

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 103 Entry Year: 2008

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acre	Age	avg. DBH		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
1	M 6	M 3	12	9	130	50	northern hardwood	unevenaged	Y	thinning	within 0-9 years	2	planting	
comnts Fmd : Although there aren't many beech trees in the stand, there is beech bark disease present. Follow current guidelines regarding beech when marking. Leave 2-3 large diam. Beech per acre for wildlife. There are large aspen throughout the stand. If aspen is in clumps, make small clearcuts; if aspen is single then leave it for wildlife. Stay apx. 60 feet from the bluff to the Sucker River. Thin to 80 B.A. Plant Oak after logging. Ancillary data is available. 99=beech and paper birch soil=Garlic Sand, 0-6% slopes														
2	M 6	F 2	13	56	9	90	50	northern hardwood	mature	N	improvement	within 0-9 years	2	
comnts Fmd : Leave a buffer along the top of the bank, apx. 60' wide. Cut all trees except red and sugar maple, and Oak and Hemlock. May leave large white pine. 80=Bigtooth and Quaking Aspen soil=Kalkaska sand, 1-6% slopes														
3	F 6	F 3	37	58	9	90	47	spruce-fir (uplands-including upland black spruce)	mature	Y		not scheduled	0	
Treatment Limiting Factors: Too steep Water quality/bmps														
comnts Fmd : Sucker River influence zone: the stand includes a flat buffer at the top of a very steep hill, the hill itself, and some area at the bottom next to the Sucker River. There is an old trail road through part of the stand along the top of the hill to get to parking and camping areas favored by fishermen. Soil=Kalkaska sand, 35-70% slopes, burned														
4	M 6	M 3	52	9	120	58	northern hardwood	unevenaged	Y	thinning	within 0-9 years	2	planting	
comnts Fmd : There is beech bark disease within the stand - follow current forest health guidelines. Leave 2-3 large beech per acre for wildlife. Variable BA - thin to 80BA where applicable. Leave individual Aspen; where groups of aspen, make small clearcuts. Plant oak after logging. There are many old skid roads within the stand; utilize these for logging. Ancillary data is available. 99=cherry and beech 98=w.pine, w.spruce, b.fir soil=Garlic Sand, 0-6% slopes														
5	M 5	F 3	10	8	60	50	northern hardwood	immature	N		10-19 years	0		
comnts Fmd : Mix of tree species. Many balsam fir are 1-4" DBH. 80=quaking and bigtooth aspen 98=w.spruce & b.fir soil=Garlic Sand, 0-6% slopes														
6	A 4	F 2	27	19	5	30	46	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Mix of trees: aspen, b.fir, w.spruce, w.pine, r.maple & cherry. Many trees are 1-3" DBH. 98=w.spruce, w.pine & b.fir soil=Kalkaska sand, 1-6% slopes, burned														
7	W 5	W 2	5	41	8	60	50	white pine	immature	N		20-29 years	0	
comnts Fmd : Area of mixed tree species within a jack pine plantation. Harvest with stands 8 & 35. soil=Kalkaska sand, 1-6% slopes, burned														
8	J 6	W 1	10	35	7	110	48	jack pine	immature	N		20-29 years	0	
comnts Fmd : Planted in 1971. Scattered cherry and a few w.pine and b.fir. soil=Kalkaska sand, 1-6% slopes, burned														
9	R 6	F 1	6	62	9	150	56	red pine	immature	N	selection	within 0-9 years	1	planting
comnts Fmd : Mixed stand: some areas with mainly red or jack pine, and some all mixed. Remove all Jack Pine and thin all of the other species. Near the Sucker River - stay apx. 1 chain from the bluff. Hand plant red pine in openings created by logging. soil=Kalkaska sand, 1-6% slopes, burned														
10	J 6	F 1	6	35	6	140	52	jack pine	immature	N		20-29 years	0	
comnts Fmd : planted spring of 1971 soil=Kalkaska sand, 1-6% slopes, burned														
11	J 6	F 1	7	35	6	110	55	jack pine	immature	N		20-29 years	0	
comnts Fmd : Jack pine planted in 1971. A few red pine, white pine and red maple scattered throughout. soil=Kalkaska sand, 1-6% slopes, burned														

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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 H	Tot. BA								
12	M 6	M 2	3	42	8	80	50	northern hardwood	immature	N		20-29 years	0	
comnts Fmd : Hilly. Regen is r.maple and b.fir. soil=Kalkaska sand, 1-6% slopes, burned														
13	F 6	F 3	41	50	8	70	46	spruce-fir (uplands-including upland black spruce)	immature	N		not scheduled	0	
comnts Fmd : Sucker River influence zone: steep hill along the Sucker River; also includes some flat areas at the top of the bank and at the bottom along the river. There is an old trail road along the top of the hill with parking and camping places that are used by fishermen. 35=red & white pine soil=Kalkaska sand, 35-70% slopes, burned														
14	J 6	F 1	27	35	7	100	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Planted in 1971. There is a small hardwood inclusion in the east part of the stand, where planting failed. soil=Kalkaska sand, 1-6% slopes, burned														
15	A 5	F 2	5	37	6	50	52	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Aspen clones with other species of regeneration filling in. Hilly terrain. 98=w.pine & w.spruce soil=Kalkaska sand, 1-6% slopes, burned														
16	A 5	F 2	9	47	8	50	52	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Clones of aspen with other species of regeneration filling in. Aspen regen around the south edge. 98=w.spruce, w.pine, j.pine and b.fir soil=garlic sand 0-6% slopes														
17	M 6	M 3	20		9	120	52	northern hardwood	unevenaged	Y	thinning	within 0-9 years	2	planting
comnts Fmd : There is beech bark disease within the stand - follow forest health guidelines. Leave 2-3 large diameter beech per acre for wildlife. Next to private property; old paint along lines. Plant Oak in openings created by logging. Ancillary data is available. 80=quaking and bigtooth aspen 99=beech, sugar maple and cherry soil=garlic sand 0-6% slopes														
18	M 6	M 3	4		10	120	50	northern hardwood	unevenaged	Y	thinning	within 0-9 years	3	planting
<u>Treatment Limiting Factors:</u> Adjacent landowner denies access														
comnts Fmd : Must cross private property with a gate to access stand. Only a few beech trees, but they have beech bark disease. Plant oak in openings created by logging. Thin to 80 BA. Ancillary data is available. 98=b.fir and w.spruce soil=garlic sand 6-15% slopes														
19	W 6	F 3	11	68	10	110	50	white pine	immature	N		not scheduled	0	
comnts Fmd : Sucker River influence zone: steep hill and bottomland along the Sucker River. soil=Kalkaska sand, 35-70% slopes, burned														
20	F 6	F 3	7	57	9	120	46	spruce-fir (uplands-including upland black spruce)	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Too steep														
comnts Fmd : Mix of trees, mainly W.Spruce, B. Fir, W.Pine along the edge of, and including portions of a steep bluff near the Sucker River. 80=bigtooth and quaking aspen soil=garlic sand 0-6% slopes														
21	F 6	F 3	10	50	8	90	46	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
comnts Fmd : Mix of trees on hilly ground. Survey corner is within this stand. The private land was marked by Grossman Co. this summer. 80=bigtooth & quaking aspen soil=Kalkaska sand, 6-15% slopes, burned														
22	M 6	M 2	3		8	110	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Small area of hardwood, treat with adjacent stands. 98=w.pine & w.spruce soil=Kalkaska sand, 6-15% slopes, burned														

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Stand ID	Cover Type- Size 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							
23	A 6	F 2	3	61	9	100	52	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Aspen clone at top of hill, surrounded by large grass stand. Understory consists of w.pine, w.spruce and b.fir. Acceptable regeneration species include any of the species currently on site. Evaluate for TSI after cutting. soil=Kalkaska sand, 6-15% slopes, burned														
24	M 6	M 2	11		8	120	50	northern hardwood	unevenaged	Y	thinning	within 0-9 years	2	planting
comnts Fmd : Although there aren't many beech trees within the stand, Beech Bark Disease is present. Follow current Forest Health guidelines when marking. Rolling terrain, near the top of a ridge; surrounded by a spruce/fir stand. Survey corner within the stand. Plant Oak in openings created by logging. Ancillary data is available. 99=beech and aspen soil=garlic sand 6-15% slopes														
25	W 5	W 2	7	42	8	40	50	white pine	immature	N		20-29 years	0	
comnts Fmd : Sparse mix of trees - transition zone to surrounding grass stand. soil=Kalkaska sand, 1-6% slopes, burned														
26	M 6	F 3	8		9	100	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Hardwoods with dense b.fir understory. Beech Bark disease is present. The private land to the south has just had the property lines put in this summer, and is marked for cutting. soil=Kalkaska sand, 1-6% slopes, burned														
27	F 6	F 3	25	56	8	90	52	spruce-fir (uplands- including upland black spruce)	mature	Y	final harvest	within 0-9 years	2	
comnts Fmd : Cut all trees except Hemlock and Oak. May leave a few White Pine. Acceptable regeneration species are any combination of the species currently found in this stand. soil=Kalkaska sand, 6-15% slopes, burned														
28	M 6	F 2	4		8	110	50	northern hardwood	unevenaged	N	thinning	within 0-9 years	2	
comnts Fmd : Small hardwood stand - thin to 80 BA. May leave individual aspen; make small clearcuts where there are groups of aspen. The few Beech trees in the stand have Beech Bark Disease. Follow current forest health guidelines when marking. 80=bigtooth and quaking aspen soil=garlic sand 6-15% slopes														
29	M 6	M 3	15		8	80	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Hilly terrain. Beech Bark Disease. Ancillary data available. Soil=garlic sand 0-6% slopes														
30	A 2	A 2	9	24	3	0	50	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Aspen with other species including: w.pine, w.spruce, b.fir. Variable density: A2/A3. soil=Kalkaska sand, 1-6% slopes, burned														
31	W 5	W 2	9	42	8	40	50	white pine	immature	N		20-29 years	0	
comnts Fmd : Sparse mix of trees - transition zone to surrounding grass stand. soil=Kalkaska sand, 6-15% slopes, burned														
32	F 6	F 3	13	37	9	80	48	spruce-fir (uplands- including upland black spruce)	immature	N		20-29 years	0	
comnts Fmd : Overstory and understory both contain a mix of species (aspen, w.pine, w.spruce, b.fir, r.maple, p.birch). Soil=garlic sand, 0-6% slopes														
33	M 6	M 2	12		9	120	50	northern hardwood	unevenaged	Y	thinning	within 0-9 years	2	planting
comnts Fmd : Mainly red maple poles with larger diameter trees at the bottom of the hill. More conifers around the edges of the stand. Thin to 80 BA. Plant Oak in openings created by logging. Beech Bark Disease is present in the stand. Follow current forest health guidelines when marking. Leave 3-5 large beech trees per acre for wildlife. Ancillary data is available. 98=w.pine, b.fir, w.spruce & r.pine soil=garlic sand, 6-15% slopes														

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					B	Tot. BA	Site Indx							
34	W 6	F 2	79		9	120	52	white pine	immature	N	thinning	within 0-9 years	2	
comnts Fmd : Large w.pine scattered throughout, with a mix of other tree species. Variable sizes and densities throughout. Thin W.Pine, Red Pine and W.Spruce; cut all other trees except Oak and Hemlock. Hilly terrain. 98=W.Spruce, R.Pine, and B.Fir 80=quaking and bigtooth aspen soil=garlic sand, 0-6% and 6-15% slopes														
35	J 6	F 1	17	35	6	110	49	jack pine	immature	N		20-29 years	0	
comnts Fmd : Planted spring 1971. A few scattered cherry, w.pine, aspen and r.maple. soil=Kalkaska sand, 1-6% slopes, burned														
36	W 6	F 2	7	31	7	70	50	white pine	immature	N		20-29 years	0	
comnts Fmd : soil=Kalkaska sand, 1-6% slopes, burned														
37	J 6	W 1	39	35	6	100	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Planted spring 1971. Rolling terrain. Budworm attack in summer of 2006. soil=Kalkaska sand, 1-6% slopes, burned														
38	W 5	F 2	19	46	8	50	50	white pine	immature	N		30-39 years	0	
comnts Fmd : Open grown clumps of trees. 98=w.spruce, b.fir and r.pine soil=Kalkaska sand, 1-6% slopes, burned														
39	R 6	W 1	19	32	8	70	55	red pine	immature	N		20-29 years	0	
comnts Fmd : Planted spring 1974. Many of the rows are not contiguous. soil=Kalkaska sand, 1-6% slopes, burned														
40	J 6	F 1	52	32	7	120	50	jack pine	immature	N		20-29 years	0	
comnts Fmd : Planted spring 1974. A few small Cherry, r.maple, b.fir, w.spruce and w.pine scattered throughout. soil=Kalkaska sand, 1-6% slopes, burned														
41	R 6	F 1	34	32	7	110	54	red pine	immature	N		20-29 years	0	
comnts Fmd : Planted spring 1974. A few scattered w.pine, j.pine, aspen and cherry. soil=Kalkaska sand, 1-6% slopes, burned														
42	F 6	F 2	21	41	9	70	47	spruce-fir (uplands-including upland black spruce)	immature	N		not scheduled	0	
comnts Fmd : Sucker River influence zone: flat area at top of bluff, steep hill and flat area at bottom next to the river. Mix of trees - mainly w.spruce and w.pine. There is an old trail road along the top of the hill. 98=b.fir and j.pine soil=Kalkaska sand, 35-70% slopes, burned														
43	A 4	F 2	8	28	5	30	52	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Mix of trees growing in what was once a grass stand. 98=w.pine, w.spruce and j.pine soil=Kalkaska sand, 1-6% slopes, burned														
44	W 5	W 2	17	41	8	60	50	white pine	immature	N		20-29 years	0	
comnts Fmd : Sparse - once a grass stand, now filling in with trees. soil=Kalkaska sand, 1-6% slopes, burned														
45	M 5	W 1	9	41	7	40	46	northern hardwood	immature	N		20-29 years	0	
comnts Fmd : Clumps of r.maple and aspen. Old grass stand filling in with trees. soil=Kalkaska sand, 1-6% slopes, burned														
46	A 3	A 3	5	21	3	0	54	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Previously called grass; filling in with trees. Mainly aspen with b.fir, w.spruce, w.pine, cherry and r.maple. soil=Kalkaska sand, 6-15% slopes, burned														

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					B H	Tot. BA								
47	F 5	F 3	22	36	6	50	48	spruce-fir (uplands-including upland black spruce)	immature	N		30-39 years	0	
comnts Fmd : Between grass and hardwood stands. Many of the trees are 1-4" DBH. soil=Kalkaska sand, 1-6% slopes, burned														
48	F 6	F 2	4	32	8	80	50	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
comnts Fmd : Mixed stand. soil=Kalkaska sand, 1-6% slopes, burned														
49	J 6	M 1	65	32	7	90	51	jack pine	immature	N		20-29 years	0	
comnts Fmd : Planted spring of 1974. Scattered cherry, r.maple, b.fir, w.spruce and w.pine. soil=Kalkaska sand, 1-6% slopes, burned														
50	A 5	F 2	3	41	7	60	47	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Ridge with aspen and hardwood. 80=quaking and bigtooth aspen soil=Kalkaska sand, 6-15% slopes, burned														
51	M 6	M 3	13		10	100	46	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Beech bark disease is in this stand. Ancillary data is available. 99=sugar & red maple soil=garlic sand, 0-6% slopes														
52	M 5	W 2	75	41	7	60	50	northern hardwood	immature	N		20-29 years	0	
comnts Fmd : Small groups of trees; old grass type filling in with trees. Although there aren't many beech trees, beech bark disease is in the stand. 80=bigtooth and quaking aspen soil=Kalkaska sand, 1-6% slopes, burned														
53	A 5	A 2	18	43	7	40	52	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Ridges of aspen and maple. Regeneration species include: w.pine, aspen, b.fir, w.spruce, cherry and r.maple. 80=bigtooth and quaking aspen soil=Kalkaska sand, 6-15% slopes, burned														
54	M 6	M 3	7		10	100	46	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Narrow hardwood stand between grassy opening and private property. Beech bark disease is in the stand. Ancillary data is available. 99=beech and cherry soil=garlic sand 0-6% slopes														
55	Q 6	Q 3	7	46	9	100	47	mixed swamp conifer	immature	N		20-29 years	0	
comnts Fmd : A few trees were cut out of this stand for a small sale that wasn't completed. Soil=Carbondale, Lupton and Tawas soils														
56	C 6	Q 3	7	94	9	120	28	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - POG, stand is near the Barfield Lakes ERA in Luce County. (Comments last inventory (BAV) suggested this stand should be potential old growth.) Soft, wet ground. Mainly cedar with w.pine, b.fir, b.spruce, r.maple and p.birch scattered throughout. Soil=Carbondale, Lupton and Tawas soils														
57	L 0	L 0	2		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Low, wet area with med-tall shrubs around the edge, and sedges/grasses throughout. A few scattered cedar and tamarack. Soil=Carbondale, Lupton and Tawas soils														

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					B H	Tot. BA								
58	M 6	Q 3	2	9	70	50	northern hardwood	old growth (potential or actual)	N		not scheduled	0		
comnts Fmd : SCA - POG, stand is near the Barfield Lakes ERA in Luce County. (Last entry this stand was coded as potential old growth (BAV.) Hardwood mix on knoll within a large cedar swamp. Typed as paper birch last entry, but most of the birch has died & fallen down. Regeneration species include: hemlock, b.fir, r.maple and w.pine. Soil=Carbondale, Lupton and Tawas soils														
59	C 6	Q 3	25	94	9	120	28	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - POG, stand is near the Barfield Lakes ERA in Luce County. (Comments last inventory (BAV) suggested this stand should be potential old growth.) Soft, wet ground. Mainly cedar with w.pine, b.fir, b.spruce, r.maple and p.birch scattered throughout. Soil=carbondale, Lupton and Tawas soils														
60	A 3	A 3	27	6	1	0	50	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Cut in 1999-2000; TSI with inmates in 2001. Aspen 10-15 ft tall with other species including: r.maple, b.fir and cherry. soil=Kalkaska sand, 1-6% slopes, burned														
61	N 0	N 0	10		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Small marsh; sometimes has standing water. Soil=Carbondale, Lupton and Tawas soils														
62	M 9	M 3	22		14	120	50	northern hardwood	unevenaged	Y	selection	within 0-9 years	2	
comnts Fmd : Stand was part of the Porter Creek sale #68-98, but was returned to the state uncut. Faded orange paint - remark. Thin to 80 BA. May leave individual aspen; create small clearcuts where aspen is in groups. Beech Bark Disease is in the stand. Leave a few large beech per acre for wildlife. Ancillary data is available. 99=cherry & y.birch soil=Kalkaska sand, 1-6% slopes, burned														
63	W 5	W 2	5	41	7	50	50	white pine	immature	N		not scheduled	0	
comnts Fmd : Transition zone around a small pond that extends into the Barfield Lakes ERA in Luce Co. 99=aspen and cherry soil=Paquin-Finch Sands, 0-6% slopes														
64	W 5	W 2	3	41	7	50	50	white pine	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA-Ridge in a pond that extends into the Barfield Lakes ERA in Luce Co. Consult with Newberry Management Unit when they are writing the ERA plan for Barfield Lakes. 99=aspen and cherry soil=garlic sand 0-6% slopes														
65	V 0	V 0	6		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : Seasonally flooded. Soil=Rousseau-Dawson Complex 0-15% slopes														
66	Z 0	Z 0	10		0	0		water	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - This pond crosses into Luce county, where it is part of the Barfield Lakes ERA bog. Consult with Newberry Management Unit when they write the Barfield Lakes ERA plan.														
67	A 4	F 2	26	43	7	40	50	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Interspersed with low, wet areas. 98=b.fir and b.spruce 80=bigtooth and quaking aspen soil=Rousseau-Dawson Complex, 0-15% slopes														
68	A 5	F 2	45	43	7	40	48	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Higher ground with brackenfern, lower ground is seasonally wet and has low-med brush. Trees are in groups. Part of sale #68-98 returned to the State uncut. 91=w.pine, p.birch, w.spruce, and b.fir soil=Kalkaska sand 6-15% slopes, burned; and Rousseau-Dawson Complex, 0-15% slopes														

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Stand	Cover Type-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							
69	Z 0	Z 0	2	0	0		water	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - This pond crosses into Luce county, where it is part of the Barfield Lakes ERA bog. Consult with Newberry Management Unit when they are writing the Barfield Lakes ERA plan.													
70	W 4	F 1	13	38	8	30	48	white pine	sparse	N	30-39 years	0	
comnts Fmd : Previously coded as a grass opening, it is filling in with trees (w.pine, w.spruce and aspen). 91=aspen and w.spruce soil=Kalkaska sand, 1-6% slopes, burned													
71	W 6	F 3	2	68	10	110	50	white pine	immature	N	not scheduled	0	
comnts Fmd : Sucker River influence zone: steep hill and bottomland along the Sucker River. soil=Kalkaska sand, 35-70% slopes, burned													
72	N 0	N 0	2	0	0			marsh	nonstocked	N	not scheduled	0	
comnts Fmd : Small marsh - occasionally flooded. Soil=Rousseau-Dawson Complex, 0-15% slopes													
73	N 0	N 0	1	0	0			marsh	nonstocked	N	not scheduled	0	
comnts Fmd : Small marsh - occasionally flooded. Soil=Rousseau-Dawson Complex, 0-15% slopes													
74	Q 6	Q 2	11	56	8	70	46	mixed swamp conifer	immature	N	30-39 years	0	
comnts Fmd : Near Barfield Lakes Area in Luce Co. Scattered large w.pine. 99=r.maple, p.birch and aspen soil=Rousseau-Dawson complex, 0-15% slopes													
75	N 0	N 0	1	0	0			marsh	nonstocked	N	not scheduled	0	
comnts Fmd : Small marsh - occasionally flooded. Soil=Rousseau-Dawson complex, 0-15% slopes													
76	A 3	A 3	41	6	1	10	50	aspen (upland)	immature	N	40-49 years	0	
comnts Fmd : Cut in 1999-2000. Dense regeneration - mixed species including: bigtooth and quaking aspen, r.maple, b.fir, w.spruce and w.pine. Hilly terrain. soil=Kalkaska sand, 6-15% slopes, burned; and Garlic sand 15-35% slopes													
77	N 0	N 0	3	0	0			marsh	nonstocked	N	not scheduled	0	
comnts Fmd : Small marsh - occasionally flooded. Soil=Rousseau-Dawson complex, 0-15% slopes													
78	N 0	N 0	1	0	0			marsh	nonstocked	N	not scheduled	0	
comnts Fmd : Small marsh - occasionally flooded. soil=Kalkaska sand, 6-15% slopes, burned													
79	M 2	M 2	120	2	0	50		northern hardwood	immature	N	30-39 years	0	
comnts Fmd : Previously typed as a grass stand. Large area filling in with trees - cherry, aspen, r.maple, w.pine, b.fir and w.spruce. Rolling terrain. soil=Kalkaska sand, 1-6% slopes, burned													
80	V 0	V 0	1	0	0			bog or muskeg	nonstocked	N	not scheduled	0	
comnts Fmd : Small bog.													
81	V 0	V 0	1	0	0			bog or muskeg	nonstocked	N	not scheduled	0	
comnts Fmd : Small bog.													

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SHINGLETON FOREST AREA

Stand Level Information

Compartment: 103 Entry Year: 2008

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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								
82	V 0	V 0	4		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : Small bog.														
83	V 0	V 0	2		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : Small bog.														
84	A 3	A 3	47	6	1	0	50	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Cut in 1999, TSI completed in 2001. A few residual white and red pine. Aspen with other species including: w.pine, w.spruce, b.fir, r.maple and cherry. Soil=Garlic sand 15-35% slopes; and Kalkaska sand 6-15% slopes														
85	A 3	A 3	28	6	1	20	50	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Cut in 1999. Scattered white and red pine. Dense regeneration, species include: quaking and bigtooth aspen, cherry, r.maple, w.spruce, b.fir and w.pine. A trail road runs through the stand, and the terrain slopes steeply down on both sides of the road. soil=Kalkaska sand, 6-15% slopes, burned; and Garlic Sand 15-35% slopes														
86	F 6	F 2	120	46	9	70	49	spruce-fir (uplands-including upland black spruce)	immature	N		not scheduled	0	
comnts Fmd : Sucker River influence zone: steep hill and bottom land along Sucker River; also includes a narrow flat area at the top of the hill with an old trail road along the edge. The south facing slopes have less vegetation, and more raw sand exposed. 99=r.maple, cherry, aspen soil=Kalkaska sand, 35-70% slopes, burned														
87	M 6	M 3	10		9	80	50	northern hardwood	unevenaged	N		not scheduled	0	
comnts Fmd : Sucker River Influence Zone - steep hill & bottomland along the Sucker River. soil=Kalkaska sand, 35-70% slopes, burned														
88	Q 6	Q 3	29	66	8	110	35	mixed swamp conifer	immature	N		not scheduled	0	
comnts Fmd : Wet ground throughout much of the stand, with some slightly higher, dry places. Scattered large white pine. There is a flowing creek within the stand, and some seasonal drainages. (Headwaters of Porter Creek.) Regeneration species include: cedar, b.spruce, b.fir, r.maple, and w.pine. Soil=Carbondale, Lupton, and Tawas Soils														
89	S 6	S 2	50	64	9	90	46	black spruce-swamp	immature	N		20-29 years	0	
comnts Fmd : Scattered large white pine. Seasonal drainages within the stand between the small bogs, and flowing toward Porter Creek. Soil=Carbondale, Lupton and Tawas soils														
90	N 0	N 0	15		0	0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Large marshy area with Porter Creek going through it. Tall brush around the edges. Soil=Carbondale, Lupton and Tawas soils														
91	L 0	L 0	30		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Low ground surrounding Porter Creek, which flows into the Sucker River. There is an illegal ORV bridge where the road crosses Porter Creek. A BMP NCR has been filled out to remove the bridge. Soil=Carbondale, Lupton and Tawas soils														
92	W 6	F 3	4	55	10	120	50	white pine	immature	N		10-19 years	0	
comnts Fmd : Scattered large white pine. Dense regeneration: b.fir, w.spruce, w.pine, r.maple & cherry. Seasonal drainages within the stand between the small bogs, and flowing toward Porter Creek. 99=r.maple, cherry and aspen soil=Carbondale, Lupton and Tawas soils														
93	V 0	V 0	1		0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : Small bog with a seasonal drainage flowing toward Porter Creek. Soil=Carbondale, Lupton and Tawas soils.														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 103 Entry Year: 2008

Stand ID	Cover Type- Size Dnstry	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							
94	V 0	V 0	1	0	0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : Small bog with a seasonal drainage flowing toward Porter Creek. Soil=Carbondale, Lupton and Tawas soils													
95	M 6	F 3	15	9	100	50	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : Mixed stand. Regeneration is mainly b.fir and w.spruce. The private line on the south is marked. An illegal ORV trail was found within the stand. A BMP NCR was filled out to block it with rocks. 80=quaking and bigtooth aspen soil=Paquin-Finch Sands, 0-6% slopes													
96	W 6	F 3	16	55	10	120	50	white pine	immature	N	10-19 years	0	
comnts Fmd : Scattered large white pine. Dense regeneration: b.fir, w.spruce, w.pine, r.maple & cherry. Seasonal drainages within the stand between the small bogs, and flowing toward Porter Creek. 99=r.maple, cherry and aspen soils=Carbondale, Lupton and Tawas soils													
97	F 6	F 2	25	46	9	70	49	spruce-fir (uplands- including upland black spruce)	immature	N	not scheduled	0	
comnts Fmd : Sucker River influence zone: steep hill and bottom land along Sucker River; also includes a narrow flat area at the top of the hill with an old trail road along the edge. The south facing slopes have less vegetation, and more raw sand exposed. 99=r.maple, cherry, aspen soil=Kalkaska sand, 35-70% slopes, burned													
98	F 6	F 3	18	47	9	90	50	spruce-fir (uplands- including upland black spruce)	immature	N	20-29 years	0	
comnts Fmd : Variable species composition and density. Regeneration species include: b.fir, w.spruce, w.pine, r.maple, aspen, and cherry. soil=Kalkaska sand, 1-6% slopes, burned													
99	W 6	F 3	8	56	9	110	50	white pine	immature	N	20-29 years	0	
comnts Fmd : Terrain slopes down on north and east at the edge of the stand. Scattered large white pine. Dense regeneration (much of which is 1-3" DBH) with a variety of species: w.spruce, b.fir, w.pine, r.maple, aspen and cherry. soil=Kalkaska sand, 6-15% slopes, burned													
100	W 6	F 3	11	56	10	120	50	white pine	immature	N	10-19 years	0	
comnts Fmd : Rolling terrain on high ground near the Sucker River. Dense regeneration, mainly w.spruce, b.fir, w.pine, and r.maple. Large White Pine scattered throughout. soil=Kalkaska sand, 35-70% slopes, burned													
101	A 5	W 3	24	36	6	40	48	aspen (upland)	immature	N	20-29 years	0	
comnts Fmd : Stand is filling in with a variety of species including: w.pine, b.fir, aspen, w.spruce and r.maple. 98=b.fir and w.spruce soil=Kalkaska sand, 6-15% slopes, burned													
102	M 6	F 3	52	8	80	50	northern hardwood	unevenaged	N		20-29 years	0	
comnts Fmd : Rolling terrain with variable tree densities and species composition. Only a few beech, but beech bark disease is present. Regeneration species include: b.fir, w.spruce, r.maple and w.pine. 99=cherry, y.birch, beech, and aspen soil=Garlic Sand 6-15% slopes													
103	A 5	W 3	86	36	6	40	48	aspen (upland)	immature	N	20-29 years	0	
comnts Fmd : Stand is filling in with a variety of species including: w.pine, b.fir, aspen, w.spruce and r.maple. 98=b.fir and w.spruce soil=Kalkaska sand, 6-15% slopes, burned													
104	W 6	F 2	26	38	9	100	50	white pine	immature	N	10-19 years	0	
comnts Fmd : Rolling terrain. 80=trembling and quaking aspen 98=w.spruce and b.fir soil=Garlic sand 6-15% slopes													
105	J 6	W 1	37	35	7	120	52	jack pine	immature	N	20-29 years	0	
comnts Fmd : Planted in spring of 1971. Rolling terrain. Budworm attack in summer of 2006. soil=Kalkaska sand, 1-6% slopes, burned													

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SHINGLETON FOREST AREA

Stand Level Information

Compartment: 103 Entry Year: 2008

Stand	Cover Type-Dnsty	Under Story-Stkng Level	A c r e s	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
106	J 6	W 1	19	35	8	120	55	jack pine	immature	N	10-19 years	0		
comnts Fmd : Planted in spring of 1971. Rolling terrain. Budworm attack in summer of 2006. A few r.maple and cherry scattered throughout. soil=Kalkaska sand, 6-15% slopes, burned														
107	J 6	W 1	46	35	7	130	54	jack pine	immature	N	20-29 years	0		
comnts Fmd : Planted in spring of 1971. Rolling terrain. Budworm attack in summer of 2006. A few juneberry and cherry scattered throughout. soil=Kalkaska sand, 1-6% slopes, burned														
108	J 5	W 2	4	28	7	40	52	jack pine	immature	N	30-39 years	0		
comnts Fmd : A portion of a jack pine plantation that failed. 91=white pine and aspen soil=Kalkaska sand, 1-6% slopes, burned														
109	J 6	M 1	27	35	8	130	57	jack pine	immature	N	10-19 years	0		
comnts Fmd : Planted in spring of 1971. Rolling terrain. Budworm attack in summer of 2006. A few cherry scattered throughout. soil=Kalkaska sand, 1-6% slopes, burned														
110	J 6	M 1	19	35	8	130	58	jack pine	immature	N	10-19 years	0		
comnts Fmd : Planted in spring of 1971. Rolling terrain. Budworm attack in summer of 2006. A few cherry and white pine scattered throughout. soil=Kalkaska sand, 6-15% slopes, burned														
111	J 6	M 1	37	35	7	130	54	jack pine	immature	N	20-29 years	0		
comnts Fmd : Planted in spring of 1971. Rolling terrain. Budworm attack in summer of 2006. A few red maple and aspen scattered throughout. soil=Kalkaska sand, 6-15% slopes, burned														
112	J 6	M 1	37	35	7	120	54	jack pine	immature	N	20-29 years	0		
comnts Fmd : Planted in spring of 1971. Rolling terrain. Budworm attack in summer of 2006. A few red maple, cherry and aspen scattered throughout. soil=Kalkaska sand, 6-15% slopes, burned														
113	J 6	M 2	38	35	7	140	54	jack pine	immature	N	20-29 years	0		
comnts Fmd : Planted in spring of 1971. Rolling terrain. Budworm attack in summer of 2006. Scattered red maple and cherry. 99=r.maple and aspen soil=Kalkaska sand, 1-6% slopes, burned														
114	J 6	M 1	37	35	7	130	53	jack pine	immature	N	20-29 years	0		
comnts Fmd : Planted in spring of 1971. Budworm attack in summer of 2006. Scattered red maple and cherry. soil=Kalkaska sand, 1-6% slopes, burned														
115	J 6	M 1	36	35	7	120	53	jack pine	immature	N	20-29 years	0		
comnts Fmd : Planted in spring of 1971. Budworm attack in summer of 2006. Scattered red maple, aspen and cherry. soil=Kalkaska sand, 1-6% slopes, burned														
116	J 6	M 1	26	35	6	100	50	jack pine	immature	N	20-29 years	0		
comnts Fmd : Planted in spring of 1971. Budworm attack in summer of 2006. Scattered cherry. soil=Kalkaska sand, 1-6% slopes, burned														
117	J 6	M 1	38	35	7	120	53	jack pine	immature	N	20-29 years	0		
comnts Fmd : Planted in spring of 1971. Budworm attack in summer of 2006. Scattered red maple, aspen and cherry. soil=Kalkaska sand, 1-6% slopes, burned														
118	J 6	M 1	38	35	7	110	50	jack pine	immature	N	20-29 years	0		
comnts Fmd : Planted in spring of 1971. Budworm attack in summer of 2006. Scattered red maple and cherry. soil=Kalkaska sand, 1-6% slopes, burned														

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SHINGLETON FOREST AREA

Stand Level Information

Compartment: 103 Entry Year: 2008

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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								
119	M 2	M 2	139		2	0	50	northern hardwood	immature	N		30-39 years	0	
comnts Fmd : Previously typed as a grass stand. Large area filling in with trees - cherry, aspen, r.maple, w.pine, b.fir and w.spruce. Rolling terrain. soil=Kalkaska sand, 1-6% slopes, burned														
120	A 3	A 3	11	28	2	0	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Previously typed as grass - filling in with trees. Species include: aspen, cherry with a few j.pine, w.pine, w.spruce, b.fir and r.maple. soil=Kalkaska sand, 6-15% slopes, burned														
121	Z 0	Z 0	1					water	nonstocked	N		not scheduled	0	
comnts Fmd : East half of the Sucker River, which is the compartment boundary.														
122	Z 0	Z 0	1					water	nonstocked	N		not scheduled	0	
comnts Fmd : East half of the Sucker River, which is the compartment boundary.														
123	Z 0	Z 0	11					water	nonstocked	N		not scheduled	0	
comnts Fmd : East half of the Sucker River, which is the compartment boundary.														
124	M 6	M 2	8		7	80	50	northern hardwood	immature	N		20-29 years	0	
comnts Fmd : Mainly Red Maple, with Aspen near the edges. soil=Kalkaska sand, 1-6% slopes, burned														
125	Z 0	Z 0	19					water	nonstocked	N		not scheduled	0	
comnts Fmd : East half of the Sucker River, which is the compartment boundary.														
401	G 0	G 0	3		0	0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Small grassy opening, filling in with trees (w.pine, w.spruce, cherry and b.fir). Habitat Type = PVE soil=Kalkaska sand, 1-6% slopes, burned														
402	G 0	G 0	30		0	0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Large grassy opening with rolling terrain. Scattered trees: cherry, w.pine, juneberry, j.pine, w.spruce, b.fir. Habitat Type = PVE soil=Kalkaska sand, 1-6% slopes, burned														
403	G 0	G 0	11		0	0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Small grassy opening filling in with trees. Habitat Type = PVE soil=Kalkaska sand, 1-6% slopes, burned														
404	G 0	G 0	2		0	0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Small grassy opening filling in with trees. Habitat Type = PVE soil=Kalkaska sand, 1-6% slopes, burned														
405	G 0	G 0	22		0	0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Grassy opening with rolling terrain. Small groups of trees: cherry, r.maple, aspen, w.pine. Habitat Type = PVE soil=Kalkaska sand, 1-6% slopes, burned														
406	G 0	G 0	73		0	0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Large grassy opening. Rolling terrain. Scattered trees: w.pine, cherry, w.spruce, aspen. Habitat Type = PVE soil=Kalkaska sand, 6-15% slopes, burned														

SHINGLETON FOREST AREA

Stand Level Information

Compartment: 103 Entry Year: 2008

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H	Tot. BA							
407	G 0	G 0	654	0	0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Large grassy opening. Rolling terrain. Scattered trees: w.pine, cherry, w.spruce, aspen. Habitat Type = PVE soil=Kalkaska sand, 1-6%, 6-15% slopes, burned													
408	G 0	G 0	2	0	0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Small grassy opening filling in with trees. Habitat Type = PVE soil=Kalkaska sand, 1-6% slopes, burned													

Total Acres..... 3418