

* 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. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
1	A 5	A 1	38	30	6	50	50	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Stand resulted from a prescribed burn in 1977 (Jim Jeske, biologist). Ironically, the burn was to maintain grass opening. Trace of jack pine also. Will grow into an A6 stand.</p> <p>Wld : Located in the E1/2NE of Sec 11.</p>														
2	A 2	M 1	25	16	3	0	62	aspen (upland)	immature	N		within 0-9 years	0	other - specify in remarks
<p>comnts Fmd : Was commercially cut in 1990-91 by Oscar Antilla from Republic under permit #17-89-01, "Murphy's Grade Aspen Block". All oak was left as well as 101 birch seed trees were marked to leave in areas that lacked aspen. Access was from the southwest corner of the stand via a new road built off of Murphy's Grade (bermed upon sale completion). Aspen regen is patchy in places (clone character) and red maple stump sprouts are a significant component of this stand as well. Thus there are semi-open patches, etc., and would possibly be an area where Wildlife may want to plant patches of white pine for dry-mesic conifer goals. Trace of jack pine & fir in stand. UNDER PLANT PINE AND OAK.</p> <p>Wld : Plant red pine, white pine, and oak. Located in the W1/2NE of Sec 11.</p>														
3	A 6	F 1	37	62	9	80	54	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Final harvest with reserves. For reserves, consider white pine, cherry, most of red pine (a few could be marked if desired), most of birch and maple, & some or all of white spruce. Also reserve potential den trees for wildlife. I did not see any oak though there may be a trace. There is more conifer in this stand than in the surrounding area, which is good for diversity. Mgt objective is actually for a mixed stand. At least a portion of the red pine present is a result of past planting (see comment for stand #5) or disking and seeding. Some cutting probably occurred here in 1974 under Mead's permit # 12/73A. Lastly, leave an uncut buffer of a chain or so along the bog edge on the north end. STICK NEST ALONG ROAD.</p> <p>Wld : Located in the E1/2NW of Sec 11 for the most part. Strive to maintain the mixed forest condition. Leave the majority of the red pines by ensuring that a full range of the existing diameter classes is maintained. Leave all cherry, elm, oak, white pine, black spruce, and white spruce. Leave 4 to 6 white birch per acre, including some stems from the larger size classes. Identify any vernal or perenial wetlands and buffer appropriately. Area supports good hard mast production from beaked hazel. Strive to leave trees with better cavity development.</p>														
4	J 3	J 3	17	13	3	0	70	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : Was commercially cut in Fall of 1989, Spring of 1990 by Oscar Antilla from Republic under permit # 17-89-01, "Murphy's Grade Aspen Block". All oak, red & white pine was left. Was herbicided in Spring of 1992, then disk trenched and contract hand planted in May of 1994. FTP C31-255. Access was from the north through a previously cut & planted jack pine stand (FTP C31-158). A few natural red & white pine exist in stand that were left when stand was cut.</p> <p>Wld : Located in the NENW of Sec 11 for the most part.</p>														
5	A 6	F 1	203	33	6	80	55	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Was commercially cut in summer of 1974 through the winter of 1974-75 by Mead (Escanaba Paper Co.) under permit # 12/73A. Sale covered 380 acres. A scale sale. Cut all merchantable aspen, birch, fir, and white spruce. Plus all marked red & white pine, and all jack pine in areas encircled by red paint. Currently in 2007, there are scattered red pine sawtimber throughout the stand, especially in the southeast part, as well as small patches of jack pine. This is a plus for biodiversity. Overall cover type is still aspen though, since pine is generally less than 30 sq.ft./acre, and even less when averaged throughout the entire stand. Note: A planting form indicates much of this stand was machine planted to red pine in May of 1962, though much of this was "interplanting" - planting between existing trees. This led to much of the red pine being suppressed and stalling the growth of the pine. In 1968 a survival count was made here and found only an average of 174 planted red pine per acre. Nevertheless, the survivors of this planting are still with us and will function as in-stand retention trees for future cuts.</p> <p>Wld : Located in the E1/2NE & NESE of Sec 10. Also, the W1/2NW, N1/2SW, NWSE, & SWNE of Sec 11. Well developed, healthy white birch in stand. Also, 30/1, 21/1, 20/2, and 3/2.</p>														

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					B	Tot. BA								
6	R 9	F 2	22	14	120	63		red pine	unevenaged	N	shelterwood-prep	within 0-9 years	2	other - specify in remarks
<p>comnts Fmd : For 2009, -- shelterwood prep cut with reserves. Reserves are possibly all white pine, most of the red pine (light thinning where needed), stump diameter cut on white spruce, leave a significant portion of birch & maple (especially where visible from County Rd.). Perhaps stump diameter cut on fir & black spruce also. Aspen & birch are overmature - potential den trees possible in some of them. /// Sale permit #127-06-01 "Casey Lake Road Sale", cut commercially by Minerick Logging, Inc. in July 2006 was a special needs sale requested by the Marquette County Road Commission to accommodate their road widening plans there. Approx 70 trees (mostly red pine) were marked with Mark Hamel of the County designating the trees needed to be cut. Area covered was less than one acre. An "S" curve in the road in a red pine grove was the nucleus of the project. CREATE LARGER CONOPY GAPS\UNDERPLANT WITH WHITE PINE.</p> <p>Wld : Located in the W1/2NE of Sec 10, west side of County Rd, for the most part. Retain all black spruce and a full range of diameter classes from the existing white spruce associates. Leave all oak, cherry, and cedar. Leave at least 3 to 4 white birch per acre. Leave a portion of the red maple population scattered across the stand. Do not enter stands 27 (V0) or 44 (D0) by keeping timber sale boundary in upland.</p>														
7	B 6	F 1	10	62	8	90	60	paper birch	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Scenic values/visual values Influence zones</p> <p>comnts Fmd : Delay a cut here for purposes of aesthetics in 2009. Adjoining stands will be cut so this will help to lessen the visual impact. Trail road (old railroad grade) is used as a snowmobile trail in winter. Trace species here are white pine, jack pine, white spruce, cherry, and possibly oak.</p> <p>Wld : Located in the SWNE of Sec 10 for the most part. Associate canopy species include 20/2 and 22/2.</p>														
8	S 6	S 1	15	82	8	110	45	black spruce-swamp	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity Scenic values/visual values</p> <p>comnts Fmd : This stand is situated on mostly what I would consider to be high ground (not wet). Could be summer logged. Some windthrow in south end. Generally quite healthy with good growth and average size. Hold portion south of snowmo trail (stand #8) for 10 more yrs for size class diversity. We will cut the portion north of the snowmo trail (stand #50) with stand #9 since we will access stand #9 through this spruce. A trace of aspen & birch present.</p> <p>Wld : Located in the approx center of Sec 10, south of snowmo trail.</p>														
9	F 6	F 2	13	58	9	80	58	spruce-fir (uplands-including upland black spruce)	mature	Y	seed tree	within 0-9 years	2	
<p>comnts Fmd : Cutting will be a seed-tree cut with reserves. Cover type is a tossup between birch & spruce/fir. Central portion is a knoll or low hill heavier to birch, but surrounding area is heavier to conifer. Since our objective here will be dry-mesic conifer, we will go with "F" as the cover type average for the whole stand. Some variability in ages in conifer, and birch is older. Some mortality & windthrow present. Possibly this stand could be accessed in non-winter weather from the southwest end, otherwise it is a rather short length of frozen road that would be needed. I looked at this in Feb. and it appeared to be mostly semi-high ground at this southwest corner crossing. /// We wish to leave a seed source for spruce/fir (either individual trees or small clumps/patches). And also for in-stand retention , we would like to leave some birch with the dual purpose of providing a seed source. Other reserve species would be white pine, most of the red pine (possibly mark a few where thinning is desired), cherry, cedar, and use a stump diameter on white spruce. Also reserve any potential den/nest wildlife trees that can be identified. EAST HALF SUMMER SHELTERWOOD CUT FOR BIRCH.</p> <p>Wld : Located mostly in the SENW & SWNE of Sec 10, north of snowmo trail. Stand was called B6 last entry. Wildlife has some reservations that need to be discussed regarding the treatment of this stand. No cutting to be done within stand 44 as boundary of timber sale will stay in upland.</p>														
10	R 8	F 2	14	14	40	57		red pine	immature	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in 2001 by Roy Nelson Jr. III, permit #108-99-01, "Helen Lake Sale". Access was from northeast corner of stand using private (Bill Pepin) driveway to exit Co.Rd. All oak, cherry, & cedar was left. Only marked pine was cut, plus of course the aspen, maple, birch, jack pine; spruce/fir. Shortwood operation required to protect spruce/pine/fir regeneration.</p> <p>Wld : Located in the NENW & NWNE of Sec 10.</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	F 3	F 3	11	30	4	0	66	spruce-fir (uplands-including upland black spruce)	immature	N		40-49 years	0	
<p>comnts Fmd : Was commercially cut in winter 2001-02 by Roy Nelson Jr. III, permit #108-99-01, "Helen Lake Sale". All oak, cherry, & cedar was left. Only marked pine was cut, plus of course the merchantable aspen, maple, birch, jack pine; spruce/fir. It should be noted that this stand had a very significant stocking of advance spruce-fir regen before it was cut in 2001-02. Possibly related to past spruce budworm mortality in the stand. Access was from the northeast corner of stand across a 3 chain stretch of frozen swamp road. Slabs were used to make a "corduroy" road. No earth was placed in wetland.</p> <p>Wld : Located in the N1/2NW of Sec 10. Stand was called a B6 last entry.</p>														
12	D 2	D 2	20		3	0	20	treed bog	sparse	N		not scheduled	0	
<p>comnts Fmd : Treed Bog. The S1/4 corner of Sec 10 lies in this bog, but it hasn't been remonumented since the original survey. Two tamarack were the original BT"s.</p> <p>Wld : Located in the SWSE & SESW of Sec 10.</p>														
13	A 3	F 2	36	15	3	10	66	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in 1991 by Minerick Logging under permit #12-89-01, "Helen Lake South Block". All oak and cedar was left as well as two tiny patches in the northeast end of stand where no oak or pine was cut.</p> <p>Wld : Located in the S1/2NW & NWSW of Sec 10.</p>														
14	M 2	F 1	26	5	0	20	55	white pine	immature	N		within 0-9 years	0	planting
<p>comnts Fmd : I coded a white pine planting by Wildlife under cultural practices, but this is subject to Wildlife review and approval. It can be dropped if this is not a suitable site. /// Was commercially cut summer of 2002 by Roy Nelson Jr. III, permit #108-99-01, "Helen Lake Sale". All oak, cherry, and cedar was left, as well as birch seed trees (marked green) in this stand. Only marked pine was cut, plus of course the aspen, maple, unmarked birch, jack pine, spruce/fir, etc. Access was from the southwest corner of stand. Presently in 2007, birch has failed to restock this stand, although I did find a trace of birch, 2 to 3 ft tall within the raspberry (perhaps that's what saved it from browsing). Overall the regen is sparse and red maple is probably the most prevalent - both stump sprouts and seedlings, (it has had heavy browsing from deer). Some aspen clones are present and doing well, but most of this stand lacked aspen before cutting. Fir is also present though somewhat patchy, and it will be a component of the future stand. Also the residual oak, white pine, and a few living birch seed trees are present.</p> <p>Wld : Plant red pine, white pine, and oak. Located in the N1/2SW of Sec 10.</p>														
15	A 6	F 1	86	33	7	70	55	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Previous permit #2/74 was commercially cut in summer of 1974 by Robert "Topsy" Junak of Ishpeming. Specs were to cut all merchantable aspen, balsam, birch, maple, & oak - plus all marked pine. This permit only covered the NWSW, but I believe the remainder of this stand may also have been cut at this time. Currently in 2007, the aspen diameters range from 6 to 10 inches (average 7 inch), both quaking & largetooth present. Conifer (fir) is a component, especially in the understory. Pine is scattered throughout (or inclusions - for example near the center of the W1/2NW). Red maple stump sprouts also present, as well as oak stump sprouts (rather heavy near the border with stand 14). Also a trace of birch.</p> <p>Wld : Located in the W1/2SW, SESW, & SWSE of Sec 10.</p>														
16	R 9	F 3	11		16	110	62	red pine	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Healthy stand, pine of good quality, Somewhat heavier to white pine in northeast part, but overall red pine is dominant. Fir understory is 2 to 5 inch diameter regen., plus some merchantable larger fir.</p> <p>Wld : Located in the SWSW of Sec 10.</p>														
17	F 5	F 3	7	33	6	60	55	spruce-fir (uplands-including upland black spruce)	immature	N		20-29 years	0	
<p>comnts Fmd : Scattered large white pine left when stand was cut in past. Mostly in west end. Fir understory is large 2-5 inch diam. Aspen is more prevalent in eastern end.</p> <p>Wld : Located in the S1/2SW of Sec 10.</p>														

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					D	Tot. BA								
18	A 3	F 2	7	17	18	10	57	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in April/May of 1990 by T & T Logging (St.John Forest Prod., Inc.) under permit # 25-89, "Casey Lake Moonflower Sale". All maple, birch, cherry, and unmarked red & white pine were left. Only spruce with 3 or more sticks were cut.</p> <p>Wld : Located in the S1/2SE of Sec 10, west of County Road.</p>														
19	R 9	A 2	64	75	18	100	63	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : Stand history includes two permits to Parks Division for cutting marked red & white pine with inmate labor from Camp Baraga Prison Camp (to be sawn for lumber for picnic tables, etc.) at the sawmill at Camp Baraga. The first permit # 1/71 was issued in Jan. 1971 for cutting till breakup in Spring 1971, covering the SW1/4 of Sec 11 (40 acres cut). The second permit was issued in Jan 1973 for cutting till breakup in Spring 1973, covering E1/2SE of Sec 10 (10 acres cut). This second permit also covered cutting any aspen that would make a sawbolt. Later, this entire stand was included in a commercial scale sale cut in 1974 by Mead (Escanaba Paper Co.) under permit # 12/73A, in which all merchantable aspen, birch, fir, and white spruce was to be cut, as well as marked red & white pine, and all jack pine encircled by red paint. Currently in 2007, the aspen in the open has put on growth, but suppressed or overtopped aspen is still small diameter. Hold till understory will produce merchantable pulpwood products, then begin a final harvest schedule (breakup into smaller units), to be followed by herbicide, disk trenching, and planting of red pine.</p> <p>Wld : Located in the E1/2SE of Sec 10, and the W1/2SW of Sec 11.</p>														
20	A 6	F 1	25	37	6	70	55	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : First treatment of record in this stand was a Wildlife FTP No. 63-186, for a D-7 treecutter with K/G blade attachment. This was started in Jan of 1969 & finished in March 1970. Specs say to leave all red & white pine, and the rest would be knocked down and left. Oldest permit here was # 3/71 issued to James Korpi of Negaunee in March 1971, a shelterwood cutting. He was to cut all merchantable aspen, but permit indicates he only cut 5 acres (aspen too decayed to sell rough or unpeeled). Next this area was included in a commercial cut in summer of 1974 through the winter of 1974-75 by Mead (Escanaba Paper Co.) under permit # 12/73A. Sale covered 380 acres. A scale sale. Cut all merchantable aspen, birch, fir, and white spruce. Plus all marked red & white pine, and all jack pine in areas encircled by red paint.</p> <p>Wld : Located in the SWSW of Sec 11, for the most part.</p>														
21	O 6	M 1	8	78	8	100	70	oak	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Delayed treatment for age/size class diversity Other special wildlife habitat consideration (desc. In comments)</p> <p>comnts Fmd : This stand has had significant cutting on both sides within the past few years (cut 2001 to the north & 2006 to the south), thus for wildlife benefits as well as aesthetics, we would like to hold this stand at least 10 more years. This stand could provide potential den/nest trees at this time.</p> <p>Wld : Located mostly in the SESW of Sec 11, but the S1/4 corner of Sec 11 is on the south boundary of this stand.</p>														
22	A 3	A 3	52	6	1	20	70	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Was commercially cut in Fall of 2001 by Minerick Logging, Inc., permit #109-99-01, "Casey Lake Rd Aspen Sale". We left all oak which at time of cruise there was 19 sq.ft/A of oak. We also left all cherry & yellow birch which was only a trace amount present, plus all red & white pine were left in this stand. In addition, 100 birch seed trees were marked with green paint to leave in areas of stand 22 that were heavier to birch (and lacking aspen). Bob Minerick had intended to have a subcontractor chip the slash for boiler fuel and thus we allowed him to pile the slash at roadside. This plan fell through and at the time of sale closure in 2004, we wanted him to obliterate his road system by spreading the slash from these piles over the roads. This was only partially successful and his dozer operator created water bars on the road where he was unable to spread slash. Access was from the west and some wood was decked on north end of sale on Murphy's Camp road.</p> <p>Wld : Located in the SESW & W1/2SE of Sec 11.</p>														
23	A 3	A 3	25	17	3	0	71	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in summer of 1990 by Charlie Dillon from Witch Lake under permit # 07-89-01, "Murph's Camp Block". On the entire sale (which also includes stand 23) 470 oak were marked with green paint to save for wildlife, primarily around grass openings. Also 72 aspen were marked with orange paint as potential wildlife den trees. The area which is now stand #24 (an area of oak) was excluded from the sale for aesthetic and wildlife puposes.</p> <p>Wld : Located in the S1/2SE of Sec 11.</p>														

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					D B H	Tot. BA								
24	O 6	M 1	9		10	90	60	oak	unevenaged	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Scenic values/visual values Other special wildlife habitat consideration (desc. In comments)</p> <p>comnts Fmd : Manage stand for aesthetics and wildlife values. Aspen is overmature and located mostly in the northwest corner of stand, and will provide potential den/nest trees for wildlife. Also has a small (an acre or so) patch of jack pine in the north end near the road - adds to diversity here. Trace of red pine also. White pine has been seeding in on the south boundary and near the pond. The key wildlife value lies in the oak resource here for hard mast and potential den trees. Most of the surrounding area has been cutover and is aspen saplings.</p> <p>Wld : Located in the SESE of Sec 11.</p>														
25	A 3	A 3	59	17	3	0	71	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in summer of 1990 by Charlie Dillon from Witch Lake under permit # 07-89-01, "Murph's Camp Block". On the entire sale (which also includes stand 23) 470 oak were marked with green paint to save for wildlife, primarily around grass openings. Also 72 aspen were marked with orange paint as potential wildlife den trees, and aspen/pine mix acreage (now stand #35) was excluded from the sale on the north side of the sale to meet grouse habitat needs.</p> <p>Wld : Located mostly in the NESE of Sec 11, but spills over into adjacent forties.</p>														
26	A 5	A 1	6	30	6	50	50	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Stand resulted from a prescribed burn in 1977 (Jim Jeske, biologist). Ironically, the burn was to maintain grass opening. Trace of jack pine also. Will grow into an A6 stand.</p> <p>Wld : Located in the NENE of Sec 11.</p>														
27	V 0	V 0	14			0		bog or muskeg	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Scenic bog has an approx 4 acre pond wiithin its boundaries. West side of Casey Lake Road.</p> <p>Wld : Located in the SWNE & NWSE of Sec 10 for the most part.</p>														
28	Z 0	Z 0	2		0	0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Small 2 acre bog pond . Section corner is just south of this pond on high ground. Murph's Camp fenceline runs south from this corner.</p> <p>Wld : Located in the SESE of Sec 11.</p>														
29	R 8	F 1	9		17	70	63	red pine	unevenaged	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in Fall of 2004 by Minerick Logging, Inc., permit #109-99-01, "Casey Lake Rd Aspen Sale". Only marked high risk pine was cut, and all oak, cherry, and yellow birch was left. Access from the northwest & road was bermed after completion of sale. White pine is present in stand also.</p> <p>Wld : Located in the SESW of Sec 11.</p>														
30	R 9	F 3	5		14	70	66	red pine	unevenaged	N		30-39 years	0	
<p>comnts Fmd : Was commercially cut in winter of 2001-02 by Roy Nelson Jr. III, permit #108-99-01, "Helen Lake Sale". Only marked pine was cut. All oak, cherry, and cedar was left. Access was from the east through stand 11.</p> <p>Wld : Located in the NWNW of Sec 10.</p>														

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					B	Tot. BA								
31	F 6	F 3	11	48	8	90	61	spruce-fir (uplands-including upland black spruce)	immature	N		not scheduled	0	
<p>comnts Fmd : Stand was commercially cut in 1969-70 by Clarence Antilla of Republic under permit # 8/69A, a scale sale. Specs were to cut all merchantable aspen, birch, tamarack, all black spruce with 4 or more sticks, all fir with 2 or more sticks, all white spruce 12 inch & larger at stump diameter. Thus all pine was left. In addition, no cutting was allowed within 100 ft of the cleared right of way for M-95. At that time there was a question of ownership. State had 25/28ths of undivided interest and were unable to locate any other owners. It could be the jog in the west boundary line was a subsequent resolution of this undivided ownership. (See locked box). Currently in 2007, the F3 understory resulting from this cutting is very prominent - 3 to 5 inch dia. Also the existing spruce/fir merchantable component is very likely the reserve trees left during the cut. The aspen is also small diameter - 7 inch. A good portion of the pine are very limby with short log height, but large diameters. Pine is also heaviest in the east end of stand. There is a trace of birch but many dead birch also. Overall, stand is generally healthy at this time. Note: The access road off of M-95 into this stand has recently been named "Snowy Owl Lane" by Republic Township, and they have a sign placed at its start.</p> <p>Wld : Located in the N1/2NW of Sec 8, Govt lot 1, west of the Michigamme River.</p>														
32	Q 5	Q 1	4		7	60	30	mixed swamp conifer	unevenaged	N		not scheduled	0	
<p>comnts Fmd : A lowland depression seperating stands # 31 & 72, both of which are higher ground. A variable mixture, some patches of cedar, the remainder is mostly black spruce & tamarack with alder beneath.</p> <p>Wld : Located in the N1/2NW of Sec 8, Govt Lot 1, west of Michigamme River.</p>														
33	F 3	F 3	4	21	3	0	45	spruce-fir (uplands-including upland black spruce)	immature	N		not scheduled	0	
<p>comnts Fmd : This stand is adjacent to M-95 on the east side, and also south of a small powerline (course NW-SE). It was included in Clarence Antilla's commercial cut in 1969-70. See comments for stand 31. Currently in 2007, I found submerchantable balsam fir, balm, spruce, and tamarack with some alder. A few bigger tamarack within 100 ft of the hwy row where they were not allowed to cut. Dominant type is the fir.</p> <p>Wld : Located in the N1/2NW of Sec 8, Govt Lot 1, west of the Michigamme River.</p>														
34	S 4	S 1	3		6	20	30	black spruce-swamp	sparse	N		not scheduled	0	
<p>comnts Fmd : This stand is very nearly a treed bog. It does have some alder understory & a trace of white pine & birch. Overall the spruce/tam is of small diameter.</p> <p>Wld : Located in the SWSW of Sec 10.</p>														
35	A 6	W 2	6	75	10	90	71	aspen (upland)	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments) Scenic values/visual values</p> <p>comnts Fmd : This stand was left as a reserve area for wildlife purposes when the adjacent stand #25 was cut in 1990. Its highest value now is still for wildlife & aesthetics. Essentially, this stand is surrounded by a sea of cutover young aspen. Stand will convert to pine over time. Currently has a fringe of planted red pine (8 inch diam) on north edge, and natural red pine in the southeast portion. White pine seeding in esp on western half where there is also a short, steep, north facing slope. Trace species here are oak, white pine, & white spruce. Aspen is large-overmature and prime for potential den/nest trees. Old trail road accessing Murph's Camp property passes through stand. Gate at property line.</p> <p>Wld : Located in the SENE of Sec 11 for the most part.</p>														
36	A 5	F 1	4	52	8	60	65	aspen (upland)	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments)</p> <p>comnts Fmd : I believe this stand resulted from Murph's Camp Inc. following an old trail road when they erected their double strand twisted wire fence. Fence is actually some distance west (a chain or more) of the road. When stand #1 was prescribed burned in 1977, the tractor-plow operator stayed west of the fenceline. In any event, we'd like to hold this stand for wildlife purposes for now - for budding grouse, etc. Much of the aspen is of rather poor quality.</p> <p>Wld : Located in the E1/2NE of Sec 11, adjacent to Murph's Camp Inc. property.</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								
37	R 6	M 2	10		11	100	66	red pine	high risk	N	shelterwood-prep	within 0-9 years	1	
<p>comnts Fmd : Shelterwood-prep cut with Reserves. This is a natural stand. Numerous red maple saplings in understory in places. Aspen is overmature & high risk. Stand is coded poletimber simple because aspen & maple exceed red pine stocking. From simply an average diameter, this stand could be considered a sawlog stand. /// Leave trace species such as oak, cherry, white pine, white spruce, etc. Red pine could be a light marking to salvage high risk trees.</p> <p>Wld : Located in the N1/2NE of Sec 11.</p>														
38	R 6	R 1	23	45	8	100	57	red pine	two aged	N	delayed removal	within 0-9 years	2	
<p>comnts Fmd : Delayed removal cut with Reserves. Red pine here dates back to a planting in May 1962. Most trees were probably suppressed by overtopping aspen, jack pine, etc. since they are still of small diameter & height overall and would benefit from a release cut of competing species. Stocking also is inadequate of red pine. This opens the door for other mgt options here if for example Wildlife would prefer an alternate mgt objective specie. Probably some of the aspen/jack pine should be left for wildlife in any case (eg. as potential den/nest trees, etc.). Also for reserves, leave trace species such as birch, oak, spruce/fir, etc. The jack pine & aspen are of older age class, probably about 60 yrs or so. ASSESS POST CUT FOR UNDERPLANTING.</p> <p>Wld : Located somewhat in the center of the N1/2 of Sec 11, oriented north-south. Infrequent red oak in overstory - retain this. Leave all cherry, white birch, and elm. Leave 3 to 4 mature apen per acre. Leave some scattered mature jack pine. Leave all black and white spruce. Attempt to leave most white pine. Leave a portion of the larger diameter red pine.</p>														
39	J 5	M 1	4	63	10	50	70	jack pine	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Water quality/bmps Influence zones Scenic values/visual values</p> <p>comnts Fmd : Stand borders leatherleaf bog on north side (a buffer). Valuable for wildlife (provides potential den & nest trees as individual trees die out), as well as aesthetics.</p> <p>Wld : Located in the N1/2NW of Sec 11.</p>														
40	A 6	M 1	5	68	9	80	72	aspen (upland)	high risk	Y	final harvest	within 0-9 years	2	
<p>comnts Fmd : Final harvest with reserves. Consider for reserves: oak, cherry, red & white pine, birch (some or all), and any spruce/fir if any present. There is a pothole and slope inclusion in the stand that is actually a red/jack pine mix, but not significant enough to make a separate stand. Save any potential den/nest trees for wildlife as well. Old plow fire lines within stand.</p> <p>Wld : Located in the NENW & NWNE of Sec 11.</p>														
42	R 9	F 2	33		14	90	63	red pine	unevenaged	N		not scheduled	0	
<p>comnts Fmd : Stand is bounded by the Casey Lake Road on the west. It was part of a commercial cut in 1974 by Mead (Escanaba Paper Co.) under permit # 12/73A. Specs were to cut all merchantable aspen, birch, fir, and white spruce, plus all marked red & white pine. A subsequent minor sale in 2006 was sale permit #127-06-01 "Casey Lake Road Sale", cut commercially by Minerick Logging, Inc. in July 2006 was a special needs sale requested by the Marquette County Road Commission to accommodate their road widening plans there. Approx 70 trees (mostly red pine) were marked with Mark Hamel of the County designating the trees needed to be cut. Area covered was less than one acre. An "S" curve in the road in a red pine grove was the nucleus of the project. Note: A similar but more heavily stocked stand (# 6) on the west side of the Casey Lake Rd, will be cut in 2009, and since these both are travel influence zones, it will be less visual impact if this stand #42 is held longer, perhaps even coupled with a cut in stand #5. Stand #42 has larger aspen in the north end and this would be the area to target for a first cut in future.</p> <p>Wld : Located in the E1/2NE & NESE of Sec 10.</p>														
44	D 0	D 0	105			0	23	treed bog	sparse	N		not scheduled	0	
<p>comnts Fmd : A large treed bog stand. Mostly black spruce, but also tamarack & traces of cedar, pine, & fir. Parts of it are marginally commercial (eg. Perhaps on edges of high ground, etc.), though they may never have a cutting. There are two small "islands " of semi-high ground between stands #6 & #9 which I included with stand 44. They contain a few red pine sawlogs and some better black spruce and could yield a harvest in future. But in 2009, we wish to reserve this for a visual buffer between the two stands and for wildlife purposes as well.</p> <p>Wld : Located in the NW1/4, W1/2NE, & NESW of Sec 10.</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	B								
45	D 0	D 0	7			0	20	treed bog	sparse	N		not scheduled	0	
<p>comnts Fmd : A treed bog.</p> <p>Wld : Located in the SWNW of Sec 10, for the most part.</p>														
49	A 6	F 1	32	33	6	80	55	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Was commercially cut in summer of 1974 through the winter of 1974-75 by Mead (Escanaba Paper Co.) under permit # 12/73A. Sale covered 380 acres. A scale sale. This stand is quite similar to stand # 5 except it has an increase in the conifer component. Original sale specs were to cut all merchantable aspen, birch, fir, and white spruce. Plus all marked red & white pine, and all jack pine in areas encircled by red paint. Overall cover type is still aspen though, since pine is generally less than 30 sq.ft./acre, and even less when averaged throughout the entire stand. Note: A planting form indicates much of this stand was machine planted to red pine in May of 1962, though much of this was "interplanting" - planting between existing trees. This led to much of the red pine being suppressed and stalling the growth of the pine. In 1968 a survival count was made here and found only an average of 174 planted red pine per acre. Nevertheless, the survivors of this planting are still with us and will function as in-stand retention trees for future cuts.</p> <p>Wld : Located in the W1/2NW of Sec 11.</p>														
50	S 6	S 1	4	86	8	110	45	black spruce-swamp	mature	Y	seed tree	within 0-9 years	1	
<p>comnts Fmd : Seed tree cut with Reserves. This stand is situated on mostly what I would consider to be high ground (not wet). Could be summer logged. Some windthrow in west end. Generally quite healthy with good growth and average size. Hold portion south of snowmo trail (stand #8) for 10 more yrs for size class diversity. We will cut the portion north (stand #50) of the snowmo trail with stand #9 since we will access stand #9 through this spruce. A trace of aspen & birch present. An old railroad grade spur exists in this small stand which could be used as access route where ground is soft (just a short stretch). This grade is situated northeast/southwest which indicates the pine cut in the railroad logging days was hauled westward probably to the Michigamme river or to the sawmills at "Floodwood". /// Seed tree cut with reserves (birch, aspen, pine, white spruce). Maintain a seed source for spruce, note that the standing spruce outside of the sale also provide a seed source - at least for an area equal to the average total tree height. STAY OUT OF LOWLANDS.</p> <p>Wld : Located in the approx center of Sec 10, north of snowmo trail. Approximately 85% of stand area is upland. Will want to retain black spruce in regular pattern across stand to provide proper seed dispersion and habitat. Try to leave a full range of black spruce tree sizes. Should also leave some clumps of black spruce as part of this grid. There should be black spruce seed source within 1 to 2 tree heights of all areas cut. Regeneration success of this stand will need to be closely monitored. No other alternate MO is acceptable. Other overstory associates are 11/2, 32/2, 20/2, and 3/2. Leave some white birch scattered across site. Leave all cherry, cedar, hemlock and white pine. Do not cut into stand 44 (D0) which means stay on upland when placing boundary line of sale.</p>														
51	A 6	F 2	15	34	7	70	55	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : That part of the stand lying west of Casey Lake Road was commercially cut by Robert "Topsy" Junak in the Fall of 1973 under permit #10/73, a scale sale. He was to cut all merchantable aspen, balsam, birch, red maple, jack pine, and tamarack. Also, all black spruce & fir with 2 or more sticks, and all marked red & white pine. No birch was to be cut within 200 ft of the Casey Lake Road. The part of the stand east of the main road was part of Escanaba Paper Co.'s permit #12/73A cut in 1974-75 (see stand #5 comments for details).</p> <p>Wld : Located in the S1/2SE of Sec 10, for the most part. Both sides of Casey Lake Road.</p>														
52	V 0	V 0	9		0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
<p>comnts Fmd : A typical leatherleaf bog.</p> <p>Wld : Located in the NENE of Sec 10 for the most part.</p>														
53	V 0	V 0	1		0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
<p>comnts Fmd : A typical leatherleaf bog.</p> <p>Wld : Located in the NWNW of Sec 11.</p>														
54	V 0	V 0	8		0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
<p>comnts Fmd : A typical leatherleaf bog, this one is generally long & narrow.</p> <p>Wld : Located in the N1/2NW of Sec 11.</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				D B	Tot. BA								
56	V 0	V 0	1	0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : A tiny leatherleaf bog. Wld : Located in the NWSW of Sec 11.													
57	V 0	V 0	1	0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : A tiny leatherleaf bog. Wld : Located in the SWSW of Sec 11.													
58	V 0	V 0	1	0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : A tiny leatherleaf bog. Section line may pass through this bog, or not. Wld : Located in the SWSW of Sec 11.													
62	V 0	V 0	1	0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : A tiny leatherleaf bog, somewhat elongated east-west. Wld : Located in the NESE of Sec 10.													
63	V 0	V 0	1	0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : A tiny leatherleaf bog. Wld : Located in the NESE of Sec 10.													
64	V 0	V 0	17	0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : A larger leatherleaf bog with both a pond & a tiny island of jack pine within it. East side of Casey Lake Road. Wld : Located mostly in the N1/2SE of Sec 10.													
65	V 0	V 0	1	0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : A tiny leatherleaf bog. Wld : Located in the SENE of Sec 10.													
67	V 0	V 0	1	0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : A small bog just north of the W1/4 corner of Sec 10. Wld : Located in the SWNW of Sec 10, on the western boundary of the Section.													
68	V 0	V 0	3	0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
comnts Fmd : A small roadside leatherleaf bog. Wld : Located in the NWNE of Sec 10, adjacent to & northeast of Casey Lake Rd.													
69	Z 0	Z 0	2	0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : Small 3 acre bog pond east of Casey Lake Road. Both of these ponds (on opposite sides of Co.Rd.) have had resident beaver in them. Wld : Located in the NWSE of Sec 10.													
70	Z 0	Z 0	4	0	0		water	nonstocked	N		not scheduled	0	
comnts Fmd : A 4 acre pond west of the Casey Lake Road. There was a beaver lodge on the edge of this pond when visited in Feb 2007. Wld : Located in the NWSE of Sec 10 for the most part.													

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	Conifer Species	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
71	Z 0	Z 0	7		0	0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : A rather large pond located within a large treed bog.</p> <p>Wld : Located in the E1/2NW of Sec 10.</p>														
72	M 6	F 3	17		9	80	57	northern hardwood	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA stand. Riparian buffer to the Michigamme River. Rather poor quality red maple but valuable for aesthetics. Birch is mostly declining - significant mortality. Fir understory will be a dominant component in the future. This stand is highest in elevation in the couple of chains immediately adjacent to the river, then the elvation drops off as you progress westward till it converts to lowland conifer/alder before reaching stand # 31. Trace species in this stand are yellow birch, cherry, white pine, q. aspen, cedar, & hemlock. See stand # 31 comments for cutting history here. Permit specified no cutting within 100 ft of the river (1969-70 cut). Also a narrow (app 25 ft) powerline row bisects this stand midway, course NW-SE. There may be a buried phoneline as well. This utility services Helen Lake, etc. Note that a swamp conifer inclusion exists within this stand in the southwestern part of the stand (a plus for biodiversity).</p> <p>Wld : Special conservation area. Maintain as movement corridor for mammals, amphibians, reptiles, birds, and aquatic fauna. Promote habitat elements such as supercanopy trees, numerous large snags, abundant and varied tree cavities/dens, frequent large diameter downed trees, and natural processes/disturbances. Located in the N1/2NW of Sec 8, Govt Lot 1, west of Michigamme River.</p>														
75	R 6	J 1	10	45	8	80	58	red pine	immature	N		not scheduled	0	
<p>comnts Fmd : Most of the pine in this stand resulted from past plantings (even jack pine appears to be in rows). The grass opening in the center was probably also planted but for reasons of frost or other reasons, it was a failure. Jack pine is more numerous in the eastern end, as well as some natural red pine there. Stocking of pine doesn't warrant a thinning at this time as most crowns have ample room to grow. Good growth rings evidence also.</p> <p>Wld : Located in the SWNE of Sec 11.</p>														
81	J 6	S 2	1	83	10	70	58	jack pine	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Scenic values/visual values</p> <p>comnts Fmd : Tiny island of high ground within a large leatherleaf bog and visible from the Casey Lake Road, east side. Key value for this timber is aesthetics. Significant mortality of jack pine here. Trace of red pine & birch. Surprisingly, there is a good number of pine seedlings & saplings in the bog surrounding this island.</p> <p>Wld : Located in the NESE of Sec 10.</p>														
83	F 6	F 3	1	66	8	80	61	spruce-fir (uplands-including upland black spruce)	immature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Influence zones Inadequate volume due to small acreage</p> <p>comnts Fmd : A stand very similar to stand #31 east of hwy., except that this stand probably has never been cut since the State acquired it. It most likely will not be cut unless an adjacent landowner applied for a negotiated small sale. Note that LOTS indicates we do not own the Hwy M-95 row. The concrete 4x4 post marking the edge of the row is actually within the wooded area by 50 ft or so. I wonder if it's just a coincidence that it's located on the Section line.</p> <p>Wld : Located in the N1/2NW of Sec 8, Govt lot 1, west of the Michigamme River. This stand is the area west of the hwy M-95.</p>														
85	F 6	F 2	14	54	9	100	58	spruce-fir (uplands-including upland black spruce)	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Scenic values/visual values Historical and archeological sites</p> <p>comnts Fmd : Stand appears healthy at present. Should hold longer for aesthetic benefits (esp. birch & maple together with the conifer). This is a travel influence zone and with the bogs & ponds bordering the County Road, it is a very scenic area. Some larger aspen in stand south side of trail road. Biodiversity is very good here. Trace of red pine and white spruce as well.</p> <p>Wld : Located in the W1/2SE of Sec 10 for the most part.</p>														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D	Tot. BA								
88	A 6	F 1	5	38	7	70	72	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : I haven't been able to tie this stand to a previous timber cutting permit, but it is a unique age stand compared to its adjacent stands. A trace of jack pine also.</p> <p>Wld : Located in the NWNE of Sec 11.</p>														
89	A 5	F 1	5	43	7	60	54	aspen (upland)	immature	N		not scheduled	0	
<p>comnts Fmd : Generally poorer quality aspen here. Jack pine present also. Probably a better jack pine site. Provides a visual buffer at this time since stand 10 was cut to the west. Can hold stand longer. South edge has understory of spruce/fir.</p> <p>Wld : Located in the NWNE of Sec 10, both sides of Casey Lake Road.</p>														
90	A 3	F 1	12	16	3	10	72	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Was commercially cut by Oscar Antilla from Republic in 1990-91 under permit #17-89-01, "Murphy's Grade Aspen Block". All oak was left and birch seed trees but probably in stand #2.</p> <p>Wld : Located in the NWNE of Sec 11 for the most part.</p>														
91	J 3	J 3	1	30	4	10	57	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : This stand undoubtedly resulted from the 1977 prescribed burn which formed stand #1. Most of trees are submerchantable yet but a few 5 inch, one stick trees can be found. An old east-west railroad grade lies just north of this stand. It aligns with Murphy's grade to the west and extends into private property to the east. A lot of fill dirt was needed to level this grade resulting in deep "borrow" ditches bordering the grade.</p> <p>Wld : Located in the SENE of Sec 11.</p>														
92	V 0	V 0	1		0	0	20	bog or muskeg	nonstocked	N		not scheduled	0	
<p>comnts Fmd : A tiny leatherleaf bog.</p> <p>Wld :</p>														
400	G 0	G 0	7		0	0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
<p>comnts Fmd : Historically, there was quite a large open grassland complex in this area, extending into private property in Sec 12. Quite likely, sharptail grouse were residents here at one time. Numerous old pine stumps are evident from a pre-settlement forest, which subsequently burned over probably on many occasions. One of these was a prescribed burn in 1977 with Norm Korte, Gwinn 50, overseeing the burn. James Jeske was Area Biologist at this time.</p> <p>Wld : Rough surface, slightly rolling terrain. Sweetfern and blueberry domiante ground flora to south and north. Sedge dominates in center, with lesser patches of blueberry, bracken fern, and sugerplum. Stand is still 80% open, though have lost some area due to encroachment. Jack pine and aspen poles present, as well as jack pine and aspen saplings. Use chainsaw or other mechanical means to remove jack pine, aspen, and cherry brush. Located in the NENE of Sec 11.</p>														
401	G 0	G 0	5		0	0		grass	nonstocked	N		within 0-9 years	0	opening maintenance
<p>comnts Fmd : Perhaps a natural frost pocket or "bowl" helping to keep this area open. Some encroachment on edges by aspen & jack pine. I assume this stand was included in the 1977 prescribed burn. In the past decade or so, areas like this have become attractive to badgers. Also see comments for stand # 400 which also are appropriate here as well.</p> <p>Wld : Area approximately 80% open. Rolling terrain. Blueberry, sweetfern, and bracken fern. Remove jack pine, red pine, and aspen (poles and saplings). Large oaks in south. Few larger red pine will be left. Located in the SENE of Sec 11.</p>														
402	G 0	G 0	1		0	0		grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Some encroachment within opening by conifers. Located within stand # 25.</p> <p>Wld : Located in the NESE of Sec 11.</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	avg. D		Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				B H	Tot. BA							
403	G 0	G 0	1	0	0	grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Actually located on the east-west line between forties, midway in the E1/2SE. Located within stand # 25.</p> <p>Wld : Located in the E1/2SE of Sec 11.</p>												
404	G 0	G 0	3	0	0	grass	nonstocked	N		not scheduled	0	
<p>Wld : Located in the SESE of Sec 11.</p>												
405	G 0	G 0	2	0	0	grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Located within stand # 23.</p> <p>Wld : Located in the SESE of Sec 11.</p>												
408	G 0	G 0	4	15	0	0	grass	nonstocked	N	within 0-9 years	0	opening maintenance
<p>comnts Fmd : FTP W-31-278 covers this opening. As a post-sale treatment, this area (a landing site during timber sale) was cleared with rockrake, disked, & seeded to grasses and legumes. Work done in August of 1992. Located within stand # 2.</p> <p>Wld : Located in the W1/2NE of Sec 11. Gently rolling site with smooth surface. 95% openland. Several scattered larger red oaks. White pine and jack pine saplings. Several white birch snags. Nice patches of birdsfoot trefoil and grass - approximately 40% of area. This forage is of moderate to good quality. Rest of area is dominated by sweetfern. Use chainsaw to keep central portion open.</p>												
409	G 0	G 0	2	13	0	0	grass	nonstocked	N	not scheduled	0	
<p>comnts Fmd : Post sale rockrake, disk, & seed landing and access roads (2) per FTP W31-298. This work was done in August of 1994. See comment for stand #13 for logging history.</p> <p>Wld : Located in the SWNW of Sec 10.</p>												
410	G 0	G 0	1	0	0	grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Located within stand # 1 on north edge of Sec 11.</p> <p>Wld : Located in the NENE of Sec 11.</p>												
412	G 0	G 0	2	0	0	grass	nonstocked	N		within 0-9 years	0	opening maintenance
<p>comnts Fmd : Currently in 2007, opening has been seeding in with some conifer, mostly jack pine, some red pine. Still fairly open however. FTP #W31-278 applies to this opening. Notes indicate it was Tordoned in 1992. I don't believe this stand received any rockrake or disking treatment. Located between stands # 3 & 38.</p> <p>Wld : Located in the SENWof Sec 11, north of Murph's Grade. Site is level and smooth - operable for brushhog. Approximately 90% open range. 1/3 of total area near road supports a moderate to good quality grass forage. The remainder of site is covered with bracken fern, sweetfern, and blueberry. Light crop of blueberrys this year. Cherry brush encroaching. Jack pine and red pine saplings also present. Random red pine, jack pine, and balsam fir poles. Prescribe for opening maintenance with chainsaw to remove saplings.</p>												
413	G 0	G 0	1	0	0	grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Significant encroachment by conifers into opening.</p> <p>Wld : Located mostly in the SWSW of Sec 10.</p>												
414	G 0	G 0	1	0	0	grass	nonstocked	N		not scheduled	0	
<p>comnts Fmd : This was once a gravel pit. Now in 2007, it has been seeding in with conifer : red pine, spruce; jack pine. Also a trace of tamarack & balm.</p> <p>Wld : Located in the SWNE of Sec 10, south of trail road.</p>												

* 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.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								

415	G 0	G 0	1		0	0		grass	nonstocked	N		not scheduled	0	
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comnts Fmd : Located within stand # 37, more or less.

Wld : Located in the NWNE of Sec 11.

417	G 0	G 0	2		0	0		grass	nonstocked	N		not scheduled	0	
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comnts Fmd : Possibly a natural frost pocket or "bowl". It appears from old furrows that this stand was planted to pine at one time but was a failure. See comments for stand #75.

Wld : Located in the SWNE of Sec 11, at road junctions. Area approximately 95% openland. No maintenance needed. Some patches of blueberry. Predominant groundcover is sweetfern and some bracken. Small cherry and red pine poles.

Total Acres..... 1304