

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 167 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. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
1	C 5	S 2	13	83	6	60	22	cedar	immature	N		40-49 years	0	
comnts Fmd : Spruce is dying out. There is some fir present. Most of the cedar is one stick with some areas where a couple cedar bolts are starting to develop. Like all the swamp conifer stands in the compartment the area was picked through for crop cuttings in the 40's.														
2	M 6	M 2	30		9	100	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : MID 1980'S DROUGHT HAS KILLED GOOD NUMBER OF HARD MAPLE AND CAUSED SOME DEAD TOPS. NO CUT FOR 20 YEARS. [1-29-04 RFT] FTP C41-819 for wp/oak planting was written but now cancelled. This stand has white pine coming in on its own. [4/7/06 jb] Understory is mainly beech with scattered fir and white pine. There is a slope (15-20%) on the east side of the stand going into the swamp. This area would be difficult to harvest. The edge contains large white pine, hemlock and sometimes spruce. Stand is within the Garlic Soils Series.														
3	M 6	M 3	6		9	110	53	northern hardwood	unevenaged	N	selection	within 0-9 years	2	
comnts Fmd : Stand was thinned in 1983. Understory is mainly beech with some fir and the occassional white pine and scattered cherry pulp. Treat with stand 5, to get what is possible because of the hilly terrain. Regeneration from cut is expected to be the same as what is there now. Stand is within the Garlic Soils Series.														
4	Q 4	S 1	22	82	5	20	20	mixed swamp conifer	sparse	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc. Inferior quality														
comnts Fmd : Area is bog-like in the center, what trees are there are very suppressed from the high water table. Tamarck is over the spruce but the rotation will go back and forth. I believe the outside edges of the stand were picked through in the 40's for crop cuttings.														
5	M 6	M 2	31		9	100	55	northern hardwood	unevenaged	N	selection	within 0-9 years	1	
comnts Fmd : Buck Hill Tower is found in the stand, lease with NPS. Stand has two large hills, mainly full of beech. The steepness of slopes will prevent some areas to not be operable. There is more spp diversity to the stands on the flat ground. There is BBD on some of the trees. Stand is within the Garlic Soils Series.														
6	S 5	S 1	4	48	6	40	29	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Stand was cut in 1958 for crop. The stand is starting to come back with some cedar in the understory but mostly tagalder. The fir that was left is dying or dead. There is scattered tamarack in the overstory and near the hardwood edge there are some large white pine and hemlock.														
7	M 6	M 2	193		9	130	49	northern hardwood	unevenaged	Y	selection	within 0-9 years	2	
comnts Fmd : NOT FDF QUALITY, INMATE FIREWOOD QUALITY PLANT WHITE PINE AND OAK [1-29-04 RFT] FTP C41-819 for wp/oak planting was written but now cancelled. This stand has white pine coming in on its own. [4/7/06 jb] FTP W41-1052 is still open for the same treatment, close and make a new FTP when stand is treated again. Understory in all plots is mainly beech with the occassional small white pine and hemlock clumps. I did not see any BBD on the larger trees, however the front is too close for it to not be there. Large white pine and spruce is found on the slope (15 - 20%) into the swamp. Thin area to promote spp diversity. The trees are fair to good quality. 99 = a mix of hard maple logs, yellow birch and beech pulp. Stand is within the Garlic Soils Series.														
8	X 0	X 0	12		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : Adams Truck Trail or H-58. Used heavily by tourists in the summer months to get to the lake shore and camping. Used heavily in the winter by snowmobilers riding the shoulder and logging trucks year round.														
9	H 9	M 1	11		18	100	30	hemlock	unevenaged	N		10-19 years	0	
comnts Fmd : Some of the hemlock and white pine were removed in the 50's - 70's. There are some areas where there is hemlock and white pine regeneration present (1-4' tall). Thin to promote white pine, yellow birch and hemlock. Logging on non snow covered ground will help with seeding in. Cut with stand 10. When cut the fir and maple will automatically come in. Yellow birch is starting to die out. There are some large black spruce and white pine in the stand. Stand is within the Garlic Soils Series.														

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					B H	Tot. BA								
10	M 9	M 2	53		12	100	62	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : The west edge of the stand has large trees but are of poor quality. There is scattered spruce and fir of all DBH in the stand. There is more maple than beech in the understory than the surrounding stands. The regen holes are coming in very well with a mix of spp. Paquin/Finch soils. ATFD														
11	S 5	S 1	5	48	6	40	29	black spruce-swamp	immature	N		30-39 years	0	
comnts Fmd : Stand was cut in 1958 for crop. The stand is starting to come back with some cedar in the understory but mostly tagalder. The fir that was left is dying or dead. There is scattered tamarack in the overstory and near the hardwood edge there are some large white pine and hemlock.														
12	C 5	Q 1	505	50	7	60	26	cedar	low quality	N		50-59 years	0	
comnts Fmd : MUCH OF LARGE CEDAR IS HOLLOW [1/03/06 jb] This stand was cut through in the 50's for crop cuts. Using the '53 and '64 photos some areas of cut can be picked up. However, all trees were not removed so actual outlines of the cuts can not be distinguished. The better timber is what was removed. Some of the regen can be 18' tall. There are scattered cedar poles. Fir is ready to be cut but scattered and of low quality. The yellow birch is dead or dying out. The red maple and black ash are regenerating from crop cuts. There are small areas of cedar regeneration with scattered large, water stressed white pine. Areas of poor quality and the cedar SI is 22.														
13	D 0	D 0	21		0	0		treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Stand can be very open or have pockets of water suppressed tamarack, spruce and white pine. Ground vegetation can be blueberry, cranberry, pitcher plant and other spp found in bog areas.														
14	D 0	D 0	3		0	0		treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Stand can be very open or have pockets of water suppressed tamarack, spruce and white pine. Ground vegetation can be blueberry, cranberry, pitcher plant and other spp found in bog areas.														
15	Q 5	S 2	43	45	6	40	26	mixed swamp conifer	immature	N		40-49 years	0	
comnts Fmd : Stand was cut in '61 but as a crop cut. Any trees 5" or less were probably left (what is merchantable now). Mostly spruce was removed the stand is going to come back well to mainly spruce or a q- type. White pine are water stressed. Ground cover is mainly peat moss, labrador tea with leather leaf.														
16	D 0	D 0	20		0	0		treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Stand can be very open or have pockets of water suppressed tamarack, spruce and white pine. Ground vegetation can be blueberry, cranberry, pitcher plant and other spp found in bog areas.														
17	M 6	M 3	29		11	80	55	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Area was cut heavily in '92 but it has helped with good regeneration of hard maple, white pine, some yellow birch and hemlock 1 - 15 feet tall. There is scattered merchantable fir left. Edge of the stand is rimmed with large white pine and hemlock. These were also thinned through. ATFD habitat type.														
18	M 6	M 3	12		9	100	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Stand was thinned in '92. There is regen about 2-15' high but it is mainly beech, some fir and then maple. Soil, Garlic Series. ATFD.														
19	H 9	M 1	14		17	150	40	hemlock	unevenaged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u></p> <ul style="list-style-type: none"> Cedar or Hemlock cutting restraints Other special wildlife habitat consideration (desc. In comments) 														
comnts Fmd : This stand was picked through in '61 with surrounding swamp cuts. There is some regeneration coming in but only in the areas where some disturbance has occurred. Not all of the "log" tree hemlocks are sawlog quality. There are a couple large white pine. The hardwood is of poor quality. Even though the treatment is a seed tree more BA will be left to allow for protection of the new regeneration coming in after the cut. Access would be through stand 23. Stand was prescribed, however wildlife is requesting the stand is not cut.														
20	D 0	D 0	15		0	0		treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Stand can be very open or have pockets of water suppressed tamarack, spruce and white pine. Ground vegetation can be blueberry, cranberry, pitcher plant and other spp found in bog areas.														

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					B H	Tot. BA								
21	Q 5	S 2	175	45	6	40	26	mixed swamp conifer	immature	N		40-49 years	0	
comnts Fmd : Stand was cut in '61 but as a crop cut. Any trees 5" or less were probably left (what is merchantable now). Mostly spruce was removed the stand is going to come back well to mainly spruce or a q- type. White pine are water stressed. Ground cover is mainly peat moss, labrador tea with leather leaf.														
22	M 6	M 2	9		7	120	62	northern hardwood	unevenaged	Y	selection	within 0-9 years	2	
comnts Fmd : Better run of wood than the surrounding stands. There is good potential to improve the quality of the wood. There is also scattered large spruce and fir. Remove the fir and some of the spruce. Stand will come back to the same spp mix that is present now. Garlic Sand Soil Series.														
23	M 6	M 3	58		11	70	50	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Area was cut heavily in '92 but it has helped with good regeneration of hard maple, white pine, some yellow birch and hemlock 1 - 15 feet tall. There is scattered merchantable fir and spruce left. Edge of the stand is rimmed with large white pine and hemlock. These were also thinned through. ATFD habitat type.														
24	S 4	Q 1	10	53	4	10	24	black spruce-swamp	low quality	N		60-69 years	0	
comnts Fmd : Stand is of extremely poor quality because of the high water table. There are some scattered white pine, especially near the edges, also tamarack and cedar. Stand will probably not become a merchantable site.														
25	H 9	M 1	10		17	190	50	hemlock	unevenaged	N		10-19 years	0	
comnts Fmd : A seed tree was done in '78 with a high residual BA left and looks more like a very light thin. The regeneration in the understory has maple, white pine and hemlock but is not a large amount so more of the over story could have been removed to promote better regeneration. Not all of the "log" tree hemlocks are sawlog quality. There are a couple large white pine. The hardwood is of poor quality. Even though the cut is seed tree more BA should be left to protect the regeneration that will come in from the cut. The East PVT line is not in and would have to be re-established. Paquin/Finch Soil series. ATFD habitat type. Access can be through stand 23 and PVT to the south or through stand 44 like the first time it was cut. Stand was prescribed, however wildlife is requesting the stand is not cut.														
26	M 6	M 3	165		9	110	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : HARD MAPLE SCATTERED; DEAD TREES EVIDENT[4/28/06 jb] Not all pulp trees are small. Some are large "wolf" trees. Parts of the stand was thinned in '85 and/or'90, however the regen and quality remain about the same as the areas untreated. There are also scattered pulp fir, yellow birch, white pine and spruce. The occasional large hemlock, beech and cherry are in the stand. When thinned try and promote this diversity. Garlic Soil Series.														
27	X 0	X 0	15		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : Creighton Truck Trail ROW. Used heavily by hunters, snowmobiles and logging traffic. Some traffic from tourists can occur. Snowmobile trail crosses road in section 4.														
28	D 0	D 0	4		0	0		treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Stand can be very open or have pockets of water suppressed tamarack, spruce and white pine. Ground vegetation can be blueberry, cranberry, pitcher plant and other spp found in bog areas.														
29	M 6	M 3	44		9	110	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : HARD MAPLE SCATTERED; DEAD TREES EVIDENT[4/28/06 jb] Not all pulp trees are small. Some are large "wolf" trees. Parts of the stand was thinned in '85 and/or'90, however the regen and quality remain about the same as the areas untreated. There are also scattered pulp fir, yellow birch, white pine and spruce. The occasional large hemlock, beech and cherry are in the stand. When thinned try and promote this diversity. Garlic Soil Series.														
30	C 5	S 1	554	63	6	50	28	cedar	immature	N		30-39 years	0	
comnts Fmd : The stand is a patch work of areas that were logged for crop in the 40's and 50's with areas that were left untouched and are being thinned out naturally from water stress and old age. There are snags of all size classes and large white pine that are water stressed. The cedar in the understory is 1-10 feet tall. There are also areas where nothing is regenerating in the understory. Areas that have the tall regeneration must have already been established before the overstory was cut. North boundary is the Sunrise Grade Snowmobile Trail. Stand is within the Garlic Soils Series. 98= cedar bolts and fir.														

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					B H	Tot. BA								
31	M 6	F 1	19		9	70	47	northern hardwood	mature	N		10-19 years	0	
comnts Fmd : Tried in the winter and summer for access, no luck. Comments from entry 20 years ago stated - all hardwood areas with an F2 understory, hardwood is very poor. Larger fir is dying, I am assuming it will be falling over or dead by now. Therefore removed fir from spp volume. The C4 surrounding the stand is extremely dense with a C3 understory. If cutting the stand there would be much road work because of residual stems and wet ground.														
32	L 0	L 0	117		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : South end of the stand gets occasional beaver activity. Snowmobile trail is the south boundary of the stand. Some scattered, water stressed cedar, tamarack and fir.														
33	Q 4	S 2	12	67	5	20	26	mixed swamp conifer	immature	N		30-39 years	0	
comnts Fmd : Stand is stunted by high water table. Some areas were cut in the 40's for crop. There are scattered large spruce, tamarack, cedar and white pine that were not harvested (Age of spruce is an estimate from photos, SI was from a mature spruce). When stand hits rotation age it will still be low volume because of the low number of trees/acre. Grand Marais Very Fine Sandy Soil.														
34	D 0	D 0	4		0	0		treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Stand can be very open or have pockets of water suppressed tamarack, spruce and white pine. Ground vegetation can be blueberry, cranberry, pitcher plant and other spp found in bog areas.														
35	S 6	S 2	11	77	7	100	31	black spruce-swamp	immature	N		10-19 years	0	
comnts Fmd : Stand is fairly healthy. Area was left when from earlier cuttings took place. Some blow down is occurring (shallow soils). Scattered tamarack with small cedar 1-3" DBH. Fir has died out or is found in the understory. Grand Marais Very Fine Sandy Soil Series.														
36	D 0	D 0	85		0	0		treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Stand can be very open or have pockets of water suppressed tamarack, spruce and white pine. Ground vegetation can be blueberry, cranberry, pitcher plant and other spp found in bog areas.														
37	E 5	Q 1	12	63	7	50	28	swamp hardwoods	immature	N		30-39 years	0	
comnts Fmd : There is about 1/2 foot elevation change with the surrounding stands. The hardwoods that you can see on the photo are small white birch, very poor quality red maple, bam and some black ash. There are some water stressed white pine. The ground cover is peat moss, leather leaf. Cut with surrounding stands.														
38	Q 5	Q 2	141	67	6	60	31	mixed swamp conifer	immature	N		30-39 years	0	
comnts Fmd : Stand was patch cut in the 40's for crop and then in the 70's. When cut they left most of the white pine. The pine is water stressed but still hanging on. Larger fir has died out but there is some in the understory. Other spp. Look healthy, there is some blow down because of the shallow soils. North boundary is the snowmobile trail. Grand Marais Very Fine Sandy Soil Series. 98=fir and spruce														
39	Q 6	S 1	205	63	8	80	28	mixed swamp conifer	immature	N		30-39 years	0	
comnts Fmd : Patch cuttings for crop in the 40's and 70's in this area also. The trees are healthy looking except for the aspen, which is almost dead and of poor quality. Some areas have good spruce. The stand is changing from a cedar to a q-type because there is so much spruce volume and the presence of tamarack and fir. SI for spruce is 31. Grand Marais Very Fine Sandy Soil Series.														
40	M 6	F 1	10		9	130	49	northern hardwood	unevenaged	Y	selection	within 0-9 years	2	
comnts Fmd : LOON ACTIVITY ON NEARBY LAKES. NOISEY ACTIVITY SHOULDN'T OCCUR BETW4/15 - 7/31 WITHIN A 1/4 OF NESTING SIGHTS. UPDATED TCR 1/12/99 - 075-97-02. [4/10/06 jb] Hemlock is present but of poor quality. White pine is mainly near the west edge and is nice. Majority of the hardwood in the understory is beech. Cut to promote other spp. Accuracy of the private line needs to be checked. Snowmobile trail cuts through center of the stand on the Sunrise Grade. 98= hemlock, white pine and fir. 99=beech, hardmaple pulp. Regeneration when cut needs to be the same as spp that are present now.														
41	C 4	C 2	7	83	6	20	22	cedar	immature	N		30-39 years	0	
comnts Fmd : Area consists of poor quality cedar, water suppressed white pine and spruce mixed in with lows from following the Stoner Creek boundary. Access is through the private to the west. Soil type, Grand Marais VF Sandy Soil may keep stand from becoming fully stocked.														

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					B H	Tot. BA								
42	M 6	M 3	61	9	70	49	northern hardwood	unevenaged	N			10-19 years	0	
comnts Fmd : There are a couple "super canopy" white pine in the stand, especially near the swamp edge. North part of the stand has a bit higher BA. Stand was treated in '92. 99=hard maple, yellow birch and cherry. 98=spruce, fir, white pine and hemlock.														
43	Z 0	Z 0	2	0	0		water	nonstocked	N			not scheduled	0	
comnts Fmd : South edge of LONG LAKE														
44	S 5	S 2	6	66	6	60	33	black spruce-swamp	immature	N		20-29 years	0	
comnts Fmd : Scattered white pine and hemlock in the stand. Stand was harvested in the 40's for crop. Edges near the bog are water stressed but still doing well. The area is subject to high water table so harvesting could be delayed. The snowmobile trail/ Sunrise Grade is on the north boundary. Grand Sable Soils.														
45	E 5	Q 1	18	63	7	70	28	swamp hardwoods	immature	N		30-39 years	0	
comnts Fmd : The hardwoods that you can see on the photo are small white birch, very poor quality red maple, bam and some black ash. There are some water stressed white pine. The ground cover is peat moss, leather leaf. Cut with surrounding stands. This stand is a bit better quality than stand 37. Paquin/Finch Soil Series.														
46	D 0	D 0	3	0	0		treed bog	nonstocked	N			not scheduled	0	
comnts Fmd : Stand can be very open or have pockets of water suppressed tamarack, spruce and white pine. Ground vegetation can be blueberry, cranberry, pitcher plant and other spp found in bog areas.														
47	C 4	C 2	7	83	6	20	22	cedar	immature	N		30-39 years	0	
comnts Fmd : Area consists of poor quality cedar, water suppressed white pine and spruce mixed in with lows from following the Stoner Creek boundary. Access is through the private to the west. Soil type, Grand Marais VF Sandy Soil may keep stand from becoming fully stocked.														
48	L 0	L 0	83	0	0		lowland brush	nonstocked	N			not scheduled	0	
comnts Fmd : Some scattered, water stressed cedar, tamarack and fir.														
49	M 6	M 2	46	8	70	50	northern hardwood	unevenaged	N			20-29 years	0	
comnts Fmd : Many areas in the understory contains mainly beech with some fir. There are scattered large white pine and spruce, especially near the old openings that have filled in to M5/M4's. Trees are of poor to fair quality.														
50	W 9	S 1	5	13	130	45	white pine	unevenaged	N	selection		within 0-9 years	2	
comnts Fmd : LOON ACTIVITY ON NEARBY LAKES. NOISEY ACTIVITY SHOULD NOT OCCUR BET4/15 - 7/31 WITHIN 1/4 MILE OF NESTING SIGHTS. [1/19/06 jb] Ground has potential to be wet, winter harvest to protect soils. Scattered fir and hemlock in understory. Thinned in '72. Thin to promote white pine.														
51	M 6	M 2	92	11	120	46	northern hardwood	unevenaged	Y	selection		within 0-9 years	2	
comnts Fmd : In the 50's and 70's, treatments removed hemlock, white pine and hardwoods. The ones left are now mature and found mainly on the edges by the swamp. Red maple and yellow birch are log size trees but are mainly pulp with the fir dying out. Understory has a good hardwood mix and nice white pine and hemlock regeneration. Cut in the winter to protect soils. There are some areas with heavy BA of smaller hemlock. These areas will be hard to mark through and not have harvesting damage regeneration. Do not mark in these areas, Do not cut hemlock.														
52	S 3	S 3	15	36	3	30	40	black spruce-swamp	immature	N		50-59 years	0	
comnts Fmd : Did a seedtree cut in the 70's. Removed all spp, leaving some large hemlock and white pine. Understory is coming in very thick to spruce, fir, white pine, hemlock and mixed hardwood. Old winter road to the stand. Very wet ground.														
53	S 3	S 2	26	6	2	20	40	black spruce-swamp	immature	N		50-59 years	0	
comnts Fmd : CUT TS# 50-98 TCR dtd 8-31-00; KEPT ALL HEMLOCK, SOME WHITE PINE. [1/6/06 jb] Understory is coming in nicely with white birch, white pine, hemlock, fir, spruce and cedar. Regeneration is 1 - 10' tall. There are some of the residual pine and hemlock that has blown over.														

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					B H	Tot. BA								
54	M 6	M 1	49	9	120	50	northern hardwood	unevenaged	Y	selection	within 0-9 years	2		
comnts Fmd : Rolling terrain. Some fire and white pine in the understory 1 - 3 " DBH. Cherry quality is fair quality. RM is good with hard maple in the understory. Thin to promote the same spp present. Garlic Sand Soil Series.														
55	M 5	M 3	7	7	50	48	northern hardwood	unevenaged	N		20-29 years	0		
comnts Fmd : Area was thinned heavily in the late 40's early 50's. The stand is starting to fill in nicely.														
56	M 5	M 1	1	6	50	50	northern hardwood	sparse	N		10-19 years	0		
comnts Fmd : There is a good mix of spp coming in. Garlic Series Soil														
57	W 9	F 3	1	13	110	30	white pine	unevenaged	N		10-19 years	0		
comnts Fmd : Stand is .08 acres. US Gov. Land transfer from unclaimed land and recreation land. There was a fire in 1985 on the east side of the island. Couldn't get to the islands but saw them from the shore. They are similar to the west edges of stand 40.														
58	W 9	F 2	1	13	110	30	white pine	unevenaged	N		10-19 years	0		
comnts Fmd : Stand is .03 acres. US Gov. Land transfer from unclaimed land and recreation land. Couldn't get to the islands but saw them from the shore. They are similar to the west edges of stand 40.														
59	C 4	C 2	3	83	5	20	22	cedar	immature	N	30-39 years	0		
comnts Fmd : Area consists of poor quality cedar, water suppressed white pine and spruce mixed in with lows from following the Stoner Creek boundary. Access is through the private to the west. Soil type, Grand Marais VF Sandy Soil may keep stand from becoming fully stocked.														
60	L 0	L 0	38	0	0			treed bog	nonstocked	N	not scheduled	0		
comnts Fmd : Some scattered, water stressed cedar, tamarack and fir.														
61	X 0	X 0	1	0	0			other non-stocked or non-forest or non-productive	nonstocked	N	not scheduled	0		
comnts Fmd : OLD BORROW AREA FROM SUNRISE GRADE ERA. [1/19/06 jb] Starting to fill in with some white pine (bushy), birch and cherry brush mostly on the edges. Used heavily by the snowmobilers as a place to stop on the trail.														
62	Z 0	Z 0	2	0	0			water	nonstocked	N	not scheduled	0		
comnts Fmd : Pond area from the Stoner Creek.														
63	M 6	M 2	33	7	90	49	northern hardwood	unevenaged	N		20-29 years	0		
comnts Fmd : Poor quality timber. Stand could have been clearcut at the turn of the century and is starting to become mature. There are occasional white pine seedlings, fir, and yellow birch. Select cut in the 70's and some firewood lots within the last 10 years. Stand is within the Garlic Soils Series.														
64	Q 6	E 2	11	8	70	30	mixed swamp conifer	unevenaged	N		20-29 years	0		
comnts Fmd : There is hemlock and white pine in the understory. The conifer in the overstory is old/large and starting to decline. When treated do so to promote hemlock, yellow birch and white pine. There are also areas where the ground is wet with cedar and black ash present. Some of the area looks like it was picked through with surrounding timber sales.														
65	M 6	M 2	14	9	100	50	northern hardwood	unevenaged	N		10-19 years	0		
comnts Fmd : MID 1980'S DROUGHT HAS KILLED GOOD NUMBER OF HARD MAPLE AND CAUSED SOME DEAD TOPS. NO CUT FOR 20 YEARS. [1-29-04 RFT] FTP C41-819 for wp/oak planting was written but now cancelled. This stand has white pine coming in on its own. [4/7/06 jb] Understory is mainly beech with scattered fir and white pine. Stand is under long term lease because of the MSP tower on the property. Stand is within the Garlic Soils Series.														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 167 Entry Year: 2008

* 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	Acres	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
66	B 6	M 1	3	45	7	100	47	paper birch	low quality	N	seed tree	within 0-9 years	2	natural regeneration
comnts Fmd : Stand is an old gravel area from road work on the county road and the grade. It is starting to fill in with nice looking white birch. Treat with adjacent stands. Final harvest to get the white birch and white pine mix back. Leave some white pine and white birch for seed source. Garlic Sand Soil Series.														
67	C 5	Q 1	87	50	7	60	26	cedar	low quality	N		50-59 years	0	
comnts Fmd : MUCH OF LARGE CEDAR IS HOLLOW [1/03/06 jb] This stand was cut through in the 50's for crop cuts. Using the '53 and '64 photos some areas of cut can be picked up. However, all trees were not removed so actual outlines of the cuts can not be distinguished. The better timber is what was removed. Some of the regen can be 18' tall. There are scattered cedar poles. Fir is ready to be cut but scattered and of low quality. The yellow birch is dead or dying out. The red maple and black ash are regenerating from crop cuts. There are small areas of cedar regeneration with scattered large, water stressed white pine. Areas of poor quality and the cedar SI is 22.														
68	C 4	Q 3	51	63	4	10	28	cedar	immature	N		30-39 years	0	
comnts Fmd : Area is healthy cedar. There is good, thick regeneration of cedar, spruce, fir and black ash. Paquin/Finch Soil Series.														
71	X 0	X 0	11		0	0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : Long Lake Road, gets heavy to moderate use by tourists.														
400	G 0	G 0	1		0	0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is actually 0.15 acres and is leased for the PRNL radio tower.														
401	G 0	G 0	1		0	0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Area is starting to fill in with hardwood spp and scattered white pine and fir.														
402	G 0	G 0	1		0	0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is the same grass stand as across H-58.														
403	G 0	G 0	24		0	0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : There are areas of M4/grass - areas are clean but there are some places where cherry brush and red maple are coming in 1 - 2 sticks. Stand is mainly grass but the edges are starting to fill in. Paquin/Finch Soil Series.														
404	G 0	G 0	1		0	0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : There are areas of M4/grass - areas are clean but there are some places where cherry brush and red maple are coming in 1 - 2 sticks. Stand is mainly grass but the edges are starting to fill in. Garlic Sand Soil Series.														
405	G 0	G 0	16		0	0	50	grass	nonstocked	N		not scheduled	0	
comnts Fmd : There are areas of M4/grass - areas are clean but there are some places where cherry brush and red maple are coming in 1 - 2 sticks. Stand is mainly grass but the edges are starting to fill in. Cusino Course Sand Soil series.														
Total Acres.....			3430											