



| Level 4<br>Cover Type | Size<br>Density                         | Acres                | Stand<br>Age | BA<br>Range | General<br>Comments:  |   |
|-----------------------|---|----------------------|--------------|-------------|---|---|
| 2                     | 42340 - Upland Spruce/Fir               | Medium Density Pole  | 37.6         | 37          |   |   |
| 3                     | 42340 - Upland Spruce/Fir               | High Density Sapling | 77.2         | 34          | Several patches of Labrador tea mostly Moss on Ground. nice natural spruce stand keep an eye on. some low areas but very little standing water. |   |
| 5                     | 4199 - Other Mixed Upland Deciduous     | High Density Pole    | 41.7         | 63          | 81-110  | No management at this time. check in 10 years. good birch site consider as a birch management. small diameters at this time   |
| 6                     | 42290 - Natural Mixed Pine              | Low Density Sapling  | 5.3          | 10          |   | mostly JP pregen 3-5'   |
| 7                     | 42210 - Natural Red Pine                | High Density Pole    | 58.3         | 46          | 111-140   |   |
| 8                     | 4112 - Maple, Beech, Cherry Association | High Density Pole    | 14.6         | 71          | 81-110  | Low ba at this time beech component heavily effected by bbd check ba next entry. A Treatment may want to be considered to combat bbd trees have started to die out. Surrounding areas already heavily affected. Removing Beech at this point may have a negative impact on the remaining hardwoods in the stand.  |
| 9                     | 4130 - Aspen                            | High Density Sapling | 27.9         | 15          |   | aspen Regen   |
| 11                    | 4311 - Pine, Aspen Mix                  | Low Density Pole     | 39.1         | 62          |   | Scattered pockets of trees scattered throughout a somewhat open area, pine barren features. Quality of aspen is fairly low but some jackpine is decent.   |
| 12                    | 42220 - Natural Jack Pine               | Low Density Pole     | 10.7         | 43          |   | Stand resembles a treed bog the ground was soggy, but there was no standing water at the time of field visit.   |
| 13                    | 4130 - Aspen                            | High Density Sapling | 5.1          | 19          |   | Aspen regeneration looks adequate at this time.   |
| 14                    | 42290 - Natural Mixed Pine              | High Density Log     | 94.6         | 47          | 141-170   | Remove JP and Aspen on the south side of Miller Rd. opening up the understory to promote red pine regeneration. Leaving the North side of the rd. which is heavier to JP For the next rotation this will help provide for some age class diversity within the compartment.  |
| 16                    | 42220 - Natural Jack Pine               | High Density Log     | 10.1         | 67          |   | Dense JP pocket Some spruce on edge. This stand surrounds a bog That is beginning to fill in. We may want to promote some type of treatment to prevent this from happening. Perhaps a harvest of stand 16 and a slash burn that would carry across the bog (stand 18) and set back growth in that area. Also consider burning the opening surrounding this pocket for maintenance purposes. |
| 17                    | 4115 - Y.Birch, Hemlock NH              | High Density Pole    | 35.2         | 66          | 81-110  | stand has been thinned regen looks good. no treatment at this time.   |
| 19                    | 42290 - Natural Mixed Pine              | High Density Pole    | 22.3         | 79          |   | Check in ten yrs. Remove competition and release white pine.  |



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|----|---|-------------------------|-------|--------------|-------------|---|
| 20 | 4132 - Aspen, Jack Pine                       | High Density<br>Sapling | 7.0   | 20           |             |   |
| 22 | 42121 - Planted Jack<br>Pine, Mixed Deciduous | High Density<br>Sapling | 56.2  | 15           |             | Jack Pine and Aspen regen very thick.   |
| 23 | 42220 - Natural Jack<br>Pine                  | High Density<br>Pole    | 3.6   | 36           |             | Small Jack Pine stand that was left when surrounding area was clearcut.   |
| 24 | 42220 - Natural Jack<br>Pine                  | High Density<br>Pole    | 13.0  | 46           |             | Stand is on the way to being a high quality Jack Pine stand.  |
| 25 | 4132 - Aspen, Jack Pine                       | High Density<br>Log     | 15.2  | 52           |             | Some aspen in this stand is starting to develop conks. Recommend cutting this stand next rotation with the 3rd row thinnings in pine plantations.   |
| 26 | 4130 - Aspen                                  | High Density<br>Sapling | 5.2   | 11           |             | This is a small stand that was low density trees and is filling in with Aspen clones clone areas are fairly thick with scattered openings.  |
| 27 | 42260 - Natural Pine,<br>Mixed Deciduous      | Low Density<br>Pole     | 5.5   | 20           |             | This stand was previously a G type. Starting to fill in with a mix of pine and aspen.   |
| 28 | 4130 - Aspen                                  | High Density<br>Sapling | 11.3  | 20           |             | Aspen Regen   |
| 30 | 42220 - Natural Jack<br>Pine                  | High Density<br>Sapling | 54.5  | 15           |             | Thick Jack Pine regen stand was previously scarrified and seeded. Aspen is is scattered clones.   |
| 31 | 42290 - Natural Mixed<br>Pine                 | High Density<br>Pole    | 19.0  | 37           |             | Quality of Red Pine is questionable, short squatty. May want to consider harvesting next rotation scarrifying and seeding to Jack Pine. This would give good age class distribution with surrounding stand. |
| 32 | 42220 - Natural Jack<br>Pine                  | Medium<br>Density Pole  | 10.8  | 87           | 111-140     | Good looking Jack Pine that has reached harvestable size and age. Northern edge borders a ridge that drops into a lowland conifer type that follows the Brevort river course.                               |
| 33 | 42110 - Planted Red<br>Pine                   | High Density<br>Pole    | 39.3  | 25           | 111-140     | 3rd row thin next rotation  |
| 34 | 42220 - Natural Jack<br>Pine                  | Medium<br>Density Pole  | 7.0   | 32           |             | Overall stand quality is good revisit in ten years.   |
| 35 | 42221 - Natural Jack<br>Pine, Mixed Deciduous | Medium<br>Density Pole  | 23.7  | 68           |             | Mostly open grown jack pine with scrubby chery. ground covering is mainly reindeer moss, wintergreen and trailing arbutus. There are also a few scattered white spruce within the stand.                    |
| 36 | 4112 - Maple, Beech,<br>Cherry Association    | High Density<br>Log     | 11.3  | 82           | 81-110      | This stand was thinned last rotation there are some areas within the stand where a large majority of tops were left. Overall job and regeneration look to be adequate at this time.                         |



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|----|---|------------------------|-------|--------------|-------------|---|
| 37 | 4119 - Mixed Northern<br>Hardwoods            | High Density<br>Log    | 12.9  | 72           | 81-110      | This stand is in good condition at this time. Limited evidence of Beech Scale within the stand at time of visit but is heavy in surrounding area. Visit next rotation, BA should be high enough to merit another thinning.  |
| 38 | 4319 - Mixed Upland<br>Forest                 | High Density<br>Pole   | 14.4  | 52           | 141-170     | Bigtooth Aspen is ready to go and makes up a large majority of the stand. Suggest harvest leaving some birch, and large White Pines.  |
| 40 | 429 - Mixed Upland<br>Conifers                | High Density<br>Log    | 36.7  | 117          | 200+        | This is a very unique site supporting a high concentration of mature Hemlock. The topography is pit & mound with standing water in some of the pits. Recommend to leave this stand in its current condition and possibly be nominated as an SCA site.   |
| 41 | 6124 - Lowland Spruce-<br>Fir                 | High Density<br>Log    | 113.1 | 115          |             | <p>This stand follows the course of the Brevort River. The rivers edge is choked with Tag Alder and has a swampy edge in some places, Cedar is mostly contained in this area. The remaining species in this stand radiate outward from the river as you migrate up the slope, with less moisture tolerant species on the higher ground.</p> <p>This stand should be left as is for wildlife and river protection.</p> |
| 42 | 42110 - Planted Red<br>Pine                   | High Density<br>Pole   | 21.8  | 46           | 111-140     | Jack and white pine sparse but present. There is some slash remaining from previous thinning but is breaking down.  |
| 43 | 42260 - Natural Pine,<br>Mixed Deciduous      | High Density<br>Pole   | 7.1   | 52           |             | New stand added. Harvest potential. Ridge follows black spruce bog. Following age criteria for Aspen final harvest is recommended   |
| 44 | 4132 - Aspen, Jack Pine                       | High Density<br>Pole   | 48.3  | 43           |             | The overall quality of the timber in this stand is poor, squatty aspen. A future site consideration maybe a conversion to Jack Pine. Split this stand into multiple AOI's to create age class diversity for Aspen within this portion of the stand. Harvesting the Eastern Portion of the stand at this point and the western portion at a later date.  |
| 45 | 6129 - Mixed<br>Coniferous Lowland<br>Forest  | Medium<br>Density Pole | 21.2  | 65           |             | Black Spruce Bog old Trees small poor Quality Standing H2O  |
| 46 | 4310 - Pine, Oak Mix                          | Medium<br>Density Pole | 12.9  | Uneven Age   | 51-80       | mixed Hdwd Removed Oak and pine Left Regen is good mostly Aspen and Red maple some Pine   |
| 47 | 4191 - Mixed Upland<br>Deciduous with Conifer | High Density<br>Pole   | 12.8  | 67           | 81-110      | Some Blow down previous Cutting Evident   |
| 49 | 42110 - Planted Red<br>Pine                   | High Density<br>Pole   | 13.9  | 27           | 141-170     | This stand will be ready for a third row thinning next rotation. BA is close at this time but tree heights average about one stick.   |
| 50 | 4191 - Mixed Upland<br>Deciduous with Conifer | High Density<br>Pole   | 15.7  | 62           | 51-80       | Some of the Birch clumps are beginning to drop out. mostly open grown area with scattered clumps. check out when prescribing adjacent stands may want to promote openings.  |
| 51 | 42110 - Planted Red<br>Pine                   | High Density<br>Pole   | 7.2   | 25           | 141-170     | 3rd row thin in 10 yrs. not quite ready yet.  |



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|----|--|----------------------|-------|--------------|-------------|--|
| 52 | 4119 - Mixed Northern Hardwoods            | High Density Pole    | 25.4  | 72           | 51-80       | several vernal ponds located in this stands. stand follows a ridge top that drops into the Brevoort river basin. red maple and birch support good diameters low BA warrants no treatment at this time. although opening some canopy gaps in the future may help promote deciduous regeneration within the stand. |
| 53 | 4319 - Mixed Upland Forest                 | High Density Log     | 5.2   | 62           |             | over mature aspen mixed with spruce and balsam. recommend clearcutting. Leaving a strip of mature Aspen along aspen regen and a pocket within stand boundary for wildlife this pocket should be near a White Pine or Spruce that is left.  |
| 54 | 4199 - Other Mixed Upland Deciduous        | High Density Sapling | 30.7  | 16           |             |  |
| 58 | 4130 - Aspen                               | High Density Sapling | 35.2  | 14           |             |  |
| 59 | 42110 - Planted Red Pine                   | High Density Pole    | 6.5   | 27           | 111-140     | 3rd row thin next rotation.  |
| 60 | 4199 - Other Mixed Upland Deciduous        | High Density Pole    | 20.6  | 81           | 81-110      | stand looks good Regen Thick in Areas some oak Regen   |
| 61 | 4112 - Maple, Beech, Cherry Association    | High Density Pole    | 27.7  | 78           | 81-110      | New stand added. This stand was split from stand 61. The Oak dropped out in this area and was strictly a maple stand at this point.  |
| 62 | 4119 - Mixed Northern Hardwoods            | High Density Pole    | 4.5   | 74           | 81-110      | New stand added. This stand provides a good solid edge and age class diversification within the area. No treatments needed at this time. Look at thinning next rotation when BA is higher.   |
| 63 | 4191 - Mixed Upland Deciduous with Conifer | High Density Log     | 13.5  | 64           |             | this stand is ready for harvest and regenerate. some aspen is beginning to decline. leave some WP and WS. leave young aspen clones on edge of openings. There is a small component of sugar maple within this stand and a trace amount of seedlings recommend leaving these for diversity.                       |
| 64 | 6132 - Mixed Lowland Forest with Cedar     | High Density Pole    | 14.7  | 37           | 51-80       | Standing water in as far as visible on South Edge higher within  |
| 65 | 4119 - Mixed Northern Hardwoods            | High Density Log     | 74.9  | 78           | 81-110      | This stand was thinned last rotation good regeneration, heavy to Beech looks good at this time   |
| 66 | 4115 - Y. Birch, Hemlock NH                | High Density Pole    | 27.6  | 34           |             | standing h2o pockets scattered throughout stand/seasonally wet.  |
| 67 | 4116 - Mixed N. Hardwood - Aspen           | Medium Density       | 16.2  | 12           |             | predominately cherry saplings filling in an old opening with scattered patches of aspen clones. area appears to have been harvested at one point some dusty old stumps remain. cherry heavily affected by cankers.   |
| 70 | 4130 - Aspen                               | High Density Pole    | 26.5  | 47           |             | Mostly mature aspen with a scattered presence of hardwoods. Recommend holding this stand until the next rotation Aspen is in good condition and will continue to add growth.   |

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Sault Ste. Marie Mgt. Unit

# FORESTED STAND LISTING REPORT

Compartment: 118

Inventory Method: IFMAP

Date 08/12/2009



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|    | Level 4<br>Cover Type                     | Size<br>Density      | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:                      |
|----|---|----------------------|-------|--------------|-------------|---|
| 71 | 6132 - Mixed Lowland<br>Forest with Cedar | High Density<br>Pole | 10.7  | 29           |             | New stand added. standing h2o throughout. |

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| Stand | Cover Type                       | Acres | Gen Cmts:   |
|-------|----------------------------------|-------|---|
| 1     | 310 - Herbaceous Openland        | 8.0   |   |
| 4     | 310 - Herbaceous Openland        | 20.2  |   |
| 10    | 310 - Herbaceous Openland        | 1.4   |   |
| 15    | 3302 - Low Density Conifer Trees | 49.1  | Consider treating this opening along with stands 16 and 18. Without maintenance this open will continue to fill in with Jack Pine and White Pine. |
| 18    | 622 - Lowland Shrub              | 3.3   |   |
| 21    | 320 - Upland Shrub               | 37.8  | red pine plantation just planted in May.  |
| 29    | 320 - Upland Shrub               | 1.8   |   |
| 39    | 330 - Low-Density Trees          | 2.8   |   |
| 48    | 320 - Upland Shrub               | 6.0   |   |
| 55    | 310 - Herbaceous Openland        | 11.3  |   |
| 56    | 330 - Low-Density Trees          | 8.6   |   |
| 57    | 622 - Lowland Shrub              | 21.5  |   |
| 68    | 310 - Herbaceous Openland        | 31.4  |   |
| 69    | 3105 - Mixed Upland Herbaceous   | 5.2   | This site was an old airstrip.  |