

13.14 GRWMA Timber Assessments

13.14.1 FFS Timber Assessment

Guana River Wildlife Management Area Timber Assessment

Conducted and Written By:
Timothy S. Worley

Purpose

This document is intended to fulfill the forestry assessment requirement as required by Section 253.036, Florida Statutes for the Guana River Wildlife Management Area (WMA). The goal of this assessment is to evaluate the potential and feasibility of utilizing silviculture techniques to assist managers in achieving objectives on this WMA.

LOCATION

The Guana River Wildlife Management Area (WMA) is a diverse tract of land comprised of 9,815 acres and is situated between Jacksonville Florida and St. Augustine on US A1A. It is more particularly described as being in Sections 15,22,52,53,54 and 56, Township 4 South, Range 29 East and in Sections 2,37 and 38, Township 5 South Range 29 East St. Johns County.

DESCRIPTION

The USDA Natural Resources Conservation Service (NRCS) provided a soil report. Correlating this report with the Twenty-Six Ecological Communities of Florida the following communities can be found: Florida Flatwoods, Upland Hardwood Hammocks, Sand Pine Scrub, Longleaf Pine Wiregrass, and Freshwater Marsh. Also occurring here are Salt Marshes, Ponds, Oak Hammocks, Cutthroat Seeps, Cypress Swamp, Swamp Hardwoods, Sloughs, Wetland Hardwood Hammocks, Cabbage Palm Hammocks, Shrub Bogs, and Coastal Strands. (United States Department of Agriculture. 1987 (rev.)). This property is extremely diverse in plant communities.

These ecological communities represent the diversity associated with this particular tract. For planning purposes and this assessment several communities have been combined i.e. Upland Hardwood Hammocks and Oak Hammocks as well as the swamps. For a complete comprehensive plant association with each community refer to the above-mentioned reports and the existing management plan from the FFW Conservation Commission. These texts can be obtained from the Department of Environmental Protection and the Natural Resources Conservation Service. Statistics on acres and percent of total area concerning these communities can be found in the current management plan for the property as well.

OBJECTIVES

Prioritizing and assessing the forestry needs on this particular tract is not difficult. From the viewpoint of forestry, the number one objective is to manage the collective pine forest on this tract through the use silviculture. Due to past land use 892 acres have been converted to an even aged pine plantation between 18 and 20 years of age. From the viewpoint of wildlife the plantation has little value for game species and it is in this area that our focus need to occur. Specific management activities for this area will be outlined in the preceding stand recommendation portion of this assessment.

STAND 1: Pine Plantation 892 Acres

Description:

This area comprises more than two thirds of the 1,139 acres of the flatwoods community. The remainder of the flatwoods community has little or no stocking. The vegetation component found in the understory is but not limited to: gallberry, saw palmetto, wax myrtle, green briar, blue stem, fox grape and Virginia creeper.

The overstory component is a mixture of slash and loblolly pine. Appearances suggest the previous landowner planted this mixture with no regard to soils. Some areas in this stand reveal past fire activity due to openings, which have been created through mortality and severe bark char.

Using a ten-factor prism, ocular estimations in this stand reveal a basal area between 100 and 120 square feet per acre. No formal cruise has been performed however several “management plots” were established to determine these figures. The age of this particular stand is between 18 yrs. and 20yrs. old

Core samples were taken to establish age as well as growth. These samples show the condition of the stand, which has started to decline. Counting the number of rings in the last radial inch, and measuring the diameter of the sample trees, growth has declined from 9% per year to 6% per year. These computations were performed using a “Southern Forest “growth rate device developed by the U.S. Forest Service Southern Region. Among several factors like density soils play an important role in growth and volume.

Utilizing the soil report provided by NRCS site index (height of the dominant tree at a base age of 50 years) for this stand varies as high as 90 and as low as 60 for slash pine.

Recommendation:

To better understand timber management methods, knowledge of a few silviculture terms is useful. The cross sectional area (in square feet) of an individual tree measured four and one-half feet above the ground is its Basal Area (BA). Basal Area per acre is the sum of the Basal Area of every tree within a stand divided by the number of acres in the stand. It is used as a measure of a forested area's tree stocking and density. The diameter of an individual tree taken at this height is referred to as its diameter breast height or DBH. This measurement is used in calculating the Basal Area and combined with height can determine volume of each tree.

Slash pine exhibits very fast height growth averaging 3 feet annually until about age 9, after this age growth begins to stall due to competition within the stand. More than half of the annual height growth (52%) is completed by April of each growing season. Diameter growth is affected by stand density e.g. trees per acre starting around age 5 when density and competition really begins. Mean annual diameter growth for the first 20 years is about ½ inch for a density of 194 trees per acre. Between the ages of 5 and 9 tree diameter growth drops about 56 % with this density. (Bennett, Frank 1963)

Fully stocked pine stands have enough trees per acre of a size large enough to utilize the growing space without causing over-crowding. Pine stands with 70 to 100 sq. ft. BA are considered fully stocked. It requires more, smaller diameter trees than it does larger diameter trees to equal one square foot of basal area. (For example: It takes 357 evenly spaced, six-inch diameter breast height trees per acre to equal 70 sq. ft. BA. Whereas, only 89 twelve-inch DBH trees per acre equals the same 70 sq. ft. BA.)

Pine plantations should be thinned when live crowns in the majority of the dominant and co-dominant trees have been reduced to approximately 1/3 of their total height. Simply, these stands should be thinned to 60 – 70 sq. ft. BA per acre each time they reach 100 sq. ft. BA per acre or more. This will help ensure a stand of vigorous healthy trees. An added benefit of opening up the canopy is that more sunlight will reach the forest floor increasing forage production for wildlife. Once the stand has reached maturity, it may be harvested, then planted or naturally regenerated. If prescribed fire is used prior to any thinning, it is recommended a winter burn be used to condition the stand and lower the chance of high mortality.

A variety of thinning methods can be utilized. Thinning options to consider are: normal thinning with relatively even spacing, group selection, group seed tree, or a combination of all three. Once the plantation becomes mature enough to produce seed, natural regeneration should become established without much difficulty.

One advantage of thinning is that the understory vegetation will be knocked down enough to allow managers to reintroduce prescribed fire more safely. However, immediately after any kind of ground disturbance the area may be susceptible to invasion by exotic/invasive plant species. This is something to be especially concerned with in this part of Florida, and it is recommended that a plan be in place to address this potential problem prior to any harvest activities.

From a purely wildlife perspective this stand is much too dense. To achieve a more open area a series of thinnings can be conducted to reach a desired goal.

Utilizing current harvesting techniques over a period of time we can reach an optimum density of 40 square feet per acre. These thinnings remove undesirable trees with disease and poor form there by reducing the number of stems per acre. A gradual reduction of basal area reduces the risk of windthrow and can facilitate the wise use of fire.

This stand has been planted and as such can be thinned by marking and removing every third row. Once the row has been removed individual trees can be marked for removal as well. This process can reduce the basal area from the current 120 sq. feet per acre to 60 or 70 sq. feet per acre.

The amount of wood volume alone besides the interruption of hunting dictates the process over a number of years. The initial thinning can be completed in the next three years and weather permitting the entire thinning project completed in the next seven years.

Once the initial thinning has taken place plans should be made for controlled burns. The plan might include: reestablishing old firelines the right time of year for native grass and forb production, the use of ground units for preparatory burns prior to Aerial ignition and smoke management.

This recommendation is in no way set in stone. There are other options such as do nothing and even clear-cutting. The advantages of a do nothing approach are apparent. Management costs are extremely low. The advantage of clear-cutting is a higher dollar return. Disadvantages are as readily apparent and include lower game populations and expense for reforestation respectively.

STAND 2 : Freshwater Marsh 520 acres

Description:

This community type is comprised of almost entirely low growing wetland plant species. The plant species found here include but not limited to: buttonbush, Loblolly bay, cinnamon fern, rushes, sedges and bladderwort.

Recommendation:

No recommendations for this stand other than possibly using prescribed fire during the appropriate time.

STAND 3: Saltwater Marsh 30 acres**Description:**

This stand is limited in size and can be found within Guana Lake and what is known as Diego Impoundment. Several species of grass can be found such as Widgeon-grass, arrowgrass, salt grass and cordgrass. Rushes like spikerush and black needle rush can also be found.

Recommendation:

No recommendations for this stand at this time.

STAND 4: Overwash Plain 3,118 acres**Description:**

This community can be found along the Atlantic Intracoastal Waterway. The area is exposed and flooded twice daily by tidal action. Portions of this area are continuously submerged. Plants associated with this stand include: Groundsel tree, saltgrass, smooth cordgrass, saltwort, black mangrove and saltmarsh fleabane.

Recommendation:

No recommendations at this time.

STAND 5: Cypress Swamp 42 acres**Description:**

This community is located within stand 1 and can be described as deep depressions with the following plant species: pond cypress, maple, loblolly bay, swamp black gum and buttonbush.

Recommendation:

No recommendations at this time.

STAND 6: Hardwood Swamp 267 acres

Description:

This community occurs in poorly drained depressions with extremely low plant diversity. Overstory plants include: water oak, red maple, Florida maple and swamp blackgum. Understory species include swamp dogwood and buttonbush.

Recommendation:

No recommendation at this time.

STAND 7: Scrub 668 acres

Description:

Recently this community has undergone a transformation by setting back succession through mechanical means. Other portions of this stand have not been manipulated but plans have been made to change their structure as well. Overstory plant composition found in this stand is Sand Live oak, Chapman's oak and Myrtle oak. Understory plants include: poor joe, staggerbush, winged sumac, Saw palmetto and Bottlerush three-awn.

Recommendation:

As mentioned, this stand has been drastically changed from a mature scrub to a juvenile one. This was done primarily for certain endangered species like the scrub jay.

The process used to set back succession was one using a mechanical roller drum chopper and a brown tree cutter. Fire was used once the overstory was in a more manageable state.

Other areas of this stand will be treated in a similar mechanical fashion on a timetable of the FFWCC design.

STAND 8: Hardwood Hammock 888 acres

Description:

This stand can be described as a maritime or upland hardwood hammock. The characteristic flag form tree's adjacent to Guana Lake is a direct result of wind action and salt spray. The vegetative component varies in diversity from place to place. The primary descriptive factor in this stand is its broadleaf and evergreen species like: Live oak, Laurel oak, southern red cedar, southern magnolia and cabbage palm. Understory species such as: Orchid, wax myrtle, green briar, mulberry, wild grape and persimmon can be found here as well.

Recommendation:

This stand should be left in its present condition for forest interior species.

STAND 9: Guana Lake & Impoundments 3,143 acres**Description:**

No description necessary.

Recommendation:

None at present.

Prescribed Fire

Prescribed fire is an important tool for ecosystem management in Florida. Before European settlement, natural fires occurred at regular intervals on an average of two to five years. These fires reduced the fuel load, produced a seedbed for pine regeneration and released nutrients back into the soil. Prescribed fire, coupled with a well-planned timber harvest, is often the most economical and responsible method for conducting ecosystem management, and restoring areas back to natural conditions.

The major objective when prescribed burning in timber should be minimal mortality of the trees. Historic natural fires caused very little tree mortality except in small seedlings because they burnt mostly on the finer fuels of wiregrass and pine straw. Slash pine is more intolerant to fire than longleaf pine, especially during the seedling stage when longleaf pine is in the grass stage. Both species are susceptible to fire caused mortality for several years after initiation of height growth. Therefore, burning intervals should be adjusted until the majority of the trees grow out of the susceptible stage. One study suggests that once slash pine seedlings surpass 1.5 inches diameter 6 inches above the ground, most will survive, providing the fire is cool. (Johansen, R.W. and Wade, D.D. 1987). When burning, even in

mature timber, it must be kept in mind that not all fire is good. A hot fire may not initially kill trees, but will stress them enough to dramatically increase their susceptibility to insect and disease attack. This is especially true when combined with other stresses, such as drought or flood.

Economics

It is difficult to predict what future timber markets will be, and therefore difficult to predict with any certainty the amount of revenue that can be derived through timber harvests on The Guana River Wildlife Management Area. Market conditions, harvest prescriptions, product mix, logging conditions and distance to manufacturing facilities all play a factor in stumpage prices.

The Guana River Wildlife Management Area, which is approximately 30 minutes to a couple of hours from major wood processing facilities in Palatka, Fernandina, Shamrock and Whitehouse, Florida. This makes it easier to sell timber in this part of Florida, especially considering current market conditions.

Although timber sales occurring at the The Guana River Wildlife Management Area cannot be expected to generate vast amounts of revenue, they can be expected to sell. This is advantageous if habitat restoration and fire hazard reduction are goals. A well-planned timber harvest can greatly reduce the costs of these activities as well as reduce the risk of wildfire.

Access

Most of the interior roads on the facility are capable of light truck usage. These roads are not designed to accommodate heavy truck traffic for long periods of time and certainly not in wet weather.

Summary

The Guana River Wildlife Management Area has large amount acreage of pine plantation within the flatwoods in which silviculture treatments may prove beneficial. It is possible to manage this area in such a manner to provide a more natural appearance, meet local objectives and produce revenue through timber harvests. The revenue producing potential of the area is good. The most practical application of silviculture on this property is a tool in achieving forestry objectives and for reducing wildfire hazards.

Literature Cited or Used

Bennett, Frank A. 1963 Growth and Yield of Slash Pine Plantations. USDA Forest Service, Research Paper SE-1. Southeastern Forest Experiment Station, Asheville, NC. 22 p.

Bennett, Frank A. 1980 Growth and Yield in Natural Stands of Slash Pine and Suggested Management Alternatives. USDA Forest Service, Research Paper SE-211. Southeastern Forest Experiment Station, Asheville NC. 8 p.

Johansen, R.W. and Wade, D.D. 1987. An insight into thinning young slash pine stands with fire, pp 103-106. *In*: Douglas R. Phillips (comp.) Proceedings of the Fourth Biennial Southern Silvicultural Research Conference; 1986 November 4-6; Atlanta, GA. USDA Forest Service Southeastern Forest Experiment Station General Technical Report, SE-42.

United States Department of Agriculture. 1987 (rev.). Twenty-Six Ecological Communities of Florida. Soil Conservation. Service.

Soil Survey Staff, Natural Resources Conservation Service, United States Department of Agriculture. Web Soil Survey. Available online at <http://websoilsurvey.nrcs.usda.gov/> accessed [07/14/2008].

13.14.2 The Forest Company Timber Assessment

THE FORESTRY COMPANY

GUANA RIVER WMA PINE TIMBER MANAGEMENT PLAN

Prepared for:

FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION

Prepared by:

Don Curtis, Forestry Company President
and
John M. Bogue
Forest Inventory Manager

THE FORESTRY COMPANY
502 West Green Street
Perry, Florida 32347

Date of Report: November 10, 2012



November 10, 2012

Justin Ellenberger, Wildlife Biologist
Guana River Wildlife Management Area
Florida Fish and Wildlife Conservation Commission
440 Guana River Rd.
Ponte Vedra Beach, FL 32082

RE: GUANA RIVER WMA PINE TIMBER MANAGEMENT PLAN

Dear Justin:

Enclosed is the report in paper form as well as a CD containing the report and shapefile.

Please call me if you have any questions.

Respectfully yours,

John Bogue – Timber Inventory Manager
(850) 843-1192

GUANA RIVER RANCH WMA - FFWCC
PINE TIMBER MANAGEMENT PLAN

Executive Summary

Property Description: The Guana River WMA Property that is maintained by the Florida Fish and Wildlife Conservation Commission (FFWCC) contains 9,815 acres MOL of land in St. Johns County, Florida. The bulk of the property is used for habitat and species conservation as well as public recreation. This unique landscape is comprised of a variety of natural communities to include: mesic, wet and scrubby flatwoods, bay gall, basin swamp, dome swamp, tidal marsh, depression marsh, xeric, hydric, mesic and maritime hammock, basin marsh and scrub.

This Pine Timber Management Plan specifically covers only areas that are considered "Pine Dominant": mesic flatwoods, scrubby flatwoods and pine plantation totaling 1,634 acres MOL. Although FNIA (Florida Natural Areas Inventory) does not consider pine plantation a natural community, this report will identify all pine plantation as mesic or scrubby flatwoods. Most "plantation" acres have been thinned to the point of or will soon be thinned to a degree that they resemble a natural community more so than a pine plantation.

Location: The property is located in St. Johns County, FL. Its physical location in relation to nearby towns is depicted on the enclosed property location map. The city of Jacksonville is located to the north and Villano beach and St. Augustine are to the south. The property is accessed from CR 210 on the north side and A1A at the southeast entrance.

Current Use: The primary land use is habitat and species conservation as well as public recreation. The secondary land use is for revenue through timber harvests and public use hunting.

Past Forest Use -Regarding the past timber management, a large amount of the upland forests were managed as an income source. Much of the remaining acreage was timbered and allowed to restock by natural regeneration. The most recent planting took place in 1978 on roughly 800 acres. In more recent years, FFWCC has initiated a thinning program to reduce mature pine stands to a desired basal area (BA) per acre of 30 – 40 for mesic flatwoods and a basal area per acre of 20 for scrubby flatwoods. Stands thinned to these basal areas are more suitable for wildlife and enables management primarily through controlled burning. Management units, which have been established by FFWCC primarily for burning purposes, are mentioned throughout the report.

Desired Future Condition (DFC) of Forests – Two primary objectives have been expressed by FFWCC Management.

1. Manage the pine forests in a sustainable manner to aide in habitat and specie conservation, and provide public recreation.
2. Manage the pine forest in compliance with all Best Management Practices (BMPs) and other regulatory requirements.

Since forest management is a long-term business venture, this Pine Timber Management Plan seeks to set a direction for the next 20 year period, at the end of which these plans will need to be updated to reflect changes in timber growth and markets, as well as changing land use objectives by FFWCC.

Short term timber goals: Execute timber sales, select thinnings, on 753 acres that have been identified to have a BA per acre above FFWCC's desired stocking. These timber sales will take place August 2012 – February 2014. The acres included in these short term goals will be briefly reviewed and then an addendum to this report will be submitted following the completion of the timber harvests. The addendum will illustrate current stand conditions, post harvest BA, volumes, give stand descriptions and list recommendations for future timber management.

Timber Sale Inventory: Sale units include: 1 – 5, 9, 11, 14, 18, 27, 30, 39 and 47. One hundred fifty inventory plots were taken resulting in a statistical outcome showing that 90% of the time, the reported BA per acre should fall within 7.9% of the actual BA per acre. For timber cruise work up, the acreage was broken into thinned and un-thinned stands.

Stand #1: Thinned stands contained 690.4 acres. The current BA per acre of these stands is 65. It is estimated that 46% of the current 54.4 tons per acre must be removed to reach the desired BA per acre of 30 – 40.

Stand # 2: Un-thinned stands contained 62.8 acres. The current BA per acre of these stands is 105. It is estimated that 67% of the current 100.5 tons per acre must be removed to reach the desired BA per acre of 30 – 40.

Timber Value: The stumpage values used are \$/ton as follows: Pine Pulpwood - \$14/ton, Pine Chip-n-saw - \$18/ton, Pine Sawtimber - \$28/ton, Pine Topwood - \$14/ton. It should be noted that these prices are reflective of recent markets.

753 acre timber sale - estimated value of the merchantable timber to be removed is approximately \$455,838 or \$605.20/timbered acre.

Approximately a month and half after the above estimates were calculated, bid results for this timber sale were received. Due to weakened prices in saw wood products and a rise in pulp wood products within just 45 days, the winning bid for the timber came in slightly under the estimated value at \$424, 516.

***Timber sale maps, specs, and executive summaries can be found under the “Timber Sales” tab. These are the primary pages of the previously submitted “Pre-harvest Reports”.

Long term goals: A total of 881 pine acres were identified as areas that were not in need of immediate timber harvest. These areas have an average BA per acre of 22 which is below FFWCC’s BA per acre target area of 30 - 40. These 881 acres will be discussed in this section of long term goals that lists many attributes of these units and provides recommendations for future pine management.

Pine Timberland Characteristics: These lower BA units include mesic flatwoods and scrubby flatwoods. An in-depth description of flatwoods can be found under the tab “Natural Communities”. It should be noted that many of these units have an extremely variable stocking, especially the scrubby flatwoods. In many instances several acres will be completely open and absent of any pine trees or may only have a couple of trees. Conversely, many times the small “pockets” of pine within these units are quite dense with BA per acre reaching 70-80. The inventory samples taken equate to an estimate of actual BA per acre. Many units are so sporadically populated with pine trees that a 100% tally of all stems per unit would be the only way to obtain accurate results.

Slash pine is the dominant pine specie with a small percentage of volunteer Loblolly and Longleaf pine intermixed though out the stands. These acres currently have a pine BA per acre ranging from 0 to 43. Many of these pine stands have a wide range of BA due to past timber thinning, burning mortality and small insect infestations. For instance, an 111 acre unit may have an average BA per acre of 28, but the north 50 acres BA per acre may be 40 while the central 25 acres BA per acre may be 0 and the southern 36 acres may only have a BA per acre of 20. Similar BA per acre variability as illustrated in the example above is found in most of these lower BA per acre units.

Many units have a combination of flatwoods types and a few have only one type. Management units sampled with mesic flatwoods and scrubby flatwoods are 18, 23, 27, 31, 33, 52 and 55. Mesic flatwoods only are units 35 and 50. Unit 6 is entirely scrubby flatwoods.

BA per acre and natural pine regeneration SPA (stems per acre of stems >4.0” dbh) varied greatly though out the units. Some units had zero BA and some had up to 43 BA. Natural pine regeneration varied from 0 SPA up to 183 SPA.

Most units have been control burned within the last several years. Firebreaks and/or roads provide unit/boundary buffers during controlled burns. Understory in these units ranges from very open to moderately thick depending on time span since the previous controlled burn. Understory is composed mainly of saw tooth palmetto, gallberry, oak, myrtle and a ranging variety of browse and herbs. Some small areas, that were possibly too wet to be effectively burned during control burns, may have some small hardwood trees (water/live oaks, maple and myrtle).

Access into the units is excellent due to a well maintained road system. Even during the most wet times of the year, the main roads can be navigated. That being said, during the wet times of the year most fire breaks and trail roads become impassable until the water levels recede and fire breaks have time to dry.

Multiple management unit characteristics such as “unit numbers, unit pine acres, pine BA, SPA, forest type, ages, average dbh, etc.” can be found under the “Forest Inventory” tab.

Timber Inventory: The Forestry Company installed a total of 95 plots or one plot per 9 acres over the 881 acre inventory area. The inventory units were combined for end statistical results.

The 95 forest inventory plots were taken using a 10 BAF prism for merchantable timber and a 50th acre circular plot for natural pine regeneration. Specie, DBH, product and heights were collected on the plots. The resulting statistics are that 80% of the time, the reported BA per acre should fall within 19.4 % of the actual BA per acre.

The “Timber Inventory” tab contains the executive summaries of the units sampled as well as per unit summaries for each. Also under this tab is inventory information such as statistical results, cruise maps and tree tally. The GIS shape files for the forest mapping are contained on the enclosed CD.

Timber Value: The current value of the merchantable timber in the inventory areas, 881 acres, is approximately \$258,759.19 or \$293.71/timbered acre. The timber value assumes that all merchantable timber over the 881 acres would be clear cut. It should be noted that getting a logger to cut all of the timber would be difficult due to its variability. The logger would have to move and set-up more than he would be cutting which would substantially reduce price. This further depresses stumpage prices as production costs are higher when compared to more uniform stands that don't require as much effort while harvesting. The stumpage values used are from the timber bid results and are as follows: Pine Pulpwood - \$17.54/ton, Pine Chip-n-saw - \$19/ton, Pine Sawtimber - \$21.40/ton, Pine Topwood - \$17.54/ton. It should be noted that these prices are reflective of recent markets.

Soil Characteristics: According to the *Soil Survey of St Johns County* (published by the Natural Resources Conservation Service), the general soils map suggests the Myakka soils (3) are the dominant soil type on the pine management areas. Minor soils that are in the pine management areas include: Snyma, Cassia and Orsino. Site indices for the Myakka soils, according to the soil survey, are 60 for longleaf pine and 70 for slash pine over a 50 year period. Slash pine is the recommended species to plant as they are most suited for these soils. However, longleaf pine is also suitable for these soils. Each timber stand should be evaluated for specie preference at time of reforestation. Map unit descriptions and forest land productivity information is located under the “soils” tab.

Area of Special Concern: Located just west of unit 18 is an Eagles nest. Any future timber activities in unit 18 must take into account this nest. The location is depicted on a map that can be found under the “maps” tab.

Timber Management Opportunities

Management Directives taken from “A Conceptual Management Plan for the Guana River Wildlife Management Area 2002 - 2007:

The 50-year Trustees lease agreement with FFWCC directs the agency to “manage the leased premises only for the conservation and protection of natural and historical resources and resource-based, public outdoor recreation which is compatible with the conservation and protection of these public lands, as set forth in subsection 253.023(11), FS...” The lease agreement further directs FWC to “implement applicable Best Management Practices for all activities under this lease in compliance with paragraph 18-2.004(1)(d), FAC which have been selected, developed, or approved for the protection and enhancement of the leased premises.”

A Land Acquisition description taken from “A Conceptual Management Plan for the Guana River Wildlife Management Area 2002 - 2007:

“The Guana River Wildlife Management Area (GRWMA) was recommended for purchase by the Conservation and Recreation Lands (CARL) committee in September, 1983. The CARL committee in its project assessment prepared for the Governor and Cabinet expressed the unique character of the property:

“It is unusual for a single proposed project area to combine such a diversity of valuable natural, cultural and recreational resources. These include: (1) excellent ocean-front beach with high dunes stabilized by natural vegetation; (2) an unusually extensive natural area of undisturbed Atlantic coastal strand (scrub) vegetation; (3) extensive maritime hammock containing an unusual natural association of mature trees; (4) extensive estuarine wetlands (marsh); (5) extensive areas of pine flatwoods; (6) bird rookeries, including a sizable population of the endangered wood stork; and (7) extensive aboriginal middens, aboriginal burial mounds and artifacts of aboriginal and Spanish colonial (origin).”

As shown above in the overall management directives and land description for the Management Area, timber management is not considered a high priority. However, it was requested that this particular management plan be specific to Pine Timber Management. The following pages primarily describe the timber management of pine stands - natural communities of mesic and scrubby flatwoods.

The opportunities for timber management are associated with the geographical distribution of the timber, and the age and condition of the timber within each individual unit. The 10 units that are currently not scheduled for harvest will all progress uniquely as they vary greatly in BA per acre, age, uniformity and future management outcomes (burning). If the intent is to try and manage these units for a BA per acre of 30 – 40 for mesic flatwoods and a BA per acre of 20 for scrubby flatwoods, it can be accomplished by a few distinct methods.

Controlled burning: High frequency and intensity of controlled burns on the higher stocked stands can maintain and or/reduce BA per acre. Although the frequent burning may produce more natural regeneration, it will not survive if not given time between controlled burns. Lower frequency burning will allow time for natural pine regeneration to reach a size suitable to survive fire. Time of controlled burns can also aide in successful regeneration. This can be accomplished by monitoring seed germination and control burning to provide a clean “seed bed” to aide in regeneration. As shown under the “Timber Inventory” tab, executive summary “Per Unit Summary of Pine Areas”, some units already have viable natural regeneration. These units would need to be burned under a specific regime to promote the survival of the natural regeneration. Each unit’s make up is slightly different and burn regimes/results would need to be monitored closely to ensure desired results.

Planting: On the lower BA per acre stands, planting slash or long leaf pine can be used to increase BA per acre to 20 or 30 – 40. These plantings could be conducted by machine or hand planting. Large open areas in the low BA per acre stands could be targeted for these plantings. Planting in these areas would need to be +/-600 SPA for mesic flatwoods and +/-400 SPA for scrubby flatwoods to ensure adequate long term survival due to mortality caused by future controlled burns. Shown on the “per unit description” maps (on the following pages) are the specific areas that should be targeted for these planting regimes.

Mulching/roller chopping/aerator: Some units may be suited for machine site prep. Mulchers, choppers or aerators can be used for results that mimic a non-uniform “natural” regeneration. Corridors can be mulched though the stand to open the ground for seed fall, reduce competition and increase sunlight to the forest floor. This machine preparation can be followed with hand planters. Site preparation for natural pine regeneration should be done in August/September (just prior to seed dispersal).

Approximate Costs:

Slash per 1000 - \$45.00/1000 2nd generation rust resistant

Containerized Longleaf per 1000 - \$195.00/1000 natural stand \$220.00/1000 improved

Mulching - \$75.00 to \$200.00/acre or \$260.00/hour-all depends on how heavy and dense the vegetation is to mulch

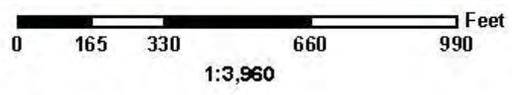
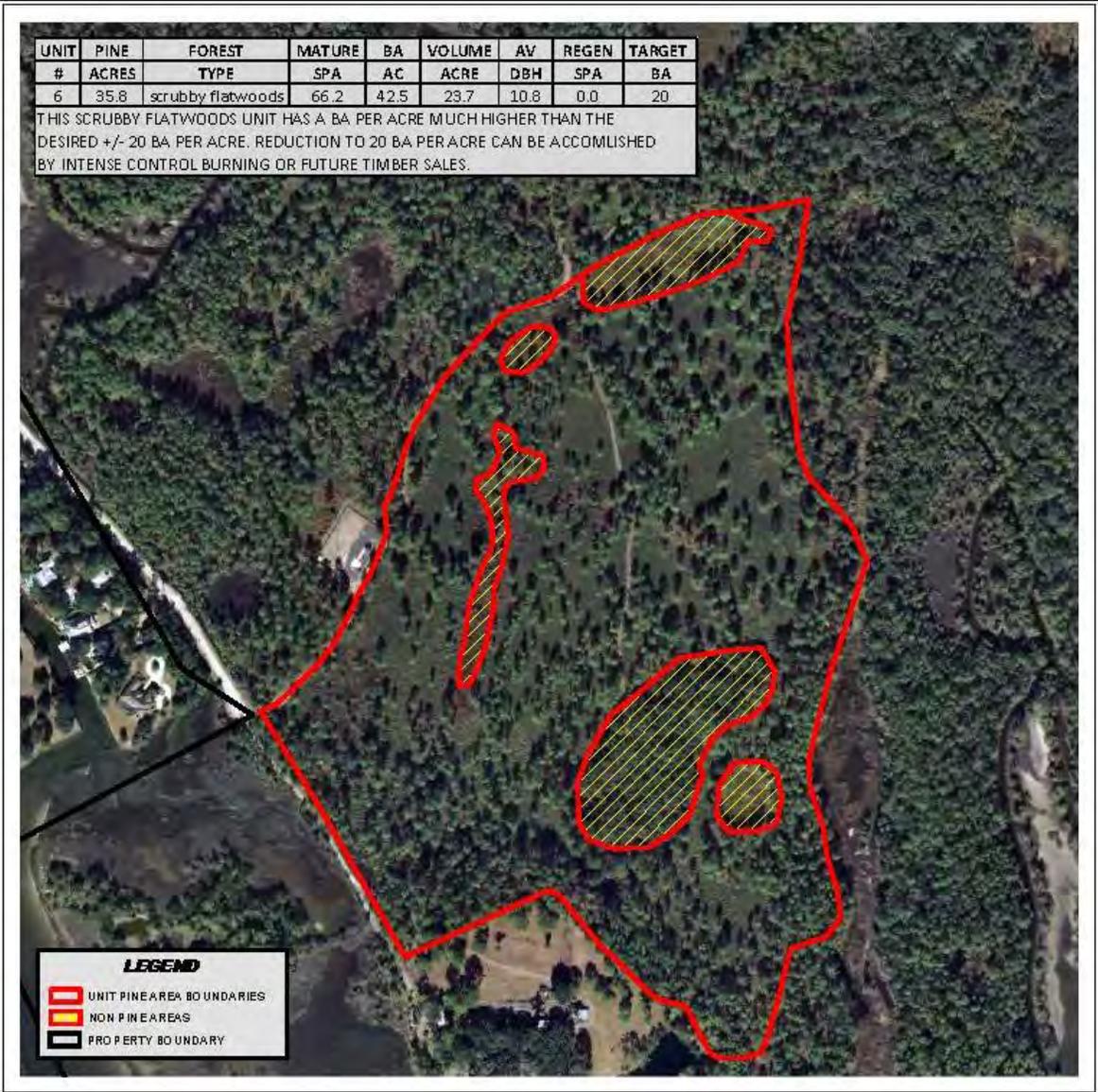
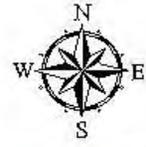
Aerator - \$45.00 to \$60.00/acre

Chopping - \$45.00 to \$55.00/acre on acreages similar to Caravelle flatwoods

Hand planting - \$55.00 to \$80.00/acre dependant on the amount of seedlings per acre to be planted.

Machine Planting - \$45.00 to \$50.00/acre, or \$100/acre for V-Blade planting.

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
PER UNIT DESCRIPTION**

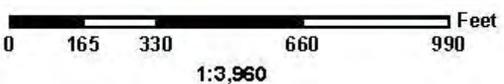
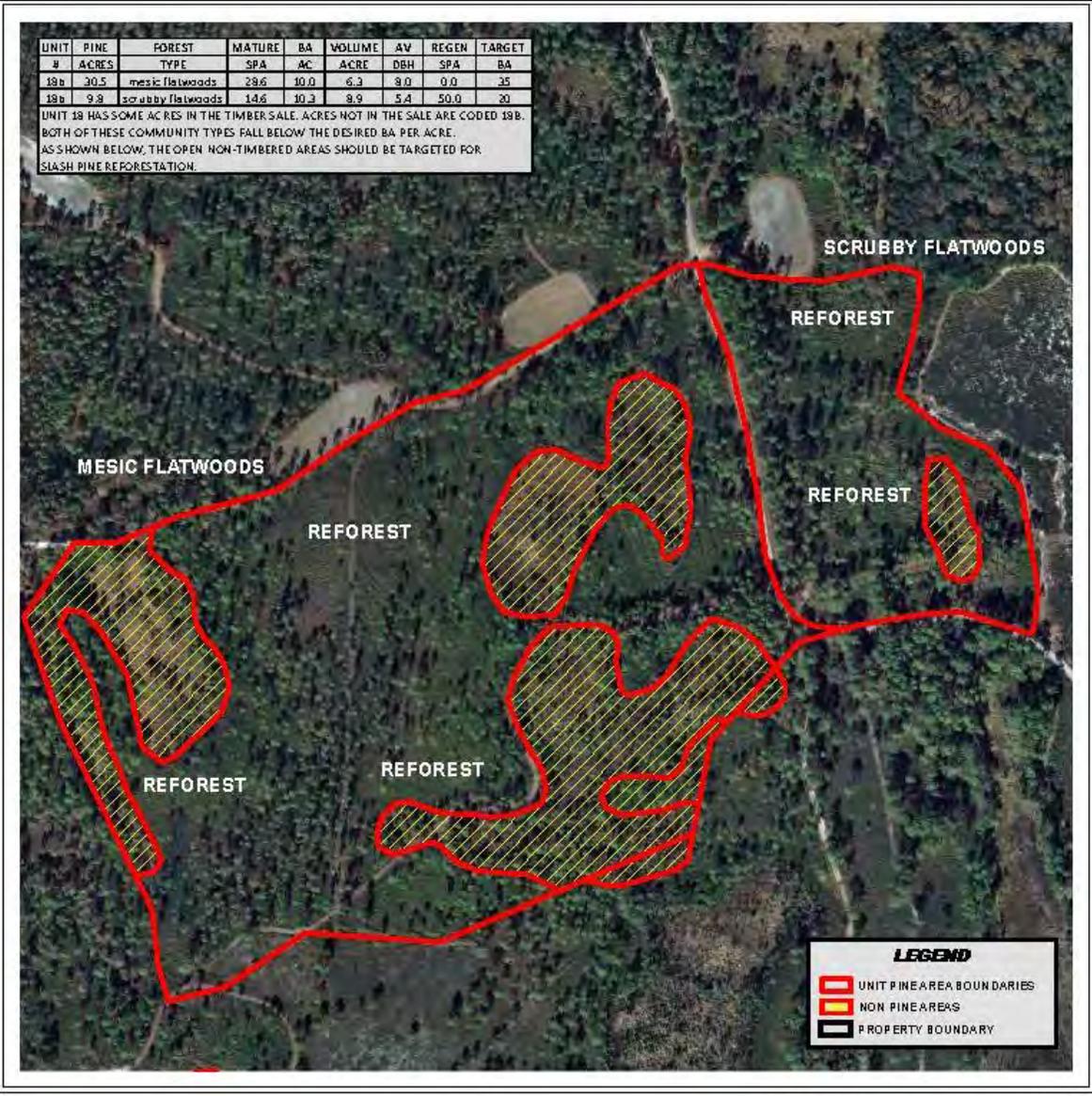
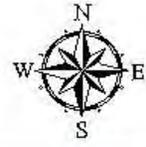


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

NOTE: SCREENGRAVE WILL BE TERMINATED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A NUMBER OF COORDINATE INFORMATION SYSTEMS BASED. THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THESE SYSTEMS IN INSURANCE, SURVEY, OR CONTRACTUAL SITUATIONS IS ENTIRELY AT THE RISK OF THE USER AND USER'S CLIENT.

THE FORESTRY COMPANY
JOHN M. BOONE
602 W. GREEN ST.
PERRY, FL 32347
(904) 654-2337
08/20/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
PER UNIT DESCRIPTION**

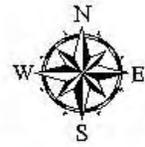


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

NOTE: ACCURACY WILL BE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A RANGE OF COORDINATE INFORMATION SYSTEMS BASE. THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SINGLE POINT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THE INFORMATION, INSTRUCTIONS, SPECS, OR CONTRACTUAL AGREEMENTS IN RELATION TO THE RISK OF THE BUYER AND SELLER.

THE REFORESTRY COMPANY
JOHN M. BOONE
682 W. GREEN ST.
PERRY, FL 32347
(904) 654-2257
08/20/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
PER UNIT DESCRIPTION**

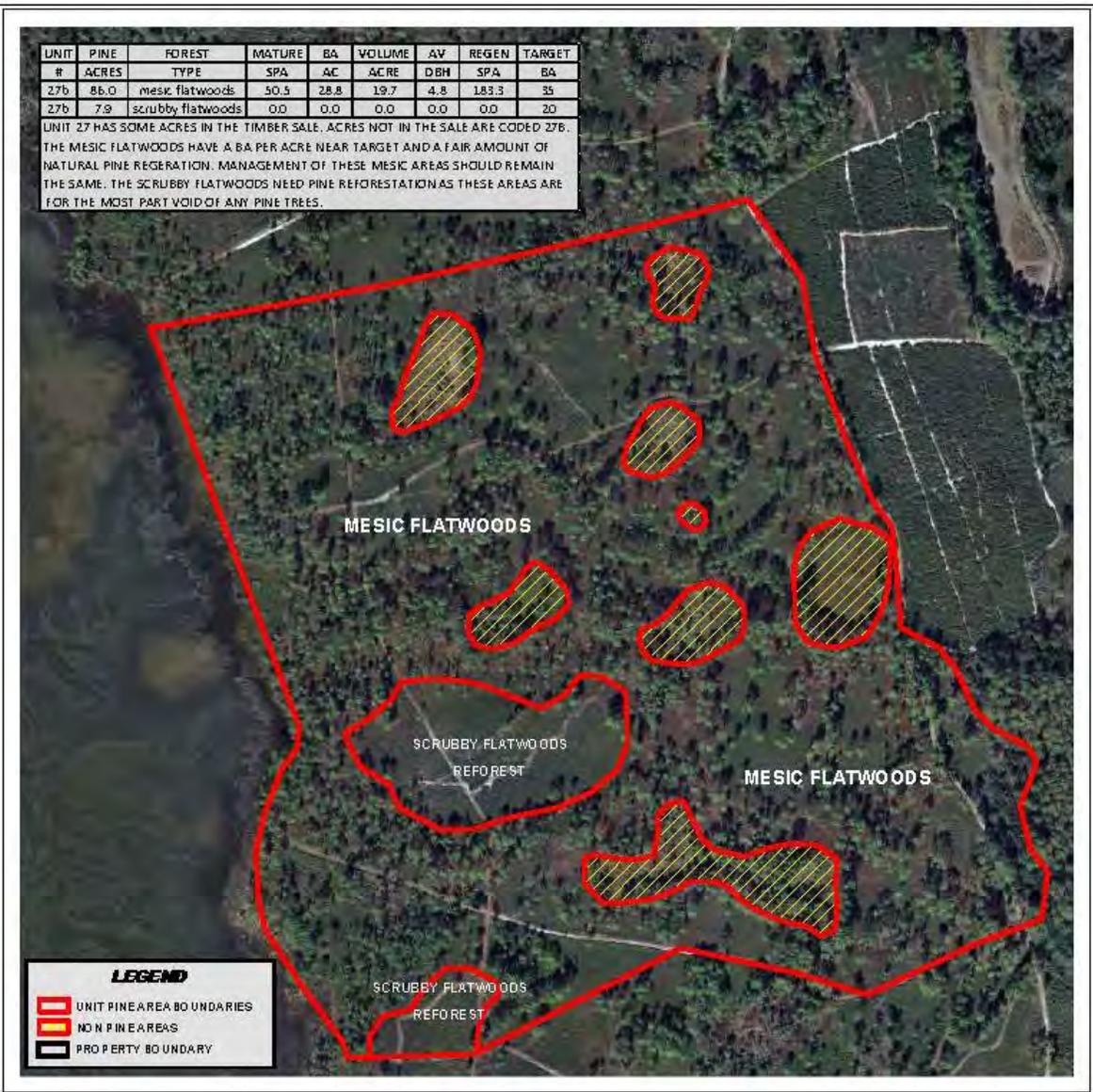
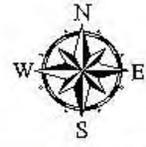


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

NOTE: ACCURACY WILL BE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS MAPS AND OTHER COORDINATE INFORMATION SYSTEMS DATA. THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THE INFORMATION, SERVICES, OR CONSTRUCTION INFORMATION IS ENTIRELY AT THE RISK OF THE BUYER AND USER.

THE FORESTRY COMPANY
JOH N M. BOGUE
502 W GREEN ST.
PERRI, FL 32347
(850) 554-0037
05/20/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
PER UNIT DESCRIPTION**

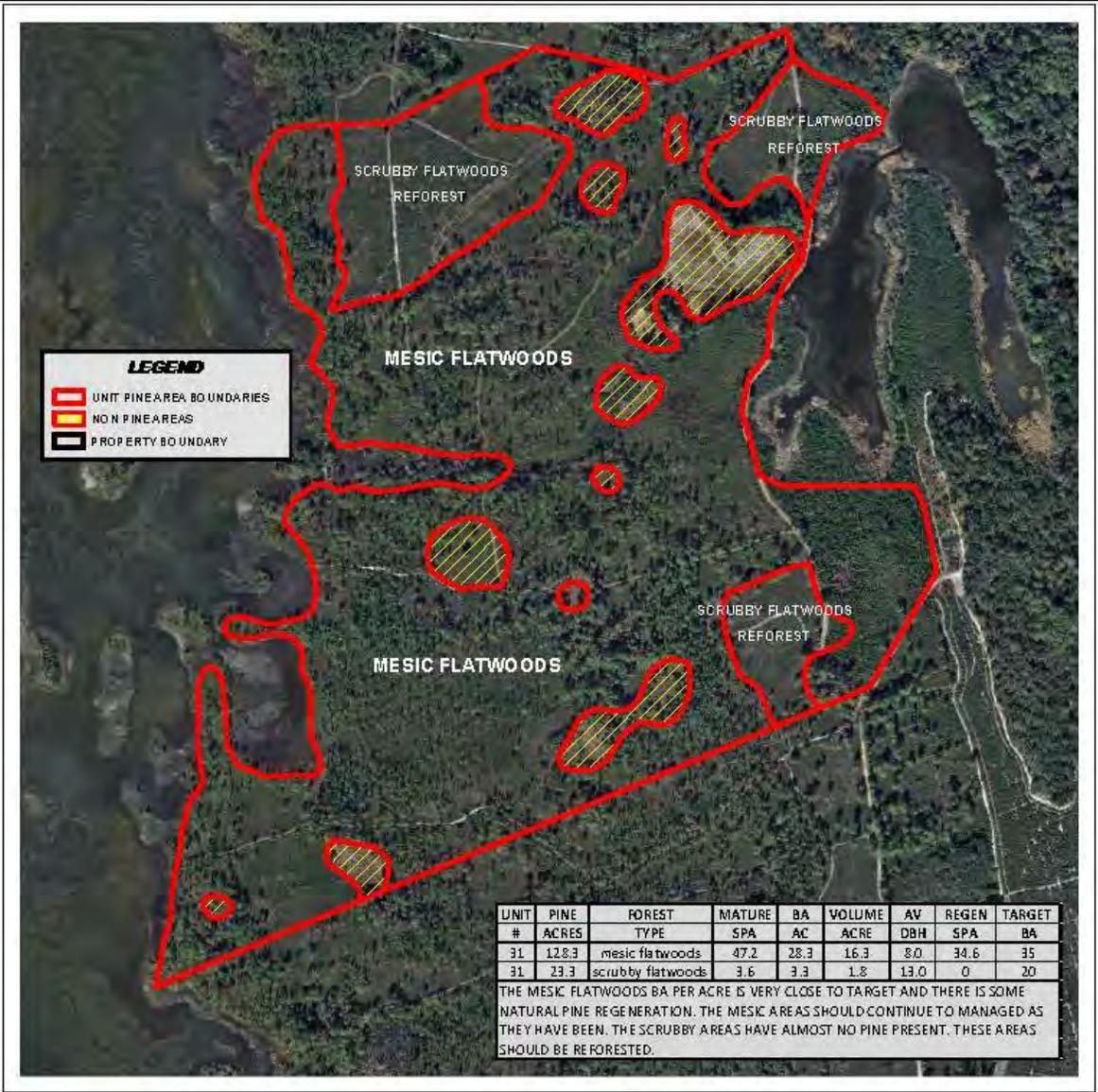
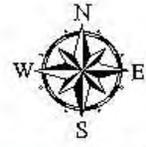


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

NOTE: SCREWMAP WAS DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A NUMBER OF COORDINATE INFORMATION SYSTEMS (CIS). THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THE INFORMATION, INSTRUCTIONS, SURVEY, OR CONSTRUCTION INFORMATION IS ENTIRELY AT THE RISK OF THE BUYER AND SELLER.

THE REFORESTRY COMPANY
JOHN M. BOONE
602 W. GREEN ST.
PERRY, FL 32347
(904) 654-2257
08/20/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
PER UNIT DESCRIPTION**



LEGEND

- UNIT PINE AREA BOUNDARIES
- NON PINE AREAS
- PROPERTY BOUNDARY

UNIT #	PINE ACRES	FOREST TYPE	MATURE SPA	BA AC	VOLUME ACRE	AV DBH	REGEN SPA	TARGET BA
31	128.3	mesic flatwoods	47.2	28.3	16.3	8.0	34.6	35
31	23.3	scrubby flatwoods	3.6	3.3	1.8	13.0	0	20

THE MESIC FLATWOODS BA PER ACRE IS VERY CLOSE TO TARGET AND THERE IS SOME NATURAL PINE REGENERATION. THE MESIC AREAS SHOULD CONTINUE TO MANAGED AS THEY HAVE BEEN. THE SCRUBBY AREAS HAVE ALMOST NO PINE PRESENT. THESE AREAS SHOULD BE RE FORESTED.

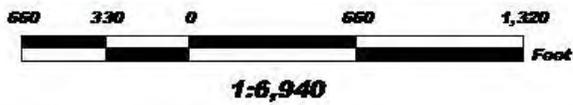
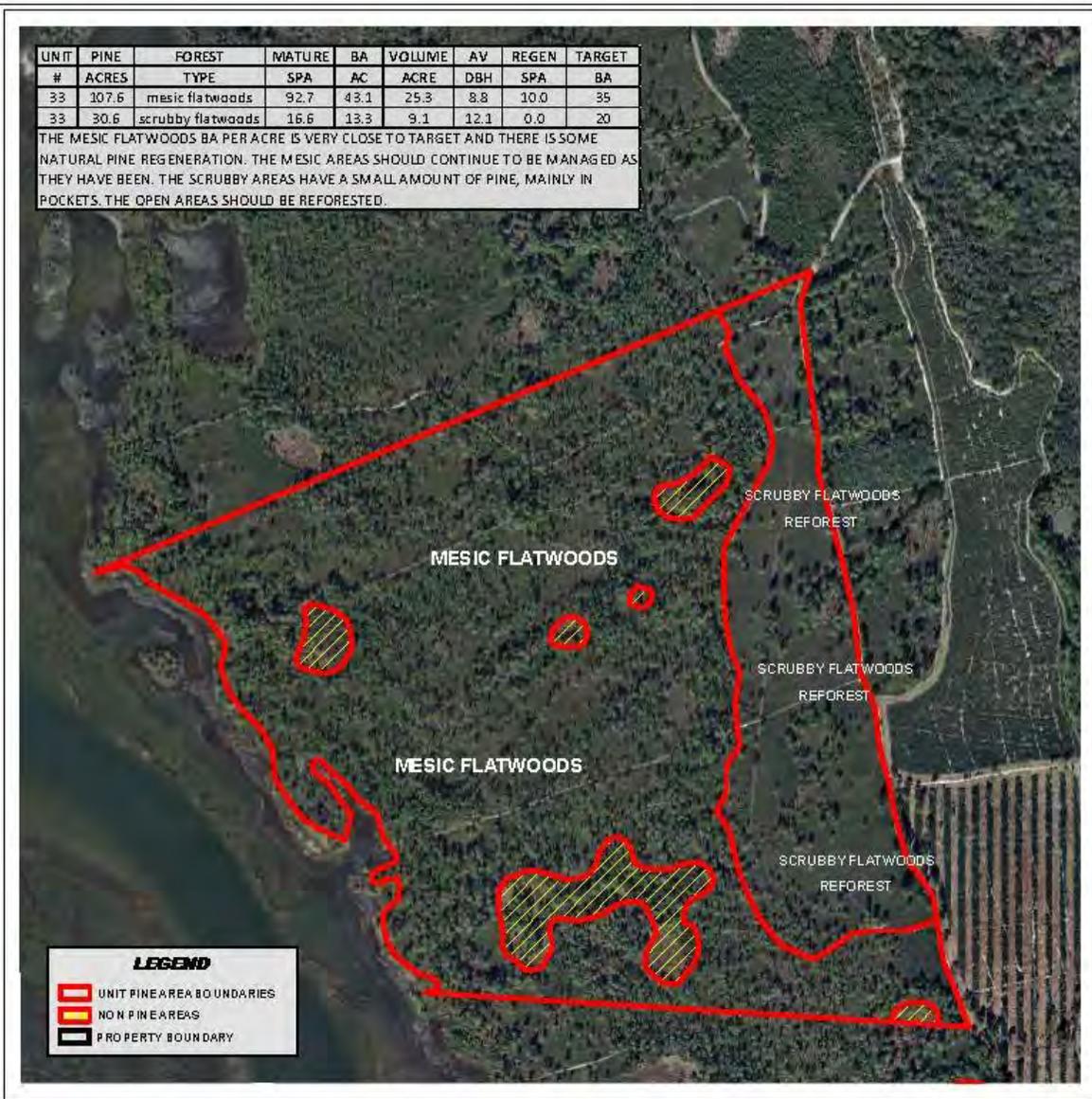
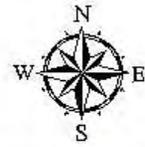


PROJECTION: UTM, NAD 83, ZONE 17N, METERS 2010 AERIALS

NOTE: ACCURACY WILL BE TERMINATED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A NUMBER OF COORDINATE INFORMATION SYSTEMS BASE. THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THESE COORDINATE INFORMATION SYSTEMS, SURVEY, OR CONTRACTUAL AGREEMENTS IS ENTIRELY AT THE RISK OF THE BUYER AND SELLER.

THE REFORESTRY COMPANY
JOHN M. BOONE
682 W. GREEN ST.
PERRY, FL 32347
(904) 634-2337
08/20/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
PER UNIT DESCRIPTION**

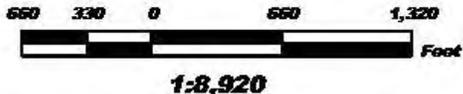
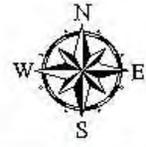


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

NOTE: COURSE WAS DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS (GPS) AND/OR GEOSPATIAL INFORMATION SYSTEMS (GIS). THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY VALUE DERIVED THEREFROM SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THESE ACCURACY INFORMATION, SALES, OR CONTRACTUAL AGREEMENTS IS ENTIRELY AT THE RISK OF THE BUYER AND SELLER.

THE FORESTRY COMPANY
JOHN M. BOGUE
502 W. GREEN ST.
PERRY, FL 32347
(351) 554-0337
05/20/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
PER UNIT DESCRIPTION**

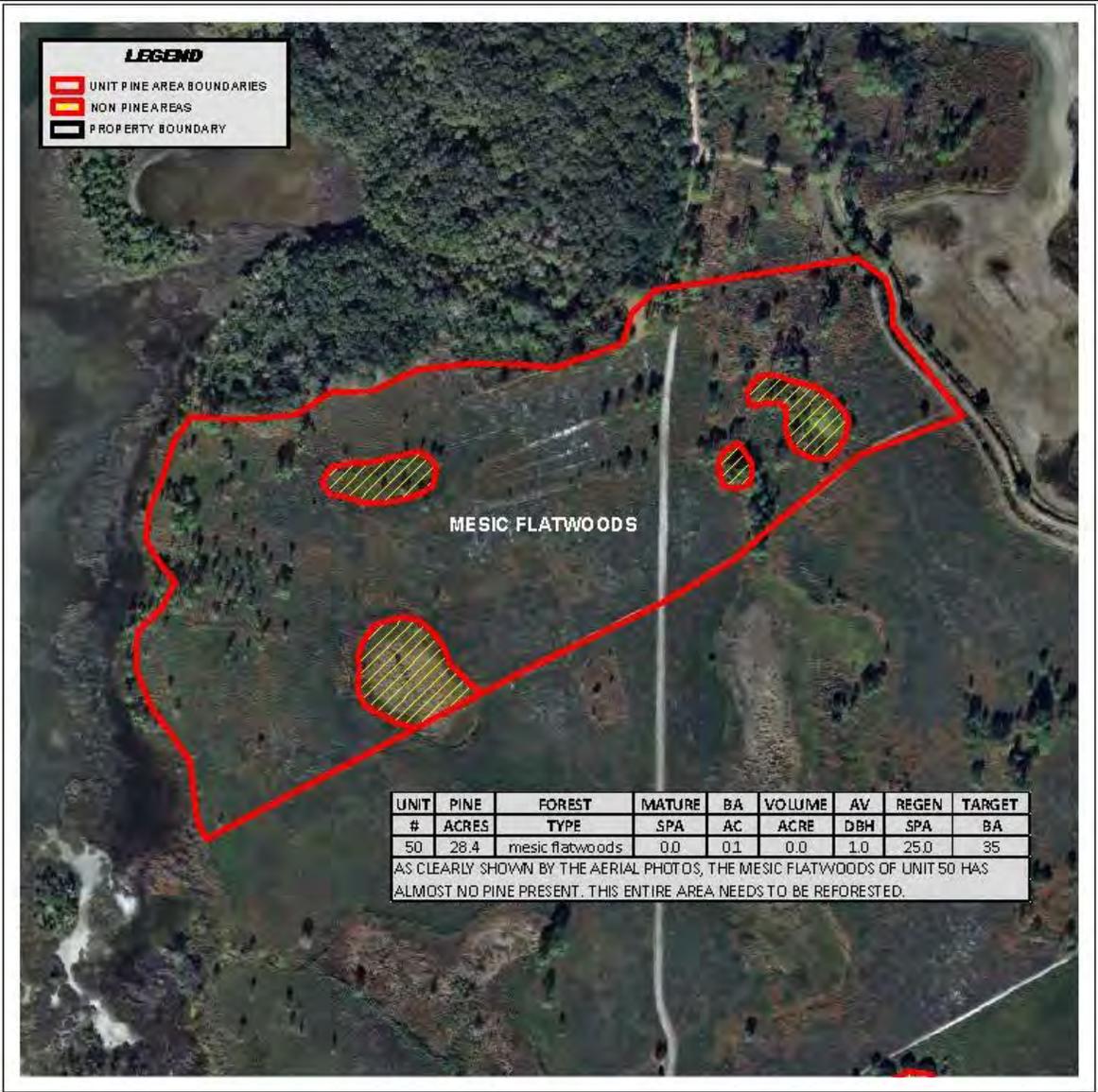
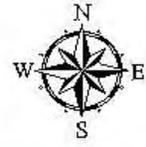


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

NOTE: ACCURACY WILL BE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A RANGE OF GEOSPATIAL INFORMATION SYSTEMS DATA. THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THE INFORMATION, SERVICES, OR CONSTRUCTION EQUIPMENT IS ENTIRELY AT THE RISK OF THE BUYER AND USER.

THE FORESTRY COMPANY
JOHN M. BOONE
682 W. GREEN ST.
PERRY, FL 32347
(904) 654-2337
08/20/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
PER UNIT DESCRIPTION**

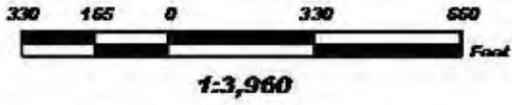


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

NOTE: SCREENTONE WILL BE TERMINATED ON THIS MAP THROUGH THE USE OF AN OCEAN POSITIONING SYSTEM (GPS) AND A NUMBER OF COORDINATE INFORMATION SYSTEMS (CIS). THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THE INFORMATION, SERVICES, OR CONTRACTS FOR WHICH THIS IS ENTAILS THE RISK OF THE BUYER AND SELLER.

THE REFORESTRY COMPANY
JOHN M. BOONE
682 W. GREEN ST.
PERRY, FL 32267
(904) 654-2257
08/20/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
PER UNIT DESCRIPTION**

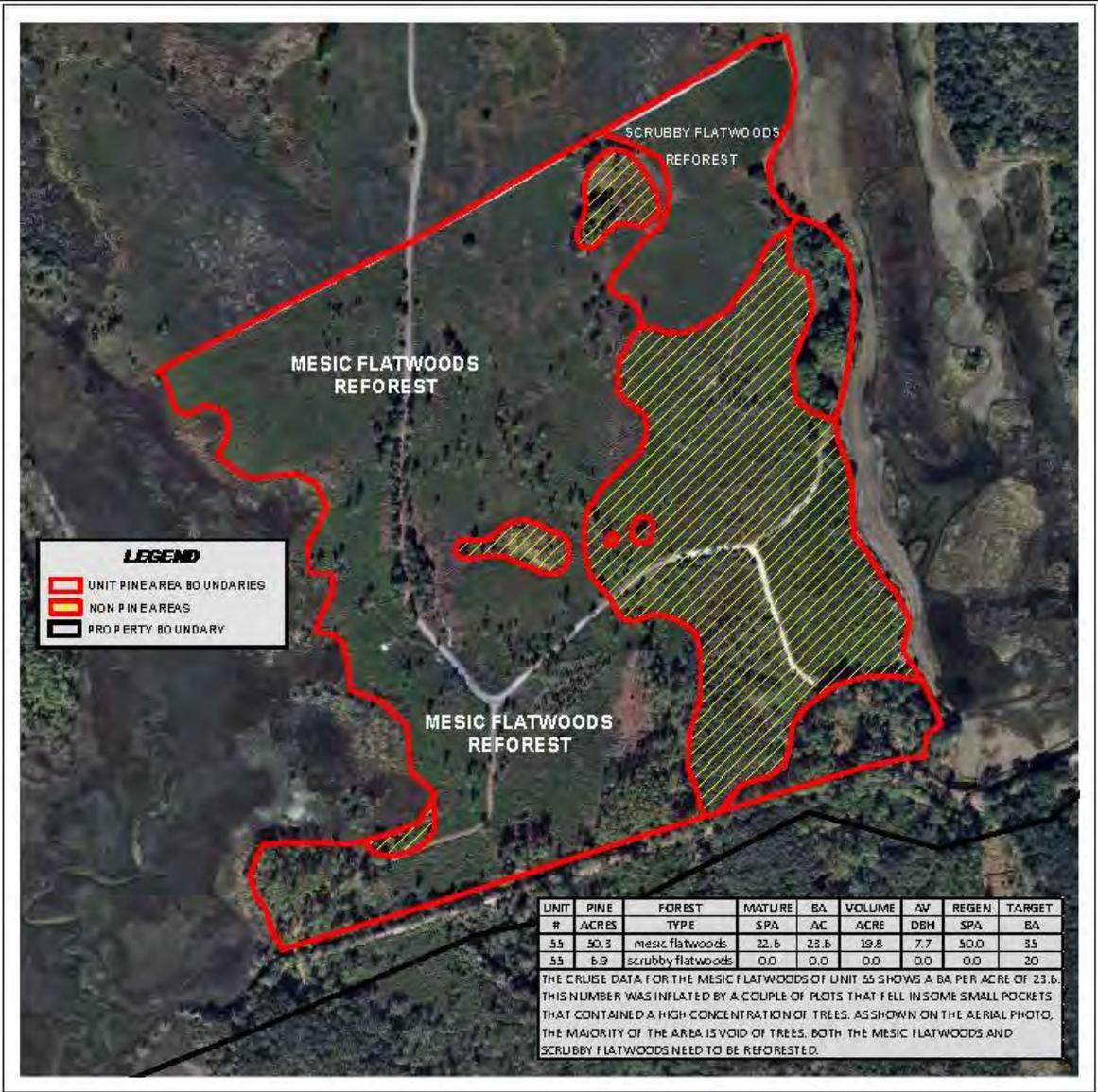
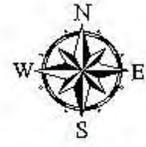


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

NOTE: ACCURACY WILL BE VARYING ON THIS MAP THROUGHOUT THE SIZE OF THE UNIT'S POSITIONING SYSTEMS AND THE
SOURCE OF THE PHOTOGRAPHIC DATA. THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP
AND ANY MEASUREMENTS THEREON SHOULD BE TREATED AS APPROXIMATE. THIS SCALE DOES NOT
NECESSARILY REPRESENT THE ACTUAL DISTANCE BETWEEN POINTS ON THE GROUND.

THE FORESTRY COMPANY
JON M. BOGGS
862 W. UNDER HILL
PERRIN, FL 32567
(904) 884-8887
08/2012

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
PER UNIT DESCRIPTION**



PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

NOTE: ACCURACY WILL BE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A NUMBER OF COORDINATE INFORMATION SYSTEMS (CIS). THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPRODUCTION SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THE INFORMATION, INSTRUCTIONS, SERVICES, OR CONTRACTUAL AGREEMENTS INVOLVED IN THE RISK OF THE BUYER AND SELLER.

THE REFORESTRY COMPANY
JOHN M. BOONE
682 W. GREEN ST.
PERRY, FL 32267
(904) 654-2257
08/20/12

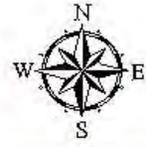
GUANA RIVER - PER UNIT SUMMARY OF PINE AREAS - INVENTORY											
GUANA INVENTORY											
UNIT #	PINE ACRES	FOREST TYPE	MATURE SPA	BA AC	VOLUME ACRE	AV DBH	REGEN SPA	# PLOTS	PLOT #'S	TARGET BA	COMMENTS
6	35.8	scrubby flatwoods	66.2	42.5	23.7	10.8	0.0	4	159-162	20	
18b	30.5	mesic flatwoods	28.6	10.0	6.3	8.0	0.0	2	177-178	35	18 is sale
18c	9.8	scrubby flatwoods	14.6	10.3	8.9	5.4	50.0	2	179-180	20	18 is sale
23	138.8	mesic flatwoods	40.9	26.6	19.4	8.2	60.7	14	163-176	35	
23	33.7	scrubby flatwoods	3.7	2.5	1.7	13.0	37.5	4	250-253	20	
27a	86.0	mesic flatwoods	50.5	28.8	19.7	4.8	183.3	9	181-189	35	27 is sale
27b	7.9	scrubby flatwoods	0.0	0.0	0.0	0.0	0.0	2	248-249	20	27 is sale - 27B IS ALL NO TALLIES (NO DATA)
31	128.3	mesic flatwoods	47.2	28.3	16.3	8.0	34.6	13	190-202	35	
31	23.3	scrubby flatwoods	3.6	3.3	1.8	13.0	0	3	245-247	20	
31	107.6	mesic flatwoods	92.7	43.1	25.3	8.8	10.0	10	203-212	35	
33	30.6	scrubby flatwoods	16.6	13.3	9.1	12.1	0.0	3	242-244	20	
35	110.9	mesic flatwoods	50.8	28.4	17.1	6.0	95.5	11	219-223 & 241	35	
50	28.4	mesic flatwoods	0.0	0.1	0.0	1.0	25.0	6	235-240	35	
52	51.0	mesic flatwoods	0.0	0.0	0.0	0.0	0.0	5	230-234	35	ALL NO TALLIES (NO DATA)
52	1.2	scrubby flatwoods	0.0	0.0	0.0	0.0	0.0	0	0	20	NO PLOTS TAKEN
55	50.3	mesic flatwoods	22.6	23.6	19.8	7.7	50.0	6	225-229 & 255	35	
55	6.9	scrubby flatwoods	0.0	0.0	0.0	0.0	0.0	1	254	20	ALL NO TALLIES (NO DATA)
881.0 TOTAL ACRES			95								

9/19/2012

GUANA RIVER WMA

MAPS

**FFWCC - GUANA RIVER WMA
ST. JOHNS CO., FL
LOCATION MAP
TOTAL ACRES - 9,815 ((MOL))**



PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

NOTE: ACCURACY WILL BE TERMINATED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A LACK OF GEOSPATIAL INFORMATION SYSTEMS DATA. THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THE INFORMATION, DATA, OR CONTRACTUAL AGREEMENTS IS ENTIRELY AT THE RISK OF THE BUYER AND USER.

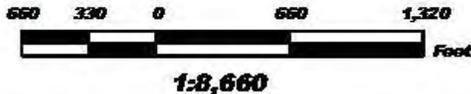
THE FORESTRY COMPANY
JOHN M. BOOUE
602 W. GREEN ST.
PERRY, FL 32547
(904) 634-3237
10/04/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
NORTHERN UNIT**



LEGEND

- UNIT PINE AREA BOUNDARIES
- NON PINE AREAS
- PROPERTY BOUNDARY

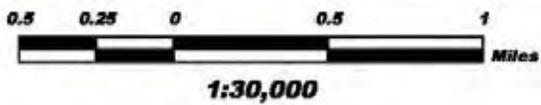


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

NOTE: ACCURACY WILL BE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A RANGE OF COORDINATE INFORMATION SYSTEMS DATA. THIS MAP IS NOT A SURVEY. TO THE EXTENT ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FOR THE RECORD, THE USE OF ANY OF THE INFORMATION, SERVICES, OR CONTRACTUAL AGREEMENTS IS ENTIRELY AT THE RISK OF THE BUYER AND USER.

THE FORESTRY COMPANY
JOHN M. BOONE
682 W. GREEN ST.
PERRY, FL 32347
(904) 654-2257
08/20/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
CENTRAL UNITS**

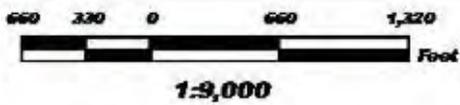


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

NOTE: ACRES ARE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEM (GPS) AND/OR ORTHOPHOTO INFORMATION SYSTEMS (OIS). THIS MAP IS NOT A SURVEY. THEREFORE, ACRES SHOWN ON THIS MAP AND ANY OTHER MAPS REPORT SHOULD BE VIEWED AS APPROXIMATIONS. FURTHERMORE, THE USE OF ANY OF THESE ACRES IN ADVERTISEMENTS, SALES, OR CONTRACTUAL AGREEMENTS IS ENTIRELY AT THE RISK OF THE BUYER AND SELLER.

THE FORESTRY COMPANY
JOHN M. BOGUE
502 W. GREEN ST.
PERRY, FL 32047
(904) 504-0457
09/20/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
SOUTHERN UNITS**

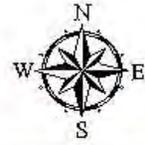


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 ACRALS

NOTE: ACCURACY WILL BE DETERMINED ON THE BASIS OF THE USE OF GLOBAL POSITIONING SYSTEMS AND A
FIELD SURVEY OF THE BOUNDARIES. THE USE OF GPS IS NOT A SUBSTITUTE FOR A PROFESSIONAL SURVEY. THE USER OF THIS
MAP AND ANY INFORMATION DERIVED THEREFROM SHOULD BE ADVISED OF THE LIMITATIONS OF THE DATA AND THE USER OF THIS
MAP AND ANY INFORMATION DERIVED THEREFROM SHALL BE RESPONSIBLE FOR THE RISK OF THE
BORDERING USER.

THE FORESTRY COMPANY
JOHN M. BOGUE
842 W. GREEN ST.
MERRITT, FL 32847
(352) 514-2227
JMB@FPC.COM

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
SECTION, TOWNSHIP, RANGE MAP
MAP DISPLAYED AS - TOWNSHIP, RANGE, SECTION**

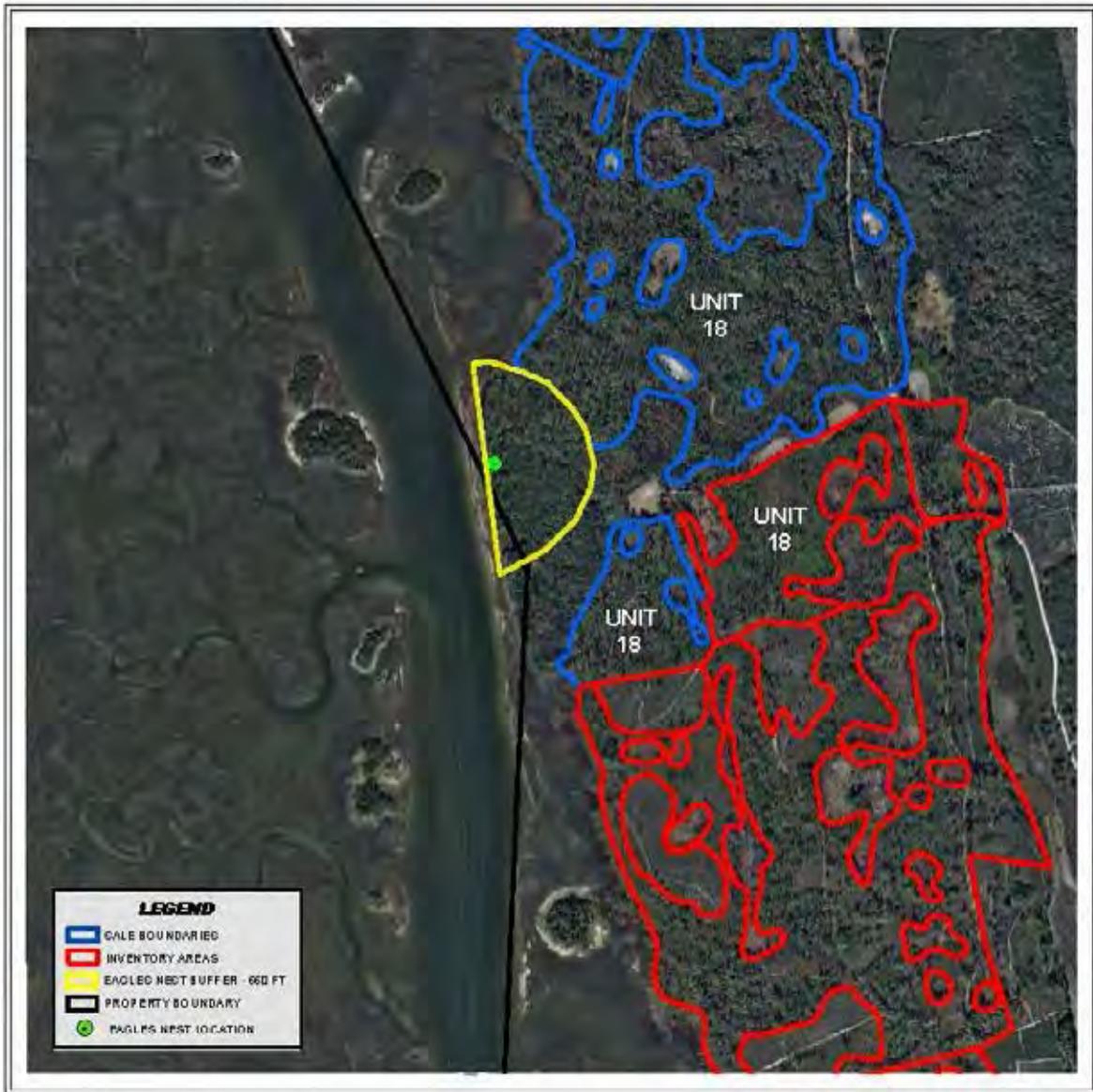


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

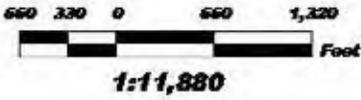
NOTE: ACCURACY WILL BE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS (GPS) AND/OR GEODETIC INFORMATION SYSTEMS (GIS). THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REDUCTION SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THE INFORMATION IN THIS MAP, OR CONTRACTUAL AGREEMENTS INVOLVING THE RISK OF THE BUYER AND SELLER.

THE FORESTRY COMPANY
JOHN M. BOOUE
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PERRY, FL 32547
(850) 834-3237
10/04/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
EAGLES NEST MAP**



LEGEND	
	SCALE BOUNDARIES
	INVENTORY AREAS
	EAGLES NEST BUFFER - 660 FT
	PROPERTY BOUNDARY
	EAGLES NEST LOCATION



PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 ACRB, L5

NOTE: SCALE WAS DETERMINED ON THIS MAP THROUGH THE USE OF LOCAL POSITIONING SYSTEMS (GPS) IN ORDER TO CORRECT FOR DISTORTION. THIS MAP IS NOT TO BE USED FOR CONSTRUCTION, PLANNING, OR OTHER PURPOSES WITHOUT THE ASSISTANCE OF A PROFESSIONAL SURVEYOR. THE USER ASSUMES ALL LIABILITY FOR THE ACCURACY OF THIS INFORMATION AND SHALL BE RESPONSIBLE FOR THE RISK OF THE RESULTS OBTAINED.

THE FORESTRY COMPANY
JOH W.M. BOGUE
812 W. GREEN ST.
PERRY, FL 32267
(904) 304-0057
10/14/12

GUANA RIVER WMA

SOILS

USDA - NATURAL RESOURCES CONSERVATION SERVICE Forestland Productivity - St. Johns County, Florida		
MAP SYMBOL & SOIL NAME	COMMON TREES	50YR SITE INDEX
3 - Myakka, hydric and nonhydric 4 - Myakka dep (no data)	longleaf pine	60
	slash pine	70
11 - Smyrna, hydric and nonhydric	longleaf pine	70
	slash pine	80
14 - Cassia	longleaf pine	60
	slash pine	70
16 - Orsino	longleaf pine	57
	sand live oak	0
	sand pine	57
	slash pine	114
	turkey oak	0

10/4/2012

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
SOIL MAPS**



PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 AERIALS

THE FORESTRY COMPANY
JOHN M. BOGUE
502 W. GREEN ST.
PERRY, FL 32347
(904) 864-8087
1000412

NOTE: ACRES ARE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS (GPS) AND/OR AIRBORNE PHOTOGRAMMETRY. THIS DOES NOT CONSTITUTE A WARRANTY, REPRESENTATION, OR GUARANTEE. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ANY INFORMATION USED IN CONNECTION WITH THIS MAP. THE USE OF ANY OF THESE AERIALS AS FOOTNOTES, SALES, OR CONTRACTUAL AGREEMENTS IS ENTIRELY AT THE RISK OF THE USER AND USER'S AGENT.

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
SOIL MAPS**

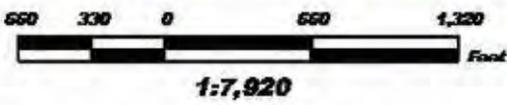
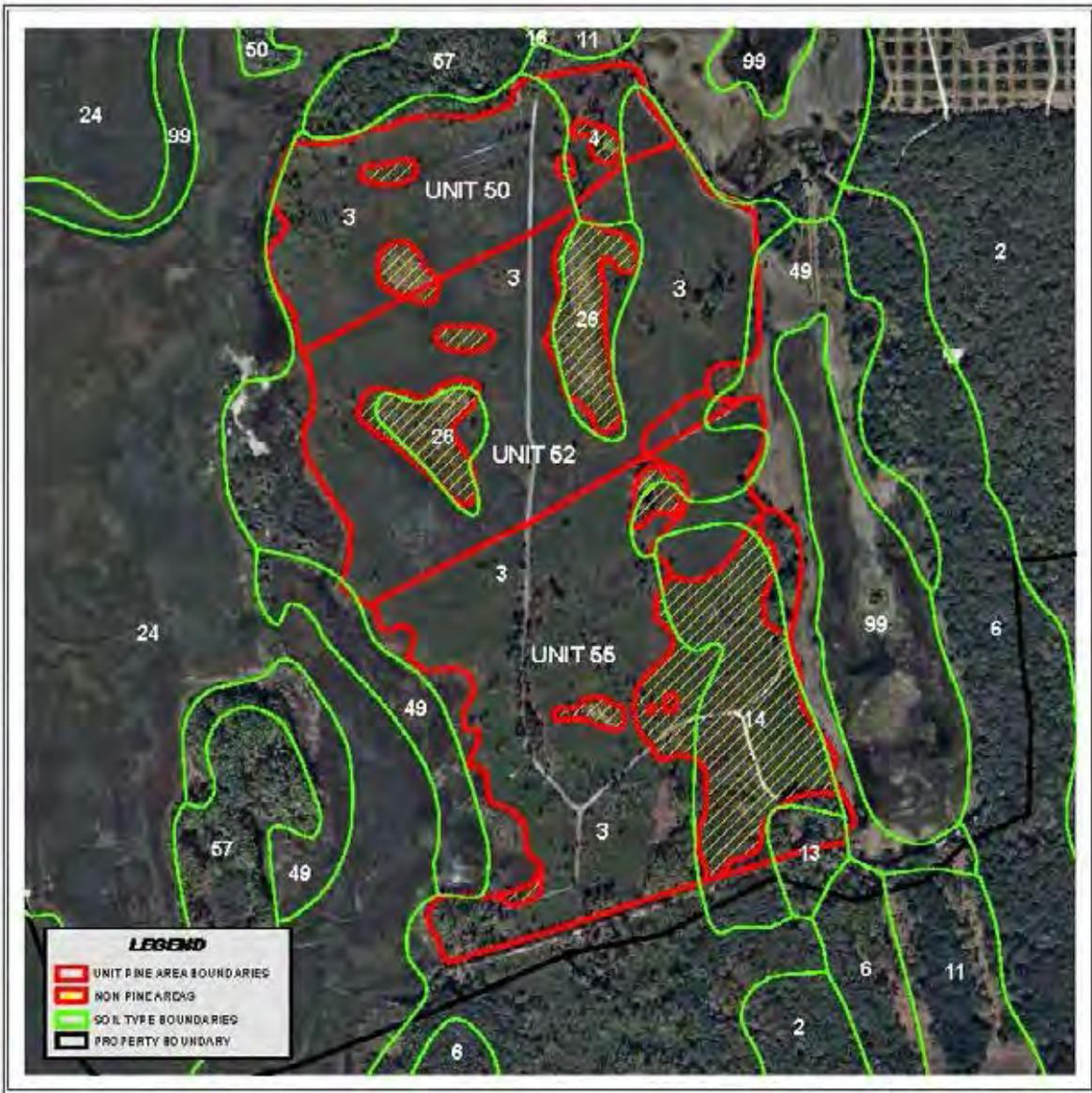


PROJECTION: UTM, NR U 89, ZONE 17N, METERS
2010 AERIALS

NOTE: ACCURACY OF THIS MAP IS LIMITED BY THE QUALITY OF THE DATA AND THE QUALITY OF THE POSITIONING SYSTEMS USED. THE USER OF THIS MAP SHOULD BE AWARE THAT THE DATA IS NOT GUARANTEED TO BE 100% ACCURATE. THE USER OF THIS MAP SHOULD BE AWARE THAT THE DATA IS NOT GUARANTEED TO BE 100% ACCURATE. THE USER OF THIS MAP SHOULD BE AWARE THAT THE DATA IS NOT GUARANTEED TO BE 100% ACCURATE.

THE FORESTRY COMPANY
JOHN M. BOGUE
802 W. GREEN ST.
PENSACOLA, FL 32507
(904) 384-8337
10/04/12

**FFWCC - GUANA RIVER
ST. JOHNS CO., FL
SOIL MAPS**



PROJECTION: UTM, NAD 83, ZONE 17N, METERS
2010 ACR/LC

NOTE: ACCURACY WILL BE DETERMINED ON THE BASIS OF THE SIZE OF THE DATA POINTS AND THE SIZE OF THE AREA BEING MEASURED. SOILS ARE NOT A MAP IN THIS SENSE. THEREFORE, ACCURACY ON THIS MAP IS ONLY AS GOOD AS THE DATA. IT IS THE USER'S RESPONSIBILITY TO VERIFY THE DATA. THIS SOIL MAP IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. IT IS NOT TO BE USED FOR ANY OTHER PURPOSES. THE USER SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES, INCLUDING ATTORNEY'S FEES, ARISING OUT OF THE USE OF THIS SOIL MAP.

THE FORESTRY COMPANY
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862 IVYWOOD BL.
PERRY, FL 32047
(904) 634-0337
4054142

GUANA RIVER WMA

TIMBER SALE

June 25, 2012

Florida Fish and Wildlife Conservation Commission
620 South Meridian Street
Tallahassee, FL 32399

Dear Justin, Deborah and Richard,

Enclosed are the Guana River Pre-harvest cruise reports. Below I've summarized some salient facts.

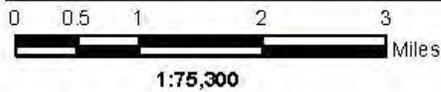
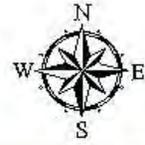
- The sale acreage was separated into two stands, St # 1 – Thinned and St # 2 – Un-thinned, for cruise workup. The thinned stand is a combination of previously thinned acres and the un-thinned stand is a combination of acres that have never been thinned. Both stand volumes were then combined on the executive summary page to show total tons, per acre tons, total value and per acre value.
- Since these sales are operator select, it must be noted that this timber valuation is a rough estimate of tons/value to be harvested. The estimated volume shown in the reports was acquired by removing a percentage of volume, from each product class, based on desired post harvest basal area.

After you review this report, please call me with any questions.

Respectfully yours,

John Bogue – Timber Inventory Manager
(850) 843-1192

FFWCC - GUANA RIVER TIMBER SALE
ST. JOHNS CO., FL
T04S, R29E, SECTIONS 15, 22, 53, 54, 56
T05S, R29E, SECTIONS 2, 11, 12, 13, 37, 38, 50, 67
SELECT THINNING - 753.2 TOTAL ACRES

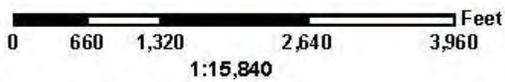
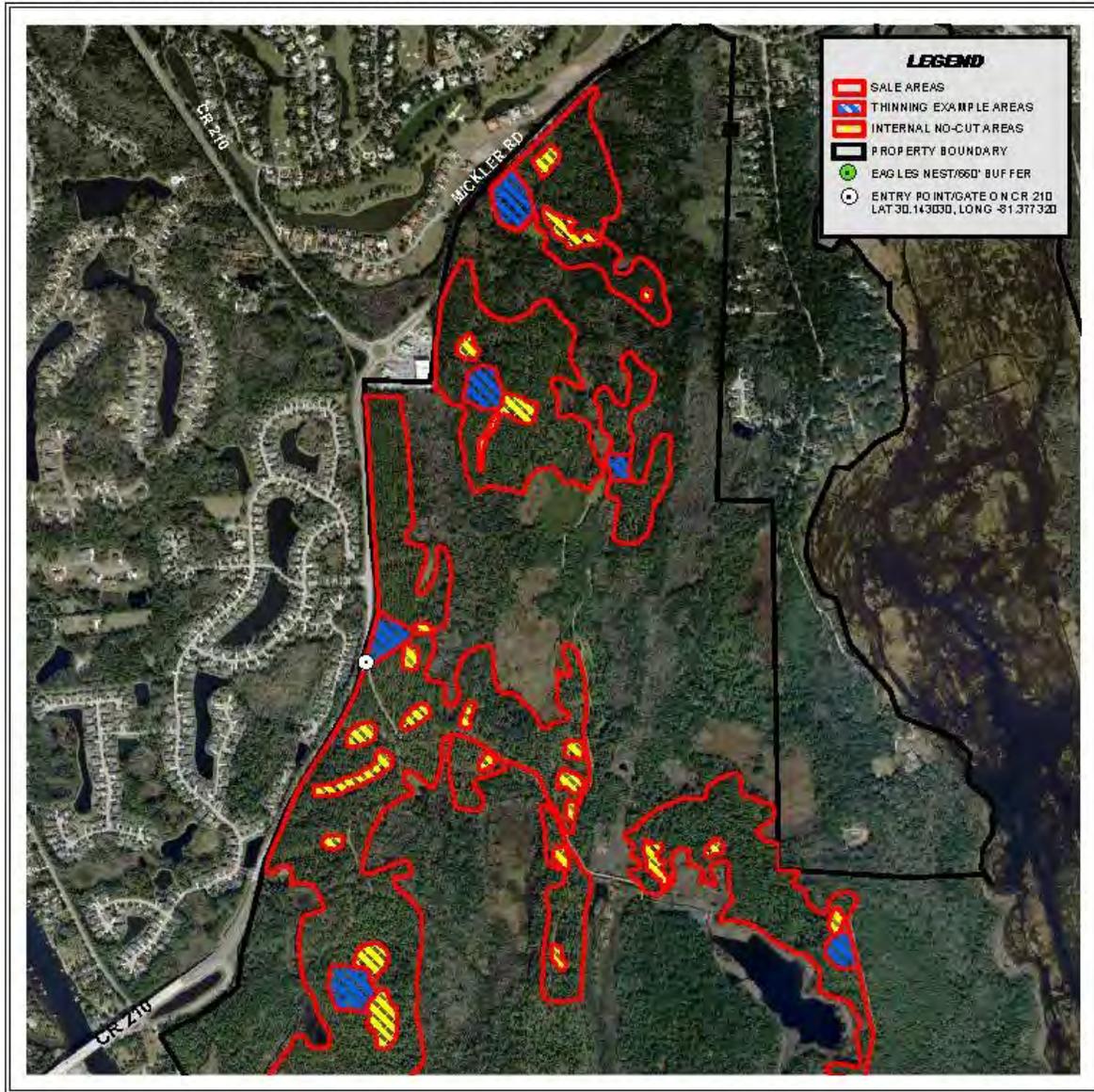
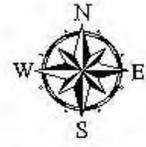


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
 2008 AERIALS

NOTE: ACCURACY WILL BE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A NUMBER OF CORRECTION INFORMATION SYSTEMS (BASE). THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THE INFORMATION, INSTRUCTIONS, DATA, OR CONTRACTUAL AGREEMENTS INVOLVED IN THE RISK OF THE BUYER AND SELLER.

THE FORESTRY COMPANY
 JOHN M. BOGUE
 602 W. GREEN ST.
 PERRY, FL 32047
 (850) 624-2227
 882512

FFWCC - GUANA RIVER TIMBER SALE
ST. JOHNS CO., FL
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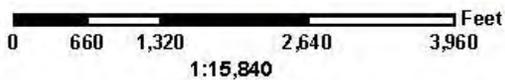
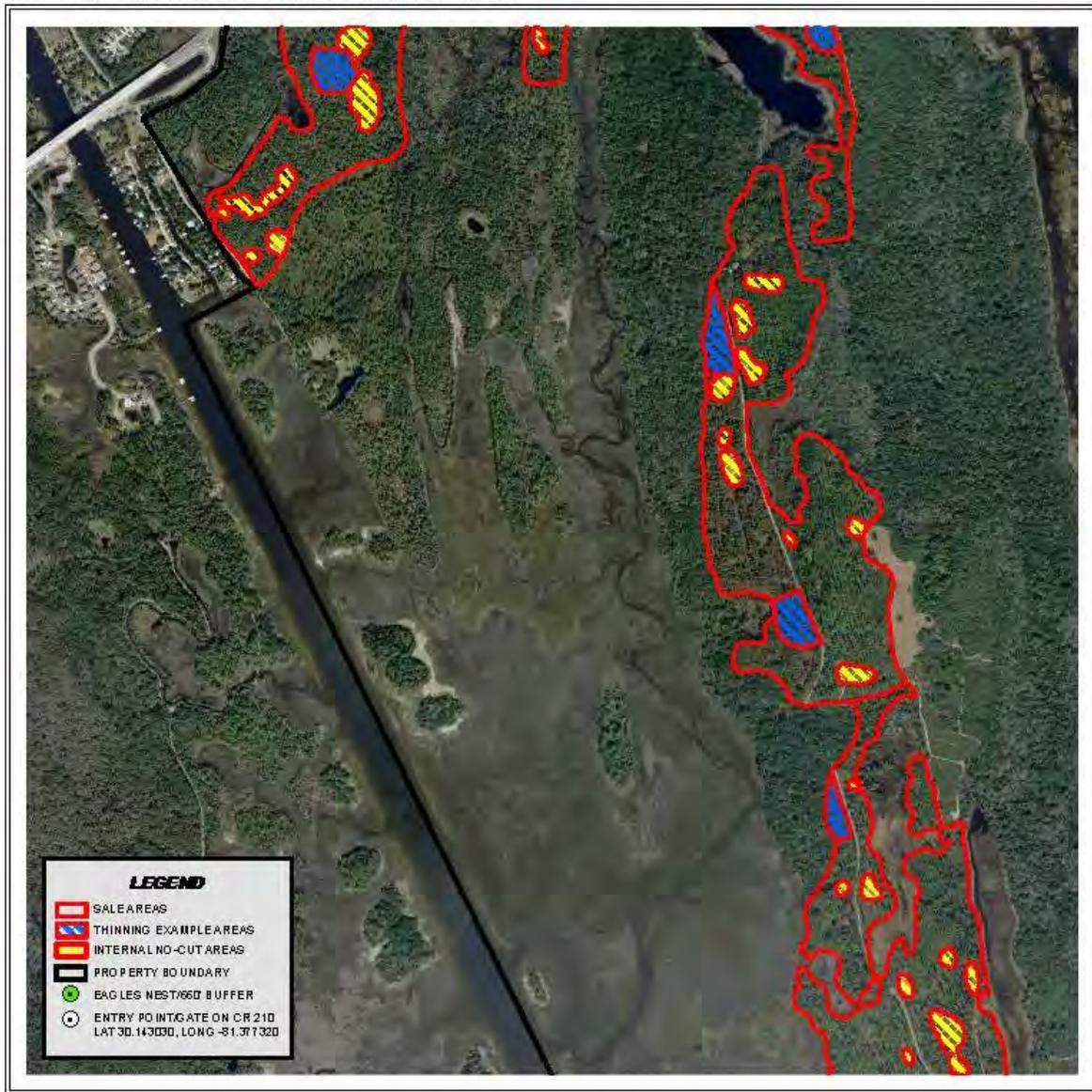
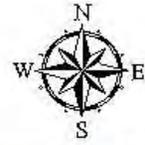


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
 2008 AERIALS

NOTE: ACCURACY WILL BE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A RANGE OF GEOSPATIAL INFORMATION SYSTEMS DATA. THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THE INFORMATION, INSTRUCTIONS, DATA, OR CONTRACTUAL AGREEMENTS IS ENTIRELY AT THE RISK OF THE BUYER AND SELLER.

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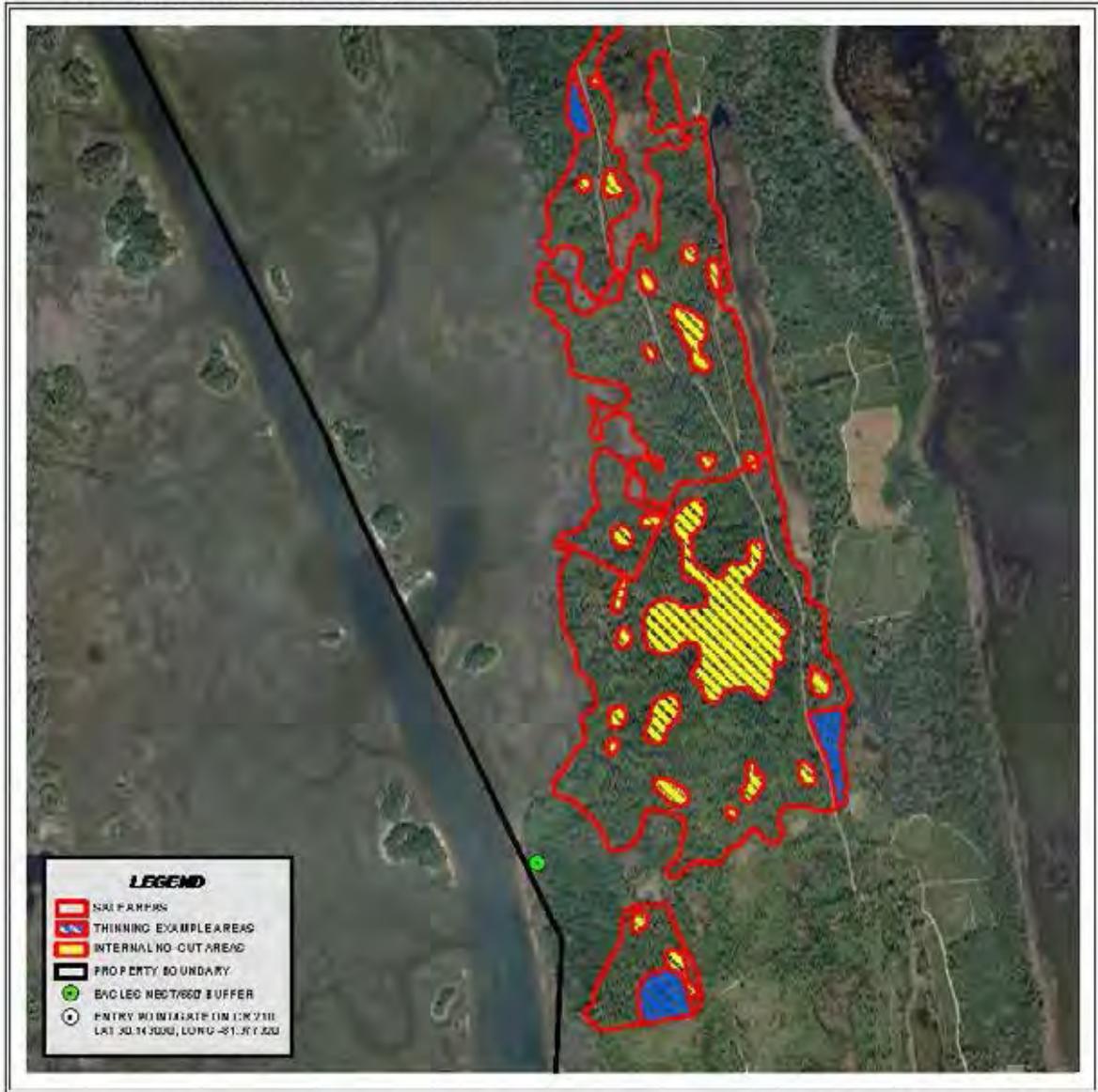


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
 2008 AERIALS

NOTE: ACCURACY WILL BE TERMINATED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A RANGE OF GEOSPATIAL INFORMATION SYSTEMS (GIS). THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THE INFORMATION, INSTRUCTIONS, MAPS, OR CONTRACTUAL AGREEMENTS IN RELATION TO THE RISK OF THE BUYER AND SELLER.

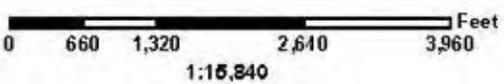
THE FORESTRY COMPANY
 JOHN M. BOGUE
 602 W. GREEN ST.
 PERRY, FL 32047
 (850) 624-2257
 08/25/12

FFWCC - GUANA RIVER TIMBER SALE
ST. JOHNS CO., FL
T04S, R29E, SECTIONS 15, 22, 53, 54, 56
T05S, R29E, SECTIONS 2, 11, 12, 13, 37, 38, 50, 67
SELECT THINNING - 753.2 TOTAL ACRES



LEGEND

- NAI PARAPHS
- THINNING EXAMPLE AREAS
- INTERNAL NO-CUT AREAS
- PROPERTY BOUNDARY
- BAC LEG NBD7650 BUFFER
- ENTRY POINT (111.072111, -81.317220)

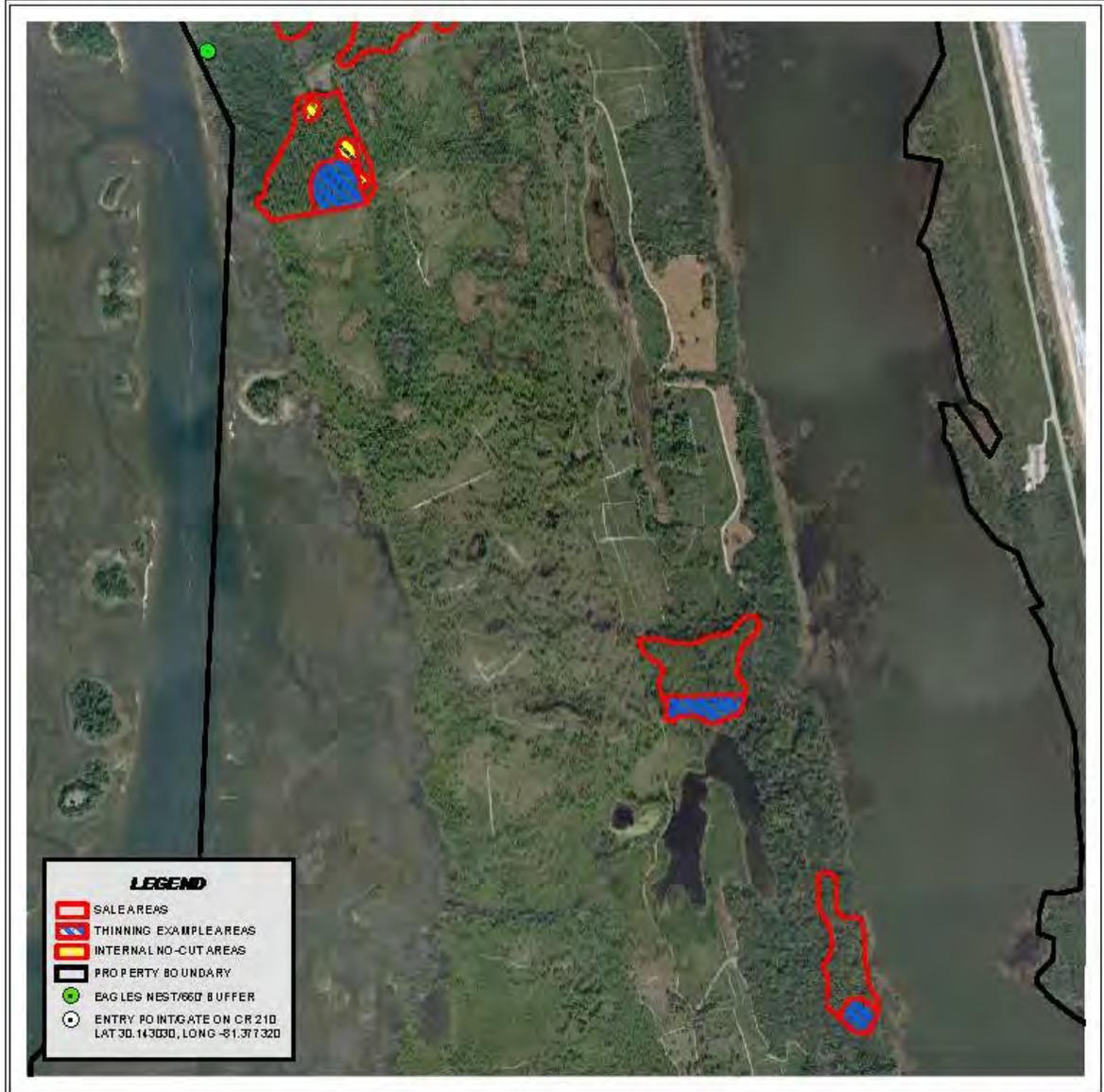
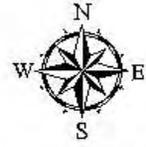


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
 2000 ACRES

NOTE: ACCURACY WILL BE DETERMINED ON THE SPOT THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A FACTOR OF SCOURING IS PROPOSED. DATE IS 11/15/11. THIS IS A NORTH-SOUTH PROPERTY. ACCURACY ON THIS MAP AND ANY DERIVATIVE THEREOF SHOULD BE VIEWED AS AN APPROXIMATION. PLEASE ADVISE THE USER OF ANY OF THE ABOVE INFORMATION, AND A, OR CONTRACTUAL AGREEMENTS IN FORCE, OF THE RISK OF THE SALE AND SELLER.

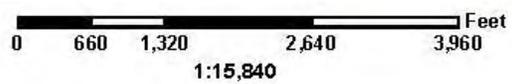
THE FORESTRY COMPANY
 JOHN H. DOOLE
 562 W. GREEN ST.
 PERRY, FL 32267
 (850) 834-2227
 6/25/12

FFWCC - GUANA RIVER TIMBER SALE
ST. JOHNS CO., FL
T04S, R29E, SECTIONS 15, 22, 53, 54, 56
T05S, R29E, SECTIONS 2, 11, 12, 13, 37, 38, 50, 67
SELECT THINNING - 753.2 TOTAL ACRES



LEGEND

- SALE AREAS
- THINNING EXAMPLE AREAS
- INTERNAL NO-CUT AREAS
- PROPERTY BOUNDARY
- BAG LEX NBST/66D BUFFER
- ENTRY POINT/GATE ON CR 210
LAT 30.143030, LONG -81.371320

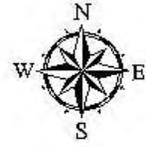


PROJECTION: UTM, NAD 83, ZONE 17N, METERS
 2008 AERIALS

NOTE: ACCURACY WILL BE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS (GPS) AND/OR SURVEYING INFORMATION SYSTEMS (GIS). THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THE SALES LOTS, IN REGULATIONS, SALES, OR CONTRACTUAL AGREEMENTS IS ENTIRELY AT THE RISK OF THE BUYER AND SELLER.

THE FORESTRY COMPANY
 JOHN M. BOGUE
 502 W. GREEN ST.
 PERRY, FL 32347
 (904) 554-5557
 06/25/12

FFWCC - GUANA RIVER TIMBER SALE
ST. JOHNS CO., FL
T04S, R29E, SECTIONS 15, 22, 53, 54, 56
T05S, R29E, SECTIONS 2, 11, 12, 13, 37, 38, 50, 67
SELECT THINNING - 753.2 TOTAL ACRES



LEGEND

- SALE AREAS
- THINNING EXAMPLE AREAS
- INTERNAL NO-CUT AREAS
- PROPERTY BOUNDARY
- EAGLES NEST 660' BUFFER
- ENTRY POINT/GATE ON CR 210
LAT 30.143030, LONG -81.371320

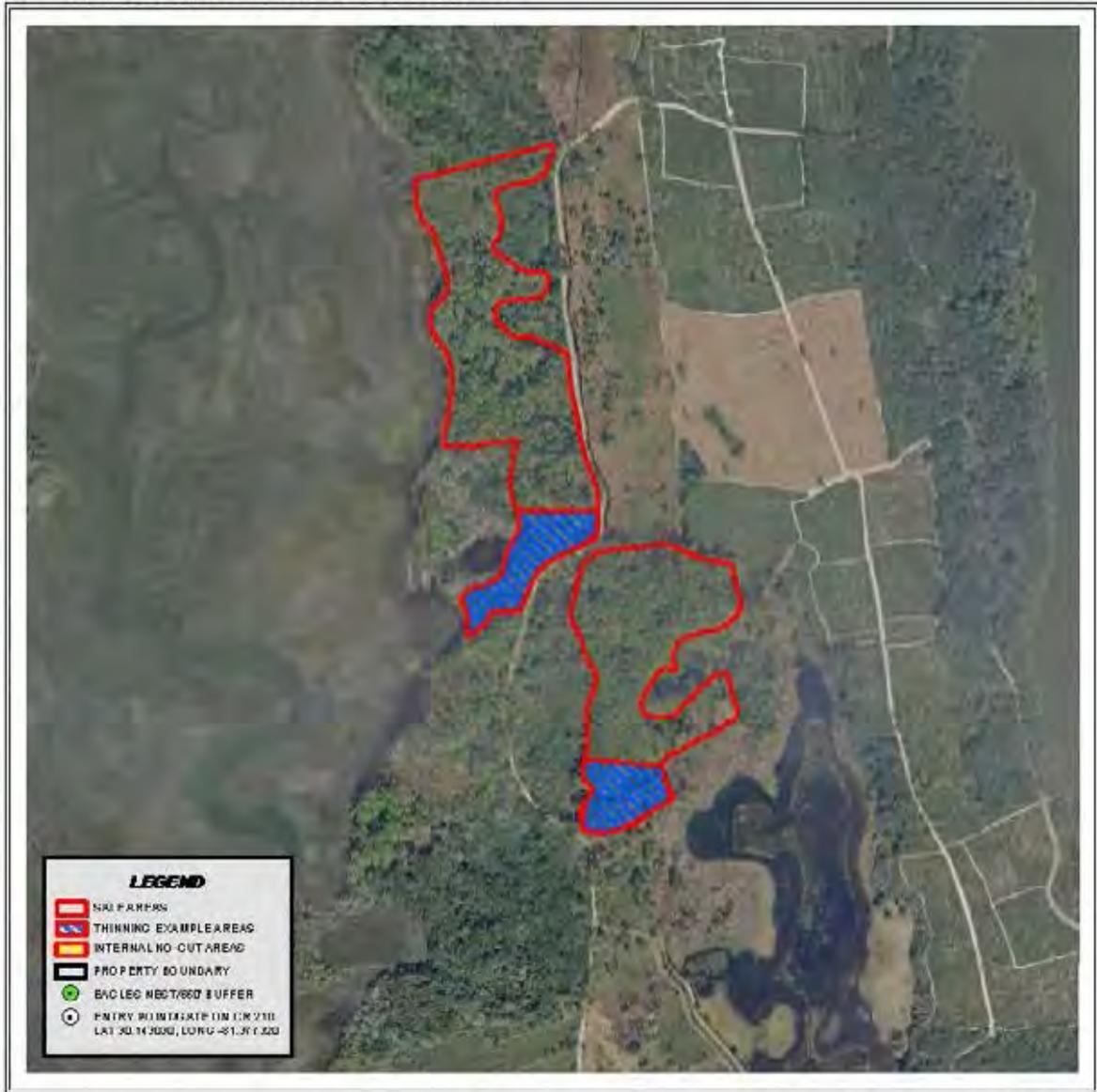
0 660 1,320 2,640 3,960 Feet
 1:24,000

PROJECTION: UTM, NAD 83, ZONE 17N, METERS
 2008 AERIALS

NOTE: ACCURACY WAS DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS (GPS) AND/OR GEOSPATIAL INFORMATION SYSTEMS (GIS). THIS MAP IS NOT A SURVEY. THE EXACT ACRES ON THIS MAP AND ANY SLIGHT VARIATION SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF THESE ACRES IN REGULATIONS, SALES, OR CONTRACTUAL AGREEMENTS IS ENTIRELY AT THE RISK OF THE BUYER AND SELLER.

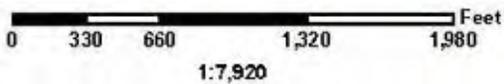
THE FORESTRY COMPANY
 JOHN M. BOGUE
 502 W. GREEN ST.
 PERRY, FL 32347
 (904) 564-8887
 0 6/25/12

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T05S, R29E, SECTIONS 2, 11, 12, 13, 37, 38, 50, 67
SELECT THINNING - 753.2 TOTAL ACRES



LEGEND

- SALE BOUNDARY
- THINNING EXAMPLE AREAS
- INTERNAL NO-CUT AREAS
- PROPERTY BOUNDARY
- BAC LEG NBCT/660 BUFFER
- ENTRY POINT (E.P. 11M (1/4) 210
LAT: 30.142030; LONG: -81.311220)



PROJECTION: UTM, NAD 83, ZONE 17N, METERS
 2000 ACRAWG

NOTE: ACCRES WILL BE THINNED ON THIS MAP THROUGH THE USE OF LOGS! FORTUNING LOGS TO BE THINNED ARE IN THE RED. ACCRES WILL BE THINNED ON THIS MAP THROUGH THE USE OF LOGS! FORTUNING LOGS TO BE THINNED ARE IN THE RED. ACCRES WILL BE THINNED ON THIS MAP THROUGH THE USE OF LOGS! FORTUNING LOGS TO BE THINNED ARE IN THE RED. ACCRES WILL BE THINNED ON THIS MAP THROUGH THE USE OF LOGS! FORTUNING LOGS TO BE THINNED ARE IN THE RED.

THE FORESTRY COMPANY
 JOHN M. BOOSE
 562 W. GREEN ST.
 PERRY, FL 32247
 (850) 834-2227
 602512

FFWCC GUANA TIMBER SALE- MERCH PINE EXECUTIVE SUMMARY

LISTED BELOW IS ESTIMATED VOLUME AND VALUE TO BE REMOVED DURING TIMBER THINNING

ALL MERCHANTABLE STANDS TIMBER VOLUME/TONS

ACRES	TYPE	PRODUCT	PINE TONS AND TONS/AC.	
753.2	MERCH PINE	PW	5,192.3	6.9
		CNS	4,956.6	6.6
		SAW	9,315.3	12.4
		POLES	102.1	0.1
		TOPWOOD	1,984.9	2.6
		TONS TOTAL	21,551.2	28.61

ALL MERCHANTABLE STANDS TIMBER VALUATION

PRODUCT	\$ PER TON	TONS	VALUE/PRODUCT
PINE PULPWOOD	\$14.00	5,192.3	\$72,692.67
PINE CNS	\$18.00	4,956.6	\$89,218.80
PINE SAWTIMBER	\$28.00	9,315.3	\$260,827.32
PINE POLES	\$52.00	102.1	\$5,310.93
PINE TOP WOOD	\$14.00	1,984.9	\$27,788.49
TOTALS		21,551.2	\$455,838.22

PRICE PER ACRE
\$605.20

STATISTICAL ANALYSIS: GUANA SALE MERCHANTABLE TIMBER

150 PLOTS

BASAL AREA PER ACRE

MERCHANTABLE PRODUCTS	C.I. % ERROR	C.V. %
ALL PRODUCT GROUPS - CONFIDENCE INTERVAL AT 90%	7.9	58.5

06/25/12 - The Forestry Co.

GUANA TIMBER SALE
STAND - #1 - THINNED STANDS
 PRE THIN VOLUME AND VALUES

ACRES 690.4

PLOTS 130

TARGET BASIS 30 - 40

Product

PINE PRODUCTS

PULPWOOD

PLANTED SLASH PINE--PMRC-0201TF-2'DOB/Defect

Basal Area **Volume 1**

Sqr Feet *Tons*

3,133.35 2,249.70

CNS-TOTAL

Sqr Feet *Tons*

4,939.02 3,756.80

PINE SAW

Sqr Feet *Tons*

8,337.91 6,857.80

NAT. PINE PRODUCTS

PULPWOOD

Sqr Feet *Tons*

NATURAL SLASH PINE--GRP-79T2P6 R-2'D/Defect

5,416.98 4,275.90

NATURAL LOBLOLLY PINE--GRP-79T2P12 R-2'D/Defect

2,974.03 2,121.40

SAND PINE--GRP-79T2P6 R-2'D/Defect

159.32 114.6

POND PINE--GRP-79T2P6 R-2'D/Defect

1,964.98 1,293.90

CNS-TOTAL

Sqr Feet *Tons*

NATURAL SLASH PINE--GRP-79T2P6 R-6'D/Defect

6,532.25 5,303.60

NATURAL LOBLOLLY PINE--PMRC-0492TF-6'DOB/Defect

1,115.26 771.5

PINE SAW

Sqr Feet *Tons*

NATURAL SLASH PINE--GRP79T2P7 R-8'D/Defect

7,966.15 5,609.90

NATURAL LOBLOLLY PINE--GRP79T8P7 R-6'D/Defect

2,124.31 1,502.20

POND PINE--GRP79T8P7 R-6'D/Defect

53.11 32.1

Stand Total

44,716.68 33,889.40

ALL PINE MERCHANTABLE TIMBER VALUATION

(PRE SALE)

PRODUCT	\$ PER TON	TONS	VALUE/PRODUCT
PINE PULPWOOD	\$14.00	10,055.5	\$140,777.00
PINE CNS	\$18.00	9,831.9	\$176,974.20
PINE SAWTIMBER	\$28.00	14,002.0	\$392,056.00
PINE POLES	\$52.00	0.0	\$0.00
PINE TOP WOOD	\$14.00	3,684.4	\$51,581.60
		37,573.8	\$761,388.80

PRICE PER ACRE PRE THIN

\$1,102.82

PRE THIN TONS PER AC 54.4

CURRENT BASAL AREA PER ACRE

65

46 PERCENT TO BE REMOVED

REMOVAL %	46	% OF TONS TO REMOVE
-----------	----	---------------------

GUANA TIMBER SALE

POST THIN VOLUME AND VALUES

ESTIMATED 46% OF ORIGINAL TONS HARVESTED

ESTIMATED VOLUME REMOVED BY THINNING

HARVEST

PRODUCT	\$ PER TON	TONS	VALUE/PRODUCT
PINE PULPWOOD	\$14.00	4,641.0	\$64,974.00
PINE CNS	\$18.00	4,537.8	\$81,680.40
PINE SAWTIMBER	\$28.00	6,462.5	\$180,948.92
PINE POLES	\$52.00	0.0	\$0.00
PINE TOP WOOD	\$14.00	1,700.5	\$23,806.89
		17,341.8	\$351,410.22

PRICE PER ACRE HARVESTED

\$509.00

TONS PER ACRE HARVESTED

25.1

Topwood Product Group

Volume

CNS TOTAL-TOPWOOD

1,694.90

SAW TOPWOOD

1,989.50

Stand Total

3,684.40

6/25/2012

GUANA TIMBER SALE
STAND - #2 - UNTHINNED STANDS
 PRE THIN VOLUME AND VALUES

ACRES 62.8
PLOTS 20

TARGET BA IS 30 - 40

Product

PINE PRODUCTS

PULPWOOD

PLANTED SLASH PINE-PMRC-0201TF-2'DOBDelect

CNS-TOTAL

PLANTED SLASH PINE-PMRC-0202TF-8'DOBDelect

PINE SAW

PLANTED SLASH PINE-GRP79T8P7 R-8'Delect

LARGE POLES

PLANTED SLASH PINE-GRP79-T22-6'Delect

NAT. PINE PRODUCTS

PULPWOOD

NATURAL LOBLOLLY PINE-GRP-79T28P12 R-2'Delect

CNS-TOTAL

NATURAL LOBLOLLY PINE-PMRC-0402TF-6'DOBDelect

PINE SAW

NATURAL LOBLOLLY PINE-GRP79T8P7 R-8'Delect

Stand Total

Basal Area **Volume 1**

Sqr Feet	Tons
596.60	503.9
785.00	613.4
4,301.80	4,167.10
314.00	153.2
6,594.00	5,887.70

ALL PINE MERCHANTABLE TIMBER VALUATION

(PRE SALE)

PRODUCT	\$ PER TON	TONS	VALUE/PRODUCT
PINE PULPWOOD	\$14.00	827.0	\$11,578.00
PINE CNS	\$18.00	628.2	\$11,307.60
PINE SAWTIMBER	\$28.00	4,279.2	\$119,817.60
PINE POLES	\$52.00	153.2	\$7,966.40
PINE TOP WOOD	\$14.00	426.6	\$5,972.40
		6,314.2	\$156,642.00

PRICE PER ACRE PRE THIN

\$2,494.30

PRE THIN TONS PER AC 100.5

CURRENT BASAL AREA PER ACRE

105

67 PERCENT TO BE REMOVED

REMOVAL %	67	% OF TONS TO REMOVE
-----------	----	---------------------

GUANA TIMBER SALE
 POST THIN VOLUME AND VALUES

ESTIMATED 67% OF ORIGINAL TONS HARVESTED
 ESTIMATED VOLUME REMOVED BY THINNING

HARVEST

PRODUCT	\$ PER TON	TONS	VALUE/PRODUCT
PINE PULPWOOD	\$14.00	551.3	\$7,718.67
PINE CNS	\$18.00	418.8	\$7,538.40
PINE SAWTIMBER	\$28.00	2,852.8	\$79,878.40
PINE POLES	\$52.00	102.1	\$5,310.93
PINE TOP WOOD	\$14.00	284.4	\$3,981.60
		4,209.5	\$104,428.00

PRICE PER ACRE HARVESTED

\$1,662.87

TONS PER ACRE HARVESTED

67.0

Topwood Product Group

CNS TOTAL-TOPWOOD

SAW TOPWOOD

Stand Total

Volume
118.50
308.10
426.60

6/25/2012

Guana ALL TALLY
TFC

Tract: Basal Area Statistics, Per Acre
By Product and Species
5/21/12

Total Sampled Area (acres): 753.1
#Points: 150

Product Group	Lower Limit	Mean	Upper Limit	Standard Error	CI %error	C.V.
PINE PRODUCTS -- 90% CI						
PULPWOOD		----- sq. ft. -----				
PLANTED SLASH PINE	3.18	5.20	7.22	1.22	38.8	286.8
CNS-TOTAL		----- sq. ft. -----				
PLANTED SLASH PINE	5.65	7.87	10.08	1.34	28.2	208.6
PINE SAW		----- sq. ft. -----				
PLANTED SLASH PINE	15.20	19.60	24.00	2.66	22.4	166.0
LARGE POLES		----- sq. ft. -----				
PLANTED SLASH PINE	0.11	0.67	1.22	0.34	83.8	618.5
Overall	26.48	33.33	40.18	4.14	20.6	152.1
NAT. PINE PRODUCTS -- 90% CI						
PULPWOOD		----- sq. ft. -----				
NATURAL SLASH PINE	5.00	6.80	8.60	1.09	26.5	196.0
NATURAL LOBLOLLY PINE	2.61	4.60	6.59	1.20	43.3	320.2
SAND PINE	-0.05	0.20	0.45	0.15	123.0	910.4
POND PINE	1.15	2.47	3.79	0.80	53.4	395.6
CNS-TOTAL		----- sq. ft. -----				
NATURAL SLASH PINE	6.02	8.20	10.38	1.32	26.6	196.8
NATURAL LOBLOLLY PINE	0.69	1.47	2.24	0.47	52.7	390.1
PINE SAW		----- sq. ft. -----				
NATURAL SLASH PINE	7.79	10.00	12.21	1.34	22.1	163.8
NATURAL LOBLOLLY PINE	2.01	3.00	3.99	0.60	32.9	243.5
POND PINE	-0.04	0.07	0.18	0.07	165.5	1,224.7
Overall	31.70	36.80	41.90	3.08	13.9	102.7
All Product Groups	64.6	70.1	75.7	3.3	7.9	58.5

Guana Thinned
TFC

Stand: # Trees, Basal Area, Volume 1 Total
By Product and Species

Stand Number: 1

Area (acres): 690.4

Stand ID: 1

Product Group

Product

Species--Volume Table 1/2

	# Trees	Basal Area	Volume 1
PINE PRODUCTS			
PULPWOOD	#	Sqr Feet	Tons
PLANTED SLASH PINE--PMRC-0201TF-2"DOB/Defect	10,115.6	3,133.35	2,249.7
CNS-TOTAL	#	Sqr Feet	Tons
PLANTED SLASH PINE--PMRC-0202TF-6"DOB/Defect	8,950.6	4,939.02	3,756.8
PINE SAW	#	Sqr Feet	Tons
PLANTED SLASH PINE--GRP79T8P7 R-8"/Defect	8,490.5	8,337.91	6,857.8
Total	27,556.6	16,410.28	12,864.2

NAT. PINE PRODUCTS

PULPWOOD	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-2"/Defect	16,356.4	5,416.98	4,275.9
NATURAL LOBLOLLY PINE--GRP-79T28P12 R-2"/Defect	5,742.7	2,974.03	2,121.4
SAND PINE--GRP-79T2P6 R-2"/Defect	285.2	159.32	114.6
POND PINE--GRP-79T2P6 R-2"/Defect	5,863.8	1,984.98	1,293.9
CNS-TOTAL	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-6"/Defect	11,600.4	6,532.25	5,303.6
NATURAL LOBLOLLY PINE--PMRC-0402TF-6"DOB/Defect	2,080.4	1,115.26	771.5
PINE SAW	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP79T8P7 R-8"/Defect	8,639.0	7,986.15	5,609.9
NATURAL LOBLOLLY PINE--GRP79T8P7 R-8"/Defect	2,149.8	2,124.31	1,502.2
POND PINE--GRP79T8P7 R-8"/Defect	49.7	53.11	32.1
Total	52,567.1	28,306.40	21,025.2
Stand Total	80,123.7	44,716.68	33,889.4

Guana Thinned
TFC

Stand: Topwood Volume, Total
By Product Group

Stand Number: 1
Stand ID: 1

Area (acres): 690

Topwood Product Group	Volume	Volume 2
CNS TOTAL-TOPWOOD	1,684.9 Tons	0.0
SAW TOPWOOD	1,989.5 Tons	0.0
Stand Total	3,684.4 Tons	

Guana Thinned
TFC

Stand: # Trees, Volumes 1 & 2, Total
By DBH, Product and Species

Stand Number: 1
Stand ID: 1

Area (acres): 690.4

Product Group				
Product Species—Volume 1/2 Tables	DBH inches	# Trees	Volume 1	Volume 2
PINE PRODUCTS				
PULPWOOD		#	Tons	Tons
PLANTED SLASH PINE--PMRC-0201TF-2"DOB/Defect				
	5.0	1,557.9	93.6	0.0
	6.0	2,975.2	321.9	0.0
	7.0	1,788.4	311.4	0.0
	8.0	2,586.4	650.0	0.0
	10.0	292.1	130.3	0.0
	11.0	160.9	96.5	0.0
	12.0	338.1	249.0	0.0
	13.0	230.5	186.3	0.0
	14.0	99.4	101.8	0.0
	15.0	86.6	109.0	0.0
QuadMean/Subtotals	7.5	10,115.6	2,249.7	0.0
CNS-TOTAL		#	Tons	Tons
PLANTED SLASH PINE--PMRC-0202TF-6"DOB/Defect				
	9.0	3,005.3	915.7	0.0
	10.0	2,726.4	1,123.4	0.0
	11.0	3,218.9	1,717.7	0.0
QuadMean/Subtotals	10.1	8,950.5	3,756.8	0.0
PINE SAW		#	Tons	Tons
PLANTED SLASH PINE--GRP79T8P7 R-8"/Defect				
	12.0	2,840.0	1,797.9	0.0
	13.0	2,477.5	1,901.3	0.0
	14.0	1,738.8	1,555.6	0.0
	15.0	649.1	672.9	0.0
	16.0	570.5	631.2	0.0
	17.0	67.4	79.6	0.0
	18.0	120.2	173.0	0.0
	19.0	27.0	48.4	0.0
QuadMean/Subtotals	13.4	8,490.5	6,857.8	0.0
Product Group Total	10.4	27,556.6	12,864.2	0.0

Guana Thinned
TFC

Stand: # Trees, Volumes 1 & 2, Total
By DBH, Product and Species

Stand Number: 1
Stand ID: 1

Area (acres): 690.4

Product Group	DBH inches	# Trees	Volume 1	Volume 2
NAT. PINE PRODUCTS				
PULPWOOD				
		#	Tons	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-2"/Defect				
	4.0	1,825.7	68.7	0.0
	5.0	1,557.9	121.7	0.0
	6.0	2,975.2	403.2	0.0
	7.0	3,576.9	692.8	0.0
	8.0	2,588.4	718.8	0.0
	9.0	1,442.5	477.2	0.0
	10.0	681.6	324.4	0.0
	11.0	160.9	105.0	0.0
	12.0	473.3	343.5	0.0
	13.0	576.2	472.8	0.0
	14.0	298.1	298.5	0.0
	15.0	129.8	147.2	0.0
	16.0	38.0	50.3	0.0
	17.0	33.7	51.8	0.0
QuadMean/Subtotals	7.8	16,356.4	4,275.9	0.0
NATURAL LOBLOLLY PINE--GRP-79T28P12 R-2"/Defect				
	4.0	1,217.1	33.4	0.0
	6.0	270.5	35.4	0.0
	7.0	397.4	61.7	0.0
	8.0	152.1	31.5	0.0
	9.0	1,322.3	377.9	0.0
	10.0	681.6	257.3	0.0
	11.0	160.9	75.5	0.0
	12.0	541.0	318.1	0.0
	13.0	480.9	309.5	0.0
	14.0	99.4	78.3	0.0
	15.0	129.8	121.2	0.0
	16.0	114.1	141.6	0.0
	17.0	168.5	234.8	0.0
	19.0	27.0	45.2	0.0
QuadMean/Subtotals	9.7	5,742.7	2,121.4	0.0

Guana Thinned
TFC

Stand: # Trees, Volumes 1 & 2, Total
By DBH, Product and Species

Stand Number: 1
Stand ID: 1

Area (acres): 690.4

Product Group				
Product Species--Volume1/2 Tables	DBH inches	# Trees	Volume 1	Volume 2
NAT. PINE PRODUCTS				
PULPWOOD				
		#	Tons	Tons
SAND PINE--GRP-79T2P6 R-2"/Defect				
	9.0	120.2	38.2	0.0
	10.0	97.4	40.6	0.0
	12.0	67.6	37.8	0.0
QuadMean/Subtotals	10.1	285.2	114.6	0.0
POND PINE--GRP-79T2P6 R-2"/Defect				
	5.0	779.0	44.6	0.0
	6.0	1,622.9	163.6	0.0
	7.0	993.6	154.4	0.0
	8.0	456.4	103.9	0.0
	9.0	480.8	141.1	0.0
	10.0	681.6	250.1	0.0
	11.0	241.4	128.4	0.0
	12.0	270.5	168.7	0.0
	14.0	99.4	95.4	0.0
	16.0	38.0	43.8	0.0
QuadMean/Subtotals	8.0	5,663.6	1,293.9	0.0
CNS-TOTAL				
		#	Tons	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-6"/Defect				
	9.0	2,644.6	850.0	0.0
	10.0	4,771.2	2,094.9	0.0
	11.0	4,184.5	2,358.6	0.0
QuadMean/Subtotals	10.2	11,600.4	5,303.6	0.0
NATURAL LOBLOLLY PINE--PMRC-0402TF-6"DOB/Defect				
	9.0	721.3	199.6	0.0
	10.0	878.3	325.0	0.0
	11.0	482.8	247.0	0.0
QuadMean/Subtotals	9.9	2,080.4	771.5	0.0

Guana Thinned
TFC

Stand: # Trees, Volumes 1 & 2, Total
By DBH, Product and Species

Stand Number: 1
Stand ID: 1

Area (acres): 690.4

Product Group	DBH inches	# Trees	Volume 1	Volume 2
NAT. PINE PRODUCTS				
PINE SAW		#	Tons	Tons
NATURAL SLASH PINE--GRP79T8P7 R-8"/Defect	12.0	3,921.9	2,159.2	0.0
	13.0	2,708.0	1,754.9	0.0
	14.0	993.6	751.6	0.0
	15.0	605.9	533.6	0.0
	16.0	342.3	344.1	0.0
	17.0	67.4	66.5	0.0
QuadMean/Subtotals	13.0	8,639.0	5,609.9	0.0
NATURAL LOBLOLLY PINE--GRP79T8P7 R-8"/Defect	12.0	743.8	370.7	0.0
	13.0	578.2	383.5	0.0
	14.0	496.8	416.1	0.0
	15.0	88.8	88.8	0.0
	16.0	152.1	138.7	0.0
	17.0	67.4	73.1	0.0
	19.0	27.0	33.6	0.0
QuadMean/Subtotals	13.5	2,149.8	1,502.2	0.0
POND PINE--GRP79T8P7 R-8"/Defect	14.0	49.7	32.1	0.0
QuadMean/Subtotals	14.0	49.7	32.1	0.0
Product Group Total	9.9	52,567.1	21,025.2	0.0
Stand Total		80,123.7	33,889.4	
Stand Means	10.1			

Guana Unthinned
TFC

Stand: # Trees, Basal Area, Volume 1 Total
By Product and Species

Stand Number: 2

Area (acres): 62.8

Stand ID: 1

Product Group Product <small>Species--Volume Table 1/2</small>	# Trees	Basal Area	Volume 1
PINE PRODUCTS			
PULPWOOD	#	Sqr Feet	Tons
PLANTED SLASH PINE--PMRC-0201TF-2"DOB/Defect	1,321.5	596.60	503.9
CNS-TOTAL	#	Sqr Feet	Tons
PLANTED SLASH PINE--PMRC-0202TF-6"DOB/Defect	1,400.4	785.00	613.4
PINE SAW	#	Sqr Feet	Tons
PLANTED SLASH PINE--GRP79T8P7 R-8"/Defect	3,627.1	4,301.80	4,167.1
LARGE POLES	#	Sqr Feet	Tons
PLANTED SLASH PINE--GRP79-T22 - 6"/Defect	262.7	314.00	153.2
Total	6,631.6	5,997.40	5,437.6
NAT. PINE PRODUCTS			
PULPWOOD	#	Sqr Feet	Tons
NATURAL LOBLOLLY PINE--GRP-79T28P12 R-2"/Defect	496.5	408.20	323.1
CNS-TOTAL	#	Sqr Feet	Tons
NATURAL LOBLOLLY PINE--PMRC-0402TF-6"DOB/Defect	71.1	31.40	14.8
PINE SAW	#	Sqr Feet	Tons
NATURAL LOBLOLLY PINE--GRP79T8P7 R-8"/Defect	148.9	157.00	112.1
Total	716.5	696.60	450.0
Stand Total	7,348.1	6,594.00	5,887.7

Guana Unthinned
TFC

Stand: Topwood Volume, Total
By Product Group

Stand Number: 2 Area (acres): 63
Stand ID: 1

Topwood Product Group	Volume	Volume 2
CNS TOTAL-TOPWOOD	118.5 Tons	0.0
SAW TOPWOOD	308.1 Tons	0.0
Stand Total	426.6 Tons	

Guana Unthinned
TFC

Stand: # Trees, Volumes 1 & 2, Total
By DBH, Product and Species

Stand Number: 2
Stand ID: 1

Area (acres): 62.8

Product Group				
Product Species—Volume 1/2 Tables	DBH inches	# Trees	Volume 1	Volume 2
PINE PRODUCTS				
PULPWOOD				
		#	Tons	Tons
PLANTED SLASH PINE--PMRC-0201TF-2"DOB/Defect				
	6.0	159.9	24.1	0.0
	7.0	235.0	37.4	0.0
	8.0	719.6	207.1	0.0
	12.0	80.0	61.3	0.0
	14.0	29.4	28.9	0.0
	15.0	51.2	58.4	0.0
	16.0	22.5	29.9	0.0
	21.0	13.1	26.5	0.0
	23.0	10.9	30.3	0.0
QuadMean/Subtotals	9.1	1,321.5	503.9	0.0
CNS-TOTAL				
		#	Tons	Tons
PLANTED SLASH PINE--PMRC-0202TF-6"DOB/Defect				
	9.0	426.5	130.8	0.0
	10.0	403.0	171.3	0.0
	11.0	571.0	311.2	0.0
QuadMean/Subtotals	10.1	1,400.4	613.4	0.0
PINE SAW				
		#	Tons	Tons
PLANTED SLASH PINE--GRP79T8P7 R-8"/Defect				
	12.0	599.7	463.0	0.0
	13.0	681.3	627.7	0.0
	14.0	910.6	935.2	0.0
	15.0	486.2	580.7	0.0
	16.0	337.3	472.7	0.0
	17.0	239.0	363.7	0.0
	18.0	106.6	177.4	0.0
	19.0	127.6	247.1	0.0
	20.0	43.2	70.5	0.0
	21.0	39.2	89.4	0.0
	22.0	23.8	61.9	0.0
	23.0	32.6	77.8	0.0
QuadMean/Subtotals	14.7	3,627.1	4,167.1	0.0

Guana Unthinned
TFC

Stand: # Trees, Volumes 1 & 2, Total
By DBH, Product and Species

Stand Number: 2
Stand ID: 1

Area (acres): 62.8

Product Group	DBH inches	# Trees	Volume 1	Volume 2
PINE PRODUCTS				
LARGE POLES				
		#	Tons	Tons
PLANTED SLASH PINE--GRP79-T22 - 6"/Defect				
	13.0	102.2	45.9	0.0
	14.0	58.7	34.1	0.0
	15.0	76.8	44.7	0.0
	16.0	45.0	28.5	0.0
	QuadMean/Subtotals	14.3	282.7	153.2
Product Group Total	12.9	6,631.6	5,437.6	0.0
NAT. PINE PRODUCTS				
PULPWOOD				
		#	Tons	Tons
NATURAL LOBLOLLY PINE--GRP-79T28P12 R-2"/Defect				
	8.0	90.0	18.2	0.0
	9.0	71.1	20.7	0.0
	12.0	40.0	26.6	0.0
	13.0	136.3	102.5	0.0
	14.0	88.1	77.6	0.0
	15.0	51.2	51.7	0.0
	17.0	19.9	25.8	0.0
	QuadMean/Subtotals	12.3	496.5	323.1
CNS-TOTAL		#	Tons	Tons
NATURAL LOBLOLLY PINE--PMRC-0402TF-8"DOB/Defect				
	9.0	71.1	14.8	0.0
	QuadMean/Subtotals	9.0	71.1	14.8
PINE SAW				
		#	Tons	Tons
NATURAL LOBLOLLY PINE--GRP79T8P7 R-8"/Defect				
	12.0	40.0	22.9	0.0
	13.0	34.1	23.1	0.0
	14.0	29.4	23.3	0.0
	15.0	25.6	19.3	0.0
	17.0	19.9	23.5	0.0
	QuadMean/Subtotals	13.9	148.9	112.1
Product Group Total	12.4	716.5	450.0	0.0

GUANA_UN-THINNED

6/25/2012

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**Guana Unthinned
TFC**

**Stand: # Trees, Volumes 1 & 2, Total
By DBH, Product and Species**

Stand Total		7,348.1	5,887.7
Stand Means	12.8		

THE FORESTRY COMPANY

Job: **FWC - GUANA RIVER TIMBER SALE AND INVENTORY**

Date: 4/25/2012

SPEC FILE: 2012_TFC_DOG_SPEC

Product Specifications

PINE PRODUCTS 01-10		DBH	DBH	Height	Height	Top Diam.	Min. Prdct.
		Min	Max	Measurement	Increment	Cruise	Length (Ft.)
Pulpwood	01	4.0	24.0	TOTAL	1 FOOT	0.0	16' TO 2"
CNS	02	8.6	11.5	TOTAL	1 FOOT	0.0	30' TO 6"
Saw	07	11.6	24.0	MERCH	.5 LOGS	7.0	24' TO 8"
Poles	11	11.6	18.5	MERCH/TOTAL	1 FOOT	6.0	35' TO 6"
HARDWOOD PRODUCTS 21-27		DBH	DBH	Height	Height	Top Diam.	Min. Prdct.
		Min	Max	Measurement	Increment	Cruise	Length (Ft.)
Hard HW Pulp	21	5.6	40.0	MERCH	.5 LOGS	4.0	16' TO 4"
Soft HW Pulp	22	5.6	40.0	MERCH	.5 LOGS	4.0	16' TO 4"
Hard Sawtimber	25	12.6	40.0	MERCH	.5 LOGS	12.0	16' TO 12"
Soft Sawtimber	26	12.6	40.0	MERCH	.5 LOGS	11.0	16' TO 11"
Mixed Hardwood	27	12.6	40.0	MERCH	.5 LOGS	11.0	16' TO 11"
CYPRESS PRODUCTS 80		DBH	DBH	Height	Height	Top Diam.	Min. Prdct.
		Min	Max	Measurement	Increment	Cruise	Length (Ft.)
Mulch	40	5.6	40.0	MERCH	.5 LOGS	4.0	16' TO 4"
Cypress B Grade	41	8.6	12.5	MERCH	1 FOOT	4.0	30' TO 4"
Sawtimber	42	12.6	40.0	MERCH	.5 LOGS	11.0	16' TO 11"

PREMERCH CODES: NAT REGEN

SPECIES	PRIORITY
01, 03, 05	19

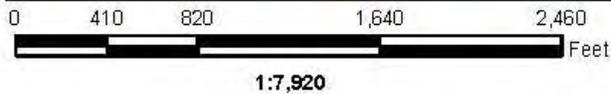
HARDWOOD CODES: HW PW

SPECIES	PRIORITY	
50	21	HARD HARDWOOD
50	22	SOFT HARDWOOD

HARDWOOD CODES: HW SAW

SPECIES	PRIORITY	
50	25	HARD HARDWOOD SAW - OAKS, HICKORIES, ETC.
50	26	SOFT HARDWOOD SAW - GUMS, MAGNOLIA, ETC.
50	27	MIXED HARDWOOD SAW - MAPLE AND ASH

**FFWCC - GUANA RIVER
 TIMBER SALE AND INVENTORY CRUISE
 INVENTORY PLOTS - NESTED 10BAF AND 50TH AC REGEN (16.65)
 SALE PLOTS - 10 BAF MERCH ONLY**

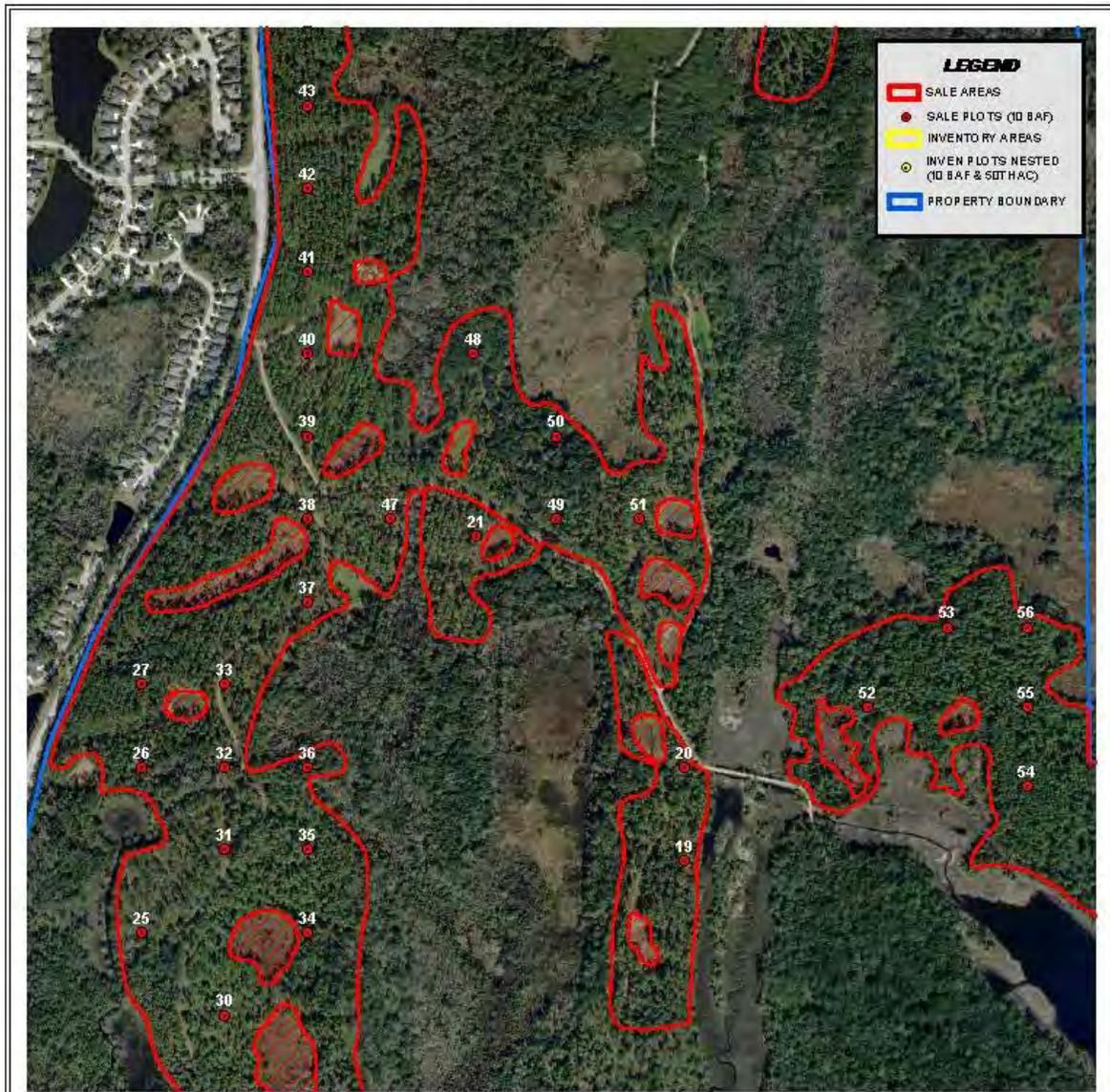
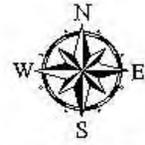


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 SALE PLOTS - 10 BAF MERCH ONLY**



LEGEND

- SALE AREAS
- SALE PLOTS (10 BAF)
- INVENTORY AREAS
- INVEN PLOTS NESTED (10 BAF & 50TH AC)
- PROPERTY BOUNDARY



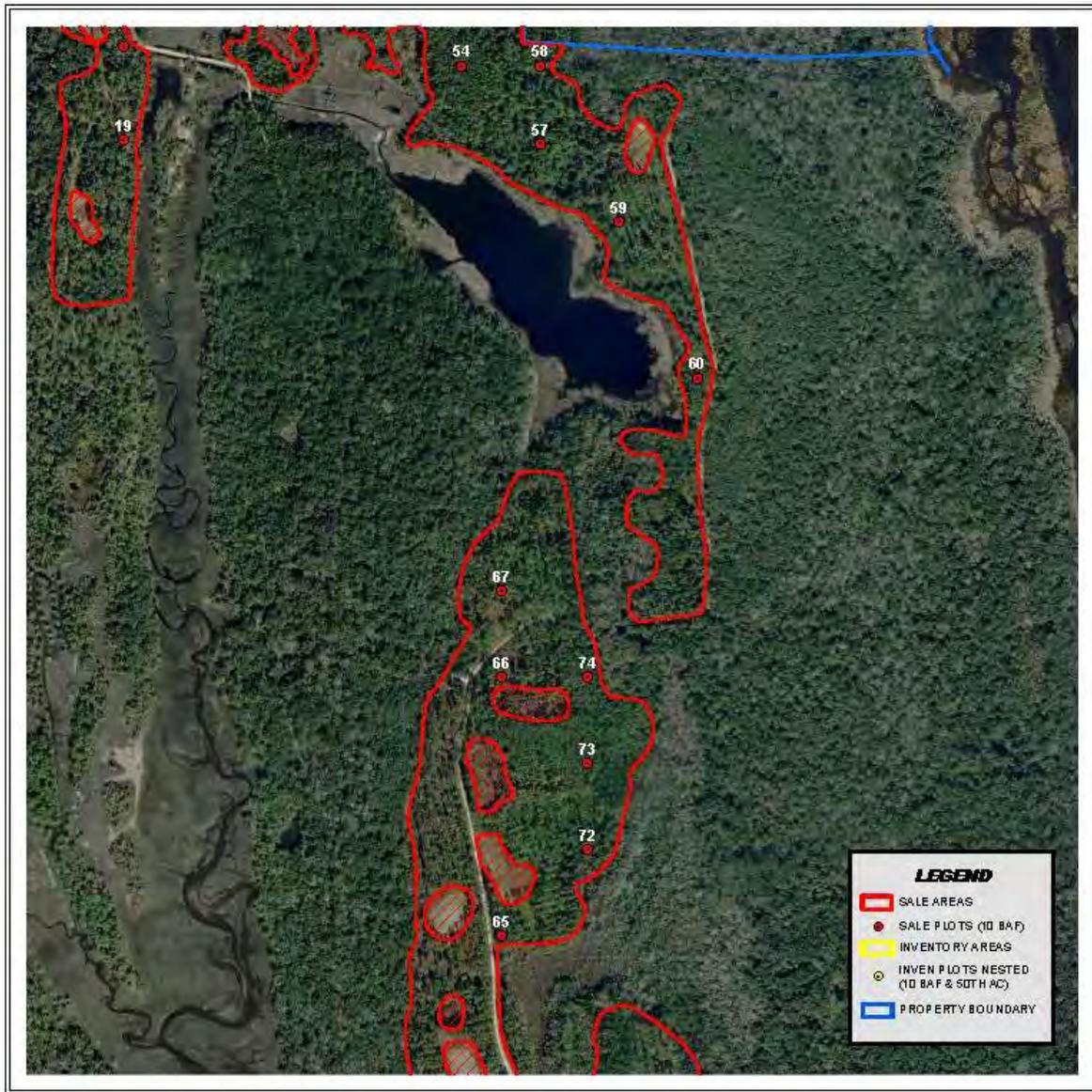
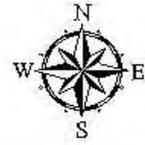
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 TIMBER SALE AND INVENTORY CRUISE
 INVENTORY PLOTS - NESTED 10BAF AND 50TH AC REGEN (16.65)
 SALE PLOTS - 10 BAF MERCH ONLY**



LEGEND

- SALE AREAS
- SALE PLOTS (10 BAF)
- INVENTORY AREAS
- ⊙ INVEN PLOTS NESTED (10 BAF & 50TH AC)
- PROPERTY BOUNDARY



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 TIMBER SALE AND INVENTORY CRUISE
 INVENTORY PLOTS - NESTED 10BAF AND 50TH AC REGEN (16.65)
 SALE PLOTS - 10 BAF MERCH ONLY**



LEGEND

- SALE AREAS
- SALE PLOTS (10 BAF)
- INVENTORY AREAS
- INVEN PLOTS NESTED (10 BAF & 50TH AC)
- PROPERTY BOUNDARY



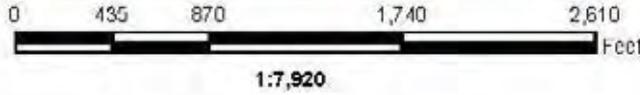
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 SALE PLOTS - 10 BAF MERCH ONLY**

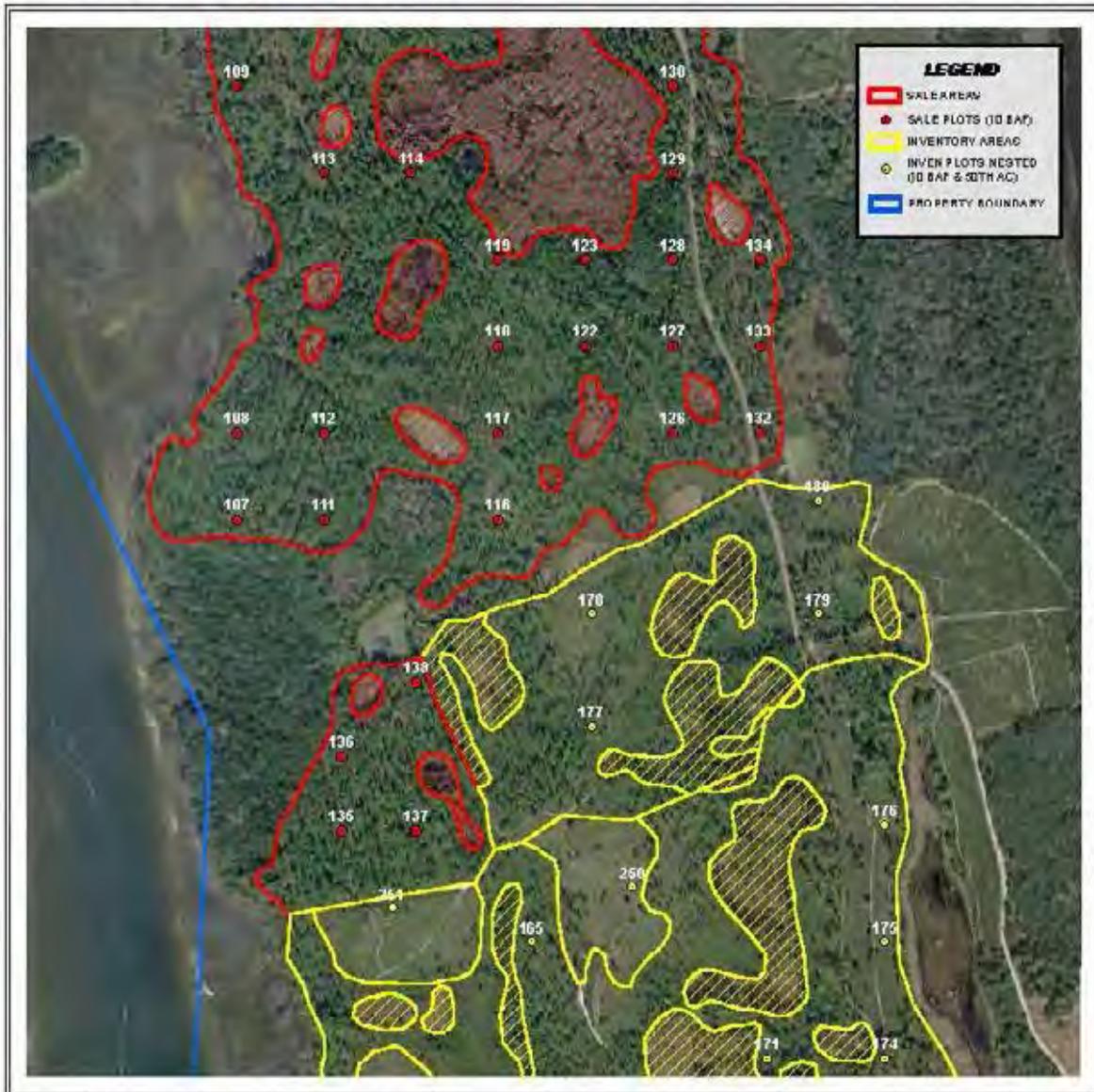


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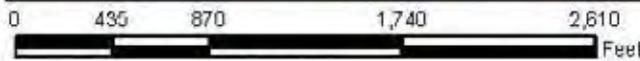
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 822 W. ORCHARD ST.
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 (904) 634-0337
 04/26/12

**FFWCC - GUANA RIVER
 TIMBER SALE AND INVENTORY CRUISE
 INVENTORY PLOTS - NESTED 10BAF AND 50TH AC REGEN (16.65)
 SALE PLOTS - 10 BAF MERCH ONLY**



LEGEND

- SALE AREA
- SALE PLOTS (10 BAF)
- INVENTORY AREA
- INVEN PLOTS NESTED (10 BAF & 50TH AC)
- PROPERTY BOUNDARY



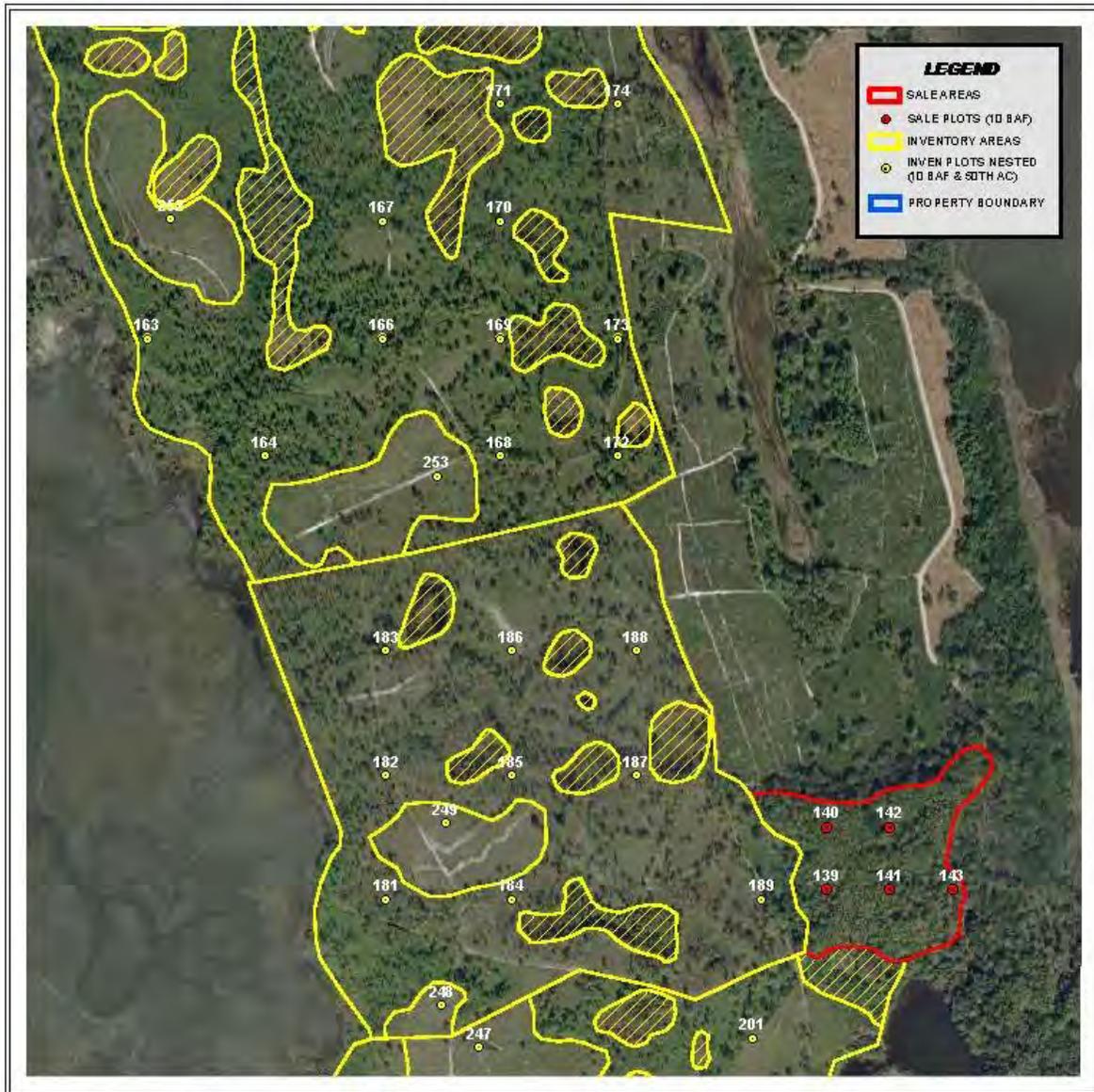
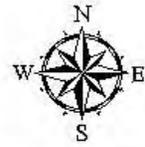
PROJECTION: UTM, NAD83, 1983 HARN, ZONE 17N, METERS
 2008 AERIALS

1:7,920

NOTE: SCREENING WAS OBTAINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS (GPS) AND PHOTO INTERPRETATION. LOCATIONS, DISTANCES, AND DIRECTIONS SHOWN ON THIS MAP ARE APPROXIMATE AND SHOULD BE VIEWED AS AN INDICATION, NOT A GUARANTEE, OF THE ACCURACY OF THE DATA. THE USER OF THIS MAP ASSUMES ALL LIABILITY FOR ANY DAMAGE OR INJURY RESULTING FROM THE USE OF THIS MAP.

THE FORESTRY COMPANY
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 04/20/12

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 INVENTORY PLOTS - NESTED 10BAF AND 50TH AC REGEN (16.65)
 SALE PLOTS - 10 BAF MERCH ONLY**



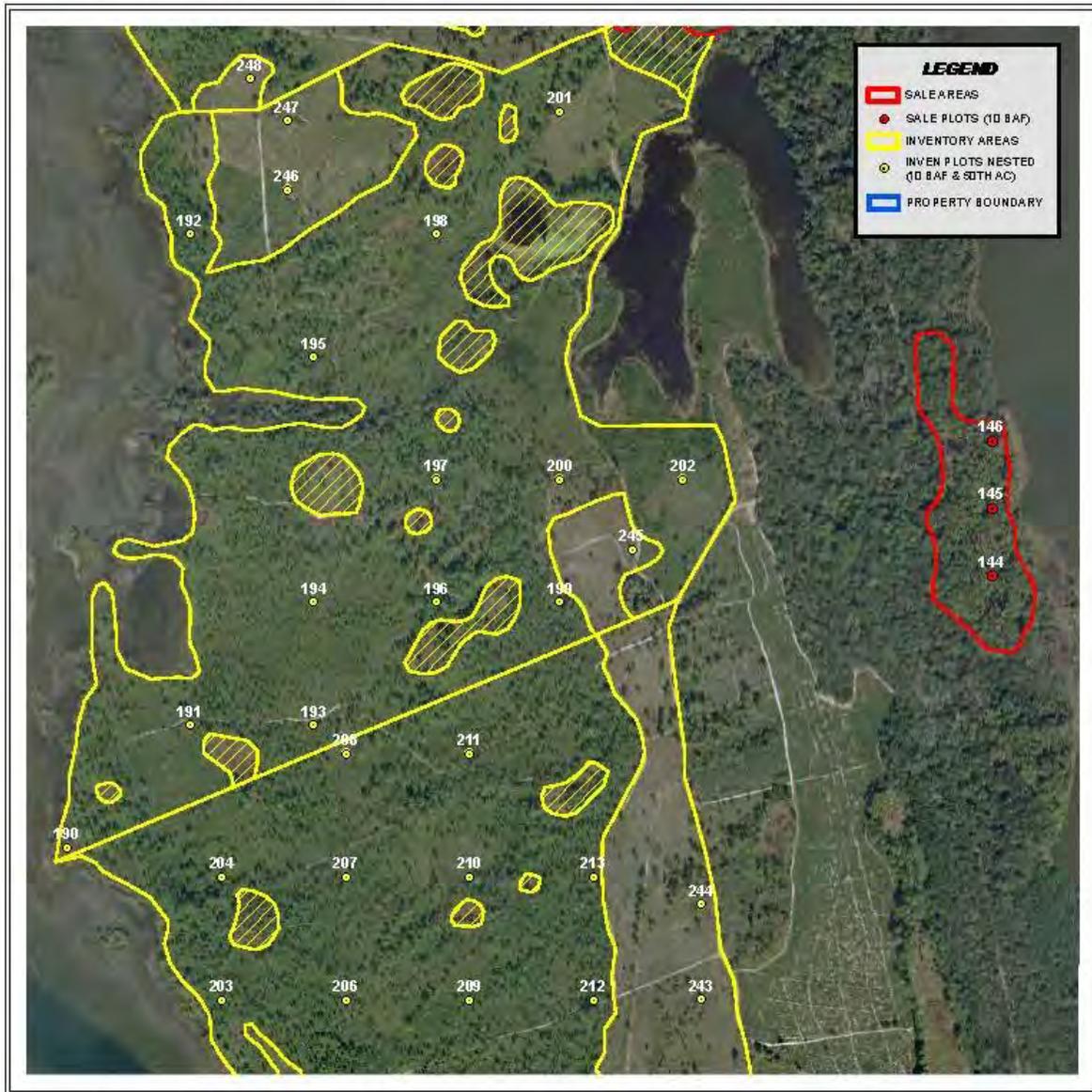
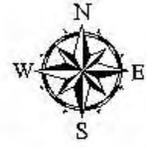
1:7,920

PROJECTION: UTM, NAD83, 1983 HARN, ZONE 17N, METERS
 2008 AERIALS

NOTE: ACCURACY WILL BE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A
 NUMBER OF OBSERVATION SYSTEMS. THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP
 AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FOR THE RECORD, THE USE OF ANY OF
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 MAP AND SELLER.

THE FORESTRY COMPANY
 JOHN M. BOGUE
 502 W. GREEN ST.
 PERRY, FL 32347
 (850) 834-3337
 04/25/12

**FFWCC - GUANA RIVER
 TIMBER SALE AND INVENTORY CRUISE
 INVENTORY PLOTS - NESTED 10BAF AND 50TH AC REGEN (16.65)
 SALE PLOTS - 10 BAF MERCH ONLY**



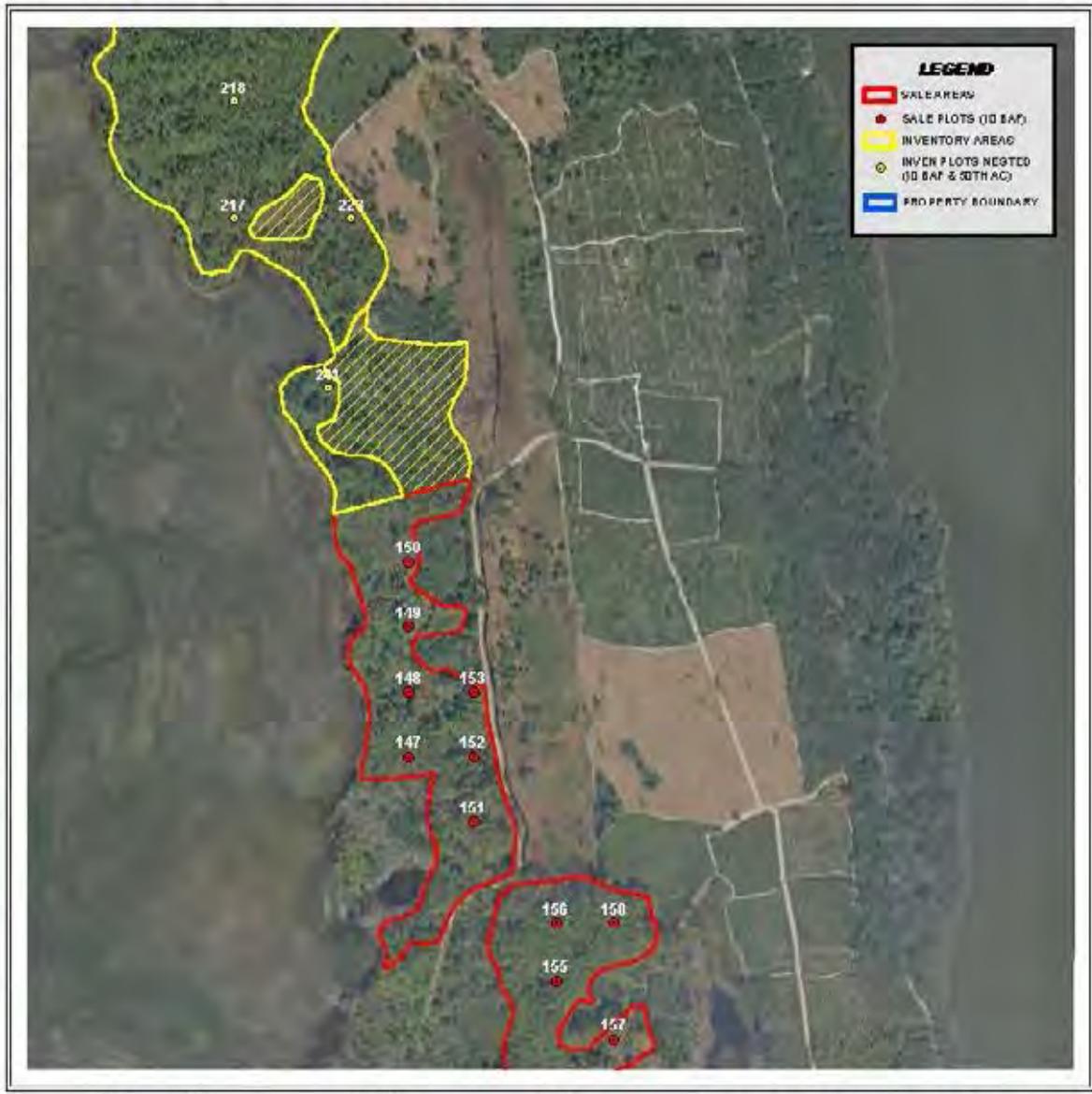
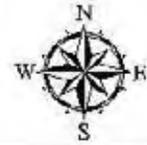
PROJECTION: UTM, NAD83, 1983 HARN, ZONE 17N, METERS
 2008 AERIALS

1:7,920

NOTE: ACCURACY WILL BE DETERMINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A
 NUMBER OF OBSERVATION SYSTEMS. THIS MAP IS NOT A SURVEY. THEREFORE, ACCURACY ON THIS MAP
 AND ANY SUBSEQUENT REPORT SHOULD BE VIEWED AS AN APPROXIMATION. FURTHERMORE, THE USE OF ANY OF
 THE SALES PLOTS, IN INVENTORIES, SALES, OR CONTRACTUAL AGREEMENTS IS ENTIRELY AT THE RISK OF THE
 BUYER AND SELLER.

THE FORESTRY COMPANY
 JOHN M. BOGUE
 502 W. GREEN ST.
 PERRY, FL 32347
 (850) 834-3337
 04/25/12

**FFWCC - GUANA RIVER
 TIMBER SALE AND INVENTORY CRUISE
 INVENTORY PLOTS - NESTED 10BAF AND 50TH AC REGEN (16.65)
 SALE PLOTS - 10 BAF MERCH ONLY**



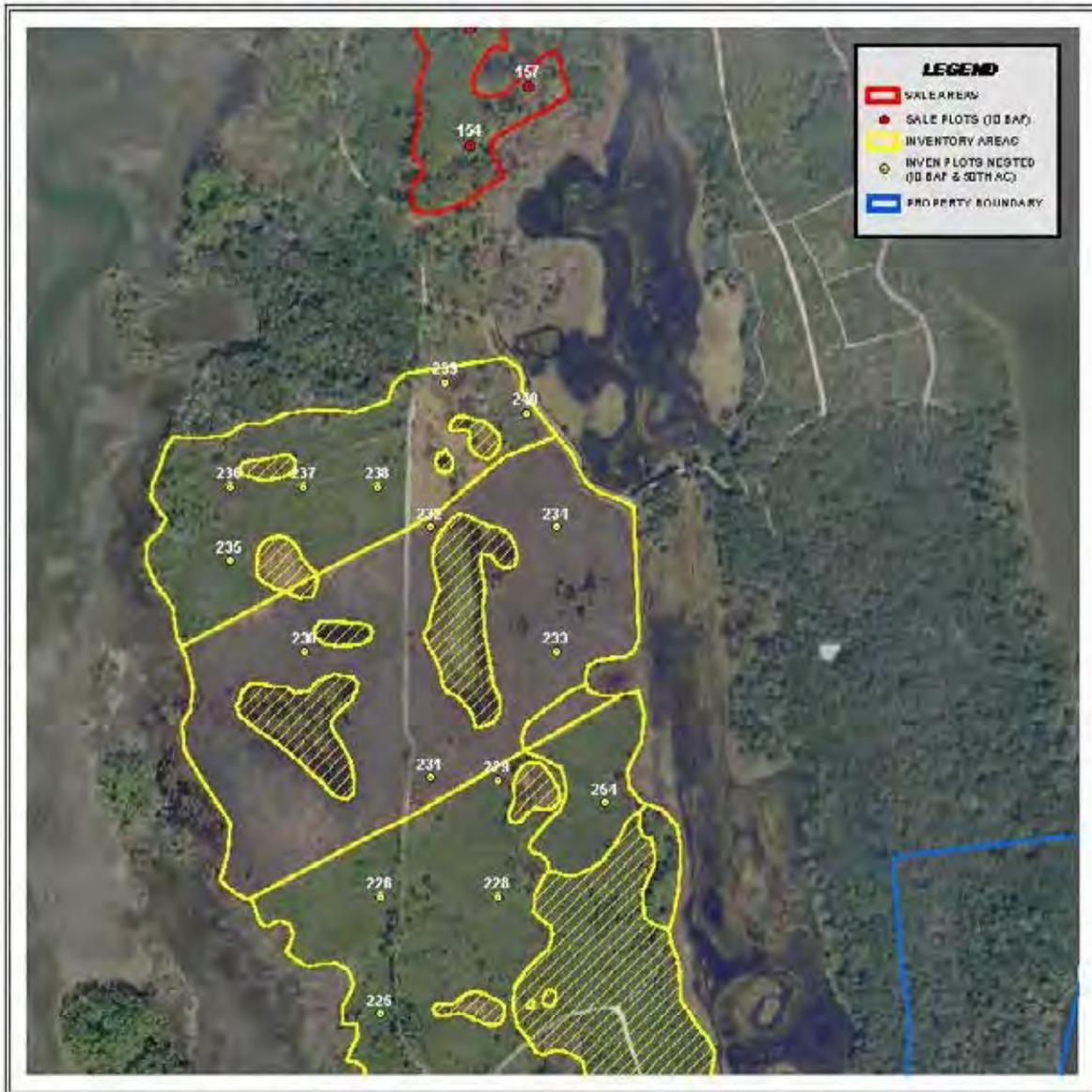
PROJECTION: UTM, NAD83, 1983 HARN, ZONE 17N, METERS
 2008 AERIALS

1:7,920

NOTE: ACCURACY WAS OBTAINED ON THIS MAP THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A
 FACTOR OF SEVERAL FEET. THIS IS NOT A GUARANTEE OF ACCURACY. THE USER SHOULD BE AWARE OF THE
 LIMITATIONS OF THIS DATA AND SHOULD BE ADVISED OF THE LIMITATIONS OF THIS DATA. THE USER
 OF THIS DATA IN ANY MANNER, AND A CONTRACTUAL AGREEMENT SHALL BE THE USER'S SOLE
 RESPONSIBILITY.

THE FORESTRY COMPANY
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 04/22/12

**FFWCC - GUANA RIVER
 TIMBER SALE AND INVENTORY CRUISE
 INVENTORY PLOTS - NESTED 10BAF AND 50TH AC REGEN (16.65)
 SALE PLOTS - 10 BAF MERCH ONLY**



PROJECTION: UTM, NAD83, 1983 HARN, ZONE 17N, METERS
 2008 AERIALS

1:7,920

NOTE: ACCURACY WILL BE DETERMINED ON THE SPOT THROUGH THE USE OF GLOBAL POSITIONING SYSTEMS AND A
 FACTOR OF SCIENTIFIC INFORMATION. LOCATIONS, DATES, TIMES, DIRECTIONS, AND OTHER INFORMATION ON THIS MAP
 AND ANY INFORMATION HEREON SHOULD BE VIEWED AS AN INFORMATIONAL TOOL ONLY. THE USE OF ANY OF
 THE INFORMATION OR INFORMATION HEREON, WITH OR WITHOUT LIABILITY, IS ENTIRELY AT THE RISK OF THE
 USER AND USER.

THE FORESTRY COMPANY
 JOHN H. BOGUE
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 04/20/12

Guana ALL TALLY
TFC

Tree Tally 1
by Point Number
5/21/12

Point Number: 1 Point ID: 1				Stand Number: 1 Stand ID: 1				Method: 1				Origin File: G-SALES-NL.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	11.0	1					87.0						1
2	01	07	12.0	1		20									1
3	01	02	11.0	1					87.0						1
4	01	07	12.0	1		20									1
5	01	07	13.0	1		25									1
6	01	01	9.0	1					57.0						1
7	01	07	12.0	1		20			72.0						1
8	01	02	10.0	1					87.0						1
9	01	07	12.0	1		20			70.0						1
10	01	07	14.0	1		20			72.0						1

Point Number: 2 Point ID: 2				Stand Number: 1 Stand ID: 1				Method: 1				Origin File: G-SALES-NL.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	8.0	1					55.0						2
2	03	07	13.0	1		20			73.0						2
3	01	07	13.0	1		20			69.0						2
4	01	07	12.0	1		20			71.0						2
5	01	07	13.0	1		20			71.0						2
6	01	07	15.0	1		20			74.0						2
7	01	01	6.0	1					50.0						2
8	01	07	12.0	1		25			71.0						2
9	01	01	6.0	1					53.0						2

Point Number: 3 Point ID: 3				Stand Number: 1 Stand ID: 1				Method: 1				Origin File: G-SALES-NL.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	11.0	1					68.0						3
2	01	02	10.0	1					68.0						3
3	01	07	12.0	1		20			70.0						3
4	01	01	6.0	1					58.0						3
5	01	07	12.0	1		20			71.0						3
6	03	07	12.0	1		20			69.0						3
7	01	07	12.0	1		20			72.0						3
8	01	01	12.0	1					70.0						3
9	01	01	6.0	1					46.0						3

Guana ALL TALLY
TFC

Tree Tally 1
by Point Number
5/21/12

Point Number: 4 Point ID: 4			Stand Number: 1 Stand ID: 1				Method: 1			Origin File: G-SALES-NL.mdb					
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	10.0	1					67.0						4
2	03	07	16.0	1		15			72.0						4
3	03	01	11.0	1					64.0						4
4	03	01	17.0	1					73.0						4

Point Number: 5 Point ID: 5			Stand Number: 1 Stand ID: 1				Method: 1			Origin File: G-SALES-NL.mdb					
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	11.0	1					67.0						5
2	01	02	9.0	1					67.0						5
3	01	07	12.0	1		15									5
4	01	07	13.0	1		15									5
5	01	07	12.0	1		20									5
6	01	01	9.0	1					57.0						5
7	01	07	12.0	1		20									5
8	01	07	14.0	1		20			70.0						5
9	01	07	13.0	1		20									5
10	01	01	8.0	1					55.0						5
11	01	01	10.0	1					60.0						5
12	03	07	13.0	1		20			69.0						5
13	01	01	7.0	1					51.0						5

Guana ALL TALLY
TFC

Tree Tally 1
by Point Number
5/21/12

Point Number: 6 Point ID: 6		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: G-SALES-NL.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	10.0	1					68.0						6
2	01	02	9.0	1					65.0						6
3	01	02	9.0	1					69.0						6
4	01	02	11.0	1					70.0						6
5	03	01	10.0	1					67.0						6
6	01	07	12.0	1		20			71.0						6
7	01	02	10.0	1					69.0						6
8	03	02	11.0	1					70.0						6
9	01	01	7.0	1					52.0						6
10	01	02	11.0	1					71.0						6
11	01	02	9.0	1					68.0						6
12	01	01	8.0	1					66.0						6
13	01	01	8.0	1					53.0						6
14	01	01	7.0	1					68.0						6
15	01	07	12.0	1		20			70.0						6

Point Number: 7 Point ID: 7		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: G-SALES-NL.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	18.0	1		20			74.0						7
2	01	07	12.0	1		20			70.0						7
3	01	02	11.0	1					69.0						7
4	01	07	13.0	1		20			72.0						7
5	01	07	13.0	1		20			68.0						7
6	01	07	12.0	1		20			71.0						7

Point Number: 8 Point ID: 8		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: G-SALES-NL.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	14.0	1		20			71.0						8
2	01	02	10.0	1					67.0						8
3	01	02	11.0	1					68.0						8
4	03	07	13.0	1		25									8
5	01	07	12.0	1		20									8
6	01	07	13.0	1		25									8
7	01	07	15.0	1		25									8
10	01	07	14.0	1		20			68.0						8

Guana ALL TALLY
TFC

Tree Tally 1
by Point Number
5/21/12

Point Number: 9		Stand Number: 1		Method: 1		Origin File:									
Point ID: 9		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	10.0	1					66.0						9
2	03	01	16.0	1					72.0						9
3	01	02	10.0	1					70.0						9
4	03	01	15.0	1					69.0						9
5	03	01	17.0	1					74.0						9

Point Number: 10		Stand Number: 1		Method: 1		Origin File:									
Point ID: 10		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	14.0	1		20			70.0						10
2	01	07	13.0	1		20			71.0						10
3	01	07	12.0	1		20			70.0						10
4	01	02	10.0	1					70.0						10
5	01	02	11.0	1					71.0						10
6	01	02	11.0	1					69.0						10
7	01	07	12.0	1		20			69.0						10
8	01	02	11.0	1					70.0						10
9	01	02	11.0	1					68.0						10

Point Number: 11		Stand Number: 1		Method: 1		Origin File:									
Point ID: 11		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	13.0	1		20			69.0						11
2	01	07	13.0	1		20			69.0						11
3	01	07	13.0	1		20			70.0						11
4	03	07	12.0	1		15			72.0						11
5	03	01	16.0	1					72.0						11

Point Number: 12		Stand Number: 1		Method: 1		Origin File:									
Point ID: 12		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	13.0	1					65.0						12
2	03	07	16.0	1		15			72.0						12
3	01	07	15.0	1		20			70.0						12
4	03	07	12.0	1		20			73.0						12
5	01	01	13.0	1					69.0						12

Guana ALL TALLY
TFC

Tree Tally 1
by Point Number
5/21/12

Point Number: 13		Stand Number: 1		Method: 1		Origin File:									
Point ID: 13		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	7.0	1					46.0						13
2	01	07	13.0	1		15			62.0						13
3	03	02	10.0	1					64.0						13
4	03	01	9.0	1					52.0						13
5	03	07	16.0	1		15			65.0						13
6	03	07	17.0	1		15			67.0						13

Point Number: 14		Stand Number: 1		Method: 1		Origin File:									
Point ID: 14		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	07	14.0	1		20			72.0						14
2	01	07	15.0	1		20									14
3	01	07	12.0	1		20			71.0						14
4	01	07	12.0	1		20			73.0						14
5	01	07	13.0	1		20									14
6	01	07	12.0	1		15									14
7	01	02	11.0	1					67.0						14
8	01	07	16.0	1		20			74.0						14

Point Number: 15		Stand Number: 1		Method: 1		Origin File:									
Point ID: 15		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	4.0	1					33.0						15
2	01	02	11.0	1					63.0						15
3	01	07	14.0	1		15			70.0						15
4	01	01	8.0	1					46.0						15
5	01	07	12.0	1		20			71.0						15
6	03	07	12.0	1		20			71.0						15
7	03	01	12.0	1					73.0						15
8	01	02	10.0	1					70.0						15
9	03	07	12.0	1		20			69.0						15
10	01	01	7.0	1					49.0						15

Guana ALL TALLY
TFC

Tree Tally 1
by Point Number
5/21/12

Point Number: 16		Stand Number: 1		Method: 1		Origin File:									
Point ID: 16		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	10	01	14.0	1					69.0						16
2	01	07	13.0	1		20			71.0						16
3	01	07	14.0	1		20									16
4	01	07	12.0	1		15			67.0						16
5	01	07	13.0	1		15									16

Point Number: 17		Stand Number: 1		Method: 1		Origin File:									
Point ID: 17		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	13.0	1		20			71.0						17
2	01	01	8.0	1					67.0						17
3	01	02	11.0	1					69.0						17
4	01	02	10.0	1					70.0						17
5	01	02	9.0	1					68.0						17
6	01	02	10.0	1					69.0						17
7	01	02	9.0	1					68.0						17
8	01	07	14.0	1		15			73.0						17
9	01	02	10.0	1					70.0						17
10	01	02	11.0	1					68.0						17
11	01	02	10.0	1					70.0						17

Point Number: 18		Stand Number: 1		Method: 1		Origin File:									
Point ID: 18		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	12.0	1		20			66.0						18
2	01	02	9.0	1					67.0						18
3	01	02	10.0	1					67.0						18
4	01	02	11.0	1					67.0						18
5	01	01	7.0	1					51.0						18
6	01	02	11.0	1					67.0						18
7	01	02	10.0	1					67.0						18
8	01	01	10.0	1					60.0						18

Guana ALL TALLY
TFC

Tree Tally 1
by Point Number
5/21/12

Point Number: 19		Stand Number: 1		Method: 1		Origin File:									
Point ID: 19		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	13.0	1		20									19
2	02	02	10.0	1					67.0						19
3	02	07	12.0	1		20									19
4	02	07	13.0	1		20									19
5	02	07	12.0	1		20									19
6	02	07	13.0	1		20									19

Point Number: 20		Stand Number: 1		Method: 1		Origin File:									
Point ID: 20		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	18.0	1		15			63.0						20
2	02	02	11.0	1					64.0						20
4	02	01	10.0	1					60.0						20
5	02	07	16.0	1		20			65.0						20
6	02	01	8.0	1					51.0						20

Point Number: 21		Stand Number: 1		Method: 1		Origin File:									
Point ID: 21		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	15.0	1		30			86.0						21
2	02	07	14.0	1		30			85.0						21
3	02	07	15.0	1		25			83.0						21
4	02	02	9.0	1					74.0						21
5	02	02	9.0	1					73.0						21
6	02	07	12.0	1		25			75.0						21
7	02	07	13.0	1		30			79.0						21
8	02	07	13.0	1		25			80.0						21
9	02	02	10.0	1					84.0						21
10	02	02	11.0	1					83.0						21
11	02	02	9.0	1					74.0						21
12	02	07	14.0	1		25			81.0						21
13	02	07	15.0	1		25			84.0						21

Guana ALL TALLY
TFC

Tree Tally 1
by Point Number
5/21/12

Point Number: 22		Stand Number: 1		Method: 1		Origin File:									
Point ID: 22		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	03	07	14.0	1		20									22
2	01	02	11.0	1					67.0						22
3	01	01	10.0	1					60.0						22
4	01	02	9.0	1					67.0						22
5	01	02	9.0	1					67.0						22
6	03	07	16.0	1		20									22

Point Number: 23		Stand Number: 1		Method: 1		Origin File:									
Point ID: 23		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	03	07	12.0	1		15			53.0						23
2	08	01	10.0	1					54.0						23

Point Number: 24		Stand Number: 1		Method: 1		Origin File:									
Point ID: 24		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	10.0	1					55.0						24
2	03	01	12.0	1					59.0						24
3	03	01	10.0	1					55.0						24
4	03	02	9.0	1					61.0						24
5	03	01	9.0	1					52.0						24
6	01	01	14.0	1					66.0						24
7	03	02	10.0	1					64.0						24
8	03	07	14.0	1		20									24
9	03	02	9.0	1					61.0						24
10	03	01	9.0	1					52.0						24
11	03	01	9.0	1					52.0						24
12	03	07	13.0	1		20									24

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Point Number: 25 Stand Number: 1 Method: 1 Origin File:
Point ID: 25 Stand ID: 1 GUA_SALES_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	07	13.0	1		20			60.0						25
2	03	07	15.0	1		15			62.0						25
3	03	01	17.0	1					64.0						25
4	03	07	13.0	1		20			59.0						25
5	03	01	17.0	1					66.0						25
6	03	07	14.0	1		20			65.0						25

Point Number: 26 Stand Number: 1 Method: 1 Origin File:
Point ID: 26 Stand ID: 1 GUA_SALES_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	8.0	1					53.0						26
2	02	07	13.0	1		25									26
3	02	01	12.0	1					69.0						26
4	02	02	11.0	1					68.0						26
5	03	02	10.0	1					64.0						26
6	03	07	13.0	1		20									26

Point Number: 27 Stand Number: 1 Method: 1 Origin File:
Point ID: 27 Stand ID: 1 GUA_SALES_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	02	11.0	1					75.0						27
3	03	02	10.0	1					67.0						27
4	02	01	11.0	1					73.0						27
5	03	02	9.0	1					68.0						27
6	03	02	11.0	1					71.0						27
7	03	02	9.0	1					72.0						27
8	02	07	12.0	1		25			76.0						27

Point Number: 28 Stand Number: 1 Method: 1 Origin File:
Point ID: 28 Stand ID: 1 GUA_SALES_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
2	01	07	12.0	1		15			54.0						28
3	03	01	13.0	1					51.0						28
4	03	07	13.0	1		15			56.0						28
5	03	07	13.0	1		15			53.0						28
6	03	01	15.0	1					54.0						28

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Point Number: 29		Stand Number: 1		Method: 1		Origin File:									
Point ID: 29		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	14.0	1					62.0						29
2	03	02	10.0	1					64.0						29
3	03	02	9.0	1					61.0						29
4	03	02	10.0	1					64.0						29
5	03	01	9.0	1					52.0						29
6	08	01	12.0	1					50.0						29
7	03	01	12.0	1					59.0						29
8	08	01	9.0	1					48.0						29
9	01	01	9.0	1					57.0						29
10	01	01	9.0	1					57.0						29
11	01	07	13.0	1			15								29
12	03	07	12.0	1			15								29

Point Number: 30		Stand Number: 1		Method: 1		Origin File:									
Point ID: 30		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	15.0	1					56.0						30
2	03	01	9.0	1					46.0						30
3	03	01	14.0	1					54.0						30
4	03	01	8.0	1					48.0						30
5	03	02	9.0	1					50.0						30
6	03	01	7.0	1					49.0						30
7	03	01	10.0	1					52.0						30
8	03	01	12.0	1					53.0						30
9	03	01	11.0	1					49.0						30
10	03	02	10.0	1					52.0						30
11	03	01	10.0	1					51.0						30
12	03	01	9.0	1					48.0						30

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Point Number: 31		Stand Number: 1		Method: 1		Origin File:									
Point ID: 31		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	4.0	1					30.0						31
2	03	01	12.0	1					59.0						31
3	03	01	9.0	1					52.0						31
4	03	07	14.0	1		20									31
5	03	01	12.0	1					59.0						31
6	03	01	13.0	1					80.0						31
7	03	07	12.0	1		15									31
8	03	02	11.0	1					87.0						31

Point Number: 32		Stand Number: 1		Method: 1		Origin File:									
Point ID: 32		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	07	14.0	1		20			72.0						32
2	03	07	14.0	1		20			72.0						32
3	02	02	11.0	1					88.0						32
4	03	02	10.0	1					65.0						32

Point Number: 33		Stand Number: 1		Method: 1		Origin File:									
Point ID: 33		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	13.0	1					60.0						33
2	02	07	14.0	1		20									33
3	03	07	17.0	1		20									33
4	02	07	13.0	1		20									33
5	02	07	13.0	1		20									33
6	02	02	10.0	1					67.0						33
7	02	02	11.0	1					88.0						33
8	02	07	14.0	1		25									33

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Point Number: 34		Stand Number: 1		Method: 1		Origin File:									
Point ID: 34		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	02	11.0	1					67.0						34
2	03	07	12.0	1		15									34
3	03	07	14.0	1		15									34
4	03	02	11.0	1					67.0						34
5	03	01	9.0	1					52.0						34
6	03	07	12.0	1		15									34
7	03	01	17.0	1					65.0						34
8	03	01	12.0	1					59.0						34
9	03	01	16.0	1					64.0						34

Point Number: 35		Stand Number: 1		Method: 1		Origin File:									
Point ID: 35		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	13.0	1					58.0						35
2	03	01	10.0	1					54.0						35
3	03	01	9.0	1					53.0						35
4	03	01	10.0	1					53.0						35
5	03	01	12.0	1					53.0						35
6	03	01	13.0	1					60.0						35
7	03	01	9.0	1					81.0						35
8	03	01	13.0	1					62.0						35
9	03	01	4.0	1					27.0						35
10	03	01	13.0	1					57.0						35

Point Number: 36		Stand Number: 1		Method: 1		Origin File:									
Point ID: 36		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	07	19.0	1		15									36
3	02	07	12.0	1		20									36
4	02	07	13.0	1		20									36
7	03	02	10.0	1					64.0						36
8	03	07	13.0	1		20									36
9	02	07	14.0	1		20									36
10	03	02	11.0	1					67.0						36

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Point Number: 37		Stand Number: 1		Method: 1		Origin File:									
Point ID: 37		Stand ID: 1										GUA_SALES_CM.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	8.0	1					41.0						37
2	02	02	10.0	1					67.0						37
3	02	07	14.0	1		30									37
4	02	02	9.0	1					66.0						37
5	02	07	14.0	1		25									37
6	03	07	14.0	1		30									37
7	02	07	12.0	1		30									37
8	02	07	13.0	1		30									37
9	02	07	12.0	1		25									37
10	03	07	15.0	1		30									37
11	03	07	14.0	1		30									37

Point Number: 38		Stand Number: 1		Method: 1		Origin File:									
Point ID: 38		Stand ID: 1										GUA_SALES_CM.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	12.0	1		15			85.0						38
2	02	01	12.0	1					79.0						38
3	02	01	15.0	1					81.0						38
4	02	07	14.0	1		25			79.0						38
5	02	07	13.0	1		30			79.0						38
6	02	07	12.0	1		30			83.0						38
7	02	07	13.0	1		30			84.0						38
8	02	02	11.0	1					80.0						38

Point Number: 47		Stand Number: 1		Method: 1		Origin File:									
Point ID: 47		Stand ID: 1										GUA_SALES_CM.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	02	9.0	1					66.0						47
2	02	02	10.0	1					67.0						47
3	02	07	12.0	1		30									47
4	02	07	12.0	1		30									47
5	02	07	12.0	1		30									47
6	02	02	11.0	1					68.0						47
7	02	02	10.0	1					67.0						47
8	02	01	12.0	1					69.0						47
9	02	02	11.0	1					68.0						47

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Point Number: 48		Stand Number: 1		Method: 1		Origin File:									
Point ID: 48		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	N	0	0.0	0					47.0						48

Point Number: 49		Stand Number: 1		Method: 1		Origin File:									
Point ID: 49		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
2	02	01	13.0	1					71.0						49
3	02	07	12.0	1			30								49
4	03	01	19.0	1					66.0						49
6	02	07	13.0	1			25								49
7	02	07	13.0	1			25								49

Point Number: 50		Stand Number: 1		Method: 1		Origin File:									
Point ID: 50		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	N	0	0.0	0					38.0						50

Point Number: 51		Stand Number: 1		Method: 1		Origin File:									
Point ID: 51		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	13.0	1			30		83.0						51
2	02	07	13.0	1			25		78.0						51
3	02	07	13.0	1			30		85.0						51
4	02	02	9.0	1					65.0						51

Point Number: 52		Stand Number: 1		Method: 1		Origin File:									
Point ID: 52		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	10.0	1					67.0						52
2	01	07	13.0	1			15		62.0						52
3	10	01	10.0	1					50.0						52
4	01	01	15.0	1					62.0						52
5	01	01	13.0	1					61.0						52

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Point Number: 53 Point ID: 53		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: G-SALES-NL.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	07	12.0	1		15			66.0						53
2	10	01	11.0	1					70.0						53
3	01	02	10.0	1					68.0						53
4	01	07	12.0	1		15			66.0						53
5	01	07	12.0	1		15			67.0						53
6	01	01	8.0	1					49.0						53
7	01	07	15.0	1		15			70.0						53
8	01	02	10.0	1					64.0						53
9	01	07	13.0	1		20			73.0						53
10	01	07	15.0	1		20			72.0						53

Point Number: 54 Point ID: 54		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: G-SALES-NL.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	7.0	1					51.0						54
2	01	01	4.0	1					35.0						54
3	01	07	12.0	1		20			64.0						54
4	01	02	9.0	1					67.0						54
5	10	01	5.0	1					30.0						54
6	01	01	8.0	1					55.0						54
7	01	01	8.0	1					55.0						54
8	10	01	12.0	1		63			55.0						54
9	01	01	7.0	1					51.0						54

Point Number: 55 Point ID: 55		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: G-SALES-NL.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	15.0	1		20			69.0						55
2	01	01	7.0	1					50.0						55
3	01	01	7.0	1					50.0						55
4	01	07	15.0	1		15			70.0						55
5	10	01	10.0	1					61.0						55
6	10	01	9.0	1					52.0						55
7	01	07	18.0	1		15			68.0						55
8	01	01	4.0	1					30.0						55

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Point Number: 56		Stand Number: 1		Method: 1		Origin File:									
Point ID: 56		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	5.0	1					42.0						56
2	01	07	12.0	1		20			69.0						56
3	01	02	11.0	1					87.0						56
4	01	07	13.0	1		20			72.0						56
5	01	02	10.0	1					67.0						56
6	01	07	14.0	1		20			70.0						56
7	01	02	10.0	1					67.0						56
8	01	02	9.0	1					87.0						56
9	01	02	10.0	1					67.0						56

Point Number: 57		Stand Number: 1		Method: 1		Origin File:									
Point ID: 57		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	13.0	1					65.0						57
2	01	01	12.0	1					83.0						57

Point Number: 58		Stand Number: 1		Method: 1		Origin File:									
Point ID: 58		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	10	01	10.0	1					39.0						58
2	10	01	11.0	1					48.0						58
3	10	01	9.0	1					48.0						58
4	10	01	10.0	1					35.0						58
5	01	07	14.0	1		15			89.0						58

Point Number: 59		Stand Number: 1		Method: 1		Origin File:									
Point ID: 59		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	13.0	1		20			70.0						59
2	01	02	11.0	1					71.0						59
3	10	01	9.0	1					39.0						59
4	01	07	12.0	1		20			67.0						59
5	10	01	6.0	1					38.0						59
6	01	01	11.0	1					71.0						59
7	01	02	9.0	1					67.0						59
8	01	07	12.0	1		15			70.0						59

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Point Number: 60		Stand Number: 1		Method: 1		Origin File:									
Point ID: 60		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	13.0	1		20									60
3	01	07	17.0	1		15			69.0						60
4	01	07	13.0	1		20			83.0						60
5	01	02	11.0	1					67.0						60
6	01	07	12.0	1		20									60

Point Number: 61		Stand Number: 1		Method: 1		Origin File:									
Point ID: 61		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	16.0	1		20			71.0						61
2	01	01	8.0	1					58.0						61
3	01	01	7.0	1					54.0						61
4	01	01	10.0	1					66.0						61
5	01	07	13.0	1		20			72.0						61
6	01	01	12.0	1					70.0						61
7	01	07	13.0	1		20			72.0						61

Point Number: 62		Stand Number: 1		Method: 1		Origin File:									
Point ID: 62		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	10.0	1					67.0						62
2	01	02	10.0	1					67.0						62
3	01	07	13.0	1		20			69.0						62
4	01	02	11.0	1					87.0						62
5	01	07	13.0	1		20									62
6	01	07	12.0	1		20			66.0						62

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Point Number: 63		Stand Number: 1		Method: 1		Origin File:									
Point ID: 63		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	8.0	1					59.0						63
2	01	02	10.0	1					63.0						63
3	01	01	14.0	1					65.0						63
4	01	02	11.0	1					69.0						63
5	01	07	13.0	1		15			68.0						63
6	01	02	10.0	1					70.0						63
7	01	02	10.0	1					64.0						63
8	01	01	9.0	1					63.0						63

Point Number: 64		Stand Number: 1		Method: 1		Origin File:									
Point ID: 64		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	6.0	1					47.0						64
2	01	01	14.0	1					66.0						64
3	01	01	7.0	1					51.0						64
4	01	07	13.0	1		20			68.0						64

Point Number: 65		Stand Number: 1		Method: 1		Origin File:									
Point ID: 65		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	10	01	6.0	1					33.0						65
2	10	01	12.0	1					63.0						65
3	10	01	6.0	1					39.0						65
4	01	07	12.0	1		20			72.0						65
5	01	02	11.0	1					70.0						65

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Point Number: 66		Stand Number: 1		Method: 1		Origin File:									
Point ID: 66		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	13.0	1		20									66
2	01	02	9.0	1					67.0						66
3	01	02	10.0	1					67.0						66
4	01	07	13.0	1		20									66
5	01	01	15.0	1					67.0						66
6	01	07	13.0	1		15									66
7	01	07	13.0	1		15									66
8	01	07	15.0	1		15									66
9	01	02	11.0	1					67.0						66
10	01	02	10.0	1					67.0						66
11	01	02	10.0	1					67.0						66

Point Number: 67		Stand Number: 1		Method: 1		Origin File:									
Point ID: 67		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	11.0	1					63.0						67
2	01	07	12.0	1		20			69.0						67
3	01	02	10.0	1					68.0						67
4	01	02	11.0	1					68.0						67
5	01	07	12.0	1		20			72.0						67
6	10	01	7.0	1					41.0						67
7	01	02	11.0	1					65.0						67

Point Number: 68		Stand Number: 1		Method: 1		Origin File:									
Point ID: 68		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	11.0	1					67.0						68
2	01	02	11.0	1					67.0						68
3	01	02	10.0	1					67.0						68
4	01	02	9.0	1					67.0						68
5	01	02	9.0	1					67.0						68
6	01	02	11.0	1					67.0						68
7	01	02	10.0	1					67.0						68
8	01	02	11.0	1					67.0						68
9	01	07	12.0	1		20			69.0						68
10	01	02	9.0	1					67.0						68

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Point Number: 69		Stand Number: 1		Method: 1		Origin File:									
Point ID: 69		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	13.0	1		15									69
2	10	01	14.0	1					58.0						69
3	01	07	14.0	1		15			72.0						69
4	01	07	14.0	1		20									69

Point Number: 70		Stand Number: 1		Method: 1		Origin File:									
Point ID: 70		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	12.0	1					69.0						70
2	01	01	12.0	1					68.0						70
3	01	02	10.0	1					71.0						70
4	01	02	10.0	1					69.0						70
5	01	02	10.0	1					71.0						70
6	01	01	14.0	1					69.0						70

Point Number: 71		Stand Number: 1		Method: 1		Origin File:									
Point ID: 71		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	10	01	16.0	1					58.0						71
2	10	01	12.0	1					50.0						71
3	01	02	11.0	1					68.0						71
4	01	07	16.0	1		15			64.0						71
5	10	01	12.0	1					56.0						71

Point Number: 72		Stand Number: 1		Method: 1		Origin File:									
Point ID: 72		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	7.0	1					50.0						72
2	01	01	7.0	1					50.0						72
3	01	01	8.0	1					66.0						72
4	01	01	5.0	1					40.0						72

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Point Number: 73		Stand Number: 1		Method: 1		Origin File:									
Point ID: 73		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	11.0	1					67.0						73
2	10	01	11.0	1					53.0						73
3	01	02	10.0	1					67.0						73
4	01	02	11.0	1					67.0						73
5	01	02	9.0	1					67.0						73
6	01	07	13.0	1			20		88.0						73
7	01	02	10.0	1					67.0						73

Point Number: 74		Stand Number: 1		Method: 1		Origin File:									
Point ID: 74		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	10.0	1					67.0						74
2	01	01	10.0	1					60.0						74
3	01	01	9.0	1					57.0						74
4	01	07	14.0	1			20		70.0						74
5	01	01	10.0	1					60.0						74
6	01	01	6.0	1					47.0						74
7	01	01	8.0	1					55.0						74
8	01	07	12.0	1			20		71.0						74
9	01	02	10.0	1					67.0						74
13	01	01	8.0	1					55.0						74
14	01	02	9.0	1					67.0						74

Point Number: 75		Stand Number: 1		Method: 1		Origin File:									
Point ID: 75		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	14.0	1			20		65.0						75

Point Number: 76		Stand Number: 1		Method: 1		Origin File:									
Point ID: 76		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	16.0	1			20		67.0						76

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Point Number: 77 Stand Number: 1 Method: 1 Origin File:
Point ID: 77 Stand ID: 1 G-SALES-NL.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	10.0	1					67.0						77
2	01	02	10.0	1					67.0						77
3	01	02	10.0	1					67.0						77
4	01	02	11.0	1					67.0						77

Point Number: 78 Stand Number: 1 Method: 1 Origin File:
Point ID: 78 Stand ID: 1 G-SALES-NL.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	12.0	1		15			58.0						78
2	01	07	12.0	1		20			72.0						78
3	01	07	14.0	1		20			73.0						78

Point Number: 79 Stand Number: 1 Method: 1 Origin File:
Point ID: 79 Stand ID: 1 G-SALES-NL.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	7.0	1					51.0						79
2	01	01	6.0	1					47.0						79
3	01	01	5.0	1					42.0						79
4	01	01	9.0	1					57.0						79

Point Number: 80 Stand Number: 1 Method: 1 Origin File:
Point ID: 80 Stand ID: 1 G-SALES-NL.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	N														80

Point Number: 81 Stand Number: 1 Method: 1 Origin File:
Point ID: 81 Stand ID: 1 G-SALES-NL.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	10	01	10.0	1					48.0						81

Point Number: 82 Stand Number: 1 Method: 1 Origin File:
Point ID: 82 Stand ID: 1 G-SALES-NL.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	N														82

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Point Number: 83		Stand Number: 1		Method: 1		Origin File:									
Point ID: 83		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	13.0	1					80.0						83
2	01	07	14.0	1		15			64.0						83
3	01	01	13.0	1					59.0						83

Point Number: 84		Stand Number: 1		Method: 1		Origin File:									
Point ID: 84		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	9.0	1					49.0						84
2	01	02	11.0	1					67.0						84
3	01	02	10.0	1					83.0						84
4	01	07	12.0	1		15			66.0						84
5	01	01	7.0	1					66.0						84
6	01	01	11.0	1					70.0						84

Point Number: 85		Stand Number: 1		Method: 1		Origin File:									
Point ID: 85		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	10.0	1					67.0						85
2	01	07	12.0	1		20									85
3	01	07	15.0	1		20			73.0						85
4	01	01	14.0	1					66.0						85

Point Number: 86		Stand Number: 1		Method: 1		Origin File:									
Point ID: 86		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	16.0	1		20			64.0						86
2	01	07	18.0	1		20			70.0						86
3	01	07	16.0	1		20			73.0						86
4	01	02	11.0	1					53.0						86

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Point Number: 87
Point ID: 87

Stand Number: 1
Stand ID: 1

Method: 1

Origin File:
G-SALES-NL.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	11.0	1					66.0						87
2	01	02	9.0	1					64.0						87
3	01	07	12.0	1			20		69.0						87
4	01	02	11.0	1					64.0						87
5	01	07	15.0	1			20		72.0						87
6	01	07	12.0	1			20		65.0						87
7	01	07	14.0	1			20		73.0						87

Point Number: 88
Point ID: 88

Stand Number: 1
Stand ID: 1

Method: 1

Origin File:
G-SALES-NL.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	13.0	1					68.0						88
2	01	07	14.0	1			20		72.0						88
3	01	07	12.0	1			20		70.0						88
4	01	07	12.0	1			20		71.0						88

Point Number: 89
Point ID: 89

Stand Number: 1
Stand ID: 1

Method: 1

Origin File:
G-SALES-NL.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	14.0	1			20								89
2	01	07	15.0	1			20								89
3	01	07	15.0	1			20								89
4	01	07	17.0	1			15								89
5	01	02	11.0	1					67.0						89
6	01	02	11.0	1					67.0						89
7	01	01	13.0	1					65.0						89

Point Number: 90
Point ID: 90

Stand Number: 1
Stand ID: 1

Method: 1

Origin File:
G-SALES-NL.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	15.0	1			15		62.0						90
2	01	07	12.0	1			15		65.0						90
3	01	07	12.0	1			20		65.0						90
4	01	07	13.0	1			15		68.0						90

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Point Number: 91		Stand Number: 1		Method: 1		Origin File:									
Point ID: 91		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	13.0	1		20			71.0						91
2	01	02	11.0	1					70.0						91
3	01	07	12.0	1		20			73.0						91
4	01	02	10.0	1					66.0						91
5	01	02	11.0	1					66.0						91
6	01	07	12.0	1		15			58.0						91
7	01	07	13.0	1		20			61.0						91
8	01	07	14.0	1		20			66.0						91
9	01	02	10.0	1					69.0						91

Point Number: 92		Stand Number: 1		Method: 1		Origin File:									
Point ID: 92		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	11.0	1					67.0						92
2	01	01	13.0	1					65.0						92

Point Number: 93		Stand Number: 1		Method: 1		Origin File:									
Point ID: 93		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	9.0	1					70.0						93
2	01	07	13.0	1		15			69.0						93
3	01	01	7.0	1					50.0						93
4	01	01	8.0	1					50.0						93
5	03	01	13.0	1					52.0						93

Point Number: 94		Stand Number: 1		Method: 1		Origin File:									
Point ID: 94		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	12.0	1		20			60.0						94
2	01	01	8.0	1					55.0						94
3	10	01	10.0	1					50.0						94
4	01	02	11.0	1					67.0						94
5	01	02	9.0	1					67.0						94

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Point Number: 95		Stand Number: 1		Method: 1		Origin File:									
Point ID: 95		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	12.0	1		20			64.0						95
2	01	07	13.0	1		20			72.0						95
3	01	07	12.0	1		20			69.0						95
4	10	07	14.0	1		15			68.0						95
5	01	07	13.0	1		20			70.0						95
6	01	07	13.0	1		15			69.0						95

Point Number: 96		Stand Number: 1		Method: 1		Origin File:									
Point ID: 96		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	12.0	1					63.0						96
2	01	02	10.0	1					67.0						96

Point Number: 97		Stand Number: 1		Method: 1		Origin File:									
Point ID: 97		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	10.0	1					56.0						97
2	01	02	11.0	1					57.0						97

Point Number: 98		Stand Number: 1		Method: 1		Origin File:									
Point ID: 98		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	10.0	1					51.0						98

Point Number: 99		Stand Number: 1		Method: 1		Origin File:									
Point ID: 99		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	8.0	1					55.0						99
2	01	02	9.0	1					67.0						99
3	01	01	8.0	1					55.0						99
4	01	07	12.0	1		15			68.0						99

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Point Number: 100		Stand Number: 1		Method: 1		Origin File:									
Point ID: 100		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	9.0	1					34.0						100
2	01	01	7.0	1					33.0						100
3	01	01	9.0	1					34.0						100

Point Number: 101		Stand Number: 1		Method: 1		Origin File:									
Point ID: 101		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	10	01	7.0	1					41.0						101
2	10	01	5.0	1					30.0						101
3	10	01	8.0	1					36.0						101
4	10	01	8.0	1					44.0						101
5	10	01	6.0	1					36.0						101
6	10	01	8.0	1					44.0						101
7	10	01	9.0	1					48.0						101
8	10	01	7.0	1					41.0						101
9	10	01	6.0	1					36.0						101

Point Number: 102		Stand Number: 1		Method: 1		Origin File:									
Point ID: 102		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	10	01	10.0	1					48.0						102
2	10	01	8.0	1					50.0						102
3	10	01	7.0	1					44.0						102
4	10	01	7.0	1					38.0						102

Point Number: 103		Stand Number: 1		Method: 1		Origin File:									
Point ID: 103		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	11.0	1					69.0						103
2	01	07	13.0	1			20		72.0						103
3	01	01	8.0	1					54.0						103
4	01	07	13.0	1			20		71.0						103
5	01	07	12.0	1			20		68.0						103
6	01	07	12.0	1			20		68.0						103
7	01	07	13.0	1			20		70.0						103

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Point Number: 104		Stand Number: 1		Method: 1		Origin File:									
Point ID: 104		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	8.0	1					47.0						104
4	01	01	15.0	1					67.0						104
5	01	02	11.0	1					87.0						104
6	01	01	7.0	1					51.0						104
7	01	01	6.0	1					47.0						104
8	01	01	14.0	1					86.0						104
9	01	01	17.0	1					69.0						104

Point Number: 105		Stand Number: 1		Method: 1		Origin File:									
Point ID: 105		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
2	01	01	13.0	1					53.0						105
3	01	07	13.0	1			15		69.0						105
4	01	02	11.0	1					67.0						105
5	01	01	12.0	1					56.0						105
6	01	01	16.0	1					67.0						105
7	01	02	11.0	1					63.0						105

Point Number: 106		Stand Number: 1		Method: 1		Origin File:									
Point ID: 106		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	8.0	1					55.0						106
2	01	07	12.0	1			20		69.0						106
3	01	01	5.0	1					42.0						106
4	01	01	9.0	1					57.0						106
5	01	01	9.0	1					57.0						106

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Point Number: 107		Stand Number: 1		Method: 1		Origin File:									
Point ID: 107		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	8.0	1					41.0						107
2	02	07	13.0	1		20									107
3	02	01	8.0	1					41.0						107
4	02	07	16.0	1		20									107
5	02	01	8.0	1					53.0						107
6	02	02	11.0	1					88.0						107
7	02	07	14.0	1		25									107
8	02	01	7.0	1					47.0						107

Point Number: 108		Stand Number: 1		Method: 1		Origin File:									
Point ID: 108		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	12.0	1		25			72.0						108
2	02	07	14.0	1		25			70.0						108
3	02	02	10.0	1					84.0						108
4	02	07	13.0	1		15			67.0						108
5	02	01	10.0	1					62.0						108
6	02	01	11.0	1					64.0						108
7	02	07	12.0	1		15			66.0						108
8	02	07	16.0	1		20			70.0						108
9	02	02	9.0	1					66.0						108

Point Number: 109		Stand Number: 1		Method: 1		Origin File:									
Point ID: 109		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	18.0	1		25			75.0						109
2	02	07	13.0	1		25			76.0						109
3	02	07	14.0	1		25			77.0						109
4	02	07	16.0	1		20			88.0						109
5	02	07	14.0	1		20			68.0						109
6	02	07	14.0	1		20			70.0						109
7	02	07	13.0	1		20			70.0						109

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Point Number: 110		Stand Number: 1		Method: 1		Origin File:									
Point ID: 110		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	14.0	1		20									110
2	02	07	16.0	1		25									110
3	02	07	13.0	1		15									110
4	02	07	14.0	1		25									110
5	02	07	14.0	1		25									110
6	02	07	15.0	1		25									110
7	02	07	12.0	1		25									110
8	02	07	13.0	1		25									110
9	02	07	14.0	1		25									110
10	02	07	16.0	1		25									110
11	02	07	18.0	1		25									110

Point Number: 111		Stand Number: 1		Method: 1		Origin File:									
Point ID: 111		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	14.0	1		25		76.0							111
2	02	07	12.0	1		25		76.0							111
3	02	07	14.0	1		25		75.0							111
4	02	07	13.0	1		25		77.0							111
5	02	02	11.0	1				67.0							111
6	02	07	12.0	1		20		72.0							111
7	02	07	13.0	1		25		73.0							111
8	02	07	13.0	1		25		74.0							111
9	02	07	12.0	1		25		69.0							111

Point Number: 112		Stand Number: 1		Method: 1		Origin File:									
Point ID: 112		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	14.0	1		20									112
2	02	02	10.0	1				67.0							112
3	02	07	14.0	1		20									112
4	02	02	11.0	1				68.0							112
5	02	07	12.0	1		20									112
6	02	07	13.0	1		25									112
7	02	07	12.0	1		25									112

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Point Number: 113 Stand Number: 1 Method: 1 Origin File:
Point ID: 113 Stand ID: 1 GUA_SALES_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	02	10.0	1					67.0						113
2	02	02	10.0	1					67.0						113
3	02	01	12.0	1					69.0						113
4	02	02	11.0	1					68.0						113
5	02	01	13.0	1					71.0						113
6	02	01	8.0	1					41.0						113
7	02	07	14.0	1		25									113
8	02	01	8.0	1					41.0						113

Point Number: 114 Stand Number: 1 Method: 1 Origin File:
Point ID: 114 Stand ID: 1 GUA_SALES_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	14.0	1		25			75.0						114
2	02	07	14.0	1		25			76.0						114
3	02	07	16.0	1		15			66.0						114
4	02	07	16.0	1		20			77.0						114

Point Number: 115 Stand Number: 1 Method: 1 Origin File:
Point ID: 115 Stand ID: 1 GUA_SALES_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	13.0	1		25			72.0						115
2	02	07	13.0	1		25			75.0						115
3	02	07	13.0	1		25			77.0						115
4	02	07	12.0	1		25			73.0						115
5	02	02	11.0	1					72.0						115
6	02	07	13.0	1		25			77.0						115
7	02	07	13.0	1		20			75.0						115

Point Number: 116 Stand Number: 1 Method: 1 Origin File:
Point ID: 116 Stand ID: 1 GUA_SALES_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	10.0	1					62.0						116
2	02	02	10.0	1					67.0						116

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Point Number: 117		Stand Number: 1		Method: 1		Origin File:									
Point ID: 117		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	12.0	1		20			56.0						117
2	02	02	11.0	1					56.0						117
3	02	02	11.0	1					60.0						117
4	02	07	12.0	1		20			59.0						117
5	02	02	11.0	1					62.0						117

Point Number: 118		Stand Number: 1		Method: 1		Origin File:									
Point ID: 118		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	02	9.0	1					66.0						118
2	02	02	10.0	1					67.0						118

Point Number: 119		Stand Number: 1		Method: 1		Origin File:									
Point ID: 119		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	17.0	1		20			70.0						119
2	02	07	14.0	1		20			68.0						119
3	02	07	15.0	1		20			71.0						119
4	02	07	12.0	1		20			69.0						119

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Point Number: 120 Point ID: 120				Stand Number: 1 Stand ID: 1				Method: 1				Origin File: GUA_SALES_CM.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	7.0	1					47.0						120
2	02	02	10.0	1					67.0						120
3	02	01	8.0	1					41.0						120
4	02	02	9.0	1					66.0						120
5	02	01	7.0	1					47.0						120
6	02	01	7.0	1					47.0						120
7	02	02	9.0	1					66.0						120
8	02	02	10.0	1					67.0						120
9	02	02	9.0	1					66.0						120
10	02	01	6.0	1					41.0						120
11	02	02	11.0	1					68.0						120
12	02	02	10.0	1					67.0						120
13	02	01	8.0	1					53.0						120
14	02	02	9.0	1					66.0						120
15	02	02	9.0	1					66.0						120
16	02	01	7.0	1					47.0						120
17	02	01	6.0	1					41.0						120
18	02	01	7.0	1					47.0						120
19	02	02	10.0	1					67.0						120
20	02	01	5.0	1					33.0						120
21	02	02	10.0	1					67.0						120
22	02	01	6.0	1					41.0						120
23	02	02	10.0	1					67.0						120
24	02	01	8.0	1					53.0						120
25	02	01	8.0	1					53.0						120
26	02	02	11.0	1					68.0						120
27	02	01	8.0	1					53.0						120

Point Number: 121 Point ID: 121				Stand Number: 1 Stand ID: 1				Method: 1				Origin File: GUA_SALES_CM.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	8.0	1					62.0						121
2	02	02	9.0	1					65.0						121
3	02	01	8.0	1					62.0						121
4	02	02	10.0	1					67.0						121
5	02	02	9.0	1					68.0						121
6	02	02	9.0	1					68.0						121

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Point Number: 122 Point ID: 122				Stand Number: 1 Stand ID: 1				Method: 1				Origin File: GUA_SALES_CM.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	02	11.0	1					80.0						122
2	02	01	7.0	1					58.0						122
3	02	07	18.0	1		20			84.0						122

Point Number: 123 Point ID: 123				Stand Number: 1 Stand ID: 1				Method: 1				Origin File: GUA_SALES_CM.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	7.0	1					47.0						123
3	02	07	14.0	1		20									123
4	02	07	13.0	1		20									123
5	02	07	14.0	1		20									123
6	02	02	10.0	1					67.0						123
7	02	02	11.0	1					68.0						123

Point Number: 124 Point ID: 124				Stand Number: 1 Stand ID: 1				Method: 1				Origin File: GUA_SALES_CM.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	12.0	1		20			72.0						124
2	02	02	11.0	1					73.0						124
3	02	07	12.0	1		25			68.0						124
4	02	07	12.0	1		25			74.0						124
5	02	07	12.0	1		25			77.0						124
6	02	02	11.0	1					75.0						124
7	02	02	11.0	1					77.0						124
8	02	07	12.0	1		25			75.0						124
9	02	07	13.0	1		25			74.0						124
10	02	07	13.0	1		25			74.0						124
11	02	02	11.0	1					65.0						124
12	02	02	11.0	1					71.0						124
13	02	07	15.0	1		25			78.0						124
14	02	07	14.0	1		20			76.0						124

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Point Number: 125		Stand Number: 1		Method: 1		Origin File:									
Point ID: 125		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	15.0	1		25									125
2	02	07	15.0	1		25									125
3	02	07	15.0	1		25									125
4	02	02	11.0	1					68.0						125

Point Number: 126		Stand Number: 1		Method: 1		Origin File:									
Point ID: 126		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	5.0	1					31.0						126
2	02	02	9.0	1					66.0						126
3	02	02	11.0	1					66.0						126
4	02	01	8.0	1					53.0						126
5	02	01	7.0	1					47.0						126
6	02	02	10.0	1					67.0						126

Point Number: 127		Stand Number: 1		Method: 1		Origin File:									
Point ID: 127		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	8.0	1					45.0						127
2	02	01	6.0	1					37.0						127
3	02	07	15.0	1		20			63.0						127
4	02	02	11.0	1					53.0						127
5	02	01	8.0	1					43.0						127
6	02	01	13.0	1					48.0						127
7	02	02	10.0	1					63.0						127
8	02	01	8.0	1					64.0						127
9	02	07	13.0	1		20			64.0						127

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Point Number: 128		Stand Number: 1		Method: 1		Origin File:									
Point ID: 128		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	8.0	1					53.0						128
3	02	02	10.0	1					67.0						128
4	02	07	12.0	1		20									128
5	02	07	12.0	1		20									128
6	02	01	8.0	1					53.0						128
8	02	07	16.0	1		25									128
9	02	02	9.0	1					66.0						128
11	02	07	13.0	1		20									128
12	02	01	14.0	1					74.0						128

Point Number: 129		Stand Number: 1		Method: 1		Origin File:									
Point ID: 129		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	15.0	1		20									129
2	02	07	14.0	1		25									129
3	02	07	13.0	1		20									129
4	02	07	15.0	1		25									129
5	02	07	16.0	1		25									129

Point Number: 130		Stand Number: 1		Method: 1		Origin File:									
Point ID: 130		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	02	11.0	1					72.0						130
2	02	01	13.0	1					76.0						130
3	02	07	14.0	1		25			75.0						130
4	02	07	16.0	1		25			77.0						130
5	02	07	12.0	1		20			71.0						130
6	02	07	12.0	1		20			68.0						130
7	02	07	19.0	1		25			75.0						130
8	02	02	11.0	1					70.0						130
9	02	01	14.0	1					72.0						130
10	02	02	11.0	1					71.0						130
11	02	07	13.0	1		25			74.0						130

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Point Number: 131		Stand Number: 1		Method: 1		Origin File:									
Point ID: 131		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	02	11.0	1					68.0						131
2	02	07	15.0	1		20									131
3	02	01	8.0	1					53.0						131
4	02	02	11.0	1					68.0						131
5	02	07	12.0	1		25									131
6	02	02	10.0	1					67.0						131
7	02	01	6.0	1					41.0						131
8	02	02	9.0	1					66.0						131
9	02	07	13.0	1		20									131
10	02	07	16.0	1		20									131
11	02	07	14.0	1		25									131
12	02	07	14.0	1		25									131

Point Number: 132		Stand Number: 1		Method: 1		Origin File:									
Point ID: 132		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	02	11.0	1					73.0						132
2	02	07	15.0	1		20			74.0						132
3	02	02	10.0	1					66.0						132
4	02	07	15.0	1		25			72.0						132
5	02	02	9.0	1					72.0						132

Point Number: 133		Stand Number: 1		Method: 1		Origin File:									
Point ID: 133		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	16.0	1		20									133
2	02	02	11.0	1					68.0						133
3	02	07	12.0	1		20									133
4	02	07	14.0	1		25									133
5	02	01	15.0	1					76.0						133
6	02	07	13.0	1		25									133

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Point Number: 134		Stand Number: 1		Method: 1		Origin File:									
Point ID: 134		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	17.0	1		20			70.0						134
2	02	07	16.0	1		25			68.0						134
3	02	07	18.0	1		25			73.0						134
4	02	07	13.0	1		20			65.0						134

Point Number: 135		Stand Number: 1		Method: 1		Origin File:									
Point ID: 135		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	14.0	1		20			68.0						135
2	02	07	12.0	1		20			64.0						135
3	02	02	11.0	1					70.0						135
4	02	07	12.0	1		20			69.0						135
5	02	02	11.0	1					67.0						135
6	02	02	11.0	1					68.0						135
7	02	07	14.0	1		20			70.0						135

Point Number: 136		Stand Number: 1		Method: 1		Origin File:									
Point ID: 136		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	5.0	1					33.0						136
2	02	01	5.0	1					33.0						136
3	02	02	9.0	1					66.0						136
4	02	02	9.0	1					66.0						136
5	02	01	8.0	1					53.0						136
6	02	02	9.0	1					66.0						136
7	02	07	12.0	1		20			63.0						136

Point Number: 137		Stand Number: 1		Method: 1		Origin File:									
Point ID: 137		Stand ID: 1				G-SALES-NL.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	02	02	11.0	1					68.0						137
2	02	02	10.0	1					67.0						137
3	02	01	12.0	1					69.0						137
4	02	02	10.0	1					67.0						137

Guana ALL TALLY
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Tree Tally 1
by Point Number
5/21/12

Point Number: 138		Stand Number: 1		Method: 1		Origin File:									
Point ID: 138		Stand ID: 1										G-SALES-NL.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	02	9.0	1					51.0						138
2	02	07	13.0	1		20			63.0						138
3	02	07	12.0	1		15			64.0						138
4	02	07	12.0	1		15			58.0						138
5	02	02	10.0	1					60.0						138
6	02	07	12.0	1		20			65.0						138
7	02	02	9.0	1					59.0						138

Point Number: 139		Stand Number: 1		Method: 1		Origin File:									
Point ID: 139		Stand ID: 1										GUA_SALES_CM.mdb			
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	7.0	1					40.0						139
2	02	07	13.0	1		30			81.0						139
3	02	07	18.0	1		30			86.0						139
4	02	07	16.0	1		30			88.0						139
5	02	02	11.0	1		40			79.0						139
6	02	07	14.0	1		25			85.0						139
7	02	07	12.0	1		30			83.0						139
8	02	07	12.0	1		30			81.0						139
9	02	07	15.0	1		30			82.0						139
10	02	07	13.0	1		25			71.0						139
11	02	07	17.0	1		30			88.0						139
12	02	07	13.0	1		25			78.0						139
13	02	01	12.0	1					78.0						139
14	02	02	11.0	1					63.0						139

Guana ALL TALLY
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Tree Tally 1
by Point Number
5/21/12

Point Number: 140		Stand Number: 1		Method: 1		Origin File:									
Point ID: 140		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	12.0	1		25									140
2	02	02	10.0	1					69.0						140
3	02	07	13.0	1		20									140
4	02	07	14.0	1		30									140
5	02	07	16.0	1		30									140
6	02	07	19.0	1		30									140
7	02	07	13.0	1		30									140
8	02	07	15.0	1		30									140
9	02	07	15.0	1		30									140
10	02	02	9.0	1					67.0						140
11	02	02	10.0	1					69.0						140
12	02	07	12.0	1		30									140
13	02	07	13.0	1		30									140
14	02	02	11.0	1					70.0						140
15	02	02	10.0	1					69.0						140
16	02	02	9.0	1					67.0						140
17	02	07	16.0	1		30									140

Point Number: 141		Stand Number: 1		Method: 1		Origin File:									
Point ID: 141		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	12.0	1		30									141
2	02	07	14.0	1		30									141
3	02	07	14.0	1		30									141
4	02	07	13.0	1		30									141
5	02	07	15.0	1		30									141
6	02	07	17.0	1		30									141
7	02	07	14.0	1		30									141
8	02	07	15.0	1		30									141
9	02	07	15.0	1		30									141
10	02	07	14.0	1		30									141
11	02	07	13.0	1		30									141
12	02	07	14.0	1		30									141
13	02	07	13.0	1		30									141
14	02	07	14.0	1		30									141
15	02	02	11.0	1					70.0						141
16	02	07	13.0	1		30									141

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Tree Tally 1
by Point Number
5/21/12

Point Number: 142		Stand Number: 1		Method: 1		Origin File:									
Point ID: 142		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	22.0	1		30			97.0						142
7	02	07	19.0	1		30			96.0						142
8	02	07	19.0	1		30			99.0						142
12	02	07	23.0	1		25			76.0						142
13	02	07	21.0	1		25			81.0						142
14	02	07	17.0	1		30			72.0						142
15	02	07	22.0	1		30			85.0						142
16	02	07	18.0	1		25			88.0						142

Point Number: 143		Stand Number: 1		Method: 1		Origin File:									
Point ID: 143		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	23.0	1		30			90.0						143
2	02	07	15.0	1		30			85.0						143
3	02	07	21.0	1		30			86.0						143
5	02	07	13.0	1		30			71.0						143
8	02	07	17.0	1		30			89.0						143
9	02	07	19.0	1		25			86.0						143

Point Number: 144		Stand Number: 1		Method: 1		Origin File:									
Point ID: 144		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	15.0	1		35									144
2	02	07	16.0	1		35									144
3	02	07	15.0	1		35									144
4	02	07	14.0	1		30									144
5	02	07	15.0	1		30									144
6	02	07	16.0	1		35									144
7	02	07	17.0	1		35									144
8	02	07	19.0	1		35									144
9	02	07	14.0	1		30									144
10	02	07	18.0	1		35									144
11	02	07	16.0	1		35									144

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Tree Tally 1
by Point Number

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Point Number: 145		Stand Number: 1		Method: 1		Origin File:									
Point ID: 145		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	19.0	1		30			82.0						145
2	02	07	21.0	1		30			79.0						145
3	02	07	18.0	1		30			87.0						145
4	02	07	17.0	1		30			92.0						145
5	02	01	23.0	1					75.0						145
6	02	07	15.0	1		20			70.0						145
7	02	07	14.0	1		15			69.0						145
8	02	01	16.0	1					73.0						145
9	02	07	20.0	1		20			78.0						145
10	02	02	11.0	1					67.0						145

Point Number: 146		Stand Number: 1		Method: 1		Origin File:									
Point ID: 146		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	14.0	1		30									146
2	02	07	16.0	1		35									146
3	02	07	15.0	1		20									146
4	02	07	14.0	1		30									146
5	02	07	16.0	1		30									146
6	02	07	17.0	1		30									146
7	02	07	19.0	1		30									146
8	02	07	14.0	1		35									146
9	02	07	17.0	1		30									146
10	02	07	14.0	1		30									146
11	02	07	18.0	1		35									146

Point Number: 147		Stand Number: 1		Method: 1		Origin File:									
Point ID: 147		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	15.0	1					63.0						147
2	03	01	14.0	1					65.0						147
3	03	01	12.0	1					67.0						147
4	03	01	13.0	1					67.0						147
5	02	07	23.0	1		15			84.0						147
6	03	07	14.0	1		20			66.0						147
7	03	07	17.0	1		20			68.0						147
8	03	07	15.0	1		15			59.0						147

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Tree Tally 1
by Point Number

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Point Number: 148 Stand Number: 1 Method: 1 Origin File:
Point ID: 148 Stand ID: 1 GUA_SALES_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	13.0	1					63.0						148
2	03	01	14.0	1					65.0						148
3	03	01	15.0	1					66.0						148

Point Number: 149 Stand Number: 1 Method: 1 Origin File:
Point ID: 149 Stand ID: 1 GUA_SALES_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	20.0	1		20			63.0						149
2	03	07	12.0	1		20			65.0						149
3	03	01	13.0	1					63.0						149

Point Number: 150 Stand Number: 1 Method: 1 Origin File:
Point ID: 150 Stand ID: 1 GUA_SALES_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	8.0	1					47.0						150
2	03	02	9.0	1					50.0						150

Point Number: 151 Stand Number: 1 Method: 1 Origin File:
Point ID: 151 Stand ID: 1 GUA_SALES_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	02	9.0	1					67.0						151
2	02	07	14.0	1		20									151
3	02	07	14.0	1		25									151
4	02	07	14.0	1		20									151
5	02	02	11.0	1					70.0						151
6	02	07	16.0	1		20									151
7	02	07	12.0	1		20									151
8	03	01	9.0	1					53.0						151
9	02	07	14.0	1		30									151
10	02	07	17.0	1		30									151
11	02	07	15.0	1		30									151
12	02	07	17.0	1		25									151
13	02	07	14.0	1		30									151
14	03	07	13.0	1		20									151
15	02	11	15.0	1		35			73.0						151

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Tree Tally 1
by Point Number
5/21/12

Point Number: 152		Stand Number: 1		Method: 1		Origin File:									
Point ID: 152		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	14.0	1					84.0						152
2	03	01	17.0	1					64.0						152
3	03	01	13.0	1					84.0						152
5	02	07	16.0	1		20			72.0						152

Point Number: 153		Stand Number: 1		Method: 1		Origin File:									
Point ID: 153		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	21.0	1					65.0						153
2	02	02	9.0	1					87.0						153
3	02	01	8.0	1					59.0						153
4	02	07	14.0	1		20									153
5	02	07	15.0	1		20									153
6	02	07	16.0	1		25									153
7	02	07	19.0	1		25									153
8	02	07	17.0	1		20									153

Point Number: 154		Stand Number: 1		Method: 1		Origin File:									
Point ID: 154		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	18.0	1		15			80.0						154
2	02	07	20.0	1		20			76.0						154
3	02	07	15.0	1		25			76.0						154
4	02	07	16.0	1		25			77.0						154
5	02	01	7.0	1					46.0						154
6	02	02	10.0	1					72.0						154
7	02	01	12.0	1					70.0						154
8	02	07	12.0	1		30			78.0						154
9	02	11	18.0	1		40			78.0						154
10	02	11	15.0	1		35			75.0						154
11	02	01	8.0	1					57.0						154

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Tree Tally 1
by Point Number
5/21/12

Point Number: 155		Stand Number: 1		Method: 1		Origin File:									
Point ID: 155		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	01	8.0	1					59.0						155
2	02	07	12.0	1		35									155
3	02	11	15.0	1		40									155
4	02	11	14.0	1		40									155
5	02	07	13.0	1		35									155
6	02	01	14.0	1					70.0						155
7	02	11	13.0	1		35									155
8	02	07	13.0	1		30									155
9	02	11	13.0	1		35									155
10	02	07	14.0	1		35									155
11	02	02	11.0	1					70.0						155
12	02	02	10.0	1					69.0						155
13	02	02	11.0	1					70.0						155
14	02	07	12.0	1		30									155
15	02	07	13.0	1		30									155
16	02	07	15.0	1		30									155

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Tree Tally 1
by Point Number
5/21/12

Point Number: 156		Stand Number: 1		Method: 1		Origin File:									
Point ID: 156		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	14.0	1		25			80.0						156
2	02	01	8.0	1					65.0						156
3	02	02	9.0	1					67.0						156
4	02	07	12.0	1		25			76.0						156
5	02	02	11.0	1					65.0						156
6	02	07	16.0	1		30			78.0						156
7	02	07	12.0	1		25			73.0						156
8	02	01	8.0	1					62.0						156
9	02	07	14.0	1		30			80.0						156
10	02	01	8.0	1					57.0						156
11	02	01	6.0	1					57.0						156
12	02	07	13.0	1		30			81.0						156
13	02	02	10.0	1					71.0						156
14	02	07	14.0	1		25			73.0						156
15	02	07	14.0	1		30			82.0						156
16	02	07	12.0	1		25			72.0						156
17	02	02	11.0	1					77.0						156
18	02	01	8.0	1					67.0						156
19	02	02	10.0	1					66.0						156
20	02	07	12.0	1		30			74.0						156
21	02	07	14.0	1		30			78.0						156

Point Number: 157		Stand Number: 1		Method: 1		Origin File:									
Point ID: 157		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	16.0	1		30									157
2	02	07	14.0	1		35									157
3	02	11	14.0	1		45			80.0						157
4	02	01	15.0	1					71.0						157
5	02	07	12.0	1		30									157
6	02	07	14.0	1		25									157
7	02	07	14.0	1		25									157
8	02	01	15.0	1					71.0						157
9	02	07	15.0	1		15									157
10	02	07	17.0	1		20									157
11	02	07	13.0	1		30									157

Guana ALL TALLY
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Tree Tally 1
by Point Number
5/21/12

Point Number: 158		Stand Number: 1		Method: 1		Origin File:									
Point ID: 158		Stand ID: 1				GUA_SALES_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	02	07	15.0	1		35			80.0						158
2	02	02	11.0	1					76.0						158
3	02	07	12.0	1		35			75.0						158
4	02	11	13.0	1		45			77.0						158
5	02	07	14.0	1		25			64.0						158
6	02	01	8.0	1					86.0						158
7	02	07	15.0	1		35			80.0						158
8	02	07	18.0	1		30			78.0						158
9	02	02	11.0	1					64.0						158
10	02	11	16.0	1		30			75.0						158
11	02	07	13.0	1		30			74.0						158
12	02	07	13.0	1		30			75.0						158
13	02	07	13.0	1		30			77.0						158
14	02	02	9.0	1					66.0						158
15	02	07	13.0	1		30			79.0						158

GAUNA INVENTORY

CRUISE WORKUP PRINTOUTS AND STAND AND STOCK TABLES

GUANA RIVER - PER UNIT SUMMARY OF PINE AREAS - INVENTORY											
GUANA INVENTORY											
UNIT #	PINE ACRES	FOREST TYPE	MATURE SPA	BA AC	VOLUME ACRE	AV DBH	REGEN SPA	# PLOTS	PLOT #'S	TARGET BA	COMMENTS
6	35.8	scrubby flatwoods	66.2	42.5	23.7	10.8	0.0	4	159-162	20	
18b	30.5	mesic flatwoods	28.6	10.0	6.3	8.0	0.0	2	177-178	35	18 is sale
18c	9.8	scrubby flatwoods	14.6	10.3	8.9	5.4	50.0	2	179-180	20	18 is sale
23	138.8	mesic flatwoods	40.9	26.6	19.4	8.2	60.7	14	163-176	35	
23	33.7	scrubby flatwoods	2.7	2.5	1.7	13.0	37.5	4	250-253	20	
27a	86.0	mesic flatwoods	50.5	28.8	19.7	4.8	183.3	9	181-189	35	27 is sale
27b	7.9	scrubby flatwoods	0.0	0.0	0.0	0.0	0.0	2	248-249	20	27 is sale - 27B IS ALL NO TALLIES (NO DATA)
31	128.3	mesic flatwoods	47.2	28.3	16.3	8.0	34.6	13	190-202	35	
31	23.3	scrubby flatwoods	3.6	3.3	1.8	13.0	0	3	245-247	20	
31	107.6	mesic flatwoods	92.7	43.1	25.3	8.8	10.0	10	203-212	35	
33	30.6	scrubby flatwoods	16.6	13.3	9.1	12.1	0.0	3	242-244	20	
35	110.9	mesic flatwoods	50.8	28.4	17.1	6.0	95.5	11	219-223 & 241	35	
50	28.4	mesic flatwoods	0.0	0.1	0.0	1.0	25.0	6	235-240	35	
52	51.0	mesic flatwoods	0.0	0.0	0.0	0.0	0.0	5	230-234	35	ALL NO TALLIES (NO DATA)
52	1.2	scrubby flatwoods	0.0	0.0	0.0	0.0	0.0	0	0	20	NO PLOTS TAKEN
55	50.3	mesic flatwoods	22.6	23.6	19.8	7.7	50.0	6	225-229 & 255	35	
55	6.9	scrubby flatwoods	0.0	0.0	0.0	0.0	0.0	1	254	20	ALL NO TALLIES (NO DATA)
881.0 TOTAL ACRES			95								

9/19/2012

GUANA RIVER - INVENTORY AREAS - TIMBER VALUE

TOTAL ACRES 881

PRODUCT	PRICE PER TON	TOTAL TONS	VALUE PER PRODUCT
PINE PULP AND TOPWOOD	\$17.54	7899.1	\$138,550.21
PINE CHIP N SAW	\$19.00	1521.7	\$28,912.30
PINE SAW TIMBER	\$21.40	4266.2	\$91,296.68

TOTAL MERCH TONS 13,687.0

VALUE OF MERCH TIMBER \$258,759.19

***It should be noted that getting a logger to cut all of the timber would be difficult due to its variability. The logger would have to move and set-up more than he would be cutting which would substantially reduce price. This further depresses stumpage prices as production costs are higher when compared to more uniform stands that don't require nearly as much effort while harvesting.

***Per ton prices are from the bid sheet of the winning bidder of the Guana Timber sale

9/19/2012

GUANA
ALL PLOTS

Tract: Basal Area Statistics, Per Acre
By Product and Species
5/21/12

Total Sampled Area (acres): 881.0
#Points: 95

Product Group	Lower Limit	Mean	Upper Limit	Standard Error	CI %error	C.V.
PREMERCH PINE PRODUCTS -- 68% CI						
PINE PREMERCH						
			----- sq. ft. -----			
NATURAL SLASH PINE	0.09	0.20	0.32	0.11	55.6	543.7
NATURAL LOBLOLLY PINE	0.05	0.16	0.27	0.11	67.5	659.7
POND PINE	0.00	0.01	0.01	0.00	70.2	685.5
Overall	0.00	0.00	0.00	0.00	0.0	0.0
NAT. PINE PRODUCTS -- 80% CI						
PULPWOOD						
			----- sq. ft. -----			
NATURAL SLASH PINE	1.22	2.21	3.20	0.77	44.7	337.6
NATURAL LOBLOLLY PINE	8.15	10.42	12.69	1.76	21.8	165.0
POND PINE	0.22	0.74	1.28	0.40	70.5	532.7
CNS-TOTAL						
			----- sq. ft. -----			
NATURAL SLASH PINE	1.31	2.11	2.90	0.62	37.7	284.8
NATURAL LOBLOLLY PINE	0.04	0.42	0.80	0.30	90.7	685.5
PINE SAW						
			----- sq. ft. -----			
NATURAL SLASH PINE	3.42	5.26	7.10	1.43	34.9	284.1
NATURAL LOBLOLLY PINE	0.41	1.16	1.90	0.58	64.2	485.7
Overall	18.98	22.32	25.87	2.80	15.0	113.7
All Product Groups	18.0	22.3	26.6	2.6	19.4	113.7

GUANA
ALL PLOTS

Tract: Volume1 Statistics, Total
By Product and Species
5/21/12

Total Sampled Area (acres): 881.0
#Points: 95

Product Group	Lower Limit	Mean	Upper Limit	Standard Error	CI %error	C.V.
NAT. PINE PRODUCTS -- 80% CI						
PULPWOOD						
		----- Tons -----				
NATURAL SLASH PINE	771.09	1,480.15	2,149.21	534.50	47.2	356.8
NATURAL LOBLOLLY PINE	4,033.67	5,211.77	6,389.87	913.84	22.8	170.9
POND PINE	119.18	388.66	658.14	209.03	69.3	524.2
CNS-TOTAL						
		----- Tons -----				
NATURAL SLASH PINE	799.25	1,307.08	1,814.90	393.92	38.9	293.7
NATURAL LOBLOLLY PINE	19.65	214.62	409.59	151.23	90.8	686.8
PINE SAW						
		----- Tons -----				
NATURAL SLASH PINE	2,219.81	3,552.75	4,885.70	1,033.95	37.5	283.7
NATURAL LOBLOLLY PINE	247.00	713.44	1,179.88	361.82	65.4	494.3
Overall	10,667.33	12,848.47	15,029.61	1,691.89	17.0	128.3
All Product Groups	10,038.5	12,848.5	15,658.5	1,691.9	21.9	128.3

GUANA
ALL PLOTS

Stand: # of Trees and Volume, Total
By Product and Species

Stand Number: 1 Area (acres): 881.0

Stand ID: 1

Product Group Product Species--Volume Table	# Trees	Volume	% Volume
PREMERCH PINE PRODUCTS			
PINE PREMERCH	#		%
NATURAL SLASH PINE--	25,502.6	0.0	0
NATURAL LOBLOLLY PINE--	15,765.3	0.0	0
POND PINE--	3,245.8	0.0	0
Total	44,513.7	0.0	100
NAT. PINE PRODUCTS			
PULPWOOD	#	Tons	%
NATURAL SLASH PINE--GRP-79T2P6 R-2"	4,454.2	1,460.2	11
NATURAL LOBLOLLY PINE--GRP-79T28P12 R-2"	18,730.4	5,211.8	41
POND PINE--GRP-79T2P6 R-2"	1,669.1	388.7	3
CNS-TOTAL	#	Tons	%
NATURAL SLASH PINE--GRP-79T2P6 R-6"	3,443.7	1,307.1	10
NATURAL LOBLOLLY PINE--PMRC-0402TF-6"DOB	650.6	214.6	2
PINE SAW	#	Tons	%
NATURAL SLASH PINE--GRP79T8P7 R-8"	4,238.2	3,552.8	28
NATURAL LOBLOLLY PINE--GRP79T8P7 R-8"	994.7	713.4	6
Total	34,180.9	12,848.5	100
Stand Total	78,694.6		

GUANA
ALL PLOTS

Stand: Topwood Volume, Total
By Product Group

Stand Number: 1
Stand ID: 1

Area (acres): 881

Topwood Product Group	Volume	Volume 2
CNS TOTAL-TOPWOOD	277.0 Tons	0.0
SAW TOPWOOD	561.4 Tons	0.0
Stand Total	838.4 Tons	

GUANA
ALL PLOTS

Stand: # Trees, Volumes 1 & 2, Total
By DBH, Product and Species

Stand Number: 1
Stand ID: 1

Area (acres): 881.0

Product Group				
Product Species—Volume 1/2 Tables	DBH inches	# Trees	Volume 1	Volume 2
PREMERCH PINE PRODUCTS				
PINE PREMERCH				
#				
NATURAL SLASH PINE--/				
	1.0	20,865.8	0.0	0.0
	2.0	927.4	0.0	0.0
	3.0	927.4	0.0	0.0
QuadMean/Subtotals	1.2	22,720.5	0.0	0.0
NATURAL LOBLOLLY PINE--/				
	1.0	14,837.9	0.0	0.0
	3.0	463.7	0.0	0.0
	4.0	463.7	0.0	0.0
QuadMean/Subtotals	1.3	15,765.3	0.0	0.0
POND PINE--/				
	1.0	927.4	0.0	0.0
QuadMean/Subtotals	1.0	927.4	0.0	0.0
Product Group Total				
	1.2	39,413.2	0.0	0.0

GUANA
ALL PLOTS

Stand: # Trees, Volumes 1 & 2, Total
By DBH, Product and Species

Stand Number: 1
Stand ID: 1

Area (acres): 881.0

Product Group				
Product Species—Volume 1/2 Tables	DBH inches	# Trees	Volume 1	Volume 2
NAT. PINE PRODUCTS				
PULPWOOD				
		#	Tons	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-2"/Defect				
	5.0	680.1	45.1	0.0
	7.0	1,041.0	152.9	0.0
	8.0	1,594.0	414.1	0.0
	9.0	209.9	58.1	0.0
	10.0	340.1	170.6	0.0
	12.0	118.1	58.4	0.0
	13.0	100.6	63.6	0.0
	14.0	86.7	67.5	0.0
	16.0	66.4	92.9	0.0
	17.0	117.7	174.7	0.0
	18.0	52.5	79.2	0.0
	19.0	47.1	83.1	0.0
QuadMean/Subtotals	9.0	4,454.2	1,460.2	0.0
NATURAL LOBLOLLY PINE--GRP-79T28P12 R-2"/Defect				
	4.0	1,062.7	28.6	0.0
	5.0	680.1	23.7	0.0
	6.0	472.3	29.9	0.0
	7.0	2,429.0	320.4	0.0
	8.0	2,391.0	442.3	0.0
	9.0	2,099.1	489.7	0.0
	10.0	4,250.7	1,272.6	0.0
	11.0	2,248.3	936.8	0.0
	12.0	2,007.3	977.3	0.0
	13.0	704.3	389.8	0.0
	14.0	280.2	171.5	0.0
	16.0	66.4	69.9	0.0
	17.0	58.8	59.2	0.0
QuadMean/Subtotals	9.5	18,730.4	5,211.8	0.0
POND PINE--GRP-79T2P6 R-2"/Defect				
	6.0	472.3	42.2	0.0
	8.0	531.3	104.5	0.0
	9.0	419.8	99.7	0.0
	10.0	170.0	69.6	0.0
	15.0	75.6	72.7	0.0
QuadMean/Subtotals	8.4	1,669.1	388.7	0.0
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**GUANA
ALL PLOTS**

**Stand: # Trees, Volumes 1 & 2, Total
By DBH, Product and Species**

Stand Number: 1
Stand ID: 1

Area (acres): 881.0

Product Group				
Product	DBH	# Trees	Volume 1	Volume 2
<i>Species—Volume 1/2 Tables</i>	<i>inches</i>			
NAT. PINE PRODUCTS				
CNS-TOTAL		#	Tons	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-6"/Defect				
	9.0	1,469.4	421.1	0.0
	10.0	850.1	307.0	0.0
	11.0	1,124.2	579.0	0.0
	QuadMean/Subtotals	9.9	3,443.7	1,307.1
NATURAL LOBLOLLY PINE--PMRC-0402TF-6"DOB/Defect				
	10.0	510.1	156.1	0.0
	11.0	140.5	58.5	0.0
	QuadMean/Subtotals	10.2	650.6	214.6
PINE SAW		#	Tons	Tons
NATURAL SLASH PINE--GRP79T8P7 R-8"/Defect				
	12.0	1,298.8	743.3	0.0
	13.0	1,006.1	643.3	0.0
	14.0	607.2	494.4	0.0
	15.0	302.3	289.1	0.0
	16.0	398.5	452.9	0.0
	17.0	353.0	465.0	0.0
	18.0	105.0	174.3	0.0
	19.0	47.1	69.5	0.0
	20.0	85.0	161.7	0.0
	22.0	35.1	59.1	0.0
	QuadMean/Subtotals	14.2	4,238.2	3,552.8
NATURAL LOBLOLLY PINE--GRP79T8P7 R-8"/Defect				
	13.0	603.7	343.6	0.0
	14.0	173.5	137.6	0.0
	15.0	151.1	138.3	0.0
	16.0	66.4	93.9	0.0
	QuadMean/Subtotals	13.7	994.7	713.4
Product Group Total		10.3	34,180.9	12,648.5
Stand Total		73,594.1		

GUANA
ALL PLOTS

Stand: # Trees, Volumes 1 & 2, Total
By DBH, Product and Species

Stand Means: 7.1

GUANA
U6-SF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 35.8

Stand ID: 1

Product Group

Product

Species--Volume Table 1/2

	# Trees	Basal Area	Volume 1
NAT. PINE PRODUCTS			
PULPWOOD	<i>#</i>	<i>Sqr Feet</i>	<i>Tons</i>
NATURAL SLASH PINE--GRP-79T2P6 R-2"/Defect	2.3	2.50	1.8
NATURAL LOBLOLLY PINE--GRP-79T28P12 R-2"/Defect	43.9	27.50	14.1
CNS-TOTAL	<i>#</i>	<i>Sqr Feet</i>	<i>Tons</i>
NATURAL SLASH PINE--GRP-79T2P6 R-6"/Defect	11.3	5.00	3.0
PINE SAW	<i>#</i>	<i>Sqr Feet</i>	<i>Tons</i>
NATURAL SLASH PINE--GRP79T8P7 R-8"/Defect	3.2	2.50	1.8
NATURAL LOBLOLLY PINE--GRP79T8P7 R-8"/Defect	5.4	5.00	3.0
Total	66.2	42.50	23.7
Stand Total	66.2	42.50	23.7

GUANA
U6-SF

Stand: Topwood Volume, Per Acre
By Product Group

Stand Number: 1	Area (acres): 36	
Stand ID: 1		
Topwood Product Group	Volume	Volume 2
CNS TOTAL-TOPWOOD	0.9 Tons	0.0
SAW TOPWOOD	1.0 Tons	0.0
Stand Total	1.9 Tons	

GUANA
U18B-MF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 30.5

Stand ID: 1

Product Group
Product

Species--Volume Table 1/2

NAT. PINE PRODUCTS

PULPWOOD

NATURAL SLASH PINE--GRP-79T2P6 R-2"/Defect

POND PINE--GRP-79T2P6 R-2"/Defect

Total

Stand Total

Trees **Basal Area** **Volume 1**

*Sqr Feet* *Tons*

14.3 5.00 3.5

14.3 5.00 2.9

28.6 **10.00** **6.3**

28.6 **10.00** **6.3**

GUANA
U18B-SF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 9.8

Stand ID: 1

Product Group

Product

Species--Volume Table 1/2

Trees

Basal Area

Volume 1

PREMERCH PINE PRODUCTS

PINE PREMERCH

#

Sqr Feet

NATURAL SLASH PINE--/

50.0

0.27

0.0

Total

50.0

0.27

0.0

NAT. PINE PRODUCTS

PULPWOOD

#

Sqr Feet

Tons

NATURAL SLASH PINE--GRP-79T2P6 R-2"/Defect

9.2

5.00

5.2

PINE SAW

#

Sqr Feet

Tons

NATURAL SLASH PINE--GRP79T0P7 R-0"/Defect

5.4

5.00

3.7

Total

14.6

10.00

8.9

Stand Total

64.6

10.27

GUANA
U18B-SF

Stand: Topwood Volume, Per Acre
By Product Group

Stand Number: 1	Area (acres): 10	
Stand ID: 1		
Topwood Product Group	Volume	Volume 2
SAW TOPWOOD	0.6 Tons	0.0
Stand Total	0.6 Tons	

GUANA
U23-MF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 138.8

Stand ID: 1

Product Group

Product

Trees

Basal Area

Volume 1

Species--Volume Table 1/2

PREMERCH PINE PRODUCTS

PINE PREMERCH

	#	Sqr Feet	
NATURAL SLASH PINE--/	17.9	0.04	0.0
NATURAL LOBLOLLY PINE--/	17.9	0.10	0.0
POND PINE--/	25.0	0.04	0.0
Total	60.7	0.18	0.0

NAT. PINE PRODUCTS

PULPWOOD

	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-2"/Defect	8.3	5.71	5.2
NATURAL LOBLOLLY PINE--GRP-79T20P12 R-2"/Defect	6.6	2.86	1.4
POND PINE--GRP-79T2P6 R-2"/Defect	10.8	4.29	2.6

CNS-TOTAL

	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-6"/Defect	6.2	3.57	2.8

PINE SAW

	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP79T0P7 R-8"/Defect	6.2	9.29	7.0
NATURAL LOBLOLLY PINE--GRP79T8P7 R-8"/Defect	0.8	0.71	0.4

Total	40.9	26.43	19.4
Stand Total	101.6	26.60	

GUANA
U23-MF

Stand: Topwood Volume, Per Acre
By Product Group

Stand Number: 1
Stand ID: 1

Area (acres): 139

Topwood Product Group	Volume	Volume 2
CNS TOTAL-TOPWOOD	0.4 Tons	0.0
SAW TOPWOOD	1.0 Tons	0.0
Stand Total	1.4 Tons	

GUANA
U23-SF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 33.7

Stand ID: 1

Product Group

Product

Species--Volume Table 1/2

Trees

Basal Area

Volume 1

PREMERCH PINE PRODUCTS

PINE PREMERCH

#

Sqr Feet

NATURAL SLASH PINE--/

37.5

0.00

0.0

Total

37.5

0.00

0.0

NAT. PINE PRODUCTS

PULPWOOD

#

Sqr Feet

Tons

NATURAL SLASH PINE--GRP-79T2P6 R-2*/Defect

2.7

2.50

1.7

Total

2.7

2.50

1.7

Stand Total

40.2

2.50

GUANA
U27B-MF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 86.0

Stand ID: 1

Product Group

Product

Trees

Basal Area

Volume 1

Species--Volume Table 1/2

PREMERCH PINE PRODUCTS

PINE PREMERCH

	#	Sqr Feet	
NATURAL SLASH PINE--/	166.7	0.91	0.0
NATURAL LOBLOLLY PINE--/	16.7	0.09	0.0
Total	183.3	1.00	0.0

NAT. PINE PRODUCTS

PULPWOOD

	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-2"/Defect	18.0	4.44	2.5
NATURAL LOBLOLLY PINE--GRP-79T28P12 R-2"/Defect	10.7	5.56	3.5

CNS-TOTAL

	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-6"/Defect	11.8	6.67	5.0

PINE SAW

	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP79T8P7 R-8"/Defect	10.0	11.11	6.7
Total	50.5	27.78	19.7

Stand Total 233.8 28.78

GUANA
U27B-MF

Stand: Topwood Volume, Per Acre
By Product Group

Stand Number: 1 Area (acres): 86
Stand ID: 1

Topwood Product Group	Volume	Volume 2
CNS TOTAL-TOPWOOD	0.8 Tons	0.0
SAW TOPWOOD	1.0 Tons	0.0
Stand Total	1.8 Tons	

GUANA
U31-MF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 128.3

Stand ID: 1

Product Group

Product

Trees

Basal Area

Volume 1

Species--Volume Table 1/2

PREMERCH PINE PRODUCTS

PINE PREMERCH

	#	Sqr Feet	
NATURAL SLASH PINE--/	23.1	0.59	0.0
NATURAL LOBLOLLY PINE--/	11.5	0.06	0.0
Total	34.6	0.65	0.0

NAT. PINE PRODUCTS

PULPWOOD

	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-2"/Defect	8.9	3.08	1.8
NATURAL LOBLOLLY PINE--GRP-79T28P12 R-2"/Defect	24.6	14.62	8.0

CNS-TOTAL

	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-6"/Defect	5.4	3.08	1.9
NATURAL LOBLOLLY PINE--PMRC-0402TF-6"DOB/Defect	2.8	1.54	0.8

PINE SAW

	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP79T8P7 R-8"/Defect	4.7	4.62	3.2
NATURAL LOBLOLLY PINE--GRP79T8P7 R-8"/Defect	0.7	0.77	0.6

Total	47.2	27.69	16.3
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Stand Total 81.8 28.34

GUANA
U31-MF

Stand: Topwood Volume, Per Acre
By Product Group

Stand Number: 1 Area (acres): 128
Stand ID: 1

Topwood Product Group	Volume	Volume 2
CNS TOTAL-TOPWOOD	0.5 Tons	0.0
SAW TOPWOOD	0.6 Tons	0.0
Stand Total	1.1 Tons	

GUANA
U31-SF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 23.3

Stand ID: 1

Product Group
Product

Species--Volume Table 1/2

NAT. PINE PRODUCTS

PULPWOOD

NATURAL LOBLOLLY PINE--GRP-79T26P12 R-2'/Defect

Total

Stand Total

Trees **Basal Area** **Volume 1**

*Sqr Feet* *Tons*

3.6 3.33 1.8

3.6 **3.33** **1.8**

3.6 **3.33** **1.8**

107.6
U33-MF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 107.6

Stand ID: 1

Product Group

Product

Species--Volume Table 1/2

Trees

Basal Area

Volume 1

PREMERCH PINE PRODUCTS

PINE PREMERCH

#

Sqr Feet

NATURAL LOBLOLLY PINE--/

10.0

0.05

0.0

Total

10.0

0.05

0.0

NAT. PINE PRODUCTS

PULPWOOD

#

Sqr Feet

Tons

NATURAL LOBLOLLY PINE--GRP-79T28P12 R-2"/Defect

86.6

38.00

21.9

CNS-TOTAL

#

Sqr Feet

Tons

NATURAL SLASH PINE--GRP-79T2P6 R-6"/Defect

1.8

1.00

0.6

PINE SAW

#

Sqr Feet

Tons

NATURAL SLASH PINE--GRP79T8P7 R-8"/Defect

4.3

4.00

2.8

Total

92.7

43.00

25.3

Stand Total

102.7

43.05

GUANA
U33-SF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 30.6

Stand ID: 1

Product Group

Product

Species--Volume Table 1/2

	# Trees	Basal Area	Volume 1
NAT. PINE PRODUCTS			
PULPWOOD	<i>#</i>	<i>Sqr Feet</i>	<i>Tons</i>
NATURAL LOBLOLLY PINE--GRP-79T28P12 R-2"/Defect	6.1	3.33	1.7
PINE SAW	<i>#</i>	<i>Sqr Feet</i>	<i>Tons</i>
NATURAL SLASH PINE--GRP79T8P7 R-8"/Defect	10.5	10.00	7.4
Total	16.6	13.33	9.1
Stand Total	16.6	13.33	9.1

GUANA
U33-SF

Stand: Topwood Volume, Per Acre
By Product Group

Stand Number: 1	Area (acres): 31	
Stand ID: 1		
Topwood Product Group	Volume	Volume 2
SAW TOPWOOD	1.1 Tons	0.0
Stand Total	1.1 Tons	

GUANA
U35-MF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 110.9

Stand ID: 1

Product Group

Product

Species--Volume Table 1/2

	# Trees	Basal Area	Volume 1
PREMERCH PINE PRODUCTS			
PINE PREMERCH	#	Sqr Feet	
NATURAL LOBLOLLY PINE--/	95.5	1.09	0.0
Total	95.5	1.09	0.0
NAT. PINE PRODUCTS			
PULPWOOD	#	Sqr Feet	Tons
NATURAL LOBLOLLY PINE--GRP-79T28P12 R-2"/Defect	38.6	17.27	10.4
CNS-TOTAL	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP-79T2P6 R-6"/Defect	2.1	0.91	0.6
NATURAL LOBLOLLY PINE--PMRC-0402TF-6"DOB/Defect	3.0	1.82	1.1
PINE SAW	#	Sqr Feet	Tons
NATURAL SLASH PINE--GRP79T8P7 R-8"/Defect	1.8	1.82	1.2
NATURAL LOBLOLLY PINE--GRP79T8P7 R-8"/Defect	5.3	5.45	3.6
Total	50.8	27.27	17.1
Stand Total	146.3	28.36	

GUANA
U35-MF

Stand: Topwood Volume, Per Acre
By Product Group

Stand Number: 1
Stand ID: 1

Area (acres): 111

Topwood Product Group	Volume	Volume 2
CNS TOTAL-TOPWOOD	0.4 Tons	0.0
SAW TOPWOOD	0.8 Tons	0.0
Stand Total	1.2 Tons	

GUANA
U50-MF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 28.4

Stand ID: 1

Product Group

Product

Trees

Basal Area

Volume 1

Species--Volume Table 1/2

PREMERCH PINE PRODUCTS

PINE PREMERCH

#

Sqr Feet

NATURAL SLASH PINE-/

25.0

0.14

0.0

Total

25.0

0.14

0.0

Stand Total

25.0

0.14

GUANA
U55-MF

Stand: # Trees, Basal Area, Volume 1 Per Acre
By Product and Species

Stand Number: 1

Area (acres): 50.3

Stand ID: 1

Product Group

Product

Species--Volume Table 1/2

Trees

Basal Area

Volume 1

PREMERCH PINE PRODUCTS

PINE PREMERCH

Sqr Feet

NATURAL SLASH PINE--/

50.0

0.27

0.0

Total

50.0

0.27

0.0

NAT. PINE PRODUCTS

PULPWOOD

Sqr Feet

Tons

NATURAL SLASH PINE--GRP-79T2P6 R-2"/Defect

3.1

1.67

1.3

NATURAL LOBLOLLY PINE--GRP-79T20P12 R-2"/Defect

2.5

1.67

1.1

CNS-TOTAL

#

Sqr Feet

Tons

NATURAL SLASH PINE--GRP-79T2P6 R-6"/Defect

3.8

1.67

1.0

PINE SAW

#

Sqr Feet

Tons

NATURAL SLASH PINE--GRP79T8P7 R-8"/Defect

12.1

16.67

14.6

NATURAL LOBLOLLY PINE--GRP79T8P7 R-8"/Defect

1.2

1.67

1.7

Total

22.6

23.33

19.8

Stand Total

72.6

23.61

GUANA
U55-MF

Stand: Topwood Volume, Per Acre
By Product Group

Stand Number: 1 Area (acres): 50
Stand ID: 1

Topwood Product Group	Volume	Volume 2
CNS TOTAL-TOPWOOD	0.3 Tons	0.0
SAW TOPWOOD	1.2 Tons	0.0
Stand Total	1.5 Tons	

**GUANA
ALL PLOTS**

**Tree Tally 1
by Point Number
5/21/12**

Point Number: 159 Point ID: 159			Stand Number: 1 Stand ID: 1				Method: 1				Origin File: GUA_INVEN_CM.mdb				
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	9.0	1					54.0						159
2	01	02	9.0	1					55.0						159
3	01	01	14.0	1					51.0						159

Point Number: 160 Point ID: 160			Stand Number: 1 Stand ID: 1				Method: 1				Origin File: GUA_INVEN_CM.mdb				
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	07	13.0	1		15									160
2	03	01	13.0	1					46.0						160
3	03	01	12.0	1					44.0						160
4	03	01	12.0	1					44.0						160
5	03	01	8.0	1					31.0						160
6	03	01	12.0	1					44.0						160
7	01	07	12.0	1		20									160

Point Number: 161 Point ID: 161			Stand Number: 1 Stand ID: 1				Method: 1				Origin File: GUA_INVEN_CM.mdb				
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	12.0	1					38.0						161
2	03	01	10.0	1					39.0						161
3	03	01	10.0	1					37.0						161

Point Number: 162 Point ID: 162			Stand Number: 1 Stand ID: 1				Method: 1				Origin File: GUA_INVEN_CM.mdb				
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	10.0	1					34.0						162
2	03	07	13.0	1		15			58.0						162
3	03	01	11.0	1					47.0						162
4	03	01	11.0	1					46.0						162

**GUANA
ALL PLOTS**

**Tree Tally 1
by Point Number**

5/21/12

Point Number: 163 Point ID: 163		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: G-INVEN-NL.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	13.0	1		15			85.0						163
2	01	07	16.0	1		20			67.0						163
3	01	02	11.0	1					62.0						163
4	01	19		2					1.0						163
5	01	19	1.0	2					6.0						163

Point Number: 164 Point ID: 164		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: G-INVEN-NL.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	10	01	15.0	1					55.0						164
2	10	01	6.0	1					32.0						164
3	10	01	9.0	1					36.0						164
4	10	19		1					1.0						164
5	10	19		1					3.0						164

Point Number: 165 Point ID: 165		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	07	13.0	1		15			55.0						165
2	03	01	12.0	1					57.0						165
3	03	19	1.0	1					1.0						165
4	03	19	1.0	1					1.0						165
5	03	19	1.0	1					1.0						165
6	03	19	1.0	1					2.0						165
7	03	19	1.0	1					1.0						165

Point Number: 166 Point ID: 166		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	8.0	1					34.0						166
2	03	01	8.0	1					39.0						166

**GUANA
ALL PLOTS**

**Tree Tally 1
by Point Number
5/21/12**

Point Number: 167 Point ID: 167		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	9.0	1					32.0						167

Point Number: 168 Point ID: 168		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: G-INVEN-NL.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	13.0	1		20			69.0						168
2	01	07	12.0	1		20			66.0						168
3	01	01	19.0	1					63.0						168
4	01	01	18.0	1					60.0						168

Point Number: 169 Point ID: 169		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	13.0	1		15			57.0						169

Point Number: 170 Point ID: 170		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	11.0	1					67.0						170
2	01	02	9.0	1					64.0						170
3	01	02	10.0	1					65.0						170
4	01	01	8.0	1					82.0						170

Point Number: 171 Point ID: 171		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: G-INVEN-NL.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	10	01	10.0	1					53.0						171
2	01	19		1					1.0						171
3	10	19		1					4.0						171
4	10	19		2					2.0						171
5	10	19	1.0	1					6.0						171

**GUANA
ALL PLOTS**

**Tree Tally 1
by Point Number**

5/21/12

Point Number: 172 Point ID: 172		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: G-INVEN-NL.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	17.0	1		20			70.0						172
2	01	07	14.0	1		20			72.0						172
3	01	07	15.0	1		20			72.0						172
4	01	07	16.0	1		20			70.0						172

Point Number: 173 Point ID: 173		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: G-INVEN-NL.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	10	01	8.0	1					39.0						173
2	10	01	9.0	1					39.0						173
3	10	19	1.0	1					5.0						173

Point Number: 174 Point ID: 174		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: G-INVEN-NL.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	11.0	1					64.0						174
2	01	07	16.0	1		25			73.0						174
3	01	01	8.0	1					63.0						174
4	01	01	16.0	1					71.0						174
5	01	01	17.0	1					68.0						174
6	01	01	17.0	1					65.0						174
7	01	01	8.0	1					63.0						174
8	01	07	14.0	1		25			72.0						174
9	01	07	16.0	1		25			71.0						174

Point Number: 175 Point ID: 175		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: G-INVEN-NL.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	N														175

Point Number: 176 Point ID: 176		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: G-INVEN-NL.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	15.0	1		20			72.0						176

**GUANA
ALL PLOTS**

**Tree Tally 1
by Point Number
5/21/12**

Point Number: 177 Point ID: 177		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: G-INVEN-NL.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	10	01	8.0	1					40.0						177
2	01	01	8.0	1					49.0						177

Point Number: 178 Point ID: 178		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: G-INVEN-NL.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														178

Point Number: 179 Point ID: 179		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: G-INVEN-NL.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	13.0	1		20			70.0						179
2	01	19	1.0	2					5.0						179

Point Number: 180 Point ID: 180		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: G-INVEN-NL.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	10.0	1					74.0						180

Point Number: 181 Point ID: 181		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	12.0	1					47.0						181
2	03	01	12.0	1					53.0						181

**GUANA
ALL PLOTS**

**Tree Tally 1
by Point Number
5/21/12**

Point Number: 182 Stand Number: 1 Method: 1 Origin File:
Point ID: 182 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	11.0	1					77.0						182
2	01	02	11.0	1					61.0						182
3	01	07	18.0	1			25		72.0						182
4	01	07	12.0	1			25		74.0						182
5	01	07	12.0	1			20								182
6	01	07	13.0	1			25		75.0						182
7	03	01	11.0	1					58.0						182

Point Number: 193 Stand Number: 1 Method: 1 Origin File:
Point ID: 193 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	5.0	1					35.0						183
2	01	01	7.0	1					41.0						183
3	01	01	9.0	1					44.0						183
4	01	01	8.0	1					37.0						183
5	01	02	11.0	1					45.0						183
6	01	19	1.0	1					4.0						183
7	01	19	1.0	1					6.0						183

Point Number: 184 Stand Number: 1 Method: 1 Origin File:
Point ID: 184 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	02	9.0	1					63.0						184
2	01	07	12.0	1			20		87.0						184
3	01	02	11.0	1					64.0						184
4	01	07	13.0	1			20		62.0						184
5	01	02	9.0	1					63.0						184

Point Number: 185 Stand Number: 1 Method: 1 Origin File:
Point ID: 185 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	10.0	1					48.0						185
2	03	01	7.0	1					45.0						185

**GUANA
ALL PLOTS**

**Tree Tally 1
by Point Number
5/21/12**

Point Number: 186		Stand Number: 1		Method: 1		Origin File:									
Point ID: 186		Stand ID: 1				GUA_INVEN_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	N														186

Point Number: 187		Stand Number: 1		Method: 1		Origin File:									
Point ID: 187		Stand ID: 1				GUA_INVEN_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	19.0	1		20		56.0							187
2	01	07	17.0	1		20		61.0							187
3	01	07	20.0	1		20		57.0							187
4	01	07	16.0	1		20		62.0							187

Point Number: 198		Stand Number: 1		Method: 1		Origin File:									
Point ID: 198		Stand ID: 1				GUA_INVEN_CM.mdb									
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	19	1.0	1				3.0							188
2	03	19	1.0	1				2.0							188
3	03	19	1.0	1				1.0							188

**GUANA
ALL PLOTS**

**Tree Tally 1
by Point Number
5/21/12**

Point Number: 189 Point ID: 189		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: GUA_INVEN_CM.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	19	1.0	1					5.0						189
2	01	19	1.0	1					2.0						189
3	01	19	1.0	1					2.0						189
4	01	19	1.0	1					4.0						189
5	01	19	1.0	1					3.0						189
6	01	19	1.0	1					3.0						189
7	01	19	1.0	1					5.0						189
8	01	19	1.0	1					5.0						189
9	01	19	1.0	1					4.0						189
10	01	19	1.0	1					4.0						189
11	01	19	1.0	1					2.0						189
12	01	19	1.0	1					2.0						189
13	01	19	1.0	1					3.0						189
14	01	19	1.0	1					3.0						189
15	01	19	1.0	1					4.0						189
16	01	19	1.0	1					6.0						189
17	01	19	1.0	1					6.0						189
18	01	19	1.0	1					4.0						189
19	01	19	1.0	1					3.0						189
20	01	19	1.0	1					2.0						189
21	01	19	1.0	1					2.0						189
22	01	19	1.0	1					2.0						189
23	01	19	1.0	1					5.0						189
24	01	19	1.0	1					5.0						189
25	01	19	1.0	1					6.0						189
26	01	19	1.0	1					6.0						189
27	01	19	1.0	1					6.0						189
28	01	19	1.0	1					1.0						189

Point Number: 190 Point ID: 190		Stand Number: 1 Stand ID: 1				Method: 1		Origin File: GUA_INVEN_CM.mdb							
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	14.0	1			20		59.0						190
2	01	02	10.0	1					55.0						190

**GUANA
ALL PLOTS**

**Tree Tally 1
by Point Number
5/21/12**

Point Number: 191 Point ID: 191		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	17.0	1					50.0						191
2	03	01	12.0	1					48.0						191
3	03	01	10.0	1					40.0						191
4	03	01	14.0	1					51.0						191
5	03	01	8.0	1					34.0						191

Point Number: 192 Point ID: 192		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	13.0	1					50.0						192
2	03	01	11.0	1					49.0						192
3	03	01	12.0	1					48.0						192
4	03	01	14.0	1					50.0						192

Point Number: 193 Point ID: 193		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	12.0	1					44.0						193

Point Number: 194 Point ID: 194		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	7.0	1					28.0						194
2	03	01	10.0	1					41.0						194

Point Number: 195 Point ID: 195		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	10.0	1					42.0						195
2	03	19	1.0	1					2.0						195
3	03	19	1.0	1					2.0						195
4	03	19	1.0	1					1.0						195

**GUANA
ALL PLOTS**

**Tree Tally 1
by Point Number**

5/21/12

Point Number: 196 Point ID: 196		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	02	10.0	1					54.0						196
2	03	02	10.0	1					52.0						196
3	03	01	10.0	1					47.0						196

Point Number: 197 Point ID: 197		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	10.0	1					45.0						197
2	01	02	10.0	1					51.0						197
3	01	07	14.0	1			20		66.0						197
4	01	07	13.0	1			20		67.0						197

Point Number: 198 Point ID: 198		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	10.0	1					39.0						198
2	03	01	10.0	1					41.0						198
3	01	01	7.0	1					37.0						198
4	01	01	7.0	1					38.0						198

Point Number: 199 Point ID: 199		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	11.0	1					46.0						199

Point Number: 200 Point ID: 200		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	9.0	1					37.0						200
2	03	01	13.0	1					47.0						200
3	03	07	14.0	1			20		52.0						200

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**Tree Tally 1
by Point Number
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Point Number: 201 Point ID: 201		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	12.0	1		15			47.0						201
2	01	02	11.0	1					48.0						201
3	01	02	10.0	1					51.0						201
4	01	07	12.0	1		15			50.0						201
5	01	07	17.0	1		20			56.0						201

Point Number: 202 Point ID: 202		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	8.0	1					43.0						202
2	01	19	3.0	1					17.0						202
3	01	19	3.0	1					18.0						202
4	01	19	1.0	1					5.0						202
5	01	19	1.0	1					7.0						202
6	01	19	2.0	1					13.0						202
7	01	19	2.0	1					12.0						202

Point Number: 203 Point ID: 203		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	8.0	1					54.0						203
2	03	01	9.0	1					49.0						203
3	03	01	11.0	1					50.0						203
4	03	01	10.0	1					48.0						203

Point Number: 204 Point ID: 204		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	12.0	1					48.0						204
2	03	01	12.0	1					51.0						204
3	03	01	11.0	1					47.0						204
4	03	01	11.0	1					53.0						204
5	03	01	10.0	1					48.0						204
6	03	01	12.0	1					53.0						204
7	03	19	1.0	1					1.0						204

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**Tree Tally 1
by Point Number**

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Point Number: 205 Point ID: 205		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	12.0	1					57.0						205
2	03	01	7.0	1					52.0						205
3	03	01	7.0	1					40.0						205
4	03	01	10.0	1					54.0						205
5	03	01	9.0	1					53.0						205
6	03	01	12.0	1					50.0						205
7	03	01	11.0	1					55.0						205
8	03	01	10.0	1					47.0						205
9	03	01	8.0	1					54.0						205
10	03	19	1.0	1					1.0						205

Point Number: 206 Point ID: 206		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	9.0	1					33.0						206
2	03	01	12.0	1					48.0						206
3	03	01	10.0	1					45.0						206
4	03	01	10.0	1					47.0						206

Point Number: 207 Point ID: 207		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	8.0	1					40.0						207
2	03	01	9.0	1					42.0						207
3	03	01	12.0	1					47.0						207
4	03	01	10.0	1					44.0						207

Point Number: 208 Point ID: 208		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	10.0	1					42.0						208
2	01	02	10.0	1					51.0						208

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**Tree Tally 1
by Point Number
5/21/12**

Point Number: 209 Point ID: 209		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	13.0	1		15			51.0						209
2	03	01	11.0	1					46.0						209
3	03	01	7.0	1					37.0						209

Point Number: 210 Point ID: 210		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	N														210

Point Number: 211 Point ID: 211		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	9.0	1					47.0						211
2	03	01	4.0	1					28.0						211
3	03	01	6.0	1					27.0						211

Point Number: 212 Point ID: 212		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	13.0	1					42.0						212
2	03	01	11.0	1					44.0						212
3	03	01	11.0	1					48.0						212
4	03	01	10.0	1					41.0						212
5	01	07	12.0	1		20			58.0						212
6	01	07	15.0	1		20			60.0						212
7	01	07	13.0	1		20			57.0						212
8	03	01	10.0	1					47.0						212

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**Tree Tally 1
by Point Number
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Point Number: 214 Stand Number: 1 Method: 1 Origin File:
Point ID: 214 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	14.0	1					45.0						214
2	03	01	9.0	1					37.0						214
3	03	01	7.0	1					29.0						214
4	03	01	5.0	1					22.0						214
5	03	19	1.0	1					5.0						214
6	03	19	1.0	1					3.0						214
7	03	19	1.0	1					2.0						214

Point Number: 215 Stand Number: 1 Method: 1 Origin File:
Point ID: 215 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	07	15.0	1		20			64.0						215
2	03	07	13.0	1		20			65.0						215
3	03	07	14.0	1		20			64.0						215
4	03	01	11.0	1					51.0						215
5	03	07	13.0	1		15			58.0						215
6	03	01	13.0	1					60.0						215
7	03	07	15.0	1		20			67.0						215

Point Number: 216 Stand Number: 1 Method: 1 Origin File:
Point ID: 216 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	10.0	1					54.0						216
2	03	01	8.0	1					53.0						216
3	03	01	9.0	1					47.0						216
4	01	07	13.0	1		15			61.0						216
5	03	01	10.0	1					48.0						216

Point Number: 217 Stand Number: 1 Method: 1 Origin File:
Point ID: 217 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	11.0	1					56.0						217
2	03	19	1.0	1					1.0						217
3	03	19	1.0	1					1.0						217
4	03	19	1.0	1					1.0						217

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**Tree Tally 1
by Point Number**

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Point Number: 218 Point ID: 218		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	11.0	1					56.0						218
2	03	01	9.0	1					49.0						218
3	03	01	7.0	1					52.0						218
4	01	07	14.0	1		20			64.0						218
5	03	01	8.0	1					46.0						218

Point Number: 219 Point ID: 219		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	16.0	1					59.0						219
2	03	01	13.0	1					45.0						219
3	01	02	9.0	1					61.0						219

Point Number: 220 Point ID: 220		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	19	4.0	1					13.0						220
2	03	19	1.0	1					1.0						220
3	03	19	1.0	1					2.0						220
4	03	19	1.0	1					3.0						220
5	03	19	3.0	1					7.0						220
6	03	19	1.0	1					3.0						220
7	03	19	1.0	1					3.0						220
8	03	19	1.0	1					3.0						220
9	03	19	1.0	1					2.0						220
10	03	19	1.0	1					4.0						220
11	03	19	1.0	1					3.0						220
12	03	19	1.0	1					1.0						220
13	03	19	1.0	1					2.0						220
14	03	19	1.0	1					3.0						220
15	03	19	1.0	1					1.0						220

Point Number: 221 Point ID: 221		Stand Number: 1 Stand ID: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	N														221

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**Tree Tally 1
by Point Number
5/21/12**

Point Number: 222		Stand Number: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Point ID: 222		Stand ID: 1													
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	10.0	1					41.0						222

Point Number: 223		Stand Number: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Point ID: 223		Stand ID: 1													
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	03	02	11.0	1					58.0						223
2	03	01	12.0	1					60.0						223
3	03	02	10.0	1					57.0						223
4	03	07	13.0	1		15			63.0						223

Point Number: 225		Stand Number: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Point ID: 225		Stand ID: 1													
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	01	19	1.0	1					1.0						225
2	01	19	1.0	1					1.0						225

Point Number: 226		Stand Number: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Point ID: 226		Stand ID: 1													
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	01	19	1.0	1					3.0						226
2	01	19	1.0	1					2.0						226
3	01	19	1.0	1					3.0						226
4	01	19	1.0	1					3.0						226

Point Number: 227		Stand Number: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Point ID: 227		Stand ID: 1													
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														227

Point Number: 228		Stand Number: 1				Method: 1			Origin File: GUA_INVEN_CM.mdb						
Point ID: 228		Stand ID: 1													
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	Tht	Age	Growth	Note	Wildlife	XYZ	AD
1	01	01	10.0	1					57.0						228

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**Tree Tally 1
by Point Number
5/21/12**

Point Number: 229 Stand Number: 1 Method: 1 Origin File:
Point ID: 229 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														229

Point Number: 230 Stand Number: 1 Method: 1 Origin File:
Point ID: 230 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														230

Point Number: 231 Stand Number: 1 Method: 1 Origin File:
Point ID: 231 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														231

Point Number: 232 Stand Number: 1 Method: 1 Origin File:
Point ID: 232 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														232

Point Number: 233 Stand Number: 1 Method: 1 Origin File:
Point ID: 233 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														233

Point Number: 234 Stand Number: 1 Method: 1 Origin File:
Point ID: 234 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														234

Point Number: 235 Stand Number: 1 Method: 1 Origin File:
Point ID: 235 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														235

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**Tree Tally 1
by Point Number
5/21/12**

Point Number: 236 Stand Number: 1 Method: 1 Origin File:
Point ID: 236 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														236

Point Number: 237 Stand Number: 1 Method: 1 Origin File:
Point ID: 237 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														237

Point Number: 238 Stand Number: 1 Method: 1 Origin File:
Point ID: 238 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														238

Point Number: 239 Stand Number: 1 Method: 1 Origin File:
Point ID: 239 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	19	1.0	1					5.0						239
2	01	19	1.0	1					1.0						239

Point Number: 240 Stand Number: 1 Method: 1 Origin File:
Point ID: 240 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	19	1.0	1					1.0						240

Point Number: 241 Stand Number: 1 Method: 1 Origin File:
Point ID: 241 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														241

Point Number: 242 Stand Number: 1 Method: 1 Origin File:
Point ID: 242 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHT	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														242

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**Tree Tally 1
by Point Number
5/21/12**

Point Number: 243 Stand Number: 1 Method: 1 Origin File:
Point ID: 243 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	10.0	1					42.0						243

Point Number: 244 Stand Number: 1 Method: 1 Origin File:
Point ID: 244 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	14.0	1		20			69.0						244
2	01	07	12.0	1		20			69.0						244
3	01	07	14.0	1		20			68.0						244

Point Number: 245 Stand Number: 1 Method: 1 Origin File:
Point ID: 245 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														245

Point Number: 246 Stand Number: 1 Method: 1 Origin File:
Point ID: 246 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	03	01	13.0	1					43.0						246

Point Number: 247 Stand Number: 1 Method: 1 Origin File:
Point ID: 247 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														247

Point Number: 248 Stand Number: 1 Method: 1 Origin File:
Point ID: 248 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														248

Point Number: 249 Stand Number: 1 Method: 1 Origin File:
Point ID: 249 Stand ID: 1 GUA_INVEN_CM.mdb

Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	.N														249

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**Tree Tally 1
by Point Number
5/21/12**

Point Number: 255 Point ID: 255			Stand Number: 1 Stand ID: 1				Method: 1		Origin File: GUA_INVEN_CM.mdb						
Tree #	Spp	Prd	DBH	TC	MP	MHt	Defect	FC	THt	Age	Growth	Note	Wildlife	XYZ	AD
1	01	07	20.0	1		30			86.0						255
2	03	07	16.0	1		30			81.0						255
3	01	02	9.0	1					57.0						255
4	01	07	17.0	1		30			72.0						255
5	01	07	12.0	1		15			53.0						255
6	01	07	12.0	1		30			82.0						255
7	03	01	11.0	1					53.0						255
8	01	07	15.0	1		25			80.0						255
9	01	07	22.0	1		15			69.0						255
11	01	07	18.0	1		25			84.0						255
12	01	07	17.0	1		20			70.0						255
13	01	07	18.0	1		30			80.0						255
14	01	07	17.0	1		30			81.0						255

GUANA RIVER WMA

NATURAL COMMUNITES - FLATWOODS AND SCRUBBY FLATWOODS

Information taken from the University of Florida's "Forest Ecology Website"

Flatwoods:

Pine flatwoods represent the most extensive type of terrestrial ecosystem in Florida, covering approximately 50% of the natural land area in the state. These low-lying pine forests were formed by changes in the sea level during glacial times. As sea levels increased vast expanses of flat land were flooded and thick layers of sand were deposited on the land. As the sea levels receded early pioneer species such as pine trees were able to establish in the sandy soil.

Flatwoods, also called pine flats or pine barrens, once covered much of the land in Florida and had such open understories that it was said you could drive a wagon through them. While today's pine flatwoods are less extensive and have more shrubby groundcover, they still cover vast land areas and play an important role in Florida's natural environment and economy. Many valuable products come from pine flatwoods. The trees are cut and used as timber or pulp to make paper products. The sap, resins, and cellulose from the trees are used in the production of many everyday items such as soap, cosmetics, perfume, shampoo, chewing gum, rayon, ice cream, varnish, and paint thinner.



General characteristics of pine flatwoods

Pine flatwoods are characterized by low, flat land; poorly-drained, sandy soils; an open overstory of pines; and frequent fires. While the availability of water varies with the local topography and seasonal rainfall the soil may stay wet for much of the year since the flatness of the land reduces water run-off. In low elevations the land may hold water for several months. At higher elevations, where the water table is deep, little or no surface water may be visible.

The high acid content of pine needles, along with limestone bedrock, makes the soils in flatwoods tend to be acidic. As plant matter decays and contributes nutrients to the sandy soil

an organic layer may develop. However, the open, porous nature of the sandy soil causes nutrients to leach out quickly resulting in poor quality soil. Although the soil is sandy there are frequently clay deposits below the surface that hold water and create small ponds.

The plants that grow in these ecosystems are limited to those that grow well in acid soil and adapt easily to drought and flood cycles. The density of the trees also affects the type of plants that grow in flatwoods since openings in the canopy allow sunlight to penetrate to the forest floor. An open canopy will let in more sunlight and facilitate the growth of shrubs and understory plants while a dense, closed canopy will limit the understory to smaller herbaceous plants and grasses.

Pine flatwoods form a natural gradient into scrub lands so some flatwoods appear to be more scrubby and less treed than others. Many plants that are common to both pine flatwoods and scrub habitats are found in the *ecotone*, or transition zone, between these two systems.

Flatwoods forests may be found southern, central, and northern Florida. Many of these areas are now used for pine plantations or livestock grazing.

The role of fire in pine flatwoods

Pine flatwoods are called a fire-dependent ecosystem since they require regular burning to maintain an open plant community of pines, grasses, and herbs. These frequent fires control vegetation and prevent the forest from being overgrown. They also reduce competition from hardwood trees and other plants. If fire is suppressed for long periods of time herbaceous plants will be crowded out by larger, woody shrubs while oaks and palmettos will move in and begin to crowd out the pines. Eventually the ecosystem will grow into a hardwood hammock.

Some flatwoods plants are highly flammable so that fire can easily spread through the forest and maintain the open, park-like conditions. Some plants contain volatile oils that ignite easily in the presence of fire. Lightning causes many naturally-occurring fires in Florida, but humans also start many fires in the ecosystem. Fire is important in helping to break down vegetative matter and release the nutrients that it contains. Burning the leaf litter also releases acids into the soil and may stimulate nitrogen fixation in the soil.

Frequent fires are also important in helping many plants to germinate and flower. Plants that require the heat of fire to release their seeds are called *serotinous* species. Sand pine trees are an example. They hold their cones on the branches for many years until a hot fire causes the cones to open and release their seeds. Wiregrass plants will not bloom without the heat of a spring or summer fire.

Many of the plants in pine flatwoods have developed natural adaptations to survive the frequent fires. Longleaf pine and slash pine have thick bark to protect the trees from the excessive heat of fire. Young longleaf pines have a growth stage that is resistant to fire. These grass-stage plants have long, grass-like leaves that surround and protect the central bud which is covered with fuzzy hair. After a fire, when other competing plants have been

burned away, the buds open and the young longleaf pines shoot up quickly into small trees. Other species in these fire-prone habitats are able to resprout quickly after a burn from underground roots, stumps, or seeds.

Trees and Plants of pine flatwoods

Several vegetative communities are found in pine flatwoods. All share the same basic structure of an overstory of pines with an understory of shrubs or herbaceous plants and grasses. The species richness and diversity of these flatwoods varies with the geographic location. Flatwoods in the Apalachicola region have very low tree species richness but the north central flatwoods have relatively high species richness.

Historically, the dominant trees found in Florida pine flatwoods were longleaf pine (*Pinus palustris*). Most of the original longleaf forests have been cut down for land development and replaced by faster-growing slash pine (*Pinus elliottii*), which naturally occurred mainly around wet depressions in the flatwoods. Also frequently found in flatwoods are loblolly pine, on dryer sites and pond pine on wet sites. Often mixed in with the pines are a variety of hardwoods such as live oak, water oak, sweetgum, and ash.

Three main vegetative communities are common in Florida flatwoods. These include longleaf-wiregrass, slash pine-gallberry-palmetto, and pond pine-fetterbush-bay. Each of these community types has its own unique structure while sharing many species in common. A listing of the trees and plants associated with pine flatwoods appears below.

Also scattered throughout the flatwoods are low-lying 'ponds' that have standing water much longer than the surrounding flatwoods. Common plants in these 'cypress ponds' are pond cypress, red maple, buttonbush, swamp tupelo, loblolly bay, fetterbush, and poison ivy.

Wildlife in pine flatwoods

Pine flatwoods provide important habitat for many wildlife species. The understory shrubs and grasses are used for nesting, refuge, and forage. Overstory pines and hardwoods provide home sites for cavity-nesting and tree-nesting species as well as perches for hunting and foraging birds.

Pine flatwoods often have wet areas that are beneficial to many amphibians. There are between twenty and thirty species of reptiles and amphibians that may be found in these ecosystems. They include pinewoods tree frog, oak toad, eastern box turtle, Eastern diamondback and pygmy rattlesnakes, black racer, and pinewoods snake. Species of special concern that may be found in southern flatwoods are the Miami black-headed snake, mole snake, and striped newt. Indigo snakes, an endangered species, are also occasionally seen in pine flatwoods.

Mammals that use flatwoods are black bear, Florida panther, gray fox, white-tailed deer, fox squirrel, raccoon, cottontail rabbit, wild hogs, and armadillo. Several small rodents are also found in these habitats, including cotton rat and cotton mouse, least shrew and short-tailed

shrew. Not all species found in flatwoods are native to Florida. Some exotic species have established in pine flatwoods here. These include the black rat, house mouse, and greenhouse frog.

Pine flatwoods provide a year-round home for many birds. Others use the habitat while they are passing through during migration in spring and fall. Among the most common resident species are pine warblers, brown-headed nuthatch, Bachman's sparrow, great-horned owl, American kestrel, bald eagle, wild turkey, and bob-white quail. Red-cockaded woodpeckers, an endangered species, use certain types of older, flatwoods pines for nesting. They are partial to forests of old-growth longleaf, slash, or loblolly pines that are spaced openly.

Human impact of pine flatwoods

Pine flatwoods are the most human-influenced ecosystem type in Florida. There are two primary ways in which humans have affected flatwoods. The first way is by clearing and developing the land, because the flat topography in these areas makes good home sites, cropland, and pasture. Many thousands of acres of flatwoods have been cleared and developed for roads, railroads, agriculture, and other human uses. As these lands are developed flatwoods habitat is fragmented or eliminated in many areas. Numerous wildlife species may suffer from loss of habitat.

Humans have also affected pine flatwoods with their land management strategies. Resource management practices that focus solely on the production of timber, pulpwood, and other products may overlook the impact on the natural environment. However, through the use of Best Management Practices (*BMPs*) the natural integrity of these valuable ecosystems can be maintained. Extensive livestock grazing may also harm the environment if flatwoods pastures are not carefully managed. The heavy animals cause the soil to become compact and reduce water filtration through the soil. However, many examples across Florida demonstrate that livestock and open flatwoods ecosystems are compatible. Suppression of fire may cause changes in the structure and composition of natural flatwoods plant communities. These changes in turn affect the many wildlife species that depend on pine flatwoods.

Summary

Pine flatwoods represent a unique and valuable ecosystem type in Florida. In addition to the useful products that are made from the trees growing in flatwoods many species of wildlife benefit from the natural food resources and cover that flatwoods provide. Several threatened or endangered species of animals may be found in these ecosystems. Pine flatwoods are fire-dependent and rely on regular burning to maintain the open structure and composition of the original plant communities. These habitats have been altered or influenced by humans more than any other ecosystem type in the State.

Pine flatwoods are found scattered throughout Florida. They are especially common in flat, sandy central and northern regions of the state. The Apalachicola, Ocala, and Osceola National Forests are among the sites to visit in order to explore natural pine flatwoods.

Scrubby Flatwoods



Scrubby flatwoods occur on sites slightly higher and better drained than flatwoods, but lower than scrub or sand hills.

Vegetation

Trees:

- slash pine (*Pinus elliottii* var. *elliottii*)
- south Florida slash pine (*Pinus elliottii* var. *densa*)
- longleaf pine (*Pinus palustris*)

Shrubs

- scrub oak (*Quercus inopina*)
- Chapman oak (*Q. chapmani*)
- sand live oak (*Q. geminata*)
- saw palmetto (*Serenoa repens*)
- scrub palmetto (*Sabal etonia*)

See our Trees of Florida page for more information.

Soils

Soils of scrubby flatwoods are sufficiently well-drained so there is typically no standing water, even under wet conditions. Scrubby flatwoods represent an ecotone (a boundary between plant communities) between flatwoods and scrub habitats.