

* 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	Acrs	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	A 6	A 1	24	25	8	90	46	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Stand is a mixture of A1-J1-O1														
2	J 4	J 3	28	23	4	10	50	jack pine	immature	N		30-39 years	0	
comnts Fmd : scattering of other species within stand														
3	R 9	U 1	1	119	23	90	60	red pine	mature	Y		10-19 years	0	
Treatment Limiting Factors: Potential or designated old growth														
comnts Fmd : OLD GROWTH-VISUAL MANAGEMENT														
4	Z 0	Z 0	7			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : A portion of Noodles Lake														
5	A 3	A 1	20	23	3	0	49	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : STAND HAS A TRACE OF R4														
6	J 3	J 3	44	23	3	30	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : 2009 Notes: Stand is an immature Jack Pine stand (planted) with some scattered Red Pine and Jack Pine in the overstory.,														
7	O 9	O 2	9	94	12	90	46	oak	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : 2009 notes: Small stand of Oak, Jack Pine and Red Maple mixed. Oak understory. Stand borders private to the north and Richardson Road to the east. Recommend final harvest. Stand may be too small to harvest by itself and should be added with another stand to be harvested. Also, may be too small to include retention. Stand should regenerate naturally to a mixed stand.														
8	O 5	J 1	15	23	4	60	48	oak	immature	N		40-49 years	0	
comnts Fmd : 2009 Notes: Stand is a mixture of oak, aspen, jack pine, and scattered RP logs. East side of stand borders Richardson Road.														
9	R 9	J 3	51		12	130	53	red pine	unevenaged	N		40-49 years	0	
comnts Fmd : 2009 Notes: Featuring the overstory stand this entry year. However, was a immature Jack Pine stand last entry year (J3). The stand is of a mixed age. Merchantable Red Pine was left along with small Jack Pine, when stand was cut in 1992. Understory includes large pockets of J3. It also includes pockets of merchantable Jack Pine and pockets of Aspen mixed with the merchantable Red Pine. East side of stand borders Richardson Road. Old notes: Stand is a mixed age - Merchantable RP and small JP left during sale of 1992; plus natural JP regeneration after the sale														
10	J 4	J 2	99	27	4	20	52	jack pine	immature	N		40-49 years	0	
comnts Fmd : Contains MSU research spacing plots for white pine weevil study on jack pine.														
11	O 2	J 2	42	16	0	0	51	oak	immature	N		50-59 years	0	
comnts Fmd : 2009 Notes: Immature Jack Pine stand (natural) with Oak regeneration also scattered throughout stand. Aspen, Cherry and some Red Pine/Jack Pine pole timber scattered throughout stand(10-20BA). Old notes: Stand is mixture of O2-J2-A1. Delineate when photos are available.														
12	O 2	J 1	33	5	1	0	51	oak	nonstocked	N		10-19 years	0	
comnts Fmd : 2009 Notes: Stand is an immature Oak, Jack Pine and Aspen stand that is not fully stocked. May need to be planted. Check with the silviculturalist. Old notes: Timber sale # 72-047-01-01 (Richardson Road Jack Pine). Cut by T. R. Timber in 2004. An FTP has been submitted to artificially regenerate any areas that do not regenerate naturally. 11/24/2004 mm														

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					B	Tot. BA								
13	O2	O1	7	24	2	0	47	oak	sparse	N		50-59 years	0	
14	J3	J3	23	23	3	0	51	jack pine	immature	N		40-49 years	0	
15	J3	J3	17	26	3	0	51	jack pine	immature	N		40-49 years	0	
16	R6	R1	20	26	7	100	50	red pine	immature	N		30-39 years	0	
17	R9	O2	12	84	13	130	52	red pine	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity comnts Fmd : Understory is a mix of JP which established after sale of 1992, and advanced Oak</p>														
18	A6	R1	6	26	7	90	50	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : 2009 Notes: Large pocket of Aspen over topped Red Pine plantation.</p>														
19	J6	O2	76	74	9	120	51	jack pine	mature	Y	final harvest	within 0-9 years	1	planting
<p>comnts Fmd : 2009 Notes: Jack Pine stand with some scattered Oak, Aspen and Red Pine. Recommend final harvest and replant to Jack Pine. Old notes: "Hold until 2011 then CC and plant or seed."</p>														
20	J3	J3	41	26	3	0	52	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : Contains MSU research spacing plots for white pine weevil study on jack pine.</p>														
21	O3	A2	77	8	1	0	49	oak	immature	N		10-19 years	0	
<p>comnts Fmd : 2009 Notes: Immature Oak stand with large pockets of Aspen regeneration. Old Notes: Mix of Oak-Aspen both declining in health. Manage for both. Consult with Bielecki to review for possible frost pocket concerns. Stand was harvested in spring of 2004 (Nancy Brown Road Oak 720370101)</p>														
22	A3	M2	51	17	3	0	47	aspen (upland)	immature	N		50-59 years	0	
<p>comnts Fmd : 2009 Notes: Immature Aspen stand. Used old site index. Stand's east side borders Centerline Road.</p>														
23	O5	A3	106	99	9	50	47	oak	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity comnts Fmd : 2009 Notes: Stand was cut last entry year. Stand is an Oak shelterwood cut with a heavy understory of Apen.5-spot. This stand was changed to a full shelterwood and not a 5 spot patch cut. Harvested in summer of 2003. Timber sale #72-039-01-01 Nancy Brown Shelterwood.</p>														
25	A6	M2	4	74	9	80	51	aspen (upland)	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity comnts Fmd : Stand was to be part of stand 21 cut last entry year, but was not cut. Leave for diversity</p>														

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					B	Tot. BA								
26	O 3	A 2	74	26	3	40	47	oak	immature	N		50-59 years	0	
comnts Fmd : leave spur open off county roads for parking, keep road closure visble. MUCC wants a record kept of complaint and call on roads.														
27	R 9	O 2	32	54	12	120	60	red pine	immature	N	thinning	within 0-9 years	1	
comnts Fmd : 2009 Notes: Red Pine stand of varying density. Pockets of smaller Red Pine poles scattered throughout stand. Some Aspen, Oak and White Pine scattered within the stand. East side of stand smaller in diameter with Jack Pine scattered throughout it. Understory of Oak and Cherry of medium density. Ground cover consists of Braken Fern over Blueberry. Recommend thinning or shelterwood cut. Thin to 90 BA. Old notes: "Remove O & JP. Retain 10 BA of oak scattered throughout the stand. Stand variable density - treat with adjacent stands."														
28	A 6	M 2	50	41	8	100	48	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : mixed stand - manage for both Aspen/Hardwoods. Aspen cut in 1968 leaving oak mast trees. Leave spur open off county roads for parking, keep road closure visible. MUCC wants a record kept of call on road closure.														
29	A 6	M 1	109	24	6	80	50	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Close trail through stand														
30	A 5	M 2	26	23	4	50	52	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Stand has a scattering of merchantable species.														
31	A 3	A 1	6	17	3	0	47	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : 2009: Immature Aspen stand. Stand borders Centerline Road.														
32	O 2	A 2	36	18	2	0	46	oak	immature	N		40-49 years	0	
33	J 2	O 2	9	17	2	0	52	jack pine	immature	N		10-19 years	0	
comnts Fmd : Stand was part of stand 17 last entry year. Stand was cut in 1992. Stand is and mix of J2/O2.														
34	R 9	W 2	86		12	70	57	red pine	unevenaged	N		within 0-9 years	0	natural regeneration
comnts Fmd : Distribute 100 ft. X 300 ft openings throughout stand, not to exceed 25% of the stand area. Thin remainder to 70 BA. Work with Bielecki on this stand. Harvested in spring of 2004 (720380101 Nancy Brown Selection) Recommend underburn when stand 37 to the north is underburned.														
35	J 4	J 1	4	38	6	30	50	jack pine	immature	N		30-39 years	0	
36	A 6	A 1	19	39	8	90	52	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : Originally an Oak stand with Aspen understory. Aspen has grown into merchantable size, and now dominates the stand. (1998 T.E.)														
37	R 9	M 3	59	119	13	130	60	red pine	two aged	Y	shelterwood-seed	within 0-9 years	1	
comnts Fmd : 2009: Red Pine/White Pine stand mixed with Oak, Red Maple and some Aspen. Somewhat of an heavy hardwood understory (Red Maple). ORV trail traverses through the stand. Recommend heavy shelterwood cut(leave about 40-50BA), followed by an underburn. Should leave heavier along ORV trail. Try for natural Red Pine following the burn. Will except a combination of other species for regeneration. Red Maple/Aspen competition will play a major role in what ever happens within this stand. Old notes: CC in 2011 and replant to Red Pine														

GRAYLING FOREST MGT UNIT

Stand Level Information

Compartment: 11

Entry Year: 2011

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Stand	Cover Type-Size 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								
38	R 5	R 2	14	26	7	60	50	red pine	immature	N		20-29 years	0	
comnts Fmd : 2009 Notes: Red Pine plantation with scattered natural Jack Pine. Also, scattered Red Pine sawtimber scattered throughout stand. East side of stand borders Centerline Road. Old Notes: R3 stand with natural JP regen and a scattering of Red pine logs throughout the stand.														
39	A 6	O 1	31	33	8	90	46	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : 2009 Notes: Aspen stand mixed with Jack Pine. Oak in understory. 33yr old Quaking Aspen. Some scattered Red Pine sawtimber. Old notes: Stand a mixture of A2-R1-J1														
40	J 3	J 3	117	5	1	0	48	jack pine	immature	N		40-49 years	0	
comnts Fmd : 2009 Notes: Jack pine plantation with scattered pockets of Oak and Aspen natural regeneration. Old notes: CC and replant. Cut in winter/spring 2002; Sale # 72-036-01-01; Farrington Road Jack Pine. FTP created to plant to jack pine. 06/26/2002 mm 49 acres of the 113 acres were trenched and planted in accordance to FTP C72-469 in 6/2004. Natural regeneration established in remaining portion - check next inventory.														
41	J 6	O 1	21	52	8	100	45	jack pine	mature	N	final harvest	within 0-9 years	1	planting
comnts Fmd : 2009 Notes. Recommend final harvest with standard retention. Replant to Jack Pine following harvest.														
42	A 3	M 3	24	18	3	0	51	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Immature Aspen stand														
43	J 3	J 3	45	18	3	0	51	jack pine	immature	N		50-59 years	0	
comnts Fmd : Immature Jack Pine stand (planted)														
44	J 6	J 1	58	83	8	100	51	jack pine	immature	Y	final harvest	within 0-9 years	1	planting
comnts Fmd : 2009 Notes: Mature Jack Pine stand with some scattered Oak and Red Pine within the stand. Stand could be harvested this year of entry with retention and green up considerations. Old notes say hold until 2011 in order to regulate JP ages. Stand is healthy looking and might hold a few more year, but might not make another ten year without losing volume.														
45	J 5	G 0	26	23	6	40	52	jack pine	immature	N		20-29 years	0	
46	W 9	W 1	51	64	11	140	57	white pine	immature	N		10-19 years	0	
47	R 9	W 1	25	64	12	170	51	red pine	immature	N		10-19 years	0	
48	J 6	A 1	9	50	9	70	48	jack pine	mature	N		10-19 years	0	
comnts Fmd : Part of this stand was stand 21 last entry and part of it was stand 24. The south part is in a hole with Aspen and jack pine mix and the old stand 24 is almost pure Jack Pine.														
49	O 9	M 1	8	39	12	130	52	oak	immature	N		10-19 years	0	
comnts Fmd : Originally an Oak stand with Aspen understory. Aspen has grown into merchantable size, and now dominates the stand. (1998 T.E.)														
51	J 4	J 1	8	52	7	30	45	jack pine	immature	N		20-29 years	0	

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					B	Tot. BA								
55	A 2	J 1	16	5	2	0	51	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : 2009 Notes: Stand regenerating naturally to Aspen and some scattered Oak and Jack Pine. Previous inventory was to manage for Jack Pine and replant if did not regenerate naturally. Overall, good regeneration of a mix of species. Do not plant, let advanced regeneration to continue to grow. Old notes.(Seed to jack pine. Stand 67 was added to this stand. Old comment). Timber sale # 72-047-01-01 (Richardson Road Jack Pine). Cut by T. R. Timber in 2004. An FTP has been submitted to artificially regenerate any areas that do not regenerate naturally. 11/24/2004 mm														
56	A 6	A 1	2	25	8	90	46	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Stand is a mixture of A1-J1-O1														
57	A 6	A 1	1	25	8	90	46	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : Stand is a mixture of A1-J1-O1														
58	Z 0	Z 0	1			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : A portion of Noodles Lake														
59	A 3	A 3	12	18	3	0	60	aspen (upland)	immature	N		40-49 years	0	
60	L 0	L 0	2			0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Marsh attached to Muskrat Lake														
61	J 6	G 0	5	23	6	90	52	jack pine	immature	N		20-29 years	0	
comnts Fmd : Jack Pine over pockets of J3. Some scattered Oak and Red Pine in the overstory.														
64	O 3	A 2	105	24	3	80	50	oak	immature	N		50-59 years	0	
comnts Fmd : 2009 Notes: Stand is an O3 over all, but has scattered pockets of A5/A6 throughout the stand. Stand also has pockets as well as scattered Red Pine throughout portions of the stand. Recommend some kind of treatment in 10 years, such as breaking out the larger patches of Aspen and treating them. Old notes: Close trail through stand; Mix of O2-A2														
65	R 8	J 2	14	23	12	60	51	red pine	immature	N		10-19 years	0	
comnts Fmd : 2009 Notes: Stand is a narrow strip of scattered Red Pine sawtimber with scattered Jack pine and Red pine pole timber with a J2 / Grass understory. Stand is an old fuel break. Old notes: FUELBREAK - maintain in non-pine species														
68	A 6	M 2	9	74	9	90	51	jack pine	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : 2009 Notes: Stand keyed out to be A6 this time, was a J6 last time. Stand is a mix of Aspen and Jack Pine. Recommend final harvest and replant to Jack Pine. Old notes: "Hold until 2011 then CC." Was part of the Nancy Brown Road Oak timbersale (720370101) but did not get cut before contract expiration.														
69	A 5	J 1	9	31	6	50	60	aspen (upland)	sparse	N	final harvest	within 0-9 years	1	
comnts Fmd : aspen poor condition														
71	J 0	J 0	134	5	0	0	55	jack pine	nonstocked	N		40-49 years	0	
comnts Fmd : (Evaluate two years after cutting for artificial regeneration needs. Where there is aspen, do not plant. CC and regenerate to JP where no natural regeneration is present. Old comment). Timber sale # 72-047-01-01 (Richardson Road Jack Pine). Cut by T. R. Timber in 2004. An FTP has been submitted to artificially regenerate any areas that do not regenerate naturally. 11/24/2004 mm														

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				Age	D B H								
401	G 0	G 0	2	0	0		grass	nonstocked	N		not scheduled	0	
402	G 0	G 0	3	0	0		grass	nonstocked	N		not scheduled	0	
403	G 0	G 0	2	0	0		grass	nonstocked	N		not scheduled	0	
404	G 0	G 0	1	0	0		grass	nonstocked	N		not scheduled	0	
405	G 0	G 0	2	0	0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Wildlife maintained opening													
406	G 0	G 0	4	0	0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Wildlife maintained opening													
407	G 0	G 0	9	0	0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : Sinkhole													
408	G 0	G 0	1	0	0		grass	nonstocked	N		not scheduled	0	
448	J 3	G 0	1	5	1	0 48	jack pine	immature	N		not scheduled	0	
comnts Fmd : Old wellsite (no name) trenched and planted over with Jack Pine.													
449	G 0	G 0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : wellsite (no name)													
450	G 0	G 0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : wellsite (St. Elmer D3-33)													
451	J 3	G 0	1	5	1	0 48	jack pine	immature	N		not scheduled	0	
comnts Fmd : Old wellsite (no name) trenched and planted over with Jack Pine.													
452	G 0	G 0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : wellsite													
453	G 0	G 0	1			0	grass	nonstocked	N		not scheduled	0	
comnts Fmd : Wellsite State Elmer A2-5													

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					D B H	Tot. BA								
454	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : wellsite State Elmer C2-5														
462	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : wellsite														
463	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : wellsite														
Total Acres.....			2102											