

* 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.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA	Site Indx							
1	J 3	J 3	20	13	3	0	58	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : Was commercially cut in Oct. 1990 by Holli Forest Products, Inc., permit # 05-88-01, "Bryan Creek Sharptail Block". Red & white pine was left. FTP C31-228 for spot herbiciding east part of stand, followed by disk trenching & contract hand planting of jack pine, which was done in May of 1993.</p> <p>Wld : Located in the NENE of Sec 19, northeast of County Rd and August George's driveway.</p>														
2	J 6	J 1	15	61	9	100	64	jack pine	mature	Y	final harvest	within 0-9 years	1	direct seeding
<p>comnts Fmd : Somewhat unevenaged but I used the oldest age class for data on this stand. Even the younger trees are merchantable. Holli Forest Products, Inc. cut the private adjacent land in the Fall of 2005.</p> <p>Wld : Located in the NWNE of Sec 19, for the most part.</p>														
3	J 5	J 1	17		9	40	60	jack pine	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Somewhat of an island of trees (mostly jack pine) within the large grass opening complex, and as such we will bow to Wildlife Division guidance for what they would like to see done here. Harvest trees or leave as is to include within any prescribed burning done here. Old charring at base of pines shows that fire moved through this patch in the recent past and did not kill most of the trees (a few were killed, but dead standing trees serve many wildlife purposes). Mostly uneven somewhat hilly terrain surrounding some potholes of vernal type ponds. Aspen in clones is a component also. Offers some scenic value to the area as well.</p> <p>Wld : Located in the S1/2NW of Sec 19.</p>														
4	R 6	R 1	3	32	6	140	60	red pine	immature	N	thinning	within 0-9 years	1	
<p>comnts Fmd : Private landowner to the north (Mr. Stahelin) planted this in trespass in 1974. Mark entire stand for thinning with consideration given for access by mechanized equipment. Presently an east-west single wire fenceline exists with DNR 1/4 corner in place, but verify accuracy of fence line when setting up sale.</p> <p>Wld : Located in the NWNE & NENW of Sec 19, north of trail road and adjacent to private land.</p>														
5	J 6	J 1	21	64	10	100	64	jack pine	mature	Y	final harvest	within 0-9 years	1	direct seeding
<p>comnts Fmd : Several different age classes of jack pine present, but generally the younger pine is nearer to the large grass opening complex. I tried to include most of the older pine in this stand to cut in 2008.</p> <p>Wld : Located in the N1/2NW of Sec 19, mostly north of trail road.</p>														
6	A 6	A 1	3	52	8	90	70	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
<p>Wld : Located in the NWNW of Sec 19, mostly north of trail road.</p>														
7	R 6	R 1	1	32	6	100	60	red pine	immature	N	thinning	within 0-9 years	2	
<p>comnts Fmd : See comments for stand 4 - same origin. But this patch seems to average smaller diameters. Thin in 2008 if feasible when adjacent timber is cut. Mark entire stand with thought given to mechanized harvesting. This was planted as a spill over from private land to the north and presently has a single wire fenceline east-west. Check accuracy of fence when setting up sale.</p> <p>Wld : Located in the NWNW of Sec 19, adjacent to Private.</p>														
8	N 0	N 0	1					marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Small marsh at bottom of pothole with tiny vernal pond within.</p> <p>Wld : Located in the SWNW of Sec 19.</p>														
9	N 0	N 0	2					marsh	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Two small interconnected marshes at bottom of pothole with tiny vernal ponds within.</p> <p>Wld : Located in the S1/2NW of Sec 19.</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
12	J 6	J 1	1	60	8	90	62	jack pine	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : A tiny island of pine in a large grass opening complex. Some mortality already. Cut with stand 2.</p> <p>Wld : Located in the SWNE of Sec 19.</p>														
13	J 3	J 3	37	6	0	0	62	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : Was commercially cut in Nov. 1999 by Minerick Logging, Inc., permit #102-98-01, " Sharptail Sale". Oak, red & white pine were left. In August of 2000, 15 acres of the stand were sprayed with herbicide (Tordon 101) at 5 qts/acre to target aspen, cherry; red maple. It was then disk trenched & direct seeded in one operation in the Oct. of 2000. FTP C31-407. Stocking is somewhat patchy at present. Continue to monitor.</p> <p>Wld : Located in the E1/2NE & NESE of Sec 19, mostly east of main Dept.road.</p>														
14	J 6	J 1	11	40	6	70	57	jack pine	immature	N		20-29 years	0	
<p>Wld : Located in the SENE of Sec 19, west side of Dept road.</p>														
16	J 6	J 1	1	40	6	70	60	jack pine	immature	N		20-29 years	0	
<p>comnts Fmd : Tiny island of jack pine , very similar to stand 14. Manage with stand 14.</p> <p>Wld : Located in the NESE of Sec 19.</p>														
17	A 4	A 2	4		9	30	60	aspen (upland)	unevenaged	N		40-49 years	0	
<p><u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage</p> <p>comnts Fmd : Mixture of A2 & mature aspen & jack pine , but little volume of wood present. Hold till stand 20 is cut to make this saleable. It was left as a visual buffer when stands 13 & 18 were cut to visually break up the would be mile long clearcut.</p> <p>Wld : Located in the NESE of Sec 19, east of Dept road.</p>														
18	A 3	A 3	41	6	1	0	54	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Was commercially cut by Minerick Logging, Inc. in Nov.1999, permit #02-98-01, " Sharptail Sale". All oak, red & white pine was left. Area would grow better jack pine than aspen, but wildlife needs to be considered also.</p> <p>Wld : Located in the SESE of Sec 19 for the most part, both sides of road.</p>														
19	M 5	M 1	4	62	8	60	55	northern hardwood	immature	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Scenic values/visual values</p> <p>comnts Fmd : Oak & some conifer is present also - trace. Maple is generally of stump sprout origin. Valuable to breakup visual line of sight here. Offers fall colors also.</p> <p>Wld : Located in the SESE of Sec 19, on south facing slope or at ridge of hill.</p>														
20	A 6	A 1	10	44	8	80	58	aspen (upland)	immature	N		10-19 years	0	
<p>comnts Fmd : A mostly level site, good logging chance. Jack pine is generally in the east end.</p> <p>Wld : Located in the center of the SE1/4 of Sec 19, west of Dept road.</p>														
21	J 6	J 1	14	78	10	70	60	jack pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Water quality/bmps Scenic values/visual values Influence zones</p> <p>comnts Fmd : Special Conservation Area, serves as a riparian buffer around beaver pond.</p> <p>Wld : Located in the S1/2SE of Sec 19.</p>														

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				Age	B H	Tot. BA							
22	Z 0	Z 0	3			0	water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Beaver pond, spring fed source of ground water since this is the headwaters of this drainage.</p> <p>Wld : Located in the SWSE of Sec 19.</p>													
23	J 3	J 3	38	16	3	0	62	jack pine	immature	N	30-39 years	0	
<p>comnts Fmd : Was commercially cut in Oct 1990 by Holli Forest Prod., Inc., permit # 05-88-01, "Bryan Creek Sharptail Block". A 2 inch cutting spec was used (no reserve species here). Access was from the northwest side of stand. Almost no aspen in stand at present (some small clones in valley in northeast). Also, since regeneration here is natural, some spots are lacking and quite open.</p> <p>Wld : Located in the SESW & SWSE of Sec 19, north of ELF row.</p>													
24	J 3	J 3	11	16	3	0	62	jack pine	immature	N	30-39 years	0	
<p>comnts Fmd : Was commercially cut in Oct 1990 by Holli Forest Prod., Inc., permit # 05-88-01, "Bryan Creek Sharptail Block". A 2 inch cutting spec was used (no reserve species here). Access was from the northwest side of stand. Almost no aspen in stand at present. Also, since regeneration here is natural, some spots are lacking and quite open.</p> <p>Wld : Located in the SESW & SWSE of Sec 19, south of ELF row.</p>													
25	J 5	J 2	31	23	5	40	64	jack pine	immature	N	20-29 years	0	
<p>comnts Fmd : Was commercially cut in Fall of 1979 by Escanaba Paper Co. - Mead, (Polar Logging was jobber), permit # 6/79A, "Hart Lake Block". Sale was piece cut. Older cutover strips inbetween were already adequately stocked with jack pine. FTP C31-53, for machine planting of jack pine, accomplished in May, 1983 at the rate of 605 trees/acre. Using 2-0 jack pine stock.</p> <p>Wld : Located in the W1/2SW of Sec 19, north of ELF row.</p>													
26	J 6	J 1	2	45	6	90	64	jack pine	immature	N	10-19 years	0	
<p>comnts Fmd : These east-west strips were cut around 1961 or shortly before that. Do we want to perpetuate this strip pattern or try to accommodate some older wood with some younger wood to make a larger cut? Not now, but in the future, perhaps treatment period 2. I believe these strips were cut by Arvid Nyland of Ishpeming, permit # 14/60A. He was to cut alternating 2 chain wide east-west strips. A letter dated Nov. 1961 by Clayton Schooley, District Forester, mentions that the cut is complete. No doubt it was piece cut, and I assume regeneration was natural.</p> <p>Wld : Part of a system of older east-west strip cuts located in the W1/2SW of Sec 19. North of ELF row.</p>													
27	J 6	J 1	3	45	6	90	64	jack pine	immature	N	10-19 years	0	
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28	J 6	J 1	4	45	6	90	64	jack pine	immature	N	10-19 years	0	
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29	J 6	J 1	1	45	6	90	64	jack pine	immature	N	10-19 years	0	
<p>comnts Fmd : These east-west strips were cut around 1961 or shortly before that. Do we want to perpetuate this strip pattern or try to accommodate some older wood with some younger wood to make a larger cut? Not now, but in the future, perhaps treatment period 2. I believe these strips were cut by Arvid Nyland of Ishpeming, permit # 14/60A. He was to cut alternating 2 chain wide east-west strips. A letter dated Nov. 1961 by Clayton Schooley, District Forester, mentions that the cut is complete. No doubt it was piece cut, and I assume regeneration was natural.</p> <p>Wld : Part of a system of older east-west strip cuts located in the W1/2SW of Sec 19. South of ELF row.</p>													

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					B H	Tot. BA								
30	J 6	J 1	3	45	6	90	64	jack pine	immature	N		10-19 years	0	
<p>comnts Fmd : These east-west strips were cut around 1961 or shortly before that. Do we want to perpetuate this strip pattern or try to accommodate some older wood with some younger wood to make a larger cut? Not now, but in the future, perhaps treatment period 2. I believe these strips were cut by Arvid Nyland of Ishpeming, permit # 14/60A. He was to cut alternating 2 chain wide east-west strips. A letter dated Nov. 1961 by Clayton Schooley, District Forester, mentions that the cut is complete. No doubt it was piece cut, and I assume regeneration was natural.</p> <p>Wld : Part of a system of older east-west strip cuts located in the W1/2SW of Sec 19. South of ELF row.</p>														
31	J 5	J 2	6	23	5	40	64	jack pine	immature	N		20-29 years	0	
<p>comnts Fmd : Was commercially cut in Fall of 1979 by Escanaba Paper Co. - Mead, (Polar Logging was jobber), permit # 6/79A, "Hart Lake Block". Sale was piece cut. Older cutover strips inbetween were already adequately stocked with jack pine. FTP C31-53, for machine planting of jack pine, accomplished in May, 1983 at the rate of 605 trees/acre. Using 2-0 jack pine stock.</p> <p>Wld : Located in the SWSW of Sec 19, south of ELF row.</p>														
32	J 6	J 1	3	45	6	70	64	jack pine	immature	N		10-19 years	0	
<p>comnts Fmd : These east-west strips were cut around 1961 or shortly before that. Do we want to perpetuate this strip pattern or try to accommodate some older wood with some younger wood to make a larger cut? Not now, but in the future, perhaps treatment period 2. I believe these strips were cut by Arvid Nyland of Ishpeming, permit # 14/60A. He was to cut alternating 2 chain wide east-west strips. A letter dated Nov. 1961 by Clayton Schooley, District Forester, mentions that the cut is complete. No doubt it was piece cut, and I assume regeneration was natural.</p> <p>Wld : Part of a system of older east-west strip cuts located in the W1/2SW of Sec 19. South of ELF row.</p>														
33	J 6	J 1	15	53	10	100	64	jack pine	immature	N		10-19 years	0	
<p>comnts Fmd : Several different age classes of jack pine present, but generally the younger pine is nearer to the large grass opening complex. This stand we can hold 10 yrs to spread out the cutting somewhat. I see old roller chopper marks on the ground, so some of this stand could have gotten started after some Dept. treatment. Some clones of aspen in stand also.</p> <p>Wld : Located in the N1/2NW of Sec 19, mostly south of trail road, and bordering the large grass opening complex.</p>														
34	J 6	J 1	2	32	6	70	62	jack pine	immature	N	thinning	within 0-9 years	1	
<p>comnts Fmd : This is adjacent to and on the south side of the planted red pine, and this jack pine is also planted in rows in furrows, so I assume it was also planted in 1974 by Mr. Stahelin, landowner to the north at that time. Possibly row thin this stand in 2008 when adjacent timber is being cut.</p> <p>Wld : Located in the NWNW of Sec 19, north of trail road.</p>														
400	G 0	G 0	321			0		grass	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Special Conservation Area. Historically, this site was managed for sharptail grouse. Although no longer inhabited by sharptails, this large grass complex is still highly valued for deer habitat, and for a variety of other nongame species (both birds & mammals) such as sandhill cranes, raptors, songbirds, etc. Periodic prescribed burning is still needed here to maintain this habitat on an as-needed basis. Numerous treatments (prescribed burning, roller chopping, etc.) have occurred here in the past. Per our mini-review held on 8/31/06, Wildlife would like this stand designated stand condition 8 - Special Conservation Area.</p> <p>Wld : This stand covers most of Sec 19 west of Dept road.</p>														
401	G 0	G 0	7			0		grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : This was the ELF cleared right of way from 1985 till 2005 (poles are still standing yet to be salvaged). We wish to preserve this as a nonforested type for both wildlife and as an important fuel break for fires.</p> <p>Wld : Located near the southern boundary of Sec 19.</p>														

Total Acres..... 656