

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

Stand	Cover Type-Size Dnsty	Under Story-Stkng Level	Acrs	Age	avg. DBH	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
1	Y0	Y0	12			0		sand dunes	nonstocked	N		not scheduled	0	
comnts Fmd : Lake Superior Beach.														
2	H9	F3	14	90	16	170	60	hemlock	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Influence zones Potential or designated old growth Scenic values/visual values														
comnts Fmd : North Country Trail passes through stand. Black spruce, beech, white spruce, balsam fir, bigtooth aspen, jack pine and red pine are overstory associates. Oak reproduction common. North facing escarpment extends along north edge of stand. At least one dispersed campsite within stand. Soil = Deer Park Sand.														
3	J3	J3	64	30	3	0	45	jack pine	immature	N		40-49 years	0	
comnts Fmd : Stand scarified in 1979. Jack pine 20' - 24' tall. Jack pine Dbh ranges from 1" - 5". Residual red and white pine overstory trees present. Red maple and white pine saplings present. Soils = Deer Park Sand.														
4	J4	J2	89	35	4	30	40	jack pine	immature	N		40-49 years	0	
comnts Fmd : Scotch pine saplings and small poles are mixed in with the jack pine to the northwest corner, along Coast Guard Road. Jack pine are 25' to 30' tall. Jack pine Dbh ranges from 2" - 6". Red pine Dbh averages 6". Scattered small R5/R8 patches. White pine trees in overstory. White pine, black spruce, red maple and red pine saplings are present. Soils = Deer Park Sand.														
5	W9	M2	33	136	17	140	51	white pine	old growth (potential or actual)	Y		not scheduled	0	
<u>Treatment Limiting Factors:</u> Influence zones Scenic values/visual values Potential or designated old growth														
comnts Fmd : A steep embankment divides this stand. This embankment runs parallel to the shoreline. The North Country Trail extends through this stand, also running parallel to the shoreline. At least one dispersed camping site falls within stand. The trail does drop over the embankment comes very close to the beachline in several places. Stand provides scenic vistas of the Lake. Stand should be managed for recreation and aesthetic values and would make a good old growth stand as part of the larger system of stands adjacent to Lake Superior and containing the North Country Trail. Oak and black spruce are overstory associates. Red maple, black spruce and white pine saplings are present. Stand composition and structure is varied, with patches of mature red pine and mixed pine above the escarpment, and maple and birch sub-stands below. Soils = Deer Park Sand.														
6	R6	J1	28	72	9	100	51	red pine	immature	N		20-29 years	0	
comnts Fmd : Infrequent older jack pine. Patches of J2/R5. Some areas with higher concentrations of larger red pine sawtimber. Understory jack pine needs additional time before any harvest to increase in size. White pine and red maple trees in overstory. Red maple saplings present. Deer Park Sand.														
7	J6	R1	8	53	8	140	50	jack pine	mature	N	shelterwood-seed	within 0-9 years	2	natural regeneration
comnts Fmd : Red pine has heavy branch whorls so very few quality sawlogs. Private boundary to east is painted in blue, and private stand recently clearcut with some residual red pine left. Private land has not been regenerated yet. Infrequent white pine poles and saplings. Leave all white pine unless it interferes with logging equipment maneuverability. Leave any white birch or oak unless needed for maneuverability. Jack, red and white pine regeneration is expected following cultural work though jack pine stems will form the majority of the stocking. Deer Park Sand.														
Wld : leave white pine and any oak. Leave a paper birch component														
8	J3	J3	83	34	4	0	45	jack pine	immature	N		40-49 years	0	
comnts Fmd : ORV trail passes through stand. Oak poles quite common. Jack pine Dbh ranges from 1"-5". Jack pine are approximately 24' tall. Areas where stand has progressed to J4/J2. White birch, red maple, red pine, white pine and bigtooth aspen saplings present. Red maple, trembling aspen, white birch, red pine and white pine poles present. Deer Park Sand.														

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					B	Tot. BA								
9	R9	F1	3	84	14	190	41	red pine	mature	Y		10-19 years	0	
<p><u>Treatment Limiting Factors:</u> Inadequate volume due to small acreage Delayed treatment for age/size class diversity</p> <p>comnts Fmd : ORV trail follows forest road along east side of stand. Red maple, white pine and red pine saplings present. F understory is black spruce. White birch, oak and jack pine poles found. Stand to east is a J6 in compartment 29. This stand has a treatment period of "9" due to several recreation trails passing through it. This stand would normally be treated in conjunction with the cmpt 29 stand, but can be held for 10 more years for age-class and size-class diversity. Stand may possibly be combined with future treatments to the south in compartment 24, south of Co Rd 410. Deer Park Sand.</p>														
10	J5	J1	40	39	5	60	45	jack pine	immature	N		30-39 years	0	
<p>comnts Fmd : Jack pine are approximately 30' tall, with a Dbh range of 2"-8". Red pine saplings are present. Wooden post and 4 BTs (Lewicki) at NW corner of stand, just north of abandoned forest road. Deer Park Sand.</p>														
11	J4	J3	40	34	5	30	45	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : North Country Trail passes through stand. Jack pine trees approximately 24' tall, with a Dbh range of 2"-6". White pine and red pine in overstory. White pine, red pine, oak, red maple, white birch and black spruce saplings present. Deer Park Sand.</p>														
12	J4	J3	94	31	4	20	41	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : North Country Trail follows the Coast Guard Road along north edge of stand. Jack pine are approximately 20'-24' tall, with a Dbh range of 2"-6". White pine, white birch and red pine are overstory associates. Red maple saplings present. Deer Park Sand.</p>														
13	J4	J3	108	33	4	30	45	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : North Country Trail follows the Coast Guard Road along northeast edge of stand. Jack pine are approximately 24' tall, with a Dbh range of 1"-6". Red pine and white pine are overstory associates. Red pine poletimber/sawtimber stocking increases to northwest. Red maple, red pine, white pine and white birch saplings present. Deer Park Sand.</p>														
14	J6	M1	21	71	10	130	51	jack pine	mature	Y	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Stand treatment was deferred until the 2011 Y.O.E. to maintain visual diversity in compartment. 3 and 4 stick jack pine. Jack pine mortality found throughout stand. Red pine, white pine and white birch are overstory associates. Red and white pine saplings present. Leave some scattered white birch. Leave any oak, white pine or maple found. May mark red pine if needed for logging equipment maneuverability, but low occurrence/very light stocking of this species. Deer Park Sand.</p> <p>Wld : leave submerchantable spruce/fir. Leave some scattered birch, any oak, maple or white pine found, and some red pine.</p>														
15	R8	W2	15	85	15	60	50	red pine	sparse	N		30-39 years	0	
<p>comnts Fmd : White pine sapling layer is approximately 14'-16' tall, with a Dbh range of 2" to 4". Patches of J1 also in understory. Stand has patches of R9 to SE. Wide spacing between overstory trees with nice regen holes for white and jack pine. White pine, oak and white birch are overstory associates. Red maple saplings present. Deer Park Sand.</p>														
16	R6	R1	45	63	9	90	44	red pine	immature	N		20-29 years	0	
<p>comnts Fmd : Mixed softwood pulp is comprised of white pine and jack pine. White birch and oak poles are overstory associates. Oak, white birch and red maple saplings are present. Very heavy knots/whorls on red pine. Many submerchantable pine stems. Small patch of larger red pine at a higher stocking level along Rabbit Patch Road. Rubicon Sand.</p>														
17	O6	F2	7	68	8	130	40	oak	immature	N		not scheduled	0	
<p>comnts Fmd : Red maple, oak, black spruce and hemlock saplinmgs are present. Red pine, bigtooth aspen and black spruce are overstory associates. Deer Park Sand.</p>														
18	R9	J1	8	40	16	110	65	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : White pine and jack pine are overstory associates. Red maple, red pine and white pine saplings present. Patches with J2 and W1 understoreys. Deer Park Sand.</p>														

Stand	Cover Type-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							
19	J4	J3	1	28	4	20	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Jack pine are approximately 24'-30' tall, with a Dbh range of 2"-6". White birch and red pine poletimber found. Red pine, white birch and red maple saplings present. Rubicon Sand.														
20	J3	J3	24	41	3	0	50	jack pine	immature	N		40-49 years	0	
comnts Fmd : Jack pine are approximately 20' tall, with a Dbh range of 1" to 5". Red pine, white birch and white pine poles found. Red maple, white birch and red pine saplings present. Rubicon Sand.														
21	J6	R1	16	59	10	160	41	jack pine	mature	N	shelterwood-seed	within 0-9 years	1	natural regeneration
comnts Fmd : Steeper north facing slope located to north side of stand. Red maple, white pine, bigtooth aspen and oak poles found. White birch, red maple and red pine saplings present. Retain some scattered white birch and aspen poles. Will attempt to leave most white pine and red maple but may mark a few. Leave all oak. Heavy branch whorls on red pine boles. Jack, red and white pine regeneration is expected following cultural work though jack pine stems will form the majority of the stocking. Rubicon Sand. Wld : retain scattered birch and aspen and leave oak. Leave most white pine and maple														
22	J4	F3	4	33	4	20	40	jack pine	old growth (potential or actual)	N		not scheduled	0	
<u>Treatment Limiting Factors:</u> Influence zones Scenic values/visual values Potential or designated old growth														
comnts Fmd : Stand is below escarpment, adjacent to beach zone. Deer Park Sand.														
23	R6	W2	25	67	11	120	45	red pine	immature	N		10-19 years	0	
comnts Fmd : Red oak sawtimber-sized trees present. Understory is quite mixed and substantial = F2/O2/W1. Oak regen is primarily around 1 foot tall with some taller saplings. White pine saplings are 5' to 10' tall. Red maple, fir, black spruce and white birch saplings found. Bigtooth aspen, jack pine, white birch and black spruce poles are overstory associates. Forest road passing through stand provides access to several dispersed camping sites along Lake Superior. Deer Park Sand.														
24	J4	J3	44	35	5	30	45	jack pine	immature	N		40-49 years	0	
comnts Fmd : Jack pine trees approximately 30' tall, with Dbh range of 3" to 7". Oak poles, saplings and seeds present in good numbers. White and red pine are overstory associates. White birch, white pine, red pine, red maple and fir saplings present. Deer Park Sand.														
25	J0	J0	22	7	0	0	43	jack pine	in process of regeneration	N		within 0-9 years	0	planting
comnts Fmd : UPDATE -- Stand harvested as "Rabbit Patch Jack Pine" timber sale (010-01-01). Cutting completed 11/2001 (unit 1). FTP42-544 completed 7/2002 w/scarification. Remainder of sale was closed out, reoffered and sold as new sale #008-04. Kuhr and Travis evaluated regeneration success July 2009 and found unsatisfactory results. Stand will be hand planted to jack pine in 2010. Very sparse 1' to 4' tall jack pine saplings with large voids between stems. Some remnant red pine sawtimber and poletimber. Scattered oak and white birch poletimber. Many oak seedlings 1/2 ft tall. Red maple and white pine saplings found. Residual red pine stocking increases to northwest. Deer Park Sand. Wld :														
26	J0	J0	37	3	0	10	50	jack pine	in process of regeneration	N		within 0-9 years	0	planting
comnts Fmd : Sale #008-04-01 "Rabbit Patch Jack Pine". Sale complete 05/17/05. Scarification (42-544) completed 11/3/2006. Kuhr and Travis evaluated regeneration success July 2009 and found it to be inadequate. Stand will be handplanted in 2010. Long, narrow inclusion of R6 along Rabbit Patch Road. White birch and white pine poles present. Red maple and black spruce saplings found. Site has some topographic changes. Deer Park Sand.														

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					BH	Tot. BA								
27	R6	W1	32	63	10	150	45	red pine	immature	N	thinning	within 0-9 years	1	
<p>comnts Fmd : Mature jack pine is an overstory associate. Very little oak regeneration. West private line is brushed out and flagged. Red maple and black spruce saplings present. Jack pine will be removed. Scattered white birch and aspen will be left though majority of stems will be removed. Approximately 1/2 of the red pine sawtimber will be removed. White pine is found at heavier stocking levels in patches and will be thinned. Deer Park Sand.</p> <p>Wld : leave submerchantable spruce, scattered birch and a component of aspen. Leave white pine where scattered. Possible vernal pond on the East edge near the road, don't travel through with equipment and buffer it adequately.</p>														
28	R9	W1	1	86	14	130	51	red pine	immature	N		10-19 years	0	
<p>comnts Fmd : White pine, white birch and jack pine are overstory associates. Red pine, oak and red maple saplings found. Deer Park Sand.</p>														
29	J3	J3	29	14	2	0	40	jack pine	immature	N		60-69 years	0	
<p>comnts Fmd : Jack pine are approximately 7' to 12' tall, with a Dbh range of 1" to 3". Retained red pine overstory scattered across site. Oak poles found. Red maple saplings present. Brush dumping area down dead-end two track. Deer Park Sand.</p>														
30	J3	J3	2	25	3	0	52	jack pine	immature	N		50-59 years	0	
<p>comnts Fmd : Jack pine are approximately 20' to 24', with a Dbh range of 1" to 5". Scattered residual red pine poles on site. Deer Park Sand.</p>														
31	O6	W2	6	91	8	140	35	oak	immature	Y		50-59 years	0	
<p><u>Treatment Limiting Factors:</u> Inferior quality</p> <p>comnts Fmd : Patches with heavy oak regeneration. This layer is very apparent in the fall with changing foliage colors. Deer Park Sand.</p>														
32	R9	W1	20	156	17	130	50	red pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Influence zones Scenic values/visual values Potential or designated old growth</p> <p>comnts Fmd : North Country Trail passes through stand. Steep, long, north-facing slope parallels the beach and forms north boundary of stand. Various trails branch off the NCT to provide beach access for hikers/campers. Several dispersed camping sites are situated close to the shoreline. White birch poles are present. Red maple and oak saplings found. Area provides some exceptional views of Lake Superior and beach. There is a meander corner located on the east end of stand. Deer Park Sand.</p>														
33	Z0	Z0	3		0	0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd :</p>														
34	Y0	Y0	40		0	0		sand dunes	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Lake Superior Beach.</p>														
35	Y0	Y0	16		0	0		sand dunes	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Lake Superior Beach.</p>														

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					B	Tot. BA								
36	R 9	W 2	28	156	16	140	50	red pine	old growth (potential or actual)	Y		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Influence zones Scenic values/visual values Potential or designated old growth</p> <p>comnts Fmd : North Country trail extends through stand. Several dispersed camping sites found throughout stand. Jack pine is overstory associate. Black spruce, fir, white birch, red maple, red pine, oak and white pine saplings present. Small patches of J2/R1. Steep north-facing escarpment parallels shoreline. Deer Park Sand.</p>														
37	R 9	W 1	8	156	16	170	50	red pine	mature	Y	selection	within 0-9 years	1	
<p>comnts Fmd : Red oak and white birch are overstory associates. Black spruce, red maple and red pine saplings present. 18" Dbh red pine witness tree on south side of two-track, west end of trail. Leave white birch and red maple unless needed for logging equipment maneuverability. May find some aspen and jack pine to harvest. May need to harvest some white pine sawtimber. Leave all oak unless needed for logging equipment maneuverability. Deer Park Sand.</p> <p>Wld : leave spruce unless needed to harvest for maneuverability. Leave oak and leave a birch and maple component. Leave some white pine of various size classes.</p>														
38	J 3	J 3	18	15	1	0	45	jack pine	immature	N		60-69 years	0	
<p>comnts Fmd : Cut completed on 5-10-93. Timber Sale #003-92-01. Jack pine are approximately 5' to 12' tall. Red pine and white birch overstory trees remain. Red pine saplings present. Deer Park Sand.</p>														
39	J 4	J 2	7	35	4	30	40	jack pine	immature	N		40-49 years	0	
<p>comnts Fmd : Scotch pine saplings and small poles are mixed in with the jack pine to the north, along Coast Guard Road. Jack pine are 25' to 30' tall. Jack pine Dbh ranges from 2" - 6". Red pine Dbh averages 6". White pine trees in overstory. White pine, black spruce, red maple and red pine saplings are present. Deer Park Sand.</p>														
40	O 6	F 2	9	72	10	130	50	oak	old growth (potential or actual)	N		not scheduled	0	
<p><u>Treatment Limiting Factors:</u> Influence zones Scenic values/visual values Potential or designated old growth</p> <p>comnts Fmd : Muskallonge Lake forms west boundary of stand. Stand's east boundary is formed by Co Rd 407. Cedar is overstory associate. Heavy oak regeneration. Mixed softwood pulp category comprised of white pine, red pine and fir. Hemlock, white pine and red maple regen present. Rubicon Sand and Deer Park Sand.</p>														
41	R 9	W 1	5	85	14	200	50	red pine	mature	Y	selection	within 0-9 years	1	
<p>comnts Fmd : North Country trail follows south edge of stand on the Coast Guard Road. Oak is an overstory associate. Leave all oak. Will remove some white and red pine poletimber. Leave some white birch. Deer Park Sand.</p> <p>Wld : leave oak and a birch component. Leave some large white pine</p>														
42	J 6	R 1	7	59	10	140	41	jack pine	mature	N	final harvest	within 0-9 years	1	natural regeneration
<p>comnts Fmd : Oak and red maple poles found. White pine is rare overstory associate. Red maple saplings present. Retain some scattered white birch. Retain red pine, though may mark some if needed for logging equipment maneuverability. Will attempt to leave most white pine and red maple but may mark a few only if necessary. Leave all oak. Deer Park Sand.</p> <p>Wld : leave white pine unless needed for maneuverability since it occurs infrequently. Retain oak and scattered birch. Leave some red pine and submerchantable spruce.</p>														
43	Z 0	Z 0	2		0	0		water	nonstocked	N		not scheduled	0	
<p>comnts Fmd : Muskallonge Lake.</p>														

NEWBERRY FOREST MGT UNIT

Stand Level Information

Compartment: 23

Entry Year: 2001

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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							
44	X0	X0	2			0		local use	nonstocked	N		not scheduled	0	

comnts Fmd : County Road 407 right-of-way.

Total Acres..... 1120