

GRAYLING FOREST MGT UNIT

Stand Level Information

Compartment: 192 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			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
1	R9	A2	7	30	11	110	58	red pine	mature	N		10-19 years	0	
comnts Fmd : Small Red Pine stand (possibly planted years ago). Patches of Aspen in the understory. Previous inventory had this stand typed as a A2. Ground cover consists of Braken Fern over sedges. South half of stand is an U2 with some scattered Oak. Upland brush consists of Cherry and Hawthorn. Recommend doing nothing at this time. In future, could harvest Aspen only or final harvest the entire stand. Oil and gas pipelines run through the stand.														
2	A2	J2	212	17	2	0	50	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : A2/J2 stand. Scattered Aspen and Jack Pine pockets (A3-J3) throughout the stand. A few small pockets of Oak regeneration also exist throughout the stand. An large amount of Upland brush exists throughout the entire stand with the Aspen and Jack Pine. Previous inventory typed this stand as an U2. Aspen and Jack Pine stands can possibly be seperated out in the next inventory when stand reach pole size. North side of the stand borders Fletcher Road. The east, west and south side of the stand also border roads. There is roads that also cut through the stand. Oil and gas pipellines exist within this stand. All Aspen, Jack Pine and Oak has naturally regenerated itself within this stand.														
3	J4	J3	19	35	3	30	48	jack pine	immature	N		40-49 years	0	
comnts Fmd : Immature Jack Pine stand with some basal area. Typed as a J3 stand last inventory, stand is now approaching pole size this inventory. Planted in 1970. Ground cover consists of grasses and mosses. Stand also has a few small patches of J6 (7" 2 stick trees) throughout it. North side of stand borders 7 Mile Road and the west side borders Alice Road. South side borders two track. Oil and gas pipelines exist within this stand and along the roads. J4/J6 strips along two tracks protect some of these pipeline. These strips along the two tracks were herbicided to control Sweet Fern between last inventory and this inventory.														
4	R9	J2	20	65	10	80	55	red pine	mature	N		10-19 years	0	
comnts Fmd : Mature Red Pine stand thinned in the past. Stand also has a mix of Jack Pine. Understory is dominately Jack Pine with a mix of Red Pine, White Pine, Oak and Cherry brush. Stand is sort of patchy with Red Pine patches that were planted and an understory of O2 and J2/J3 patches between. Ground cover consists of Braken Fern, mosses and some sedge under the Red Pine patches and in the Open areas of J2/J3 it consists of sedges and blueberry patches. North side of stand borders 7 Mile Road and the east side borders Hazel Road. Oil and gas pipelines exist throughout the stand.														
5	R3	U2	16	14	2	0	55	red pine	immature	N		40-49 years	0	
comnts Fmd : One of several immature Red Pine plantations that were planted in strips. (2-3" DBH 4-8' tall) Stand is mixed with Upland brush (cherry) in the overstory and understory. Stand also has a few Jack Pine of the same size scattered throughout it. West side of stand border Hazel Road and the east side borders Quigley Road. Oil and gas pipelines exist within the stand.														
6	R6	N2	4	35	6	120	50	red pine	immature	N		40-49 years	0	
comnts Fmd : Strip of Red and White Pine with some Jack Pine														
7	R6	N2	4	35	6	120	50	red pine	immature	N		40-49 years	0	
comnts Fmd : Strip of Red and White Pine with some Jack Pine														
8	R6	N2	4	35	6	120	50	red pine	immature	N		40-49 years	0	
comnts Fmd : Strip of Red and White Pine with some Jack Pine														
9	R3	U2	8	14	2	0	55	red pine	immature	N		40-49 years	0	
comnts Fmd : One of several immature Red Pine plantations that were planted in strips. (2-3" DBH 4-8' tall) Stand is mixed with Upland brush (cherry) in the overstory and understory. Stand also has a few Jack Pine of the same size scattered throughout it. West side of stand border Hazel Road and the east side borders Quigley Road. Oil and gas pipelines exist within the stand.														
10	R6	N2	8	35	6	120	50	red pine	immature	N		40-49 years	0	
comnts Fmd : Strip of Red and White Pine with some Jack Pine														

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					B H	Tot. BA								
11	R3	U2	6	14	2	0	55	red pine	immature	N		40-49 years	0	
comnts Fmd : One of several immature Red Pine plantations that were planted in strips. (2-3" DBH 4-8' tall) Stand is mixed with Upland brush (cherry) in the overstory and understory. Stand also has a few Jack Pine of the same size scattered throughout it. West side of stand border Hazel Road and the east side borders Quigley Road. Oil and gas pipelines exist within the stand.														
12	J5	N2	4	35	4	50	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Strip of Jack Pine, White Pine and some Red Pine														
13	R3	U2	16	14	2	0	55	red pine	immature	N		40-49 years	0	
comnts Fmd : One of several immature Red Pine plantations that were planted in strips. (2-3" DBH 4-8' tall) Stand is mixed with Upland brush (cherry) in the overstory and understory. Stand also has a few Jack Pine of the same size scattered throughout it. West side of stand border Hazel Road and the east side borders Quigley Road. Oil and gas pipelines exist within the stand.														
14	J5	N2	4	35	4	50	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Strip of Jack Pine, White Pine and some Red Pine														
15	R4	J3	36	7	5	30	49	red pine	immature	N		30-39 years	0	
comnts Fmd : Immature Red Pine and Jack Pine Stand. Red, White Pine and small diameter Jack Pine was not harvested during the last cut in 1998 CONTRACT #23-97-01, FTP #C72-407 was sent in. Natural Jack Pine regeneration is coming in good. Even some small pockets of J3 (possibly planted) are doing good. There is a fair amount of Upland brush(cherry) throughout the stand. Stand was cut with the forty to the south. Manage stand for a mix of Jack and Red Pine.														
16	J3	G0	39	7	1	0	49	jack pine	immature	N		50-59 years	0	
comnts Fmd : Immature Jack Pine plantation. Scattered White Pine residual left from cut in 1998 CONTRACT #23-97-01, FTP #C72-407 was sent in. Grasses and blueberry for ground cover. Some upland brush, oak and jack pine regeneration (natural) throughout the stand.														
17	R9	N1	38	85	13	120	54	red pine	immature	Y	final harvest	within 0-9 years	1	planting
comnts Fmd : Mature Red Pine stand. Thinned in winter 1998 (Quigley Red Pine 72-022-97-01) Stand borders Quigley Road on the east side and Hazel Road on the west side. Oil/Gas well on the west side of stand. Also one in the northeast corner of the stand and on the south side of stand. Pipelines run from two track on south side up to the well site through the stand on the west side. Understory is O1/J1 with patches of White Pine regeneration on the northwest side of stand. Ground cover consists of sedges and blueberry. Recommend final harvest and replant to Red Pine.														
18	J3	J3	28	29	3	0	49	jack pine	immature	N		40-49 years	0	
comnts Fmd : Immature Jack Pine stand. Southside of stand borders Fletcher Road and east side of stand borders Hazel Road. Stand is approaching pole size. Some scattered basal area in Jack Pine (4" 1 stick trees). Oil/Gas pipelines run through stand and active well is located on the north side of stand.														
19	I6	J2	2	29	7	70	49	local use	immature	N		20-29 years	0	
comnts Fmd : Small patch of Scotch Pine and Jack Pine mix encroaching on well pad site. Some scattered Red Pine.														
20	R3	G0	30	14	2	0	55	red pine	immature	N		50-59 years	0	
comnts Fmd : Immature Red Pine plantation (1991). 2-3" DBH 4-6ft tall. Ground cover consists of Grasses and Blueberry. Some Upland brush scattered throughout the stand.														
21	W6	N2	9	23	7	80	54	white pine	immature	N		50-59 years	0	
comnts Fmd : Immature White Pine stand mixed with Jack Pine, Red Pine and Aspen. Looks like it was planted. Red Pine planted around well site within the stand.														

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					B	Tot. BA								
22	X0	X0	1			0		other non-stocked or non-forest or non-productive	sparse	N		not scheduled	0	
comnts Fmd : WELL FACILITY														
23	R9	N2	17	60	12	100	55	red pine	immature	N	thinning	within 0-9 years	1	
comnts Fmd : Red Pine plantation (planted in close spacing) W2 understory. Ground cover consists of Bracken Fern with some wintergreen and sedge. Recommend marked thinning stand down to 100 BA. Concerns would be oil/gas wells and pipelines. East side of stand borders Alice Road and the south side borders Fletcher Road.														
24	J3	G0	22	30	3	20	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Immature Jack Pine plantation. Some scattered Red Pine throughout the stand. Southside of stand borders Fletcher Road and the west side borders Tran Road. Stand is reaching pole size. Brush was chemically treated in previous entry year. Oil/ gas well and pipelines throughout stand.														
25	J3	G0	26	30	3	0	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Immature Jack Pine plantation. Some scattered Red Pine throughout the stand. Southside of stand borders Fletcher Road and the east side borders Tran Road and the west side borders Chesley Road.. Stand is reaching pole size. Brush was chemically treated in previous entry year. Oil/gas well sites and pipelines throughout the stand.														
26	R3	U2	5	23	3	0	55	red pine	immature	N		40-49 years	0	
comnts Fmd : Immature Red Pine plantation. Oil/gas pipeline and well located within the stand.. Stand is just on the border line of an R4/R3														
27	R3	U2	5	23	3	0	55	red pine	immature	N		40-49 years	0	
comnts Fmd : Immature Red Pine plantation. Oil/gas pipeline and located within the stand.. Stand is just on the border line of an R4/R3														
28	A2	U2	33	16	3	0	52	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Immature Aspen and scattered immature Jack Pine stand. Understory consists of Upland Brush (Cherry). Ground cover consists of grasses and patches of Blueberry and Bracken Fern. Scattered Oak, White Pine/Red Pine in the overstory that was not cut when stand was previously cut. North side of the stand borders Fletcher Road. The west side of the stand borders Chesley Road and the east side Tran Road. Marney Road cut through the middle of the stand and Spade Road is to the south of the stand. Oil/Gas well and pipelines are throughout the stand.														
29	J6	N2	36	81	8	80	48	white pine	high risk	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Too wet														
comnts Fmd : Mature Jack Pine stand with a heavy White Pine Understory. Some Oak Regeneration. Not wet at all as limited factored last inventory. Recommend final harvest of the Jack Pine and protect all or as much White Pine regeneration and White Pine pole as possible. Lots of dead Jack Pine exist within the stand already. Stand borders Fletcher Road to the north and Tran Road on the west side and Alice Road on the east side. Marney Road cuts through the middle of the stand and Spade Road borders the south side of the stand. Last inventory, the recommendation was to allow the stand to convert to White Pine naturally. (CHECK WITH BIELECKI TO SEE IF TO HARVEST THE STAND OR LET IT CONVERT NATURALLY AS IT IS DOING WITHOUT HARVESTING THE JACK PINE).														
30	R9	O1	37	85	10	160	52	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Red Pine stand mixed with some Jack Pine. North side of the stand borders Fletcher Road and the south sided borders Spade Road. Marney Road cuts through the middle of the stand. Alice and Hazel Roads border the west and east side of the stand. The north side of the stand has more of a Jack Pine component. Stand was previously thinned in 1966 and 20 acres again in 1984 according to old data. Recommend marked thinning, removing all Jack Pine and removing some Red Pine pole and sawtimber. (90BA). Oil/Gas well and pipeline throughout the stand.														
31	R3	U2	29	14	3	10	53	red pine	immature	N		40-49 years	0	
comnts Fmd : Red Pine plantation (1991). A scattered Red Pine overstory exists in the north half of the stand between Fletcher Road and Marney Road. Stand also has a mix of Jack Pine and Upland brush regeneration. Ground cover consists of grasses and Blueberry. Hazel road borders the west side and Quigley Road borders the east side. Oil/Gas well and pipelines exist within the stand.														

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					BH	Tot. BA	Site Indx							
32	W6	F2	17	32	7	100	48	white pine	immature	N	10-19 years	0		
comnts Fmd : White Pine stand mixed with Jack Pine and Red Pine. Larger White exist on swamps edge with smaller White Pine in saplings and poles exist to the north away from swamps edge. Jack Pine and Large Red Pine exist within the stand away from swamps edge. Old road or rail road grade exists within the stand and is covered with J3.														
33	N0	N0	4			0		marsh	nonstocked	N	not scheduled	0		
comnts Fmd : Small marsh pocket within larger timbered swamp.														
34	N0	N0	1			0		marsh	nonstocked	N	not scheduled	0		
comnts Fmd : Small marsh pocket within larger timbered swamp.														
35	J5	U2	17	35	5	50	48	jack pine	immature	N	20-29 years	0		
comnts Fmd : Jack Pine Upland bush stand. East and south side of stand borders large swamp. According to old data, stand was final harvested in 1988 and planted to Jack Pine. Can't tell if it was planted. Stand is on a low site next to swamp. Ground cover consists of Leatherleaf, Blueberry, Mosses and some Bracken Fern. Oil and Gas wells and pipelines exist within the stand.														
36	A6	A2	3	30	5	90	55	aspen (upland)	immature	N	30-39 years	0		
comnts Fmd : Small pocket of Aspen surrounded by J3. Surrounding stand was cut in 1988. Planted to Jack Pine and not Red Pine, but not the hardwood patches which this Aspen stand is one.														
37	A3	J2	3	30	3	0	55	aspen (upland)	immature	N	40-49 years	0		
comnts Fmd : Surrounding stand was final harvested in 1988 and planted to Jack Pine except for the hardwood patches. This A3 stand was one of the hardwood patches. Jack Pine has regenerated into the stand has well.														
38	J3	J2	28	27	3	10	50	jack pine	immature	N	30-39 years	0		
comnts Fmd : Jack Pine plantation (immature) on the border of becoming a pole stand. A two track splits the stand in half. In the north half of the stand there is a scattered amount of Red Pine in the overstory. There is also areas of heavy Aspen regeneration and Upland brush throughout the stand.														
39	R6	N2	32	36	8	120	50	red pine	immature	N	20-29 years	0		
comnts Fmd : Mixed Pine stand with Red Pine and White Pine the dominant of the three. Scattered Red Pine poles and sawtimber in the overstory and White Pine poles down to seedling in the understory. Bracken fern for ground cover. Oil/gas pipelines and well sites in and around the stand. Stand west, east and south side border two track. There are two two tracks, one to the north and one in the south that are not passable by vehicle because they have grown over														
40	W6	U2	3	14	5	70	50	white pine	immature	N	50-59 years	0		
comnts Fmd : Small immature White Pine stand mixed with other Pine and Oak. Stand was cut back in 1989, but was not planted with adjacent stands to the east.														
41	J6	U2	15	30	7	70	50	jack pine	immature	N	10-19 years	0		
comnts Fmd : Jack Pine stand mixed with Red Pine and some scattered Oak. Understory consists of Upland Brush, Jack Pine and Oak. Ground cover consists of sedges with scattered patches of Blueberry.														
42	J3	J3	43	14	1	0	50	jack pine	immature	N	50-59 years	0		
comnts Fmd : Immature Jack Pine stand (Planted) 2-3inch dbh 4-6foot. A few scattered Red Pine and Jack Pine Poles (1-2 sticks 5-6inches dbh) cand be found within the stand. Stand was last cut in 89 and planted in 1991.														
43	J6	U1	10	45	5	80	49	jack pine	mature	N	20-29 years	0		
comnts Fmd : Jack Pine stand. Oil/gas well was placed in the stand since last inventory. East side of stand borders swamp. West side borders Alice Road.														

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					D B H	Tot. BA								
44	Q4	Q2	4	75	8	30	40	mixed swamp conifer	sparse	N		not scheduled	0	
comnts Fmd : STANDING WATER.														
45	Q4	Q2	58	75	8	30	40	mixed swamp conifer	sparse	N		not scheduled	0	
comnts Fmd : STANDING WATER.														
46	N0	N0	6			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Small marsh pocket within larger timbered swamp.														
47	N0	N0	2			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Small marsh pocket within larger timbered swamp.														
48	N0	N0	2			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Small marsh pocket within larger timbered swamp.														
49	N0	N0	6			0		marsh	nonstocked	N		not scheduled	0	
comnts Fmd : Small marsh pocket within larger timbered swamp.														
50	A5	A1	2	39	5	40	57	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Small lowland Aspen stand in poor quality and somewhat sparse. Dead Aspen within stand and next to standing water.														
51	R9	A2	19	82	12	80	53	red pine	sparse	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Delayed treatment for age/size class diversity														
comnts Fmd : Red Pine stand mixed with Jack Pine, Oak and Aspen. Understory consists of Aspen and some scattered Oak Pockets. Red Pine is more or less in pockets. Ground cover consists of Braken fern over some sedges and blueberry. North side of the stand slopes down towards swamp and the south side of the stand slopes upward towards an Oak stand. Hunters Truck Trail traverses through stand. Oil and gas pipeline traverses along Hunters Truck Trail. Recommend leaving stand for 1 or two entry years to manage the Aspen than final harvest.														
52	E6	M2	11	35	8	110	50	swamp hardwoods	immature	N		20-29 years	0	
comnts Fmd : Lowland Hardwood stand (Not really wet) slopes toward swamp to the north. About 50/50 Aspen and Red Maple. Hunters Truck Trail traverses through the stand. Oil/Gas pipeline traverses along Hunters Truck Trail. Oak is mostly in the south end of stand on higher ground.														
53	R9	M2	25	52	13	80	58	red pine	mature	N		30-39 years	0	
comnts Fmd : Mature Red Pine stand that was thinned in 1988 (Removing the Jack Pine). Heavy understory of M2/A2. Some scattered Oak and Balsam Fir regeneration. Hunters Truck Trail traverses through the stand. Oil/gas pipeline traverses along Hunters Truck Trail.														
54	O9	M2	64	105	12	110	60	oak	mature	Y		within 0-9 years	0	other - specify in remarks
<u>Treatment Limiting Factors:</u>														
Delayed to take advantage of exceptional site quality or growth														
comnts Fmd : Cut in 1999 under contract #045-97-01, Hunters Trail Thin. Mature Oak. White Pine left uncut in stand. M2 understory with Braken fern for ground cover. Some sedges present. ORV/CCC trail traverses through a portion of the stand. The Snowmobile trail traverses through a portion of the stand. Recommending a prescribed burn to set back Red Maple.														
55	R6	O1	27	81	10	170	56	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : Red Pine stand with an O1 understory. More Maple regeneration in the south end of stand. Hunters Truck Trail passes through the center of the stand east and west. Oil/gas pipeline follows Hunters Truck Trail. Northend of the stand borders a swamp. Recommend marked thinning . Old notes said it was thinned in 75 and 84, but doesn't look that way. Thin stand to 110 BA.														

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					B	Tot. BA	Site Indx							
56	W6	M2	29	48	9	120	58	white pine	immature	N		10-19 years	0	
comnts Fmd : White Pine stand mixed with Oak of various sizes and Red Maple. M2 Understory with Bracken Fern ground cover. Some blueberry, sedges and wintergreen. South facing slope of the stand is denser in appearance to larger White and Oak. The north face of the stand is less dense in appearance. Stand is surrounded by two tracks on all sides.														
57	A6	A2	32	39	6	110	63	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Aspen stand mixed with young Oak and White Pine. Larger Aspen in south half of stand. Larger White Pine in the North half of stand. Oak scattered throughout the stand. Bracken Fern, sedges for ground cover. Some Witch Hazel and White Pine seedling scattered throughout the stand. ORV trail passes through south end of stand. Two track borders north and east side of stand. Another two track cut through the south end of stand.														
58	A6	M2	52	30	5	120	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Immature Aspen stand. Has a component of Oak and Red Maple scattered throughout it. Understory consists o M2/A2. Stand has reached into small pole size with lots of 1-3 inch Red Maple, Aspen and Oak in the understory. Scattered White Pine exists in the overstory. According to old data, Aspen and Oak was cut in 1966 and the rest was cut in 1975. MCCC trail runs through the south east portion of the stand.														
59	A3	O2	90	17	2	0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Immature Aspen/Oak stand. Typed as a O2 stand previously, but changed to an A3 stand this inventory period because Aspen is over taking the Oak. There is still a fair amount of Oak regeneration. Management objective in the previous inventory was Oak. I recommend managing this stand for Aspen and Oak. MCCC trail traverses through the stand.														
60	O9	M2	65	90	12	100	63	oak	mature	Y	thinning	within 0-9 years	1	
comnts Fmd : Mix Oak and White Pine stand with a fair amount of Aspen and Red Maple in the north half of stand(north of two track that runs east and west). Level terrain in the north and south facing slope in the south with many ridges and valleys Pockets of M2/A2 scattered throughout the stand. Recommend marked thinning , removing the merchantable Aspen, Red Maple and Oak. Also recommend short wood operation to protect pockets of Aspen/Red Maple/ White Pine regeneration. South end of stand borders two track and powerline. East and west side of stand border two tracks. Thin to 70 BA. According to old data, this stand was thinned in 1963 and in 1968.														
61	O6	N1	19	80	10	180	58	oak	two aged	Y	thinning	within 0-9 years	1	
comnts Fmd : Oak stand that was underplanted to Red Pine. Stand is now a mix of Oak and Red Pine in both pulpwood and sawtimber. Height of Red Pine varies from overstory to understory. W1 understory exists. Ground cover consists of a fair amount of Witch Hazel (medium shrub layer) and vary little sedges and Bracken fern. North side of stand borders Beaver Creek snowmobile trail and powerline. Snowmobile trail cut south through stand. MCCC trail traverses through a portion of the stand. Could manage stand for Red Pine or Oak. Could also manage it for both. Habitat type say its good Pine site. Recommend and marked thinning from below, removing suppressed Red Pine and Oak and favoring good quality Red Pine and Oak stems within the stand. Thin to 70BA and look at spacing also. Place ORV and Snowmobile specifications into the sale.														
62	O9	N2	37	105	11	110	55	oak	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity														
comnts Fmd : Oak stand mixed with White Pine. White Pine is natural or planted and is of varies sizes. Arial Photo looks like the stand was previously stripped harvested or planted.. Understory consists of a W2 with a fair amount of Oak (O2) in areas. More Pine in the south portion of the stand. Stand is located on a south facing slope. MCCC trail traverses through the north and south half of stand. Ground cover consists of Bracken Fern, Sedges, Blueberry and Wintergreen. North end of stand borders snowmobile trail and powerline. East side borders two track. A two track cuts through the south end of stand. Stand can be managed for Oak or White Pine. Stand could also be managed for both species. Check with Unit manager, State Silviculturalist and Wildlife for management objective or treatment. Stand should be treated this entry year.														
63	A6	O1	7	34	6	90	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Mixed stand of immature Aspen and Jack Pine with an overstory of scattered mature Oak. O1 understoy and ground cover consists of Bracken Fern and grasses. West side of stand borders two track.														

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					D B H	Tot. BA	Site Indx							
64	W9	O2	5	39	13	170	53	white pine	two aged	N		30-39 years	0	
comnts Fmd : Small White Pine stand. South end has an Aspen/Red Maple understory. North end of stand has a Oak component of varies size classes. East side of stand borders snowmobile trail. Converting to a mixed stand.														
65	O6	O2	10	30	7	70	52	oak	immature	N		40-49 years	0	
comnts Fmd : Small immature Oak stand with some mature Oak (White Oak) in the overstory. O2 understory with Bracken fern for ground cover. South side of stand borders two track and powerline.														
66	A6	A1	8	35	6	80	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Immature Aspen stand just reaching into pole size. Understory is an A2/U1. Ground cover consists of Bracken Fern over grasses. North side of the stand borders two track and powerline.														
67	U2	U2	2		2	0	47	upland brush	immature	N		40-49 years	0	
comnts Fmd : Small upland brush stand. Stand mostly consists of cherry with a few scattered Jack Pine.														
68	J6	U1	29	33	7	80	50	jack pine	immature	N		30-39 years	0	
comnts Fmd : Immature Jack Pine plantation. Planted in 1972 in widely spaced rows in some areas and some areas closer spacing Planted in two dirfferent directions. Stand surrounded by two tracks on all sides. Powerline on north side of stand.														
69	J6	O2	40	33	7	70	50	jack pine	immature	N		10-19 years	0	
comnts Fmd : Jack Pine stand of which portions were planted and portion are natural. Northeast portion of the stand has larger Jack Pine with more scattered Red Pine in the overstory. O2 understory with sedge, Blueberry for ground cover. Southwest portion of the stand is smaller Jack Pine with fewer Red Pine in the overstory. Understory has a lot more U2(upland brush-cherry) with sedge and Bracken fern for ground cover. MCCC trail traverses through the stand. Stand is also surrounded by two tracks.														
70	J3	J3	65	30	3	0	49	jack pine	immature	N		40-49 years	0	
comnts Fmd : Jack Pine plantation that was planted in 1975. Some scattered Red Pine sawtimber in the overstory. The snowmobile trail traverses along the north and west side of stand South side of stand border Morsetown Road. Other two tracks surround and cut through the stand.														
71	R9	O2	10	105	16	170	52	red pine	old growth (potential or actual)	Y	final harvest	within 0-9 years	1	planting
comnts Fmd : 2005 Notes: Mature Red Pine stand with an O2 understory in seedling and saplings. East and south side of stand borders snowmobile trail (). MCCCT trail borders the north west side of the stand. Recommend final harvest and replant to Red Pine. Two other options include thinning stand or leaving stand for Big Tree management.														
72	A2	A1	1	7	1	0	60	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Small immature Aspen stand. Final harvested last year of entry. The snowmobile trails traverses through the center of the stand.														
73	R6	O3	11	65	8	120	52	red pine	immature	N	thinning	within 0-9 years	1	other - specify in remarks
comnts Fmd : Red Pine stand that was thinned in 1976. Stand was possibly planted. South side of stand borders Morsetown Road. Recommend marked thinning to 90BA and underburning to remove duff for natural regeneration of Red Pine. Late summer burn. Treat with stand 77, 74 and 75.														
74	R6	O2	4	65	8	80	52	red pine	immature	N	thinning	within 0-9 years	1	other - specify in remarks
comnts Fmd : Red Pine stand mixed with Jack pine. Stand borders Morsetown Road to the south. Recommend marked thinning to remove Jack Pine and Red Maple and than underburn in late summer in the attempt to regenerate Red Pine naturally. O2 understory with some browse to it. Stand is a plantation, can just make out rows within it. Treat with stands 77, 73 and 75.														

GRAYLING FOREST MGT UNIT

Stand Level Information

Compartment: 192 Entry Year: 2007

* 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. DBH		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
75	R6	F2	8	65	9	140	52	red pine	immature	N	thinning	within 0-9 years	1	other - specify in remarks
<p>comnts Fmd : Red Pine stand that was planted (barely make out some rows) Stand is mixed with Jack pine (lots of dead Jack Pine) Stand borders Morsetown Road on the north and swamp to the south. Recommend marked thinning stand by removing all Jack Pine and removing and 10 to 20 BA of Red Pine. Under burn following treatment in late summer to attempt natural regeneration of Red Pine. Understory is an F2. Treat with stands 77, 73 and 74.</p>														
76	E3	Q1	13	7	2	0	49	swamp hardwoods	immature	N		40-49 years	0	
<p>comnts Fmd : Lowland Aspen/Hardwood. Final harvested last entry year. (Morsetown Maple 72-021-97-01) It was cut in the winter time.</p>														
77	R9	N2	28	105	12	150	52	red pine	immature	Y	thinning	within 0-9 years	1	other - specify in remarks
<p>comnts Fmd : Mature Red Pine stand. 150BA. Understory consists of White Pine in the east portion of the stand and o2 in the west portion of the stand. Ground cover consists of Brackent Fern, Wintergreen, Blueberry and some sedges. North west side of the stand borders Morsetown Road. South side of stand is the Roscommon / Crawford count line. Recommend marked thinning stand (removing all Jack Pine, Oak, Aspen and some Red Pine 10-20BA in the larger 14 inch dbh class. Cut with stands 73,74,and 75. Also recommend thinning stand in adjacent compartment (194) stand 9 with this stand.</p>														
78	R9	O1	22	81	10	110	55	red pine	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p>														
<p>comnts Fmd : Red Pine stand that was thinned in 1999. (72-045-97-01 Hunters Trail Thin). Oil/Gas well was placed in center of stand north of Hunters Truck Trail whic passes through the center of the stand. South end of the stand is on the bottom of a north facing slope and has a heavy amount of Red Maple regeneration. South portion of the stand could be burned to set back maple competition. Hold stand another 10yr</p>														
79	I4	J2	4	29	7	30	49	local use	immature	N		10-19 years	0	
<p>comnts Fmd : Narrow strip of Scotch Pine and Jack Pine along Fletcher Road</p>														
80	J9	S2	6	85	11	110	49	jack pine	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p>														
<p>comnts Fmd : Small mature Jack Pine stand surrounding gas/oil well site and is surrounded by swamp.</p>														
81	O9	R2	4	80	13	150	58	oak	immature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : Small Mature Oak stand that was underplanted to Red Pine. Stand was part of stand 61 last inventory. South side of stand border Beaver Creek snowmobile trail and powerline. Recommend marked thinning to 70BA. Remove Aspen and Red Maple. Remove suppressed Red Pine and Oak. Favor the be quality Oak, Red and White Pine. Look at spacing also. Place snowmobile restrictions into the sale.</p>														
82	O6	N2	6	80	9	110	58	oak	mature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : Oak Stand with an White Pine understory. White Pine varies from pole size down to seedlings. Two track to the east of stand and two track and powerline north of the stand. Recommend a marked thinning. Thin to 70BA. Thin suppressed Oak from below and release better White Pine poles. Also focus on leaving the best quality Oak and look at spacing. Place snowmobile specifications into the sale.</p>														
83	O9	N1	6	80	12	200	58	oak	two aged	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : Oak stand with an White Pine understory. White Pine varies from pole size down to seedlings. Two track and powerline border north side. Recommend a marked thinning to 70 BA. Remove suppressed Oak, all Red Maple and Aspen if any and thin Oak and Pine to leave the better quality and spacing. Place ORV and Snowmobile specifications into the sale.</p>														
84	Z0	Z0	3			0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Beaver dam and flooding.</p>														

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Stand Level Information

Compartment: 192 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	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
85	U3	G0	1	30		0	50	upland brush	sparse	N		not scheduled	0	
comnts Fmd : Small Upland brush stand (Cherry) with some scattered Jack Pine. Understory is grass and ground cover is grass. Located in a small valley. West of stand is beaver dam, water and marsh.														
86	A5	U1	3	30	6	50	50	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Small Aspen stand.														
87	R6	N2	3	30	8	110	50	red pine	immature	N		10-19 years	0	
comnts Fmd : Small Red Pine stand with a White Pine understory. A few Jack Pine exist within the stand.														
88	W9	M2	3	62	11	150	55	white pine	mature	N		10-19 years	0	
comnts Fmd : Small White Pine stand. South end of the stand the snowmobile trail passes through it. Understory is Red Maple and ground cover is Bracken Fern														
89	W9	N1	4	62	12	140	55	white pine	mature	N		10-19 years	0	
comnts Fmd : Small White Pine stand mixed with Oak. Stand surrounds small Aspen stand 72 and borders snowmobile trail.														
90	A5	A2	2	35	5	60	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Small immature pocket of Aspen. South side of stand borders powerline and snowmobile trail.														
91	A5	A2	2	35	5	60	55	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Small immature pocket of Aspen. South side of stand borders powerline and snowmobile trail.														
92	J6	J1	8	36	6	80	50	jack pine	immature	N		10-19 years	0	
comnts Fmd : Jack Pine stand. Stand located south east corner of stand 39. This stand was part of stand 39 or old stand number 25 in the previous inventory. Dominantly a Jack Pine stand with Red and White Pine scattered about the stand. Understory is J1 with ground cover blueberry and sedges.														
93	A2	M2	3	65	3	40	52	aspen (upland)	immature	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)														
comnts Fmd : Stand was part of stand 73 which was last thinned in 1976. Stand feature here is the understory of immature Oak, Aspen and Red Maple. Scattered Red Pine Sawtimber in the overstory. Use old site index from previous inventory.														
94	A6	N2	12	36	6	70	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Patch of Aspen with an White Pine Understory. Bracken Fern and sedges for ground cover.														
97	J3	G0	1	30	3	0	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Immature Jack Pine surrounding a portion of an oil/gas well site.														
98	J5	N2	2	35	4	50	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Strip of Jack Pine, White Pine and some Red Pine														
99	J5	N2	1	35	4	50	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Strip of Jack Pine, White Pine and some Red Pine														

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Stand Level Information

Compartment: 192 Entry Year: 2007

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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								
100	A3	J2	4	30	3	0	55	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Surrounding stand was final harvested in 1988 and planted to Jack Pine except for the hardwood patches. This A3 stand was one of the hardwood patches. Jack Pine has regenerated into the stand has well.														
400	G0	X0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														
401	G0	X0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														
402	G0	X0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														
403	G0	X0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														
404	G0	X0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														
405	G0	X0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														
406	G0	X0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														
407	G0	X0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														
408	G0	X0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														
409	G0	X0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														
410	G0	X0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														
411	G0	X0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														
412	G0	X0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.														

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Compartment: 192 Entry Year: 2007

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	A c r e s	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B Tot. BA								
413	G0	X0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
414	G0	X0	2		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
415	G0	X0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
416	G0	X0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
417	G0	X0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
418	G0	X0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
419	G0	X0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
420	G0	X0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
421	G0	X0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
422	G0	X0	2		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
423	G0	X0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
424	G0	X0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
425	G0	X0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
426	G0	X0	1		0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													

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Stand Level Information

Compartment: 192 Entry Year: 2007

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Stand Number	Cover Type- Size Dnsty	Under Story- Stkng Level	A c r e s	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H								
427	G0	X0	1				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
428	G0	X0	2				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
429	G0	X0	3				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
430	G0	X0	1				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
431	G0	X0	1				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
432	G0	X0	1				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
433	G0	X0	1				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
434	G0	X0	1				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
435	G0	X0	1				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
436	G0	X0	1				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
437	G0	X0	1				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
438	G0	X0	2				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
439	G0	X0	1				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
440	G0	X0	2				grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													

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Compartment: 192 Entry Year: 2007

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Stand	Cover Type-Size 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							
441	G0	X0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
442	G0	X0	2			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
443	G0	X0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
444	G0	X0	2			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
445	G0	X0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
446	G0	X0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
447	G0	X0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
448	G0	X0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : WELL SITES LONG TERM MINERAL LEASE UNION OIL CO.													
Total Acres.....			1854										