

GRAYLING FOREST MGT UNIT

Stand Level Information

Compartment: 275 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	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
1	J 4	U 1	36	33	4	10	40	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Planned for planting in 2018. Warbler management area HCVA coded-8. Stand is to be planted for Kirtland's Warbler habitat an endangered species. Stand had been cut and scarified in 1973. Stand is variable in size and stocking but will have to be cut again in order to plant. Not much volume in stand. Some oak seedlings w/ heavy browse. (old comments)N BR KW UNIT BLOCK 3-YOE 1998.														
2	J 6	J 1	334	56	7	90	40	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Pockets of older jack pine mixed w/ younger barely merchantable pockets. Scattered sawlog red pine pine 15" + DBH. Poor understory. Per warbler schedule it is to be cut and planted to the warbler weave for Kirtland's Warbler habitat in 2018. Would like to leave some red pine or else create a fire vertex or two. Warbler management area HCVA coded-8. (old comments) HOLD & TREAT W/ KW UNITS IN YR 2008,														
3	J 4	U 1	9	33	4	10	40	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Scattered jack pine and scrub cherry. Scheduled to be planted for Kirtland's Warbler Habitat in 2018 (Endangered). HCVA coded 8. Looks like scattered red pine regen was left when stand was cut in 1973. Will have to treat prior to planting operations. (old comments) N BR KW UNIT BLK 3-YOE 1998,CLEARCUT & SCARIFIED IN 1973.														
4	J 1	U 1	23	18	2	0	40	jack pine	old growth (potential or actual)	N		within 0-9 years	0	
comnts Fmd : Scattered jakpine and cherry poorly stocked. Plant with adjacent stands for Kirtland's Warbler Habitat after timbersales are complete in 2018. Spud Farm Trail intersects stand. Used SI from adjacent stand. Warbler management area HCVA coded 8. (old comments) N BR KW UNIT BLK 3-1998 YOE, CLEARCUT IN 1988,OLD SI USED,BURN & PLANT IN 2008														
5	J 6	U 1	10	53	9	70	42	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Warbler management area HCVA coded -8. 2-aged. Older jack pine declining. Fair amount of blowdown and standing dead. Cut and plant to Kirtland's Warbler Habitat in 2018. Plant with adjacent stands. (old comments)N BR KW UNIT BLK3-2008 YOE, NATURAL REGEN HODGE PODGE OF BARELY MERCH JP MIXED W/ POCKETS OF OVERMATURE JP- CUT & PLANT														
6	J 4	U 1	47	46	6	20	40	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Plantation, it is a fully stocked . Most trees do not make a stick yet. Looks to be some slight bud worm damage. Stand looks healthy over all. Planted in fall 1960. Avg height is 25 ft DBH ranging from 3 - 7 inches. Cut and plant to warbler weave w/ adjacent stands in 2018. Cut 2" and up. Warbler management area HCVA coded-8. (old comments) BARELY MERCH J6 PLANTATION, TREAT IN YR 2008														
7	J 4	U 2	3	33	6	10	40	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Warbler management area HCVA coded-8. Failed portion of plantation? Plant to jack pine for Kirtland's Warbler Habitat w/ surrounding area in 2018. Cut 2" and up. Used SI from adjacent stand. (old comments) MORE OPEN J1/U2 AREA, SCHEDULED FOR BURN & PLANT FOR KW IN 2008														
8	J 1	U 2	13	18	1	0	40	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Warbler management area HCVA Coded-8. Scattered sparsley stocked jack pine, cherry, oak and red pine seedlings. Possible eagle's nest in the area. Plant to jack pine in 2018. Used SI from stand 10. (old comments)N BR KW UNIT BLK3- 2008 YOE, CLEARCUT 1988,OLD SI USED,NEEDS PLANTING NOW														

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					B H	Tot. BA								
9	J 6	J 1	30	56	7	80	40	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Pockets of older jack pine mixed w/ younger barley merchantable pockets. Poor understory. Per warbler schedule it is to be cut and planted to the warbler weave for Kirtland's Warbler habitat in 2018. HCVA coded-8 (old comments) HOLD & TREAT W/ KW UNITS IN YR 2008,														
10	J 1	U 1	49	18	2	10	40	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Scattered red pine overstory of various sizes 4 - 16". There is less than 10BA. Regen is sparsley scattered jack pine, cherry, oak and red pine seedlings. Possible eagle's nest in the area. Plant to Kirtland's Warbler habitat in 2018. Would like to leave red pine if possible. Warbler management area coded 8 HCVA. (old comments)N BR KW UNIT BLK 3- 2008 YOЕ,OLD SI USED,CUT IN 1988, NEEDS TO BE PLANTED														
11	J 6	J 1	3	56	7	80	40	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Pockets of older jack pine mixed w/ younger barley merchantable pockets. Poor understory. Per warbler schedule it is to be cut and planted to the warbler weave for Kirtland's Warbler habitat in 2018. Warbler management area HCVA coded-8. (old comments) HOLD & TREAT W/ KW UNITS IN YR 2008,														
12	J 6	J 1	3	56	7	80	40	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Pockets of older jack pine mixed w/ younger barley merchantable pockets. Poor understory. Per warbler schedule it is to be cut and planted to the warbler weave for Kirtland's Warbler habitat in 2018. Warbler management area HCVA coded-8. (old comments) HOLD & TREAT W/ KW UNITS IN YR 2008,														
13	J 1	U 1	75	18	1	0	40	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Warbler management area HCVA Coded-8. Stand was cut and is now scheduled to be replanted w/ the rest of section 4 in 2018. Sparse jack pine and scattered cherry. Will not need prep work for planting operations (old comments) CLEARCUT 1988 & NOT PLANTED,IS KW UNIT SCHEDULED FOR BURN & PLANT IN2008, NEEDS PLANTING NOW														
14	J 3	X 0	102	26	2	0	50	jack pine	old growth (potential or actual)	N		40-49 years	0	
comnts Fmd : FTP W71-90. 12- 18 ft high. Stand seems to have a tighter weave pattern than stand 28 in the south. Possible Kirtland's Warbler habitat an endangered species. HCVA coded-8. (old comments) PLANTED TO ALT WEAVE PATTERN JP IN 1980 FOR KW														
15	R 9	U 1	14	108	16	70	50	red pine	old growth (potential or actual)	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : Warbler management area HCVA Coded - 8. Not much of an understory, scattered cherry, red and jack pine. 2-3 age classes represented in stand. Minor budworm on Jack pine and barkbeetle on red. This stand provides a nice visual buffer and vetical structure for the Warbler management area. Consider treating w/ stand 14 in the future. (old comments)HOLD MATURE RP FOR VISUAL,JP HEALTHY & NEEDS TIME TO MAXIMIZE GROWTHR7/J5/J2 STD-HOLD, KW BLOCK ALREADY TREATED IN 1980														
16	U 2	G 0	14	18	2	0	45	upland brush	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Part of warbler management area HCVA coded-8. Cherry scrub brush. Scattered jack pine and fir. Cut in 1988. Fir and jack starting to fill in stand. Will have to treat next YOЕ if we want to maintain as an open area. Some slight topo.(old comments) J4/F3 AREA WAS CUT IN 1988,NOW A U2/G AREA- PINCHERRY,SOME SCRUB OAK,BIRCH, A LITTLE FIR- F3 DESTROYED IN CUT, MANAGE ASG														

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					D B H	Tot. BA	Site Indx							
17	C 6	F 2	27	110	9	90	43	cedar	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Did not take any plots, used old data. Deer yard area along river. Part of river corridor (400' natural river) HCVA Coded-8(old comments) WINTER WILDLIFE CUTS AS NEEDED,OTHERWISE HOLD														
18	A 6	W 2	16	43	9	100	58	aspen (upland)	immature	N	final harvest	within 0-9 years	3	
comnts Fmd : old RR grade is the N/E Boundary. Stand is at it biomass peak. A cut will help keep the aspen vigorous and will provide food for deer along the river. South east of stand has a heavy fir understory which has impeded the aspen growth in the area. Because of this the aspen in this area is of lesser quality. Did not separate stands because I would like to treat both areas. Use all BMP's when setting up sale. Keep an eye out for raptor nests. I would recommend buffering the ridge which leads down to the flood plain. Did not notice any beaver activity. Cut should yield a moderate to well stocked aspen stand with scattered conifer. Aspen is the management objective but will accept a fully stocked naturally regenerated stand consisting of aspen, oak, maple, and mixed conifers. If stand fails to meet regeneration standards it will be planted to a white/red pine mix. (old comments) ADVANCED A3 REGEN- BARELY MERCHANTABLE,HOLD														
19	Q 5	Q 3	22	116	8	60	50	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Influence zones														
comnts Fmd : Part of river corridor (400' Natural River) HCVA Coded-8. Super canopy white and red pine over cedar and fir. Did not make it far into stand due to open water. Did not take any new plots. (old comments)HODGE PODGE OF WPINE,FIR,RMAPLE,W/ HEAVY W3 UNDERSTORY- MORE BALSAM AS GET CLOSER TO RIVER,OLD SI DATA USED														
20	F 3	X 0	3	18	2	0	40	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	N		60-69 years	0	
comnts Fmd : Wildlife cut? Came back to a solid wall of fir regen. Looks like this stand and stand 29 were cut about the same time as stand 16 to the east? Could not find any paperwork on it. Historic deer yard SCA-8														
21	A 6	A 3	27	40	7	80	58	aspen (upland)	mature	N		10-19 years	0	
comnts Fmd : Excellent patches of june berry and hawthorne. Scattered elm and cedar in the wet locations (some open water in stand towards south end) Aspen moderate stocked in these areas. Very good white pine regen in stand ~ 15' high w/ minimal weevil damage. Super canopy stand seperates this stand from #18. Hold. North west of stand is open, old landing area? (old comments) BARELY MERCH ASPEN STD W/ SCATTERED LARGE WP/RP SAWLOG TREES WITH POCKETS OF W2 IN N END, F2 IN S END, HOLD TIL A MATURE														
22	L 0	L 0	2		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : wet, open water, tag alder														
23	C 6	F 1	13	107	10	150	30	cedar	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : River corridor (400' Natural River) HCVA-8. Some open areas of F3. Lots of blow down. Scattered big aspen and birch(dead and dieing). Areas w/ Hemlock in stand. Open and moving water. Cedar gets thicker and smaller closer to the river. (old comments) WINTER WILDLIFE CUTS AS NEEDED														
24	J 3	X 0	141	22	3	0	46	jack pine	old growth (potential or actual)	N		20-29 years	0	
comnts Fmd : 10-13' high. Looks like some spots of advanced regen were planted around? Very few oak stump sprouts. Kirtland's Warbler Habitat an endangered species. HCVA Coded -8. (old comments) KW PLANTATION PLANTED IN 1984														

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					B H	Tot. BA								
25	F 6	F 2	3	76	7	70	58	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Deer yards</p> <p>comnts Fmd : stand is part of the river corridor (400' Natural river) and has heavy deer yard influence. This stand provides excellent thermal cover. Coded -8 HCVA</p>														
26	O 7	J 2	10	66	14	10	40	oak	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : Part of warbler management area coded 8 HCVA. Stand has scattered sawlog size N. Pin oak. There is a mixed understory of scrub cherry and mixed pine. Majority of understory pine is jack but there is some red and white present. Quality poor quantity scarces for oak regen. Hold 10 to see if natural regen will continue to take if not consider planting. Stand does creat a nice wildlife opening. Manage stand for a mixed oak pine barren type stand. (old comments)HOLD OAK & LARGE RPINE FOR VISUAL, MANAGE FOR YOUNGER JP UNDERSTORY,NEVER PLANTED-NATURAL REGEN</p>														
27	Q 5	Q 3	21	76	8	40	58	mixed swamp conifer	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : Stand is part of the river corridor (400' Natural River). Coded -8 HCVA It provides thermal cover for deer in the winter. Stand also helps to break up the Kirtland's warbler area. Leave (old comments)SWAMP CONIFER STD- HOLD</p>														
28	J 3	X 0	66	26	2	0	40	jack pine	old growth (potential or actual)	N		30-39 years	0	
<p>comnts Fmd : Planted for KW Habitat. Coded 8 HCVA Endangered species. (old comments)N BR KW UNIT-BLOCKI, YO E =2028</p>														
29	P 2	Q 1	3	18	1	0	50	balsam poplar & swamp aspen and swamp white birch	old growth (potential or actual)	N		50-59 years	0	
<p>comnts Fmd : Part of a wildlife cut? Could not find any record of activity. Looks like it was cut about the same time as stand 16. Aspen and fir regen, little to no cedar regen. Stand 20 was also part of this activity. Stand is historic deeryard a SCA -8.</p>														
30	Z 0	Z 0	7		0	0		water	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : N BR AUSABLE RIVER Coded 8 Natural river HCVA</p>														
31	F 5	F 1	5	46	6	50	45	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : This is part of an old aspen cut that regenerated almost entirely back to fir. There are some scattered white pine and bam. Heavy weevil damage in the white pine. Historic deer yard SCA-8.</p>														
32	Z 0	Z 0	1		0	0		water	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : N BR AUSABLE RIVER Coded -8 Natural River HCVA</p>														
33	R 9	R 1	6	60	18	100	53	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : A corner which was left uncut. 12 - 15' inch DBH logs w/ a few scattered monsters. Provides vertical structure. Stand may have been left because of other wildlife considerations. Possible eagle nest in the area.</p>														

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Stand	Cover Type-Size 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								
114	J 3	X 0	146	26	2	0	50	jack pine	old growth (potential or actual)	N		40-49 years	0	
comnts Fmd : FTP W71-90. 12- 18 ft high. Stand seems to have a tighter weave pattern than stand 28 in the south. Possible Kirtland's Warbler habitat an endangered species. HCVA coded-8. (old comments) PLANTED TO ALT WEAVE PATTERN JP IN 1980 FOR KW														
119	Q 5	Q 3	1	116	8	60	50	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Influence zones														
comnts Fmd : Super canopy white and red pine over cedar and fir. Did not make it far into stand due to open water. Did not take any new plots. Coded 8 because of river corridor (400' Natural River) HCVA (old comments)HODGE PODGE OF WPINE,FIR,RMAPLE,W/ HEAVY W3 UNDERSTORY- MORE BALSAM AS GET CLOSER TO RIVER,OLD SI DATA USED														
123	C 6	Q 1	4	107	10	110	37	cedar	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : code 8 river corridor (400' Natural River) HCVA (old comments) WINTER WILDLIFE CUTS AS NEEDED														
Total Acres..... 1289														