

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 135 Entry Year: 2008

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

Stand	Cover Type-Size Dnstry	Under Story-Stknng 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 H	Tot. BA								
1	B 6	F 1	10	86	7	70	48	paper birch	mature	Y		40-49 years	0	
<u>Treatment Limiting Factors:</u>														
Scenic values/visual values														
Regeneration technology inadequate														
comnts Fmd : BOUNDED BY P.R.N.L. - NOT FEASIBLE TO HARVEST WITHOUT ADDITIONAL VOLUME. Only treat if stand can be regenerated back to a birch type. Areas in stand 2 that were birch came back as aspen. Fox River Pathway on the south boundary. There is also erosion possibilities because of the slope. Mark some white birch for seed trees. After reviewing with Terry Minzey, in the field, it was concluded that the stand should be left because of the slope, lack of birch regeneration from the adjacent cut and pathway area.														
2	A 3	A 1	116	6	2	0	50	aspen (upland)	nonstocked	N		40-49 years	0	
comnts Fmd : BIRCH SEED TREES LEFT FROM PREVIOUS SALE. Cut underTS # 017-95.														
3	R 9	W 1	23		12	90	60	red pine	unevenaged	N	selection	within 0-9 years	3	
comnts Fmd : Stand was not cut with sale from 2000. Treat again with remaining unit. Thin to promote red and white pine regeneration. There are some scattered hemlock, leave. Regeneration should be the same as overstory.														
4	H 6	A 1	41		9	70	60	hemlock	unevenaged	N		20-29 years	0	
comnts Fmd : Cut underTS # 017-95, 1988 YOY. Hemlock looks healthy. Red and white pine residual also looks good. Regeneration of aspen, maple, fir, red and white pine 1-10' tall. Hemlock seedlings are present but were probably already there before the cut.														
5	R 5	R 1	15		13	60	60	red pine	immature	N		20-29 years	0	
comnts Fmd : Stand was cut underTS # 017-95 TCR dtd 2/02. Over all reproduction looks good. There is a good mix of red and white pine. Some maple and aspen.														
6	B 4	F 1	7	86	7	30	48	oak	mature	Y	final harvest	within 0-9 years	3	planting
comnts Fmd : North half was cut underTS # 017-95 and is now part of stand 2. Treat stand with rest of area that was not cut with the sale. There are some oak in the stand and surrounding area. Stand is being converted to an oak stand. Acorns and oak seedlings will be used to get oak reproduction into the stand. Leave some white birch for seed source and any oak present in the stand.														
7	M 6	M 3	3		8	120	60	northern hardwood	unevenaged	Y	selection	within 0-9 years	3	planting
comnts Fmd : Stand was part of Unit 4 of 41-017-95-01 and was not cut. Stand will need to be cut with adjacent stands. There is beech scale on the trees. Thin to promote spp other than beech in the understory. Heavy to striped maple in the understory. Hand plant oak in the stand after cutting.														
8	M 6	M 1	10		8	120	60	northern hardwood	unevenaged	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Inadequate volume due to small acreage														
comnts Fmd : EXCELLENT BEECH POLE STAND. WHEN CUT, ACCESS ROAD TO STAND SHOULD BE REHABILITATED TO PREVENT EROSION. Stand should be treated with stand 9 to avoid multiple roads and erosion issues. Understory regen is mainly beech. The beech does have scale in this stand. When thinning do so to promote non beech spp. 99 = yellow and white birch.														
9	A 5	R 2	16	65	7	60	53	aspen (upland)	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : LEAVE OAK,HEMLOCK, RED AND WHITE PINE,SMALLER PAPER BIRCH. STAND IS LOCATED ON S. FACING SLOPE. All species are of poor quality. The seedlings should be better. Oak is mainly on the slope, the entire length of the stand. Some of the pine may need to be cut for operating. Most of the red pine was planted. There are no records so guessing that it was done with the other plantations. Waiting 10 years will allow for more merchantable stems to develop. 98= red and white pine pulp.														

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					B H	Tot. BA	Site Indx							
10	R 5	R 1	16		6	50	50	red pine	immature	N		20-29 years	0	
comnts Fmd : Some areas look as if they were planted, no records, so guessing same time as other plantations. There are patches of natural jp, rp or wp filling in on their own.														
11	R 9	R 1	9	90	15	140	43	red pine	mature	Y	selection	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Road needed (resources not presently available)														
comnts Fmd : REMOVE OVERSTORY RED PINE WITH MINIMAL DAMAGE TO RESIDUAL. Some trees were planted but the "mother" trees have helped to seed in the other areas. Thin to promote more natural red pine regeneration.														
12	R 8	X 0	4		12	60	48	red pine	immature	N	selection	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Road needed (resources not presently available)														
comnts Fmd : Nice looking pine - scattered jack pine on the outer edges of the stand with aspen near the hardwood slope. Thin pine to promote red and white pine reproduction. Remove other merchantable spp within the stand. Do not cut oak. Jack pine and some aspen will also seed into the stand when cut. Access to the stand is poor because of the conditions of the sand roads into the area.														
13	M 5	F 1	8		8	60	60	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : LEAVE OAK. Red pine was planted up the slope ('58?) and up into some of the stand. There are scattered large red pine. The understory is mainly beech (scale present) with scattered oak seedlings. There are also some hemlock and red maple in the stand. Thinned once back in '48.														
14	R 6	R 2	5	89	11	100	50	red pine	two aged	Y	selection	within 0-9 years	2	natural regeneration
<u>Treatment Limiting Factors:</u> Road needed (resources not presently available)														
comnts Fmd : THIN, WHERE NEEDED, TO PROVIDE SEED SOURCE AND RELEASE REGENERATION ALEADY PRESENT. Red pine regen is almost 4 sticks tall. Would need to be thinned with another stand. Scarify to encourage red pine to come back, white pine and jack pine will come in on their own.														
15	R 4	X 0	16	48	6	40	47	red pine	immature	N		20-29 years	0	
comnts Fmd : Area has planted RP, no records so assuming '58 with the other plantations. Patches of small jack pine mixed in with grass openings. Thin later to maintain "natural" look. There was salvaged red pine in '48 after a fire went through the area.														
16	R 6	R 1	10	48	7	90	50	red pine	immature	N		10-19 years	0	
comnts Fmd : PLANTED SPRING 1958. Trees are almost 4 sticks tall. There are some scattered jack pine in the stand.														
17	R 6	J 1	9	48	7	70	50	red pine	immature	N		10-19 years	0	
comnts Fmd : PLANTED SPRING 1958. NORTH END HAS FAILED. There are some small open areas with poor quality aspen coming in. Understory of Jack pine is sparse. Trees are just becoming 3 sticks high. Scattered large jack pine.														
18	R 6	X 0	10	48	8	110	50	red pine	immature	N		10-19 years	0	
comnts Fmd : PORTION OF STAND PLANTED IN THE FALL, 1959. Top of stand has mature, natural jack pine, cut when thinning pine. The BA is there to thin, leave for 10 years for better self pruning to occur. Rolling terrain.														
19	R 6	M 1	8	48	9	80	50	red pine	immature	N		10-19 years	0	
comnts Fmd : PLANTED SPRING 1958. Again in '59 N. HALF OF PLANTATION FAILED, NOW PART OF G TYP. CONTAINS SOME ASPEN. Stand planted around large, natural red and white pine. Some aspen 9" DBH present. Stand is starting to prune, wait 10 years, thin with adjacent stands.														

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					B	Tot. BA	Site Indx							
20	R 9	R 1	8	90	15	140	43	red pine	mature	Y	selection	within 0-9 years	3	
<p><u>Treatment Limiting Factors:</u> Road needed (resources not presently available)</p> <p>comnts Fmd : REMOVE OVERSTORY RED PINE WITH MINIMAL DAMAGE TO RESIDUAL. Some trees were planted but the "mother" trees have helped to seed in the other areas. Thin to promote more natural red pine regeneration.</p>														
21	R 9	R 1	6		17	180	50	red pine	unevenaged	Y	selection	within 0-9 years	3	
<p><u>Treatment Limiting Factors:</u> Road needed (resources not presently available)</p> <p>comnts Fmd : THIN RED PINE,REMOVE JACK PINE. Thin to get regeneration of red pine back. Jack and white pine will fill in on their own after the cut. Clumps of J5/J4 on either side of stand can be included when adjacents stands are cut. Remove other merchantable spp within the stand. Do not cut oak. Jack pine and some aspen will also seed into the stand when cut. Access to the stand is poor because of the conditions of the sand roads into the area.</p>														
22	B 6	M 1	3	65	10	120	50	paper birch	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too steep Inadequate volume due to small acreage</p> <p>comnts Fmd : 20-25% slope makes up 1/2 the stand. Beech scale is in the stand. There is a good mix of spp established in the understory- leave alone to help promote the hemlock, white pine and yellow birch. Mt. Ash was in the stand but is now cwd. There is more hardwood in the NW corner. Scattered white pine and red maple logs- fair quality. Club moss/princess pine with beech seedlings for the ground cover.</p>														
23	R 4	X 0	18	48	6	40	47	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : Area has planted RP, no records so assuming '58 with the other plantations. Patches of small jack pine mixed in with grass openings. Thin later to maintain "natural" look. There was salvaged red pine in '48 after a fire went through the area.</p>														
24	R 6	X 0	38	44	7	70	42	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : PLANTED FALL 1962. NW END HAS SMALLER RP. S. END CONTAINS RIDGE OF MAPLE,ASPEN,AND BIRCH. Trees are starting to prune up. Waiting 10 years will help. Scattered black spruce, red maple, white pine and poor quality aspen.</p>														
25	R 5	W 1	11	48	7	60	46	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : PLANTED SPRING 1958;NORTH HALF OF PLANTATION FAILED. Terrain rolling. There are scattered red maple, white birch and white pine. Thin when branches have started to prune better.</p>														
26	R 6	X 0	8	48	9	140	43	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : PLANTED SPRING 1958. Some red poine are almost 12" with a small sawlog in them. Trees are starting to prune. Scattered red maple on the edges.</p>														
27	R 5	W 1	8	48	7	60	46	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : PLANTED SPRING 1958;NORTH HALF OF PLANTATION FAILED. Terrain rolling. There are scattered red maple, white birch and white pine. Thin when branches have started to prune better.</p>														
28	A 4	A 2	28	32	5	30	52	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : CONTAINS PATCH OF JACK PINE WHICH EXTENDS INTO GRASS TYPE. Opening that has been slowly filling in. Trees that are filling in look healthy. Residual wp, rp, wb, rm overtopping good A2 understory.</p>														
29	R 4	W 1	5	48	6	20	52	red pine	immature	N		30-39 years	0	
<p>comnts Fmd : Stand was planted in '58, but not replanted in '59 like stand 19. These tress are patchy could be treated in 30 years as natural with other spp that are present, aspen, red maple and white pine.</p>														
30	R 6	X 0	34	44	8	150	47	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : PLANTED FALL 1962. CONTAINS JP STRIP PLANTED IN SPRING 1948. Trees are almost 4 sticks. The 3 - 40 acre plantations will never get tall, however they are starting to prune and should be treated when this happens. Rolling terrain, scattered black spruce. Large red and white pine, scattered.</p>														

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					B	Tot. BA	Site Indx							
31	R 6	X 0	40	44	8	100	44	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : PLANTED FALL 1962. N. END HAS RIDGE OF ASPEN,BIRCH,MAPLE. Rolling terrain. Trees are starting to prune. Some areas the trees are growing fairly well. Scattered large red and white pine, with some merchantable aspen and black spruce.</p>														
32	W 8	F 1	67		10	50	42	white pine	immature	N		10-19 years	0	
<p>comnts Fmd : Not as much merchantable timber like stand 33. Treat when the understory is more favorable. The white pine was more open grown so it is limby and the quality is poor. Scattered merchantable fir and poor quality white pine logs.</p>														
33	W 9	M 1	35		12	110	44	white pine	unevenaged	N	selection	within 0-9 years	2	
<p>comnts Fmd : Stand is fairly flat until slope (25%) while entering stand 34. When cut, thin this area where able. Do not cut oak or hemlock. There is over mature aspen on the slope or dying out on the level ground. Trees mainly healthy. Remove aspen, maple and fir. Thin white pine, red pine and black spruce. Thinning will promote these species and help with a new flush of aspen, hemlock and oak. Thin BA down to 60-90 depending on what is present in the understory. 98 = red pine and fir pulp. 99 = aspen and red maple. Dead white pine salvage cut in '46.</p>														
34	H 9	H 1	4		10	130	44	hemlock	unevenaged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)</p>														
<p>comnts Fmd : Stand is heavy to beech scale. Beech are large and old, same with the yellow birch that are dead or dying out. Maple is of poor quality. The young yb, hemlock and white pine are healthy. Scattered large white pine, healthy. Leave beech alone as they die out it will slowly open the stand and release the understory hemlock, yellow birch and white pine. N. line put in by SB.</p>														
35	A 4	A 1	47		5	10	50	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Old opening filling in with aspen, jack pine, white pine, some black spruce, red maple and red pine. JP, SI = 1966 = 52, from last inventory.</p>														
36	R 6	X 0	10	44	8	150	47	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : PLANTED FALL 1962. Trees are almost 4 sticks. The 3 - 40 acre plantations will never get tall, however they are starting to prune and should be treated when this happens. Rolling terrain, scattered black spruce. Large red and white pine, scattered.</p>														
37	W 7	W 1	17		10	10	43	white pine	immature	N		20-29 years	0	
<p>comnts Fmd : Old open area filling in with scattered large, open grown, white pine. There are also aspen, maple and black spruce filling in, slowly. Understory could also be typed out as an A1.</p>														
38	R 6	W 1	11	49	8	80	50	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : PLANTED SPRING 1958. There are scattered red maple, aspen and white pine in the understory. Some areas the pine is 3 sticks and starting to prune where the BA is higher.</p>														
39	R 6	X 0	13	50	7	70	46	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : PLANTED SPRING '58 and replant in 1959. Some maple, aspen and white pine in the stand, especially on the edges and within the understory. Some areas the trees are 3 sticks and starting to prune with the higher BA.</p>														
40	R 8	X 0	5		12	60	48	red pine	immature	N	selection	within 0-9 years	3	
<p><u>Treatment Limiting Factors:</u> Road needed (resources not presently available)</p>														
<p>comnts Fmd : Nice looking pine - scattered jack pine on the outer edges of the stand with aspen near the hardwood slope. Thin pine to promote red and white pine reproduction. Remove other merchantable spp within the stand. Do not cut oak. Jack pine and some aspen will also seed into the stand when cut. Access to the stand is poor because of the conditions of the sand roads into the area.</p>														
41	R 6	X 0	11	50	7	70	46	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : PLANTED SPRING '58 and replant in 1959. Some maple, aspen and white pine in the stand, especially on the edges and within the understory. Some areas the trees are 3 sticks and starting to prune with the higher BA.</p>														

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					B H	Tot. BA								
42	R 6	W 1	10	49	8	80	46	red pine	immature	N		20-29 years	0	
comnts Fmd : PLANTED SPRING 1958. Trees just hit 3 sticks with some becoming 4 sticks. Scattered aspen, red maple and white pine in the understory.														
43	R 6	W 1	8	49	8	80	46	red pine	immature	N		10-19 years	0	
comnts Fmd : PLANTED SPRING 1958. Trees just hit 3 sticks with some becoming 4 sticks. Scattered aspen, red maple and white pine in the understory.														
44	R 6	X 0	22	48	10	120	45	red pine	mature	N	thinning	within 0-9 years	2	
comnts Fmd : E. HALF OF STAND PLANTED SPRING 1958; W. HALF OF STAND PLANTED FALL 1959. The stand has pruned up well and height development has really slowed. North end is the best. Thin every third row. Scattered large white pine, mark where necessary for operability, remove other species, except oak and hemlock.														
45	W 9	F 3	28		12	120	44	white pine	unevenaged	N	selection	within 0-9 years	2	
comnts Fmd : The large white pine and hemlock are healthy. Fir and yellow birch are over mature and starting to die out. Most of the trees in the understory are small fir 2-5' tall. Not many other spp coming in. Thin to promote white pine, hemlock and yellow birch to come in. Thin pine, remove other spp to get residual BA to 60-90 depending on the spp present in the understory/overstory. Do not cut hemlock or oak. 98=BS, RP logs.														
46	H 9	M 1	8		22	130	44	hemlock	unevenaged	Y		10-19 years	0	
Treatment Limiting Factors: Inferior quality Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Hemlock is of very large diameter- healthy looking. White is the same. The understory is made up of maple, white birch, yellow birch, beech and fir 2-5' tall. Aspen is dead or almost dead. There are scattered large black spruce. The NW corner of the stand has more hardwood. Leave stand until the understory is merchantable then thin to promote more hemlock, white pine and yellow birch in the understory.														
47	M 6	M 1	10		9	110	46	northern hardwood	unevenaged	N	selection	within 0-9 years	2	
comnts Fmd : GOOD HEMLOCK REPRODUCTION IN PLACES. Lots of dead/blow down aspen, fir. Yellow birch and beech are large cull trees. Mark to promote hemlock, yellow birch and white pine. Thin to 60-90 residual BA depending on what is in the understory/overstory. Do not cut the hemlock. Not sure of the property line. There is a good slope on the west side of the stand- b/c not sure of property line the stand acreage may decrease. Scattered large white pine. Beech scale present.														
48	A 4	W 2	37	36	5	30	47	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : CONTAINS POOR QUALITY ASPEN POLES. Stand also has scattered red maple, clumps of small black spruce, fir and scattered oak. Trees overall, are of poor quality. WP SI = 44														
49	R 6	X 0	38	44	7	120	46	red pine	immature	N		20-29 years	0	
comnts Fmd : PLANTED FALL 1962. Stand is doing well in comparison to the other plantations. The trees in some places hit 3 sticks and starting to prune. Scattered white pine, red maple, black spruce and aspen.														
50	R 6	W 1	10	49	8	80	46	red pine	immature	N		10-19 years	0	
comnts Fmd : PLANTED SPRING 1958. Trees just hit 3 sticks with some becoming 4 sticks. Scattered aspen, red maple and white pine in the understory.														
51	W 5	W 1	19		5	40	42	white pine	immature	N		30-39 years	0	
comnts Fmd : CUT IN 1976. The area is a frost pocket that is filling in with white pine, aspen, fir and black spruce on the edges. There are some cherry brush and yellow birch also. White pine is limby.														
52	W 6	M 2	25		8	70	41	white pine	immature	N		10-19 years	0	
comnts Fmd : Area on the West side was thinned in '75 coming back with hemlock, white pine, yellow and white birch, 1 -30'tall. Delay thinning to protect regeneration. The east side has more of the BA and a good slope into the old frost pocket.														

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				Age	D B H	Tot. BA							
53	W 8	W 1	5	11	60	42	white pine	immature	N	20-29 years	0		
comnts Fmd : Rolling terrain. Area can be thinned with surrounding stands. Logs are of fair quality. Understory is coming in well 1-15'tall. Some hemlock present.													
54	M 6	W 1	9	7	90	47	northern hardwood	immature	N	20-29 years	0		
comnts Fmd : Stand is a good mix of everything. Trees starting to get some height. Thinned in '75, regen 1-30'tall. Rolling terrain, scattered white pine and hemlock logs. Treat with surrounding stands.													
55	J 6	J 1	6	43	7	70	jack pine	immature	N	10-19 years	0		
comnts Fmd : Healthy stand - 2 aged- larger jack pine are helping to seed in surrounding areas. Cut when pine is ready to be thinned.													
400	G 0	G 0	89	0	0		grass	nonstocked	N	60-69 years	0		
comnts Fmd : CONTAINS SCATTERED TIMBER; SOME IS MERCHANTABLE. Frost pocket area. Some aspen and red maple filling in and scattered red pine.													
401	G 0	G 0	8	0	0		grass	nonstocked	N	60-69 years	0		
comnts Fmd : LOW AREA - FROST POCKET. Some scattered red pine 1 - 2 sticks, jack pine is the same. There are scattered large maple, red and white pine, with some aspen 10' tall and cherry brush.													
402	G 0	G 0	36	0	0	50	grass	nonstocked	N	70-79 years	0		
403	G 0	G 0	8	0	0	46	grass	nonstocked	N	70-79 years	0		
404	G 0	G 0	16	0	0	46	grass	nonstocked	N	70-79 years	0		
Total Acres.....			1155										