

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 153 Entry Year: 2009

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
1	X 0	X 0	6			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : Walsh Grade (road)														
2	J 2	F 1	1	5		0	45	jack pine	immature	N		50-59 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Planted in 2002 - Survival check in 2004 indicated acceptable stocking. Stand exam in 2007 confirms the same.														
3	Q 3	L 0	6	5		0	45	mixed swamp conifer	immature	N		50-59 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Planted in 2002 - Survival check in 2004 indicated acceptable stocking. Stand exam in 2007 reveals that the stand is now a mix of jack pine, fir, spruce, red maple and aspen regeneration.														
4	Q 3	L 0	1	5		0	45	mixed swamp conifer	immature	N		50-59 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Planted in 2002 - Survival check in 2004 indicated acceptable stocking. Stand exam in 2007 reveals that the stand is now a mix of jack pine, fir, spruce, red maple and aspen regeneration.														
5	A 5	A 3	1	31	6	40	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Young aspen - many more stems are 3-5" DBH and should become merchantable by next entry. Site index appears to vary somewhat throughout the stand.														
6	J 6	J 2	1	29	6	110	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Young jack pine														
7	L 0	L 0	5		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Deford-Ausable-Tawas mucks, frequently flooded Lowland brush along Walsh Creek														
8	Z 0	Z 0	1		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Walsh Creek east of the Walsh Grade, including seasonally flooded areas														
9	L 0	L 0	2		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Deford-Ausable-Tawas mucks, frequently flooded Lowland brush along Walsh Creek														
10	W 8	W 3	3		18	40	60	white pine	two aged	N		40-49 years	0	
comnts Fmd : Soils - Proper Fine Sand 0-6% slopes Habitat - PVE Large pine over a mix of regen including pines, aspen, balsam fir and red maple. The regen appears to be from a partial cutting around 1990. Mixed pulpwood includes red maple and balsam fir.														

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					D	Tot. BA								
11	J 6	F 2	1	29	8	130	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Soils - Proper Fine Sand 0-6% slopes Habitat - PVE Young jack pine with residual 12-14" DBH red & white pine from the previous stand. The understory is mixed regeneration consisting of balsam fir, white pine, etc.														
12	W 3	G 0	2	17		0	60	white pine	two aged	N		80+ years	0	
comnts Fmd : Soils - Proper Fine Sand 0-6% slopes Habitat - PVE Mix of regen including primarily white pines but also red & jack pines aspen, balsam fir and red maple. This stand appears to be the result of cutting around 1990. Scattered larger trees (residuals from the last stand) are also present.														
13	J 6	F 2	1	52	10	120	45	jack pine	mature	N	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Proper Fine Sand 0-6% slopes Habitat - PVE Mature jack pine - ready to cut.														
14	F 5	F 3	1	29	6	40	50	spruce-fir (uplands-including upland black spruce)	immature	N		50-59 years	0	
comnts Fmd : Soils - Proper Fine Sand 0-6% slopes Habitat - PVE Young spruce/fir just becoming merchantable. Many stems are still 1-3" DBH.														
15	Q 6	F 3	1	52	7	120	45	mixed swamp conifer	immature	N		30-39 years	0	
comnts Fmd : Soils - Proper Fine Sand 0-6% slopes Habitat - PVE Mixed stand with some age variability - primarily spruce over smaller white pine and balsam fir.														
16	Q 5	Q 2	11		8	40	45	mixed swamp conifer	unevenaged	N	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Proper Fine Sand 0-6% slopes and Finch-Spot Complex 0-3% slopes Habitats - PVE and PArVAa This stand may have been aspen at one time, but that is now dead and gone. Natural succession has converted this to an unevenaged mix of conifers and low-quality hardwoods on a wet site. Scattered large (4-5 stick) spruce and larger white pine suggest that the site itself may be best suited to managing for conifers. Mixed hardwood pulp includes birches and cherry, while mixed softwood includes spruce and tamarack. Site index is estimated by using nearby stands.														
17	L 0	L 0	26		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Markey Mucky Peat Lowland brush with patches of open marsh and scattered merchantable trees included.														
18	E 6	F 3	1		8	110	45	spruce-fir (uplands-including upland black spruce)	unevenaged	Y	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa The aspen is all but gone from this stand, leaving a mix of red maple, paper birch and balsam fir on rolling terrain that is dryer than the surrounding lowlands. Scattered cedar, spruce and white pine are also present. Balsam fir dominates the understory, and should provide acceptable growing stock for the next stand. Retain the cedar and white pine for retention guidelines. Access issues restrict this to winter-only harvest.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
19	E 6	F 3	3	8	110	45	spruce-fir (uplands-including upland black spruce)	unevenaged	Y	final harvest	within 0-9 years	3		
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa The aspen is all but gone from this stand, leaving a mix of red maple, paper birch and balsam fir on rolling terrain that is dryer than the surrounding lowlands. Scattered cedar, spruce and white pine are also present. Balsam fir dominates the understory, and should provide acceptable growing stock for the next stand. Retain the cedar and white pine for retention guidelines. Access issues restrict this to winter-only harvest.</p>														
20	Q 3	L 0	1	32	2	0	30 mixed swamp conifer	immature	N		50-59 years	0		
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Slow-growing conifer mix (primarily spruce, fir and tamarack, plus a few aspen) with scattered merchantable trees. The site index for most tree species is low but still acceptable for commercial management; however, the surrounding lowlands may be too wet for reasonable access.</p>														
21	Q 6	Q 2	1	6	70	40	mixed swamp conifer	immature	N		50-59 years	0		
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mixed stand - primarily tamarack over spruce and fir, but the understory is also filling in with white & jack pines, red maple, paper birch etc. The year of origin is probably sometime around 1975-1980, but a lot of age variability is evident.</p>														
22	Q 5	L 0	3	88	6	50	30 mixed swamp conifer	two aged	Y		20-29 years	0		
<p><u>Treatment Limiting Factors:</u> Too wet</p>														
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Semi-open mix of slow-growing conifers and lowland brush on a very wet site. Some patches of conifer regeneration are beginning to appear.</p>														
23	S 6	Q 2	2	88	8	120	40 black spruce-swamp	mature	Y	final harvest	within 0-9 years	1		
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Spruce that is ready to cut - must deal with communication tower lease/trespass that is in this stand. Mixed softwood pulp includes jack pine and balsam fir. The existing understory is a mix of balsam fir, red maple and spruce. All commercial species are acceptable regeneration. Retention guidelines will be met.</p>														
24	L 0	L 0	94	0	0		lowland brush	nonstocked	N		not scheduled	0		
<p>comnts Fmd : Soils - Markey Mucky Peat and Carbondale-Lupton-Tawas Mucks Lowland brush with patches of open marsh and scattered merchantable trees included.</p>														
25	S 6	Q 3	1	88	8	120	40 black spruce-swamp	mature	Y	final harvest	within 0-9 years	1		
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Ready to cut. All commercial species are acceptable regeneration. Retention guidelines will be met.</p>														

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA	Site Indx							
26	Q 6	Q 3	7	88	8	80	40	mixed swamp conifer	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mixed stand on rolling terrain - species composition and site indices vary significantly from the high ground to the lower wet areas, some of which support only pockets of lowland brush. The nature of the terrain necessitates winter logging. Mixed softwood consists of balsam fir, cedar, tamarack and a few hemlock; there are also a few scattered aspen and large white pine on the higher ground. The understory is primarily a mix of balsam fir, spruce and red maple, but cedar, tamarack, hemlock, black ash, paper birch and white pine are also represented there. Acceptable regeneration after harvest will consist of any mix of the commercial species present. Retention guidelines will be met.</p>														
27	S 6	Q 1	1	88	7	70	30	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Ready to cut. All commercial species are acceptable regeneration. Retention guidelines will be met.</p>														
28	Q 5	Q 3	5	58	7	60	35	mixed swamp conifer	immature	N		20-29 years	0	
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mixed stand on rolling terrain - site indices are variable, and some age variation is also present. The understory is primarily a mix of balsam fir, spruce and red maple.</p>														
29	Q 6	Q 3	1		7	80	40	mixed swamp conifer	unevenaged	N		20-29 years	0	
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mixed stand on low, gently rolling terrain - species composition and site indices are variable, and age variation is evident. The white pine are relicts from an earlier stand, and medium-to-large (12-18") yellow birch culls are present. The understory is a mix of balsam fir, spruce, cedar, red maple and white pine; some lowland brush is present in the wetter areas.</p>														
30	Q 6	Q 3	4	88	8	70	35	mixed swamp conifer	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mixed stand on rolling terrain - species composition and site indices vary. Mixed softwood consists of tamarack and balsam fir; a few mature aspen are also present. The understory is a mix of fir, spruce and red maple.. Acceptable regeneration after harvest will consist of any mix of the commercial species present. Retention guidelines will be met.</p>														
31	Q 3	L 0	1	32	3	0	30	mixed swamp conifer	immature	N		50-59 years	0	
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mixed conifer regeneration - spruce, jack pine, tamarack and cedar.</p>														
32	Q 6	Q 3	2	77	8	90	40	mixed swamp conifer	immature	N		10-19 years	0	
<p>comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Mixed conifers with pockets of paper birch.</p>														
33	Q 6	Q 2	26	77	8	90	40	mixed swamp conifer	immature	N		10-19 years	0	
<p>comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks in the low areas, with Paquin or Finch sands likely on the higher terrain. Mixed stand on rolling terrain. Composition, age and site indices are variable; the SI given represents an average. Mixed sawlogs include white pine, red maple, paper birch and a few yellow birch & larger cedar. The understory includes different areas of dense conifer regen, lowland brush and lowland hardwoods.</p>														

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					B	Tot. BA								
34	E 2	L 0	19	5	0	0	40	swamp hardwoods	immature	N		80+ years	0	
<p>comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Recently cut - regeneration is a mix of red maple, black ash and conifers, with a few patches of aspen whips and scattered large white left from the last stand. Site index was carried forward from the old stand records.</p>														
35	Q 5	Q 2	3	72	7	60	40	mixed swamp conifer	immature	N		10-19 years	0	
<p>comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Mixed stand on wet ground with an understory of fir, spruce and red maple. Mixed pulpwood volume represents scattered aspen and balsam fir.</p>														
36	P 5	E 2	8	72	8	60	40	balsam poplar & swamp aspen and swamp white birch	mature	Y	final harvest	within 0-9 years	3	
<p><u>Treatment Limiting Factors:</u> Too wet</p>														
<p>comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Mature aspen & paper birch with a scattered understory of paper birch, red maple, black ash, balsam fir and a lot of lowland brush. This stand is overmature but too wet for operability.</p>														
37	E 4	L 0	14		9	30	46	swamp hardwoods	unevenaged	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p>														
<p>comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Very wet site - inoperable. Mixed softwood pulp includes balsam fir and cedar. Site index may be lower than that shown here, but the age variabilty makes accurate determination difficult. There are scattered dead poplar and birch throughout the stand.</p>														
38	C 6	Q 3	15	72	8	120	40	cedar	immature	N		80+ years	0	
<p>comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Age class and species diversity are developing as the last remnants of aspen fall out and are replaced by younger cedar, balsam fir and red maple from the understory. The birch is still relatively healthy.</p>														
39	C 6	Q 3	1	72	8	120	40	cedar	immature	N		80+ years	0	
<p>comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Age class and species diversity are developing as the last remnants of aspen fall out and are replaced by younger cedar, balsam fir and red maple from the understory. The birch is still relatively healthy.</p>														
40	A 3	Q 3	25	20	2	0	45	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Mix of aspen and conifer regen - some patches are dominated by the conifers. In places the understory is primarily lowland hardwoods, with lowland brush also scattered throughout.</p>														
41	A 5	Q 3	1	72	12	40	40	mixed swamp conifer	mature	Y	final harvest	within 0-9 years	3	
<p>comnts Fmd : Soils - Pullup Fine Sand 15-35% slopes Habitat - PVE Hilly terrain supporting mature aspen and scattered 1-2 stick spruce over a mixed understory consisting of spruce, fir, white pine, red maple and scattered aspen whips. Natural regeneration will produce an acceptable mix of these species; the scattered large white pine may be left for retention guidelines.</p>														
42	E 2	L 0	1		2	0	25	swamp hardwoods	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Lowland area with a few scattered merchantable trees and submerchantable black ash, red maple and conifers plus lowland brush spp.</p>														

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
43	Q 5	Q 2	5	8	60	40	mixed swamp conifer	unevenaged	N		20-29 years	0		
<p>comnts Fmd : Soils - Pullup Fine Sand 15-35% slopes on the uplands, and Carbondale-Lupton-Tawas Mucks in the low areas. Upland Habitat - PVE Rolling terrain supporting a mix of conifers, lowland hardwoods and a few surviving aspen and paper birch.. The understory consists of balsam fir, red maple, black ash and lowland brush. There are pockets of dead aspen & paper birch throughout. Mixed softwood pulp includes cedar and hemlock.</p>														
44	E 6	L 0	2	8	80	46	swamp hardwoods	unevenaged	N		20-29 years	0		
<p>comnts Fmd : Soils - Pullup Fine Sand 15-35% slopes and Proper Fine Sand 0-6% slopes, plus Carbondale-Lupton-Tawas Mucks in the lower areas. Habitat - PVE Rolling terrain supporting mainly red maple with scattered balsam fir over brush & scattered hardwood regeneration. Mixed pulpwood volume consists of scattered paper birch and the surviving overmature aspen. Black ash is also present in the lower areas.</p>														
45	E 3	L 0	3	6	1	0	swamp hardwoods	immature	N		70-79 years	0		
<p>comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Mixed regen including pockets of aspen and conifers. Red maple and black ash are the dominant species in most places, and lowland brush is found throughout the area. Scattered individuals and a few narrow strips of residual conifers are also present.</p>														
46	M 6	F 3	39	10	90	50	northern hardwood	unevenaged	N		20-29 years	0		
<p>comnts Fmd : Soils - Paquin Sand 0-3% slope and Garlic Sand 0-6% slope Habitat - ATFD [8/14/03 RFT] 5000 white pine and 4000 acorns were planted by inmates under FTP #W41-926. YOE2009 - January 2007: 90 BA after selection cut that was completed in 12-99. Mixed hardwood volumes include cherry, sugar maple and birches.</p>														
47	M 6	F 3	59	10	100	50	northern hardwood	unevenaged	N		10-19 years	0		
<p>comnts Fmd : Soils - Paquin Sand 0-3% slope on the uplands through most of the stand, with Finch-Spot Complex 0-3% slopes along the western edge where the stand begins transitioning toward the lowland conifer types Habitat - ATFD on the uplands and PArVAa in the transition zone [1-17-03] Underplanted with oak under FTP #C41-738. YOE 2009: Red maple stand with hemlock, balsam fir, a few beech and scattered white pine. The understory varies but tends more toward hardwood regen in the eastern half of the stand and a mix of balsam fir/hemlock in the west. Overall the highest concentration of conifers is along the western edge. The poles are 7-10" DBH and the sawlogs run 12-16".</p>														
48	A 6	F 3	16	72	8	110	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	natural regeneration	
<p>comnts Fmd : Soils - Paquin Sand 0-3% slope Habitat - ATFD Mix of overmature aspen/birch/red maple with balsam fir, a few spruce, and scattered large red & white pine. Succession has carried this site along far enough that conversion of some areas to a red maple/conifer mix is still likely after harvesting, but cutting/TSI should also regenerate the healthier aspen clones. Acceptable regeneration will include any mix of the species present. Maintain the pines and conifer regeneration. Retention guidelines will be met at the time of sale preparation.</p>														
49	Q 6	Q 3	12	8	80	40	mixed swamp conifer	unevenaged	N		20-29 years	0		
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Rolling terrain where some partial cutting has occurred in the past, resulting in several different age classes and variable composition. Site indices are also highly variable. Mixed sawlogs include white pine, white spruce and red maple; mixed softwood pulp includes spruces, white pine and tamarack.</p>														

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					B	Tot. BA								
50	S 6	Q 2	23	82	7	170	45	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Black spruce 5-10" DBH with cedar scattered throughout and a few pockets of hemlock, plus occasional paper birch and red maple. Mixed softwood pulp includes balsam fir, tamarack and a few white pine. The understory consists primarily of cedar and balsam fir. Ready to cut now - Retain the pine and hemlock; retention guidelines will be met at the time of sale preparation. Acceptable regeneration includes all conifer species.														
51	C 6	Q 3	28	82	8	120	30	cedar	immature	N		70-79 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Cedar with other conifers and a few scattered lowland hardwoods and occasional pockets of hemlock. The understory is generally a mix of cedar, balsam fir and spruce, with pockets of lowland brush. Site indices are variable and some age class diversity is beginning to develop. Mixed hardwood pulp includes red maple, paper birch and black ash.														
52	Q 5	Q 2	18		7	50	30	mixed swamp conifer	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Slightly rolling but generally very wet ground supporting a mix of conifers and scattered lowland hardwoods, with extremely variable site indices. The understory includes the same mix plus lowland brush, which is dominant in some areas. A few large white pine are also present. Mixed hardwood includes red maple and paper birch.														
53	E 6	Q 2	16		7	110	46	swamp hardwoods	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Gently rolling terrain supporting a mix of paper birch, red maple and cedar, with a few merchantable balsam fir and some black ash in the lowest swales. The understory is a mix of the same species.														
54	L 0	L 0	4			0	15	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Scattered merchantable conifers and black ash are present, but the site indices appear to be too low to classify this stand as manageable timber.														
55	Q 4	L 0	2		6	20	25	mixed swamp conifer	unevenaged	N		not scheduled	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Scattered merchantable but slow-growing conifers and lowland brush.														
56	S 6	Q 3	14	82	8	90	45	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Black spruce 5-10" DBH. The understory includes spruce, fir, cedar and scattered red maple & birch. Ready to cut now. Acceptable regeneration includes all conifer species.														
57	L 0	L 0	1			0	15	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks														
58	A 3	F 2	9	8	1	0	50	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Young aspen with residual white pine and a few spruce & fir.														
59	A 3	Q 2	1	20	2	0	45	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Soils - Proper Fine Sand 0-6% slopes Habitat - PVE														

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					B	Tot. BA								
60	Q 6	Q 3	1	37	5	80	45	mixed swamp conifer	immature	N		40-49 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Some partial cutting was probably done here to remove aspen.														
61	L 0	L 0	3			0	15	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Lowland brush with patches of mixed regeneration (mostly cedar, paper birch and red maple) starting to break through, and a few scattered merchantable trees.														
62	Q 2	Q 2	4	20	2	0	45	mixed swamp conifer	immature	N		60-69 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Mixed regeneration - pockets of Q2, A3 and scattered residuals.														
63	C 6	E 2	2	77	9	90	35	cedar	immature	N		70-79 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Cedar etc. over a mix of lowland hardwood/conifer regeneration and brush. Mixed pulpwood includes spruce, fir and paper birch.														
64	M 6	Q 2	1		7	110	46	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Rolling terrain supporting a mix of paper birch, red maple and balsam fir.														
65	S 3	S 3	6	57	4	30	30	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Immature black spruce - some dominant trees are now reaching merchantable size, but the average DBH is still 4".														
66	S 6	Q 2	9	78	7	90	40	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Black spruce now ready to cut - the spruce that have not reached merchantable size are dying off, and blowdown is becoming evident in some places. Site indices/age class vary somewhat throughout the stand, so an average age and of the highest and lowest SI are shown here. Mixed softwood volume includes scattered cedar, balsam fir and tamarack; a few white pine and hemlock are also present. Acceptable regeneration includes all conifer species.														
67	S 5	L 0	4	67	5	40	26	black spruce-swamp	immature	N		20-29 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Slow-growing spruce on a very wet site. Mixed pulpwood volume includes balsam fir, tamarack and red maple. No clear records of past cutting history are available, and some age variation is evident. Operability is questionable in parts of this stand.														
68	S 6	S 2	8	78	7	110	40	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks, plus a slight ridge of Finch-Spot Complex 0-3% slopes on the north edge. Habitat - PArVAa on the ridge Black spruce now ready to cut - the spruce that have not reached merchantable size are dying off, and blowdown is becoming evident in some places. Acceptable regeneration includes all conifer species.														
69	L 0	L 0	80			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Lowland brush with patches of open marsh and scattered merchantable trees included.														

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 153 Entry Year: 2009

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA								
70	S 2	S 1	3	31	3	0	30	black spruce-swamp	immature	N		60-69 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Mix of black spruce regeneration - 3-4" DBH trees over a an apparently younger generation 0-1" DBH. Lowland brush/open marshland are more prevalent than in stand #71, which lies adjacent to the southeast.														
71	S 3	S 3	3	31	4	0	30	black spruce-swamp	immature	N		60-69 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Black spruce regeneration - 3-5" DBH trees.														
72	A 3	F 3	4	15	2	20	50	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Soils - Rubicon sand 15-35% slopes Habitat - PArV Steep-sided ridge supporting an upland mix of aspen, balsam fir, spruce and white pine regeneration. The merchantable paper birch and balsam fir are residuals from the previous stand.														
73	S 6	S 2	3	78	6	90	30	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Black spruce now ready to cut - the spruce that have not reached merchantable size are dying off, and blowdown is becoming evident in some places. Acceptable regeneration includes all conifer species.														
74	M 6	F 2	4		7	80	50	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Rubicon sand 15-35% slopes Habitat - PArV Rolling upland supporting paper birch/red maple over a mix of balsam fir, spruce, white pine & red maple regeneration. White pine logs are scattered throughout. Mixed softwood includes spruce and white pine poles. Many of the larger paper birch are dead or dying.														
75	E 6	Q 2	3		6	70	46	swamp hardwoods	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Wet area with a mix of hardwoods and conifers. Density and composition are variable. Lowland brush is also present and dominates the understory in places. Operability may be questionable.														
76	S 6	S 2	1	78	7	160	40	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Black spruce now ready to cut. Acceptable regeneration includes all conifer species.														
77	N 0	N 0	7		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Seasonally flooded marsh														
78	E 5	F 2	1		8	60	46	swamp hardwoods	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Rubicon-Deford Complex 0-15% slopes Habitat - PArV Elevated knob with a mix of hardwoods and conifers. Inoperable - too far across the wetlands for this amount of timber volume. Mixed pulpwood represents a few merchantable aspen and balsam fir.														
79	W 6	F 2	4		8	90	50	white pine	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Rubicon-Deford Complex 0-15% slopes Habitat - PArV Mix of pine, spruce and red maple on rolling terrain. The pine logs average about 13-14" DBH. The understory is dominated by balsam fir.														

Stand	Cover Type- Size Dnsty	Under Story- Stkng Level	A c r e s	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
80	E 5	L 0	3		7	40	46	swamp hardwoods	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Semi-open pockets of lowland timber on a very wet site - operability may be questionable.														
81	S 6	S 2	3	88	7	90	40	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Ready to cut - Acceptable regeneration includes all conifer species.														
82	B 5	S 2	3		7	60	40	paper birch	unevenaged	Y	final harvest	within 0-9 years	2	
<u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Soils - Rubicon-Deford Complex 0-15% slopes Habitat - PArV Narrow upland ridge with an old road across it. Mostly paper birch with a few white pine, plus spruce on the edges. The mixed pulpwood includes red maple and aspen. Retain for wildlife habitat while the adjacent spruce stand is being regenerated.														
83	S 6	S 2	22	82	6	100	40	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes and Rubicon-Deford Complex Habitats - PArVAa and PArV Large spruce stand that is beginning to show the effects of natural disturbances. Site indices, density and composition vary with slight elevation changes - the figure shown represents a reasonable average. Mixed softwood pulp includes tamarack, fir, cedar and pines. The mixed pine sawlog volume represents the volume found in the scattered pockets of upland habitat. Acceptable regeneration includes all conifer species.														
84	R 9	S 2	1		18	90	50	red pine	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Rubicon-Deford Complex 0-15% slopes Habitat - PArV Unevenaged mix of large pine over pine, spruce & birch poles, with an understory of mixed conifer regeneration (spruce, red & white pines and red maple) on rolling upland terrain.														
85	R 9	R 2	1		18	70	50	red pine	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Rubicon-Deford Complex 0-15% slopes Habitat - PArV Unevenaged mix of large pine over pine, spruce & birch poles, with an understory of mixed conifer regeneration (spruce, red & white pines and red maple) on rolling upland terrain.														
86	R 9	S 2	2		18	70	50	red pine	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Rubicon-Deford Complex 0-15% slopes Habitat - PArV Unevenaged mix of large pine over pine, spruce & birch poles, with an understory of mixed conifer regeneration (spruce, red & white pines and red maple) on rolling upland terrain.														
87	Q 5	Q 2	2	57	6	60	27	mixed swamp conifer	immature	N		30-39 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mix of slow-growing conifers and birch on a wet site. The understory includes black spruce, tamarack, jack & white pines, red maple and lowland brush. Mixed pulpwood represents tamarack and paper birch.														
88	Q 4	S 2	2		6	20	26	mixed swamp conifer	unevenaged	N		30-39 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mix of slow-growing conifers on a wet site. The understory includes black spruce, tamarack and lowland brush. Mixed softwood represents tamarack and jack pine. Operability may be questionable.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
89	L 0	L 0	170	0	0	20	lowland brush	nonstocked	N			not scheduled	0	
<p>comnts Fmd : Soils - Markey Mucky Peat Lowland brush with patches of open marsh and scattered merchantable trees included. Some areas may have enough trees (spruce, cedar, red maple and paper birch) to be called either a Q4 or E4, but site indices generally appear to be too low for classification as manageable timber and their boundaries are indistinct.</p>														
90	S 6	Q 2	1	82	7	90	40 black spruce-swamp	mature	Y			10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments)</p> <p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Small island of spruce surrounded by lowland brush/marsh - retain for its value as wildlife habitat while the large spruce stand to the east is being regenerated.</p>														
91	S 6	Q 2	2	82	7	90	40 black spruce-swamp	mature	Y			10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments)</p> <p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Small island of spruce surrounded by lowland brush/marsh - retain for its value as wildlife habitat while the large spruce stand to the east is being regenerated.</p>														
92	Q 5	L 0	2	7	40	26	mixed swamp conifer	unevenaged	Y			10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p> <p>comnts Fmd : Soils - Markey Mucky Peat Semi-open mix of lowland timber - too wet for operability. A few tamarack, paper birch and white pine are also present. The understory is a mix of lowland brush and scattered conifer regeneration, a few pockets of which are denser but still submerchantable.</p>														
93	Q 5	L 0	2	7	40	26	mixed swamp conifer	unevenaged	Y			10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p> <p>comnts Fmd : Soils - Markey Mucky Peat Semi-open mix of lowland timber - too wet for operability. A few tamarack, paper birch and white pine are also present. The understory is a mix of lowland brush and scattered conifer regeneration.</p>														
94	Q 5	L 0	1	7	40	26	mixed swamp conifer	unevenaged	Y			10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p> <p>comnts Fmd : Soils - Markey Mucky Peat Semi-open mix of lowland timber - too wet for operability. A few tamarack, paper birch and white pine are also present. The understory is a mix of lowland brush and scattered conifer regeneration.</p>														
95	Q 5	L 0	1	7	40	26	mixed swamp conifer	unevenaged	Y			10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p> <p>comnts Fmd : Soils - Markey Mucky Peat Semi-open mix of lowland timber - too wet for operability. A few tamarack, paper birch and white pine are also present. The understory is a mix of lowland brush and scattered conifer regeneration.</p>														

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
96	Q 5	L 0	1		7	40	26	mixed swamp conifer	unevenaged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p> <p>comnts Fmd : Soils - Markey Mucky Peat Semi-open mix of lowland timber - too wet for operability. A few tamarack, paper birch and white pine are also present. The understory is a mix of lowland brush and scattered conifer regeneration.</p>														
97	Z 0	Z 0	12		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Walsh Creek west of the Walsh Grade and north of the powerline, including seasonally flooded areas														
98	Q 6	Q 3	2	72	8	80	40	mixed swamp conifer	immature	N		10-19 years	0	
comnts Fmd : Soils - Markey Mucky Peat Island of mixed conifer surrounded by lowland brush. Some age variation is present - an average figure is shown.														
99	Q 6	Q 2	3		6	80	40	mixed swamp conifer	unevenaged	N		10-19 years	0	
comnts Fmd : Soils - Markey Mucky Peat Island of conifers/red maple mix on slightly rolling terrain. Mixed softwood includes cedar and white pine; scattered paper birch are also present. The wetter areas feature lowland brush in the understory.														
100	Q 6	Q 2	1		6	80	40	mixed swamp conifer	unevenaged	N		10-19 years	0	
comnts Fmd : Soils - Markey Mucky Peat Island of conifers/red maple mix on slightly rolling terrain. Mixed softwood includes cedar and white pine; scattered paper birch are also present. The wetter areas feature lowland brush in the understory.														
101	Q 6	Q 2	1	72	7	80	40	mixed swamp conifer	immature	N		10-19 years	0	
comnts Fmd : Soils - Markey Mucky Peat Island of mixed timber on slightly rolling terrain. The wetter areas feature lowland brush in the understory.														
102	W 9	Q 3	12		22	120	50	white pine	unevenaged	N	seed tree	within 0-9 years	3	
comnts Fmd : Soils - Rubicon-Deford Complex 0-15% slopes Habitat - PArV Very large white pine over a variable mix of hardwood & softwood poles (6-10" DBH) on rolling terrain. Regeneration is primarily balsam fir and red maple, but spruce, cedar, white pine, hemlock, beech and some lowland brush are also present. Mixed softwood volume represents balsam fir, hemlock and white pine poles.														
103	L 0	L 0	15		0	0	20	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Lowland brush with patches of open marsh and scattered merchantable trees included.														
104	C 6	Q 3	6	92	8	100	30	cedar	immature	N		60-69 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks Cedar with red maple and large (16-30" DBH) white pine throughout, plus a few paper birch and black ash Mixed softwood represents spruce and balsam fir. Age class diversity is becoming more pronounced over time. The understory is a mix of conifer and lowland hardwood species, with lowland brush in the wetter areas.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
105	W 9	F 3	5	20	110	50	white pine	unevenaged	N		20-29 years	0		
comnts Fmd : Soils - Rubicon-Deford Complex 0-15% slopes Habitat - PArV Rolling upland terrain featuring large white pine over a variety of conifers, red maple and paper birch. A few aspen are also present. The understory is dominated by a mix of balsam fir and red maple, but white pine, hemlock and spruce are also common. Mixed softwood pulp includes cedar, spruce and hemlock.														
106	C 6	Q 2	11	92	9	100	30	cedar	immature	N		60-69 years	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks and Markey Mucky Peat Wet site featuring cedar with red maple plus a few scattered white pine, paper birch and balsam fir. The understory is a mix of lowland conifers, hardwoods and brush. Site indices and age classes are variable.														
107	R 8	F 2	6	18	60	45	red pine	unevenaged	N		20-29 years	0		
comnts Fmd : Soils - Rubicon-Deford Complex 0-15% slopes Habitat - PArV Rolling upland terrain featuring large red & white pine over red maple and paper birch. The understory is dominated by a mix of balsam fir and red maple, but pines and spruce are also common. Mixed softwood pulp includes spruce and pine poles.														
108	Q 5	L 0	3	7	50	26	mixed swamp conifer	unevenaged	Y		20-29 years	0		
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Soils - Markey Mucky Peat Semi-open mix of lowland timber - too wet for operability. A few paper birch are also present. The understory is a mix of lowland brush and scattered conifer regeneration.														
109	C 6	Q 2	1	92	9	70	30	cedar	immature	N		60-69 years	0	
comnts Fmd : Soils - Markey Mucky Peat Wet site featuring cedar with paper birch and some larger (18" DBH) white pine. The understory is primarily lowland brush.														
110	Q 6	S 2	5	72	7	80	40	mixed swamp conifer	immature	N		10-19 years	0	
comnts Fmd : Soils - Markey Mucky Peat Island of mixed timber on slightly rolling terrain. The wetter areas feature lowland brush in the understory.														
111	Q 5	L 0	1	8	50	26	mixed swamp conifer	unevenaged	Y		10-19 years	0		
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Soils - Markey Mucky Peat Semi-open mix of lowland timber - too wet for operability. A few tamarack and white pine are also present. The understory is a mix of lowland brush and scattered conifer regeneration.														
112	C 6	C 3	4	92	6	90	30	cedar	immature	N		60-69 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Soils - Markey Mucky Peat Wet site featuring cedar with a few spruce and tamarack. The understory is primarily cedar 0-2" DBH.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	avg. D	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
113	R 9	Q 2	9	20	120	50	red pine	two aged	N		20-29 years	0	
<u>Treatment Limiting Factors:</u>													
Blocked by other physical obstacle													
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes													
Habitat - PArVAa													
Upland terrain supporting large red & white pine over a mix of 8-12" poles including pines, spruce, cedar, red maple and some large (5-6 stick) tamarack. A few paper birch and balsam fir are also present.													
Inaccessible - Too wet to get there across the marsh.													
114	Q 5	L 0	1	7	50	26	mixed swamp conifer	unevenaged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>													
Too wet													
comnts Fmd : Soils - Markey Mucky Peat													
Semi-open mix of lowland timber - too wet for operability. A few paper birch are also present. The understory is a mix of lowland brush and scattered conifer regeneration.													
115	R 8	F 2	2	18	60	45	red pine	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Deford-Augres-Rubicon Deep Water Table Complex 0-15% slopes													
Secondary Habitat - PArV													
Rolling terrain featuring large red & white pine over red maple and paper birch. The understory is dominated by a mix of balsam fir and red maple, but pines and spruce are also common. Mixed softwood pulp includes spruce and pine poles.													
116	N 0	N 0	47	0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Carbondale-Lupton-Tawas Mucks and ponded Histosols & Aquent													
Marsh/pond - Some water remains year-round but depth and area covered vary significantly from year-to-year and seasonally.													
117	R 8	F 2	2	18	60	45	red pine	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Deford-Augres-Rubicon Deep Water Table Complex 0-15% slopes													
Secondary Habitat - PArV													
Rolling terrain featuring large red & white pine over red maple and paper birch. The understory is dominated by a mix of balsam fir and red maple, but pines and spruce are also common. Mixed softwood pulp includes spruce and pine poles.													
118	R 8	F 2	3	18	60	45	red pine	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Deford-Augres-Rubicon Deep Water Table Complex 0-15% slopes													
Secondary Habitat - PArV													
Rolling upland terrain featuring large red & white pine over red maple and paper birch. The understory is dominated by a mix of balsam fir and red maple, but pines and spruce are also common. Mixed softwood pulp includes spruce and pine poles.													
119	C 6	C 3	4	92	6	80	30	cedar	immature	N	60-69 years	0	
<u>Treatment Limiting Factors:</u>													
Blocked by other physical obstacle													
Other special wildlife habitat consideration (desc. In comments)													
comnts Fmd : Soils - Markey Mucky Peat													
Wet site featuring cedar with a few spruce and tamarack, shown here as mixed softwood. Also a few red maple, birch, balsam fir and white pine present. The understory is primarily cedar 0-2" DBH.													
Access across wetlands is questionable - hold for wildlife habitat.													
120	Q 5	Q 2	1	7	40	35	mixed swamp conifer	unevenaged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>													
Blocked by other physical obstacle													
comnts Fmd : Soils - Markey Mucky Peat													
Island of timber out in the marsh/ lowland brush - mix of conifers and birch on a fairly wet site. The understory is also a mix of the given tree species and lowland brush.													
Inaccessible - too wet to justify the cost of roads for the value of timber available.													

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
121	C 6	C 3	4	92	6	90	30	cedar	immature	N		60-69 years	0	
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Soils - Markey Mucky Peat														
Wet site featuring cedar with a few spruce and tamarack. The understory is primarily cedar 0-2" DBH.														
Access across wetlands is questionable - hold for wildlife habitat.														
122	L 0	L 0	382		0	0	20	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Deford Muck and Markey Mucky Peat														
Lowland brush with patches of open marsh and scattered merchantable trees included. Some areas may have enough trees (spruce, cedar, red maple and paper birch) to be called either a Q4 or E4, but site indices generally appear to be too low for classification as manageable timber and their boundaries are indistinct.														
123	R 8	W 1	9		16	50	48	red pine	unevenaged	N		30-39 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes														
Habitat - PArVAa														
Last cut completed in 2002. Large red & white pine plus a few scattered pine poles.														
124	S 2	W 1	1		2	20	26	black spruce-swamp	unevenaged	N		60-69 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes														
Habitat - PArVAa														
Stand history is unclear - It is probable that partial cutting along with the red pine in the adjacent stand (see stand #123) has released a pocket of spruce regeneration along the edge of the pine uplands, leaving a few scattered residual pine poles and logs.														
125	J 6	S 2	5	67	8	80	45	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes														
Habitat - PArVAa														
Ready to cut - reserve the scattered white pine. Acceptable regeneration includes all conifer species.														
126	J 2	J 1	1	28	3	0	40	jack pine	immature	N		30-39 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes														
Habitat - PArVAa														
Young jack pine														
127	Q 2	L 0	3	28	1	0	40	mixed swamp conifer	immature	N		60-69 years	0	
comnts Fmd : Soils - Markey Mucky Peat														
Mix of jack pine and cedar regeneration.														
128	J 6	Q 2	4	67	8	90	45	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes														
Habitat - PArVAa														
Ready to cut. Acceptable regeneration includes all conifer species.														
129	Q 2	L 0	2	28	1	0	40	mixed swamp conifer	immature	N		60-69 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes														
Habitat - PArVAa														
Mix of jack pine, tamarack and spruce regeneration. The jack pine is slightly larger than the others (1-3" DBH.)														

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA	Site Indx							
130	Q 2	Q 2	23	5		0	45	mixed swamp conifer	immature	N		10-19 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa A scattered mix of jack & white pines, spruce and poplar is established, and will likely continue to fill in until the area is fully stocked.														
131	S 2	L 0	3	28	2	10	35	black spruce-swamp	immature	N		60-69 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mix of spruce, fir, tamarack, red maple & jack pine regeneration - a few trees are reaching merchantable size.														
132	S 5	S 2	6	43	6	50	30	black spruce-swamp	immature	N		40-49 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Slow-growing mix of spruce and jack pine on a wet site.														
133	S 2	S 2	3	9	0	0	40	black spruce-swamp	immature	N		70-79 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mixed regeneration - primarily black spruce with tamarack, jack pine & red maple mixed in. Additional regeneration (under snow at the time of the stand exam, and still becoming established) may bring this stand up to full stocking.														
134	J 6	S 3	7	67	8	80	45	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Ready to cut. Acceptable regeneration includes all conifer species. Mixed softwood includes tamarack and white pine.														
135	J 6	S 1	1	67	8	140	45	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Ready to cut. Acceptable regeneration includes all conifer species.														
136	S 4	S 2	5	44	6	20	26	black spruce-swamp	immature	N		20-29 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Slow-growing spruce with a few tamarack etc. on a wet site. Site indices are low but vary within the stand. Lowland brush is also a major component of the understory. Old timber sale records indicate that some cutting was probably done here in about 1962-1963.														
137	J 6	S 3	3	67	8	80	45	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Ready to cut. Acceptable regeneration includes all conifer species. Mixed softwood includes tamarack and white pine.														
138	S 6	S 2	18	82	7	100	45	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mix of spruce & jack pine - ready to cut. Mixed softwood includes tamarack and scattered white pine. Some age variation appears to be present, as pockets of thrifty but smaller diameter (4-5") spruce & jack pine are present within this stand. Cutting history is somewhat vague but suggests that these pockets were cut in the late 1950's and/or early 1960's. During timber sale preparation, these areas can be reserved to satisfy retention guidelines. Acceptable regeneration includes all conifers.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
139	C 6	Q 3	1	10	150	35	cedar	unevenaged	Y		20-29 years	0		
<u>Treatment Limiting Factors:</u>														
Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Soils - Deford Muck Unevenaged cedar - diameters up to 20"+ DBH. A few large paper birch, red maple and white pine are also present - the mixed sawlog volume represents these species. Hold for wildlife habitat.														
140	Q 6	L 0	1	8	70	35	mixed swamp conifer	unevenaged	Y		20-29 years	0		
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Soils - Deford Muck Island of timber out in the marsh/ lowland brush - mix of conifers with a few red maple and birch (shown here as mixed hardwood pulp) on a fairly wet site. The understory is also a mix of the given tree species and lowland brush, but the brush tends to be dominant. Inaccessible - too wet to justify the cost of roads for the value of timber available.														
141	Q 6	L 0	1	8	70	35	mixed swamp conifer	unevenaged	Y		20-29 years	0		
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Soils - Markey Mucky Peat Island of timber out in the marsh/ lowland brush - mix of conifers plus a few red maple & birch shown here as mixed hardwood pulp. The understory is a mix of lowland brush and the given tree species. Inaccessible - too wet to justify the cost of roads for the value of timber available.														
142	Q 6	L 0	1	8	70	35	mixed swamp conifer	unevenaged	Y		20-29 years	0		
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Soils - Markey Mucky Peat Island of timber out in the marsh/ lowland brush - mix of conifers plus a few red maple & birch shown here as mixed hardwood pulp. The understory is a mix of lowland brush and the given tree species. Inaccessible - too wet to justify the cost of roads for the value of timber available.														
143	Q 6	L 0	1	8	70	35	mixed swamp conifer	unevenaged	Y		20-29 years	0		
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Island of timber out in the marsh/ lowland brush - mix of conifers with a few red maple and birch (shown here as mixed hardwood pulp) on a fairly wet site. The understory is also a mix of the given tree species and lowland brush, but the brush tends to be dominant. Inaccessible - too wet to justify the cost of roads for the value of timber available.														
144	W 8	F 2	9	77	16	40	50	white pine	immature	N	30-39 years	0		
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Aspen & birch have died out, leaving red and white pine logs, a few jack & white pine poles, mixed softwood (balsam fir & spruce) and a few scattered red maple poles.														
145	Q 6	Q 2	4	77	10	140	45	mixed swamp conifer	immature	N	10-19 years	0		
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mixed timber on rolling (but generally low) terrain.														

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SHINGLETON FOREST AREA

Stand Level Information

Compartment: 153 Entry Year: 2009

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
146	E 5	Q 2	3	77	8	50	46	swamp hardwoods	immature	N		10-19 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Wet site supporting red maple poles plus a few white pine logs and scattered spruce, fir and birch. The understory is a mix of spruce, fir, pine, red maple and lowland brush.														
147	S 4	Q 3	6	27	6	30	45	black spruce-swamp	immature	N		50-59 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Young stand - At this point a few spruce, jack pine, paper birch and red maple are reaching merchantable size. The medium- to fully-stocked understory is a mix of spruce, jack pine, tamarack, red maple and birch up to 4" DBH. A few large white pine are also present from the last stand. The red maple and birch are shown as mixed hardwood volume.														
148	S 6	Q 2	8	82	8	70	45	black spruce-swamp	mature	Y		10-19 years	0	
Treatment Limiting Factors: Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Spruce old enough to cut, but healthy enough to hold for another entry cycle in order to maintain some closed-canopy wildlife cover near Walsh Creek per WLD request.														
149	L 0	L 0	1		0	0	20	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Lowland brush/open marsh in a small depression														
150	J 6	J 3	1	27	6	70	45	jack pine	immature	N		20-29 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa														
151	Z 0	Z 0	2		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Walsh Creek west of the Walsh Grade and south of the powerline, including seasonally flooded areas														
152	Q 4	S 2	2		6	20	26	mixed swamp conifer	unevenaged	N		30-39 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mix of slow-growing conifers on a wet site. The understory includes black spruce, tamarack and lowland brush. Mixed softwood represents tamarack and jack pine. Operability may be questionable.														
153	E 6	F 3	1		8	110	45	spruce-fir (uplands-including upland black spruce)	unevenaged	Y	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa The aspen is all but gone from this stand, leaving a mix of red maple, paper birch and balsam fir on rolling terrain that is dryer than the surrounding lowlands. Scattered cedar, spruce and white pine are also present. Balsam fir dominates the understory, and should provide acceptable growing stock for the next stand. Retain the cedar and white pine for retention guidelines. Access issues restrict this to winter-only harvest.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA								
154	S 6	S 2	4	82	7	120	45	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Spruce old enough to cut, but healthy enough to hold for another entry cycle in order to maintain some closed-canopy wildlife cover near Walsh Creek per WLD request.														
155	L 0	L 0	9		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Deford-Ausable-Tawas Mucks, frequently flooded Lowland brush along Walsh Creek														
156	L 0	L 0	4		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Deford-Ausable-Tawas Mucks, frequently flooded Lowland brush along Walsh Creek														
157	L 0	L 0	1		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Deford-Ausable-Tawas Mucks, frequently flooded Lowland brush along Walsh Creek														
158	L 0	L 0	3		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Deford-Ausable-Tawas Mucks, frequently flooded Lowland brush along Walsh Creek														
159	Q 6	F 2	7	82	8	100	45	mixed swamp conifer	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mix of spruce and other species on rolling terrain. Hold until next entry cycle to maintain closed-canopy cover near Walsh Creek per WLD request.														
160	J 5	J 3	2	31	6	50	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Young jack pine - many 3-4" DBH trees have not reached merchantable size yet.														
161	S 6	Q 2	1	82	8	70	45	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Semi-open spruce stand on rolling terrain left when the jack pine was cut - hold for wildlife cover. Mixed commercial pulpwood includes jack pine, red maple, aspen, birch and tamarack. Lowland brush is found throughout.														
162	J 5	J 3	3	31	6	50	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Young jack pine - many 3-4" DBH trees have not reached merchantable size yet.														
163	J 5	S 2	2	31	7	60	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Young jack pine - some 3-4" DBH trees have not reached merchantable size yet.														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 153 Entry Year: 2009

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
164	A 3	A 3	12	21	3	0	50	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes on the higher ground, and Deford Muck in the lower areas through the middle of the stand Habitat - PArVAa on the higher ground Stand is now fully stocked everywhere - mostly 3-4" DBH aspen on slightly wet ground, but on the lower terrain the diameters are just 1-3" and the understory is dominated by lowland brush. In the better areas, hardwoods and scattered spruce/fir make up the understory. Site indices vary with the terrain; the figure shown represents the higher ground.														
165	A 2	L 0	2	21	3	0	40	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Young aspen on somewhat wetter ground than the surrounding jack pine. The understory includes scattered conifers, and a few merchantable (one-stick) jack pine are also present.														
166	L 0	L 0	4		0	0	30	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Deford Muck Lowland brush with scattered merchantable trees (mainly mixed aspen) included.														
167	P 5	L 0	3	42	6	50	40	balsam poplar & swamp aspen and swamp white birch	immature	N		10-19 years	0	
comnts Fmd : Soils - some Finch-Spot Complex 0-3% slopes on the higher ground in the west half but mostly Deford Muck in the lower areas, particularly in the east half of this stand Habitat - PArVAa on the higher ground Mostly wet ground - the understory includes scattered conifers. Mixed volume includes balsam fir and red maple.														
168	Q 2	L 0	2	5	0	0	40	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mix of conifers - 2 acres were planted to red pine in 2002 with partial survival. Generally a mix of spruce, fir, red maple, aspen and the red pine.														
169	J 6	X 0	1	29	6	130	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Young jack pine/red pine mix.														
170	A 5	A 3	3	31	6	60	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Young aspen - will be an A6 next entry, as many stems are not quite merchantable yet.														
171	R 2	R 2	1	5	0	0	50	red pine	immature	N		30-39 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes and Augres-Deford Complex 0-3% slopes Habitat - PArVAa														
172	I 6	X 0	7	29	6	90	50	jack pine	immature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mixed plantation - scotch, red & jack pines plus a few scattered aspen volunteers. Many stems are still only 4" DBH. To eradicate the scotch pine this stand must be clearcut - reserve the red pine for aesthetics. Chipping is the only viable method that will insure removal of all the scotch pine. Follow up with TSI (inmates w/handtools) as needed if any scotch pine remain, then plant jack pine.														

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
173	J 6	X 0	17	29	6	80	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Young jack pine - many stems are still only 4" DBH.														
174	A 3	Q 1	1	21	3	0	50	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV 2-3" DBH aspen on wetter ground than the surrounding jack pine. Scattered spruce/fir make up the understory.														
175	L 0	L 0	92		0	0	20	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Deford Muck Lowland brush with patches of open marsh and scattered merchantable trees included. Some areas may have enough trees (spruce, cedar, red maple and paper birch) to be called either a Q4 or E4, but site indices generally appear to be too low for classification as manageable timber and their boundaries are indistinct.														
176	J 5	Q 2	4	31	6	50	40	jack pine	immature	N		20-29 years	0	
comnts Fmd : Soils - 26A Finch-Spot Complex 0-3% slopes Habitat - PArVAa Young 1-2 stick jack pine on wet but slightly rolling terrain - some 3-4" DBH trees have not reached merchantable size yet. The understory is a mix of jack & white pines, spruce, birch and tamarack.														
177	E 4	Q 3	3		7	30	35	swamp hardwoods	unevenaged	N		40-49 years	0	
comnts Fmd : Soils - Deford Muck Wet site - Many paper birch have died out of this stand, leaving an unevenaged mix of surviving birch, a few spruce and scattered red maple. The understory includes spruce, fir, jack & white pines and red maple.														
178	J 6	L 0	3	72	10	70	40	jack pine	mature	Y	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Deford Muck Jack pine mix on wet ground - acceptable regeneration includes all conifer species. The understory is dominated by lowland brush with scattered conifer regeneration.														
179	Q 5	S 2	2		7	60	40	mixed swamp conifer	unevenaged	N		40-49 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Rolling terrain - Most of the paper birch has died out of this stand, leaving an unevenaged mix of large white pine, a few red maple and scattered young conifers. Mixed softwood includes white pine and balsam fir. The understory includes spruce, fir, jack & white pines, red maple and lowland brush. Many of the white pine are 20"+ DBH.														
180	S 6	S 2	8	72	7	80	45	black spruce-swamp	immature	N		10-19 years	0	
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Spruce stand on slightly rolling terrain. In the understory, lowland brush is a major component in the wetter areas, while the dryer areas feature a mix of spruce, fir and red maple.														
181	Q 5	Q 2	1		8	40	40	mixed swamp conifer	unevenaged	N		40-49 years	0	
Treatment Limiting Factors: Blocked by other physical obstacle														
comnts Fmd : Soils - Deford Muck Small island of conifers on wet ground - inaccessible. The jack pine and tamarack are 10-12" DBH, while the spruce is 6".														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B	Tot. BA								
182	Q 5	Q 2	12		8	60	40	mixed swamp conifer	unevenaged	N		40-49 years	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Wet but slightly rolling terrain - composition, density and site indices change rapidly from one spot to the next. Mostly inoperable - too wet.														
183	S 6	S 2	1	87	8	120	40	black spruce-swamp	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Knob with spruce & jack pine - retain for wildlife cover.														
184	N 0	N 0	6		0	0	20	marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Histosols and Aqents, ponded Open flooded marsh with a few patches of light lowland brush and an island (less than 0.2 acre) of spruce. Water levels vary seasonally.														
185	E 6	Q 3	3		7	110	46	swamp hardwoods	unevenaged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Scenic values/visual values														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mix of birch, red maple and a few aspen over 1-2 stick spruce. Maintain for aesthetics until the regen in the adjacent stands is taller.														
186	Q 2	Q 2	3	5		0	48	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Red pine were planted; volunteers bring the stand up to acceptable stocking.														
187	R 2	R 2	6	5		0	50	red pine	immature	N		30-39 years	0	
comnts Fmd : Soils - Augres-Deford Complex 0-3% slopes Habitat - PArVAa Cut under TS# 06-00-01 TCR dtd 6-13-01. [1-6-03] RFT: Red pine handplanted by inmates during 2002 under FTP# C41-950; schedule survival check for 2003. [6-18-04] Regen survey indicates that the stand is now stocked with a mix of acceptable species.														
188	C 6	L 0	1	87	8	130	30	cedar	immature	N		60-69 years	0	
comnts Fmd : Soils - Augres-Deford Complex 0-3% slopes Habitat - PArVAa Cedar with a few spruce, red maple and jack pine.														
189	Q 2	Q 2	3	5		20	48	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mixed regen - aspen/conifers/red maple														
190	Q 5	Q 2	3		8	40	40	mixed swamp conifer	unevenaged	N		40-49 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Wet terrain - composition, density and site indices change rapidly from one spot to the next. Age variation is also present, but generally this is immature timber. Mixed pulpwood includes tamarack and aspen.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Age	Area	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
191	A 3	A 3	9	22	10	46	aspens (upland)	immature	N			30-39 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Aspen regeneration 1-4" DBH with variable site indices and some apparent age class diversity, but cutting records are unclear. For management purposes an average age is shown here. Mixed volume represents the scattered aspen, red maple, and jack pine that have reached merchantable size. Small pockets of young but merchantable cedar were also left when various cuts were executed.</p>														
192	T 5	L 0	3	87	6	50	40	tamarack	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p> <p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Very wet terrain - inoperable. Maintain for wildlife habitat.</p>														
193	E 2	Q 2	1	5	0	48	swamp hardwoods	immature	N			70-79 years	0	
<p>comnts Fmd : Soils - Augres-Deford Complex 0-3% slopes Habitat - PArVAa Mixed regen - red maple/conifers</p>														
194	J 6	S 3	2	62	8	70	45	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Ready to cut - a mix of jack pine, spruce and other conifers is acceptable regeneration.</p>														
195	Q 5	Q 3	3	8	40	35	mixed swamp conifer	unevenaged	N			40-49 years	0	
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Fairly wet site with a semi-open mix of spruce & tamarack, plus scattered red maple, paper birch, balsam fir, cedar, jack pine and some larger (18"+ DBH) white pine. Mixed pulpwood volume represents all these species. The understory varies from fully-stocked conifer regeneration to pure lowland brush.</p>														
196	Q 4	L 0	5	8	30	30	mixed swamp conifer	unevenaged	N			40-49 years	0	
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Very wet site with a semi-open mix of tamarack & spruce, plus a few scattered red maple, paper birch, cedar and jackpine. The understory is mostly lowland brush with a few pockets of submerchantable spruce. Site indices are variable but generally low. Operability is highly questionable.</p>														
197	S 2	S 2	5	5	0	45	black spruce-swamp	immature	N			70-79 years	0	
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa</p>														
198	S 6	S 2	13	82	7	110	40	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2	
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Ready to cut - a mix of jack pine, spruce and other conifers is acceptable regeneration.</p>														
199	S 6	S 2	1	82	7	80	45	black spruce-swamp	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle</p> <p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of spruce/jack pine - too far out in the marsh for reasonable access.</p>														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 153 Entry Year: 2009

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					DBH	Tot. BA	Site Indx							
200	S 6	S 2	1	82	7	80	45	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of spruce/jack pine - too far out in the marsh for reasonable access.														
201	S 6	S 2	1	82	7	80	45	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of spruce/jack pine - too far out in the marsh for reasonable access.														
202	L 0	L 0	82		0	0	20	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Lowland brush with patches of open marsh and scattered merchantable trees included. Many small areas have enough trees (spruce, cedar, tamarack, red maple, paper birch, etc.) to be called either a Q4/5 or E4/5, but site indices are generally low, access is difficult, and their stand acreages/volumes would be too small to justify the costs of treatments.														
203	A 3	A 3	2	22		10	46	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Soils - Augres-Deford Complex 0-3% slopes Habitat - PArVAa Aspen regeneration 1-4" DBH with variable site indices and some apparent age class diversity, but cutting records are unclear. For management purposes an average age is shown here. Mixed volume represents the scattered aspen, red maple, and jack pine that have reached merchantable size. Small pockets of young but merchantable cedar were also left when various cuts were executed.														
204	R 2	R 2	3	5		0	50	red pine	immature	N		30-39 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV														
205	L 0	L 0	5		0	0	20	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Lowland brush with scattered merchantable trees included.														
206	Q 6	S 2	2		7	70	35	mixed swamp conifer	unevenaged	N		40-49 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Wet but slightly rolling terrain - composition, density, structure and site indices change rapidly throughout. This stand is mainly spruce, but also includes cedar, tamarack, jack pine, red maple & paper birch, plus a few scattered red & white pine. Many of the cedar are 12" DBH and larger. The understory and ground cover spp. are also highly variable.														
207	J 6	F 1	1	57	9	80	45	jack pine	mature	N	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of mature jack pine - ready to cut. Retention guidelines to be met at time of sale prep. All conifer spp. are acceptable regeneration.														
208	J 6	F 1	1	57	9	80	45	jack pine	mature	N	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of mature jack pine - ready to cut. Retention guidelines to be met at time of sale prep. All conifer spp. are acceptable regeneration.														

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrres	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
209	J6	F1	1	57	9	80	45	jack pine	mature	N	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of mature jack pine - ready to cut. Retention guidelines to be met at time of sale prep. All conifer spp. are acceptable regeneration.														
210	J6	F1	1	57	9	80	45	jack pine	mature	N	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of mature jack pine - ready to cut. Retention guidelines to be met at time of sale prep. All conifer spp. are acceptable regeneration.														
211	J6	F1	2	57	9	100	45	jack pine	mature	N	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of mature jack pine with a few red & white pine logs - ready to cut. Retention guidelines to be met at time of sale prep. All conifer spp. are acceptable regeneration.														
212	J5	F1	2	57	9	60	45	jack pine	mature	N	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of mature jack pine with a few red & white pine logs - ready to cut. Retention guidelines to be met at time of sale prep. All conifer spp. are acceptable regeneration.														
213	Q2	X0	2	4		0	45	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mixed regeneration - black spruce, jack pine, tamarack, white pine and red maple all from 1' to 6' tall. Lowland brush is also present in slightly wetter areas. The stand will probably continue to fill in over time until it is fully stocked.														
214	Q2	X0	1	4		0	45	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mixed regeneration - black spruce, jack pine, tamarack, white pine and red maple all from 1' to 6' tall. Lowland brush is also present in slightly wetter areas. The stand will probably continue to fill in over time until it is fully stocked.														
215	Q2	X0	3	4		0	45	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mixed regeneration - black spruce, jack pine, tamarack, white pine and red maple all from 1' to 6' tall. Lowland brush is also present in slightly wetter areas. The stand will probably continue to fill in over time until it is fully stocked.														
216	W7	S1	1		15	30	45	white pine	unevenaged	N		70-79 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of upland habitat surrounded by lowlands. Spruce was cut out in 2002, but is slowly regenerating. Mixed pine pulpwood is red & white pines 8-10" DBH.														
217	Q2	X0	1	4		0	40	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Markey Mucky Peat Mixed regeneration - black spruce, jack pine, tamarack, birch and red maple. Lowland brush is also present in wetter areas. The stand will probably continue to fill in over time until it is fully stocked.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
218	S 3	L 0	5	45	3	20	26	black spruce-swamp	immature	N		40-49 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Slow-growing black spruce & tamarack on wet ground. Site index & stand density vary with slight changes in elevation; DBH runs anywhere from 1-4 " with some trees up to 6-7". The site index given is a rough average, but stand history makes this somewhat unreliable. Timber sale records indicate that this stand was partially cut in 1962, and some merchantable trees were also cut during the last timber sale (2002.)</p>														
219	S 3	L 0	2	45	3	20	26	black spruce-swamp	immature	N		40-49 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Slow-growing black spruce & tamarack on wet ground. Site index & stand density vary with slight changes in elevation; DBH runs anywhere from 1-4 " with some trees up to 6-7". The site index given is a rough average, but stand history makes this somewhat unreliable. Timber sale records indicate that this stand was partially cut in 1962, and some merchantable trees were also cut during the last timber sale (2002.)</p>														
220	S 3	L 0	2	45	3	20	26	black spruce-swamp	immature	N		40-49 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Slow-growing black spruce & tamarack on wet ground. Site index & stand density vary with slight changes in elevation; DBH runs anywhere from 1-4 " with some trees up to 6-7". The site index given is a rough average, but stand history makes this somewhat unreliable. Timber sale records indicate that this stand was partially cut in 1962, and some merchantable trees were also cut during the last timber sale (2002.)</p>														
221	S 2	L 0	1	45	3	20	26	black spruce-swamp	immature	N		40-49 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Slow-growing black spruce & tamarack on wet ground. Site index & stand density vary with slight changes in elevation; DBH runs anywhere from 1-4 " with some trees up to 6-7". The site index given is a rough average, but stand history makes this somewhat unreliable. Timber sale records indicate that this stand was partially cut in 1962, and some merchantable trees were also cut during the last timber sale (2002.)</p>														
222	V 0	V 0	2			0	15	bog or muskeg	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Boggy area with a wet grass & a few submerchantable conifers</p>														
223	S 2	X 0	22	5		0	40	black spruce-swamp	immature	N		70-79 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Cut in 2002 - Regeneration is mostly black spruce with pockets of jack pine. Tamarack, red maple & white pine regen and lowland brush are also scattered throughout. This stand will probably continue filling in until it is fully stocked.</p>														
224	L 0	L 0	17			0	20	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Lowland brush with patches of open marsh and scattered trees included.</p>														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
225	Q 4	S 2	1	45	6	30	26	mixed swamp conifer	immature	N		40-49 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Slow-growing conifers (black spruce with some jack pine and/or tamarack) on wet ground. Site index & stand density vary with slight changes in elevation; DBH runs anywhere from 1-4 " up to pockets of 6-7" trees. The site index given is a rough average, but stand history makes this somewhat unreliable. In many places the understory is lowland brush. Timber sale records indicate that this stand was partially cut in the late 50's/early 60's, and some merchantable trees were also cut during the last timber sale (2002.)</p>														
226	Q 4	S 2	1	45	6	30	26	mixed swamp conifer	immature	N		40-49 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Slow-growing conifers (black spruce with some jack pine and/or tamarack) on wet ground. Site index & stand density vary with slight changes in elevation; DBH runs anywhere from 1-4 " up to pockets of 6-7" trees. The site index given is a rough average, but stand history makes this somewhat unreliable. In many places the understory is lowland brush. Timber sale records indicate that this stand was partially cut in the late 50's/early 60's, and some merchantable trees were also cut during the last timber sale (2002.)</p>														
227	J 1	X 0	1	5		0	40	jack pine	immature	N		70-79 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Upland knob cut in 2002 - Regeneration is sparse jack pine/black spruce, but it should slowly fill in with. Ground cover is blueberry/lichens.</p>														
228	Q 3	L 0	5	5	1	0	40	mixed swamp conifer	immature	N		70-79 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Cut in 2002 - Regeneration is mostly black spruce/tamarack with jack & white pines also well represented on the slightly higher areas. The understory varies from lowland shrubs to grass and a variety of herbaceous plants.</p>														
229	S 6	S 1	4	67	6	90	40	black spruce-swamp conifer	immature	N		20-29 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Age of the spruce is an approximate average - some age class diversity exists. The red & white pine logs are older. Some spruce are still in the 3-5" class and healthy enough to reach merchantable size before this stand is cut - hold it until the adjacent Q3 stand is old enough to provide cover for wildlife.</p>														
230	Q 5	Q 2	4		7	40	26	mixed swamp conifer	unevenaged	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p>														
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Inoperable - too wet. Mixed stand of spruce & cedar on wet terrain, with variable density/composition/site indices; in some areas only submerchantable trees are present. Age class variation is developing. Lowland brush is a major component of the understory throughout the entire stand. A few scattered large white pine are also present on ridges of slightly higher ground.</p>														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
231	S 6	S 2	26	87	7	110	40	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Other Dept./Div. procedures or practices (describe in comment)														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Age of the spruce is an approximate average - some age class diversity exists. The red & white pine logs are older. Both categories of mixed pine represent red & white pine; the mixed softwood pulp includes jack pine and tamarack. The understory is mainly black spruce, red maple and balsam fir. T & E plant species may be found in the vicinity of this stand - hold for now pending completion of T & E survey.														
232	W 9	Q 2	50		16	110	40	white pine	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Large red and white pine over a mix of spruce, jack pine, red maple, tamarack and balsam fir. Partially cut in approximately 1950, leaving the pine. Mixed pulpwood volume includes tamarack, balsam fir, birch, aspen and red pine poles. The understory is a mix of all species present plus areas of lowland brush. Due to the rolling terrain, site indices are somewhat variable.														
233	S 6	Q 2	8	82	7	130	40	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Other Dept./Div. procedures or practices (describe in comment)														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV 7-8" DBH black spruce with 14-18" pine logs throughout on rolling terrain. Age of the spruce is approximate - some age class diversity exists. The mixed pulp includes pine poles, cedar, red maple and birch. The understory is mainly black spruce, red maple, balsam fir and white pine, with lowland brush scattered throughout. T & E plant species may be found in the vicinity of this stand - hold for now pending completion of T & E survey.														
234	L 0	L 0	90		0	0	20	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - ERA Patterned Fen (Creighton Marsh) Soils - Markey Mucky Peat Lowland brush with patches of open marsh and scattered merchantable trees included. Some areas may have enough trees (spruce, cedar, red maple and paper birch) to be called either a Q4 or E4, but site indices generally appear to be too low for classification as manageable timber and their boundaries are indistinct.														
235	L 0	L 0	54		0	0	20	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - ERA Patterned Fen (Creighton Marsh) Soils - Markey Mucky Peat Lowland brush with patches of open marsh and scattered merchantable trees included. Some areas may have enough trees (spruce, cedar, red maple and paper birch) to be called either a Q4 or E4, but site indices generally appear to be too low for classification as manageable timber and their boundaries are indistinct.														
236	Q 6	Q 2	19	57	8	80	40	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Large red and white pine over a mix of spruce, jack pine, red maple, etc. Partially cut in approximately 1950, leaving the pine. The understory is a mix of all species present plus areas of lowland brush. Due to the rolling terrain, site indices are somewhat variable. Thin the red & white pine logs and poles as needed, and cut all jack pine, spruce, tamarack, balsam fir, red maple, aspen and birch. Scarify wherever possible. Acceptable regeneration includes all conifer species. Retention guidelines will be addressed during sale preparation.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	B	Tot. BA							
237	Q 5	L 0	7	88	7	60	30	mixed swamp conifer	mature	Y		70-79 years	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : Soils - Markey Mucky Peat Mixed stand on low, wet terrain - inoperable. Age class diversity is present, so the age shown is a reasonable average.														
238	Q 5	L 0	1	88	7	60	30	mixed swamp conifer	mature	Y		70-79 years	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : Soils - Markey Mucky Peat Mixed stand on low, wet terrain - inoperable. Age class diversity is present, so the age shown is a reasonable average.														
239	L 0	L 0	5		0	0	20	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Markey Mucky Peat Lowland brush/open marsh with a few scattered trees included.														
240	W 8	Q 2	1		16	60	40	white pine	unevenaged	N		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Rare or unique land forms Blocked by other physical obstacle														
comnts Fmd : SCA - ERA Patterned Fen (Creighton Marsh) Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Large red and white pine over a mix of spruce, jack pine, red maple, etc. The understory is a mix of all species present plus areas of lowland brush. Due to the rolling terrain, site indices are somewhat variable. Inaccessible across the marsh - too wet.														
241	S 6	F 1	5	82	7	110	40	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Other Dept./Div. procedures or practices (describe in comment)														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV 6-8" DBH black spruce with 14-18" pine logs throughout on rolling terrain. Age of the spruce is approximate - age class diversity exists. T & E plant species may be found in the vicinity of this stand - hold for now pending completion of T & E survey.														
242	Z 0	Z 0	5		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Walsh Creek in the NW1/4 of section 19 T46N R15W, including seasonally flooded areas														
243	C 6	C 2	5	92	6	90	30	cedar	immature	N		60-69 years	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : Soils - Markey Mucky Peat Inoperable - Wet site featuring slow-growing cedar with spruce & tamarack. Also a few red maple, birch, balsam fir and white pine present. The understory is primarily cedar 0-2" DBH and lowland brush.														
244	B 6	F 2	5	76	8	80	46	paper birch	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Other special wildlife habitat consideration (desc. In comments) Blocked by other physical obstacle														
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mix of birch plus a few aspen, spruce, balsam fir and red maple. Hold for wildlife habitat - closed canopy cover for moose adjacent to the marsh. Some age class diversity is developing. Access is also difficult across the marsh.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA	Site Indx							
245	S 6	F 1	6	76	7	80	40	black spruce-swamp	immature	N		10-19 years	0	
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mix of spruce and a few larger red & white pine on rolling terrain. A few red maple, aspen, birch and balsam fir are also present. Stand density is somewhat variable, and in some places the understory is dominated by lowland brush. Access issues across the marsh may be a problem.</p>														
246	S 6	Q 1	3	76	7	80	40	black spruce-swamp	immature	N		10-19 years	0	
<p>comnts Fmd : Soils - Markey Mucky Peat Spruce on wet ground. A few balsam fir, cedar, tamarack & red maple are also present. In places lowland brush dominates the understory. Access issues across the marsh may be a problem.</p>														
247	S 6	Q 1	1	76	7	80	40	black spruce-swamp	immature	N		10-19 years	0	
<p>comnts Fmd : Soils - Markey Mucky Peat Spruce on wet ground. A few balsam fir, cedar, tamarack & red maple are also present. In places lowland brush dominates the understory. Access issues across the marsh may be a problem.</p>														
248	Q 4	L 0	7		6	20	26	mixed swamp conifer	sparse	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p>														
<p>comnts Fmd : Soils - Markey Mucky Peat Semi-open mix of slow-growing conifers with a few birch & red maple over lowland brush. Mixed softwood includes tamarack & cedar; mixed hardwood represents birch and red maple. Site indices are low but vary considerably with slight changes in elevation. Very wet and inoperable.</p>														
249	S 6	F 1	2	76	7	80	35	black spruce-swamp	immature	N		10-19 years	0	
<p>comnts Fmd : Soils - Markey Mucky Peat is shown on maps, but may be Finch-Spot Complex 0-3% slopes with PArVAa habitat. Mix of spruce and a few larger red & white pine on rolling terrain. Red maple, birch and balsam fir are also present. Stand density is somewhat variable, and in some places the understory is dominated by lowland brush. Mixed pulpwood represents birch, red maple and other conifers. Access issues across the marsh may be a problem.</p>														
250	P 6	F 2	6	76	9	80	46	balsam poplar & swamp aspen and swamp white birch	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle</p>														
<p>comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Mix of aspen, birch, spruce, balsam fir and red maple. Some age class diversity is developing. Access across the marsh is very difficult.</p>														
251	L 0	L 0	1		0	0	20	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Soils - Markey Mucky Peat Lowland brush/open marsh with a few scattered trees included.</p>														
252	Q 4	L 0	7		6	20	26	mixed swamp conifer	sparse	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p>														
<p>comnts Fmd : Soils - Markey Mucky Peat Semi-open mix of slow-growing conifers with a few birch & red maple over lowland brush. Mixed softwood includes tamarack & cedar; mixed hardwood represents birch and red maple. Site indices are low but vary considerably with slight changes in elevation. Very wet and inoperable.</p>														

* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
253	W 9	Q 2	3	16	110	40	white pine	unevenaged	N		20-29 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Large red and white pine over a mix of red maple and pine poles; scattered aspen, birch and spruce are also present. May have been partially cut in approximately 1950, leaving the pine. The understory is a mix of all species present plus areas of lowland brush. Due to the rolling terrain, site indices are somewhat variable.</p>														
254	J 3	X 0	10	9	0	0	45	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mix of jack pine & black spruce regeneration, with red pine, white pine and red maple regen also scattered throughout. In some spots the stocking is lighter, but the stand is still slowly filling in.</p>														
255	T 6	L 0	1	67	7	80	40	tamarack	immature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle</p>														
<p>comnts Fmd : Soils - Markey Mucky Peat 2-3 stick tamarack with red maple and a few scattered spruce & fir. Inaccessible across the marsh.</p>														
256	W 3	W 3	22	0	30	52	white pine	immature	N		40-49 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Stand is now stocked to W2-W3 level with a mix that includes all the pine spp. and a variety of others including spruce, red maple, aspen and cherry brush. The residual 8-16" DBH red & white pine are healthy.</p>														
257	R 3	S 3	9	5	0	20	52	red pine	immature	N		30-39 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Stand is now stocked to R3 level with red pine seedlings 1-2' tall plus a mix includes spruce, jack & white pines red maple and tamarack. The residual 6-16" DBH red pine are healthy.</p>														
258	E 3	L 0	1	5	2	10	46	swamp hardwoods	immature	N		70-79 years	0	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Wetter than the adjacent pine regeneration but still dryer than the lowlands to the west. Mostly red maple.</p>														
259	E 5	E 3	2	7	50	46	swamp hardwoods	unevenaged	Y		10-19 years	0		
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle</p>														
<p>comnts Fmd : Soils - Markey Mucky Peat Island of red maple on rolling terrain with a few tamarack, spruce and large red pine - inaccessible across the lowlands.</p>														
260	M 5	M 3	1	7	50	46	northern hardwood	unevenaged	N		10-19 years	0		
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle</p>														
<p>comnts Fmd : Soils - Markey Mucky Peat Island of upland red maple & aspen on rolling terrain with cedar on the fringes plus a few spruce, balsam fir and larger white pine - inaccessible across the lowlands.</p>														
261	M 5	M 3	1	7	50	46	northern hardwood	unevenaged	N		10-19 years	0		
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle</p>														
<p>comnts Fmd : Soils - Markey Mucky Peat Island of upland red maple & aspen on rolling terrain with cedar on the fringes plus a few spruce, balsam fir and larger white pine - inaccessible across the lowlands.</p>														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
262	M 5	M 3	1	7	50	46	northern hardwood	unevenaged	N		10-19 years	0		
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Soils - Markey Mucky Peat Island of upland red maple & aspen on rolling terrain with cedar on the fringes plus a few spruce, balsam fir and larger white pine - inaccessible across the lowlands.														
263	E 4	L 0	5	6	30	35	swamp hardwoods	unevenaged	N		10-19 years	0		
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : Soils - Markey Mucky Peat Poorly stocked lowland hardwoods with low site indices - too wet for operability.														
264	Q 6	F 2	4	7	80	35	mixed swamp conifer	unevenaged	N		10-19 years	0		
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : Soils - Markey Mucky Peat Unevenaged mix on rolling terrain.														
265	A 6	F 3	8	10	110	46	aspen (upland)	unevenaged	N	final harvest	within 0-9 years	1	natural regeneration	
comnts Fmd : Soils - Markey Mucky Peat Upland aspen/conifer mix ready to cut - TSI to regenerate aspen. Retention guidelines will be met at the time of sale preparation. Acceptable regen will include all species present. SALE PREPARATION NOTE: When preparing this stand, include stands # 21 & 49 in Cmp 155 (adjacent to the west) in the timber sale.														
266	Q 6	E 2	2	8	70	30	mixed swamp conifer	unevenaged	N		10-19 years	0		
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
comnts Fmd : Soils - Markey Mucky Peat Mix of conifers, birch and red maple on soft ground. Mixed softwood pulp includes cedar and balsam fir, and a few large white pine are also present. Hold while the adjacent aspen is being regenerated. The understory includes red maple, balsam fir and pockets of lowland brush.														
267	Q 6	F 3	6	7	100	40	mixed swamp conifer	unevenaged	N		10-19 years	0		
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
comnts Fmd : Soils - Finch Sand 0-3% slopes Habitat - PARVAa Mix of conifers and red maple on upland/transitional ground. Mixed log volume includes cedar and red maple. Many of the white pine log trees are 20-30" DBH. Hold this stand while the adjacent aspen is being regenerated.														
268	Q 5	L 0	6	7	50	26	mixed swamp conifer	unevenaged	Y		10-19 years	0		
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : Soils - Markey Mucky Peat Conifer/red maple mix on wet ground - inoperable.														
269	P 5	E 3	3	78	8	50	33	balsam poplar & swamp aspen and swamp white birch	mature	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : Soils - Markey Mucky Peat Aspen/red maple/birch mix on wet ground - inoperable. The understory is a mix of red maple, scattered conifers and lowland brush.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
270	S 3	F 3	4	24	3	0	40	black spruce-swamp	immature	N		60-69 years	0	
comnts Fmd : Soils - Finch Sand 0-3% slopes Habitat - PArVAa Spruce/fir stand that appears to have been cut around the early-to-mid-80's.														
271	A 3	M 3	3	24	3	0	50	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Soils - Finch Sand 0-3% slopes Habitat - PArVAa Aspen stand that appears to have been cut around the early-to-mid-80's.														
272	B 6	E 2	2		8	110	46	paper birch	mature	N	final harvest	within 0-9 years	3	natural regeneration
comnts Fmd : Soils - Finch Sand 0-3% slopes Habitat - PArVAa Mix of birch, balsam fir and a few surviving aspen on upland/transitional ground. The understory is a mix of red maple and balsam fir. Ready to harvest - retention guidelines will be met at the time of sale prep. Acceptable regen will include all species present. SALE PREPARATION NOTE: When preparing this stand, include stands # 21 & 49 in Cmp 155 (adjacent to the west) in the timber sale.														
273	E 6	E 2	2		8	80	46	aspen (upland)	mature	N	final harvest	within 0-9 years	3	natural regeneration
comnts Fmd : Soils - Finch Sand 0-3% slopes Habitat - PArVAa Mix of aspen, birch, balsam fir and red maple on upland/transitional ground. The understory is a mix of red maple and balsam fir. Ready to harvest - retention guidelines will be met at the time of sale prep. Acceptable regen will include all species present. SALE PREPARATION NOTE: When preparing this stand, include stands # 21 & 49 in Cmp 155 (adjacent to the west) in the timber sale.														
274	L 0	L 0	154		0	0	20	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Markey Mucky Peat Lowland brush with patches of open marsh and scattered merchantable trees included. Some areas may have enough trees (spruce, cedar, red maple and paper birch) to be called either a Q4 or E4, but site indices generally appear to be too low for classification as manageable timber and their boundaries are indistinct.														
275	E 4	L 0	1		7	40	35	swamp hardwoods	unevenaged	N		10-19 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Soils - Markey Mucky Peat Poorly stocked lowland hardwoods with low site indices - too wet for operability.														
276	E 5	F 2	1		8	60	46	swamp hardwoods	unevenaged	Y	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Markey Mucky Peat Red maple/birch mix with a few spruce, fir and pine. The understory is a mix of conifers and red maple. Ready to harvest - retention guidelines will be met at the time of sale prep. Acceptable regen will include all species present.														
277	E 6	E 3	2		8	90	46	swamp hardwoods	unevenaged	N	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Markey Mucky Peat Mix of red maple & cedar on transitional ground. The understory is a mix of red maple and balsam fir. Ready to harvest - retention guidelines will be met at the time of sale prep. Acceptable regen will include the same species present.														
278	M 6	M 3	1		8	70	46	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Soils - Markey Mucky Peat Red maple & a few pine etc. on an island of upland habitat. The understory is a mix of red maple and balsam fir. Pine logs are large (20-30" DBH) red & white pine; mixed volume includes scattered pine, spruce, fir and aspen. Probably inaccessible across the lowlands.														

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S t a n d	Cover Type- Size Dnsty	Under Story- Stkng Level	A c r e s	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need	
279	M 6	M 3	1		8	70	46	northern hardwood	unevenaged	N		10-19 years	0		
comnts Fmd : Soils - Markey Mucky Peat Red maple & a few pine etc. on an island of upland habitat. The understory is a mix of red maple and balsam fir. Pine logs are large (20-30" DBH) red & white pine; mixed volume includes scattered pine, spruce, fir and aspen. Probably inaccessible across the lowlands.															
280	M 5	M 3	1		8	50	46	northern hardwood	unevenaged	N		10-19 years	0		
comnts Fmd : Soils - Markey Mucky Peat Red maple & a few aspen on an island of upland habitat. The understory is a mix of red maple and balsam fir. Probably inaccessible across the lowlands.															
281	M 6	M 3	1		8	70	46	northern hardwood	unevenaged	N		10-19 years	0		
comnts Fmd : Soils - Markey Mucky Peat Red maple & a few pine etc. on an island of upland habitat. The understory is a mix of red maple and balsam fir. Pine logs are large (20-30" DBH) red & white pine; mixed volume includes scattered pine, spruce, fir and aspen. Probably inaccessible across the lowlands.															
282	M 5	M 3	3		8	60	46	northern hardwood	unevenaged	N		10-19 years	0		
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Red maple & a few aspen on an island of upland habitat. The understory is a mix of red maple and balsam fir. Probably inaccessible across the lowlands.															
283	E 5	F 2	1		8	60	46	swamp hardwoods	unevenaged	Y		10-19 years	0		
<u>Treatment Limiting Factors:</u> Too wet															
comnts Fmd : Soils - Markey Mucky Peat Red maple/birch mix with a few spruce, fir and pine. The understory is a mix of conifers, red maple and lowland brush. Probably inoperable - too soft and wet.															
284	M 5	M 3	1		8	60	46	northern hardwood	unevenaged	N		10-19 years	0		
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Red maple & a few aspen on an island of upland habitat. The understory is a mix of red maple and balsam fir. Probably inaccessible across the lowlands.															
285	W 9	M 3	1		20	80	50	white pine	unevenaged	N		10-19 years	0		
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Island of upland habitat featuring large red & white pine (up to 30" + DBH) plus scattered red maple/aspen. The understory is a mix of red maple, white pine and a few balsam fir. Probably inaccessible across the lowlands.															
286	W 8	M 3	1		11	60	50	white pine	unevenaged	N	shelterwood- prep	within 0-9 years	3		
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle															
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Island of upland habitat featuring arge red & white pine, plus scattered red maple and jack pine. The understory is a mix of red maple, white pine and a few balsam fir. Probably inaccessible across the lowlands.															

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Stand	Cover Type- Dnsty	Under Story- Stkng Level	A c r e s	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
287	J 6	M 3	1		11	80	50	jack pine	unevenaged	N	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Soils - Finch-Spot Complex 0-3% slopes Habitat - PArVAa Island of upland habitat featuring jack pine, large red & white pine, plus scattered red maple and other conifers. The understory is a mix of red maple, white pine and a few balsam fir. Probably inaccessible across the lowlands.														
288	Z 0	Z 0	3		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : flooded borrow pit along Highway M-28														
289	Z 0	Z 0	3		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : flooded borrow pit along Highway M-28														
290	A 3	F 3	17	11	2	0	50	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Young aspen - understory is a mix of balsam fir, spruce and red maple.														
291	E 6	E 3	1		8	70	46	swamp hardwoods	unevenaged	N		10-19 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Red maple with scattered conifers on soft, wet ground.														
292	L 0	L 0	1			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area with only a few trees - mostly lowland brush														
293	Q 2	Q 1	28	11	1	0	40	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mixed regen on rolling terrain - pockets of jack pine, spruce, mixed conifer/lowland hardwoods and lowland brush. More than half of the stand (9 of 15 plots) is in fact fully stocked, but the included areas of unstocked lowland brush lower the average. the As the stand matures further division into separate stands by dominant timber type may become economical, but for now this isn't necessary.														
294	L 0	V 0	1			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area - light lowland brush and open grassy bog.														
295	L 0	L 0	8			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area - light-to-heavy lowland brush and open grassy bog. Scattered slow-growing trees are also present.														
296	Z 0	Z 0	1		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : pond														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
297	Q 2	L 0	1	11	2	0	35	mixed swamp conifer	immature	N	70-79 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Wet area - Mixed regeneration (spruce, fir, tamarack, jack & white pines, red maple and birch) 0-4" DBH, many of which appear to be residuals from the previous stand that was cut in the mid-90's. Site index given is a rough estimate.</p>														
298	Q 5	E 3	1		7	40	35	mixed swamp conifer	unevenaged	N	70-79 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Visual buffer along Highway M-28 - mixed conifers on rolling terrain. Scattered red maple, aspen and birch are also present. Mixed softwood pulp includes pines, tamarack and balsam fir.</p>														
299	S 6	E 1	27	82	7	80	40	black spruce-swamp	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mature black spruce on rolling terrain with a few other conifers scattered throughout, including red pine logs on the higher knobs. Stand breakup (blowdown) is becoming evident. Harvest ASAP - retention guidelines will be met at the time of sale preparation. All conifer species are acceptable regeneration.</p>														
300	L 0	L 0	1			0		lowland brush	nonstocked	N	not scheduled	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area - light-to-heavy lowland brush. Scattered slow-growing trees are also present.</p>														
301	S 4	Q 2	2	82	7	30	30	black spruce-swamp	sparse	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p>														
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area with sparse timber. The understory varies from pure lowland brush to areas that are fully stocked with submerchantable conifers - mainly spruce. Site indices are extremely variable, and many areas appear to be inoperable. A few mature red & white pine logs are also present on elevated knobs.</p>														
302	S 6	E 2	34	72	7	80	40	black spruce-swamp	immature	N	10-19 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Black spruce on gently rolling terrain with a few other conifers scattered throughout, including red & white pine logs on the higher knobs. Minor age class diversity exists, and site indices are also variable. The lowest areas have lowland brush in the understory. Healthy enough to hold until the regen in the adjacent stands grows up enough to provide wildlife cover. In many areas this should also add volume by allowing a significant number of 4-5" DBH trees to become merchantable.</p>														
303	L 0	L 0	1			0		lowland brush	nonstocked	N	not scheduled	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area - light-to-heavy lowland brush.</p>														
304	R 9	S 2	3		13	80	52	red pine	unevenaged	N	20-29 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Red pine logs 12-16" DBH and poles 8-10" plus a few white pine. The understory is a mix of spruce, red maple, red, white & jack pines.</p>														

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SHINGLETON FOREST AREA

Stand Level Information

Compartment: 153 Entry Year: 2009

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA								
305	Q2	L0	3	9	1	0	35	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area with mixed regen, but primarily spruce/tamarack/jack pine. Some areas are dominated by lowland brush. Site index is variable, and many of the trees are 2-3" DBH residuals from the previous stand.														
306	L0	L0	6				0	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area - light-to-heavy lowland brush.														
307	Q2	L0	1	9	1	0	35	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area with mixed regen, but primarily spruce/tamarack/jack pine. Some areas are dominated by lowland brush. Site index is variable, and many of the trees are 2-3" DBH residuals from the previous stand.														
308	Q2	L0	15	9	1	0	35	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area with mixed regen, but primarily spruce/tamarack/jack pine. Some areas are dominated by lowland brush. Site index is variable, and many of the trees are 2-3" DBH residuals from the previous stand.														
309	L0	L0	55				0	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area - light-to-heavy lowland brush.														
310	J3	J3	7	9	1	0	45	jack pine	immature	N		40-49 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mixed regen, but primarily jack pine.														
311	J2	J2	1	9	1	0	45	jack pine	immature	N		40-49 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mixed regen, but primarily jack pine.														
312	Q2	L0	1	9	1	0	35	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area with mixed regen, but primarily spruce/tamarack/jack pine. Some areas are dominated by lowland brush. Site index is variable, and many of the trees are 2-3" DBH residuals from the previous stand.														
313	Q2	L0	1	9	1	0	35	mixed swamp conifer	immature	N		70-79 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area with mixed regen, but primarily spruce/tamarack/jack pine. Some areas are dominated by lowland brush. Site index is variable, and many of the trees are 2-3" DBH residuals from the previous stand.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
314	Q2	L0	2	9	1	0	35	mixed swamp conifer	immature	N	70-79 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area with mixed regen, but primarily spruce/tamarack/jack pine. Some areas are dominated by lowland brush. Site index is variable, and many of the trees are 2-3" DBH residuals from the previous stand.</p>														
315	Q2	L0	1	9	1	0	35	mixed swamp conifer	immature	N	70-79 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area with mixed regen, but primarily spruce/tamarack/jack pine. Some areas are dominated by lowland brush. Site index is variable, and many of the trees are 2-3" DBH residuals from the previous stand.</p>														
316	S3	L0	1	31	3	10	35	black spruce-swamp	immature	N	50-59 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Low, wet area with 2-4" DBH spruce regen & lowland brush. Age and site index are rough averages.</p>														
317	J3	S3	1	27	4	30	40	jack pine	immature	N	30-39 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Young jack pine/spruce mix on a slightly elevated knob - a few are just reaching merchantable size.</p>														
318	J3	S3	5	9	1	0	50	jack pine	immature	N	40-49 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mix of jack pine and black spruce regen up to 10' tall - 2003 regen survey typed the stand as S3, but in many places the jack pine regen is taller than the spruce and will dominate the stand. Jack pine was the original management objective.</p>														
319	S5	E2	1	82	6	60	30	black spruce-swamp	mature	Y	final harvest	within 0-9 years	1	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p>														
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Small pocket of slow-growing spruce - keep for wildlife cover while the large spruce stand to the west (stand #299) is harvested and regenerated.</p>														
320	J2	X0	2	5	1	0	50	jack pine	immature	N	40-49 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mixed regeneration including jack, red & white pines, spruce and red maple.</p>														
321	Q2	L0	2	9	1	0	35	mixed swamp conifer	immature	N	70-79 years	0		
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mixed regeneration spruce, tamarack, birch, pines and red maple.</p>														
322	Q5	E2	2		6	50	40	mixed swamp conifer	unevenaged	Y	20-29 years	0		
<p><u>Treatment Limiting Factors:</u> Scenic values/visual values</p>														
<p>comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Highway buffer - mix of spruce, jack pine, aspen and birch plus larger white pine. The understory includes all the same species plus lowland brush.</p>														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA	Site Indx							
323	J 1	G 0	1	5	0	50	jack pine	immature	N		within 0-9 years	0	planting	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Need to handplant more jack or red pine.														
324	S 4	L 0	5	8	20	40	black spruce-swamp	unevenaged	Y		20-29 years	0		
<u>Treatment Limiting Factors:</u> Scenic values/visual values														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Highway buffer - mix of spruce, aspen, hardwoods, etc. The understory includes all the same species plus lowland brush.														
325	S 6	S 2	5	82	7	90	black spruce-swamp	mature	Y	final harvest	within 0-9 years	2		
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Spruce with some jack pine, tamarack and a few aspen & red maple. The understory is a mix of spruce, red maple, a few aspen clones and lowland brush. Blowdown/breakup is occurring - harvest now. All species present are acceptable regeneration. Retention guidelines will be met at the time of sale preparation.														
326	S 5	E 2	3	30	8	40	black spruce-swamp	immature	N		50-59 years	0		
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mix of spruce, jack & white pines, and aspen/birch/red maple. The understory includes all the same species plus lowland brush.														
327	J 5	J 2	2	30	8	40	jack pine	immature	N		20-29 years	0		
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Young jack pine with a few aspen. The J2 understory has many stems that are 3-5" DBH and will eventually reach merchantable size.														
328	Q 2	L 0	3	30	2	0	mixed swamp conifer	immature	N		50-59 years	0		
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Slow-growing tamarack/spruce/jack pine etc. on wet terrain. Heavy lowland brush is slowing the trees down.														
329	S 6	S 2	1	82	7	80	black spruce-swamp	mature	Y		10-19 years	0		
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of spruce/jack pine - too far out in the marsh for reasonable access.														
330	S 4	L 0	1	8	20	40	black spruce-swamp	unevenaged	Y		20-29 years	0		
<u>Treatment Limiting Factors:</u> Scenic values/visual values														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Highway buffer - mix of spruce, aspen, hardwoods, etc. The understory includes all the same species plus lowland brush.														
331	S 6	S 2	1	82	7	80	black spruce-swamp	mature	Y		10-19 years	0		
<u>Treatment Limiting Factors:</u> Blocked by other physical obstacle														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of spruce etc. - too far out in the marsh for reasonable access. Mixed hardwood pulp includes scattered paper birch and red maple.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
332	S 6	S 2	1	82	7	80	37	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of spruce etc. - too far out in the marsh for reasonable access. Mixed hardwood pulp includes scattered paper birch and red maple.														
333	S 6	S 2	1	82	7	80	37	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of spruce etc. - too far out in the marsh for reasonable access. Mixed hardwood pulp includes scattered paper birch and red maple.														
334	T 6	L 0	1	82	7	70	37	tamarack	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Island of timber too far out in the marsh for reasonable access.														
335	T 6	L 0	1	82	7	70	37	tamarack	mature	Y	final harvest	within 0-9 years	3	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Ready to cut - Retention guidelines will be met at the time of sale preparation. Acceptable regen includes all conifer species.														
336	J 6	X 0	1	82	9	100	50	jack pine	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mature jack pine with a few scattered red pine - ready to cut. Acceptable regeneration will be all pines and spruce. Retention guidelines will be met at the time of sale preparation.														
337	Q 5	S 1	3		6	50	26	mixed swamp conifer	unevenaged	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Slow-growing mixed conifers. Inoperable - too wet. The understory is a mix of conifer regeneration and lowland brush. Site index is an estimate - age class diversity makes this difficult to assess.														
338	J 6	S 1	1	82	8	70	45	jack pine	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mature jack pine/spruce with a few tamarack etc. - ready to cut. Acceptable regeneration will be all conifers. Retention guidelines will be met at the time of sale preparation.														
339	J 6	S 1	3	82	10	110	45	jack pine	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mature jack pine with a few red & white pine logs, tamarack, etc. - ready to cut. Acceptable regeneration will be all conifers. Retention guidelines will be met at the time of sale preparation.														
340	J 2	J 2	2	9	1	0	45	jack pine	immature	N		40-49 years	0	
comnts Fmd : Soils - Kinross-Augres-Rubicon Deep Water Table Complex, 0-15% slopes Secondary Habitat - PArV Mixed regen, but primarily jack pine.														

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SHINGLETON FOREST AREA

Stand Level Information

Compartment: 153 Entry Year: 2009

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
401	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : POWERLINE														
402	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - 26A Finch-Spot Complex 0-3% slopes Habitat - PArVAa Grassy opening														
403	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - 26A Finch-Spot Complex 0-3% slopes Habitat - PArVAa Grassy opening														
404	G 0	G 0	12			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : POWERLINE - many patches of young conifers 2-4' tall, but the power company maintains the r.o.w.														
405	G 0	G 0	25			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Highway M-28 right-of-way - includes some scattered trees and lowland brush, etc.														
Total Acres..... 2969														