

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

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
1	M 6	M 2	39	56	9	120	54	northern hardwood	immature	Y	selection	within 0-9 years	1	
<p><u>Treatment Limiting Factors:</u>                      Land survey needed                      Adjacent landowner denies access</p> <p>comnts Fmd : 2005 kgr comments: Northern Hardwood stand that features Sugar Maple. Stand has never been treated. Need to explore disposal of this parcel since it is landlocked by private property. Did not visit this stand. Plot taken in similar appearing stand based on aerial photograph interpretation. Used Site Index of record. Survey would be necessary to launch a timber sale. Only one corner is established.                      LANDLOCKED 40, DISPOSE OF IT</p>														
2	M 6	M 2	81	55	8	90	55	northern hardwood	immature	N	selection	within 0-9 years	3	
<p>comnts Fmd : 2005 kgr comments: Northern Hardwood stand featuring Sugar Maple. There is some Beech, Basswood and Aspen mixed in the stand. Lots of small dbh timber. Pockets with a fair amount of Aspen. It will be going to a lot of trouble to remove the aspen. Rolling terrain. Stand is bounded on the south by a pipeline and is bisected by a Snowmobile Trail. There is also a pipeline/trail road along the east edge of the stand.                      1995 Comments: CUT THE ASPEN CLONES IN TEN YEARS</p>														
3	M 6	M 2	3	55	8	90	55	northern hardwood	immature	N	selection	within 0-9 years	3	
<p>comnts Fmd : 2005 kgr comments: Northern Hardwood stand featuring Sugar Maple. There is some Beech, Basswood and Aspen mixed in the stand. Lots of small dbh timber. Pockets with a fair amount of Aspen. It will be going to a lot of trouble to remove the aspen. Rolling terrain. Stand is bounded on the north by a pipeline and by private land on the south. 1995 Comments: CUT THE ASPEN CLONES IN TEN YEARS</p>														
4	R 6	M 1	6	45	8	230	58	red pine	immature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : 2005 kgr Comments: This is a Red Pine plantation with North/South rows. The stand is bounded on the north side by the Snowmobile Trail/pipeline. Stand needs to be row thinned. Remove every third row.</p>														
5	R 6	M 1	41	45	8	230	58	red pine	immature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : 2005 kgr Comments: This is a Red Pine plantation with North/South rows. The stand is bounded on the south by the Snowmobile Trail/pipeline. Stand needs to be row thinned. Remove every third row.</p>														
6	A 4	L 0	5	56	9	30	51	aspen (upland)	sparse	Y	final harvest	within 0-9 years	2	
<p>comnts Fmd : 2005 kgr comments: Quaking Aspen pocket growing in a low area between the plantations. Aspen is in poor condition and may regenerate if harvested now. Stand is wet and may flood more heavily once these trees are cut. Regenerating this stand could be a bit of a risk. There is good wildlife cover here now which is especially valuable since it is positioned between the plantations. The stand is bounded on the south by the pipeline/snowmobile trail. Old site index information was used.</p>														
7	R 6	M 1	22	45	8	230	58	red pine	immature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : 2005 kgr Comments: This is a Red Pine plantation with North/South rows. The stand is bounded on the south by the Snowmobile Trail/pipeline and the east side is up against Blue Lake Road.. Stand needs to be row thinned. Remove every third row.</p>														
8	A 4	L 0	7	56	9	30	51	aspen (upland)	sparse	Y	final harvest	within 0-9 years	2	
<p>comnts Fmd : 2005 kgr comments: Quaking Aspen pocket growing in a low area between the plantations. Aspen is in poor condition and may regenerate if harvested now. Stand is wet and may flood more heavily once these trees are cut. Regenerating this stand could be a bit of a risk. There is good wildlife cover here now which is especially valuable since it is positioned between the plantations. The stand is bounded on the north by the pipeline/snowmobile trail and the south boundary is against private land. Old site index information was used.</p>														
9	R 6	M 1	18	45	8	230	58	red pine	immature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : 2005 kgr Comments: This is a Red Pine plantation with North/South rows. The stand is bounded on the north side by the Snowmobile Trail/pipeline, the south side is against private land and the east side is along Blue Lake Road. Stand needs to be row thinned. Remove every third row.</p>														
10	U 0	U 0	31		0	0	38	upland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : 2005 kgr stand exam comments: Mostly cherry and shrubs with scattered timber. Stand is bisected by a trail road.</p>														

TRAVERSE CITY FOREST MGT UNIT

Stand Level Information

Compartment: 106 Entry Year: 2008

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
15	M 6	M 1	9	43	6	80	58	northern hardwood	immature	N		20-29 years	0	
comnts Fmd : 2005 KGR stand exam comments: Young Northern Hardwood stand. No Aspen here. Mostly Sugar Maple with some Beech mixed in. Small diameter. Stand may have been cut in the 50's. Terrain is Hilly.														
16	M 6	M 1	27	43	6	80	58	northern hardwood	immature	N		20-29 years	0	
comnts Fmd : 2005 KGR stand exam comments: Young Northern Hardwood stand. No Aspen here. Mostly Sugar Maple with some Beech mixed in. Small diameter. Stand may have been cut in the 50's. Terrain is Hilly.														
17	A 6	M 1	20	64	8	110	63	aspen (upland)	immature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : 2005 KGR stand exam comments: Snowmobile trail/pipeline is the south boundary the stand. North and west sides of the stand are private property. Stand contains plenty of Aspen in many areas. Clearcut these Aspen dominated areas. Leave pockets that are pure hardwoods. Stand varies considerably from mixed aspen/hardwood, to heavy hardwood, to heavy aspen. Lots of small dbh stems. Many places, the stand is not uniform spacing and there are lots of multiple stem clumps. Terrain is rolling to hilly.														
18	U 0	U 0	1		0	0	38	upland brush	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 kgr stand exam comments: Mostly cherry and shrubs with scattered timber.														
19	U 0	U 0	2		0	0	38	upland brush	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 kgr stand exam comments: Mostly cherry and shrubs with scattered timber.														
20	A 6	M 1	40	64	8	110	63	aspen (upland)	immature	Y	final harvest	within 0-9 years	1	natural regeneration
comnts Fmd : 2005 KGR stand exam comments: Snowmobile trail bisects the stand. Stand contains plenty of Aspen in many areas. Clearcut these Aspen dominated areas. Leave pockets that are pure hardwoods. Stand varies considerably from mixed aspen/hardwood, to heavy hardwood, to heavy aspen. Lots of small dbh stems. Many places, the stand is not uniform spacing and there are lots of multiple stem clumps. Terrain is rolling to hilly.														
21	A 3	M 1	74	7	1	0	58	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : 2005 KGR stand exam comments: Clearcut in 1998. Big Tooth Aspen regenerating nicely. Ground Cover is bracken fern. Terrain is rolling to hilly. Retained site index of record. 1998 Post Timber Sale Update: This stand was part of a large timber sale (103-97-01). The sale was cut in August/September of 1998.														
22	A 3	A 3	102	28	3	0	75	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : 2005 KGR stand exam comments: Stand is doing fine after being harvested in the late 1970's. Stems are just approaching poles size. Several species mixed in but Big Tooth Aspen dominates. The Snowmobile/ORV trail bisects the stand. Rolling terrain.														
23	M 8	M 3	48		12	40	55	northern hardwood	unevenaged	N		30-39 years	0	
comnts Fmd : 2005 KGR stand exam comments: A rather unique stand. Merchantable timber basically consists of scattered multi-stem clumps of Sugar Maple and Beech. Some Quaking Aspen is mixed in and a few small dbh single stem Maple/Beech are coming in the understory. There is lots of Northern Hardwood regeneration present. Pockets of open or semi-open areas with regeneration invading. No treatment needed here. Let the Aspen die out and wait for the hardwood regeneration develop further. Too much damage would occur to the hardwood regeneration if we attempted to get the aspen out now. The ORV trail/Snowmobile Trail bisect this stand. Terrain here is rolling.														
24	M 6	M 2	173		8	110	55	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : 2005 KGR stand exam comments: The ORV trail/Snowmobile Trail bisects this stand. Stand is generally located on a side slope with an Easterly aspect. The trees are small dbh in some areas and in places they are growing in clumps. There is a variety of species on the site, including ironwood, basswood, sugar maple, and beech. Hold for 10 years. Used site index that was on record. Terrain here is rolling.														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Acres	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
25	A 3	J 2	147	7	1	10	60	aspen (upland)	immature	N		50-59 years	0	
<p>comnts Fmd : 2005 stand exam KGR comments: The stand is regenerating nicely with Quaking Aspen dominating. Some areas of natural Jack Pine regeneration. Red Pine and White Pine regeneration is mixed in throughout the sale area. Residual Red Pine is very scattered or in small clumps. Leave the residual timber in place since it softens the visual impact yet and it adds to the diversity of the area. The stand may be split up once we get new air photos. ORV/Snowmobile trails bisect the stand. Old notes from previous stand examinations and updates: CUT THE STAND, LEAVE THE RED PINES OAK, TOTAL TREE HARVEST ONLY HEAVY W PINE WEEVIL DAMAGE. 1999 Update note - Sale completed in late winter / early spring of 1999. Not much residual anything. Not sure what we will have here. Need to monitor site for reproduction status. Red Pine is concentrated towards the south central area of the stand. The stand management objective is listed in OI as being Aspen. If that is the case, we are in trouble. High stumps were cut lower where they could be cut. Many large multiple stem stumps remain quite high.</p>														
26	R 9	M 2	4	61	14	110	53	red pine	immature	N		not scheduled	0	
<p>comnts Fmd : 2005 KGR stand exam comments: Pocket of conifer up on top of a hill with steep slopes. Old ORV trail leads up over the top. Nature is managing this stand just fine. Stand is unique and should be left because of the diversity that it adds to the area. A few Red Pine saplings are coming in. Much of the timber is growing on the sideslopes and would be difficult to harvest because of the terrain.</p>														
27	A 3	A 3	113	7	1	0	51	aspen (upland)	immature	N		40-49 years	0	
<p>comnts Fmd : 2006 KGR stand exam comments: Stand is regenerating nicely with Big Tooth and Quaking Aspen. Terrain is rolling and hilly. 1999 timber sale update comments: This stand was part of a large timber sale (103-97-01). This stand was shown in OI originally as being 88 acres. The sale indicates the stand to have been 120 acres. The sale acreage number looks to be more accurate.</p>														
28	U 0	U 0	11		0	0	38	upland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : 2005 kgr stand exam comments: Mostly cherry and shrubs with scattered timber.</p>														
29	A 6	M 1	14	64	8	110	63	aspen (upland)	immature	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : 2005 KGR stand exam comments: Stand contains plenty of Aspen in many areas. Clearcut these Aspen dominated areas. Leave pockets that are pure hardwoods. Stand varies considerably from mixed aspen/hardwood, to heavy hardwood, to heavy aspen. Lots of small dbh stems. Many places, the stand is not uniform spacing and there are lots of multiple stem clumps. Terrain is rolling to hilly.</p>														
30	A 6	M 1	9	64	8	110	63	aspen (upland)	immature	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : 2005 KGR stand exam comments: Stand contains plenty of Aspen in many areas. Clearcut these Aspen dominated areas. Leave pockets that are pure hardwoods. Stand varies considerably from mixed aspen/hardwood, to heavy hardwood, to heavy aspen. Lots of small dbh stems. Many places, the stand is not uniform spacing and there are lots of multiple stem clumps. Terrain is rolling to hilly with a mostly East aspect..</p>														
31	U 0	U 0	5		0	0	38	upland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : 2005 kgr stand exam comments: Mostly cherry and shrubs with scattered timber.</p>														
32	A 6	M 1	6	64	8	110	63	aspen (upland)	immature	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : 2005 KGR stand exam comments: Stand contains plenty of Aspen in many areas. Clearcut these Aspen dominated areas. Leave pockets that are pure hardwoods. Stand varies considerably from mixed aspen/hardwood, to heavy hardwood, to heavy aspen. Lots of small dbh stems. Many places, the stand is not uniform spacing and there are lots of multiple stem clumps. Terrain is rolling to hilly with a mostly East aspect..</p>														
33	R 6	M 1	4	45	8	190	56	red pine	immature	Y	thinning	within 0-9 years	1	
<p>comnts Fmd : 2005 kgr stand exam comments: Red Pine plantation that is mostly polesize now. A few sawlog size stems. Remove every third row now. Caution: The south end of the stand extends onto private land.</p>														
34	U 0	U 0	2		0	0	38	upland brush	nonstocked	N		not scheduled	0	
<p>comnts Fmd : 2005 kgr stand exam comments: Mostly cherry and shrubs with scattered timber.</p>														

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Stand Level Information

Compartment: 106 Entry Year: 2008

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	A c r e s	Age	avg. D		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA								
35	U 0	U 0	2		0	0	38	upland brush	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 kgr stand exam comments: Mostly cherry and shrubs with scattered timber.														
36	M 6	M 1	137	43	8	80	59	northern hardwood	immature	N		10-19 years	0	
comnts Fmd : 2005 kgr stand exam comments: Northern Hardwood stand that appears to be developing a fair number of crop potentialtrees. Some Aspen and White Birch scattered through the stand. Check in ten years for treatment needs. Stand is dominated by Sugar Maple. Lots of small dbh stems now. A pipeline is located underground from the well site clearing northward through the stand.														
37	A 3	M 1	2	7	1	0	58	aspen (upland)	immature	N		50-59 years	0	
comnts Fmd : 2005 kgr stand exam comments: Quaking Aspen stand was clearcut in 1998 and is now regenerating nicely. Gated access road is in place on state land. Not sure of the conditions attached to this roadway. Terrain is flat. 1999 Timber sale update comments: This three acre stand was clearcut in August & September of 1998. It was part of a larger timber sale (103-97-01).														
38	R 6	M 1	21	45	8	190	56	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 2005 kgr stand exam comments: Red Pine plantation that is mostly polesize now. A few sawlog size stems. Remove every third row now. Caution: The south end of the stand extends onto private land.														
39	A 3	M 1	8	28	3	0	62	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : 2005 KGR stand exam comments: Quaking Aspen stand is regenerating nicely after 1978 clearcut. Just beginning to reach polesize. Terrain is relatively flat.														
40	M 5	M 1	33	59	8	60	54	northern hardwood	immature	N		20-29 years	0	
comnts Fmd : 2005 KGR stand exam comments: Northern Hardwood stand with some potential crop trees developing but there are lots of multiple stem clumps here too. Many small dbh stems. May be a stand to manage for fiber - or at least part of it. Pockets of better quality and higher density. Used site index of record. Terrain is rolling.														
41	R 6	M 1	6	45	8	200	70	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 2005 kgr stand exam comments: This stand is planted red pine on a rolling hilly site. A trail road bisects the stand and the west side of the stand bounds against private property. Very few sawbolts here, it is mostly pulpwood. Row thin this along with other nearby red pine stands. Rows are distinguishable but many places are confusing and may need judgement calls by the harvester or marker. Not sure that we have access rights on the existing trail road across the private land.														
42	M 5	A 2	55	71	8	50	56	northern hardwood	two aged	N		20-29 years	0	
comnts Fmd : 2005 KGR stand exam comments: Northern Hardwood stand that appears to have had all the aspen and white birch removed during a recent cutting. Two aged and mixed composition now. Hard Maple dominates the stand but there is a significant amount of Beech here too. Understory is Beech and Maple. Ground cover is bracken fern. Areas of the stand probably will be ready for thinning in 10-20 years. At this time, nothing is needed. Many potential crop trees are developing. Nice stand. Some small pockets of A3 have developed since the cutting. Terrain is rolling. Site Index of record was used. Stand varies from M6 to M4A3.														
43	R 6	M 1	1	45	8	200	70	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 2005 kgr stand exam comments: This stand is planted red pine on a rolling hilly site. It is an extension of the larger pine stand located a few chains north and west of here. The south boundary of the stand is against private property. Very few sawbolts here, it is mostly pulpwood. Row thin this along with other nearby red pine stands. Rows are distinguishable but many places are confusing and may need judgement calls by the harvester or marker. Not sure that we have access rights on the existing trail road across the private land.														
45	A 3	M 1	59	26	3	0	70	aspen (upland)	immature	N		30-39 years	0	
comnts Fmd : 2005 KGR stand exam comments: Stand was clearcut around 1980. Good Quaking Aspen regeneration has developed. Red Pine and White Pine can be found in the form of poles, small sawlogs and saplings scattered throughout the stand. The stand is bisected by the Snowmobile/ORV Route/ORV trail.														

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					B H	Tot. BA								
46	M 6	M 2	1		8	110	55	northern hardwood	unevenaged	N		10-19 years	0	
comnts Fmd : 2005 KGR stand exam comments: Small hardwood stand. Simply a pocket of diversity that was excluded from the large clearcut that was done in 1999. Hold for 10 years. Could thin in the future as a small firewood sale if necessary to treat. Not a big enough stand to treat commercially. Site index estimated from assessments of nearby stands. Terrain here is rolling.														
47	U 0	U 0	1		0	0	38	upland brush	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 kgr stand exam comments: Small U-type pocket consisting of mostly cherry and shrubs with scattered timber.														
48	R 8	A 3	152	19	14	50	60	aspen (upland)	two aged	N	delayed removal	within 0-9 years	2	
comnts Fmd : 2005 KGR stand exam comments: Stand was cut in the late 1980's. All except Red Pine was cut. There is a good stocking of Quaking Aspen regeneration. Lots of Red Pine seedlings and saplings are coming in beneath the residual Red Pine log trees. Jack Pine, Oak and White Pine can be found in the stand in places. Some areas will convert to oak. Not attempting to manage for Red Pine due to the intense competition from aspen and other species that are already established. Remove the merchantable Red Pine now. Snowmobile Trail/ORV Trail & ORV Route all bisect this stand. Terrain within this stand is flat.														
49	R 9	O 2	61	71	12	80	63	red pine	two aged	N	selection	within 0-9 years	2	natural regeneration
comnts Fmd : 2005 KGR stand exam comments: Stand was cut in 1987 when all except Red Pine was removed. Some areas have good advanced oak regeneration beneath the Red Pine overstory. Lots of Red Maple sprouts too. Stand needs to be marked. Basal area varies from 160 - 20 square feet. Reduce residual Red Pine BA to about 40 square feet in an effort to promote more of the oak seedlings. A classic example of the use of pine overstory to nurse along oak seedlings in the understory.														
50	R 7	O 2	56	19	14	30	55	oak	immature	N	delayed removal	within 0-9 years	1	
comnts Fmd : 2006 KGR stand exam comments: Stand was cut in 1987. All was cut except Red Pine. There is good advanced oak regeneration in place along with some natural red pine regeneration in places. There is also a lot of stump sprouted Red Maple and Cherry and some scattered patches of Aspen regeneration. Some Jack Pine is mixed in too. Basal Area of merchantable timber varies from 70 - 10 square feet. Stand could hold for 10 more years.														
51	J 6	W 1	8	61	9	80	48	white pine	mature	Y	selection	within 0-9 years	2	natural regeneration
comnts Fmd : 2005 KGR stand exam comments: This stand is difficult to type. Clearly, the jack pine is old and needs to come out. Prescription is to remove all jack pine, red maple and aspen now. Leave all other species. Some oak component and lots of Red Pine and White Pine along the East edge. Various species of regeneration in place now. New stand will be mixed and will evolve from the natural regeneration that is already in place and from the spouts and stump sprouts that will evolve after the harvest. A mixed composition will be acceptable as long as the stocking is at least in the medium category. The stand is within the Deward Tract.														
52	Q 6	Q 2	11		9	100	58	mixed swamp conifer	unevenaged	N		not scheduled	0	
comnts Fmd : 2006 KGR stand exam comments: Stand is upon a site with a high water table. Small patches of high ground. Mixed conifer species with Tamarack, spruce, balsam fir and other species. Some Red Maple and large White Pine and Red Pine trees are scattered and in pockets. A scattering of oak seedlings can be found. Nature is doing fine with her management of this stand. Stand is within the Deward Tract.														
53	Q 6	Q 3	2		8	80	45	mixed swamp conifer	unevenaged	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Other special wildlife habitat consideration (desc. In comments)														
comnts Fmd : 2006 KGR stand exams: Swamp conifer stand on a flat site with a high water table. All aged stand with no treatment necessary. Stand retains some thermal cover value for wildlife and there were signs of fairly heavy use by deer. Ground cover includes bracken fern, moss & blackberry. East side of the stand gets even wetter near the edges. Stand is located within the bounds of the Deward Tract.														
55	L 0	L 0	206		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : 2006 KGR stand exam comments: Low wet site with various conditions present. Some areas of cattails, flooded areas w/ beaver dams, tag alder w/ mixed conifer scattered through it. Spruce, tamarack, balsam fir and other conifers can be found in the stand. 1995 stand exam comments: POSSIBLE PRESCRIBED BURN														

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					D B H	Tot. BA	Site Indx							
56	R 6	W 1	4	48	9	200	66	red pine	immature	Y	thinning	within 0-9 years	2	
comnts Fmd : 2005 KGR stand exam comments: Red Pine that appears to have been planted but rows were not obvious. Do not row thin this stand. This must be an individual tree marking sale with some extra thought required regarding placement of skid roads and which trees to remove since we should strive to achieve the appearances of a stand that developed naturally and try to promote the white pine seedlings so that they develop. This stand is within the Deward Tract.														
57	W 8	W 2	4	111	19	60	47	white pine	old growth (potential or actual)	Y		not scheduled	0	
Treatment Limiting Factors: Potential or designated old growth Delayed treatment for age/size class diversity														
comnts Fmd : 2005 KGR stand exam comments: Potential Old Growth here. This stand is well on its way to resembling what the Deward area looked like in 1900. Stand is two-tiered with White Pine sawlogs dominating the upper canopy. Lower canopy is evolving with Red Maple, Balsam Fir, White Pine and Red Pine that are beginning to reach pole size. The perimeter of the stand is influenced by water levels controlled by beaver. The stand is within the Deward Tract.														
58	W 9	F 3	2	61	12	80	57	white pine	old growth (potential or actual)	N		not scheduled	0	
comnts Fmd : 2005 KGR comments: This is a small island with a conifer dominated timber type. There is a mixture of Red Pine, White Pine, Balsam Fir and scattered Tamarack. The edges of the stand are subject to water fluxuations that occur in surrounding wetland stands. These water levels are controlled by beaver activity and by natural drainage into this watershed during wet seasons. The stand is difficult to access and it provides a safe haven for wildlife offering some thermal cover. Timber quality is average at best. Not many real large trees and the few that are present are concentrated upon a small plot of higher ground in the center of the stand. The understory is mostly Balsam Fir & White Pine. Not much hardwood in the stand. The stand is within the Deward Tract.														
59	Q 6	Q 3	6		7	70	36	mixed swamp conifer	unevenaged	N		not scheduled	0	
comnts Fmd : 2006 KGR stand exam comments: This is an all aged stand that is dominated by swamp conifers but with some Quaking Aspen mixed in. The stand is more dry on the north and on the east sides. It appears more typical "Q" type as you go south and west. It appears that fires, flooding and beaver have shaped the fate of this stand over the centuries. Let nature continue. Ground cover includes some mosses. There are scattered cedar, white pine and red pine on the southeast edge. This stand is within the bounds of the Deward Tract.														
60	R 6	M 1	60	44	9	180	70	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 2005 KGR stand exam comments: Red Pine plantation that is ready for row thinning. Remove every third row using care not to open up a travel route into the stand from Cameron Bridge Road. Leave trees at the ends of the rows so vehicles cannot access the stand. Rows are clearly visible so the sale can be set up using a specification rather than marking the individual rows with paint. Some areas have lots of sawlog sized trees and others are mostly pulpwood size stems. No Clearcut here since there is some sparsely vegetated area along the West and North edges of this stand. Another factor is that this stand is in the Deward Tract and there is not much timber in the south part of this special management unit.														
61	Q 2	A 1	128	26	2	0	36	mixed swamp conifer	immature	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Site index estimated. Mixed stand of balsam fir, spruce, quaking aspen and tamarack. Wet site with lots of past wind throw. Small pockets of somewhat upland aspen. Generally, the stand appears to have been subject to beaver and natural periods of flooding. The stand is within the bounds of the Deward Tract.														
62	R 6	M 1	6	44	9	180	70	red pine	immature	Y	thinning	within 0-9 years	1	
comnts Fmd : 2005 KGR stand exam comments: Red Pine plantation that is ready for row thinning. Remove every third row using care not to open up a travel route into the stand from Cameron Bridge Road. Leave trees at the ends of the rows so vehicles cannot access the stand. Rows are clearly visible so the sale can be set up using a specification rather than marking the individual rows with paint. Some areas have lots of sawlog sized trees and others are mostly pulpwood size stems. No Clearcut here since there is some sparsely vegetated area along the West and North edges of this stand. Another factor is that this stand is in the Deward Tract and there is not much timber in the south part of this special management unit.														

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

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
63	W 6	W 2	15		8	80	60	white pine	unevenaged	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: White Pine dominated stand with Balsam Fir Tamarack, Quaking Aspen and Red Pine mixed in. Lots of big old pine stump remain from the 1900 logging era. Stand is slightly elevated from the surrounding stand. Let nature continue managing this stand. A few big old White Pine seed trees scattered around. Stand is within the Deward Tract.														
64	Z 0	Z 0	9			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 kgr stand exam comments: Beaver ponds developed along drainages within the Deward Management Tract.														
65	R 6	W 1	18	61	9	80	48	white pine	mature	N	selection	within 0-9 years	2	natural regeneration
comnts Fmd : 2005 KGR stand exam comments: This stand is difficult to type. Clearly, the jack pine is old and needs to come out. Prescription is to remove all jack pine, red maple and any aspen now. Leave all other species. Some oak component and lots of Red Pine and White Pine along the East edge. Various species of regeneration in place now. New stand will be mixed and will evolve from the natural regeneration that is already in place and from the spouts and stump sprouts that will evolve after the harvest. A mixed composition will be acceptable as long as the stocking is at least in the medium category. The stand is within the Deward Tract.														
66	S 6	L 1	6	69	7	110	52	black spruce-swamp	immature	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Site is low and wet. Trees appear to be healthy. Thermal cover for deer. No treatment needed. Some scattered lowland brush in the understory. Ground cover = leatherleaf. Used site index of record. Stand is within the Deward Management Tract.														
67	A 6	M 2	4	34	6	70	70	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : 2006 KGR stand exam comments: This is a Quaking Aspen stand that includes a mixture of various other species. Some places have lots of cherry in the understory. It would be wise to cut this in 10 years while it is still vigorous. Many stems are just reaching polesize. White Pine and Red Pine are scattered through the understory. This stand is within the Deward Tract.														
68	Z 0	Z 0	1			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 kgr stand exam comments: Beaver ponds developed along drainages within the Deward Management Tract.														
69	Q 6	Q 3	5		7	70	36	mixed swamp conifer	unevenaged	N		not scheduled	0	
comnts Fmd : 2006 KGR stand exam comments: This is an all aged stand that is dominated by swamp conifers but with some Quaking Aspen mixed in. Typical "Q" type. It appears that fires, flooding and beaver have shaped the fate of this stand over the centuries. Let nature continue. Ground cover includes some mosses. There are scattered cedar, white pine and red pine. This stand is within the Deward Tract.														
70	Z 0	Z 0	6			0		water	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 kgr stand exam comments: Beaver ponds developed along drainages within the Deward Management Tract.														
71	W 4	U 1	3	41	6	20	46	white pine	sparse	N		50-59 years	0	
comnts Fmd : 2005 KGR stand exam comments: Semi-open area with some cherry and white pine poles scattered. White pine has weevil problems. Appears to be an old U-type stand that was somehow stocked with white pine. Small stand - no real reason to try and develop artificially by planting.														
72	L 0	L 0	16		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : 2006 KGR stand exam comments: Low wet site with various conditions present. Some areas of cattails, flooded areas w/ beaver dams, tag alder w/ mixed conifer scattered through it. Spruce, tamarack, balsam fir and other conifers can be found in the stand.														
73	W 6	W 1	14	63	8	100	50	white pine	immature	N		30-39 years	0	
comnts Fmd : 2005 KGR stand exam comments: Appears to be somewhat low and wet. Stand is dominated by White Pine. Some Aspen is mixed in. Ground Cover = bracken fern and other. East side of road is lower & wetter site and falls inside the Deward Management Tract. Lots of small dbh poles (4-6").														

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Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg. D			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					B H	Tot. BA	Site Indx							
74	A 5	A 1	17	35	6	40	53	aspen (upland)	immature	N		20-29 years	0	
comnts Fmd : 2005 KGR stand exam comments: Stand is a mixture of semi-open areas and young aspen clones. Quaking Aspen and Big Tooth Aspen both here. Ground cover is mixed with bracken fern most plentiful. Scattered conifers on the site. Terrain is flat.														
75	A 6	A 1	16	39	7	90	75	aspen (upland)	immature	N		10-19 years	0	
comnts Fmd : 2005 KGR stand exam comments: Quaking Aspen stand along Deward Road. Small pole size stems now. Upland site that tapers to a wet area along the east edge. Flat terrain. This stand is within the Deward Tract.														
76	R 8	A 1	11	45	14	40	60	red pine	two aged	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Stand consists of scattered Red Pine and other various species. Some Quaking Aspen regeneration, some Red Pine seedlings and saplings are coming in beneath the residual Red Pine log trees. Jack Pine, Oak and White Pine can be found in the stand in places. Stand is difficult to access due to heavy underbrush in adjacent stands. Terrain within this stand is flat and the site is within the Deward Tract Management Area. No need to manage via commercial manipulation. Good wildlife cover in places. Nature is doing fine with this one.														
77	Q 2	A 1	5	26	2	0	36	mixed swamp conifer	immature	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Site index estimated. Mixed stand of balsam fir, spruce, quaking aspen and tamarack. The stand is within the bounds of the Deward Tract.														
78	L 0	L 0	1		0	0		lowland brush	nonstocked	N		not scheduled	0	
comnts Fmd : 2006 KGR stand exam comments: Small pocket of low wet plants and brush. Tagalder & brush. Stand is within the Deward Management Unit.														
79	R 8	A 1	6	45	14	50	60	aspen (upland)	two aged	N	delayed removal	within 0-9 years	2	
comnts Fmd : 2005 KGR stand exam comments: Stand is mostly Red Pine and White Pine. Some stocking of Quaking Aspen regeneration. Red Pine seedlings and saplings are coming in beneath the residual Red Pine log trees. Jack Pine, Oak and White Pine can be found in the stand in places. Remove the merchantable Red Pine and White Pine now. Terrain within this stand is flat.														
80	R 8	A 1	10	45	14	50	60	aspen (upland)	two aged	N	final harvest	within 0-9 years	2	
comnts Fmd : 2005 KGR stand exam comments: Stand lies north of trail road. Some Red Pine seedlings and saplings are in place. Jack Pine, Oak and White Pine can be found in the stand in places. Some areas will convert to oak. Terrain within this stand is flat.														
81	A 5	M 3	18	48	8	60	70	aspen (upland)	immature	Y		10-19 years	0	
comnts Fmd : 2005 KGR stand exam comments: Mixed unevenaged stand of Aspen and Northern Hardwood. Quaking Aspen seems to dominate the stand. Cherry, Sugar Maple, Beech and Quaking Aspen are all found here. Lots of Northern Hardwood regeneration is present (mostly beech and sugar maple) as is some scattered white pine in sapling form. Some small aspen stems coming in too. Stand varies from semi-open pockets to some fairly dense timber areas. along Deward Road. Small pole size stems now. Upland site that tapers to a wet area along the east edge. Terrain slopes slightly towards the East. The stand is bisected by the ORV Trail/Snowmobile trail.														
82	R 7	A 1	5	45	14	30	60	red pine	two aged	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Stand is designated as part of a Pine Stump Preserve that extends a short way into Crawford County. Semi-open area with some merchantable Red Pine sawlog trees as well as some seedlings and saplings. Jack Pine, Oak and White Pine can be found in the stand in places. Terrain within this stand is flat. The East 2/3's (East of Deward Road) of this stand is within the special restrictions "Deward Tract" Management Area.														
401	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Well site with an operating well. State Frederick 2-7, KCS Michigan Resources. A power transformer is located on the North edge of the opening, east of the trail road. Ground cover here is grass with lots of knappweed.														
402	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Well site with an operating well. State Blue Lake 4-13A, KCS Michigan Resources. A power transformer is located on the SE corner of the opening. Ground cover here is grass and knappweed.														

TRAVERSE CITY FOREST MGT UNIT

Stand Level Information

Compartment: 106 Entry Year: 2008

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

Stand	Cover Type-Dnsty	Under Story-Stkng Level	Age	A c r e s	avg.		Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
					D B H	Tot. BA								
403	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Abandoned well site with gated road leading in through a red pine plantation from the pipeline. The ground cover consists of grass, knappweed, blackberry and some bracken fern. No equipment or evidence of pipes or facilities on the site at this time. Stand is within the Deward Tract.														
404	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Well site with operating well head. Grassy opening with lots of knappweed.														
405	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Well site with operating well head. Grassy opening with lots of knappweed.														
407	G 0	G 0	5			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Grassy opening with several old fruit trees and some earthen footings from old buildings located in it. Obviously, this was an old homestead. Stand is bisected by Summit Road (certified but not maintained county road). ORV Trail bisects the stand using Summit Road as its route and the snowmobile trail passes (E/W) through the south part of this stand.														
408	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Well site with operating well head. Two bulk propane tanks are located on the site. Permit # 48459, Merit Energy Company, State Blue Lake 1-14A. Emergency phone number 1-800-328-7430. SW/SW, Sec 14, 28N 5W. Grassy opening with lots of knappweed.														
409	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Well site with operating well head. Two bulk propane tanks are located on the site. Permit # 34752, Merit Energy Company, State Blue Lake 3-23A. Emergency phone number 1-800-328-7430. NE/NW/NW, Sec 14, 28N 5W. Grassy opening with lots of knappweed - flat ground.														
410	G 0	G 0	2			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Abandoned well site with a power transformer box located at the edge of the stand Mostly grass and knappweed. .														
411	G 0	G 0	1			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Abandoned well site. Mostly grass and knappweed. .														
413	G 0	G 0	7			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Blue Lake Road corridor which is wide and cleared beyond the road right of way. Mostly grass and knappweed. .														
414	G 0	G 0	6			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Pipeline corridor with Snowmobile trail/two track trail. Mostly grass and knappweed. .														
415	G 0	G 0	10			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Pipeline corridor with Snowmobile trail/two track trail. Mostly grass and knappweed.														
416	G 0	G 0	9			0		grass	nonstocked	N		not scheduled	0	
comnts Fmd : 2005 KGR stand exam comments: Small grassy opening that may have been part of an old farmstead.														

TRAVERSE CITY FOREST MGT UNIT

Stand Level Information

Compartment: 106 Entry Year: 2008

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S t a n d	Cover Type- Size Dnsty	Under Story- Stkng Level	A c r e s	avg.			Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
				Age	D B H	Tot. BA							
417	G 0	G 0	1			0	grass	nonstocked	N		not scheduled	0	

comnts Fmd : 2005 KGR stand exam comments: Small grassy opening.

Total Acres..... 2335