

\* 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. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	J3	G0	25	24	3	0	45	jack pine	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. J3 planted in opposing wave pattern in 1984 under W-0709-264, with most of the planting in Compt 268 to the west. Stand 2 to the south is also J3 but planted ~4 years earlier. Used previous SI. Old notes indicated to harvest in 2030.</p>														
2	J3	G0	106	28	4	0	45	jack pine	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. J3 planted in the opposing wave pattern. Is ~4 years older than stand 1 and its openings in the N &amp; E are closing in. The JP is generally just sub-merchantable, limby, with high taper. Records for the rest of the planting in Compt 268 indicate a 1980 planting. There is a 2-acre inclusion of mature JP poles in the stand's S-center. Portions of the stand's N end are within an MNFI-identified dry sand prairie natural community (candidate ERA). Used previous SI.</p>														
4	J5	U2	45	39	7	50	44	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. Merchantable JP was removed over most of the stand under 3 sales in 1973. Variable size and stocking in JP poles, mostly 1-3 sticks tall, with a minority component of mature poles 3-5 sticks tall, just sub-merchantable JP saps, and U/G inclusions common with brushy, open-grown JP. Stand primarily contains JP in its 30's and 40's, with a minor component of mature JP in its 50's. Set stand year of origin based on the 30 and 40 year old majority components. A lot of deer use, yarding and bedding down. The U understory is heavily browsed. The stand's SW has been identified by MNFI as being part of a dry sand prairie ERA. The south half of this area, per the '38 photos, appears to have been part of a large area of cleared pasturage for the sheep ranch to the west. The property was aquired in 1944. Stand 204 was split off from stand 4 and will be treated as part of the dry sand prairies restoration area. See locked comments.</p>														
5	J3	J3	39	29	4	0	49	jack pine	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. Old notes indicate that stands 5, 15 &amp; 115 were planted to JP in 1979 in what was then the "KW pattern": parallel wavy bands of planted JP 2-3 chains wide, alternating with non-stocked bands 1.5-2 chains wide. The unplanted bands were separated out as stand 405. That part of the planting E of Shupac Lake Road is separated out as stands 15 &amp; 115 because that area falls within a different warbler block, #50. Both stands contain small pockets of older JP poles that were planted around. Most of the planted JP is just sub-merch, limby with high taper. Used adjacent stand 16's SI. See locked comments.</p>														
8	J6	U2	16	42	7	70	46	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. Small JP stand surrounding wetland stand 108. Multiple age classes of JP poles with the oldest cohort in the saw class. Developed over several decades from a few trees left in the 30's. Stocking is variable, stems are generally 2-3 sticks, open-grown form is common, and there are U &amp; aspen inclusions, especially near stand 108. Stand year of origin is based on what appears to be the dominant age class.</p>														
9	J3	J3	267	5	0	0	45	jack pine	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Cut in 2001 under 720160001. Was contract furrow-seeded in 2002 under FTP W72-460. The seeding largely failed, so the area was hand-planted in 2003 under the same FTP. There is a minor amount of weevil damage and individual seedling mortality, and the trees are looking a bit a-chlorotic this time of year, but overall health and stocking are good. Nearly 3-dozen deer encountered mid-day. Browse is evident on the JP but not epidemic; they're mainly hitting the cherry and oak regen. A portion of the original vortex remains in the stand's N-center. The rest of the leave strip to the S &amp; E was inadvertently bulldozed prior to planting. Grass groundcover, sweetfern present. Snowmobile trail runs through the stand on a seasonal county road. SI is a composite of the previous stands' that made up the cutting block. See locked comments.</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								
11	J6	U 2	19	54	8	80	53	jack pine	old growth (potential or actual)	N	final harvest	within 0-9 years	2	natural regeneration
<p>comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Multiple-aged JP pole stand, filled in over decades. The N1/3 of the stand is more open, with overmature JP saw and poles, more RP of all ages and size classes, scattered large oak, and clumps of poor-quality TA stems. A driveway crosses through the stand's N end to a cabin on private. The apparent property line had been cleared. There are some nice large oak saps to the N, but the understory overall is browsed U. Aged stand based on the "younger" majority component in the stand's S 2/3. Cut all merchantable JP and TA. Leave all else, with the goal of achieving mixed natural regen: pine, aspen and oak. Retention will be all RP and oak, and all JP and aspen regeneration.</p>														
13	J6	U 3	4	63	8	110	44	jack pine	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Influence zones</p> <p>comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Narrow strip of JP planted along the CR612 corridor. Less than 10 BA Scotch pine was included in the planting; it has surprisingly good form. JP is mature and the suppressed poles are dying out. There are a few old RP that were planted around. The understory has some oak saps, but nowhere near O1, and the U3 is browsed low. Stands 18 &amp; 19 are more of the same planting. Used stand 18's SI.</p>														
15	J3	J 3	17	29	4	0	49	jack pine	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Old notes indicate that stands 5, 15 &amp; 115 were planted to JP in 1979 in what was then the "KW pattern": parallel wavy bands of planted JP 2-3 chains wide, alternating with non-stocked bands 1.5-2 chains wide. The unplanted bands were separated out as stand 405. That part of the planting W of Shupac Lake Road is separated out as stand 5 because it is within a different warbler block, #49. Both stands contain small pockets of older JP poles that were planted around. Most of the planted JP is just sub-merch, limby with high taper. Used adjacent stand 16's SI. See locked comments.</p>														
16	J6	U 1	105	45	7	70	49	jack pine	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Variable stocking, multiple-aged JP stand that has been filling in over decades from a few pioneer saw (mostly cull or dead now). Merchantable JP were removed over parts of the stand in 1973 under #42-73. Because of the way the stand developed, open-grown form is common, along with U/G inclusions that haven't been completely colonized yet. The stand just barely made J6; half of the plots typed out as J5 and half as J6. It appears that a majority of the regen established about 40 years ago, but there are obviously older and younger components mixed in. Two areas in particular may have been established around the same time as stand 18. These areas, between the S1/2 of stand 26 and stand 18, and in this stand's SE, have denser, older JP poletimber. The stand's SW peninsula also has older JP poles and saw, along with aspen, scattered large oak, and nice advanced oak regen. Oak regen over much of the rest of the stand has been heavily browsed. There is a lot of deer use within the stand. They were bedding down in the denser poletimber and digging down to the groundcover in the small openings. Used the previous year of origin; taking into account this YOE's and previous core samples, it is a reasonable attempt at describing this multiple-aged stand's median age.</p>														
18	J6	U 2	16	63	8	110	44	jack pine	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Influence zones</p> <p>comnts Fmd : Lovells KW mgmt unit, blocks #50 &amp; 51, HCVA. Narrow strip of JP planted along the CR612 corridor. Less than 10 BA Scotch pine was included in the planting; it has surprisingly good form. JP is mature and the suppressed poles are dying out. The understory has some oak saps, but does not average O1, and the U2 is browsed low. Stands 13 &amp; 19 are more of the same planting.</p>														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
19	J6	U3	13	63	8	120	44	jack pine	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Influence zones</p> <p>comnts Fmd : Lovells KW mgmt unit, blocks #50 &amp; 51, HCVA. Narrow strip of JP planted along the CR612 corridor. Scotch pine was included in the planting; it has surprisingly good form. JP is mature and the suppressed poles are dying out. The understory has some oak saps, but does not average O1, and the U3 is browsed low. Stands 13 &amp; 18 are more of the same planting. Used stand 18's SI. For visual management relative to the pine barrens ERA restoration, 2 acres each of stands 25's &amp; 33's jack pine types were split off and incorporated into stand 19's boundary.</p>														
20	R9	U3	1	85	16	150	58	red pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Small pocket of RP saw along CR612. Skirts tag alder swale to E. Most of the trees have heavy limbs &amp; poorly-healed branch scars. Doubles and crook are common. A few overmature JP &amp; TA are scattered within. The stand borders recently-regenerated A3 to the N &amp; E. Leave for age class/species/vertical diversity.</p>														
21	A3	A3	51	5	0	0	65	aspen (upland)	mature	N		50-59 years	0	
<p>comnts Fmd : The N 2/3's of the stand was cut under 720480001 by spring 2002. The type and sale extended east into compt 273. The contract holder went out of business before finishing the sale, so the S 1/3 was cut under sale 720010401 by spring 2005. A3 (TA) with a few scattered SCRPs. There is low ground along most of the stand's margins, especially to the south. Aspen shares that low ground with tag alder. A lot of deer traffic. Stand year of origin is averaged based on the two harvests. Used Stand 31's SI.</p>														
25	J6	U2	34	55	8	80	50	grass	old growth (potential or actual)	N	final harvest	within 0-9 years	1	opening maintenance
<p>comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Mostly mature JP poles with JP saw in the same age class and also a minor overmature cull saw class. Inclusions of open-grown, younger J4 and also J3 occur along the stand's N, E &amp; S edges. JP sawtimber was removed over the N part of the stand in 1968 under #42-68. Snowmobile trail runs through the stand. Portions of the stand are within an MNFI-identified pine barrens natural community (a candidate ERA) that has been shrinking over time due to fire suppression and colonizing jack pine. Draft ERA management recommendations for the pine barrens include restoring and enhancing the ERA by harvesting, not replanting, and prescribed burning ERA stands and adjacent encroaching stands. To address visual management concerns relative to CR 612, 2 acres of stand 25 were delineated out and included as part of the planted roadside buffer stand 19, and approx. 4 acres will be left in retention islands. Design harvest specs &amp; Rx burn plan to address pine barrens plant &amp; animal species concerns. See locked comments.</p>														
26	L3	L3	12			0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Lowland brush with narrow flooded channels. Salix, spirea, swamp birch, &amp; red-osier dogwood. A few JP scattered across. A narrow ring of TA (ranging in size from regen to cull saw) on the sideslopes is included in the stand boundary.</p>														
27	J6	U2	6	59	8	80	50	jack pine	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage</p> <p>comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Mixed stand of RP &amp; JP: JP poles with RP saw scattered overhead and in pockets. Some nice oak saps below, but generally U understory. Given its small size, harvest when the adjacent stand 16 is cut.</p>														
28	L3	L3	1			0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. Small wetland with salix, woolgrass. Ringed by TA on the sideslopes.</p>														

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					B	Tot. BA								
30	C 6	S 1	52	90	8	130	40	cedar	mature	N		20-29 years	0	
<p>comnts Fmd : Cedar poles with saw mixed in, opener areas with tag alder, spruce and balsam fir. Two narrow streams start from the old railroad grade's ditches and flow east into the swamp. Heart rot common in the larger cedar poles and saw. Deer traffic confined to trails. Did not see evidence of bedding down or feeding as was encountered in the compartment's upland types. Cedar growing extremely slow. Interior rot prevented getting a complete age. Used previous SI.</p>														
31	A 6	U 2	22	44	7	90	65	aspen (upland)	mature	N	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Aspen pole stand with 10 BA just moved into the saw class and a scattered component of very overmature stems. Old notes indicate "in period 1959 to 1967 KG blade treatment was done". TA on higher ground to the W and lower ground to the E along the swamp edge. A few SCRP near the swamp. Tag alder swale inclusions. A snowmobile trail runs the length of this long, narrow stand. Hypoxylon and false tinder fungus are present but not yet widespread. Harvest to maintain the aspen before the fungal diseases seriously impact stand vigor. See locked comments. Retention: leave 2 half-acre islands of aspen, and the few super-canopy red pine along the swamp edge. Drop adjacent line trees into the swamp for horizontal cover if WLD deems appropriate.</p>														
32	J 3	J 3	9	25	4	0	44	grass	old growth (potential or actual)	N	final harvest	within 0-9 years	1	opening maintenance
<p>comnts Fmd : Lovells KW mgmt unit, block #51, HCVA. JP planted ~1982. Opposing wave pattern visible at S end. The stands's N end picks up pockets of older saps/small pole JP that have been filling in the adjacent G stand 410. Stand is within an MNFI-identified pine barrens natural community (a candidate ERA) that has been shrinking over time due to fire suppression and colonizing jack pine. Draft ERA management recommendations for the pine barrens include restoring and enhancing the ERA by harvesting, not replanting, and prescribed burning ERA stands and adjacent encroaching stands. To address visual management concerns relative to CR 612 and the snowmobile trail, a 1.5 acre retention island will be left. Design harvest specs &amp; Rx burn plan to address pine barrens plant &amp; animal species concerns. Used stand 40's SI.</p>														
33	J 6	U 2	15	61	8	110	41	grass	old growth (potential or actual)	Y	final harvest	within 0-9 years	1	opening maintenance
<p>comnts Fmd : Lovells KW mgmt unit, block #51, HCVA. Mature JP poles with the oldest stems dying out. A pocket in the south end and portions along stand 19 look like they were established around the same time as stand 19. There are inclusions of stand 40's younger, less-dense JP type along the E &amp; S edges; the two stands grade into each other. The stand is adjacent to an MNFI-identified pine barrens natural community (a candidate ERA) that has been shrinking over time due to fire suppression and colonizing jack pine. Draft ERA management recommendations for the pine barrens include restoring and enhancing the ERA by harvesting, not replanting, and prescribed burning ERA stands and adjacent encroaching stands. To address visual management concerns relative to CR 612, 2 acres of stand 33 were delineated out and included as part of the planted roadside buffer stand 19. Design harvest specs &amp; Rx burn plan to address pine barrens plant &amp; animal species concerns. See locked comments.</p>														
34	J 3	J 3	20	5	0	0	45	jack pine	old growth (potential or actual)	N		40-49 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #51, HCVA. Cut in 2001 under 720160001. Trenched and planted to JP in 2003 under FTP C72-461. A lot of deer activity, browsing the oak &amp; cherry (minor amount on the JP) and digging down to the groundcover. Some oak is above the browse line. Used previous SI.</p>														
35	A 3	A 3	12	17	1	0	58	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Cut in 1990 under 720019001. Aspen regen, unthrifty looking, with knobby branches. Nice oak saps mixed in, especially in the SW. Tiny L3 in the far NW. Tag alder inclusion N of Z stand 37. Used previous SI.</p>														
36	O 9	M 1	29	90	14	130	57	oak	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u>                  Delayed treatment for age/size class diversity                  Influence zones</p> <p>comnts Fmd : Mixed oak/pine stand with roughly half the BA in oak and the rest in RP, WP, JP and aspen. The RP &amp; WP includes large super-canopy trees, small-medium saw, poles and regen. Thick WP regen south of Little Shupac Lake (stand 37), localized pockets of A3, U, and RM regen. Heavy deer browse on the maple regen. Good overall health in the oak. The stand completely surrounds Little Shupac Lake. Used previous SI.</p>														

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					B	Tot. BA								
37	Z 0	Z 0	9				0	water	nonstocked	N		not scheduled	0	
comnts Fmd : Little Shupac Lake. Open water with L3 and marsh grasses at margins and in SW lobe. Has informal trail-end boat launch at SE end, accessed from CR612.														
40	J 5	J 1	41	36	6	60	44	jack pine	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Lovells KW mgmt unit, block #51, HCVA. Variable stocking JP stand that is still in process of filling in what was originally a large grassy opening. J4/J5 with U/G inclusions. Mostly 1-2 stick JP (30-40 years old), with smaller components of just-sub-merch stems and older 3-stick poles. A portion of the type's N peninsula (split out as stand 140) is within an area identified by MNFI as a pine barrens natural community (a candidate ERA) that has been shrinking over time due to fire suppression and colonizing jack pine. Draft ERA management recommendations for the pine barrens include restoring and enhancing the ERA by harvesting, not replanting, and prescribed burning ERA stands and adjacent encroaching stands. Stand 140 was split out to be treated in that manner. See locked comments.														
41	J 5	U 2	14	53	7	60	43	grass	old growth (potential or actual)	N	final harvest	within 0-9 years	1	opening maintenance
comnts Fmd : Lovells KW mgmt unit, block #51, HCVA. Mature JP poles: J6 with J4/J5 inclusions. Portions may have been planted. Deer bedding down within the stand and moving out to the adjacent U/G types to dig down and browse the groundcover. U2 understory heavily browsed. The stand is adjacent to an MNFI-identified pine barrens natural community (a candidate ERA) that has been shrinking over time due to fire suppression and colonizing jack pine. Draft ERA management recommendations for the pine barrens include restoring and enhancing the ERA by harvesting, not replanting, and prescribed burning ERA stands and adjacent encroaching stands. Design harvest specs & Rx burn plan to address pine barrens plant & animal species concerns. Retention is adequately covered in adjacent stands. See locked comments.														
42	J 3	J 3	7	24	4	0	43	jack pine	old growth (potential or actual)	N		20-29 years	0	
comnts Fmd : Lovells KW mgmt unit, block #51, HCVA. JP planted around 1984. Gaps in rows with older resid JP stems. Some of the planted stems make a stick, but overall the stand is sub-merch. Snowmobile trail runs along the E side of this stand.														
43	U 1	U 1	4		1	0	43	upland brush	nonstocked	N		not scheduled	0	
comnts Fmd : U-type between snowmobile trail and swamp. Mostly cherry, the young stems browsed low, and salix. Grades into Q/L to E.														
45	X 0	X 0	10				0	other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
comnts Fmd : CR612 cleared corridor.														
104	U 1	U 1	4	35	1	0	44	grass	old growth (potential or actual)	N		within 0-9 years	0	opening maintenance
comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. U/G inclusion in stand 204: cherry, amelanchier & hawthorn with scattered brushy JP poles and regen. Diffuse boundary with stand 204. A portion of the stand is within an area MNFI identified as a dry sand prairie natural community (a candidate ERA) that has been shrinking over time due to fire suppression and colonizing jack pine. Draft ERA management recommendations for the dry sand prairie include restoring and enhancing the ERA by harvesting, not replanting, and prescribed burning ERA stands and adjacent encroaching stands. Stand year of origin set to 1973 harvest.														
108	L 3	L 3	8				0	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. Lowland brush, primarily salix and tag alder, with off-site JP and TA within it and along the margins.														

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					B	Tot. BA								
115	J3	J3	28	29	4	0	49	jack pine	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Old notes indicate that stands 5, 15 &amp; 115 were planted to JP in 1979 in what was then the "KW pattern": parallel wavy bands of planted JP 2-3 chains wide, alternating with non-stocked bands 1.5-2 chains wide. The unplanted bands were separated out as stand 405. That part of the planting W of Shupac Lake Road is separated out as stand 5 because it is within a different warbler block, #49. Both stands contain small pockets of older JP poles that were planted around. Most of the planted JP is just sub-merch, limby with high taper. Used adjacent stand 16's SI. See locked comments.</p>														
116	R9	U1	5	55	14	80	55	red pine	old growth (potential or actual)	N		20-29 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. A handful of fire-scarred super-canopy RP were the start of this stand: mostly small-to-medium RP saw, with RP poles of varying sizes and a few saps, JP poles mixed in. Borders wetland stand 26. The stand year of origin was set to reflect the most common RP component in this multiple-aged stand.</p>														
121	A6	U2	4	39	7	120	49	aspen (upland)	immature	N		10-19 years	0	
<p>comnts Fmd : Originally part of stand 21, but was not included in the 2002 harvest boundary. Lies SE of the former railroad grade. Mostly TA poles with a few overmature stems and a little bam along the grade. Aside from grade edge, this pocket of aspen is surrounded by L &amp; Q. Decent health, considering the low ground. Used previous SI.</p>														
135	A3	A3	3	17	1	0	58	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Cut in 1990 under 720019001. Aspen regen bordering L type to W. A few NPO saw and RP at the N end. Used stand 35's SI.</p>														
137	L3	L3	1				0	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Narrow swale ~3 chains NE of Little Shupac Lake. Dense tag alder with a small amount of open marsh grass in the center.</p>														
140	J5	J1	16	36	6	60	44	grass	old growth (potential or actual)	N	final harvest	within 0-9 years	1	opening maintenance
<p>comnts Fmd : Lovells KW mgmt unit, block #51, HCVA. Variable stocking JP stand that is still in process of filling in what was originally a large grassy opening. J4/J5 with U/G inclusions. Mostly 1-2 stick JP (30-40 years old), with smaller components of just-sub-merch stems and older 3-stick poles. A portion of the type's N peninsula (split out as stand 140) is within an area identified by MNFI as a pine barrens natural community (a candidate ERA) that has been shrinking over time due to fire suppression and colonizing jack pine. Draft ERA management recommendations for the pine barrens include restoring and enhancing the ERA by harvesting, not replanting, and prescribed burning ERA stands and adjacent encroaching stands. Stand 140 was split out to be treated in that manner. Design harvest specs &amp; Rx burn plan to address pine barrens plant &amp; animal species concerns. To address visual management concerns relative to CR 612 and the snowmobile trail, 5 acres in retention islands will be left. As part of the ERA management plan, consider closing the two-tracks within the pine barrens area. See locked comments.</p>														
204	J5	U2	63	39	7	50	44	grass	old growth (potential or actual)	N	final harvest	within 0-9 years	1	opening maintenance
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. Merchantable JP was removed over most of the stand under 3 sales in 1973. Variable size and stocking in JP poles, mostly 1-3 sticks tall, with a minority component of mature poles 3-5 sticks tall, just sub-merchantable JP saps, and U/G inclusions common with brushy, open-grown JP. Stand primarily contains JP in its 30's and 40's, with a minor component of mature JP in its 50's. Set stand year of origin based on the 30 and 40 year old majority components. A lot of deer use, yarding and bedding down. The U understory is heavily browsed. The stand's SW has been identified by MNFI as being part of a dry sand prairie ERA. The south half of this area, per the '38 photos, appears to have been part of a large area of cleared pasturage for the sheep ranch to the west. The property was aquired in 1944. Stand 204 was split off from stand 4 and will be treated as part of the dry sand prairie restoration area by harvesting and prescribed burning the stand. Design harvest specs &amp; Rx burn plan to address dry sand prairie plant &amp; animal species concerns. See locked comments.</p>														

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					B	Tot. BA								
400	G 0	G 0	25			0		grass	old growth (potential or actual)	N		within 0-9 years	0	opening maintenance
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. Remnant of a large opening that grades into the adjacent encroaching JP stand 204 and has small pockets of JP poles that couldn't practicably be included in stand 204's boundary. Sweetfern and grass groundcover with scattered amelanchier clumps, JP regen (short, brushy), and small patches of unthrifty TA regen. Well site on W edge. The stand's south end, per the '38 photos, appears to have been part of a large area of cleared pasturage for the sheep ranch to the west. The property was aquired in 1944. The stand is within an area MNFI identified as a dry sand prairie natural community (a candidate ERA) that has been shrinking over time due to fire suppression and colonizing jack pine. Draft ERA management recommendations for the dry sand prairie include restoring and enhancing the ERA by harvesting, not replanting, and prescribed burning ERA stands and adjacent encroaching stands. See locked comments.</p>														
401	G 0	G 0	6			0		grass	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. Remnant of a large opening that grades into the adjacent encroaching JP stand 4. Sweetfern and grass groundcover with short, brushy JP poles &amp; regen scattered across, and small patches of poor-health TA regen.</p>														
402	G 0	G 0	7			0		grass	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. Remnant of a large opening that grades into the adjacent encroaching JP stand 4. Sweetfern and grass groundcover with short, brushy JP poles &amp; regen scattered across, and small patches of poor-health TA regen.</p>														
403	G 0	G 0	3			0		grass	old growth (potential or actual)	N		within 0-9 years	0	opening maintenance
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. Separated from stand 400 by stand 4's colonizing JP. The stand is within an area MNFI identified as a dry sand prairie natural community (a candidate ERA) that has been shrinking over time due to fire suppression and colonizing jack pine. Draft ERA management recommendations for the dry sand prairie include restoring and enhancing the ERA by harvesting, not replanting, and prescribed burning ERA stands and adjacent encroaching stands. See locked comments.</p>														
404	G 0	G 0	4			0		grass	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. Opening with sweetfern groundcover, a scattering of old hawthorn clumps and colonizing JP. Part of the W end of what used to be an emergency landing airstrip. The rest of the airstrip was planted to JP (stand 2).</p>														
405	G 0	G 0	42			0		grass	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, blocks #49 &amp; 50, HCVA. Separated out from stands 5 &amp; 15 as the alternating unplanted bands. Sweetfern and grass groundcover with scattered brushy JP, patches of TA regen. See locked comments.</p>														
406	G 0	G 0	12			0		grass	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #49, HCVA. Sweetfern and grass groundcover with encroaching JP, cherry, &amp; scotch pine. A few large oak saw along the south edge, two of them witness trees for section 7's SW corner. The rest of the type crosses into C268 to the west. Six rows, ~3 chains long, were trenched (fireplow?) and planted to RP as a nursery for future Shupac Lake S.F.C.G. transplants. RP are 2-3' tall. The S two rows are pretty much vacant except for JP and scotch pine recruits. Per the '38 photos, this stand appears to have been part of a large area of cleared pasturage for the sheep ranch to the west. The property was aquired in 1944.</p>														
407	G 0	G 0	3			0		grass	old growth (potential or actual)	N		10-19 years	0	
<p>comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Opening with grass, sweetfern and encroaching young JP.</p>														

\* 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	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							
408	G 0	G 0	3			0	grass	old growth (potential or actual)	N		within 0-9 years	0	opening maintenance
comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Opening with sweetfern and encroaching brushy JP. Snowmobile trail cuts through. Within an area MNFI identified as a Pine Barrens (candidate ERA, management plan under development recommends harvest & Rx burn to maintain/restore the type). As part of the ERA management plan, consider gating the snowmobile trail (within the adjacent stand 19 and near the ERA's south end) to allow for off-season closure of the corridor.													
409	G 0	G 0	14			0	grass	old growth (potential or actual)	N		within 0-9 years	0	opening maintenance
comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Opening with sweetfern, widely-spaced clumps of salix and amelanchier, and encroaching shrubby JP (regen & short poles). Snowmobile trail cuts through. Within an area MNFI identified as a Pine Barrens (candidate ERA, management plan under development recommends harvest & Rx burn to maintain/restore the type). As part of the ERA management plan, consider closing the two-tracks within the pine barrens area. See locked comments.													
410	G 0	G 0	15			0	grass	old growth (potential or actual)	N		within 0-9 years	0	opening maintenance
comnts Fmd : Lovells KW mgmt unit, block #51, HCVA. Opening with sweetfern being colonized by JP (short, open-grown). Lost of deer use, digging down to the groundcover. Former wide railroad grade runs the length of it. A dozen or so massive tamarack, most likely planted, line the grade at the sw end (apparent on '38 photos). Snowmobile trail cuts through. Within an area MNFI identified as a Pine Barrens (candidate ERA, management plan under development recommends harvest & Rx burn to maintain/restore the type). As part of the ERA management plan, consider closing the two-tracks within the pine barrens area. See locked comments.													
411	G 0	G 0	2			0	grass	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Lovells KW mgmt unit, block #51, HCVA. Opening with sweetfern groundcover, short shrubby JP colonizing, and a patch of TA regen.													
412	G 0	G 0	1			0	grass	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Lovells KW mgmt unit, block #51, HCVA. Opening with sweetfern groundcover, short shrubby JP colonizing.													
413	G 0	G 0	2			0	grass	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Lovells KW mgmt unit, block #51, HCVA. Opening with sweetfern groundcover and encroaching JP. Former wide railroad grade runs through.													
414	G 0	G 0	3			0	grass	old growth (potential or actual)	N		within 0-9 years	0	opening maintenance
comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Opening with sweetfern. Few brushy JP, along with amelanchier and salix clumps. On promontory that extends into A3 stand with tag alder at the margins. Is within an area identified by MNFI as a Pine Barrens (candidate ERA, management plan under development recommends harvest & Rx burn to maintain/restore the type).													
415	G 0	G 0	4			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Opening used as a landing within stand 21's harvest boundary. Mostly sweetfern cover, some low ground.													
416	G 0	G 0	1			0	grass	old growth (potential or actual)	N		10-19 years	0	
comnts Fmd : Lovells KW mgmt unit, block #50, HCVA. Grassy opening with encroaching young JP. On N edge of A3.													

\* See "Compartment Packets Glossary of Terms" document link on web site for further descriptions and code definitions.

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							
417	G 0	G 0	1		0		grass	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Well site with knapweed cover. Within Lovells KW mngmt unit, block #49, HCVA. The spread of invasive exotic plants from the well sites into adjacent dry sand prairie/pine barrens types is a concern.													
418	G 0	G 0	1		0		grass	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Well site with knapweed cover. Within Lovells KW mngmt unit, block #49, HCVA. The spread of invasive exotic plants from the well sites into adjacent dry sand prairie/pine barrens types is a concern.													
419	G 0	G 0	1		0		grass	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Well site with knapweed cover. Within Lovells KW mngmt unit, block #49, HCVA. The spread of invasive exotic plants from the well sites into adjacent dry sand prairie/pine barrens types is a concern.													
420	G 0	G 0	1		0		grass	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Well site with knapweed cover. Within Lovells KW mngmt unit, block #50, HCVA. The spread of invasive exotic plants from the well sites into adjacent dry sand prairie/pine barrens types is a concern.													
421	G 0	G 0	1		0		grass	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : Fenced facility with a building, storage tanks & well site. Knapweed cover. Within Lovells KW mngmt unit, block #50, HCVA. The spread of invasive exotic plants from the well sites into adjacent dry sand prairie/pine barrens types is a concern.													
<b>Total Acres.....</b>			<b>1305</b>										