

* 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 | Age | Ave. DBH | Tot. BA | Site Indx | Mgt Obj | Condition | Silv. Criteria Met? | Method Cut | Trtmt. Period | Harvest Priority | Cultural Need |
|--|------------------|-------------------------|-----|----------|---------|-----------|---------|----------------|---------------------|------------|------------------|------------------|----------------------|
| | | | | | | | | | | | | | |
| 1 | O 9 | M 3 | 33 | 95 | 14 | 90 | 59 | oak | mature | Y | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | |
| Delayed to take advantage of exceptional site quality or growth | | | | | | | | | | | | | |
| comnts Fmd : Stand thinned 1990. Very heavy red maple seedlings from stump sprouts and seeds, red maple 3-7 feet tall 0.5-1" dia. Shelterwood next YOE. /Pockets of white pine regen 5-15' tall. Oak is of fair quality with some damage in the form of seams and scars near the base, most likely resulting from past logging operations. Heavy red maple regen with some white oak stump sprouts and scattered witch hazel. Also some scattered red pine individuals. | | | | | | | | | | | | | |
| 2 | A 3 | O 2 | 30 | 15 | 3 | 0 | 59 | aspen (upland) | immature | N | 20-29 years | 0 | |
| comnts Fmd : Final harvested 1991 aspen regeneration is patchy. Good spots of oak regeneration. /Scattered white pine residual and a few larger oak remaining from '91 harvest. Some oak regen with thick poskets of red maple as well. Aspen is in good shape, some hypoxylon throughout. | | | | | | | | | | | | | |
| 3 | O 9 | W 3 | 32 | 100 | 10 | 110 | 61 | red pine | mature | Y | shelterwood-seed | within 0-9 years | 1 |
| comnts Fmd : Leave all red and white pine regardless of size. Harvest all other species in order to release pine component, leaving scattered red and white oak for wildlife habitat and species diversity. Use caution during harvesting as there are many pockets of dense red and white pine advanced regeneration that should be protected. Little hardwood regen. Seams and scars on oak with numerous dead limbs. More red pine poles than adjacent stand 1. White pine is 40-50 yrs old @ 5" DBH. (old) 1978 red pine was marked for harvesting. Pole size red pine throughout out the stand along with a significant stocking of white pine poles. Found gypsy moth egg mass quarter size. NEED TO MONITOR FOR GYPSY MOTH. Thin oak to 70 BA, and harvest all aspen.. Leave mature red and white pine scattered. Review in YOE 2008. Compartment is on a 5 year rotation, check percription in 2008. | | | | | | | | | | | | | |
| 4 | W 6 | M 3 | 21 | 54 | 9 | 100 | 75 | white pine | immature | N | 10-19 years | 0 | |
| comnts Fmd : STAND HARVESTED 1999. Oak was left for wildlife average residual 20 BA. /Nice white pine with pockets of heavy red maple regen in understory. Some oak regen, thick in pockets, also present, mostly white oak. Some pine sawfly damage, scattered jack pine snags. | | | | | | | | | | | | | |
| 5 | O 9 | M 2 | 14 | 75 | 12 | 80 | 65 | oak | immature | N | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | |
| Delayed treatment for age/size class diversity | | | | | | | | | | | | | |
| comnts Fmd : WAIT UNTILL BETTER OAK REGENERATION IS OLDER AND BETTER ESTABLISHED. THEN DO A SHELTER WOOD CUT. 1978 red pine marked for harvest. /Scattered aspen poskets with fir in understory. 5-20' advanced oak regen in places. Overall a relatively open understory with pockets of WP, red maple and white oak. White oak sawlogs are nicely formed and are growing well. In western portion of stand there is a heavier pine component with a few very large red pine. | | | | | | | | | | | | | |
| 7 | O 9 | M 3 | 26 | 100 | 12 | 70 | 55 | oak | mature | Y | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | |
| Other Dept./Div. procedures or practices (describe in comment) | | | | | | | | | | | | | |
| comnts Fmd : Shelterwood very little oak regeneration, heavy red maple understory with some aspen and white pine. In forty years clear-cut aspen and red maple. Our white pine should take over so that within the next sixty to one hundred years. Our oak should be increasing in the understory then we can start harvesting the white pine. 1978 oak was marked for thinning. Review in 2008. Compartment is on a 5 year rotation, check percription in 2008. /Oak regen is limited to White oak. WP seedlings/saplings throughout. Scattered aspen and red pine with occasional jack pine snags. White pine is thicker along moorstown rd. which should be left/protected to provide a buffer into the interior of stand. | | | | | | | | | | | | | |
| 8 | R 9 | F 3 | 36 | 115 | 20 | 80 | 58 | red pine | mature | Y | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | |
| Scenic values/visual values | | | | | | | | | | | | | |
| comnts Fmd : NO MANAGEMENT NEEDED AT THIS TIME. 1979 ass spruce, balsam, jack pine and mixc, hardwood trees were harvest, also white pine, red pine and oak trees marked with yellow paint. /Sweetfern on edges of stand with heavy wintergreen in understory. Red pine provide good buffer along moorstown rd for alder swamp to the south. Portion of stand east of powerline contains some very large red and white pine. Some large red oak present, some dead standing providing good snag habitat. | | | | | | | | | | | | | |
| 9 | R 9 | M 3 | 11 | 97 | 20 | 110 | 64 | red pine | mature | Y | within 0-9 years | 0 | natural regeneration |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | |
| Retention of stand for regeneration purposes (ie. shelterwood) | | | | | | | | | | | | | |
| comnts Fmd : CUT ALL RED PINE AND OAK WITH STAND 53 COMP-192 YEAR 2007 /RP/WP dominants with some scattered oak and red maple. Red maple understory with pockets of thick white pine regen. Scattered fir throughout. In SW corner, two red pine witness trees were found, however no corner post was located. Prescribed to be harvested, recommend to unprescribe because of unique stand components. | | | | | | | | | | | | | |

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| Stand | Cover Type-Size Dnsty | Under Story-Stkng Level | Age | A c r e s | avg. D B H | Tot. BA | Site Indx | Mgt Obj | Condition | Silv. Criteria Met? | Method Cut | Trtmt. Period | Harvest Priority | Cultural Need |
|--|-----------------------|-------------------------|-----|-----------|------------|---------|-----------|---------------------|----------------------------|---------------------|------------|---------------|------------------|---------------|
| | | | | | | | | | | | | | | |
| 10 | Q 5 | Q 3 | 13 | 86 | 6 | 60 | 48 | mixed swamp conifer | sparse | Y | | not scheduled | 0 | |
| <u>Treatment Limiting Factors:</u> Deer yards | | | | | | | | | | | | | | |
| comnts Fmd : Extremely variable stand cutting in 1980 left patches of uncut areas where soil was to wet. Hold for wildlife. Deer yard. /Walked southern boundary of section 34 and could not access stands 10 & 11 due to water and snow levels. Used previous OI data. | | | | | | | | | | | | | | |
| 11 | Q 5 | Q 3 | 1 | 86 | 6 | 60 | 48 | mixed swamp conifer | sparse | Y | | not scheduled | 0 | |
| <u>Treatment Limiting Factors:</u> Deer yards | | | | | | | | | | | | | | |
| comnts Fmd : Extremely variable stand cutting in 1980 left patches of uncut areas where soil was to wet. Hold for wildlife. Deer yard. Could not access because of water/snow levels. Used previous OI data. | | | | | | | | | | | | | | |
| 12 | N 0 | N 0 | 94 | | | 0 | | marsh | nonstocked | N | | 80+ years | 0 | |
| comnts Fmd : STAND WAS CUT IN 1980 AND HAS COVERED TO A MARSH WITH TAG ALDER. Thick tag alder with scattered fir and spruce species. Lot's of wildlife use by hare and deer, also squirrels around edge. | | | | | | | | | | | | | | |
| 13 | W 6 | O 3 | 32 | 100 | 10 | 90 | 46 | white pine | immature | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood) | | | | | | | | | | | | | | |
| comnts Fmd : VERY GOOD OAK REGENERATION WAIT UNTILL NEXT YEAR OF ENTRY /Somewhat of a mixed stand with areas of R9, W9 and predominately W6. There is good red maple regeneration in the understory with some advanced oak regeneration throughout. Many large red and white oak remain from past harvests. Leave for visual along ORV as well as somewhat of a shelterwood for the regeneration present in the understory. Next year of entry, thin red and white pine and attempt to protect regeneration. | | | | | | | | | | | | | | |
| 14 | O 8 | O 3 | 20 | 83 | 10 | 60 | 70 | oak | mature | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity | | | | | | | | | | | | | | |
| comnts Fmd : Stand thinned 1990 sale # 720658801. Heavy red maple regen. /Nice oak regen (mostly white oak). WP regen is 4-10' tall and red maple regen is 6-15'. White and red oka dominants are well formed. Witch hazel throughout understory. | | | | | | | | | | | | | | |
| 15 | M 3 | O 2 | 2 | 16 | 2 | 0 | 63 | northern hardwood | in process of regeneration | N | | 40-49 years | 0 | |
| comnts Fmd : stand final harvest 1990 sale # 720658801. Heavy red maple regen, aspen, and some oak. Used old SI. Hold stand conditon as (#9) untill next YOE 2007. /Scattered white pine poles. Maple regen is very thick with better oak regen around perimeter. | | | | | | | | | | | | | | |
| 16 | O 7 | O 3 | 16 | 69 | 13 | 40 | 48 | oak | mature | N | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood) | | | | | | | | | | | | | | |
| comnts Fmd : stand cut 1999. Sale # 720209801 /THICK white oak regen. Good natural white/red pine regen around perimeter from adjacent stands/seed trees. Some canopy oak have fallen creating good DWD. Deer browse, heavy in spots. | | | | | | | | | | | | | | |
| 17 | W 6 | M 3 | 40 | 63 | 7 | 70 | 56 | white pine | sparse | N | | 10-19 years | 0 | |
| comnts Fmd : Stand harvested 1988, sale # 720628801. Some oak trees were girdled. 1960 Jack pine 10" and larger were harvested. 1978 all aspen, marked oak, and red pine trees were cut. | | | | | | | | | | | | | | |
| 18 | R 9 | M 3 | 18 | 55 | 14 | 80 | 70 | red pine | mature | N | | 20-29 years | 0 | |
| <u>Treatment Limiting Factors:</u> Scenic values/visual values | | | | | | | | | | | | | | |
| comnts Fmd : TREAT STAND 18 AT SAME TIME STAND 8 IS TREATED. Site location for radio tower. All oak trees 12" and up were harvested 78. /Pockets of oak regen that is heavily browsed. 2 aged stand with some very large red pine and nice natural regen. Some pockets of aspen (4-6" DBH). Numerous squirrel nests in red pine. Also some scattered balsam fir in understory. | | | | | | | | | | | | | | |
| 19 | Q 6 | F 3 | 15 | 100 | 9 | 70 | 30 | mixed swamp conifer | immature | Y | | 20-29 years | 0 | |
| <u>Treatment Limiting Factors:</u> Deer yards | | | | | | | | | | | | | | |
| comnts Fmd : From 1961-1964 cedar 8" and larger was harvested. The remain cedar has dead tops. Very wet, deer yard area. /Lot's of DWD, yellow birch snags. Some cedar have dead tops. Standing water, labrador tea. | | | | | | | | | | | | | | |

GRAYLING FOREST MGT UNIT

Stand Level Information

Compartment: 194 Entry Year: 2008

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| Stand | Cover Type-Dnsty | Under Story-Stkng Level | Age | A c r e s | avg. | | | Mgt Obj | Condition | Silv. Criteria Met? | Method Cut | Trtmt. Period | Harvest Priority | Cultural Need |
|--|------------------|-------------------------|-----|-----------|-------|---------|-----------|-------------------|------------|---------------------|------------------|------------------|------------------|----------------------|
| | | | | | D B H | Tot. BA | Site Indx | | | | | | | |
| 20 | O 9 | M 3 | 29 | 105 | 14 | 90 | 55 | oak | mature | Y | shelterwood-seed | within 0-9 years | 1 | natural regeneration |
| <p>comnts Fmd : Stand thinned 1978. The only thing regenerating is the red maple. Shelterwood then final harvest. /Nice 2-4" red pine regen. Scattered RP?WP poles/logs throughout. Lot's of turkey tracks, wildlife activity. Pine component is greater in southern/western portion of stand. Protect red/white pine regen when harvesting.</p> | | | | | | | | | | | | | | |
| 22 | O 9 | O 2 | 33 | 97 | 13 | 90 | 55 | oak | mature | Y | | 10-19 years | 0 | |
| <p><u>Treatment Limiting Factors:</u> Scenic values/visual values Influence zones</p> <p>comnts Fmd : Past thinning tried to favor pine, scattered old growth oak with pole sized red pine and some white need to hold to protect regen. Shelterwood next YOE. In 1978 all aspen, maple and Jp were harvested. Red and white pine make up about 50% of the total BA. Some of the red pine is over mature and should be cut along with mature red and white oak. Take 10 BA from all three species Red, White pine and Oak. /Very nice red pine. Nice oak with some regen. Multiple aged with white and red pine occupying middle canopy. Some aspen pockets.</p> | | | | | | | | | | | | | | |
| 23 | M 5 | F 3 | 2 | 65 | 9 | 40 | 29 | northern hardwood | immature | N | | not scheduled | 0 | |
| <p><u>Treatment Limiting Factors:</u> Too wet</p> <p>comnts Fmd : Wet stand with scattered white pine logs and cedar poles to the far west. All jack pine was harvested in 1978. Few white pine sawlogs, some are toppling. Numerous cedar and red maple poles with thick fir in understory. Scattered hemlock saplings exist along edge of powerline at northern border of stand. A few large beech can be found in this area as well. Standing water in majority of stand, black spruce present in most areas of stand.</p> | | | | | | | | | | | | | | |
| 24 | O 9 | M 3 | 17 | 101 | 14 | 70 | 55 | oak | mature | Y | | 20-29 years | 0 | |
| <p><u>Treatment Limiting Factors:</u> Delayed to take advantage of exceptional site quality or growth</p> <p>comnts Fmd : Stand harvested Sale # 720309801, finished sept 2001. Thinning with 80 BA left. /Thick red maple stump sprouts, good DWD. Scattered large WP and pockets of thick oak regen that has been heavily browsed. Stand provides good buffer along US127.</p> | | | | | | | | | | | | | | |
| 25 | O 8 | M 2 | 36 | 100 | 13 | 40 | 56 | oak | mature | Y | | 10-19 years | 0 | |
| <p><u>Treatment Limiting Factors:</u> Other Dept./Div. procedures or practices (describe in comment)</p> <p>comnts Fmd : Stand sheltered wood 1989 under sale # 720588801. Time to final harvest. Heavy mix of regen, aspen, red maple, and oak stump sprouts. Compartment is on a 5 year rotation, check percription in 2008. /Similar to stands 24/224. Fewer oak in overstory with very similar understory. Scattered fir. More weevil damage on WP and heavy browse on areas of oak (white) regen.</p> | | | | | | | | | | | | | | |
| 28 | O 6 | W 3 | 19 | 103 | 8 | 70 | 52 | oak | mature | Y | | 10-19 years | 0 | |
| <p><u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood)</p> <p>comnts Fmd : (White pine in waiting in the understory,. Where sunlight has reached the forest floor there is good oak regeneration. Leave mature red and white pine scattered. Treat in YOE 2003. Old commrnt). Timber sale # 72-025-04-01, Silver Dollar Oak. Cut by Robert Near for AJD Forest Products. Cut during the winter of '05-'06. This stand, and some of the surrounding area was disposed of to Beaver Creek Township on 04/13/2006. The stand is a mix of oak and white pine overstory. 07/07/2006 mm</p> | | | | | | | | | | | | | | |
| 29 | R 6 | M 3 | 10 | 44 | 9 | 130 | 54 | red pine | mature | N | | 20-29 years | 0 | |
| <p>comnts Fmd : STAND IS HEALTHY. Stand was cut n 1962, good regen approx 10 - 15 square feet of red pine was left. Diameter running 3-5 inches, 30-35 feet tall. /Oak stump sprouts in good shape-3-7"DBH. Aspen in areas where red pine was more heavily thinned and/or removed. Scattered red/white oak and White pine sawlogs.</p> | | | | | | | | | | | | | | |
| 30 | O 6 | O 2 | 19 | | 9 | 150 | 54 | oak | unevenaged | N | | 10-19 years | 0 | |
| <p>comnts Fmd : Stand cut 1966 very good regeneration, oak stump sprouts as well as seedlings, oak is putting on better dia. growth than maple Aspen clones are heavy in spots but scattered throughout only occassional red pine pole. Diameter up to 6 inches most are 2-4, heights up to 30-35 feet. /Good diversity. Multiple aged red pine and good advanced oak regen. Aspen poles are thick in areas where red pine have been removed.</p> | | | | | | | | | | | | | | |

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| Stand | Cover Type-Dnsty | Under Story-Stkng Level | Age | A c r e s | avg. | | | Mgt Obj | Condition | Silv. Criteria Met? | Method Cut | Trtmt. Period | Harvest Priority | Cultural Need |
|--|------------------|-------------------------|-----|-----------|-------|---------|-----------|----------------|-----------|---------------------|------------|---------------|------------------|---------------|
| | | | | | D B H | Tot. BA | Site Indx | | | | | | | |
| 32 | O 6 | W 3 | 51 | 103 | 9 | 70 | 54 | oak | mature | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | | |
| Scenic values/visual values | | | | | | | | | | | | | | |
| comnts Fmd : Stand harvested Sale # 720309801, finished sept 2001. Thinning with 80 BA left. /Recreational trail through stand. Relatively open understory with oak regen that has been heavily browsed. White pine regeneration is growing well. Maple regeneration is beginning to take over in some areas. Some beech in understory with scattered white pine poles throughout mid-canopy. | | | | | | | | | | | | | | |
| 33 | O 9 | M 3 | 38 | 98 | 15 | 80 | 66 | oak | mature | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | | |
| Delayed treatment for age/size class diversity | | | | | | | | | | | | | | |
| comnts Fmd : Stand thinned 1981 - Diameter release. Regeneration is primarily stump sprouts. Shelterwood next YOY. /White pine poles occupying mid-canopy with scattered WP sawlogs. Oak is well formed, however oak regen is minimal. Quite a few dead standing oak with scattered norway spruce and balsam fir. | | | | | | | | | | | | | | |
| 34 | O 9 | M 3 | 12 | 100 | 14 | 80 | 70 | oak | mature | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | | |
| Scenic values/visual values | | | | | | | | | | | | | | |
| comnts Fmd : Very heavy regen 20 feet in height. Heavy to maple but also oak and aspen. /Less sawlog BA, more advanced regen in understory compared to stand 35. Few small aspen stems in more open areas. | | | | | | | | | | | | | | |
| 35 | O 9 | M 3 | 43 | 103 | 14 | 110 | 57 | oak | mature | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | | |
| Other Dept./Div. procedures or practices (describe in comment) | | | | | | | | | | | | | | |
| comnts Fmd : Stand thinned 1978 diameter growth from the thinning is good. Regeneration is lacking in vigor however, appears overstory is too heavy need to thin again. Reduce BA to 70. Leave mature red and white pine scattered. Compartment is on a 5 year rotation, check perception in 2008. /Some balsam fir, well formed oak and maple tick in understory. Scattered scotch and white pine poles. Oak has been heavily browsed. | | | | | | | | | | | | | | |
| 36 | R 9 | M 3 | 24 | 93 | 17 | 110 | 68 | red pine | mature | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | | |
| Recreational site | | | | | | | | | | | | | | |
| comnts Fmd : Stand thinned 1989 sale # 720638801. / Some advanced oak regen, mostly white oak. Red pine are very well formed and tall, averaging 5-6 logs/tree. Understory is thick, made up mostly of red maple with scattered pockets of oak. | | | | | | | | | | | | | | |
| 37 | O 9 | M 3 | 51 | 101 | 14 | 110 | 50 | oak | mature | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | | |
| Scenic values/visual values | | | | | | | | | | | | | | |
| comnts Fmd : Stand thinned 1978, and 1991. West side has black spruce southwest corner has white pine, red pine and black spruce, but not enough to be treated as a separate stand. /White pine in mid-canopy. Oak is fair quality with minimal regen. Pockets of thick maple regen throughout. Areas of red pine poles that amount to approximately 40BA. | | | | | | | | | | | | | | |
| 38 | A 6 | X 0 | 2 | 38 | 8 | 130 | 55 | aspen (upland) | immature | N | | 10-19 years | 0 | |
| comnts Fmd : Stand was cut 68 aspen still pole size. When stand was cut a few white pine trees were left. /Poor quality aspen. Dead standing jack pine with some scattered white pine and red maple. | | | | | | | | | | | | | | |
| 39 | W 9 | M 3 | 24 | 93 | 16 | 130 | 56 | white pine | mature | N | | 10-19 years | 0 | |
| comnts Fmd : Stand was thinned in the past removing mostly maple and oak. Heavy regen both seeds and sprouts oak and maple. White pine quality is fair to good, some 4/5 stick logs. North portion of stand is more of a pure white pine log stand, to the south it is more pole sized pine mixed with oak and pine logs. Stand has a strip of Norway spruce approximately 1 chain wide running e/w about 3 chains north of trail road. /Scattered large oak and balsam fir. Some of the white pine are well formed. Lot's of wildlife activity at the time when stand was examined. Norway spruce stand has approximately 130BA with 70% of that being sawlog size. | | | | | | | | | | | | | | |
| 40 | W 9 | O 3 | 15 | 87 | 14 | 90 | 48 | white pine | mature | N | | 20-29 years | 0 | |
| comnts Fmd : Harvested 1999 sale # 720189801 closed 1/31/00. /Poorly formed white pine with past weevil damage. Oak is of poor quality. | | | | | | | | | | | | | | |

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|---|------------------|-------------------------|-----|-----------|-------|---------|-----------|------------|-----------|---------------------|------------|------------------|------------------|---------------|
| | | | | | D B H | Tot. BA | Site Indx | | | | | | | |
| 41 | O 9 | O 3 | 20 | 104 | 14 | 90 | 57 | oak | two aged | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | | |
| Retention of stand for regeneration purposes (ie. shelterwood) | | | | | | | | | | | | | | |
| comnts Fmd : STAND THINNED 1979 HAS GOOD OAK REGENERATION WITH POCKETS OF ASPEN. Heavy WP understory, growing well. Some oak regen in openings with scattered scotch pine. Nicely formed oak. Red pine is scattered and nicely formed, growing well=tall. | | | | | | | | | | | | | | |
| 42 | R 9 | M 2 | 42 | 93 | 14 | 160 | 62 | red pine | mature | Y | thinning | within 0-9 years | 1 | |
| comnts Fmd : Need to think about the hardwood regeneration. A lot of suppressed red pine trees. Stand was thinned in 89-90. Stand appears to have received two different treatments, in general stand west of trail has a lighter stocking than stand to the east. Also oak regen to the west appears to be younger. For both sides of trail there is greater percentage of poles in the south. Leave oak and other hardwoods scattered were possible. Release understory oak. Thin to residual BA of 90. Treat in YOE 2003. | | | | | | | | | | | | | | |
| 43 | W 6 | O 3 | 3 | 70 | 8 | 150 | 56 | white pine | mature | N | thinning | within 0-9 years | 1 | |
| comnts Fmd : Overall BA of stand is approximately 150 square ft/acre. Thin stand to 90 square ft/acre. White pine are not of great quality, however focus on leaving the highest quality WP poles along with some red and white pine sawlog sized trees for diversity. Remove Oak and aspen, while marking to leave a few larger oak throughout the stand for diversity and wildlife habitat. Protect oak regeneration when possible as there are areas of thicker regeneration. There are occasional WP saw sized individuals as well as red pine. Management objective is White Pine. Treat with stands 44, 46 and 3. (old) Pole stand with some trees reaching sawtimber size. Boring show stand being much younger (60 years old) than records indicated. Some old growth red pine and some pole size aspen. | | | | | | | | | | | | | | |
| 44 | O 9 | M 3 | 34 | 104 | 14 | 80 | 75 | oak | mature | Y | seed tree | within 0-9 years | 1 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | | |
| Influence zones | | | | | | | | | | | | | | |
| comnts Fmd : Seed Tree red and white oak, focusing on leaving the highest quality of both species. Target 30 BA for oak residual following harvest. Leave a few uncut islands, 1-3 acres in size along adjacent Oak rd for aesthetics and structural diversity. Leave all red and white pine 6" or less using caution while harvesting to protect advanced pine regeneration. Some white pine may need to be marked to cut in order to remove marked oak. Oak and white/red pine is the overall management objective, however due to areas of heavy, advanced red maple understory, along with portions of the stand that have a heavier aspen component, a mixed stand with all above mentioned species present in respectable numbers should be expected. WP in SW corner. Heavy understory of red maple and some oak with aspen being a major component of understory in open areas. Larger aspen is beginning to fall in aspen stand that runs n/s along WP stand (104) in SW corner of stand. (old) Extremely variable due to past cutting. Some areas were cut heavily with heavy regen resulting. Other areas are a mix of white pine and oak. White pine is quite poor quality with a high percentage showing weevile damage. Scattered red pine sawlogs of good quality. Some patch cutting was performed in the past (firewood theft) which resulted in good regen. | | | | | | | | | | | | | | |
| 46 | O 9 | M 3 | 37 | 105 | 16 | 100 | 57 | oak | mature | Y | seed tree | within 0-9 years | 1 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | | |
| Influence zones | | | | | | | | | | | | | | |
| comnts Fmd : Seed Tree with adjacent stand 44 to the north. Same prescription of leaving 30 BA of highest quality oak as well as islands of uncut areas along Oak rd, approximately 1-3 acres in size. Maintain smaller size class of red/white pine for diversity and aesthetics. Again, overall management objective is oak, however a mixture of species including red pine, white pine, red maple and aspen should be considered acceptable species once regeneration becomes established. Large red oak present. Some aspen in understory along with some good oak regen at edges and in open areas. Small WP/RP stand at western edge near 2-track could possibly be a separate stand, just north of stand 47. Do not cut any of these red/white pines as a number of them are 35"+ DBH and >100 yrs old. Heavy wildlife use in this isolated small stand. (old) Stand was thinned in the late 60 good regeneration of aspen, oak and red maple. More white oak in north. In north west coner mostly white pine logs. | | | | | | | | | | | | | | |
| 47 | W 9 | M 3 | 2 | 81 | 15 | 170 | 56 | white pine | mature | N | | 20-29 years | 0 | |
| comnts Fmd : NO MANAGEMENT AT THIS TIME. Stand planted 1925. /Isolated WP stand with a mixture of WP logs and poles. Scattered large red pine also present. Thick red maple understory with pockets of oak. Some balsam fir in understory as well. | | | | | | | | | | | | | | |
| 48 | O 8 | W 3 | 33 | 105 | 11 | 60 | 54 | oak | mature | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> | | | | | | | | | | | | | | |
| Scenic values/visual values | | | | | | | | | | | | | | |
| comnts Fmd : No evidence of recent thinning. Stand has scattered red and white pine logs throughtout . Scattered black locust in the understory. /Very mixed stand with some large red and white pine. | | | | | | | | | | | | | | |

* 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 | Age | A c r e s | avg. D | | Site Indx | Mgt Obj | Condition | Silv. Criteria Met? | Method Cut | Trtmt. Period | Harvest Priority | Cultural Need |
|---|------------------|-------------------------|-----|-----------|--------|---------|-----------|---|------------|---------------------|------------|---------------|------------------|---------------|
| | | | | | B H | Tot. BA | | | | | | | | |
| 51 | R 6 | F 3 | 28 | 114 | 10 | 70 | 52 | red pine | immature | Y | | 20-29 years | 0 | |
| <u>Treatment Limiting Factors:</u> Influence zones | | | | | | | | | | | | | | |
| comnts Fmd : All jack pine was harvested in 79. Some areas are heavier to red pine than other. Also took SI on red pine (61) /Multi-aged red pine with poor quality oak-limby. Some areas of thick white pine, planted. Changes to more dominant WP and more numerous fir and red maple between n/s 2-track and US 127, along with many indicators of wet soils. Powerline crosses wet swampy area, many areas in southern portion of stand and near powerline have standing water. | | | | | | | | | | | | | | |
| 66 | R 9 | M 3 | 8 | 86 | 18 | 110 | 62 | red pine | mature | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> Scenic values/visual values | | | | | | | | | | | | | | |
| comnts Fmd : BUFFER ZONE BETWEEN US-27 & MILITARY ROAD. Thinning removed essentially all oak and aspen leaving a stand of red pine with heavy red maple and aspen understory. REMOVE RED PINE NEXT ROTATON. /Scattered large red/white oak. Very thick red maple understory with some, not much, advanced oak regeneration. | | | | | | | | | | | | | | |
| 100 | I 9 | M 3 | 3 | 85 | 14 | 90 | 53 | local use | mature | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood) | | | | | | | | | | | | | | |
| comnts Fmd : Scotch Pine no stand code. Used old SI. Stand harvested 1990, scotch pine regeneration 2-3 feet tall. ?scattered white pine throughout. Scotch pine is just beginning to lose branches, some have fallen recently. | | | | | | | | | | | | | | |
| 101 | W 9 | W 3 | 7 | 105 | 14 | 130 | 63 | white pine | mature | Y | | 20-29 years | 0 | |
| <u>Treatment Limiting Factors:</u> Delayed to take advantage of exceptional site quality or growth | | | | | | | | | | | | | | |
| comnts Fmd : stand thinned 12/99. /WP with scattered large red pine and red oak. Provides good visual area at corner. | | | | | | | | | | | | | | |
| 103 | X 0 | X 0 | 4 | | 0 | 0 | | other non-stocked or non-forest or non-productive | nonstocked | N | | not scheduled | 0 | |
| comnts Fmd : A old borrow pit. /Lot's of stumps have been dumped in this location. | | | | | | | | | | | | | | |
| 104 | W 9 | M 3 | 15 | 74 | 14 | 140 | 54 | white pine | mature | N | | 10-19 years | 0 | |
| comnts Fmd : Stand was thinned removing predominatly all hardwoods resulting regen is quite heavy and up to 35 feet in height. /Thick hardwood understory. Lot's of large red maple with scattered, large red oak. Fair amount of aspen. | | | | | | | | | | | | | | |
| 105 | X 0 | X 0 | 1 | | 0 | 0 | | other non-stocked or non-forest or non-productive | nonstocked | N | | not scheduled | 0 | |
| comnts Fmd : a one acre opening which was used as a landing, for when stand 36 was thinned. Bare soil. | | | | | | | | | | | | | | |
| 106 | O 6 | M 3 | 6 | 38 | 8 | 80 | 52 | oak | immature | N | | 70-79 years | 0 | |
| comnts Fmd : Cut in 1968. Norway Spruce running east/west was left about 2 chains north of the south boundary road. Stand of Scotch pine was left along east side scattered red pine were also left with a major concentration in the northeast corner. Regen is approximatly the same density where overstory was removed, not as heavy where the residual was left. /Mixture, extremely variable, of oak aspen poles, red pine sawlogs, norway spruce of varied size and WP. Pockets of thick aspen, some good oak regen and some scattered scotch pine throughout. | | | | | | | | | | | | | | |
| 107 | O 9 | W 3 | 7 | 114 | 20 | 110 | 61 | oak | mature | Y | | 20-29 years | 0 | |
| <u>Treatment Limiting Factors:</u> Scenic values/visual values | | | | | | | | | | | | | | |
| comnts Fmd : All jack pine was harvested in 79. Some areas are heavier to red pine than other. Also took SI on red pine (61) /Good oak regen, heavily browsed with some advanced. Scattered red pine, poor quality aspen and fir. WP regen is relatively good. | | | | | | | | | | | | | | |
| 120 | R 6 | O 1 | 4 | 38 | 7 | 200 | 55 | red pine | immature | Y | | 50-59 years | 0 | |
| <u>Treatment Limiting Factors:</u> Scenic values/visual values | | | | | | | | | | | | | | |
| comnts Fmd : small red pine stand acting as a buffer zone along old U.S.-27. /Provides good buffer. | | | | | | | | | | | | | | |

GRAYLING FOREST MGT UNIT

Stand Level Information

Compartment: 194 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. | | | Mgt Obj | Condition | Silv. Criteria Met? | Method Cut | Trtmt. Period | Harvest Priority | Cultural Need |
|---|------------------|-------------------------|-------------|-----|------|---------|-----------|------------|-----------|---------------------|------------|---------------|------------------|---------------|
| | | | | | D | Tot. BA | Site Indx | | | | | | | |
| 122 | R 6 | X 0 | 4 | 38 | 7 | 110 | 55 | red pine | immature | N | | 50-59 years | 0 | |
| comnts Fmd : small red pine stand acting as a buffer zone along old U.S.-27. /Provides good buffer, currently not growing all that well. | | | | | | | | | | | | | | |
| 124 | W 5 | O 3 | 58 | 55 | 8 | 50 | 60 | white pine | sparse | N | | 20-29 years | 0 | |
| comnts Fmd : Harvested 1980, white and red pine poletimber. Oak and maple stumps have sprouted well 20 feet tall some oak seedlings are established. Good areas of A3 but spotty. /White pine beginning to self-prune nicely. Not great quality overall. Lot's of red maple stump sprouts, some oak stump sprouts-areas of nicely formed saplings 4-7' tall. Scattered balsam fir, currently providing nice thermal cover for numerous wildlife species. | | | | | | | | | | | | | | |
| 144 | W 6 | M 2 | 17 | 58 | 9 | 100 | 50 | white pine | immature | N | | 20-29 years | 0 | |
| <u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity | | | | | | | | | | | | | | |
| comnts Fmd : Extremely variable due to past cutting. Some areas were cut heavily with heavy regeneration. Other areas are an W8/Oak stand. The pine is quite poor quality with a high percentage showing weevile damage in the past. /Some areas of aspen. Large red/white pine present, heavy weevil damage on younger WP. Majority of stand is pole-sized WP. | | | | | | | | | | | | | | |
| 155 | O 7 | M 3 | 36 | 102 | 14 | 30 | 57 | oak | mature | Y | | 20-29 years | 0 | |
| <u>Treatment Limiting Factors:</u> Retention of stand for regeneration purposes (ie. shelterwood) | | | | | | | | | | | | | | |
| comnts Fmd : Stand harvested and completed Sept 2001. /Stand consists of past strip cuts that occurred in '78 and '01 and have now been combined into one stand. Variation exists throughout with red maple regeneration thick in areas that were clearcut. Pockets of aspen also exist in these more open areas and in some cases is quite thick. In strips that oak was thinned, maple continues to be the dominant species and is outcompeting the oak. Some pockets of white oak advanced regen are present. There is also scattered fir throughout this stand. | | | | | | | | | | | | | | |
| 224 | O 9 | W 3 | 17 | 101 | 14 | 70 | 55 | oak | mature | Y | | 10-19 years | 0 | |
| <u>Treatment Limiting Factors:</u> Influence zones | | | | | | | | | | | | | | |
| comnts Fmd : LEAVE AS TO COMPARTMENT REVIEW BECAUSE OF RESEARCH PLOTS. /Oak regen is heavily browsed. Areas of excellent WP regen, weevil damage currently not a factor throughout stand. Scattered fir in understory with occasional norway spruce. | | | | | | | | | | | | | | |
| Total Acres..... | | | 1265 | | | | | | | | | | | |