

\* 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	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	B H	Tot. BA							
1	Y0	Y0	8			0	sand dunes	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand fluctuates in size with changing waterlevels. SCV=Potential Natural Area													
2	Y0	Y0	38			0	sand dunes	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand fluctuates in size with changing waterlevels. SCV= Potential Natural Area													
3	R8	M1	4	95	14	60	50	red pine	old growth (potential or actual)	Y		not scheduled	0
<u>Treatment Limiting Factors:</u> Influence zones Scenic values/visual values Potential or designated old growth													
comnts Fmd : Stand is mostly on a ridge that is on the south edge of Lake Superior beech. Some lowland brush areas throughout. Stand is influenced by L. Superior and its changing water levels. Jack pine and p. birch are dying out. Oak present. Sand is the ground cover in some places. SCV=Potential Natural Area.													
4	L0	L0	19			0	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand is mostly lowland brush/marsh. Scattered trees throughout, mixed tree species, lowland conifers, RP,WP,JP, red maple, p. birch. Marshy in some areas and lowland brush in others. Some 'upland' areas that support trees but too small to type out. Soil=Crowell / Markey Complex. SCV= Potential Natural Area.													
5	Z0	Z0	21			0	water	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Part of the Weatherhogs Lake Complex. Lake level is pretty low now, not much water at all. SCV= Potential Natural Area.													
6	N0	N0	3			0	marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Marsh lowland. Lowland brush present. Soil = Crowell / Markey Complex. SCV=Potential Natural Area.													
7	R9	S1	3	100	14	70	55	red pine	old growth (potential or actual)	Y		not scheduled	0
<u>Treatment Limiting Factors:</u> Potential or designated old growth Road needed (resources not presently available)													
comnts Fmd : Narrow ridge with difficult access. Ridge is surrounded by lowland types. Ridge is a mix of pine, aspen, birch, spruce and oak. SCV=Potential Natural Area.													
8	L0	L0	58			0	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand is mostly lowland brush/marsh. Scattered trees throughout, mixed tree species, lowland conifers, RP,WP,JP, red maple, p. birch. Marshy in some areas and lowland brush in others. Some 'upland' areas that support trees but too small to type out. Soil=Crowell / Markey Complex. SCV=Potential Natural Area.													

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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							
9	N0	N0	4					marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Marsh lowland. Lowland brush present. Soil = Crowell / Markey Complex. SCV=Potential Natural Area.														
10	S6	S1	13	95	8	80	40	black spruce-swamp	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Potential or designated old growth Road needed (resources not presently available)														
comnts Fmd : Stand is mostly black spruce / tamarack in low ground with the east end of it coming up on the back of a small ridge that mostly supports spruce JP, RP, WP. Difficult stand to access due to steep ridges to the south and surrounding lowland types. Soil = Croswell / Markey Complex. SCV=Potential Natural Area.														
11	L0	L0	7					lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Thick tag alder. Some scattered tamarack, p. birch, cedar, spruce, red maple on edges and throughout. Intermittant flowage of water in the middle of the stand. SCV=Potential Natural Area.														
12	Z0	Z0	30					water	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Weatherhogs Lake Complex. SCV=Potential Natural Area.														
13	R8	M1	7	95	14	60	50	red pine	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Influence zones Scenic values/visual values Potential or designated old growth														
comnts Fmd : Stand is mostly on a ridge that is on the south edge of Lake Superior beech. Some lowland brush areas throughout. Stand is influenced by L. Superior and its changing water levels. Jack pine and p. birch are dying out. Oak present. Sand is the ground cover in some places. SCV=Potential Natural Area.														
14	N0	N0	33					marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Lowland marsh/bog. Mostly grass type and wetland plant species on the ground. Some standing trees and snags, lowland brush and tree seedlings/saplings present. SCV=Potential Natural Area.														
15	Z0	Z0	4					water	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Weatherhogs Lake Complex. SCV=Potential Natural Area.														
16	J5	J1	1	85	10	60	50	jack pine	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones														
comnts Fmd : Stand is on a ridge that is surrounded by lowland types. Old JP/RP/Oak. There is an old road on the back of the ridge that dead ends on the east end of ridge. This stand is directly adjacent to a parcel of property owned by the Wildshore Foundation Property (Their goal is to preserve Vermillions Historical and Natural Environment). SCV=Potential Natural Area.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
17	J5	S1	1	75	9	50	50	jack pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Narrow, subtle ridge of jack pine / mixed pine. Trees are getting old with some mortality. Stand is surrounded by lowland bog/marsh type. SCV=Potential Natural Area.</p>														
18	N0	N0	5			0		marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : Lowland marsh/bog. Mostly grass type and wetland plant species on the ground. Some standing trees and snags, lowland brush and tree seedlings/saplings present. SCV=Potential Natural Area.</p>														
19	T5	T1	9	75	8	60	45	tamarack	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth</p> <p>comnts Fmd : Stand is mostly tamarack and spruce with a scattered mix of white pine, cedar, p. birch. Low ground. SCV=Potential Natural Area.</p>														
20	S6	S2	6	85	9	70	45	black spruce-swamp	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too wet Quiet area/natural area/wilderness</p> <p>comnts Fmd : Stand is along a narrow ridge surrounded by lowland types, difficult to access. Scattered white pine and red pine mixed throughout the stand. Soil = Markey / Kinross / AuGres Complex. SCV=Potential Natural Area.</p>														
21	L0	L0	13			0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : Thick lowland brush. SCV=Potential Natural Area.</p>														
22	J6	N1	14	85	10	100	53	jack pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones</p> <p>comnts Fmd : Stand is on a ridge that is surrounded by lowland types. Old JP/RP/Oak. There is an old road on the back of the ridge that dead ends on the east end of ridge. People currently use it to access Weatherhogs Lake. This stand is directly adjacent to a parcel of property owned by the Michigan Nature Association (Pat Grogan Orchid Bog). SCV=Potential Natural Area.</p>														
23	Z0	Z0	2			0		water	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCV=Potential Natural Area.</p>														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 54

Entry Year: 2007

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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							
24	B6	F3	42	75	9	70	50	paper birch	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too steep														
Scenic values/visual values														
Potential or designated old growth														
comnts Fmd : Stand falls on the side of a steep north facing hillside / escarpment that transitions from upland sand type to lowland type. Stand is a mix of tree species, birch, oak, JP, RP, WP R. maple, cedar, hemlock, spruce and balsam. P. Birch is dying out, balsam fir understory is thick in most places throughout stand. SCV=Potential Natural Area.														
25	J2	J2	65	23	3	0	47	jack pine	immature	N		40-49 years	0	
comnts Fmd : Stand was treated in 1981, sale# 19-79A. It was scarified in 1982, FTP#42-34. Some of stand was also direct seeded with JP in 1995, FTP#42-314. Scattered RP / oak overstory mixed throughout, some birch as well. Stand looks to be medium stocked, regen is thick and thin, several open areas throughout with limby JP coming in.														
26	J4	J2	66	27	4	20	46	jack pine	immature	N		40-49 years	0	
comnts Fmd : Stand was treated in 1978, sale# 14-76A. Some of stand was direct seeded w/JP in 1995, FTP42-314. Stand is well stocked and is just coming into pole size class.														
27	L0	L0	5			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Tag alder, grass and leatherleaf.														
28	J6	N1	18	75	10	100	46	jack pine	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Recreational site														
Scenic values/visual values														
comnts Fmd : Mature stand of jack pine. Stand is on the north edge of The Widewaters. Campers frequently use areas within the stand. Seems to be somewhat popular, there were people in whenever I was in the area. Pretty spot.														
29	R8	J2	9	85	14	40	47	red pine	two aged	Y		40-49 years	0	
<u>Treatment Limiting Factors:</u>														
Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Stand was treated in 1981, sale# 19-79A. It was scarified in 1982, FTP#42-34. Some of stand was also direct seeded with JP in 1995, FTP#42-314. Scattered RP / oak overstory mixed throughout, some birch as well. A small 1 acre fire burned in this stand in the summer of 2005.														
30	J4	J2	72	39	4	10	45	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand was treated in 1976, sale# 10-75A. Stand was machine planted in 1965, FTP#C42-65. Just coming into pole size class. Well stocked.														
31	J5	J1	14	40	8	60	46	jack pine	immature	N		20-29 years	0	
comnts Fmd : A portion of this stand was direct seeded with JP in 1995, FTP#C42-314.														
32	R7	M2	12	85	13	30	46	red pine	two aged	Y		50-59 years	0	
<u>Treatment Limiting Factors:</u>														
Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Stand was cut in 1993, T.Sale#032-89. Birch, oak, r. maple, JP and WP regen. JP regen is thicker in some places but hwd species are prevailing right now. Regen height of 5 - 15', 1"DBH.														
33	R9	N1	23	75	12	100	49	red pine	immature	N		20-29 years	0	
comnts Fmd : Stand was treated in 1999, T.Sale#006-97. It was not scarified. This stand is essentially the same as stand 34 as far as cover type but it has much steeper hills, difficult to operate on them as far as logging.														

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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							
34	R9	N 1	88	75	12	100	49	red pine	immature	N		20-29 years	0	
comnts Fmd : Stand was treated in 1999, T.Sale#006-97. It was not scarified.														
35	J3	J3	36	24	3	0	47	jack pine	immature	N		30-39 years	0	
comnts Fmd : Stand was treated in 1980, T.Sale#3-77A. Scattered overstory of WP,RP,Oak.														
36	J2	J2	26	15	1	0	47	jack pine	immature	N		50-59 years	0	
comnts Fmd : Sale was cut in 1993, T.Sale#032-89. Oak in NE corner of stand. JP regen is 5-15' tall, 1" DBH.														
37	B5	F1	2	75	10	60	50	paper birch	mature	Y	final harvest	within 0-9 years	3	
<u>Treatment Limiting Factors:</u> Too steep														
comnts Fmd : Stand is a mix of p. birch, JP, RP, WP. Stand falls on the side of an escarpment, steep in places. Portions of it may be difficult to operate on without doing damage. Better assess the hillside for operability while preparing adjacent stand for treatment. Alternate Management Objective would be jack pine or a mix of what is currently there.														
Wld : leave the white pine														
38	R9	N 1	4	80	14	100	48	red pine	mature	Y	selection	within 0-9 years	2	
<u>Treatment Limiting Factors:</u> Too steep														
comnts Fmd : RP/WP/JP, p. birch mix. Stand falls on the side of an escarpment. Stand may be difficult to operate on without doing damage. Further assess the stand for operability while preparing the adjacent stand for harvest. Alternate management objective would be white pine or a mix of what is currently there.														
Wld : leave the white pine and paper birch														
39	J6	N 1	13	80	10	110	47	jack pine	mature	Y	selection	within 0-9 years	1	natural regeneration
comnts Fmd : Jack pine throughout stand. Thicker patches of RP/WP in some areas of stand that may need to be marked if stand is treated. Alternate management objective would be white pine or a mix of what is currently there.														
Wld : leave oak and white and red pine unless some pine needs to be cut to improve maneuverability														
40	R7	J2	16	25	12	20	47	jack pine	two aged	N		40-49 years	0	
comnts Fmd : Stand was treated in 1979, T.Sale#7-77A. Stand was scarified in 1980, FTPC169, and direct seeded w/JP. Stand is situated on rolling topography. Overstory of RP/Oak with mostly jack pine regen underneath. RP/Oak/p.birch regen mixed in as well. Some WP in overstory as well, pockets of heavier RP residual.														
41	O8	N 2	13	80	12	60	47	oak	two aged	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Stand was treated in 1979, T.sale#7-77A. Stand was scarified in 1980, FTP#C169. JP has been underplanted / seeded in places. Oak regen and thick WP regen in places.														
42	J6	M1	101	75	10	90	48	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : JP is mixed ages in places and is regenerating in others. Some JP is 6+ sticks tall in places. P. birch is nearly dead or dying. The west side of stand has been underplanted with RP. Alternate management objective would be red pine.														
Wld : leave oak and red and white pine														

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					D B H	Tot. BA	Site Indx							
43	B6	N 2	19	75	9	90	50	paper birch	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too steep														
Scenic values/visual values														
comnts Fmd : Stand falls on the top of an escarpment. It transitions from a drier pine site to a steep escarpment leadiing north downhill to lowlands. Mix of birch, r. maple, oak, RP/WP, spruce and balsam. B. fir and r. maple in the understory with WP. Oak is thicker in places than the birch.														
44	Q5	Q 2	40		7	50	35	mixed swamp conifer	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Potential or designated old growth														
Too wet														
comnts Fmd : SCV=Potential Natural Area.														
45	N0	N0	23					marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Lowland marsh / bog. SCV=Potential Natural Area.														
46	Z0	Z0	26					water	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Two-Mile Lake complex. SCV=Potential Natural Area.														
47	N0	N0	3					marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Island of marsh in the middle of Two-Mile Lake. SCV=Potential Natural Area.														
48	N0	N0	11					marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCV=Potential Natural Area.														
49	N0	N0	1					marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Island of marsh in the middle of Two-Mile Lake. SCV=-Potential Natural Area.														
50	Q5	Q 2	29	95	10	60	48	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Potential or designated old growth														
Influence zones														
comnts Fmd : Stand is mostly on a subtile, narrow ridge surrounded by lowland type. Difficult to access the stand. Mix of p.birch, red maple, white pine, spruce, cedar, red pine. Birch is dying out. R. Maple, birch, cedar seedlings and saplings. Soil= Markey/Kinross/AuGres Complex. SCV=Potential Natural Area.														
51	N0	N0	2					marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCV=Potential Natrual Area.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	Ave. D	B	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
52	Q4	L0	43	7	30	25	mixed swamp conifer	old growth (potential or actual)	N			not scheduled	0	
comnts Fmd : Many areas of this stand are marsh-like / tree bog-like. Wet ground. Snags and dying trees. Mostly lowland conifer species. Soil = Markey/Kinross/AuGres Complex. SCV=Potential Natural Area.														
53	B6	N1	22	85	10	100	50	paper birch	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones Scenic values/visual values														
comnts Fmd : Soil = Markey - Kinross - AuGres Complex. SCV=Potential Natural Area.														
54	N0	N0	15					marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand frequently fills with water. Soil = Markey/Kinross/AuGres Complex. SCV=Potential Natural Area.														
55	N0	N0	1					marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand frequently fills with water. Soil = Markey/Kinross/AuGres Complex. SCV=Potential Natural Area.														
56	Y0	Y0	39					sand dunes	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand fluctuates in size with changing waterlevels. SCV=Potential Natural Area.														
57	Z0	Z0	9					water	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Water. SCV=Potential Natural Area.														
58	C5	Q1	17	8	60	25		cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Mostly cedar with lowland conifer species mixed throughout. Low ground. SCV=Potential Natural Area.														
59	M9	F2	7	95	14	100	55	northern hardwood	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Hardwood stand, low quality red maple, some large over-mature, defective trees. W. spruce is large diameter and tall. There is a steep knob in the west side of stand. Mix of hemlock, WP, birch, spruce, balsam, JP on the knob. Stand is directly adjacent to Michigan Nature Association property. SCV=Potential Natural Area.														
61	B5	F2	30	75	7	60	48	paper birch	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Inferior quality														
comnts Fmd : Stand is a mix of p. birch, r. maple, JP, WP, spruce, balsam and RP. Trees are shorter and low quality. P. birch is dying out. Understory is thick in places w/ b.fir and white pine. Assess stand for harvest when adjacent stand 65 is treated.														
64	W6	F2	3	75	11	100	50	white pine	immature	N		10-19 years	0	
comnts Fmd : R. Maple, spruce and red pine present.														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 54

Entry Year: 2007

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					D B H	Tot. BA	Site Indx							
65	R6	R1	97	45	9	110	45	red pine	two aged	N		10-19 years	0	
comnts Fmd : Stand is mostly RP with a WP/JP mix. P. birch scattered throughout. R. Pine was planted under older R. Pine in 1960. Pockets of JP throughout stand.														
66	B5	F2	1	75	9	60	48	paper birch	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage														
comnts Fmd : Stand sits on the N. facing side of a sand ridge. Mostly p.birch with WP, r. maple, spruce, balsam, RP. Balsam fir and WP regen, thick in places. Schedule stand with adjacent stand 65.														
67	B5	F2	1	75	9	60	48	paper birch	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage														
comnts Fmd : Stand sits on the N. facing side of a sand ridge. Mostly p.birch with WP, r. maple, spruce, balsam, RP. Balsam fir and WP regen, thick in places. Schedule stand with adjacent stand 65.														
68	Z0	Z0	2				0	water	nonstocked	N		not scheduled	0	
comnts Fmd : Water hole at the base of a steep escarpment.														
69	B5	N2	5	75	8	40	48	white pine	low quality	Y		50-59 years	0	
<u>Treatment Limiting Factors:</u> Inferior quality														
comnts Fmd : Birch is dying out and is low quality. WP and balsam fir understory, thick in most places. WP is taking site over.														
71	M9	F2	6		14	100	55	northern hardwood	mature	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too steep														
comnts Fmd : Stand falls on a very steep hillside. It is too steep to operate on.														
72	R6	N1	18	45	10	110	45	red pine	immature	N		10-19 years	0	
comnts Fmd : Stand was planted in 1960. Mix of JP, RP, WP and p. birch throughout. Stand has never been thinned. Access is through PVT land to the south. Very steep hill to the north. Treat stand with stand to the west.														
73	J6	N1	9	45	9	110	47	jack pine	immature	N		10-19 years	0	
comnts Fmd : JP was planted in 1960. Access is to the south through PVT land. There is a steep escarpment to the north.														
74	W6	F2	14		9	80	45	white pine	unevenaged	N		20-29 years	0	
comnts Fmd : Stand is a mixed bag of WP/RP/Spruce/balsam/JP/P.Birch/R.Maple. B. fir understory, thick in places. Stand transitions from pine to low quality hardwoods as you move from east to west.														
75	J6	F2	3	75	9	100	47	jack pine	mature	Y	final harvest	within 0-9 years	2	natural regeneration
<u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage														
comnts Fmd : Stand is natural JP. When treated, access is to the south through PVT land. There is a steep escarpment to the north. Treat with stands adjacent to the east.														
Wld : leave any red and white pine in the stand														
76	M5	G0	3	55	7	50	48	northern hardwood	immature	N		20-29 years	0	
comnts Fmd : Stand transitions from maple type to west to a pine type. B. fern, reindeer/club moss on the ground. WP/balsam fir regen that is thick and thin. Maple is poor quality and small diameter.														

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Compartment: 54

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Stand ID	Cover Type-Dnsty	Under Story-Stkng Level	Age	Ave. D	B	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
77	M6	F3	18	9	100	55	northern hardwood	unevenaged	unevenaged	N		10-19 years	0	
comnts Fmd : Thick b. fir understory throughout most of the stand. Some large w.spruce in here, most are pretty limby. Schedule stand with adjacent stands to the east.														
78	F6	F3	9	45	9	90	50	spruce-fir (uplands-including upland black spruce)	immature	N		10-19 years	0	
comnts Fmd : Schedule stand with surrounding stands.														
79	H6	H2	70	11	140	58	hemlock	old growth (potential or actual)	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Potential or designated old growth Influence zones														
comnts Fmd : Stand is a mix of hemlock, WP, spruce, yellow birch, paper birch, balsam, beech, and red maple. Beech in stand has BBD. Portion of stand was treated in 1979, sale#12-79A. Old logging roads present but growing in. Roads are impassible to vehicles. Lowland pockets scattered throughout stand that hold water seasonally. Current moose activity in stand. Stand is directly adjacent a land owned by the Little Traverse Conservancy, this tract is called the Jinny Palms Wildlife Preserve (~400 acres). Soil= Wainola/Kinross/Rousseau Complex. SCV=Potential Natural Area.														
80	M9	M3	9	14	80	60	northern hardwood	old growth (potential or actual)	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand was treated in 1979, sale#12-79A. Old logging roads within stand are growing in. Some sugar maple present. Poor quality trees. Thick maple reproduction in understory, sapling sized. Large scattered WP. Recent moose activity in stand. Stand is directly adjacent to land owned by the Little Traverse Conservancy (Jinny Palms Wildlife Preserve ~400 acres). Soil = Wainola/Kinross/Rousseau Complex. BBD on beech trees. SCV=Potential Natural Area.														
81	Z0	Z0	3		0		water	nonstocked	nonstocked	N		not scheduled	0	
comnts Fmd : Water hole at the bottom of a steep escarpment.														
82	M2	S1	58	7	0	48	jack pine	immature	immature	N		within 0-9 years	0	planting
comnts Fmd : Stand was cut in the winter of 1998, T.Sale#007-97. Stand is regenerating to spruce, balsam, aspen and stump sprout p. birch and r. maple. Not much JP or pine regeneration coming which was the original MO. Stand was never scarified after harvest (not sure if regen check was ever done??) If stand is planted to JP it would probably need to be hand planted, there is rolling topography in here that may make it too difficult for machine planting. There are occasional Spruce/R.Maple/balsam in overstory.														
83	R6	M1	20	45	10	90	47	red pine	immature	N		10-19 years	0	
comnts Fmd : Stand was planted in 1960. Stand was cut through in 2001, Sale#007-97. Not much R.pine removed, only r.maple, birch, spruce and j.pine. RP in here are 3-5 sticks tall and some are limby.														
84	Q5	F1	1	9	60	50	mixed swamp conifer	unevenaged	unevenaged	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Too steep Influence zones Water quality/bmps														
comnts Fmd : Stand is a gully with an intermittant stream in the bottom. Steep sides on the ravine.														
85	B2	F1	3	4	0	50	paper birch	immature	immature	N		50-59 years	0	
comnts Fmd : Stand was cut in 2001, T.sale#007-97. Regen is mostly aspen, balsam, spruce and stump sprout r. maple and p.birch.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
86	Q6	F2	4		10	70	50	mixed swamp conifer	unevenaged	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Too wet														
Influence zones														
Water quality/bmps														
comnts Fmd : Stand is a gully that gets deep towards the Betsy River. Water flowing at the bottom now (4/27/05), but looks intermittant. (8/15/05) - dried up this summer.														
87	A3	M2	30	4		0	48	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Stand was harvested in winter of 2001, T.Sale#007-97. Stand is now a mixed bag of regen- aspen, spruce, balsam, red maple and p. birch stump sprouts. Hemlock, WP and sapling sized r. maple left as overstory.														
88	R5	A2	4	45	10	40	50	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Stand was harvested in 2001, T.Sale#007-97. The r.maple, birch, spruce, balsam, j.pine was removed. Red pine and white pine was left as residual. R. Pine looks to have been planted in the 60's?, no records. Aspen, r. maple and p. birch stump sprouts, spruce, balsam coming back. Not much JP regen.														
89	R7	M2	5	85	13	30	46	red pine	two aged	Y		50-59 years	0	
<u>Treatment Limiting Factors:</u>														
Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Stand was cut in 1993, T.Sale#032-89. Birch, oak, r. maple, JP and WP regen. JP regen is thicker in some places but hwd species are prevailing right now. Regen height of 5 - 15', 1"DBH.														
90	R6	N1	18	80	11	70	49	red pine	two aged	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u>														
Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Stand was treated in 1993, T.Sale#032-89. Regen of WP, R.maple, p.birch, oak and jack pine.														
91	R7	J2	12	25	12	20	47	jack pine	two aged	N		40-49 years	0	
comnts Fmd : Stand was treated in 1979, T.Sale#7-77A. Stand was scarified in 1980, FTPC169, and direct seeded w/JP. Stand is situated on rolling topography. Overstory of RP/Oak with mostly jack pine regen underneath. RP/Oak/p.birch regen mixed in as well. Some WP in overstory as well, pockets of heavier RP residual.														
92	R9	N1	22	75	12	70	48	red pine	immature	N		10-19 years	0	
comnts Fmd : Stand was thinned in 1979 T.Sale#7-77A. Fairly open understory with WP, JP, Oak and r. maple regen.														
93	R9	M1	8	85	12	110	48	red pine	mature	Y	selection	within 0-9 years	2	natural regeneration
comnts Fmd : JP is mature in stand. Harvest all JP and mark RP. Leave oak and p. birch. Scarify the stand after harvest in areas that can be maneuvered in. Alternate Management Objective would be jack pine.														
Wld : leave oak and paper birch and white pine														
94	J5	J1	4	40	8	60	46	jack pine	immature	N		20-29 years	0	
comnts Fmd : A portion of this stand was direct seeded with JP in 1995, FTP#C42-314.														
95	N0	N0	55			0		marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Marsh/bog type. Some lowland brush species as well as thick grasses, cat-tails, wetland species. Standing water out here now. Some snags and scattered sapling sized tree species out here, cedar, p. birch and tamarack. SCV=Potential Natural Area.														

**NEWBERRY FOREST MGT UNIT**

**Stand Level Information**

**Compartment: 54**

**Entry Year: 2007**

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
96	Q5	Q1	3		7	60	38	mixed swamp conifer	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Lowland conifers/hardwoods surrounded by marsh. Soil = Kinross/AuGres Complex. SCV=Potential Natural Area.														
97	Q5	Q2	6		8	50	35	mixed swamp conifer	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Stand is mostly cedar and spruce with a mix of tamarack, p.birch and r. maple. Lowland area along marsh and heel of an escarpment to the south. SCV=Potential Natural Area.														
98	R9	M1	7	80	12	110	48	red pine	mature	Y	selection	within 0-9 years	2	
comnts Fmd : Treat stand with adjacent stand 39 and 42. Leave oak. Alternate management objective would be White pine or a mix of the current species. Wld : leave oak and white pine														
460	G0	G0	3			0	40	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is saddled between two sand ridges. Opening is being encroached with trees. Variety of species, r. maple, balsam, spruce, birch, JP, WP. Mostly reindeer moss on the ground with some b. fern and grasses.														
462	G0	G0	1			0	40	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is saddled between two sand ridges. Opening is being encroached with trees. Variety of species, r. maple, balsam, spruce, birch, JP, WP. Mostly reindeer moss on the ground with some b. fern and grasses.														
463	G0	G0	2			0	40	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is saddled between two sand ridges. Opening is being encroached with trees. Variety of species, r. maple, balsam, spruce, birch, JP, WP. Mostly reindeer moss on the ground with some b. fern and grasses.														
470	G0	G0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Stand is a grassy swale at the bottom of an escarpment to the south. This swale seasonally holds water. It is dry now with grass and sand.														

**Total Acres..... 1803**