

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 17

Entry Year: 2008

\* 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	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
1	C 6	E 3	1	125	7	70	26	cedar	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Nominated for POG in 1997; recommend de-listing unless a valid reason is provided through the compartment review process.                      Soils - Ausable, Deford and Tawas mucks, frequently flooded                      Surface sediments consist of lacustrine (lake) sand and gravel and peat &amp; muck. There is insufficient data to determine the glacial drift thickness. The Ordovician Trenton and Black River Groups subcrop below the glacial drift. The Trenton and Black River are quarried for stone/dolomite elsewhere in the UP. Gravel pits are not found in the area and potential appears to be limited There is no commercial oil and gas production in the UP.</p>														
2	L 0	L 0	3		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Nominated for POG in 1997; recommend de-listing unless a valid reason is provided through the compartment review process.                      Soils - Ausable, Deford and Tawas mucks, frequently flooded                      Lowland brush along the W. Branch Manistique River</p>														
3	C 6	E 3	33	125	7	80	26	cedar	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Nominated for POG in 1997; recommend de-listing unless a valid reason is provided through the compartment review process.                      Soils - Deford muck                      Mixed hardwood pulp includes scattered black ash &amp; red maple. The understory includes b. ash, r. maple, balsam fir and lowland brush. A few white pine are also scattered in this stand.</p>														
4	C 6	E 3	1	125	7	70	26	cedar	immature	N		20-29 years	0	
<p>comnts Fmd : Soils - Deford muck                      E3 understory includes ash, balsam fir and lowland brush.</p>														
5	C 6	E 3	2	125	7	80	26	cedar	immature	N		20-29 years	0	
<p>comnts Fmd : Soils - Kinross muck                      E3 understory includes ash, balsam fir and lowland brush. A few larger white pine are scattered throughout this stand.</p>														
6	C 5	E 3	2	125	7	50	26	cedar	immature	N		20-29 years	0	
<p>comnts Fmd : Soils - Kinross muck                      Understory is mostly ash and lowland brush.</p>														
7	C 6	E 3	1	125	7	80	26	cedar	immature	N		20-29 years	0	
<p>comnts Fmd : Soils - Deford muck                      E3 understory includes ash, balsam fir and lowland brush. A few larger white pine are scattered throughout this stand.</p>														
8	C 5	E 3	1	125	7	50	26	cedar	immature	N		20-29 years	0	
<p>comnts Fmd : Soils - Deford muck                      Understory is mostly ash and lowland brush.</p>														
9	L 0	L 0	62		0	0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Soils - Deford muck                      Mix of lowland brush, marsh and small, scattered pockets of cedar &amp; ash. Site indices for tree species appear to vary quite a bit with slight changes in elevation - trees in some areas have reached merchantable size, but not enough to map out stands with potential for management.</p>														
10	C 6	E 3	1	125	7	70	26	cedar	immature	N		20-29 years	0	
<p>comnts Fmd : Soils - Deford muck                      E3 understory includes ash, balsam fir and lowland brush.</p>														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acres	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA	Site Indx							
11	C 5	E 3	4	125	7	50	26	cedar	immature	N		20-29 years	0	
comnts Fmd : Soils - Deford muck Understory is mostly ash and lowland brush.														
12	L 0	L 0	2		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Deford muck Mix of lowland brush, marsh and a few scattered trees.														
13	C 6	E 3	1	125	7	80	26	cedar	immature	N		20-29 years	0	
comnts Fmd : Soils - Deford muck E3 understory includes ash, balsam fir and lowland brush.														
14	C 6	F 3	55	95	7	100	30	cedar	immature	N		70-79 years	0	
comnts Fmd : Soils - Deford muck F3 understory includes ash, balsam fir and lowland brush. White pine scattered throughout.														
15	E 4	E 2	7	83	7	30	30	swamp hardwoods	sparse	Y		50-59 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc. Too wet														
comnts Fmd : Soils - Deford muck Sparse stand on very wet ground - mostly scattered ash & cedar with pockets of red maple. Basal area and site indices are highly variable. The understory includes ash, conifers and lowland brush.														
16	M 6	F 3	6		9	90	50	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Rubicon sand, 6-15% slopes Habitat type - PArV The upland red maple component probably dates back to about 1935, with older white pine and cedar mixed in. The aspen and paper birch have all but died out of this stand, but a few are hanging on. Some red pine also scattered through the area, and the understory is mostly spruce/fir.														
17	N 0	N 0	25		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Marsh and scattered brush - seasonally flooded.														
18	L 0	L 0	241		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - In section 21: Ausable, Deford and Tawas mucks, frequently flooded; in section 20, Markey mucky peat. Mix of lowland brush and marsh, with pockets of submerchantable trees.														
19	W 9	S 3	3	91	13	120	50	white pine	immature	N		10-19 years	0	
comnts Fmd : Soils - Rubicon sand, 15-35% slopes Habitat type - PArV Tall white pine but not many larger diameter trees. A few red pine sawlogs & poles are also mixed in.														
20	E 6	F 3	4		8	90	50	swamp hardwoods	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Rubicon sand, 6-15% slopes Habitat type - PArV Paper birch/red maple stand where much of the paper birch is already dead or dying - as a result uneven-aged characteristics are rapidly developing. The surviving birch and the red & white pine suggest a stand year of origin around 1950.														
21	N 0	N 0	4		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded														

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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							
22	L 0	L 0	2		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Mix of lowland brush and marsh.														
23	B 6	S 3	5	58	10	80	50	paper birch	mature	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Bridge needed (portable bridge not available or inadequate)														
comnts Fmd : Soils - Rubicon sand, 15-35% slopes Habitat type - PArV Stand of paper birch with some red maple and red & white pine logs. The understory is primarily black spruce. The birch are overmature and starting to break up, but access across Hickey Creek is not presently available. Succession to spruce is likely to continue.														
24	C 6	E 3	15	88	8	110	30	cedar	immature	N		50-59 years	0	
comnts Fmd : Soils & Habitat types - The northwest half of the stand features the Augres-Deford complex at 0-3% slope and PArVAa habitat; the southwest half of the stand is on the Rubicon-Deford complex at 0-35% slopes with PArV habitat. This is a cedar stand with paper birch , red maple, black spruce and balsam fir. Scattered larger (2-3 log) white pine are also present. The understory varies considerably from non-stocked or lowland brush to fully-stocked lowland hardwoods and/or conifers.														
25	C 6	E 3	8	88	8	110	30	cedar	immature	N		50-59 years	0	
comnts Fmd : Soils - Deford-Rubicon-Augres complex, 0-15% slopes Habitat type - PArV on the Rubicon sand and PArVAa on the Augres sand Cedar stand with paper birch , red maple, black spruce and balsam fir. Scattered larger (2-3 log) white pine are also present. The understory varies considerably from non-stocked or lowland brush to fully-stocked lowland hardwoods and/or conifers.														
26	C 6	E 3	10	88	8	110	30	cedar	immature	N		50-59 years	0	
comnts Fmd : Soils - Spot-Finch complex 0-3% slope Habitat - PArVAa Cedar stand with paper birch , red maple, black spruce and balsam fir. Scattered larger (2-3 log) white pine are also present.														
27	C 6	E 3	1	88	8	110	30	cedar	immature	N		50-59 years	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Cedar stand with a few paper birch, red maple, black spruce and balsam fir. The understory varies from non-stocked or lowland brush to lowland hardwoods.														
28	C 6	E 3	13	88	8	110	30	cedar	immature	N		50-59 years	0	
comnts Fmd : Soils & Habitat - Spot-Finch complex 0-3% slope and PArVAa habitat in the south half of this stand; Rubicon sand at 15-35% slopes and PArV in the north half  Cedar stand with paper birch , red maple, black spruce and balsam fir. Scattered larger (2-3 log) white pine are also present. The understory varies considerably from non-stocked or lowland brush to fully-stocked lowland hardwoods and/or conifers.														
29	C 6	E 3	1	88	8	110	30	cedar	immature	N		50-59 years	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Cedar stand with a few paper birch, red maple, black spruce and balsam fir. The understory varies from non-stocked or lowland brush to lowland hardwoods.														
30	C 5	C 3	7	66	6	50	23	cedar	immature	N		not scheduled	0	
comnts Fmd : Soils & habitat - This stand occupies a transitional area between Rubicon sand/PArV habitat, Spot-Finch complex/PArVAa habitat and Markey Muckey peat. Slopes vary from 0-35% Cedar on very wet ground that appears to be younger but also slower growing than the surrounding cedar stands. Many of the merchantable trees are still only one pulpstick.														

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Stand	Cover Type-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							
31	N 0	N 0	8		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Markey mucky peat Marsh and scattered brush - seasonally flooded.														
32	Q 6	S 3	15	102	8	90	30	mixed swamp conifer	mature	Y	seed tree	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Bridge needed (portable bridge not available or inadequate) Blocked by other physical obstacle														
comnts Fmd : Soils & habitat - This stand features Rubicon sand/PArV habitat on the southeast and northwest ends (higher ground) and Spot-Finch complex/PArVAa habitat in the middle. Slopes vary from 0-35%.														
This stand is mostly cedar but also features red & white pine logs & pulp on the higher ground. Because of the rolling terrain, the site indices and understory are both variable; the figures shown represent the areas where cedar is predominant. Mixed softwood pulp includes red pine and tamarack. This stand was classified as a pine stand and prescribed during the last entry, but barriers to access (crossing Hickey Creek and wet ground in the marsh) are unchanged.														
33	R 9	S 3	4	102	12	90	52	red pine	mature	Y	shelterwood-seed	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Bridge needed (portable bridge not available or inadequate) Blocked by other physical obstacle														
comnts Fmd : Soils - Deford muck, but this timber is probably on elevated inclusions of soils with better drainage such as Paquin-Finch sands. Site indices vary somewhat throughout the stand area. Red pine stand that was prescribed during last entry, but difficulties with access are still a problem.														
34	Q 6	Q 3	5	73	7	70	40	mixed swamp conifer	immature	N		10-19 years	0	
comnts Fmd : Soils - Deford muck, but this timber is probably on inclusions of soils with somewhat better drainage such as Paquin-Finch sands. Site indices vary throughout the stand area.														
35	C 6	E 3	10	88	8	80	30	cedar	immature	N		50-59 years	0	
comnts Fmd : Soils - Deford muck, probably with inclusions of soils such as Paquin-Finch sands that feature better drainage. This is a cedar stand on rolling terrain, with some white pine on the higher knobs and tamarack also present. The understory is lowland brush in the wetter areas.														
36	L 0	L 0	6		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable-Deford-Tawas mucks. Mix of lowland brush and marsh.														
37	A 6	F 2	12	66	9	100	62	aspen (upland)	mature	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Bridge needed (portable bridge not available or inadequate)														
comnts Fmd : Soils - most of the stand area is mapped as Ausable-Deford-Tawas mucks, but this stand is on an elevated ridge that is most likely an inclusion of the Rubicon-Deford complex with slopes of 0-35%. Site indices appear to be quite variable - the figure shown here represents the very best potential for the area. This is a mixed stand of aspen/paper birch/red maple on flat-to-rolling terrain. The understory is primarily balsam fir. The aspen & birch are overmature and starting to break up, but access across Hickey Creek is not presently available. Succession to lowland conifers (fir/spruce) is likely to continue.														
38	E 5	F 3	2		7	40	50	swamp hardwoods	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Rubicon-Deford complex with slopes of 0-35%. Habitat - PArV Mixed stand on an island of upland habitat. The variety of age/size classes present suggests that it may have been partially cut, and therefore the site index given is only a rough estimate. The red maple averages 2-3 pulpsticks; mixed wood consists of birch and spruce 3-5 sticks tall. The understory is a mix of fir, spruce and red maple.														

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					B H	Tot. BA	Site Indx							
39	L 0	L 0	30		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Mix of lowland brush and marsh, with scattered trees and flooded areas.														
40	A 6	F 3	2	66	10	80	62	aspen (upland)	mature	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Bridge needed (portable bridge not available or inadequate)														
comnts Fmd : Soils - the stand area is mapped as Ausable-Deford-Tawas mucks, but this stand is on slightly elevated ground that is most likely an inclusion of better-drained soil such as the Rubicon-Deford complex. This is a mixed stand of aspen/paper birch/red maple. The understory is primarily balsam fir and red maple. The aspen & birch are overmature and starting to break up, but access across Hickey Creek is not presently available. Succession to lowland conifers (fir/spruce/cedar/red maple mix) is likely to continue.														
41	L 0	L 0	3		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable-Deford-Tawas mucks Mix of lowland brush and marsh.														
42	L 0	L 0	15		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable-Deford-Tawas mucks Mix of lowland brush and marsh.														
43	N 0	N 0	7		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable-Deford-Tawas mucks Marsh and scattered brush - seasonally flooded.														
44	A 6	F 3	166	66	10	80	62	aspen (upland)	mature	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Bridge needed (portable bridge not available or inadequate)														
comnts Fmd : Soils - the stand area is mapped as Deford muck with areas of better-drained soil such as Rubicon sands at various slopes, and habitat types of PArV on the sand. Based on observation, the areas mapped as muck soils also display numerous inclusions of sandier ground with better drainage.  This is a large mixed stand of aspen/paper birch/red maple on rolling terrain. The understory is primarily balsam fir. Pockets of cedar and/or black ash occupy the lower ground, plus scattered hemlock, spruce & white pine are also present. Site indices vary with changes in elevation - the figure shown here represents the areas with better drainage. The aspen & birch are overmature and starting to break up, but access across Hickey Creek is not presently available - a bridge is needed. Succession to lowland conifers (fir/spruce/cedar/red maple mix) is likely to continue. If cutting does occur, retain all hemlock and the scattered red & white pine. Acceptable regeneration includes all commercial timber species. Wld : The habitat goal for this stand is to develop a young stand of aspen containing the structural diversity of mature conifer scattered throughout. Clearcutting the stand while leaving some red and white pine and all hemlock will accomplish this objective.														
45	N 0	N 0	4		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Markey mucky peat Marsh and scattered brush - seasonally flooded.														
46	N 0	N 0	1		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Markey mucky peat Marsh and scattered brush - seasonally flooded.														
47	N 0	N 0	1		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded. Marsh and scattered brush.														

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					B H	Tot. BA	Site Indx							
48	C 6	E 3	2	88	8	190	35	cedar	immature	N		50-59 years	0	
comnts Fmd : Soil - Deford muck Cedar stand with red maple, black spruce and balsam fir. Scattered white pine and a few paper birch are also present. The understory is fir and spruce.														
49	C 6	E 3	3	88	8	190	35	cedar	immature	N		50-59 years	0	
comnts Fmd : Soils - Rubicon-Deford complex with slopes of 0-35%. Habitat - PArV Cedar stand with red maple, black spruce and balsam fir. Scattered white pine and a few paper birch are also present. The understory is fir and spruce.														
50	E 5	E 2	3		6	60	46	swamp hardwoods	unevenaged	N		20-29 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc. Too wet														
comnts Fmd : Soils - Rubicon-Deford complex with slopes of 0-35%. Habitat - PArV This was once a stand of paper birch, but virtually all of it is dead. Red maple and black ash have taken over the site. The understory includes ash, red maple, conifers and lowland brush. The stand's year of origin was probably around 1920, but unevenaged characteristics are now evident.														
51	W 9	Q 2	3	102	18	180	52	white pine	mature	Y	shelterwood-seed	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Bridge needed (portable bridge not available or inadequate) Blocked by other physical obstacle														
comnts Fmd : Soils - Rubicon-Deford complex with slopes of 0-35%. Habitat - PArV Large white pine over cedar poles and scattered conifer regeneration. Mixed pulpwood volume includes scattered aspen and paper birch. Access problems make harvest unlikely.														
52	C 6	E 3	1	87	7	100	26	cedar	immature	N		not scheduled	0	
comnts Fmd : Soil - Deford muck Mixed hardwood includes red maple and the surviving paper birch. The understory is a mix of red maple, black ash, and lowland shrubs.														
53	C 6	E 3	2	87	7	100	26	cedar	immature	N		not scheduled	0	
comnts Fmd : Soils - Rubicon-Deford complex with slopes of 0-35%. Habitat - PArV Mixed hardwood includes red maple and the surviving paper birch. The understory is a mix of red maple, black ash, and lowland shrubs.														
54	N 0	N 0	1		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Markey mucky peat Marsh - seasonally flooded.														
55	R 6	F 3	2	90	10	180	52	red pine	mature	Y	shelterwood-seed	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Bridge needed (portable bridge not available or inadequate) Blocked by other physical obstacle														
comnts Fmd : Soils - Rubicon-Deford complex with slopes of 0-35%. Habitat - PArV Very heavily stocked, but this has left very little room for diameter growth. The understory is a mix of fir and white pine. Ready to harvest, but access issues make this unlikely.														

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56	N 0	N 0	1	0	0			marsh	nonstocked	N		not scheduled	0		
comnts Fmd : Soils - Markey mucky peat Marsh - seasonally flooded.															
57	Q 6	F 2	1	73	8	90	40	mixed swamp conifer	two aged	N		10-19 years	0		
comnts Fmd : Soils - Augres-Deford complex, 0-3% slope Habitat type - PARVAa Large (18"+ DBH) pine over a mix of younger conifers. The understory is a mix of spruce, fir, white pine, red maple, and lowland brush. The pine are considerably older than the age shown here. The site index given is based on similar stands nearby. Access for harvest seems virtually impossible.															
58	Q 6	F 1	2	102	10	110	30	mixed swamp conifer	two aged	Y	seed tree	within 0-9 years	3		
<u>Treatment Limiting Factors:</u> Bridge needed (portable bridge not available or inadequate) Blocked by other physical obstacle															
comnts Fmd : Soils - Augres-Deford complex, 0-3% slope Habitat type - PARVAa This stand is a mix of conifers that also features large (18"+ DBH) red & white pine logs, some of which which should be kept to fulfill retention guidelines. A few jack pine, paper birch and white pine poles are also present. Because of the rolling terrain, the site indices and understory are both variable. Barriers to access (crossing Hickey Creek and wet ground in the marsh) are likely to make harvest impossible. The site index shown is from cedar stands nearby .															
59	N 0	N 0	1	0	0			marsh	nonstocked	N		not scheduled	0		
comnts Fmd : Soils - Markey mucky peat Marsh - seasonally flooded.															
60	C 6	F 3	27	87	8	180	30	cedar	immature	N		60-69 years	0		
comnts Fmd : Soils - Most of the stand is on Finch sand at 0-3% slope, but the south end lies in an mapped as Deford muck. Habitat - PARVAa on the Finch sand Cedar stand with scattered larger white pine, etc. Mixed softwood pulp includes 3-to-6 stick spruce and pine, while other commercial species include mixed aspen, paper birch and red maple. The mixed aspen and birch are up to 5-6 sticks tall, but many are dying off.															
61	A 6	F 3	5	66	10	80	62	aspen (upland)	mature	Y	final harvest	within 0-9 years	3		
<u>Treatment Limiting Factors:</u> Bridge needed (portable bridge not available or inadequate)															
comnts Fmd : Soils - mapped as Deford muck, but this stand is probably located on an inclusion of soils with better drainage such as a Rubicon-Deford complex. Site indices are variable; the figure shown here represents the best potential. This is a mixed stand of aspen/paper birch/red maple on rolling terrain. The understory is primarily balsam fir. Pockets of cedar and/or black ash, plus a few scattered hemlock, spruce & white pine, are also present. The aspen & birch are overmature and starting to break up, but access across Hickey Creek is not presently available. Succession to lowland conifers (fir/spruce/cedar/red maple mix) is likely to continue.															
62	C 6	F 1	3	87	7	70	26	cedar	immature	N		60-69 years	0		
comnts Fmd : Soil - Deford muck Cedar mix with a few conifers and lowland brush in the understory on a wet site. Mixed softwood includes spruce, white pine and a few balsam fir; mixed hardwood includes paper birch and red maple. Blowdown and other natural disturbances are creating an unevenaged condition, but all species appear to be relatively slow-growing.															
63	C 6	Q 2	1	125	8	100	26	cedar	immature	N		not scheduled	0		
comnts Fmd : Soil - Deford muck Cedar stand that is developing some unevenaged characteristics due to natural disturbance - the year of origin given here reflects the approximate age of the oldest cohorts. The tree heights & diameters, as well as the stand density, vary within the stand. The site index given was obtained from other cedar stands nearby. This stand also has a few paper birch and spruce, and the understory is a mix of cedar, balsam fir and lowland brush.															

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	Ave. D	B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
64	C 6	Q 3	13	87	8	130	30	cedar	immature	N		60-69 years	0	
<p>comnts Fmd : Soil - Deford muck                      Cedar stand with scattered white pine, etc. Mixed softwood pulp includes spruce and tamarack, while other commercial species include mixed aspen, paper birch and red maple. The aspen and birch are dying off.                      The understory varies significantly, but is generally some mix of cedar, fir, spruce, red maple and lowland brush. Small but numerous swales dominated by non-commercial black ash, lowland brush and marsh grass are also present within the stand boundaries.</p>														
65	N 0	N 0	5		0	0		marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Soil - Deford muck                      Marsh - seasonally flooded.</p>														
66	Q 5	L 0	1	102	7	40	20	mixed swamp conifer	low quality	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u>                      Too wet                      Inadequate volume due to low stocking/small diameter/etc.</p>														
<p>comnts Fmd : Soil - Deford muck                      Rolling terrain that features extremely variable site indices, but no areas large enough to map out as separate timber stands. In general the area can be described as pockets of trees with lowland brush dominating the understory.                      The year of origin given here is an estimate based on other stands in the area, as very little definitive stand structure exists to classify. Significant age diversity is present.                      Timber quality is generally low and probably not worth consideration for commercial management. Mixed softwood includes spruce, tamarack and a few white pine; other commercial species include black ash, red maple and mixed aspen.</p>														
67	Q 5	L 0	2	102	7	40	20	mixed swamp conifer	low quality	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u>                      Too wet                      Inadequate volume due to low stocking/small diameter/etc.</p>														
<p>comnts Fmd : Soil - Deford muck                      Rolling terrain that features extremely variable site indices, but no areas large enough to map out as separate timber stands. In general the area can be described as pockets of trees with lowland brush dominating the understory.                      The year of origin given here is an estimate based on other stands in the area, as very little definitive stand structure exists to classify. Significant age diversity is present.                      Timber quality is generally low and probably not worth consideration for commercial management. Mixed softwood includes spruce, tamarack and a few white pine; other commercial species include black ash, red maple and mixed aspen.</p>														
68	Q 5	L 0	2	102	7	40	20	mixed swamp conifer	low quality	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u>                      Too wet                      Inadequate volume due to low stocking/small diameter/etc.</p>														
<p>comnts Fmd : Soil - Deford muck                      Rolling terrain that features extremely variable site indices, but no areas large enough to map out as separate timber stands. In general the area can be described as pockets of trees with lowland brush dominating the understory.                      The year of origin given here is an estimate based on other stands in the area, as very little definitive stand structure exists to classify. Significant age diversity is present.                      Timber quality is generally low and probably not worth consideration for commercial management. Mixed softwood includes spruce, tamarack and a few white pine; other commercial species include black ash, red maple and mixed aspen.</p>														
69	Q 5	S 2	1	73	6	60	30	mixed swamp conifer	immature	N		10-19 years	0	
<p>comnts Fmd : Soil - Deford muck                      Slow-growing mix of spruce, paper birch and cedar. Older birch were present but most have died out. This stand might have a similar history to #62 (adjacent to the south) but natural disturbances and a wetter site have affected its development. The understory includes spruce, cedar, hardwood regeneration and lowland brush.</p>														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 17

Entry Year: 2008

\* 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	Age	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
70	C 4	L 0	3	8	20	20	cedar	sparse	N		not scheduled	0		
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Pockets of slow-growing cedar along with a few scattered spruce, paper birch and black ash in an extremely wet area - part of the Hickey Creek flood plain. The merchantable-sized timber is mostly found on small hummocks, but scattered submerchantable conifers and ash are spread throughout. Commercial management is not feasible.														
71	Z 0	Z 0	4	0	0		water	nonstocked	N		not scheduled	0		
comnts Fmd : Hickey Creek														
72	C 4	L 0	1	8	20	20	cedar	sparse	N		not scheduled	0		
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Pockets of slow-growing cedar along with a few scattered spruce, paper birch and black ash in an extremely wet area - part of the Hickey Creek flood plain. The merchantable-sized timber is mostly found on small hummocks, but scattered submerchantable conifers and ash are spread throughout. Commercial management is not feasible.														
73	C 4	L 0	8	8	20	20	cedar	sparse	N		not scheduled	0		
comnts Fmd : Soil - Deford muck Pockets of slow-growing cedar along with a few scattered spruce, paper birch and black ash in an extremely wet area - part of the Hickey Creek flood plain. The merchantable-sized timber is mostly found on small hummocks, but scattered submerchantable conifers and ash are spread throughout. Commercial management is not feasible.														
74	L 0	L 0	5	0	0		lowland brush	nonstocked	N		not scheduled	0		
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Lowland brush - tag alder etc. along Hickey Creek														
75	L 0	L 0	1	0	0		lowland brush	nonstocked	N		not scheduled	0		
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Lowland brush - tag alder etc. along Hickey Creek														
76	L 0	L 0	22	0	0		lowland brush	nonstocked	N		not scheduled	0		
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Lowland brush - tag alder etc. along Hickey Creek														
77	L 0	L 0	5	0	0		lowland brush	nonstocked	N		not scheduled	0		
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Lowland brush - tag alder etc. along Hickey Creek														
78	C 6	Q 2	2	87	8	100	30	cedar	immature	N	60-69 years	0		
comnts Fmd : Soil - Deford muck Cedar stand with scattered spruce, birch etc. The understory varies significantly, but is generally some mix of cedar, fir, spruce, red maple and lowland brush.														
79	A 3	M 3	12	12	2	0	60	aspen (upland)	immature	N	40-49 years	0		
comnts Fmd : Soils - Paquin-Finch sands, 0-6% slopes Habitat type - ATFD Cut in 1994. Understory is primarily red maple and a few conifers.														
80	Z 0	Z 0	2	0	0		water	nonstocked	N		not scheduled	0		
comnts Fmd : Hickey Creek														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 17

Entry Year: 2008

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Stand	Cover Type-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							
81	L 0	L 0	1		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Lowland brush - tag alder etc. along Hickey Creek														
82	L 0	L 0	1		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Lowland brush - tag alder etc. along Hickey Creek														
83	N 0	N 0	1		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Marsh and scattered brush - seasonally flooded.														
84	Q 6	F 3	1	73	8	90	40	mixed swamp conifer	immature	N		10-19 years	0	
comnts Fmd : Soils - the stand area is mapped as Ausable-Deford-Tawas mucks, but this stand is on an elevated knob that is most likely an inclusion of the Rubicon-Deford complex with slopes of 0-35%. This sharply rolling terrain adjacent to Hickey Creek supports a mix of conifers including jack & white pines, black & white spruces, balsam fir and cedar. Red maple is present throughout, and the understory is mostly fir and spruce. The softwood logs consist of 12-14" DBH white spruce and white pine. The variety of species and size classes suggest either a two-storied or unevenaged condition, but the age shown here is consistent with similar stands in this compartment.														
85	C 6	Q 1	1	73	6	80	30	cedar	immature	N		70-79 years	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Slow-growing cedar. Scattered larger spruce and a few paper birch are also present. The understory is fir, cedar and lowland brush. Some of the cedar are significantly larger, and this stand is still filling in.														
86	C 4	L 0	1		8	20	20	cedar	sparse	N		not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Pockets of slow-growing cedar along with a few scattered spruce, paper birch and black ash in an extremely wet area - part of the Hickey Creek flood plain. The merchantable-sized timber is mostly found on small hummocks, but scattered submerchantable conifers and ash are spread throughout. Commercial management is not feasible.														
87	C 4	L 0	1		8	20	20	cedar	sparse	N		not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Pockets of slow-growing cedar along with a few scattered spruce, paper birch and black ash in an extremely wet area - part of the Hickey Creek flood plain. The merchantable-sized timber is mostly found on small hummocks, but scattered submerchantable conifers and ash are spread throughout. Commercial management is not feasible.														
88	C 6	Q 2	2	73	6	120	30	cedar	immature	N		70-79 years	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded 1-2 stick cedar adjacent to Hickey Creek														
89	C 5	C 2	1	73	6	50	30	cedar	immature	N		70-79 years	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded 1-2 stick cedar near Hickey Creek														
90	L 0	L 0	1		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Lowland brush/marsh along Hickey Creek														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 17 Entry Year: 2008

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H	Tot. BA							
91	L 0	L 0	1	0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Lowland brush/marsh along Hickey Creek													
92	C 6	Q 2	2	73	6	100	30	cedar	immature	N	70-79 years	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded 2-stick cedar adjacent to Hickey Creek. The understory is a mix of conifers, black ash, red maple and lowland brush.													
93	E 6	E 2	1		7	70	46	swamp hardwoods	unevenaged	N	30-39 years	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Wet site - this was once an aspen/birch stand, but most of those have died out leaving a mix of red maple and conifers. Mixed commercial pulpwood represents the surviving paper birch & aspen.													
94	Z 0	Z 0	1	0	0			water	nonstocked	N	not scheduled	0	
comnts Fmd : Hickey Creek													
95	C 5	L 0	2	87	8	60	26	cedar	sparse	N	60-69 years	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Pockets of slow-growing cedar and spruce along with a few scattered paper birch and red maple in an extremely wet area - part of the Hickey Creek flood plain.													
96	C 4	L 0	1		8	20	20	cedar	sparse	N	not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Pockets of slow-growing cedar along with a few scattered spruce, paper birch and black ash in an extremely wet area - part of the Hickey Creek flood plain. The merchantable-sized timber is mostly found on small hummocks, but scattered submerchantable conifers and ash are spread throughout. Commercial management is not feasible.													
97	L 0	L 0	1	0	0			lowland brush	nonstocked	N	not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Lowland brush/marsh along Hickey Creek													
98	C 4	L 0	2		8	20	20	cedar	sparse	N	not scheduled	0	
comnts Fmd : Soils - Ausable, Deford and Tawas mucks, frequently flooded Pockets of slow-growing cedar along with a few scattered spruce, paper birch and black ash in an extremely wet area - part of the Hickey Creek flood plain. The merchantable-sized timber is mostly found on small hummocks, but scattered submerchantable conifers and ash are spread throughout. Commercial management is not feasible.													
99	A 3	M 3	14	12	2	0	60	aspen (upland)	mature	N	50-59 years	0	
comnts Fmd : Soils - Paquin-Finch sands, 0-6% slopes Habitat type - ATFD													

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Stand ID	Cover Type-Size Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
100	A 6	F 3	3	89	10	100	51	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration

comnts Fmd : Soils - Deford Muck

[6-15-04] JS - TS 027-99 has been closed and this stand was not cut.

YOE 2008 Inventory: Aspen & p.birch are breaking up, and the first generation of balsam fir is gone. If this is cut soon aspen regeneration should still be possible - If not, natural succession to red maple/balsam fir is underway and will probably be completed during the next 10-year interval. At present the surviving aspen is 12"+ DBH, while the red maple is 6-8" DBH and the conifers are generally submerchantable. Cultural work (TSI w/hand tools) to remove the F3 understory will also be necessary to regenerate aspen.

For retention guidelines:The present stand has scattered hemlock and cedar; these should be retained, along with any white pine, to diversify the next stand. Also leave-tree mark a few paper birch. Aspen regeneration is highly desirable, but a mix of the aforementioned species is also acceptable.

Wld : The habitat goal is to provide aspen regeneration with structural and species diversity. White pine, hemlock, and scattered white birch will be retained with the stand

101	L 0	L 0	4		0	0		lowland brush	nonstocked	N		not scheduled	0	
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comnts Fmd : Soils - Deford Muck and Markey mucky peat  
Lowland brush with trees scattered throughout. Tree spp. Include red maple, black ash, cedar, spruce etc.

102	A 6	F 3	2	89	10	100	51	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration
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comnts Fmd : Soils - Deford Muck  
[6-15-04] JS - TS 027-99 has been closed and this stand was not cut.

YOE 2008 Inventory: Aspen is breaking up, and the first generation of balsam fir and paper birch are just about gone. If this is cut soon aspen regeneration should still be possible - If not, natural succession to red maple/balsam fir is underway and will probably be completed during the next 10-year interval. At present the surviving aspen is 12"+ DBH, while the red maple is 6-8" DBH and the conifers are generally submerchantable. Cultural work (TSI w/hand tools) to remove the F3 understory will also be necessary to regenerate aspen.

For retention guidelines:The present stand has scattered hemlock and cedar; these should be retained, along with any white pine, to diversify the next stand. Also leave-tree mark a few paper birch. Aspen regeneration is highly desirable, but a mix of the aforementioned species is also acceptable.

Wld : The habitat goal is to provide aspen regeneration with structural and species diversity. White pine, hemlock, and scattered white birch will be retained with the stand

103	C 6	Q 2	4	128	9	150	45	cedar	immature	N		20-29 years	0	
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comnts Fmd : Soils - Deford Muck  
This stand features a mix of larger (12"+DBH) cedar, hemlock and spruce over smaller (6-8" DBH) hemlock, balsam fir, spruce and hardwoods. Mixed hardwood pulp includes paper & yellow birches, black ash and a few cherry. The understory is mix of all listed conifer and hardwood species plus a variety of shrubs and lowland brush. Unevenaged characteristics are becoming highly visible.

104	S 6	F 3	3	89	9	90	45	black spruce-swamp	mature	Y	final harvest	within 0-9 years	1	
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comnts Fmd : Soils - Deford Muck  
[6-15-04] JS - TS 027-99 has been closed and this stand was not cut.

YOE 2008 Inventory: Spruce stand that is ready to cut. Other commercial species includes paper birch and aspen. Retain all white pine and hemlock, leave-tree mark a few paper birch, and protect the understory if possible.

All conifers, aspen and birch are acceptable for regeneration.

Wld : Retain any hemlock that might be found within this stand

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Age	Ave. D	B	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need	Notes		
																10	15
105	E 6	F 2	10	89	7	70	46	spruce-fir (uplands-including upland black spruce)	mature	Y	final harvest	within 0-9 years	3				
<u>Treatment Limiting Factors:</u>																	
Too wet																	
comnts Fmd : Soils - Deford Muck, Markey mucky peat, and Augres-Deford complex at 0-3% slope Lowland hardwoods on a very wet site. Stand density and site indices are highly variable. This area may have had more aspen and birch, but those species are quickly disappearing. Red maple is dominant, but generally slow-growing. The volume listed under other commercial species represents black ash and the surviving paper birch & aspen. Mixed softwood is balsam fir plus a few spruce and cedar. The understory features a mix of conifers, red maple, black ash and lowland brush. Cutting would regenerate a similar mix of species, which is acceptable. If the stand is cut, retain all hemlock and cedar and leave-tree mark a few paper birch.																	
Wld : The habitat goal for this stand is to promote a young swamp conifer stand with a diversity of species. Leaving cedar and hemlock will promote structural diversity while providing seed source to encourage species diversity with the regeneration.																	
106	C 6	F 3	5	89	7	110	26	cedar	immature	N		60-69 years	0				
comnts Fmd : Soils - Rubicon sand at 15-35% slope Habitat type - PArV More wet ground stocked w/cedar.																	
107	Q 4	F 2	5	89	8	30	26	mixed swamp conifer	sparse	Y		60-69 years	0				
<u>Treatment Limiting Factors:</u>																	
Too wet Inadequate volume due to low stocking/small diameter/etc.																	
comnts Fmd : Soils - Deford muck Very wet site. Stand density and site indices are highly variable.																	
108	N 0	N 0	205		0	0		marsh	nonstocked	N		not scheduled	0				
comnts Fmd : Soils - Markey mucky peat Marsh and scattered brush - many areas are seasonally flooded.																	
109	H 9	F 1	10	130	12	160	50	hemlock	two aged	N		20-29 years	0				
comnts Fmd : Soils - Rubicon sand at 15-35% slopes and Augres-Deford complex at 0-3% slope Habitat types - PArV and PArVAa This stand features a mix of larger (14"+ DBH) hemlock, pines and aspen over a younger (6-8" DBH) generation of hemlock and hardwoods on a ridge above the marsh. Some huge aspen (18-20" DBH) were present but are now dead. The understory is a fairly open mix of hemlock, fir, white pine and red maple. Unevenaged characteristics are now highly visible, and the year of origin was estimated from the approximate age of a large white pine.																	
110	W 9	F 3	1	86	12	80	50	white pine	immature	N		20-29 years	0				
comnts Fmd : Soils - Rubicon sand at 15-35% slope Habitat type - PArV Similar to stand #109, but somewhat lower ground at the west end of the ridge. It also appears that more recent disturbances have occurred in this stand, as most of the trees (including many of the white pine logs) are younger, and the understory is a fairly dense young conifer mix 0-3" DBH. Without the hemlock in the overstory, this stand is considerably more open than #109.																	
111	E 6	F 3	22		9	80	46	swamp hardwoods	unevenaged	N		20-29 years	0				
comnts Fmd : Soils - Augres-Deford complex at 0-3% slope Habitat type - PArVAa Red maple/hemlock stand on rolling ground that varies from dry sandy ground to wet mucky soils. Stand density and site indices differ with the changes in soils. The understory is a dense conifer mix that includes fir, spruce, hemlock and white pine.																	
112	E 6	F 3	1		8	70	46	swamp hardwoods	unevenaged	N		20-29 years	0				
comnts Fmd : Soils - mapped as Markey mucky peat, but this stand may be on an inclusion of soils featuring somewhat better drainage such as the Augres-Deford complex. Red maple/cedar on a slight ridge in the marsh. A few white pine etc. are also present.																	

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SHINGLETON FOREST AREA

Stand Level Information

Compartment: 17 Entry Year: 2008

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
113	S 6	F 3	2	79	7	80	40	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 - Augres-Deford complex at 0-3% slope Habitat type - PArVAa</p>														
114	S 6	F 3	1	79	7	80	40	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 - Augres-Deford complex at 0-3% slope Habitat type - PArVAa</p>														
115	Q 6	L 0	5	108	7	70	36	mixed swamp conifer	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle</p> <p>comnts Fmd : Soils - Augres-Deford complex at 0-3% slope Habitat type - PArVAa Conifer mix on a very wet site - This stand is very slow-growing, and the site index may be lower than indicated. Unevenaged characteristics are becoming evident as natural disturbances diversify the stand, but the year of origin from previous data is shown here. The understory includes conifer regeneration of all species, but lowland brush is still predominant.</p>														
116	W 9	F 3	5	91	15	90	50	white pine	mature	N		10-19 years	0	
<p>comnts Fmd : Soils - Rubicon sand at 15-35% slope Habitat type - PArV Large white &amp; red pine plus scattered hemlock and hardwoods, and an occasional aspen that is still alive. This was part of a timber sale that was never cut (27-99) due to access problems.</p>														
117	W 9	F 3	3	91	15	90	50	white pine	mature	N		10-19 years	0	
<p>comnts Fmd : Soils - Rubicon sand at 15-35% slope Habitat type - PArV Large white &amp; red pine plus scattered hemlock and hardwoods, and an occasional aspen that is still alive. This was part of a timber sale that was never cut (27-99) due to access problems.</p>														
118	L 0	L 0	6		0	0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Soils - Deford Muck, Lowland brush with a few scattered trees - some areas are seasonally flooded marsh. Very wet everywhere.</p>														
119	S 5	F 2	6	79	8	50	40	black spruce-swamp	mature	Y	final harvest	within 0-9 years	3	
<p>comnts Fmd : Soils - Augres-Deford complex at 0-3% slope Habitat type - PArVAa Semi-open spruce etc. on a very wet site - this was part of a timber sale (27-99) that was never cut. The understory is a mix of lowland brush and conifer regeneration. Operability is questionable. If this stand is cut, retain all hemlock and cedar. Regeneration of any commercial species is acceptable, so all existing conifer regen should be protected.</p> <p>Wld : The habitat goal for this stand is to promote a young swamp conifer stand with a diversity of species. Leaving cedar and hemlock will promote structural diversity while providing seed source to encourage species diversity with the regeneration.</p>														
120	Q 6	F 3	14	73	7	100	29	mixed swamp conifer	immature	N	final harvest	within 0-9 years	3	
<p>comnts Fmd : Soils - Augres-Deford complex at 0-3% slope Habitat type - PArVAa Cedar mix on wet ground - this was part of a timber sale (27-99) that was never cut. A few larger white pine are also present. Harvest now along with the adjacent stands that are scheduled. Acceptable regeneration includes all commercial timber species. Reserve the paper birch &amp; scattered white pine.</p>														

Stand	Cover Type- Dnstry	Under Story- Stkng Level	A c r e s	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
121	W 9	F 2	1	91	15	70	50	white pine	mature	N		10-19 years	0	
comnts Fmd : Soils - Rubicon sand at 15-35% slope Habitat type - PArV Large white & red pine plus scattered hardwoods.														
122	P 6	Q 2	2	87	6	120	46	spruce-fir (uplands- including upland black spruce)	mature	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Soils - Augres-Deford complex at 0-3% slope Habitat type - PArVAa Slow-growing lowland aspen on a very wet site. Stand density and site indices are variable. This area may have had more natural disturbance, but seasonally high water appears to be the major problem. The understory varies between dense young conifers and pure lowland brush, with some small marsh openings. Operability is questionable. If the stand is cut, retain all white pine, hemlock and cedar.														
123	H 6	X 0	1		10	230	50	hemlock	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Augres-Deford complex at 0-3% slope Habitat type - PArVAa Pocket of hemlock, large white pine, red maple and birch. Unevenaged characteristics are highly visible. Due to the extreme shade tolerance of hemlock, a site index for white pine is given instead.														
124	Q 6	F 3	18	73	7	100	29	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : Soils - Augres-Deford complex at 0-3% slope in the southeast part of the stand; Paquin-Finch sands at 0-6% slopes in the northeast, and Deford muck on part of the eastern edge adjacent to the upland hardwoods. Habitat types - include PArVAa and ATFD Cedar mix on wet ground - this was part of a timber sale (27-99) that was never cut. A few larger white pine are also present.														
125	A 6	F 3	6	89	10	90	51	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : Soils - Paquin sand (Habitat type ATFD) grading down into Deford muck at 0-3% slopes. Cut this now or lose the aspen - many are already dead and down. Retention guidelines: Do not cut any hemlock, cedar or white pine, and leave-tree mark a few paper birch. TSI with handtools to eliminate most of the conifer understory (except hemlock, cedar and white pine) or aspen regeneration will be severely hampered. Wld : The habitat goal is to provide aspen regeneration with structural and species diversity. White pine, hemlock and scattered white birch will be retained with the stand.														
126	Q 4	L 0	6	89	6	30	26	mixed swamp conifer	sparse	Y		60-69 years	0	
<u>Treatment Limiting Factors:</u> Too wet Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Soils - Augres-Deford complex at 0-3% slope Habitat type - PArVAa Very wet site. Stand density and site indices are highly variable. Age was estimated from a couple of cedar. The understory is lowland brush w/scattered submerchantable trees.														
127	Q 6	F 3	5	73	7	100	29	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : Soils - Augres-Deford complex at 0-3% slope Habitat type - PArVAa Cedar mix on wet ground - this was part of a timber sale (27-99) that was never cut. A few larger white pine are also present.														
128	Q 6	F 3	1	73	7	100	29	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : Soils - Rubicon-Deford complex at 0-35% slopes Habitat type - PArV Cedar/spruce mix on rolling ground - this was part of a timber sale (27-99) that was never cut. A few larger white pine are also present.														

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

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 17

Entry Year: 2008

\* 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	Acres	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA	Site Indx							
129	Q 6	F 3	4	73	7	100	29	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : Soils - Rubicon-Deford complex at 0-35% slopes Habitat type - PArV Cedar/spruce mix on rolling ground - this was part of a timber sale (27-99) that was never cut. A few larger white pine are also present.														
130	C 6	F 3	22	89	8	110	26	cedar	immature	N		60-69 years	0	
comnts Fmd : Soils - Paquin-Finch sands at 0-6% slopes in most of the stand, featuring a habitat type of ATFD; the northwestern portion of the stand includes areas of Kinross muck and Markey mucky peat. The stocking and site index for cedar vary significantly with minor changes in elevation.														
131	M 6	M 2	23		9	70	50	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Soils - Paquin sand at 0-3% slope Habitat type - ATFD [7-7-04 RFT] Sale contract 027-04 was closed (incomplete) on 6-15-04. This stand was partially cut.  YOE 2008: Stand boundaries etc. updated June 2006 per standard inventory procedures. The understory includes some balsam fir, and there are also hemlock and a few white pine scattered throughout the stand.														
132	A 3	M 2	4	12	2	0	50	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Soils - Paquin sand at 0-3% slope Habitat type - ATFD														
133	Z 0	Z 0	7		0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Hickey Creek														
Total Acres.....			1412											