



**Newberry Forest Management Unit
Compartment Review Presentation
Compartment 118 Entry Year: 2012
Compartment Acreage: 6328 County: Luce**

Revision Date: October 28, 2010

Stand Examiner: Ben Travis

Legal Description: T46N R8W Sec. 17, 19-21, 28-32; T46N R9W Sec. 19-26, 35, 36.

Identified Planning Goals ('Management Area' or 'RMU', if applicable): Compartment contained within the Tahquamenon Basin Wetlands Management Area.

Management Goals: Maintain forest health, forest recreation, timber management, forest resource protection, forest diversity and forest sustainability while considering wildlife, fisheries and environmental needs and concerns.

Soil and Topography: Soil series are Dawson, Greenwood, Loxley, Hendrie, Annanias, Kinross, AuGres, Gogomain Muck, Histosols and Aquents. There are patches of Hendrie Silt Loam, McMillan Fine Sandy Loam, Paquin Sand, Crowell Sand and Wallace Sand. This compartment is located in a very low, flat, swampy area between the Tahquamenon River and the Sage River/Big Ditch. The area supports some small, isolated ridges with upland vegetation, but most of the land is either swamp hardwoods, lowland conifer, marshes or lowland brush.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Main portion of the compartment to the east is comprised of a substantial block of state owned land except for some scattered, smaller private parcels. The western segment of compartment is comprised of a narrow northern tier of state owned land landlocked by multiple private parcels along the southern and western edges. Scattered camps and homes are found on some of the private parcels. A closed township landfill is found in T46N R9W Sec. 29, just south of compartment boundary along Co Rd 462. The McMillan Township school forest is located just east of the old landfill in Sec. 28.

Unique, Natural Features: In 1997, a Bald Eagle was known to be in the area of Section 21, T46N, R8W. In 1915, satiny willow was known to be in Section 23, T46N, R9W.

Archeological, Historical, and Cultural Features: None known.

Special Management Designations or Considerations: Access to compartment is very limited via road network. Tahquamenon river provides alternate access for forest recreation to remote areas. Active railroad grade forms long obstacle to management/access.

Watershed and Fisheries Considerations: Fisheries Values Excellent. The Tahquamenon River in this stretch is high quality cool water habitat, providing a world-class fishery for muskies, especially, but also walleye, perch and northern pike. In contrast, both the Big Ditch and the Sage River are classified Type 1 trout water upstream from the railroad bridge. Below, the tributaries are cool water.

Wildlife Habitat Considerations: Compartment 118 lies in southeastern Luce county and is in the Seney Sand Lake Plain ecological sub-subsection. The compartment is bordered on the north by the Tahquamenon river and on the east and south by the east and west branches of the Sage river and is largely inaccessible.

The rivers in the compartment provide excellent wildlife travel corridors and will remain intact as such. The compartment is diverse in stand types and at the stand level and harvests will strive to maintain that diversity in post harvest conditions. For instance, conifers will be retained in aspen clearcuts and hardwood thinnings and soft and hard mast will be retained where they occur. Wildlife species expected to occur in the compartment include white-tailed deer, moose, black bear, fisher, coyotes, gray wolves, bobcat, ruffed grouse, woodcock, snowshoe hare, waterfowl, mink and otter.

Mineral Resource and Development Concerns and/or Restrictions:

Sections 19-26, 35 and 36, T46N-R9W, and Sections 17, 19-21 and 28-31, T46N-R8W Luce County Surface sediments consist of lacustrine (lake) sand and gravel and peat and muck. There is insufficient data to determine the glacial drift thickness. The Ordovician Utica Shale and Stonington Formation subcrop below the glacial drift. The Stonington could be used for stone. Hendricks Quarry is located seven miles to the south. The nearest gravel pit is located two miles to the north and potential is considered limited. There is no economic oil and gas production in the UP.

Vehicle Access: The main access roads for this compartment are Co Rd 430, Co Rd 462 and Co Rd 466. All of these roads have segments which are not plowed in the winter. Co Rd 462 provides access to a DNRE Public Access Site on the Tahquamenon river in T46N R9W Sec. 22. Public and forest management access to the bulk of compartment is severely restricted due to gated private property, railroad corridor, substantial lowland expanses and rivers/ditches.

Survey Needs: There are none at this time.

Recreational Facilities and Opportunities: McPhee's Landing is a DNRE Public Access Site on the Tahquamenon River. A boatlaunch, dock, outhouse and parking spaces are provided here. Fishing, boating, wildlife observation, hunting and trapping occur in this compartment.

Fire Protection: Potential for large fire growth would be low in these lowland cover types and risk to private properties would be moderate. Modified suppression techniques may be needed to suppress fires in the eastern portion of the compartment because of the lowland cover types.

Additional Compartment Information: None.

➤ **The following reports from the Inventory are attached:**

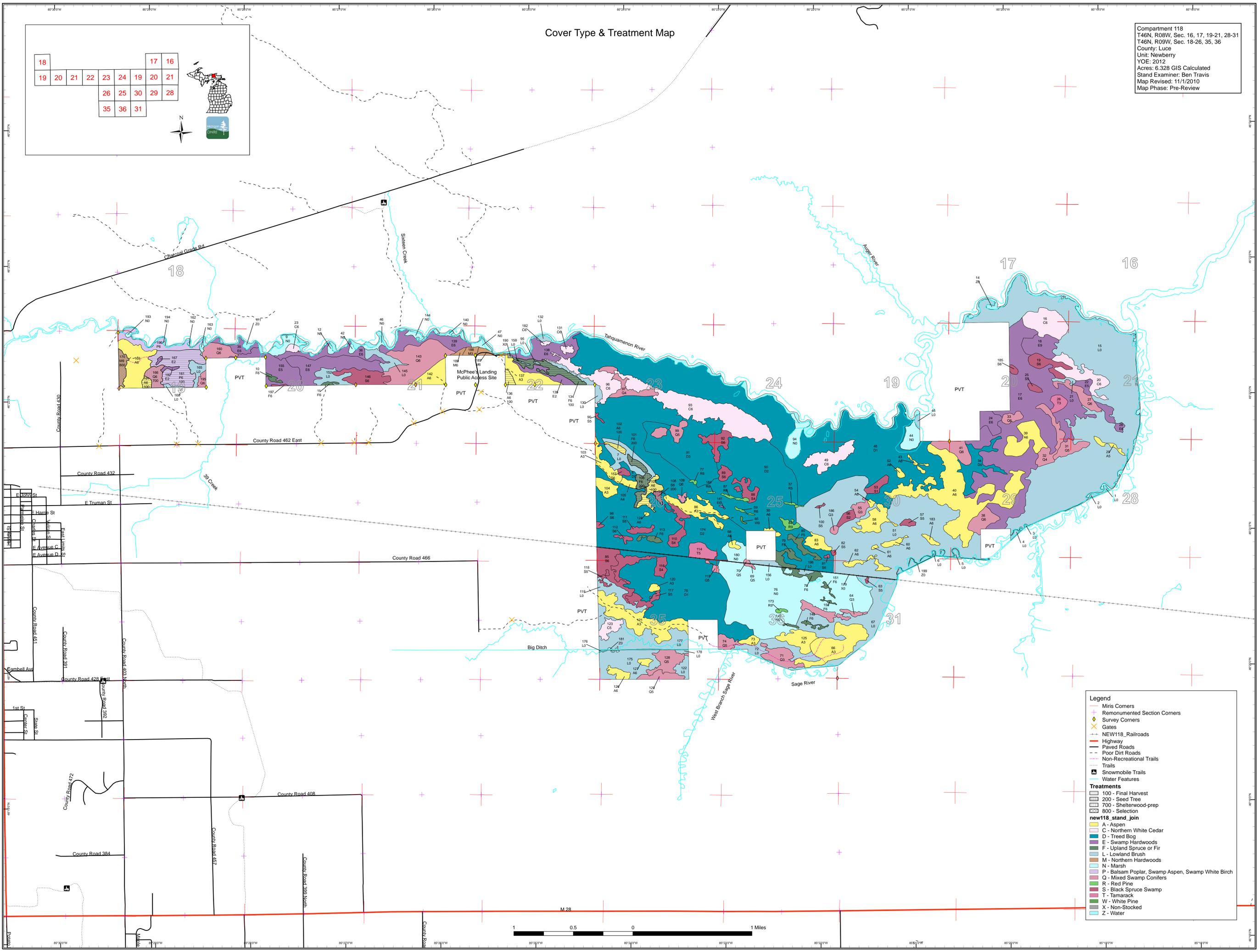
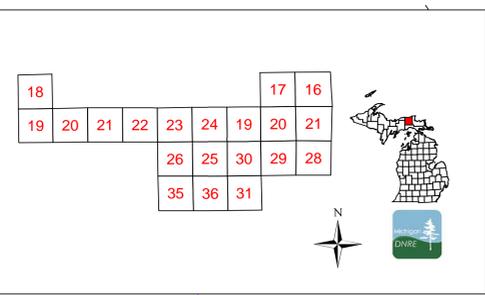
- ◆ **Total Acres by Cover Type and Age Class**
- ◆ **Proposed Treatment Summary**
- ◆ **Proposed Treatments – No Limiting Factors**
- ◆ **Proposed Treatments – With Limiting Factors**
- ◆ **Stand Details (Forested and Nonforested)**
- ◆ **Dedicated and Proposed Special Conservation Areas**

➤ **The following information is displayed, where pertinent, on the attached compartment maps:**

- ◆ **Base feature information, stand boundaries, cover types, and numbers**
- ◆ **Proposed treatments**
- ◆ **Details on the road access system**

Cover Type & Treatment Map

Compartment 118
 T46N, R08W, Sec. 16, 17, 19-21, 28-31
 T46N, R09W, Sec. 18-26, 35, 36
 County: Luce
 Unit: Newberry
 YOY: 2012
 Acres: 6.328 GIS Calculated
 Stand Examiner: Ben Travis
 Map Revised: 11/1/2010
 Map Phase: Pre-Review



Legend

- ◆ Miris Corners
- ◆ Re monumented Section Corners
- ◆ Survey Corners
- ◆ Gates
- NEW118_Railroads
- Highway
- Paved Roads
- Poor Dirt Roads
- Non-Recreational Trails
- Trails
- ◆ Snowmobile Trails

Water Features

- 100 - Final Harvest
- 200 - Seed Tree
- 700 - Shelterwood-prep
- 800 - Selection

new118_stand_join

- A - Aspen
- C - Northern White Cedar
- D - Tressed Bog
- E - Swamp Hardwoods
- F - Upland Spruce or Fir
- L - Lowland Brush
- M - Northern Hardwoods
- N - Marsh
- P - Balsam Poplar, Swamp Aspen, Swamp White Birch
- Q - Mixed Swamp Conifers
- R - Red Pine
- S - Black Spruce Swamp
- T - Tamarack
- W - White Pine
- X - Non-Stocked
- Z - Water



Stand Boundary Map

Compartment 118
T46N, R08W, Sec. 16, 17, 19-21, 28-31
T46N, R09W, Sec. 18-26, 35, 36
County: Luce
Unit: Newberry
YOE: 2012
Acres: 6.328 GIS Calculated
Stand Examiner: Ben Travis
Map Revised: 11/1/2010
Map Phase: Pre-Review

18							17	16
19	20	21	22	23	24	19	20	21
				26	25	30	29	28
				35	36	31		



- Legend
- Miris Corners
 - Remonumented Section Corners
 - Survey Corners
 - Gates
 - Railroads
 - Highway
 - Paved Roads
 - Poor Dirt Roads
 - Non-Recreational Trails
 - Trails
 - Snowmobile Trails
 - Water Features
 - Stand Boundary

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

LAKE SUPERIOR STATE FOREST

NEWBERRY FOREST MGT UNIT

LUCE COUNTY

COMPARTMENT: 118

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150-159	All Aged	Total
Aspen			165	162	5			1	23	67	225								648
Black Spruce				16					98	77	38	2							231
Cedar												36			14	199	48		297
LowInd Brush	1470										4								1474
LowInd Poplr																		84	84
Marsh	412																		412
Mx Swmp Cnfr			18		27	11			49	29	22	186						25	367
Non Stocked	9																		9
Red Pine										8	2	6							16
Spruce Fir									12	40			35						87
Swamp Hrdwds					14					44	341							243	642
Tamarack									16									10	26
Treed Bog	1868																		1868
Upland Hdwds																		24	24
Water	142																		142
White Pine			1																1
Total	3901		184	178	46	11		1	198	265	632	230	35		14	199	48	386	6328

LAKE SUPERIOR STATE FOREST

NEWBERRY FOREST MGT UNIT

LUCE COUNTY

COMPARTMENT: 118

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	648																										648
S Black Spruce		231																									231
C Cedar				297																							297
L LowInd Brush									1474																		1474
P LowInd Poplr										84																	84
N Marsh											412																412
Q Mx Swmp Cnfr												367															367
X Non Stocked													9														9
R Red Pine																16											16
F Spruce Fir																			87								87
E Swamp Hrdwds																				642							642
T Tamarack																						26					26
D Treed Bog																							1868				1868
M Upland Hdwds																								24		24	
Z Water																									142	142	
W White Pine																										1	1
Total	648	231		297					1474	84	412	367	9		16			87	642	26	1868		24	142	1	6328	

LAKE SUPERIOR STATE FOREST

NEWBERRY FOREST MGT UNIT

LUCE COUNTY

COMPARTMENT: **118**

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	16963 Cds	Hardwood	1997 Cds
Hardwood	705 Mbf	Hardwood	32 Mbf
Softwood	17666 Cds	Softwood	1425 Cds
Softwood	143 Mbf	Sum CutVol	3486 Cds
Sum TotVol	36325 Cds		
Total Cmpt Acres		Acres Proposed For Cut.....	154
6328		Acres Meeting Silv Criteria.....	1317
		Acres Not Meeting Silv Criteria.....	5011
		Acres Unable to Determine Silv Criteria For.....	

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDf Status
134	F6	23	108	40	SPRUCE-FIR (UPLANDS- INCLUDING UPLAND BLACK SPRUCE)	MATURE	FINAL HARVEST	1		
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Ridges. Abandoned road accessing stand will most likely need to be a winter road. An alternate MO of aspen is acceptable. Mixed aspen comprised of trembling and bigtooth. Red maple, tamarack, white spruce and white pine are infrequent overstory associates. Red maple, black spruce, white birch, white pine and fir regen present. Reserve 4" Dbh and smaller white birch and spruce. Leave any oak, hemlock, white pine or cedar. Retention will be by reserve area. Acceptable regeneration includes aspen, red maple, white birch, spruce, white pine and fir. Section 22.										
Wld : leave trees are OK as prescribed by forester.										
136	A6	5	72	30	ASPEN (UPLAND)	MATURE	FINAL HARVEST	1		
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. White birch, cedar, fir and yellow birch are infrequent overstory associates. Sugar maple, red maple, white birch, elm and yellow birch regen present. M understory is approximately 24 ft tall. Reserve cedar, hemlock and white pine. Access road has some mucky sections, so will need special consideration. Many aspen fall within the 14 inch Dbh range. Acceptable regeneration includes aspen, red maple, white birch, yellow birch, spruce, white pine and fir. Section 22.										
Wld : leave trees are OK as prescribed by forester.										
161	P6	59	0	50	BALSAM POPLAR & SWAMP ASPEN and SWAMP WHITE BIRCH	MATURE	FINAL HARVEST	1		
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. The site varies from wet, semi-upland to upland. Aspen and spruce vary in density throughout stand. Aspen is in serious decline. Certain areas will regenerate to primarily aspen while others will support mixed swamp conifers. Black cherry, bigtooth aspen, ash, elm, yellow birch, balsam poplar, hemlock and white pine are overstory associates. Cedar regeneration is fairly abundant - ranging from 2 ft to 16 ft tall. Red maple, black spruce, fir, black cherry, white birch, elm and ash regen found. Retain hemlock and cedar. Some cedar may need to be removed for logging equipment operability. Acceptable regeneration includes aspen, red maple, black cherry, elm, yellow birch, white birch, spruce, white pine, lowland conifers and fir. T46N, R9W, section 19.										
Wld : leave a few retention patches with mature aspen, birch and cherry. Leave white pine unless needed for maneuverability or if there is a lot.										
166	Q6	13	75	30	MIXED SWAMP CONIFER	MATURE	SHELTERWOOD- PREP	1		
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. T46N, R9W, section 19. Infrequent trembling aspen, balsam poplar and fir poles present. White birch, fir and cedar regen is present. Tag alder in some areas. Cedar regeneration is fairly abundant. Retain cedar, white pine and hemlock. May need to remove some overstory cedar for logging equipment operability. Acceptable regeneration includes aspen, red maple, white birch, yellow birch, elm, spruce, white pine, lowland conifers and fir.										
Wld : leave trees are OK as prescribed by forester.										
170	M9	11	0	55	NORTHERN HARDWOOD	UNEVENAGE D	SELECTION	2		
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. M understory dominated by sugar maple. White birch, hemlock and trembling aspen are infrequent overstory associates. Hemlock, beech and fir regen present. Fairly nice quality sugar maple logs. Attempt to retain most cherry and yellow birch but may need to remove some. May remove some beech. Retain hemlock, spruce, cedar and white pine. T46N, R9W, section 19.										
Wld : leave trees are OK as prescribed by forester.										
191	A6	4	84	55	ASPEN (UPLAND)	MATURE	FINAL HARVEST	1		
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. T46N, R9W, section 19. Aspen in serious decline. Fir and white spruce regen present. Hemlock, cedar, white pine, elm and white spruce are infrequent overstory associates. Retain cedar, white pine and hemlock. Leave any oak if present. Acceptable regeneration includes aspen, red maple, white birch, spruce, black cherry, oak, white pine and fir.										
Wld : leave trees are OK as prescribed by forester.										
Total Acres..... 115										

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDf Status
101	F6	6	85	38	SPRUCE-FIR (UPLANDS- INCLUDING UPLAND BLACK SPRUCE)	MATURE	SEED TREE	1		

TREATMENT LIMITING FACTORS: Adjacent landowner denies access
Blocked by other physical obstacle

comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Upland. Very little variation in composition and stocking. Very scarce red maple and tamarack poles found. Retain small retention pocket at northwest end of stand. There should be fairly good stocking of submerchantable spruce left after sale. Leave any hemlock, cedar or white pine. Leave some scattered white birch. Acceptable regeneration includes aspen, red maple, white birch, spruce, white pine and fir. Section 26.

Wld : good as prescribed by forester, protect submerchantable spruce, will provide good rabbit habitat

102	A6	4	74	39	ASPEN (UPLAND)	MATURE	FINAL HARVEST	1		
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TREATMENT LIMITING FACTORS: Adjacent landowner denies access
Blocked by other physical obstacle

comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Tamarack, white spruce and cedar are infrequent overstory associates. Quite high incidence of blowdown. Some aspen are 16" to 18" Dbh. Retain cedar, hemlock and white pine. Acceptable regeneration includes aspen, red maple, white birch, spruce, white pine and fir. Section 26.

Wld : leave a few of the huge aspen if they are hollow.

106	F6	12	75	38	SPRUCE-FIR (UPLANDS- INCLUDING UPLAND BLACK SPRUCE)	MATURE	SEED TREE	1		
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TREATMENT LIMITING FACTORS: Adjacent landowner denies access

comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. White birch, fir, white pine, cedar are infrequent overstory associates. F understory is fir. Aspen is declining. Retain cedar, white pine, red pine and hemlock. Leave some scattered white birch. Acceptable regeneration includes aspen, red maple, white birch, spruce, white pine and fir. Section 26.

Wld : leave trees are OK as prescribed by forester.

107	A6	14	73	50	ASPEN (UPLAND)	MATURE	FINAL HARVEST	1		
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TREATMENT LIMITING FACTORS: Adjacent landowner denies access

comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Mixed softwood comprised of black and white spruce. Aspen in decline. Black spruce and red maple regen present. White spruce, fir, white pine, red maple and bigtooth aspen are infrequent overstory associates. Retain all hemlock, cedar, oak, red pine and white pine. Leave some scattered spruce and white pine. Acceptable regeneration includes aspen, red maple, white birch, spruce, white pine and fir. Section 26.

Wld : leave trees are OK as prescribed by forester. Watch for raptor nests when setting up the sale.

108	S6	3	75	38	BLACK SPRUCE- SWAMP	MATURE	SEED TREE	1		
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TREATMENT LIMITING FACTORS: Adjacent landowner denies access

comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Frequent spruce blowdown. Aspen trees are in decline. Fir poles present. Red maple and fir regen found. Retain all cedar, white pine and hemlock. Acceptable regeneration includes aspen, red maple, white birch, spruce, white pine and fir. Section 26.

Wld : leave trees are OK as prescribed by forester.

Total Acres..... 39

* 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	Classes	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	L 0	L 0	1		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Section 28.														
2	L 0	L 0	1		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of arge, inaccessible wetland complex. Section 28.														
3	L 0	L 0	1		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Section 29.														
4	L 0	L 0	2		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Section 29.														
5	L 0	L 0	2		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Section 29.														
6	L 0	L 0	1		0	0		lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Section 30.														
7	L 0	L 0	29		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Section 26.														
8	D 0	D 0	6		0	0		treed bog	sparse	N		not scheduled	0	
comnts Fmd : Section 26.														
9	N 0	N 0	13		0	0		marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of Tahquamenon River floodplain. Adjacent to Tahquamenon river. T46N, R9W, section 20.														
10	F 6	F 2	3	108	10	80	40	spruce-fir (uplands-including upland black spruce)	mature	Y		not scheduled	0	

Treatment Limiting Factors:

- Adjacent landowner denies access
- Blocked by other physical obstacle

comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Ridges. Mixed aspen comprised of trembling and bigtooth. Red maple, white spruce and white pine are infrequent overstory associates. Red maple, black spruce and fir regen present. T46N, R9W, Section 20.

* 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			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
11	F 6	F 2	2	108	10	130	40	spruce-fir (uplands-including upland black spruce)	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle</p> <p>comnts Fmd : Will remove from SCA at 2012 Compartment review as can be properly managed without designation. Ridge. Mixed aspen comprised of trembling and bigtooth. Red maple, white spruce and white pine are infrequent overstory associates. Red maple, black spruce and fir regen present. T46N, R9W, section 20.</p>														
12	N 0	N 0	2		0	0		marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - within Tahquamenon River Floodplain. Adjacent to Tahquamenon river. T46N, R9W, section 20.</p>														
14	Z 0	Z 0	39					water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Sage River.</p>														
15	L 0	L 0	631		0	0	10	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. T46N, R8W, section 21.</p>														
16	C 6	L 1	44	160	9	210	30	cedar	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Too wet Blocked by other physical obstacle Influence zones</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Cedar stand just west of junction of Tahquamenon and the Sage rivers. Stand is bounded by a large bog and is inaccessible. Cedar stand is surrounded by tamarack with some tamarack mixed in. Cedar is the main component. There are scattered patches of dense cover and sparse with standing water holes present also. T46N, R8W, sections 17 and 20.</p>														
17	E 6	E 2	341	91	9	90	65	swamp hardwoods	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Road needed (resources not presently available) Too wet Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. T46N, R8W, sections 20 and 29.</p>														
18	E 9	E 1	28		14	160	50	swamp hardwoods	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Road needed (resources not presently available) Too wet Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. T46N, R8W, section 20.</p>														

* 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. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
19	S 6	E 1	20	73	7	90	50	black spruce-swamp	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Too wet														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Black spruce Island heavy to 3"-4" red maple, tamarack. Red maple dominant in the understory. Some overstory white pine on the fringe. T46N, R8W, section 20.														
20	C 6	Q 2	36	104	7	90	35	cedar	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Too wet														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. T46N, R8W, sections 20 and 21.														
21	L 0	L 0	4	89	0	0	40	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. T46N, R 8W, section 20.														
22	E 5	E 2	7		7	70	50	swamp hardwoods	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Too wet														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. T48N, R8W, section 21.														
23	C 6	E 1	4	160	10	140	27	cedar	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Too wet														
Blocked by other physical obstacle														
comnts Fmd : SCA - within Tahquamenon River floodplain. Thick red maple in understory along with choke cherry, thicker cedar to the west end of stand patchy to the east. T46N, R9W, section 20.														
24	E 6	E 1	17		11	140	50	swamp hardwoods	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. T48N, R8W, section 20.														

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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								
25	S 5	S 2	4	95	4	50	45	black spruce-swamp	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Too wet														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Sparse, scattered white pine, cedar, tamarack, and red maple. Some low areas thick with nonmerchantable black spruce. T46N, R8W, section 20.														
26	T 3	T 1	10		3	0	30	tamarack	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. The edges are more heavily stocked than the inside of the stand. The tamarack is small and pretty sparse. T46N, R8W, section 20.														
27	Q 6	E 1	18	104	8	130	35	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Too wet														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Infrequent red maple in overstory. There are patches of pure black spruce and pure cedar scattered throughout the stand. T46N, R8W, section 21.														
28	E 6	E 2	11		9	80	50	swamp hardwoods	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Too wet														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Ridge of aspen and red maple, with black spruce and fir mixed in the overstory. Lesser amounts of cedar and white birch. Predominantly red maple and fir in the understory, also on the edge there is some scrubby red maple and tag alder. T46N, R8W, section 21.														
29	A 5	M 2	5	89	10	60	60	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 28.														
30	A 6	M 2	2	89	10	80	60	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Blocked by other physical obstacle														
Land survey needed														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Section 25.														

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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								
31	Q 5	Q 2	16	104	7	60	35	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Road needed (resources not presently available) Too wet Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Sections 28 and 29.</p>														
32	Q 4	L 0	25		5	20	40	mixed swamp conifer	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 29.</p>														
33	Q 6	Q 1	8	98	7	100	30	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Road needed (resources not presently available) Too wet Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. T46N, R8W, section 20.</p>														
34	D 0	D 0	36		0	0	25	treed bog	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 29.</p>														
35	E 6	E 1	12		11	120	40	swamp hardwoods	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Tahquamenon river floodplain. Red maple trees with large, expansive crowns and many multiple trunks. Stocking fluctuates with thick herbaceous/grass groundcover. Some interspersed low ridges support more fir and mixed hardwoods. Scattered patches of overstory cedar. Bur oak saplings, poles and sawtimber widely scattered in stand. Tag alder. White spruce, fir, ash and elm are infrequent overstory associates. Red maple and ash regeneration are common. T46N, R9W, section 20.</p>														
36	E 6	E 1	28		11	130	40	swamp hardwoods	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Tahquamenon river floodplain. Red maple trees with large, expansive crowns and many multiple trunks. Stocking fluctuates with thick herbaceous/grass groundcover. Some interspersed low ridges support more fir and mixed hardwoods. Scattered patches of overstory cedar. Bur oak saplings, poles and sawtimber widely scattered in stand. Tag alder. White spruce, fir, ash and elm are infrequent overstory associates. Red maple and ash regeneration are common. T46N, R9W, sections 20 and 21.</p>														
37	R 5	F 1	2	89	10	60	60	red pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle Inadequate volume due to small acreage</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 25.</p>														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	Acrs	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
38	Q 6	Q 1	20	104	7	80	25	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle Land survey needed</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 29.</p>														
39	A 6	M 2	39	89	9	100	60	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Road needed (resources not presently available) Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. T48N, R8W, sections 20 and 29.</p>														
40	A 6	M 2	161	89	9	100	60	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Road needed (resources not presently available) Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. T46N, R8W, sections 29 and 30.</p>														
41	Q 6	Q 1	22	104	7	80	25	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Road needed (resources not presently available) Too wet Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Sections 29 and 30.</p>														
42	N 0	N 0	2		0	0	15	marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - within Tahquamenon River floodplain. Adjacent to Tahquamenon river. T46N, R9W, section 20.</p>														
43	A 6	S 1	3	85	8	70	55	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Road needed (resources not presently available) Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. T46N, R8W, section 30.</p>														
44	N 0	N 0	17		0	0	15	marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Frenchmans lake. Stand fluctuates between being a marsh or pond. T46N, R8W, sections 19 and 30.</p>														

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								
45	L 0	L 0	3		0	0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. T46N, R8W, Section 19.														
46	N 0	N 0	4		0	0	15	marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Tahquamenon River Floodplain. Adjacent to Tahquamenon river. T46N, R9W, section 21.														
47	N 0	N 0	5		0	0	15	marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Tahquamenon River floodplain. Adjacent to Tahquamenon river. Scattered, wolffy red maple poles/sawtimber. Section 22.														
48	D 1	D 0	627		0	0	15	treed bog	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Sections 23 and 24.														
49	C 6	C 2	32	140	9	210	20	cedar	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote stand within floodplain of Tahquamenon River. Sections 25 and 30.														
50	D 2	D 1	532		1	0	25	treed bog	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. T46N, R9W, section 25.														
51	L 0	L 0	419				20	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Sections 29 and 30.														
52	A 6	M 2	3	89	9	100	60	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Adjacent landowner denies access Road needed (resources not presently available) Blocked by other physical obstacle comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 30.														
53	S 1	S 1	9	25	0	0	30	black spruce-swamp	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 30.														
54	A 6	S 1	2	85	9	70	55	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 30.														

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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								
55	Q 3	Q 3	9	42	5	0	30	mixed swamp conifer	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 30.														
56	S 2	S 2	7	25	1	0	30	black spruce-swamp	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 30.														
57	S 5	S 2	4	95	6	50	30	black spruce-swamp	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Too wet														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 30.														
58	A 6	S 1	26	85	8	70	55	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 30.														
59	R 6	S 1	1	85	8	70	55	red pine	sparse	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Blocked by other physical obstacle														
Inadequate volume due to small acreage														
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Section 25.														
60	A 6	S 1	5	85	8	70	55	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 30.														
61	A 6	F 1	1	81	8	70	60	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 30.														

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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								
62	A 6	A 2	9	81	8	70	60	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 30.														
63	S 5	S 2	1	89	6	60	35	black spruce-swamp	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Road needed (resources not presently available)														
Too wet														
Blocked by other physical obstacle														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 31.														
64	Q 3	A 3	18	16	1	0	40	mixed swamp conifer	in process of regeneration	N		80+ years	0	
comnts Fmd : Sale #022-94. Residual overstory of red maple, cedar, black spruce, fir and white birch. Stand is regenerating with maple, aspen, and lowland conifers. Section 36.														
65	W 9	S 1	1	16	16	100	50	white pine	sparse	N		not scheduled	0	
comnts Fmd : Will remove from SCA at 2012 Compartment review as can be managed properly without designation. Low ridge. White pine and red maple saplings present. Infrequent black spruce poles. Section 25.														
66	A 3	F 1	64	16	3	0	50	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Stand originates from sale #019-94. Trembling aspen predominates. Aspen ranges from 24 ft to 35 feet tall. Excellent stocking levels. Patches of M4 along south edge of stand. Fir, white birch, black spruce, cedar, white pine, trembling aspen and red maple poles in stand. Red maple, fir, black spruce, black cherry, white birch, white pine and beech regen found. Tag alder. Sections 31 and 36.														
67	L 0	L 0	107		0	0	15	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Section 36.														
68	A 6	M 2	3	89	10	80	60	aspen (upland)	low quality	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Blocked by other physical obstacle														
Inadequate volume due to small acreage														
comnts Fmd : Will remove from SCA at 2012 Compartment review as can be properly managed without designation. Section 25.														
69	Q 5	S 2	1	44	5	50	40	mixed swamp conifer	sparse	N		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Blocked by other physical obstacle														
Inadequate volume due to small acreage														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 36.														

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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								
70	Q 5	S 2	1	44	5	50	40	mixed swamp conifer	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle Inadequate volume due to small acreage</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 36.</p>														
71	Q 3	S 1	24	34	3	0	40	mixed swamp conifer	immature	N		60-69 years	0	
<p>comnts Fmd : Lowland site. Fir is dominant species. Infrequent tamarack, black spruce, red maple, white pine, white birch, trembling aspen and cedar poles present. Red maple, trembling aspen, black spruce and tamarack regen found. Tag alder present. Section 36.</p>														
72	L 0	L 0	34		0	0	15	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment review as can be properly managed without designation. Section 36.</p>														
73	A 3	F 2	6	16	3	0	50	aspen (upland)	immature	N		50-59 years	0	
<p>comnts Fmd : Sale 018-94 Excellent aspen stocking levels. Stand predominantly trembling aspen with a diameter range of 1" to 6" Dbh. Aspen is approximately 35 ft to 40 ft tall. Infrequent cedar, red maple, white birch, trembling aspen, fir, black spruce and cherry poles present. Fir, black spruce, red maple, white birch and black cherry regen found. Section 36.</p>														
74	Q 5	S 2	10	89	7	70	40	mixed swamp conifer	immature	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Inadequate volume due to low stocking/small diameter/etc. Inadequate volume due to small acreage</p> <p>comnts Fmd : Understory S comprised of both fir and spruce. Red maple, white birch and hemlock regen found. White birch, white pine, hemlock and red maple are infrequent overstory associates. Section 36.</p>														
75	D 1	D 1	264		1	0	25	treed bog	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Sections 35 and 36.</p>														
76	N 0	N 0	318		0	0	15	marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Section 36.</p>														
77	R 6	F 1	1	87	10	90	50	red pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle Inadequate volume due to small acreage</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. F understory is black spruce. White birch, black spruce, white pine and jack pine are overstory associates. White pine and red maple regen found. Higher ridge. Section 26.</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 H	Tot. BA								
78	F 6	F 2	9	79	10	110	50	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle Land survey needed</p> <p>comnts Fmd : SCA - will add to large, inaccessible wetland complex at 2012 Compartment Review. Remote. Red maple, tamarack, fir, white spruce and cedar are uncommon overstory associates. Red maple and fir regen present. Section 36.</p>														
79	F 6	F 2	11	79	10	110	50	spruce-fir (uplands-including upland black spruce)	mature	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle Land survey needed</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. White pine, red maple, tamarack, fir, white spruce and cedar are uncommon overstory associates. Red maple and fir regen present. Section 25.</p>														
80	F 5	F 3	9	79	8	50	50	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Very remote stand. Upland. Aspen and fir falling out of overstory and red maple and fir understory becoming dominant. Fir understory ranges from 16 ft to 30 ft tall. Some purer pockets of black spruce poles. Red maple, trembling aspen and white pine are infrequent overstory associates. White pine, white birch, trembling aspen and tamarack regen present. Section 25.</p>														
81	S 6	S 1	1	101	8	90	40	black spruce-swamp	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle Inadequate volume due to small acreage</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 25.</p>														
82	S 5	S 1	1	101	8	50	40	black spruce-swamp	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle Inadequate volume due to small acreage</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 25.</p>														
83	A 6	A 2	13	79	10	70	50	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 25.</p>														

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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								
84	R 9	S 1	6	100	16	100	50	red pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote stand. Understory F is a mix of fir and black spruce. Tamarack and white birch are infrequent overstory associates. White pine and red maple regen present. Section 25.</p>														
85	S 6	S 1	31	80	7	100	25	black spruce-swamp	immature	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle</p> <p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Remote. Uncommon white birch poles. Sections 26 and 35.</p>														
86	A 3	F 1	33	19	3	0	50	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Stand originates from sale #009-90. Most stems are trembling aspen. Aspen ranges from 20 ft to 30 ft tall. F understory comprised of both fir and black spruce. Tamarack, black cherry, white birch, red maple and white pine regen found. Scattered red maple poles. Sections 25 and 26.</p>														
87	R 6	F 1	3	87	10	190	50	red pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle Inadequate volume due to small acreage</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. F understory is black spruce. White birch, black spruce, white pine and jack pine are overstory associates. White pine and red maple regen found. Higher ridge. Section 25.</p>														
88	S 4	S 2	14	71	5	20	25	black spruce-swamp	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Tamarack regen present. Section 25.</p>														
89	S 6	S 1	7	73	5	100	25	black spruce-swamp	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Many submerchantable spruce stems. Scattered taller spruce present. Section 25.</p>														
90	S 5	S 3	1	73	5	50	25	black spruce-swamp	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 23.</p>														
91	D 3	D 3	138		3	0	25	treed bog	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. T46N, R9W, sections 23 and 26.</p>														
92	S 6	S 1	20	73	6	130	25	black spruce-swamp	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Scattered 5 and 6 stick tall tamarack and black spruce. Cedar and red maple poles present. Sections 23 and 24.</p>														

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA	Site Indx							
93	C 6	C 2	124	140	9	250	20	cedar	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote stand within floodplain of Tahqamenon River. Some patches of larger-sized cedar - 10" to 16" Dbh. Lot of sweep and leaning trees. Widley scattered white birch poles. Many submerchantable stems - very dense. Sections 23 and 24.</p>														
94	N 0	N 0	22		0	0	15	marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Stand is currently a marshy type that looks to be intermittently filled with water - Tahquamenon river floodplain. Sections 24 and 25.</p>														
95	L 0	L 0	1		0	0	15	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Section 22.</p>														
96	C 6	E 1	37	140	9	120	20	cedar	immature	N		20-29 years	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Plentiful tag alder. Black ash regen comprises E1. Infrequent white birch and fir poles present. Sections 22 and 23.</p>														
97	Q 4	Q 1	21	73	8	30	20	mixed swamp conifer	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. T46N, R9W, section 23.</p>														
98	S 6	F 2	2	82	8	70	40	black spruce-swamp	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle Inadequate volume due to small acreage</p>														
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Upland/lowland mix. Some very tall spruce found. Infrequent red maple, trembling aspen and white birch poles. Fir dominates understory. Very remote area. Section 26.</p>														
99	Q 5	Q 2	15	74	6	50	30	mixed swamp conifer	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 23.</p>														
100	S 5	S 3	1	73	7	60	25	black spruce-swamp	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 25.</p>														
101	F 6	F 1	6	85	9	130	38	spruce-fir (uplands-including upland black spruce)	mature	Y	seed tree	within 0-9 years	1	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle</p>														
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Upland. Very little variation in composition and stocking. Very scarce red maple and tamarack poles found. Retain small retention pocket at northwest end of stand. There should be fairly good stocking of submerchantable spruce left after sale. Leave any hemlock, cedar or white pine. Leave some scattered white birch. Acceptable regeneration includes aspen, red maple, white birch, spruce, white pine and fir. Section 26.</p>														
<p>Wld : good as prescribed by forester, protect submerchantable spruce, will provide good rabbit habitat</p>														

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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								
102	A 6	F 2	4	74	10	120	39	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle</p> <p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Tamarack, white spruce and cedar are infrequent overstory associates. Quite high incidence of blowdown. Some aspen are 16" to 18" Dbh. Retain cedar, hemlock and white pine. Acceptable regeneration includes aspen, red maple, white birch, spruce, white pine and fir. Section 26.</p> <p>Wld : leave a few of the huge aspen if they are hollow.</p>														
103	A 3	X 0	17	25	3	0	55	aspen (upland)	in process of regeneration	N		30-39 years	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Trembling aspen stand. Trees 20 to 24 ft tall. Fir, black spruce, white birch, white birch and tamarack saplings found. Stand is fully stocked. Section 26.</p>														
104	A 3	X 0	13	25	3	0	55	aspen (upland)	in process of regeneration	N		30-39 years	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Stand originates from sale #054-83. Stand is fully stocked. Section 26.</p>														
105	A 4	F 2	5	34	4	10	49	aspen (upland)	in process of regeneration	N		30-39 years	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Aspen, spruce and balsam mix. Some white pine regen present also. Section 26.</p>														
106	F 6	F 1	12	75	9	190	38	spruce-fir (uplands-including upland black spruce)	mature	Y	seed tree	within 0-9 years	1	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access</p> <p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. White birch, fir, white pine, cedar are infrequent overstory associates. F understory is fir. Aspen is declining. Retain cedar, white pine, red pine and hemlock. Leave some scattered white birch. Acceptable regeneration includes aspen, red maple, white birch, spruce, white pine and fir. Section 26.</p> <p>Wld : leave trees are OK as prescribed by forester.</p>														
107	A 6	F 1	14	73	11	120	50	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access</p> <p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Mixed softwood comprised of black and white spruce. Aspen in decline. Black spruce and red maple regen present. White spruce, fir, white pine, red maple and bigtooth aspen are infrequent overstory associates. Retain all hemlock, cedar, oak, red pine and white pine. Leave some scattered spruce and white pine. Acceptable regeneration includes aspen, red maple, white birch, spruce, white pine and fir. Section 26.</p> <p>Wld : leave trees are OK as prescribed by forester. Watch for raptor nests when setting up the sale.</p>														
108	S 6	M 1	3	75	10	150	38	black spruce-swamp	mature	N	seed tree	within 0-9 years	1	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access</p> <p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Frequent spruce blowdown. Aspen trees are in decline. Fir poles present. Red maple and fir regen found. Retain all cedar, white pine and hemlock. Acceptable regeneration includes aspen, red maple, white birch, spruce, white pine and fir. Section 26.</p> <p>Wld : leave trees are OK as prescribed by forester.</p>														

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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								
109	Q 6	F 1	2	79	7	100	38	mixed swamp conifer	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access Inadequate volume due to small acreage														
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. White birch and white pine are infrequent overstory associates. Section 26.														
110	S 4	S 2	18	74	4	20	25	black spruce-swamp	sparse	N		30-39 years	0	
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. White pine and tamarack are infrequent overstory associates. Mainly black spruce regen with some fir. Section 26.														
111	S 5	S 2	7	74	4	50	25	black spruce-swamp	sparse	N		not scheduled	0	
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Remote. Infrequent white birch poles. Many sub-merchantable black spruce stems. Very remote area. Section 26.														
112	S 6	F 2	3	82	8	70	40	black spruce-swamp	mature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access Blocked by other physical obstacle Inadequate volume due to small acreage														
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Remote. Upland/lowland mix. Some very tall spruce found. Infrequent red maple, trembling aspen and white birch poles. Fir dominates understory. Very remote area. Section 26.														
113	F 6	F 2	5	82	7	100	40	spruce-fir (uplands-including upland black spruce)	sparse	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access Blocked by other physical obstacle Inadequate volume due to small acreage														
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Upland. Stand being replaced by F understory. Infrequent tamarack and red maple poles. White birch, black spruce, tamarack and red maple saplings present. Very remote area. Section 26.														
114	T 5	T 1	16	74	8	40	30	tamarack	sparse	Y		30-39 years	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access Too wet Blocked by other physical obstacle Inadequate volume due to small acreage														
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Remote. Section 26.														
115	Q 5	Q 2	3	84	6	40	30	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access Blocked by other physical obstacle Inadequate volume due to small acreage														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 35.														
116	S 4	S 2	26	84	4	20	30	black spruce-swamp	immature	Y		40-49 years	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Pure black spruce. Sections 26 and 35.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
117	S 5	L 1	12	84	6	50	30	black spruce-swamp	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Blocked by other physical obstacle														
Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Infrequent white birch and red maple poles found. White birch, tamarack, red maple and black spruce regen present. Old ice road passes through stand. Sections 26 and 35.														
118	S 5	F 2	3	82	8	40	40	black spruce-swamp	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Inadequate volume due to low stocking/small diameter/etc.														
comnts Fmd : Section 35.														
119	L 0	L 0	23			0	15	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Section 35.														
120	A 3	A 1	3	16	2	0	50	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Aspen ranges from 32 to 36 feet tall. Composition mainly trembling aspen. Very heavy stocking. Infrequent white birch, red maple and white spruce poles. Fir, white birch, red maple and hemlock regen present. Sale 25-94. Access from ice road to south. Section 35.														
121	A 3	F 1	67	17	3	0	50	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : Sales #011-93, #025-94, #21-93. Aspen Dbh spans 1" to 6". Excellent stocking. Mixed aspen species. Aspen is 24 ft to 30 ft tall. Infrequent fir poles present. Residual white pine overstory trees. Tamarack, white pine, white birch, fir, black spruce and black cherry regen found. Section 35.														
122	L 0	L 0	10			0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 35.														
123	C 5	Q 1	14	130	9	40	20	cedar	immature	N		40-49 years	0	
comnts Fmd : Section 35.														
124	A 6	F 1	1	60	6	70	45	aspen (upland)	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Blocked by other physical obstacle														
Inadequate volume due to small acreage														
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Section 26.														
125	A 3	F 1	25	16	3	0	50	aspen (upland)	immature	N		40-49 years	0	
comnts Fmd : Stand originates from sale #019-94. Trembling aspen predominates. Aspen ranges from 24 ft to 35 feet tall. Excellent stocking levels. Fir, white birch, black spruce, cedar, white pine, trembling aspen and red maple poles in stand. Patches of F5/F2. Red maple, fir, black spruce, black cherry, white birch, white pine and beech regen found. Tag alder. Sections 31 and 36.														
126	A 6	F 1	8	90	11	90	55	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Blocked by other physical obstacle														
comnts Fmd : Will add to SCA at 2012 compartment review. Remote. Section 35.														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acr es	Age	avg. D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
127	A 6	F 1	4	90	11	90	55	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle comnts Fmd : Will add to SCA at 2012 compartment review. Remote. Section 35.</p>														
128	Q 5	Q 2	24	100	8	50	30	mixed swamp conifer	old growth (potential or actual)	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Too wet Blocked by other physical obstacle Influence zones comnts Fmd : Will add to SCA at 2012 compartment review. Remote. Section 35.</p>														
129	Q 5	Q 2	12	89	10	60	40	mixed swamp conifer	old growth (potential or actual)	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle Too wet Road needed (resources not presently available) comnts Fmd : Will add to SCA at 2012 compartment review. Remote. Section 35. Most overstory trees are of poor quality.</p>														
130	L 0	L 0	12			0	40	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Patches of Q4/E4/E3 within tag alder background. Infrequent black spruce, red maple, white birch, tamarack, trembling aspen and cedar poles present. Red maple saplings found. Section 22.</p>														
131	C 6	S 1	4	140	10	180	35	cedar	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Stand within floodplain of Tahquamenon River. Red maple and white spruce are infrequent overstory associates. T46N, R9W, section 22.</p>														
132	L 0	L 0	3			0	0	40	lowland brush	old growth (potential or actual)	N		not scheduled	0
<p>comnts Fmd : SCA - Tahquamenon River floodplain. Stand adjacent to Tahquamenon river. Section 22.</p>														
134	F 6	F 2	23	108	10	120	40	spruce-fir (uplands including upland black spruce)	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Ridges. Abandoned road accessing stand will most likely need to be a winter road. An alternate MO of aspen is acceptable. Mixed aspen comprised of trembling and bigtooth. Red maple, tamarack, white spruce and white pine are infrequent overstory associates. Red maple, black spruce, white birch, white pine and fir regen present. Reserve 4" Dbh and smaller white birch and spruce. Leave any oak, hemlock, white pine or cedar. Retention will be by reserve area. Acceptable regeneration includes aspen, red maple, white birch, spruce, white pine and fir. Section 22. Wld : leave trees are OK as prescribed by forester.</p>														
135	E 2	L 0	14	29	2	0	40	swamp hardwoods	in process of regeneration	N		60-69 years	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Mix of semi-upland and lowland ground. Tag alder prevalent. Fir, ash, black spruce, trembling aspen, white birch and red maple saplings present. Red maple, trembling aspen and black spruce poles found. Section 22.</p>														

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
					BH	Tot. BA								
136	A 6	M 2	5	72	11	100	30	aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. White birch, cedar, fir and yellow birch are infrequent overstory associates. Sugar maple, red maple, white birch, elm and yellow birch regen present. M understory is approximately 24 ft tall. Reserve cedar, hemlock and white pine. Access road has some mucky sections, so will need special consideration. Many aspen fall within the 14 inch Dbh range. Acceptable regeneration includes aspen, red maple, white birch, yellow birch, spruce, white pine and fir. Section 22.</p> <p>Wld : leave trees are OK as prescribed by forester.</p>														
137	A 3	F 1	29	20	3	0	55	aspen (upland)	immature	N		20-29 years	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Both bigtooth and trembling aspen in stand. High stocking levels. Some patches with larger saplings/small poles. Aspen is approximately 34 ft tall. High number of red maple saplings. White spruce, fir, white birch, black spruce, balsam poplar, yellow birch, elm, sugar maple and ash saplings present. Site is series of low ridges and small lowland inclusions. Infrequent trembling aspen, black ash, sugar maple, red maple, yellow birch, fir, cedar and hemlock poles found. Section 22.</p>														
138	E 6	E 1	38		11	120	40	swamp hardwoods	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Tahquamenon river floodplain. Red maple trees with large, expansive crowns and many multiple trunks. Stocking fluctuates with thick herbaceous/grass groundcover. Some interspersed low ridges support more fir and mixed hardwoods. Scattered patches of overstory cedar. Bur oak saplings, poles and sawtimber widely scattered in stand. Tag alder. White spruce, fir, ash and elm are infrequent overstory associates. Red maple and ash regeneration are common. Section 22.</p>														
139	E 6	E 1	37		9	100	60	swamp hardwoods	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Too wet Influence zones</p>														
<p>comnts Fmd : SCA - Tahquamenon River floodplain. Red maple trees with larger, expansive crowns and many multiple trunks. Stocking fluctuates with thick herbaceous/grass groundcover. Tag alder. Some patches more dominated by ash than red maple in the overstory. Black spruce, trembling aspen and fir also found in overstory. Elm, ash, white spruce, fir, yellow birch and cedar regen found. Scattered bur oak saplings, poles and sawtimber found throughout stand. T46N, R9W, section 21.</p>														
140	N 0	N 0	4			0	40	marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - Tahquamenon River floodplain. T46N, R9W, section 21.</p>														
141	E 6	E 1	1		11	130	67	swamp hardwoods	low quality	N		not scheduled	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Remote. Section 25.</p>														
142	A 6	M 2	23	26	5	70	55	aspen (upland)	immature	N		30-39 years	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. High sapling species diversity. This stand originated from sale #048-82. Balsam poplar, sugar maple, red maple, fir, white spruce, cedar, hemlock, yellow birch, black cherry, elm and black spruce saplings found. Tamarack, hemlock, sugar maple, fir, red maple, cedar and yellow birch are infrequent overstory associates. T46N, R 9W, section 21.</p>														
143	Q 6	E 1	78	99	10	150	40	mixed swamp conifer	immature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Cedar or Hemlock cutting restraints Delayed treatment for age/size class diversity</p>														
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Stand composition and stocking varies. Many small L types and drainages bisect stand. Black ash, fir and trembling aspen poles found. Tag alder common. Black spruce, cedar, fir, red maple, ash and white spruce regen present. Cedar regen is locally abundant. T46N, R9W, section 21.</p>														

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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								
144	N 0	N 0	4			0	40	marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Tahquamenon River floodplain. T46N, R9W, section 21.														
145	L 0	L 0	15			0	40	lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of Tahquamenon River floodplain. White pine, tamarack, cedar, black spruce and red maple poles found. Red maple, white birch, cedar and fir regen present. Tag alder and willow. Cedar saplings run from 3' to 16' tall. T46N, R9W, section 21.														
146	S 6	S 1	29	89	8	140	30	black spruce-swamp	immature	Y		10-19 years	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Too wet														
Delayed treatment for age/size class diversity														
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. White pine, tamarack, trembling aspen and hemlock are infrequent overstory associates. Fir, red maple, black spruce and cedar regen present. T46N, R9W, section 19 and 20. Mixed hardwood pulp comprised of white birch and red maple. Cedar is in small patches with pure black spruce type surrounding.														
147	E 6	S 1	61		9	90	50	swamp hardwoods	immature	N		20-29 years	0	
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Small upland patches supporting spruce within surrounding lowlands. Cedar and trembling aspen poles found. Red maple, fir, black spruce and ash regen present. Tag alder. T46N, R9W, sections 20 and 21.														
148	F 6	F 2	3	108	10	80	40	spruce-fir (uplands-including upland black spruce)	mature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Blocked by other physical obstacle														
Inadequate volume due to small acreage														
comnts Fmd : Remote. Section 36.														
149	F 6	F 2	1	108	10	80	40	spruce-fir (uplands-including upland black spruce)	immature	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Blocked by other physical obstacle														
Inadequate volume due to small acreage														
comnts Fmd : Remote. Section 36.														
150	F 6	F 2	1	108	10	70	40	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u>														
Adjacent landowner denies access														
Blocked by other physical obstacle														
Inadequate volume due to small acreage														
comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 36.														

* 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. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
151	F 6	F 2	2	108	10	70	40	spruce-fir (uplands-including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle Inadequate volume due to small acreage</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 36.</p>														
152	L 0	L 0	18			0	40	lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. T46N, R9W, section 20.</p>														
155	E 5	S 1	44	84	6	50	55	swamp hardwoods	sparse	Y		30-39 years	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Too wet Inadequate volume due to low stocking/small diameter/etc.</p> <p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. T46N, R9W, section 20.</p>														
156	L 0	L 0	6			0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Section 36.</p>														
157	S 6	F 1	3	75	9	80	41	black spruce-swamp	immature	N		20-29 years	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Section 26.</p>														
158	L 0	L 0	1			0		lowland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Scattered spruce saplings. Section 22.</p>														
160	Q 6	S 2	19	86	9	100	30	mixed swamp conifer	immature	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Influence zones Delayed treatment for age/size class diversity</p> <p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Cedar regeneration common. Fir, black spruce and red maple regen found. Infrequent white pine in overstory. T46N, R9W, section 19 and 20.</p>														
161	P 6	S 2	59		11	120	50	balsam poplar & swamp aspen and swamp white birch	mature	N	final harvest	within 0-9 years	1	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. The site varies from wet, semi-upland to upland. Aspen and spruce vary in density throughout stand. Aspen is in serious decline. Certain areas will regenerate to primarily aspen while others will support mixed swamp conifers. Black cherry, bigtooth aspen, ash, elm, yellow birch, balsam poplar, hemlock and white pine are overstory associates. Cedar regeneration is fairly abundant - ranging from 2 ft to 16 ft tall. Red maple, black spruce, fir, black cherry, white birch, elm and ash regen found. Retain hemlock and cedar. Some cedar may need to be removed for logging equipment operability. Acceptable regeneration includes aspen, red maple, black cherry, elm, yellow birch, white birch, spruce, white pine, lowland conifers and fir. T46N, R9W, section 19.</p> <p>Wld : leave a few retention patches with mature aspen, birch and cherry. Leave white pine unless needed for maneuverability or if there is a lot.</p>														

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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								
162	N 0	N 0	1			0	40	marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Tahquamenon River floodplain. T46N, R9W, section 19.														
163	N 0	N 0	2			0	40	marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Tahquamenon River floodplain. T46N, R9W, section 19.														
165	L 0	L 0	10			0	20	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Dense tag alder. Infrequent tamarack, cedar, white pine and black spruce overstory trees. Fir and tamarack saplings found. T46N, R9W, section 19.														
166	Q 6	S 1	13	75	10	140	30	mixed swamp conifer	mature	N	shelterwood-prep	within 0-9 years	1	
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. T46N, R9W, section 19. Infrequent trembling aspen, balsam poplar and fir poles present. White birch, fir and cedar regen is present. Tag alder in some areas. Cedar regeneration is fairly abundant. Retain cedar, white pine and hemlock. May need to remove some overstory cedar for logging equipment operability. Acceptable regeneration includes aspen, red maple, white birch, yellow birch, elm, spruce, white pine, lowland conifers and fir. Wld : leave trees are OK as prescribed by forester.														
167	E 2	L 0	1			0		swamp hardwoods	sparse	N		not scheduled	0	
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. T46N, R9W, section 19. Tag alder and willow abundant. Elm, fir, red maple and trembling aspen regen found. Infrequent trembling aspen, red maple, white birch, black spruce and elm poles.														
168	L 0	L 0	2			0	20	lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. T46N, R9W, section 19.														
169	A 6	M 1	47	26	6	80	55	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Mix of bigtooth and trembling aspen in overstory and understory. Aspen Dbh ranges from 3" to 9". Very high tree species diversity. Stand lies on broad, gentle east facing slope. Cedar, white pine, ash, red maple, fir, yellow birch, white birch, hemlock, white spruce and beech are infrequent overstory associates. Elm, mountain maple, black cherry, ash, white spruce, fir, trembling aspen, red maple, sugar maple, yellow birch, beech, white pine, hemlock, black spruce and tamarack regen found. Some small hills. T46N, R9W, section 19.														
170	M 9	M 2	11		14	180	55	northern hardwood	unevenaged	Y	selection	within 0-9 years	2	
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. M understory dominated by sugar maple. White birch, hemlock and trembling aspen are infrequent overstory associates. Hemlock, beech and fir regen present. Fairly nice quality sugar maple logs. Attempt to retain most cherry and yellow birch but may need to remove some. May remove some beech. Retain hemlock, spruce, cedar and white pine. T46N, R9W, section 19. Wld : leave trees are OK as prescribed by forester.														
171	Z 0	Z 0	94			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : The Tahquamenon river.														

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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
173	R 9	F 1	2	87	16	90	50	red pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 36.</p>														
174	D 2	D 1	265		1	0	25	treed bog	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Sections 25 and 26.</p>														
175	L 0	L 0	58			0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : Will add to SCA at 2012 compartment review. Remote. Section 35.</p>														
176	L 0	L 0	1			0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : Will add to SCA at 2012 compartment review. Remote. Section 35.</p>														
177	L 0	L 0	74			0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : Will add to SCA at 2012 compartment review. Remote. Section 35. Sage River meanders through stand.</p>														
178	L 0	L 0	2			0	15	lowland brush	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : Will add to SCA at 2012 compartment review. Remote. Section 35. Sage River meanders through stand.</p>														
179	X 0	X 0	8			0		other non-stocked or non-forest or non-productive	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Active railroad tracks and ROW.</p>														
180	N 0	N 0	16		0	0	15	marsh	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Section 25.</p>														
181	Z 0	Z 0	4			0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Big Ditch and Sage River. Section 35.</p>														
182	C 6	S 1	2	140	10	210	35	cedar	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA - stand within floodplain of Tahquamenon River. T46N, R9W, section 22.</p>														

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B	Tot. BA								
183	A 6	S 1	4	85	8	70	55	aspen (upland)	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Road needed (resources not presently available) Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. Section 30.</p>														
184	R 6	F 1	1	87	10	90	50	red pine	immature	Y		20-29 years	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Blocked by other physical obstacle Inadequate volume due to small acreage</p> <p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Remote. F understory is black spruce. White birch, black spruce, white pine and jack pine are overstory associates. White pine and red maple regen found. Higher ridge. Section 26.</p>														
185	S 6	E 1	3	73	7	90	50	black spruce-swamp	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Adjacent landowner denies access Road needed (resources not presently available) Too wet Blocked by other physical obstacle</p> <p>comnts Fmd : SCA - part of large, inaccessible wetland complex. Remote. T46N, R8W, section 20.</p>														
186	Q 3	Q 3	3	33	5	0	30	mixed swamp conifer	old growth (potential or actual)	N		not scheduled	0	
<p>comnts Fmd : SCA -part of large, inaccessible wetland complex. Remote. Section 30.</p>														
187	M 6	F 2	5		10	190	60	northern hardwood	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Recreational site Scenic values/visual values Influence zones</p> <p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Upland. F understory comprised of fir. Balsam poplar, white birch, yellow birch, black ash and cedar are infrequent overstory associates. Cedar and hemlock regen common. Red maple saplings present. Dispersed campsite and unofficial boatlaunch located in stand. Small clumps of Canada yew. Remnant pilings remain from old boathouse which Recreation Division removed several years ago. Two small sheds also at site. 20 ft wide linear wetland with fairly steep banks forms west boundary of stand. Section 22.</p>														
188	M 3	X 0	5		3	0	60	northern hardwood	immature	N		50-59 years	0	
<p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Upland. Stand on north facing slope which transitions to wetland. Majority of stems are red maple coppice standards. M3 is approximately 24 ft to 30 ft tall. Isolated, residual 4"-5" Dbh fir and maple. Infrequent white birch, hemlock, trembling aspen and white spruce poles present. Beech, white birch, sugar maple, red maple, fir, hemlock, yellow birch, bur oak, trembling aspen, cedar, ash and white spruce regen present. Old blue paint line along south boundary. T46N, R9W, section 21.</p>														
189	M 6	F 1	3		10	170	60	northern hardwood	unevenaged	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Blocked by other physical obstacle Inadequate volume due to small acreage</p> <p>comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. Upland. Stand on gentle slope which transitions to wetland. Stocking of red maple poles erratic with some sparse areas. Areas without hemlock in overstory have lower overall BA. Fir and black spruce are infrequent overstory associates. Hemlock, white spruce, white pine, sugar maple and red maple regen found. T46N, R9W, section 21.</p>														

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Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	BH	Tot. BA							
190	X 0	X 0	1			0	other non-stocked or non-forest or non-productive	low quality	N		not scheduled	0	
comnts Fmd : DNRE Recreation Division manages this site as a public water access site. A boatlaunch, outhouse and dock are maintained during snow-free months. Section 22.													
191	A 6	F 2	4	84	11	140	55 aspen (upland)	mature	Y	final harvest	within 0-9 years	1	
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. T46N, R9W, section 19. Aspen in serious decline. Fir and white spruce regen present. Hemlock, cedar, white pine, elm and white spruce are infrequent overstory associates. Retain cedar, white pine and hemlock. Leave any oak if present. Acceptable regeneration includes aspen, red maple, white birch, spruce, black cherry, oak, white pine and fir.													
Wld : leave trees are OK as prescribed by forester.													
192	E 2	L 0	2			0	swamp hardwoods	in process of regeneration	N		60-69 years	0	
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. T46N, R9W, section 19. Tag alder and willow abundant. Elm, fir, red maple and trembling aspen regen found. Infrequent trembling aspen, red maple, white birch, black spruce and elm poles.													
193	N 0	N 0	1			0	marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Tahquamenon River floodplain. T46N, R9W, section 19.													
194	N 0	N 0	1			0	marsh	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - Tahquamenon River floodplain. T46N, R9W, section 19.													
195	Q 6	S 2	5	86	9	100	30 mixed swamp conifer	immature	Y		20-29 years	0	
<u>Treatment Limiting Factors:</u>													
Adjacent landowner denies access													
Inadequate volume due to small acreage													
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. T46N, R9W, section 19.													
196	P 6	S 2	25		11	120	50 balsam poplar & swamp aspen and swamp white birch	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - stand follows south edge of Tahquamenon river floodplain. The site varies from wet, semi-upland to upland. Aspen and spruce vary in density throughout stand. Aspen is in serious decline. Certain areas will regenerate to primarily aspen while others will support mixed swamp conifers. Black cherry, bigtooth aspen, ash, elm, yellow birch, balsam poplar, hemlock and white pine are overstory associates. Cedar regeneration is fairly abundant - ranging from 2 ft to 16 ft tall. Red maple, black spruce, fir, black cherry, white birch, elm and ash regen found. T46N, R9W, section 19.													
197	S 6	E 1	1	73	7	90	50 black spruce-swamp	immature	N		10-19 years	0	
comnts Fmd : Will remove from SCA at 2012 Compartment Review as can be properly managed without designation. T46N, R9W, Section 20.													
198	L 0	L 0	3			0	15 lowland brush	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : SCA - part of large, inaccessible wetland complex. Section 36.													

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 118 Entry Year: 2012

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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							
199	Z 0	Z 0	5			0		water	nonstocked	N		not scheduled	0	

comnts Fmd : Sage River. Sections 28 and 29.

Total Acres..... 6328