

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 69

Entry Year: 2007

* 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	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	S5	S3	18	60	7	50	40	black spruce-swamp	immature	N		20-29 years	0	
comnts Fmd : Small diameter spruce stand. Only access is through private to the north. Stand is healthy. Kinross-Dawson complex of soils.														
2	J6	J1	4	85	10	80	47	jack pine	mature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Adjacent landowner denies access Inadequate volume due to small acreage														
comnts Fmd : Small ridge of mature jack pine intermixed with adjacent spruce stand. Nice tall, healthy jack pine. Access could be a problem. Deer Park-Kinross complex														
3	L0	L0	31			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Markey and Carbondale mucks														
4	N0	N0	32			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Beaver marsh. Poned areas. Old wood duck boxes along the edges.														
5	F6	F3	1	65	9	90	46	spruce-fir (uplands-including upland black spruce)	two aged	Y	final harvest	within 0-9 years	2	
<u>Treatment Limiting Factors:</u> Adjacent landowner denies access Land survey needed Inadequate volume due to small acreage														
comnts Fmd : Large diameter white pine over lower quality red maple, white birch, spruce and balsam. Similar to stand 10 without the pockets of birch. Access is questionable across various land owners. Very small acreage. Limiting factors. Management objective is balsam fir with a mix of other species. Secondary MO would be northern hardwoods with a mix of other species. Halfaday sands.														
6	F6	F3	10	65	9	90	46	spruce-fir (uplands-including upland black spruce)	two aged	Y	final harvest	within 0-9 years	2	
<u>Treatment Limiting Factors:</u> Adjacent landowner denies access Land survey needed														
comnts Fmd : Large diameter white pine over lower quality red maple, white birch, spruce and balsam. Similar to stand 10 without the pockets of birch. Access is questionable (whitefish township schools). Prescribe for final harvest if we gain access. Limiting factors. Management objective is balsam with a mix of other species. Secondary MO would be northern hardwoods with a mix of other species. Halfaday sands.														
7	B5	F3	6	81	7	60	46	paper birch	low quality	Y		40-49 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to low stocking/small diameter/etc. Adjacent landowner denies access														
comnts Fmd : Narrow ridge of small diameter white birch with a thick F3 understory. Quality is poor in the overstory.														
8	V0	V0	8			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : Open bog. Histosols and Aqents														
9	V0	V0	2			0		bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : Open bog. Histosols and Aqents														

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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							
10	F6	F3	46	56	9	90	46	spruce-fir (uplands-including upland black spruce)	two aged	Y	seed tree	within 0-9 years	2	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access</p> <p>comnts Fmd : Mixed stand of maple, white birch, spruce, balsam, white pine, red pine, some red oak and some hemlock. Low quality in the maple, birch, spruce and balsam. Pockets of high BA of white birch with many dead tops. Access could be possible via snowmobile trail off of M-123 across private land. Mortality in the white birch throughout the stand. Harvest all species except white pine, red pine, red oak, and hemlock. Management objective is balsam with a component of white birch, spruce and hardwoods. Secondary MO would be northern hardwoods with a mix of other species. Halfaday sands and Kinross-Augres sand loam as the soil types. Possible to harvest in non-winter months to avoid conflict with snowmobile trail</p>														
11	V0	V0	8			0		bog or muskeg	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Open bog. Histosols and Aquentis</p>														
12	L0	L0	36			0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Markey and Carbondale mucks</p>														
13	N0	N0	26			0		marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : SCA - Patterned Fen association/adjacency. MNFI comments are included in the compartment file and some notes included with stand 20. Small spruce and cedar throughout. More cedar in northern portion and more spruce in the southern portion. Markey and Carbondale muck soils.</p>														
14	D0	D0	75			0		treed bog	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Patterned Fen association/adjacency. MNFI comments are included in the compartment file and some notes are included with stand 20. Many areas with dead cedar or dead tops. Some areas are mainly a C3. Fingers of cedar out within the treed bog. Markey and Carbondale muck soils.</p>														
15	C4	C3	74	75	6	20	27	cedar	old growth (potential or actual)	N		60-69 years	0	
<p>comnts Fmd : SCA - Patterned Fen association/adjacency. MNFI comments are included in the compartment file and some notes are included with stand 20. Many areas with dead cedar or dead tops. Some areas are mainly a C3. Fingers of cedar out within the treed bog. Markey and Carbondale muck soils.</p>														
16	C5	C2	13	67	6	50	27	cedar	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : SCA - stand adjacent to Patterned Fen, possible buffer/inclusion. C5/C3. Lower areas are more of a C3. Very slight ridges of thicker cedar. Lots of cedar with dead tops. Scattered black spruce. Snowmobile trail runs north-south through stand. Markey and Carbondale muck soils.</p>														
17	D0	D0	80			0		treed bog	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Patterned Fen association/adjacency. MNFI comments are included in the compartment file and some notes are included with stand 20. Small spruce and cedar throughout. More cedar in northern portion and more spruce in the southern portion. Markey and Carbondale muck soils.</p>														
18	V0	V0	5			0		bog or muskeg	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - stand is adjacent to Patterned Fen, possible buffer or inclusion in the complex. Markey-Kinross-Au Gres soil complex.</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
19	C4	C3	18	75	6	20	27	cedar	old growth (potential or actual)	N		60-69 years	0	
comnts Fmd : SCA - stand is adjacent to Patterned Fen, possible buffer/inclusion to the complex. Many areas with dead cedar or dead tops. Some areas are mainly a C3. Fingers of cedar out within the treed bog. Markey and Carbondale muck soils.														
20	V0	V0	561			0		bog or muskeg	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Patterned Fen complex. Large open "bog". Appears to be a pattern fen. Series of small water holes and areas of "drier" ground situated in a NE-SW pattern. Discussion with MNFI (Josh Cohen) determined that the patterning from the documented patterned fen south of Section 3 extends into sections 3,4, 33 and 34. The survey that documented the patterned fen to the south was limited to the Tahquamenon Falls State Park boundary. Markey and Carbondale muck soils.														
21	D0	D0	110			0		treed bog	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Patterned Fen association/adjacency. MNFI comments are included in the compartment file and some note are included with stand 20. Small spruce and cedar throughout. More cedar in northern portion and more spruce in the southern portion. Markey and Carbondale muck soils.														
22	Q5	C2	85	71	8	50	27	mixed swamp conifer	low quality	N		not scheduled	0	
comnts Fmd : Markey and Carbondale muck soils.														
23	R6	N1	9		10	110	45	red pine	unevenaged	N		not scheduled	0	
comnts Fmd : Natural red pine stand along ridges. Primarily red pine with jack pine and white pine throughout. Understory is fairly open. No access. Blocked off by gated/fenced private sanctuary. Deer park-Kinross soil complex.														
24	D0	D0	13			0		treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Dawson and Loxley peats. Small stunted black spruce.														
25	S6	S2	7	73	7	70	35	black spruce-swamp	low quality	N		10-19 years	0	
comnts Fmd : Bog type ground. Markey-Kinross-Augres soil complex.														
26	R6	N1	18		10	110	45	red pine	unevenaged	N		not scheduled	0	
comnts Fmd : Natural red pine stand along ridges. Primarily red pine with jack pine and white pine throughout. Understory is fairly open. No access. Blocked off by gated/fenced private sanctuary. Deer park-Kinross soil complex.														
27	D0	D0	1			0		treed bog	nonstocked	N		not scheduled	0	
comnts Fmd : Dawson and Loxley peats. Small stunted black spruce.														
28	W6	F2	46		11	120	45	white pine	unevenaged	N		10-19 years	0	
comnts Fmd : Ridges of natural white pine and red pine with a mix of shite birch, spruce, maple and some red oak. Cedar along the edges of the lower ground. Mostly a white pine stand. Pockets of white birch and red maple. Rolling ridges. Deer Park-Kinross soil complex.														
29	N0	N0	15			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Marsh/bog surrounding the small lakes. Dawson and Loxley peats.														

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					D B H	Tot. BA								
30	Z0	Z0	1			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : small marsh/bog lakes														
31	Z0	Z0	3			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : small marsh/bog lakes														
32	S6	F2	16	85	8	100	30	black spruce-swamp	mature	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access Land survey needed														
comnts Fmd : Nice quality spruce stand. Some white pine and scattered white birch. Access is a problem. Prescribe for harvest. Management objective is black spruce. Secondary MO is white pine with a spruce component. Kinross-Wainola soil complex.														
33	Z0	Z0	3			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : small marsh/bog lakes														
34	N0	N0	2			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Marsh/bog surrounding the small lakes. Dawson and Loxley peats.														
35	B6	F3	17	67	8	110	46	paper birch	two aged	Y	seed tree	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access Land survey needed														
comnts Fmd : White birch, red maple, large diamter white pine, some spruce and balsam. Scattered hemlock mainly in lower areas. Some mortality in white birch. Access is a problem. Prescribe for a seed tree harvest. Management objective is white birch. Secondary management objective is northern hardwoods with a white birch component. Deer park-Kinross soil complex.														
36	Q5	Q2	331	67	7	60	27	mixed swamp conifer	low quality	N		30-39 years	0	
comnts Fmd : Large acreage, wet mixed conifer stand. Cedar, spruce and tamarack. Pockets of solid cedar (C6) within the stand. Lots of blowdown in areas. Markey and Carbondale muck soils.														
37	A6	F3	25	69	9	100	50	aspen (upland)	mature	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access Land survey needed														
comnts Fmd : Old, mature aspen stand with mortality in the aspen throughout. Some white birch mortality. Thick understory of balsam. Access is very questionable through a gated private club. Management objective is aspen. Secondary MO is white birch with an aspen component. Markey-Kinross-Au Gres soil complex														
38	Q4	Q2	107	67	7	40	27	mixed swamp conifer	old growth (potential or actual)	N		50-59 years	0	
comnts Fmd : SCA - stand is adjacent to Patterned Fen, possible buffer/inclusion to the complex. Lower basal area than stand 36 but same species (spruce, cedar and tamarack). Wet, mixed conifer stand. Lots of blowdown in areas. Markey and Carbondale muck soils.														
39	C5	C2	94	80	6	40	27	cedar	old growth (potential or actual)	N		40-49 years	0	
comnts Fmd : SCA - stand is adjacent to Patterned Fen, possible buffer/inclusion to the complex. Wet ground, poor quality cedar. Scattered pockets of black spruce. Dead tops and mortality throughout stand. Markey-Kinross-Au Gres soil complex.														

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				Age	B H	Tot. BA							
40	D0	D0	26			0	treed bog	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - northern reaches of a documented Patterned Fen complex to the south of the compartment. Could almost be typed as a Q3. Treed bog filling in with stunted cedar and tamarack. Markey-Kinross-Au Gres soil complex.													
41	D0	D0	17			0	treed bog	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - northern reaches of a documented Patterned Fen complex to the south of the compartment. Treed bog filling in with stunted cedar and tamarack. Markey-Kinross-Au Gres soil complex.													
42	S5	S2	33	59	8	60	43	black spruce-swamp	old growth (potential or actual)	N	20-29 years	0	
comnts Fmd : SCA - stand is adjacent to Patterned Fen area, possible buffer. Small, open ridges of mainly spruce and scattered larger white pine. Pockets of higher BA of spruce. Snowmobile trail runs through stand. Markey-Kinross-Au Gres soil complex.													
43	L0	L0	4			0	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - stand is adjacent to Patterned Fen area, possible buffer/inclusion to the complex. Black Creek flows through stand.													
44	N0	N0	8			0	marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - stand is adjacent to Patterned Fen area, possible buffer/inclusion to the complex. Beaver activity. Markey-Kinross-Au Gres soil complex.													
45	V0	V0	8			0	bog or muskeg	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - stand is adjacent to Patterned Fen area, possible buffer/inclusion to the complex. Markey-Kinross-Au Gres soil complex.													
46	A6	F3	4	81	10	70	46	aspen (upland)	mature	Y	final harvest	within 0-9 years	2
<u>Treatment Limiting Factors:</u>													
Adjacent landowner denies access													
Land survey needed													
comnts Fmd : Small acreage of mature aspen along the edge of a marsh. Red maple, large diameter white pine and scattered white birch and red oak. Access is questionable (Whitefish Township School property). Prescribed for final harvest. Management objective is aspen. Secondary MO would be northern hardwoods with an aspen component.													

Total Acres..... 2057