

\* 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	Acrs	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
1	R 9	M 2	52	67	14	110	68	red pine	mature	N		10-19 years	0	
<p>comnts Fmd : Nice red pine stand that has pruned itself better than stands directly to the south. Numerous areas of J3 in openings and where overstory is slightly more open. There is also a fair amount of oak and red maple regen throughout with minimal browsing occurring within stand. Northern and eastern portions of stand are denser and have more red maple in sapling size class. Size class seems to shift 1-2 inches higher in some areas north of the snowmobile trail. Areas of stand are more open and are converting to hardwood/oak species in eastern areas of stand where it borders stand 2. (old comment)USE ANCHOR CHAINS TO START REGEN RIGHT AFTER THINNING. LEAVE OAK. 1998 field inspection the red pine is not regenerating.</p>														
2	O 9	M 1	35	72	9	100	60	oak	mature	N	selection	within 0-9 years	1	
<p>comnts Fmd : Descent quality oak stand with some nice sawlog sized trees. Red maple is also a major component throughout, mainly in the sapling layer (3-6"). Red pine is also scattered throughout and white pine is becoming more of a component in the understory, namely on the western edge due to an area of white pine that is beginning to seed. Aspen is also present however not on a consistent basis. Terrain is somewhat hilly with a ridge running parallel to the 2-track that bisects the stand. Ground flora along with tree species/growth/form indicate that this falls into Kotar's VHa classification and it should be expected that red maple will continue to become more prevalent and in some cases may overtake the stand as it is beginning to do in areas. To treat, cut canopy gaps throughout stand in order to obtain oak regeneration in these openings. Between canopy gaps, pockets can be thinned based on timber quality and composition as well as to improve access through stand for equipment. Aspen clones can be harvested as well to increase aspen component in stand and maintain diversity that is present. Residual BA following harvest will be variable with some areas higher based on quality and species composition. Regeneration of oak species, red maple, aspen and white/red pine should be considered successful following harvest. (old comment) FAIR TO GOOD RED OAK - MANAGE FOR SAWTIMBER. ALOT OF HYBRID OAK (NORTHERN PIN, RED OAK).</p>														
3	R 9	R 2	3	70	10	90	48	red pine	mature	N		10-19 years	0	
<p>comnts Fmd : Red pine stand of descent quality. Very similar to stand 1 however with quite a bit more jack pine common throughout. Some areas of quite dense understory, mostly red maple with some aspen stms and red and jack pine saplings in more open areas. Lots of wildlife use within stand, could not find survey corner at northwestern corner of stand at time of inventory. (old comment) TREAT WITH STAND TWO</p>														
4	A 3	X 0	4	26	2	0	51	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Narrow aspen stand with growth hindered at edges. Transitions quickly into surrounding types. Aspen is growing well overall and is of moderate quality. (old comment) GOOD HEALTH ASPEN REGENERATION.</p>														
5	A 6	M 3	6	44	7	80	56	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Somewhat poor quality aspen stand. Extremely variable throughout with areas of A3 as well as open areas that have been seeded by brushy species including hawthorn and junberry. Red pine are also scattered throughout with white pine and balsam fir in understory. Red maple also constitutes a major component in sapling layer. A3 and open areas are localized near 2-track and at stand edges. (old comment)SOME POLE SIZE ASPEN, BUT MOSTLY A3</p>														
6	R 6	O 2	11	112	9	200	60	red pine	two aged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p>														
<p>comnts Fmd : Dense red pine stand of natural origin. Areas are quite open or are mainly made up of overstory. Stand is growing fairly well with crop trees spaced nicely in areas. The large super canopy trees that exist are in good shape and are not declining. Have provided good seed source/crop over the years. Could possibly thin stand removing more than 1/3. Damage to residual would be high if less trees are taken out. (old comment) CAN NOT REMOVE OVERSTORY BECAUSE OF UNDERSTORY, AND HEAVY REGEN. HOLD TEN YEARS AND THIN</p>														
8	J 3	X 0	34	17	3	0	53	jack pine	immature	N		20-29 years	0	
<p>comnts Fmd : J3 stand averaging 10-11' in height, growing well. Stand is extremely dense making it difficult to move through. Wildlife use of this stand is high for many species. Scattered cherry exist throughout stand with areas of leatherleaf present as well. Leatherleaf along with other wetland indicators near slightly sunken wet spots within stand.</p>														
9	J 3	J 1	11	7	1	0	48	jack pine	immature	N		20-29 years	0	
<p>comnts Fmd : This J3 stand growing quite well. Lots of cherry brush throughout with scattered oak and red pine of merchantable or close to merchant size. Was prescribed to be final harvested and planted to red pine however stand was planted to jack pine following harvest. Stand was furrow seeded to JP in spring 2002- no germination per inspection in fall 2002 so site was planted to JP in spring 2003 under FTP C72-458. (old comment) Stand harvested summer 2001. Sale number 72025001-01. FINAL HARVEST AND REPLANT TO RED PINE.</p>														

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					B	Tot. BA								
10	Q6	Q3	62	108	9	70	34	mixed swamp conifer	two aged	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u>                      Regeneration technology inadequate</p> <p>comnts Fmd : Dense stand of spruce/fir/tamarack with scattered white pine present on hummocks throughout stand. Lots of wildlife activity! Red maple scattered throughout which adds to a nice diversified stand. Some blow-down has occurred at edges of stand and near some areas where stand fazes more into an L-type. (old comment) NO TREATMENT UNTILL WE CAN DEVELOP SOME REGEN. AFTER HARVESTING</p>														
12	W8	Q3	3	99	20	40	62	white pine	two aged	N		10-19 years	0	
<p>comnts Fmd : small white pine stand with large individuals present. High water table in areas, especially to the south and west. Numerous other species combine to make this a unique, albeit small white pine stand. Density is low overall, with regen making up the bulk in some areas while other have higher percentage of sawlog sized trees. (no old comment)</p>														
13	S6	Q3	15	82	8	70	38	black spruce-swamp	immature	N		10-19 years	0	
<p>comnts Fmd : Spruce stand with some quality jack pine present throughout. Large amounts of balsam fir present throughout stand. Similar to stand 60 with less jack pine and what seems to be a higher water table. May have been influenced in the past by the creation and maintenance of Roberts road. This is actually an 2-track that is not passable in places because of high water table. (old comment) ONLY BLACK SPRUCE AND BALSAM FIR ARE REGENERATING</p>														
14	T3	X0	7	22	2	0	44	tamarack	immature	N		50-59 years	0	
<p>comnts Fmd : Low density stand with tamarack being the dominat species with adequate regen from tam and spruce species. Fair amount of balsam fir regen around perimeter of stand. High water table, many indicator species throughout. (old comment) USED OLD SI. STAND CUT 1986.</p>														
15	C6	X0	21	99	9	90	35	cedar	mature	N		10-19 years	0	
<p>comnts Fmd : Stand difficult to access. Only made it a short distance from M-93 at time of inventory due to wet ground and dense understory. Lots of balsam in places. Cedar growing fairly well, not great height. Some cedar regen in places, mainly in areas of dense overstory and heavy understory. (no old comment)</p>														
16	Q6	Q2	65	75	8	90	32	mixed swamp conifer	immature	N		10-19 years	0	
<p>comnts Fmd : Mixture of q-type species with cedar interspersed throughout stand. Some areas cedar is quite dominant although still not a very high density in terms of BA. Trees are growing farily well, qite a bit of conifer regen in places. Higher water table with some areas containing standing water in small depressions. Recommend not to treat stand as mentioned in past OI comment. (old comment) TREAT NEXT YEAR OF ENTRY</p>														
17	J3	X0	11	33	3	0	48	jack pine	immature	N		30-39 years	0	
<p>comnts Fmd : stand is extremely dense, approximately 20-22' in height. Growing quite slow when compared to last YOE data. Scattered merchantable trees do exist however I felt it better to describe this stand as a J3 rather than J4. Very soon to be a J6 stand. (old comment) AVERAGE HEIGHT 20 FEET, DIA. 3 INCHES, SHOULD BE POLE SIZE NEXT YOE.</p>														
18	R9	M1	28	70	11	120	46	red pine	mature	N		30-39 years	0	
<p>comnts Fmd : Slight understory of red maple and oak saplings. Blueberry and bracken as groundcover, minimal red pine regen within stand. Red pine is growing well with last 15 years growing at a rather rapid growth rate. Somewhat limby, not pruning lower branches because of open grown conditions in most areas. Open areas being taken over by cherry bruch with some jack pine and red pine present, albeit in very small numbers. (no old comment)</p>														
19	J3	J3	13	26	3	0	55	jack pine	immature	N		30-39 years	0	
<p>comnts Fmd : J3 stand, approximately 15' tall with 3-4" DBH, getting very close to being merchantable. Trees that are &gt;5" DBH do not quite contain an 8' stick. Lot's of wildlife activity throughout with deer trails traversing throughout. Southern edge is slightly thinner since red pine have been shading this area since the plantation was established. (old comment) USED OLD SI.</p>														

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20	R 9	M 2	37	82	13	120	48	red pine	mature	N		30-39 years	0	
<p>comnts Fmd : Stand has more oak regen when compared to stands to the north. Red pine is of good quality. Scattered red pine regen along with small pockets of J2/J3. Lichen on ground indicates lower water table and dryer site when compared to stand to the north. Snowmobile trail forms southern border of stand. Stand has nice interface with wetter q-type to the east. Fair amount of wildlife use near this edge as swampland to the east provides excellent retreat. (no old comment)</p>														
21	L 1	X 0	9	26	0	0	52	lowland brush	nonstocked	N		50-59 years	0	
<p>comnts Fmd : Open L-type/U-type with some sapling sized conifers present in low numbers. Unique stand used heavily by wildlife of many kinds. Creates quite a sanctuary amongst surround these conifer stands. High water table, assuming this stand is quite wet in the spring. (old comment) USED STAND 22 SI</p>														
22	R 9	F 1	8	64	14	100	54	red pine	two aged	N		10-19 years	0	
<p>comnts Fmd : Mixed stand with nice overstory red pine bordered by swamp on both sides. Large red and white pine create a very nice stand which because of its location is very desirable to many wildlife species. There is a poor quality transition stand between this stand and stand 26 to the south. This transition area is made up of red pine/white pine, jack pine poles along with poor quality oak. Thick wintergreen exists on ground with bracken fern/blueberry above. Areas of bunchberry indicate wet soils in places. Red maple present along with fir and spruce in understory near edges of stand. Overall this is a nice stand with many unique characteristics. Old comment says to hold ten years. Not sure what was meant to be done but I would recommend leaving the stand as is because of size, accessibility, etc. (old comment) HOLD TEN YEARS</p>														
23	Q 6	F 3	27	72	7	70	36	mixed swamp conifer	immature	N		30-39 years	0	
<p>comnts Fmd : q-type, difficult to access. Did not get abundant data from stand due to access issues at time of inventory. Wet stand overall with spruce/swamp conifer species dominating throughout. Areas of thick balsam fir regen and overstory growth. Some cedar scattered throughout stand. (no old comment)</p>														
24	R 7	W 2	17	7	16	30	53	red pine	mature	N		40-49 years	0	
<p>comnts Fmd : Red pine/white pine seedtree with red pine being slightly more prevalent throughout in overstory percentage. Red maple and aspen present in understory with red and white pine present in lesser numbers. Overall this is a very nice stand responding well to harvest. BA variable in areas however overall it looks to be in the 30-40 sq ft/acre range. Good quality residual. (old comment) Stand harvested and completed summer 2001. CHECK WATER TABLE BEFORE CUTTING. MARK 20 BA OF RED PINE AND 10 BA OF WHITE PINE TO BE LEFT.</p>														
25	L 3	X 0	9	92	1	0	52	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : L-type with scattered paper birch. Tamarack and spruce are present in low #'s. Alder quite thick in spots. Lots of cardinal flower and irises throughout stand, namely along edge. Wet areas common within stand during late summer months. Probably very wet during spring. (old comment) USED STAND 24 SI</p>														
26	W 8	W 3	19	102	18	60	51	white pine	immature	N		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Large white and red pine throughout stand with southern edge containing jack pine. Significant natural regen of red and white pine is present along with balsam fir in understory. Some oak seedlings and red maple poles are present as well. Nice stand, this are coupled with stand 22 would make a nice SCA. Limited access and very little use of this area. (no old comment)</p>														
27	R 6	M 2	5	70	10	70	50	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : Nice red pine, red maple is clumpy and of poor quality as is jack pine. Stand is quite mixed with many species being represented in the 10-20 BA range. Fair amount of oak regen with some in sapling/small pole size range. Some red pine regen, albeit quite suppressed. Some enormous red pine exist in this stand, however the height of these trees indicates slow growth rate. More aspen exist in the northern portions of the stand, along the pipeline. The area west of the pipeline has been separated into a new stand which typed out to be an A9 stand. This new stand is now referred to as stand 127. (no old comment)</p>														

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					D	B	Tot. BA							
28	R 6	M 2	8	70	10	120	55	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : A very mixed stand with red pine, red maple and aspen common throughout. The stand typed to be a R6 stand but in places could be considered an R9 or M6 stand. Aspen is fair to poor quality as is red maple for the most part. Red pine is of good quality with scattered large individuals accompanied by natural regen. Some very large individual trees in the central/western portion of the stand. Red pine regen is being suppressed by overstory red maple and aspen regen. Jack pine exists throughout the stand in low numbers and is declining rapidly. Pockets of different species result in variable stand. (no old comment)</p>														
29	R 9	M 2	17	54	11	110	60	red pine	immature	N	thinning	within 0-9 years	1	
<p>comnts Fmd : Descent quality red pine with jack pine, oak and red maple scattered throughout. Open understory that varies between blueberry and bracken fern groundcover. Some areas have thick sedge. Some small areas of red and jack pine regeneration. Aspen is also present in small numers, mainly along road and in small open areas. Some open pockets exist throughout stand and jack pine becomes more common towards I-75. Thin stand by removing jack pine, oak, aspen and red maple. Leave all red pine except in areas where red pine BA is high, most likely concentrated in north and eastern portions of the stand. Special care should be taken not too damage any of the red pine/jack pine regeneration within the stand.</p>														
30	E 5	M 2	23	98	8	70	53	swamp hardwoods	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet</p>														
<p>comnts Fmd : swamp stand with tributaries running in a southerly direction towards the E Branch AuSable river. Wet in places with understory varying in density throughout. Red pine sawlog sized trees are common and make up a good percentage of the BA. Some places areas could be typed M5/6 or R7/8. Did not look at stand as extensively as usual because of stand conditions. (no old comment)</p>														
31	D 0	D 0	22		0	0	53	treed bog	nonstocked	N		not scheduled	0	
<p>comnts Fmd : stand has dead standing cedar trees as well as some tamarack and other swamp conifers. Somewhat inaccessible, not able to get a very thorough assessment of stand. (no old comment)</p>														
32	Q 5	F 3	46	54	8	40	38	mixed swamp conifer	immature	N		20-29 years	0	
<p>comnts Fmd : Somewhat open understory, however the understory is thick near ground level up to about 5 feet with fir spruce species and tamarack regen. Cedar regen is present in places, surprisingly thick in areas, albeit short and suppressed. Red maple and birch are also present in low numbers with black ash also common throughout. (old comment) BEAVER ACTIVITY</p>														
33	T 6	F 3	7	92	8	70	50	tamarack	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Too wet Water quality/bmps</p>														
<p>comnts Fmd : Very similar in makeup to stand 31. Denser overstory with slightly higher BA. Difficult to move through in areas because of suck thick brush and understory. Lot's of deadfalls and standing snags. Birch is declining and this can be seen by the number of snags present. (no old comment)</p>														
34	L 0	X 0	6	92	0	0	30	lowland brush	sparse	N		80+ years	0	
<p>comnts Fmd : L-type stand with scattered swamp conifers throughout. Lots of dead standing timber throughout stand, indicating this was once a stand similar to those which surround it. Evidence of old beaver dams exists, most likely resulting in the relatively treeless landscape that is now present. Lots of wildlife activity within stand, saw a number of grouse near edge as well as many deer.</p>														
35	R 6	X 0	7		8	180	61	red pine	immature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : Descent red pine however the stand has been suppressed for quite awhile. Stand has narrow rows which may present issues when cutting. Stand should be thinned removing every third row while also removing all aspen and jack pine regardless of what row it is in. Stand has a nice level of balsam fir throughout. This is currently providing a good refuge for songbirds and also grouse within the stand. For this reason, all balsam fir should be left. (old comment) CUT WHEN STAND 42 IS CUT</p>														
36	C 6	Q 1	2	112	10	160	30	cedar	immature	N		10-19 years	0	
<p>comnts Fmd : Small cedar stand that creates an island within stand 32. Interesting stand with descent cedar throughout. Lots of browse on lower branches with minimal understory. Looks to provide good cover for wildlife, mainly deer and some turkey possibly. (old comment) A SMALL POCKET OF HEALTH CEDAR</p>														

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					B	Tot. BA								
37	W9	F3	5	110	15	170	48	white pine	old growth (potential or actual)	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u>                      Too wet                      Water quality/bmps</p> <p>comnts Fmd : Small island of natural origin white pine with numerous other species, namely red pine, common throughout. May be some issues with the private land interface, possibly a trespass in some areas along with deer blinds that look to be on state land. Could not confirm survey markers to delineate this line. Difficult to access/inaccessible by vehicle. Entered stand from I-75 and crossed swamp north of private property. White pine looks to be growing well, some individuals are very large. Q-type fazes in and out of stand from adjacent types and fir is common along edges of stand. Ground is wet in places and cedar are relatively common in low numbers throughout understory. Red pine is a major component throughout making up approximately 40% of the BA. Red maple is dominant in understory throughout northern portions of the stand. Would make a very nice SCA in combination with stand 130. (no old comment)</p>														
38	J9	M3	4	60	10	70	55	jack pine	mature	N		10-19 years	0	
<p>comnts Fmd : Open J9 stand with heavy red maple understory. Borders private land and is somewhat isolated making it an interesting stand. Areas of stand are quite open while others are well stocked, moreso as you near I-75. Overall a descent stand although jack pine looks rather unhealthy with some browning of needles occuring along with some mortality in places. If left will most likely convert to M6 stand over time. Heavy blueberry as groundcover. (no old comment) TREAT WITH STAND 29</p>														
41	L0	X0	37		0	0		lowland brush	nonstocked	N		60-69 years	0	
<p>comnts Fmd : L-type stand with balsam fir, birch, red maple and tamarack scattered through in low density. Some areas with low overstory BA however overall the stand is tag alder with the above mentioned species present.</p>														
42	Q5	F2	15	35	6	40	48	mixed swamp conifer	immature	N		30-39 years	0	
<p>comnts Fmd : Thick stand of balsam fir with spruce species present. Lots of wildlife activity, difficult to walk through in spots because of tangled brush and thick regeneration. Some areas of deadfalls along with areas of overstory white pine. Dead standing snags are providing good habitat for numerous bird species. (old comment) USED OLD SI</p>														
43	R6	F1	8	60	10	110	50	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : Descent red pine stand, high water table is evident by spruce fir component along with bunchberry on ground in some places. Red maple are scattered throughout along with oak species. Overall a very nice stand with good visual properties and excellent wildlife habitat. (old comment) Stand thinned 2000</p>														
44	J6	J1	11		7	80	58	jack pine	immature	N		20-29 years	0	
<p>comnts Fmd : Sparse low quality mixed stand surrounding old gaswell that is now serving as Wilcox bridge snowmobile trail parking lot for Snowmobile trail #47. Parking lot is closed by gates and locked until December 1st unless significant snowfall justifies them being opened earlier. Sign is posted at parking lot. Stand stretches to the north running west of stand 35. (no old comment)</p>														
45	M6	Q3	14	92	8	70	54	northern hardwood	immature	N		20-29 years	0	
<p>comnts Fmd : M6 stand with red pine, white pine and some cedar in places. Quite a diverse stand, lots of wildlife activity throughout. Timber is of fair quality with a high water table persisting in stand. Areas of wet soils with standing water in depressions mainly in western portions of stand. Some trails have been cut through stand, possibly for hunting/trapping and look to be overgrowing quite rapidly. Balsam fir dominates understory with other swamp conifers common as well. Stand is combination of old stands 45 and 46. (no old comment)</p>														
47	N0	N0	5		0	0	29	marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : N-type with dead standing cedar throughout. There are also areas of dense grasses with some tamarack, balsam fir and black spruce also present. Alder makes up a great deal of the vegetative cover as well. (no old comment)</p>														
48	C6	Q1	5	115	8	80	31	cedar	immature	N		30-39 years	0	
<p>comnts Fmd : Mossy ground cover throughout. Stand interfaces with creek/n-type and has signs that it is wet throughout a good portion fo the year. Cedar is growing fairly well however cedar is beginning to dieback at creek edge. (no old comment)</p>														

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					B	Tot. BA								
49	Q3	Q3	12	92	2	0	30	mixed swamp conifer	immature	Y		40-49 years	0	
<p><u>Treatment Limiting Factors:</u>                      Too wet                      Water quality/bmps</p> <p>comnts Fmd : Q/L-type. Thick with tag alder along with areas of young, small diameter swamp hardwoods and conifers. Stand interfaces with private land on the western edge. Could not locate survey markers to delineate this line. (no old comment)</p>														
50	J6	M1	7	70	9	80	52	jack pine	mature	Y	final harvest	within 0-9 years	1	direct seeding
<p>comnts Fmd : Stand was marked with boundary paint when inventoried in 2007, however no treatment had been undertaken. Currently stand is set up along with stands 51 and 52 under the Wet-Dry Jack timber sale and are in the process of being cut (9/08). (old comment) TREAT WITH STAND 24, REPLANT JP.</p>														
51	J6	A2	15	66	8	90	48	jack pine	mature	N	final harvest	within 0-9 years	1	direct seeding
<p>comnts Fmd : Under tsale proposal and in the process of being cut along with stands 50 and 52 under the Wet Dry Jack timber sale (9/08). (old comment) TREAT WITH STAND 52</p>														
52	J6	J1	12	66	8	100	48	jack pine	mature	N	final harvest	within 0-9 years	1	direct seeding
<p>comnts Fmd : Currently on proposal and in the process of being cut along with stands 50 and 51 under the timber sale proposal Wet Dy Jack (9/08) (old comment) FINAL HARVEST AND REPLANT, OR SEED. The Abney's submitted an LTA in 2007 for outright purchase of that part of the stand west of their property to Lewiston Grade Road. The narrow strip they requested extends south and includes compt 219 stand 12. **This exchange will occur in fall of 2008 or winter of 2009.</p>														
53	W6	W2	11	66	7	70	49	white pine	immature	N		20-29 years	0	
<p>comnts Fmd : Very mixed conifer stand with relatively low quality throughout. Northern portion of stand, areas north of Lewiston Grade Road not inventoried in last OI when it was typed as a Q3. Lots of poor quality oak and aspen along with some open areas. Overall not very highly stocked and quite variable in terms of stocking, composition and quality. Southern portion of stand has a number of large red and white pine. Snowmobile trail traverses the stand in an east west direction. (no old comment)</p>														
54	Q6	F2	20	103	8	70	46	mixed swamp conifer	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u>                      Too wet                      Water quality/bmps</p> <p>comnts Fmd : Black spruce stand with tamarack present in lower numbers. Thick stand, did not do a very long sample traverse. (no old comment)</p>														
58	A3	X0	14	27	3	0	48	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : A3/U-type with patches of nonmerchantable/barely merchantable aspen. Cherry bruch and red maple clumps are also present. Beginning to convert to an A4 stand. Possible location to burn and maintain and grassy opening? (no old comment)</p>														
59	A6	M2	15	75	8	80	46	aspen (upland)	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u>                      Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Low quality aspen mixed with small number of jack pine and red maple. Occasional white pine and oak regen throughout. Patchy BA at edges, wetland indicators within stand at northern edge. Red maple within understory is thick in areas but overall is an M2 understory. (no old comment)</p>														
60	A3	G0	15	8	1	0	50	aspen (upland)	sparse	N		40-49 years	0	
<p>comnts Fmd : A3/J3 stand with scattered oak remaining in overstory. Lots of cherry bruch throughout as well as red maple being mixed in. Nice mixture of species, area being used heavily by many wildlife species, namely grouse. (old comment) final harvested 2000.</p>														
62	U3	X0	4		1	0		upland brush	nonstocked	N		50-59 years	0	
<p>comnts Fmd : U-type stand could be typed as J4 in places however overall upland brush and nonmerchantable jack pine aspen and cherry dominate. (no old comment)</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	Acrs	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
63	R 6	O 1	59	44	10	170	60	red pine	mature	N	thinning	within 0-9 years	1	
<p>comnts Fmd : Descent red pine stand, not quite the overall quality of stand 66 for some reason. Row thinned in 2000 and responding relatively well. Density increases in the eastern/northern portions of the stand, DBH increases slightly. Blue berry is thick in places serving well as low ground cover. Some illegal ORV use throughout this area. Thin stand again removing 1/3, possibly slightly more in some places. Thin to improve overall form by removing forked, suppressed or otherwise lesser quality trees. Could wait until next YOE but stand BA is high enough to warrant thinning at this time. (old comment) stand third row thinned 2000.</p>														
65	E 6	E 2	4	76	7	80	62	swamp hardwoods	mature	N		20-29 years	0	
<p>comnts Fmd : Wet stand throughout with black ash being most common species. Cedar prevalent along edges and moreso in the northern portions of the stand. Areas of alder as well and some pockets of good DWD. Overall a nice stand creating a valuable wildlife corridor as well as an area that breaks up the surrounding red pine stands. (no old comment)</p>														
66	R 9	O 1	37	49	11	150	60	red pine	immature	N	thinning	within 0-9 years	1	
<p>comnts Fmd : Nice red pine stand that has been third row thinned with possibly a subsequent thinning. Responded well and should possibly be thinned again to remove suppressed, poorly formed individuals. Variable size distribution as well as density in some places. Some open spots as well as some porky damage that has caused pockets of top dieback. Scattered oak exist throughout stand and are of very poor quality. Edge of stand has noticeably greater DBH. Thin removing approximately 1/3, possibly less in areas where BA is lower. Thin heavier in areas of high BA removing forked, suppressed or otherwise poorly formed individuals. Could leave oak or remove. Possibly girdle and let fall to increase DWD and structure on the ground. Determine at time of thinning. (no old comment)</p>														
68	R 9	W 1	23	92	16	140	62	red pine	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p>														
<p>comnts Fmd : Nice red pine stand with large diameter and excellent form. White pine becomes more of a component in the south and is very well formed also. There are areas of white pine regeneration in understory throughout stand. Extremely high quality stand, little understoryaside from whit epine and the occasional oak seedling. There is also red maple present in low numbers. Some merchantable red and whit eoak exists but is of poor quality. Red pine cored to be in the low 90 year old age class as did whit epine. Average heights for both were red pine-93 and white pine-115 respectively. Overall very nice stand. (old comment) STAND IS HEALTH, HOLD UNTILL NEXT YO.E.1998</p>														
69	R 9	W 1	16	92	16	110	62	red pine	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p>														
<p>comnts Fmd : Continuation of stand 68, almost identical in size and form. White pine component is less in this stand however it continues to be present and makes up the dominant understory species, albeit in low numbers. There is little to no red pine regeneration within this stand. Stand has areas in northern portions that are a bit more sparse leading into adjacent stand 65. Still the same size/form red pine however more pole sized individuals are present. Oak are again scattered throughout but contine to be of poor quality. Private interface along eastern edge of stand. (no old comment)</p>														
70	X 0	X 0	1		0	0	60	other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Wilcox Bride snowmobile trail head and parking lot for snowmobile trail #47. Area is locked by DNR gate because of trespass issues. Gates are opened and area is maintained beginning Decmeber 1st. (old comment) SNOWMOBILE PARKING LOT</p>														
71	X 0	X 0	4			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Headquarters area for Grayling FMU. Some area within this stand are made up of R9 timber type however because of the use of this area, it was typed XO. (old comment) DNR FIELD HEADQUARTERS</p>														
72	R 9	O 1	1	64	12	190	52	red pine	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Scenic values/visual values</p>														
<p>comnts Fmd : Minimal understory throughout stand, oak is present but at low levels. Red pine of good quality with nice spacing. Blueberry common with scattered oak/maple throughout understory. Jack pine represents a fair amount of the stand but is of low quality and declining very rapidly. Stand provides an excellent visual/scenic buffer and section of the paved bicycle trail as well as M-93 (old comment) BUFFER ALONG M-93 (HARTWICK RD.)</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
102	O 9	M 1	11	72	9	100	60	oak	mature	N		10-19 years	0	
<p>comnts Fmd : Descent quality oak stand with some nice sawlog sized trees. Red maple is also a major component throughout, mainly in the sapling layer (3-6"). Red pine is also scattered throughout and white pine is becoming more of a component in the understory, namely on the western edge due to an area of white pine that is beginning to seed. Aspen is also present however not on a consistent basis. Terrain is somewhat hilly. Ground flora along with tree species/growth/form indicate that this falls into Kotar's VHa classification and it should be expected that red maple will continue to become more prevalent and in some cases may overtake the stand as it is beginning to do in areas. This is a copy of stand 2 and is separated from the original stand 2 by a narrow section of stand 1. Stand 2 is prescribed to be thinned/shelterwood harvested however this stand should be left to increase diversity in the area as well as to create variation in timber types/stocking levels throughout the compartment. Hold ten years and then prescribe with appropriate prescription. (old comment) FAIR TO GOOD RED OAK - MANAGE FOR SAWTIMBER. ALOT OF HYBRID OAK (NORTHERN PIN, RED OAK).</p>														
118	R 9	M 1	9	70	11	90	46	red pine	mature	N		30-39 years	0	
<p>comnts Fmd : Small R9 stand that was left out of past inventory. It looks like this stand was once connected to stand 18 and therefore the data from that stand was copied for this stand. Red pine is of good quality however quite limby. Relatively open ground with mediocre stocking. There are a few scattered bogs throughout the stand made up of small depressions where leatherleaf is dominant and ground is soft/boggy. Understory is low stocked oak with red maple also present along with a few areas of J2 where canopy is a bit more open and along perimeter of stand. Overall, a nice stand that breaks up the jack pine plantings in the area quite well. (no old comment)</p>														
127	A 9	M 2	5	70	12	140	50	aspen (upland)	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed to take advantage of exceptional site quality or growth</p>														
<p>comnts Fmd : New stand separated out from original stand 27. This stand lies to the west of the pipeline and contains the DNRFM test cruise plot. The aspen within this stand are very large in terms of height and diameter however they are exhibiting surprisingly good growth and overall form. Little decline is occurring aside from normal snag development and the occasional fallen tree. This stand, similar to stand 27 is quite mixed as many species are represented in the overall BA. One notable difference within this stand is the dramatic increase in the prevalence of maple-leaved viburnum. Could possibly set this stand aside for educational/training purposes. (no old comment)</p>														
128	R 9	M 1	4	51	13	110	58	red pine	two aged	N		10-19 years	0	
<p>comnts Fmd : Part of stand 28 however it was separated from this stand by pipeline/road. Small swamp area was separated from this stand in SW corner. Scattered balsam/spruce around perimeter of swamp creating nice cover and good wildlife refuge. Stand consists of seed tree/super canopy red pine with natural regene throughtout. Regen is in the 50 year age class and is approximately 8 inches on average. Seed trees are 110 years of ag+ and average 13 inches in diameter. Bunchberry in ground flora at northern edge of swamp indicating a high water table. Moss species are also common in the area. The stand has an M1 understory with blueberry and bracken fern making up the remainder of the ground cover throughout the stand. (no old comment)</p>														
130	R 9	W 1	4	103	17	190	60	red pine	old growth (potential or actual)	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p>														
<p>comnts Fmd : Nice natural origin red pine stand with large white pine along perimeter where stand meets the q-type to the east and north. Trees are growing very well and are tall with a great deal of character throughout the stand. The understory red pine is suppressed by these larger red pine and are growing at a somewhat slow rate but are well formed. DBH decreases slightly in southern portions of stand but there continues to exist numerous large super canopy red pine. There are multiple large jack pine snags throughout stand that are providing nice habitat and are beginning to break up providing increased coarse woody debris. Balsam fir provide a nice border around stand where it interfaces with q-type. Black spruce are also regenerating here providing excellent low ground cover. This in conjunction with stand 37 would create an excellent opportunity for an SCA. (new stand that was not identified on previous OI map)</p>														
228	L 1	X 0	1	51	0	0	58	lowland brush	two aged	N		10-19 years	0	
<p>comnts Fmd : Small swamp area separated from stand 128 in SW corner. Made up mostly of tag alder with the occasional swamp conifer mixed throughout. Holds standing water during spring and ealy summer as evidenced by water lines within stand. (no old comment)</p>														
400	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Narrow grassy opening with red maple and some white pine scattered throughout. 2-track runs in a north south direction through stand. The entire stand is in a small valley with the higher ridge on the western side of the stand. (old comment) THERE IS A TWO TRACK WITHIN THE GRASSY OPENING</p>														

GRAYLING FOREST MGT UNIT

Stand Level Information

Compartment: 218 Entry Year: 2000

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S t a n d	Cover Type- Size Dnsty	Under Story- Stkng Level	A c r e s	Age	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
401	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	

comnts Fmd : Small grassy opening adjacent to 2-track and private land to the west. Some upland brush within opening along with red pine and jack pine regeneration around the edges, most likely recruits from adjacent stand 72. Nice opening, maintain in the future. (no old comment)

Total Acres..... 1061