DIVISION OF FORESTRY

SOUTHEAST AREA 2417 Tongass Avenue, Suite 213 Ketchikan, Alaska 99901 Main: 907.225.3070

Fax: 907.247.3070

TIMBER SALE PROSPECTUS

Timber Sale: Vallenar Bay

SSE 1345-K

INTRODUCTION:

This Prospectus is intended to furnish sufficient information to enable prospective bidders to decide whether further investigation of the sale is warranted. Descriptions, estimates and other information within this Prospectus are not a part of the contract unless otherwise stated. Should the Prospectus be in error or contradict the sample contract, the sample contract governs. Prospective bidders are urged to examine the timber sale and to make their own estimates. Quantities and quality of timber in the contract are not guaranteed. The sale area and sample contract should be reviewed prior to submission of a bid.

The timber being offered for sale is on State Forest land managed by the Alaska Department of Natural Resources, Division of Forestry (DOF) and federal land managed by the USFS. The timber being sold is a mix of State and federal timber. The DOF is administering the sale of the federal timber under the Good Neighbor Agreement. The authority for the sale is Alaska Statutes, Title 38, Public Lands, Chapter 05, Alaska Land Act, Article 4, entitled "Disposal of Timber and Materials and under the authority of the Agricultural Act of 2014, Pub. L. 113-79, section 8206, 16 USC 2113A, (Good Neighbor Authority) and specified under the provisions of Master Good Neighbor Agreement #17-GN-11100100-004. (The CFDA for the agreement is 10.691)

LOCATION AND AREA:

The project area is on the north end of Gravina Island (See Attachment A). Vallenar Bay is approximately five miles west of the Ketchikan International Airport and is viewable on USGS quadrangle Ketchikan B-6. The road corridor and timber sale encompasses State, federal and Ketchikan Gateway Borough land in Sections 5, 6 and 8 of T75S, R90E; Sections 35 and 36 of T74S, R89 E; Sections 1, 2, 11, 12, 13, 14, 19, 23, 24 and 30 of T75S, R89E all within Copper River Meridian (CRM).

In this area, the Division of Forestry is offering ten clear-cut units composed of approximately 481 acres. The units are shown on the attached Sale Area Map, and are designated on the ground by the State with pink "timber harvest boundary" flagging. Federal units are additionally marked with orange paint and orange tags. Units 10 and 12 contain timber retention areas adjacent to Class III streams within the units; trees have been marked within these areas for retention with orange paint.

Acreage for the units is based on GPS traverses using a GIS grade receiver that was post processed.

The proposed sale is situated on uplands approximately 100 to 1,100 feet above sea level. The terrain is varied and generally less than 65% slopes. There are several units containing rock bluffs and steep hillsides with sections over 65%. The harvest units may be harvested using a combination of ground based systems (shovels) and cable logging systems. Several of the units are adjacent to an existing remote residential area; timber retention and yarding constraints have been designated on the ground and in the Forest Land Use Plan (FLUP) for these areas.

The FLUP can be accessed at:

https://aws.state.ak.us/OnlinePublicNotices/Notices/View.aspx?id=190951

The supporting USFS documents can be accessed at: https://www.fs.usda.gov/project/?project=51766

VOLUME AND DESCRIPTION OF TIMBER:

The timber being offered is a mix of old growth and approximately 65-year-old young growth timber. The timber sale was cruised in the fall of 2017 and summer of 2018 by the Division of Forestry using the Atterbury Cruise System. The sale information and volumes represented in this document and the reports are estimates only. "Merchantable saw log," is considered a No. 4 or better saw log. The minimum merchantable saw log dimensions for the purpose of this contract is 24 feet long plus trim, at least 6 inches in diameter inside the bark at the small end with at least 50% net scale according to the Official Rules of the Log Scaling & Grading Bureaus developed and authored by The Northwest Log Rules Advisory Group. The total estimated merchantable "timber" volume in this sale consists of approximately:

Ownership	Species/ Type	Volume (MBF) Net +Net
		Utility
USFS	Young Growth Sitka Spruce	2,225
USFS	Young Growth Hemlock	399
USFS	Red Alder	99
USFS	Small saw log and utility	112
State Forest	Young Growth Sitka Spruce	5,095
State Forest	Young Growth Hemlock	1,408
State Forest	Red Alder	344
State Forest	Old Growth Sitka Spruce	1,698
State Forest	Old Growth western hemlock	2,343
State Forest	Old Growth western red cedar	1,694
State Forest	Old Growth Alaska Yellow Cedar	31
State Forest	Small log and utility	863
All ownership	Total all types	16,310

^{*}MBF= one thousand board feet Scribner log scale.

The timber sale cruise report which contains the State's estimate of timber type, quantity, and quality for this sale, in addition to the sort and grade parameters which were applied during the cruise, is attached to this prospectus as Attachment B. Logs not meeting the sort parameters for a saw log sort have been represented in the pulp sort (small log and utility). Obvious standing culls were not cruised.

The areas listed in the FLUP for the harvest units were reduced by the estimated width of the cleared area associated with the existing road for the purpose of reporting in the cruise. Existing decked timber on the road within the sale area on State Forest land was not estimated in the cruise. The decked timber in these areas is considered part of the sale's potentially merchantable timber but has not been included in the table above.

The purchaser is required to yard all merchantable timber. Only merchantable saw logs of Sitka spruce, western hemlock, western red cedar and yellow cedar are required to be removed from the sale area. Merchantable timber not meeting the merchantable saw log requirements that is hauled off the sale area shall be accounted for in scale and paid for at the utility rate. The red alder saw log volume is an optional removal; if the Purchaser removes the red alder saw log volume from the sale area, it shall be scaled and paid for at the rate bid for the species.

ACCESS:

The sale is accessed by the newly constructed Vallenar Bay Road on Gravina Island. From the old Lewis Reef saw mill log transfer facility (LTF) also known as the Gravina Island Industrial Complex (GIIC) access to the sale area is approximately 4 miles along the Vallenar Bay Road to the start of the sale area. Access to the GIIC for general inspection is via the Ketchikan International Airport's ferry and the connecting road system. The existing Vallenar Bay Road accesses the majority of the sale area. Approximately 2.25 miles of new road is required to be constructed on State Forest land and 1.1 miles of FDR 8110 is needing to be reconstructed on USFS land. Closure of 3.6 miles of state and federal road is required. Maintenance to the Alaska Forest Practices Act and Regulations is required on all the roads used within the GIIC, the Vallenar Bay Road, FDR 8110, and all other constructed road associated with the commercial forest operations on this sale. Construction materials such as rock, timber and stockpiled culvert on State land shall only be used on State or federal land on Gravina. The development or expansion of rock sources for use on the timber sale requires preapproval of the DOF.

Road use agreements required by the USFS and the Ketchikan Gateway Borough (KGB) have been satisfied by the State. All other agreements that may be required are the responsibility of the Purchaser.

The DOF has a use agreement in place with the KGB manager of the GIIC for the permitted LTF. The GIIC use agreement associated with the LTF established the fair-market use fee for the facility and the general terms of use acceptable to the KGB and the DOF. Actual use of the facility by the Purchaser requires the Purchaser to obtain a separate permit, lease, or agreement with the KGB through the Airport Manager's office as well as ACOE and APDES permits required for operation. The Purchaser is responsible for payment of the LTF use fee to the KGB.

The use of facilities outside USFS, State forest land or the state road easement on Ketchikan Gateway Borough lands associated with this sale requires a signed use agreement, or permit, or lease as is appropriate by the authority prior to the DOF review of the operating plan and start of operations. Purchaser shall adhere to all stipulations contained within all state and Federal permits for the facility(s) and roads, provide the DOF with copies of all pertinent information necessary for required permit reporting, and cover the cost of all permit(s) related fees and expenses.

BIDDING:

This is a SEALED BID SALE. To qualify for bidding, all bidders must submit a copy of their current Alaska Business License with their sealed bid. Sealed Bids must be submitted on forms provided by the Division of Forestry, marked on the outside with the timber sale name and number, and addressed to the Southern Southeast Area Office, Alaska Division of Forestry, 2417 Tongass Avenue, Suite 213, Ketchikan, AK 99901. Sealed Bids will be accepted until the bid opening, at 2:00 P.M. prevailing time, September 24, 2018. Sealed bids may also be presented in person to the Southeast Area Forester, before the bid opening. All bids must be in the physical possession of the Southeast Area Forester before the bid opening. Bidders are responsible for assuring that their complete bid package is delivered on time.

The State reserves the right to reject any or all bids. Unless all bids are rejected, the State will award the sale to the responsible qualified bidder offering the highest total bid for the timber as determined by the State using the State's bid sheet. The bidder will submit prices per MBF. The bidder's submitted price per MBF times the Division of Forestry's estimate of timber volume will be the minimum that the Purchaser will pay for the timber in the sale area regardless of the quantity of timber removed. The basis of the bid is on the merchantable saw log volume of Sitka spruce, western hemlock, western red cedar, and yellow cedar. In the final accounting of the contract, the successful bidder will be responsible for payment of the actual timber harvested as it was scaled or the minimum bid price, whichever is greater. The minimum acceptable total bid price for the timber is \$3,217,708.00.

BIDS MUST BE SUBMITTED ON FORMS PROVIDED BY THE STATE AND CAN BE OBTAINED AT THE SOUTHEAST AREA OFFICE IN KETCHIKAN.

If a tie in the high sealed bid occurs, the successful bidder will be determined by lot at the time of bid opening.

If bidding as an agent for an individual, partnership, or corporation, the agent must submit with the bid a notarized power-of-attorney authorizing such agency. No agent may represent more than one principal, or bid in competition with the agent's principal.

BID GUARANTEE:

A deposit in the amount of 5% of the total bid will be required at the time bids are submitted. The successful bidder's deposit will be credited as the Advanced Stumpage Payment due to the

State. Deposits from unsuccessful bidders will be returned at the time the sale is awarded. The deposit furnished by the high bidder whose bid was declared acceptable will be retained as liquidated damages if the bidder does not sign the contract, and furnish a satisfactory performance bond within 30 days of receipt of the contract. The 5% bid deposit shall be in the form of certified check, cashier's check, money order, or any combination of these.

PERIOD OF CONTRACT:

All contract obligations shall be completed within three years from execution of the contract. In order to protect water, soil, or environmental quality, the State reserves the right to temporarily suspend operations.

BONDS:

A Performance Bond will be deposited with the State upon execution of this contract. The amount of the Performance Bond will be \$160,000.00.

The PURCHASER shall deposit the bond with the State either in the form of a cashier's check or money order made payable to the STATE or as a certificate of deposit with all rights except the interest assigned to the State. If the bond is in the form of cash or check the STATE shall place the Performance Bond in a separate State account and all interest on the Performance Deposit shall accrue to the benefit of STATE.

PAYMENT:

Subsequent payments will be based on a total monthly scale with stumpage payment due to the State prior to 15th of each month for the previous month's scale. The Advance Stumpage Payment will be applied to the last stumpage payment or combination of payments depending upon the Purchaser's current operation plan.

OTHER CONTRACT REQUIREMENTS AND STIPULATIONS:

The Purchaser will have 30 days from the receipt of the contract to sign, notarize, and return it to the Southeast Area Forester.

The old growth volumes harvested within this sale shall be 100% scaled. Second growth timber may be sample scaled using a method mutually acceptable to the DOF and the purchaser by which timber volume can be tracked and verified as to quantity and price. Volume harvested from Units 2, 10, 11,12,14, and 15 are to be considered second growth; all other units are considered old growth units for accounting of the timber sale volume.

Volume harvested from the sale shall be reported per the contract to meet State and Federal requirements as outlined in the sample contract.

Camp facilities associated with the timber sale are not allowed on State Forest or USFS land. A watchman's camp and maintenance area may be considered by the DOF with adequate

provisions for maintaining public safety and the intent of the management plan on State Forest land.

Wood waste from log processing associated with the processing of State or federal wood from Gravina Island at the GIIC LTF is authorized for disposal (subsequent to the approval of a site plan) on the downhill side of the rock pit on State Forest land at approximately Mile 3.5 of the Vallenar Bay Road.

Access to the sale area is adjacent to numerous private properties. All operations associated with the timber sale shall respect the existing uses in the area and accommodate incidental traffic when not at risk by the direct actions associated with the timber harvest. Public traffic may be discouraged by the PURCHASER from using the road during active hauling of equipment, rock, and logs. Traffic may only be discouraged on portions of the road directly affected by active operations. Closure of the road shall only be done with the authorization of the DOF.

The sale will require the construction, maintenance and closure of roads as identified above and in accordance with the contract.

OPERATING PLAN:

An Operating Plan is required to be submitted 2 weeks in advanced of the start of operations; within 5 business day after receipt, the plan will be reviewed by the State for compliance with appropriate management plans, the sale contract, and the State's best interest. The requirements of the Operating Plan are set out in the contract and will reflect the Purchaser's plans and operations at all times.

The Operating Plan must comply with the requirements of the Alaska Forest Resources and Practices Act (FRPA) under AS 41.17, the Alaska Land Act under AS 38.05, and 11 AAC 71.300. The Operating Plan must provide the STATE with sufficient information to allow the STATE to understand the Timber Operations, as they will occur in the field. The Operating Plan must include areas of concern identified by the PURCHASER, including any potential conflicts with FRPA, the FLUP or the EA.

PRIMARY MANUFACTURE:

Primary manufacture of logs from this sale is not required.

RESERVATIONS:

The State reserves the right to waive technical defects in this Prospectus and reject any and all bids and, unless all bids are rejected, the sale will be awarded to the responsible qualified bidder offering the highest bid. The State reserves the right to award the timber for the amount of the next highest bidder if the Director considers the highest bidder unqualified to fulfill the requirements of the contract, or if the contract is not executed by the highest bidder. The State also reserves the right to waive any informality in the bids received whenever the waiver is in the best interests of the State. The State will reject a bid containing or submitted with a condition or

qualification on or a material alteration of the terms as specified in the notice of sale, or which is not in accordance with the law.

DISCLAIMER:

This Prospectus is subject to the following disclaimers:

The information provided in the prospectus is only general background information. The bidder has full and unrestricted access to the sale area, and has the full and unlimited opportunity to closely inspect the property, timber access, infrastructure, and operating conditions and has evaluated options available for transporting logs, fuel, equipment and material; and the bidder is knowledgeable of timber and is relying solely upon its own expertise or that of its consultants.

The bidder assumes each, every and all risk with regard to the sale and purchase of timber from the DOF.

The bidder accepts full responsibility for determining stand characteristics, timber volume and species composition, harvest unit terrain, harvest system requirements and operational conditions as they pertain to the bidder's markets, needs, equipment and other resources.

The bidder may not rely in any manner upon any representation by the DOF or any of its employees or representatives outside the provisions of this prospectus or the terms and conditions of the draft contract, for any purpose, including the interpretation of any provision of the prospectus or compliance with the requirements of the prospectus. No amendment of this prospectus may be made orally.

The maps provided with this prospectus are approximate and no guarantee or warranty is made as to their accuracy. It is the bidder's responsibility to examine the sale area and take such other steps as may be necessary to ascertain the exact character and location of the sale area, the general and local conditions which can affect this project, and to satisfy itself as to quantities and quality of timber present.

The DOF believes the statements in this prospectus are substantially accurate. However, the DOF cannot and does not make any warranties or representations of any kind or character, expressed or implied, as to the availability, quantity, quality, harvestability, merchantability, fitness for a particular use or purpose, matters of title, physical conditions, availability of access, operating projections, valuations, governmental regulations, or any other matter concerning the timber offered here in for sale. The composition of the timber offered for sale is not warranted for grade, size, density defect, taper or any other stand or log component. The DOF will not be liable under any circumstances for any damages relating to the purchase or use of such timber or any infrastructure or for any special, consequential or incidental damages. The DOF will not be liable for and will not pay any costs incurred due to the rejection for any reason of any or all bids, cancelation of this bid, the successful bidder's failure to execute the Contract or any other reason, including fault of DOF or its representatives.

FEDERAL REQUIREMENTS:

This sale may be suspended or canceled if the Forest Service is required to interrupt or cancel operations due to court order or to comply with NEPA or other legal sanctions.

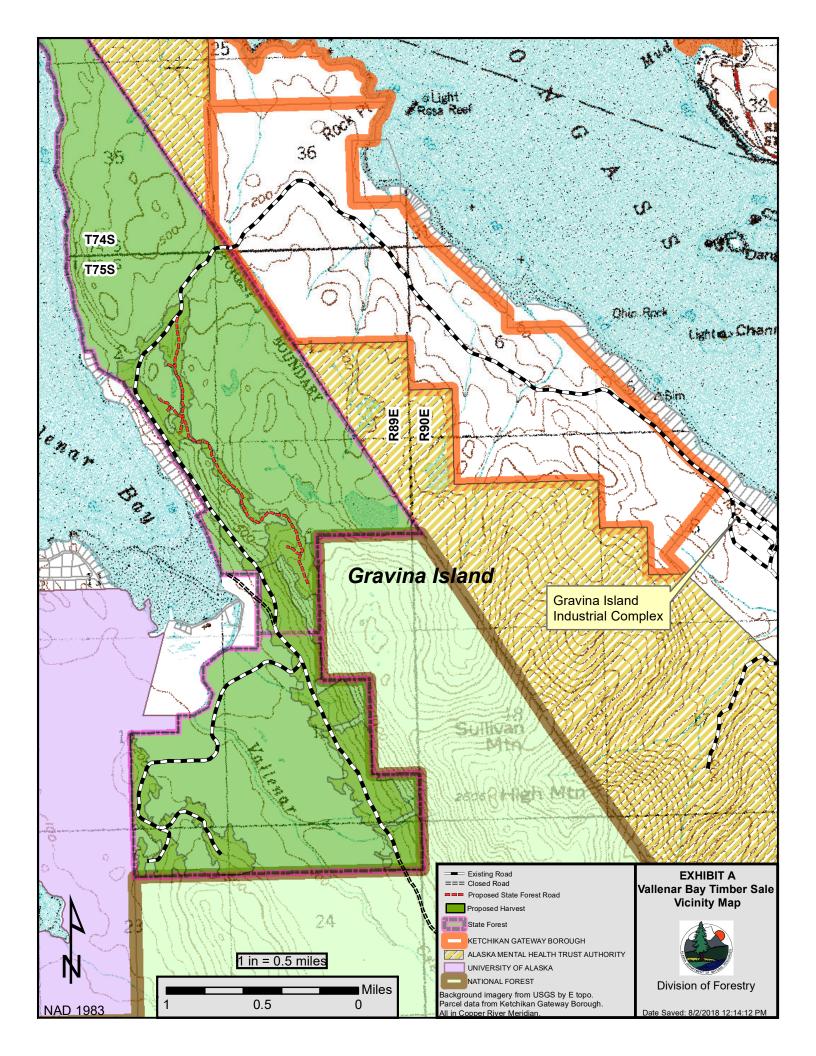
The purchaser and purchaser's subcontractors shall provide certification regarding debarment, suspension, ineligibility, and voluntary exclusion (AD-1048).

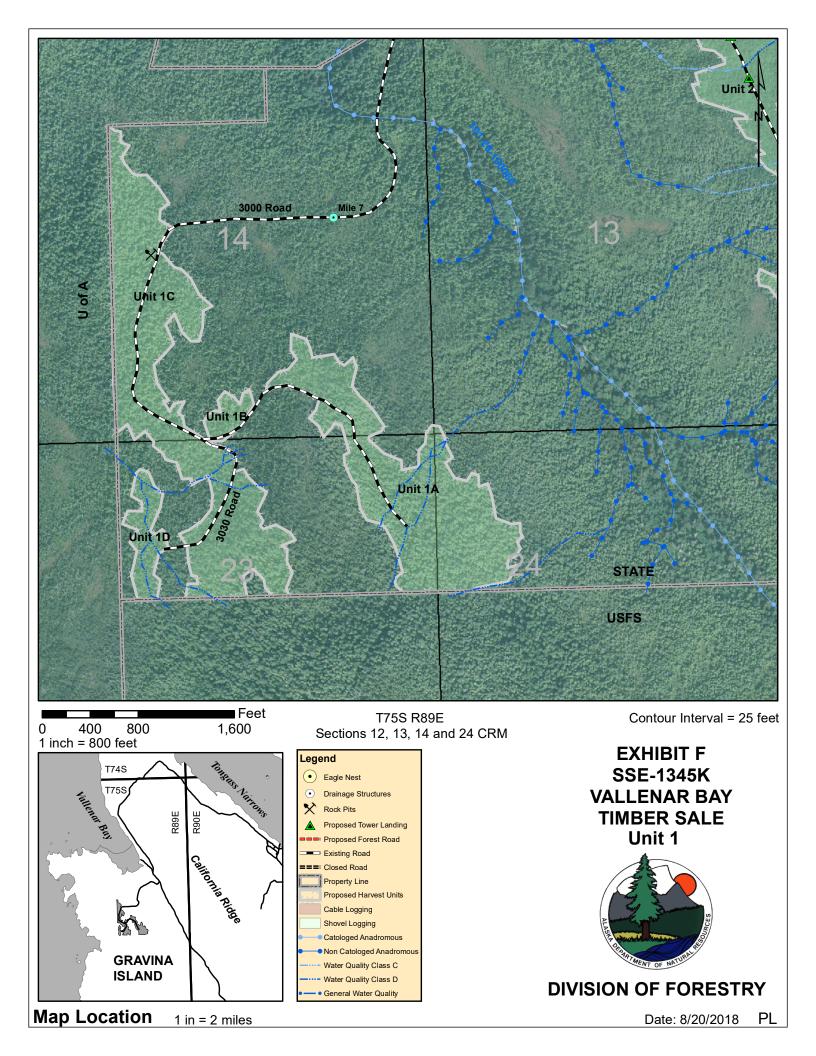
The State will not conduct business under this agreement with corporations or principals that have been convicted of a felony criminal violation under any Federal Law within the preceding 24 months and or have unpaid Federal tax liability. Corporations or their principles subject to this requirement shall provide the appropriate certifications.

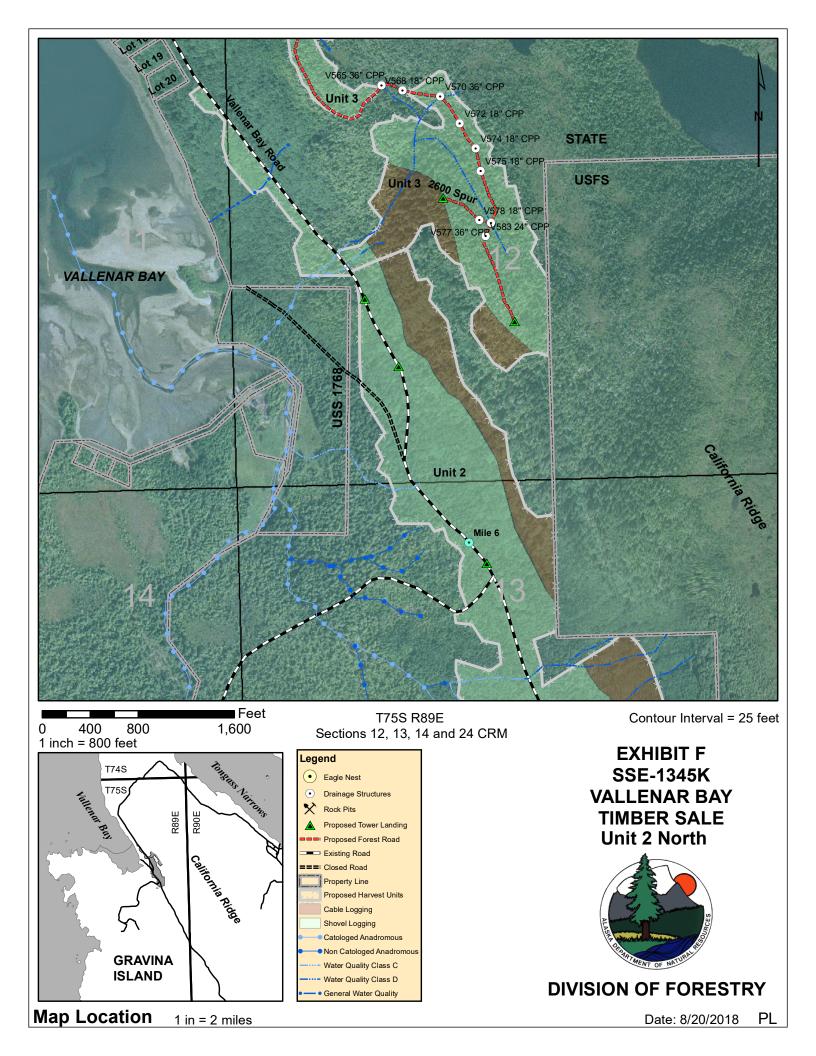
GENERAL:

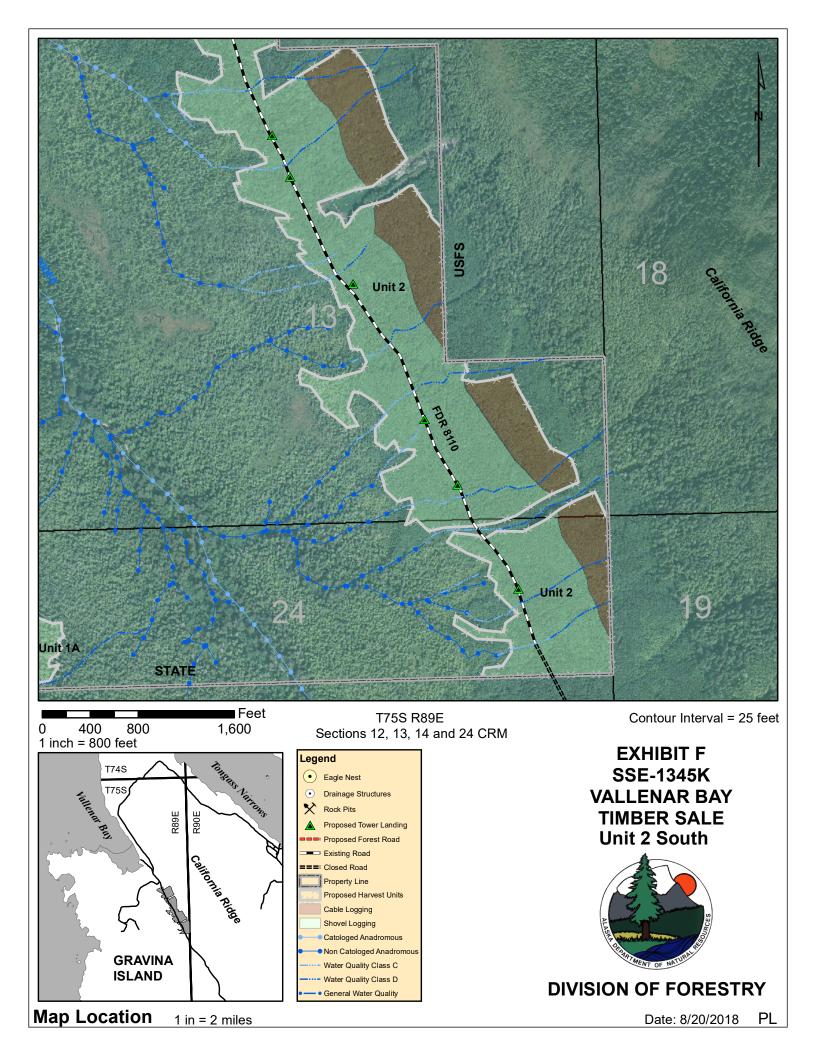
Further information, including copies of this Prospectus, Bid Form, Timber Sale Cruise, and a sample contract may be obtained by writing to Area Forester at the Southeast Area Office, Alaska Division of Forestry, 2417 Tongass Avenue, Suite 213, Ketchikan, AK 99901, or by calling (907) 225-3070. The information and documents may also be picked up in person by visiting the Southeast Area Office.

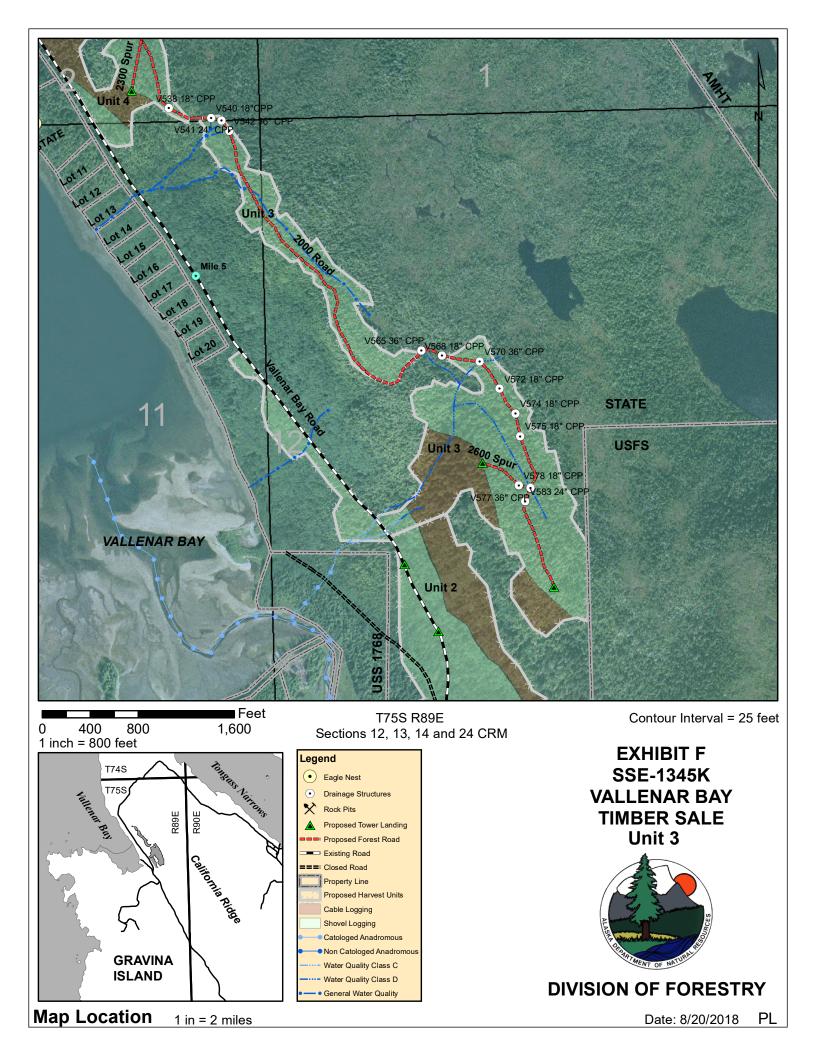
Attachment A
Vicinity Map 1 Page
Unit Maps 7 Pages

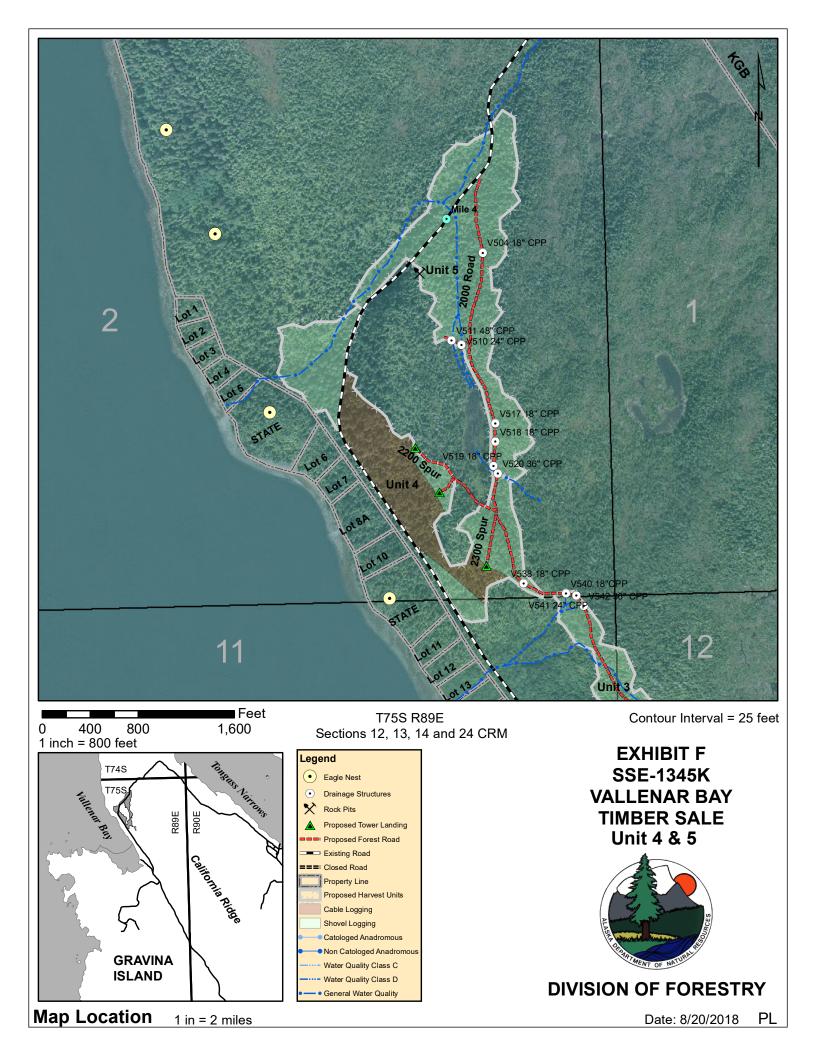


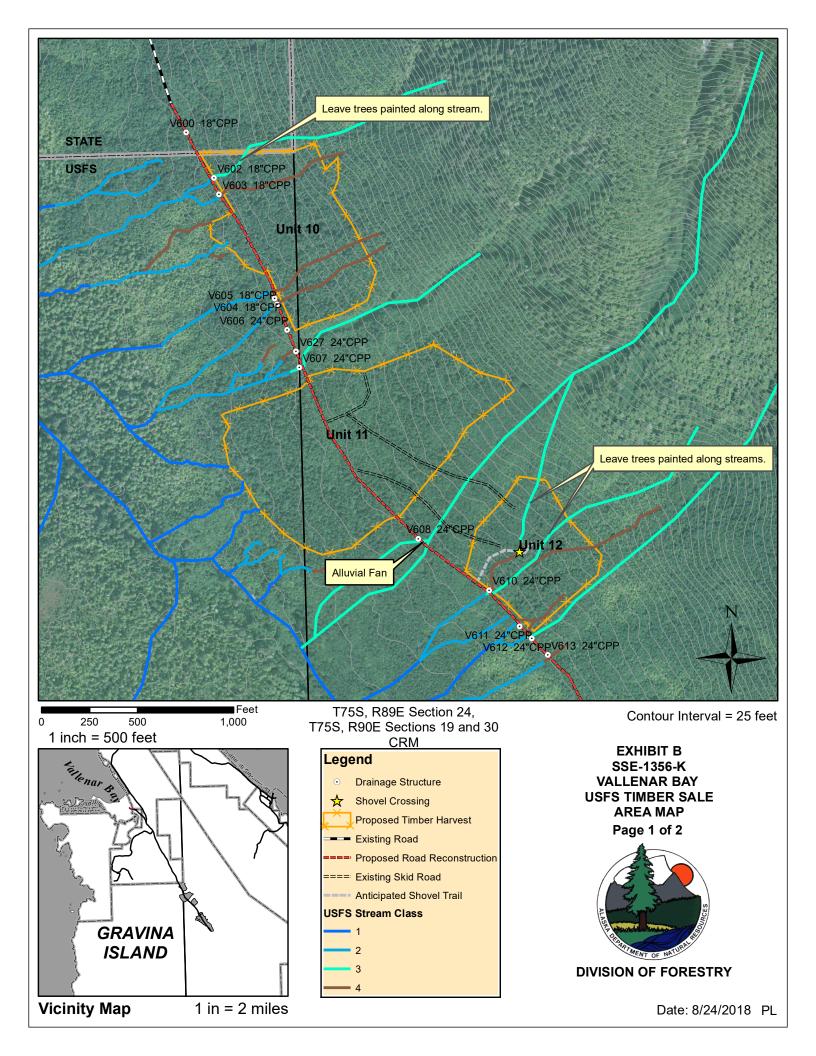


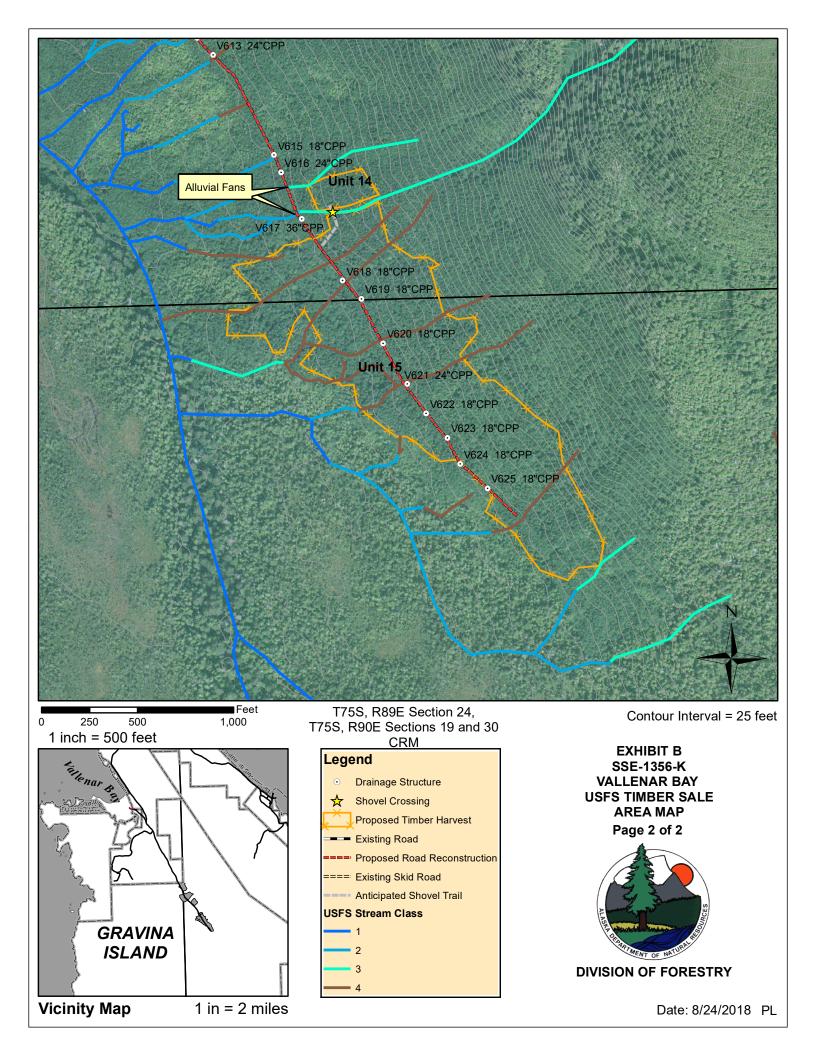












Attachment B Timber Cruise Reports



File Code

Date:

JUL 27 2018

Mr. Jim Eleazer Good Neighbor Agreement Project Manager State of Alaska, Division of Forestry 550 W. Seventh Ave, Suite 1450 Anchorage, AK 99501

Dear Mr. Eleazer,

I have received your request to export 100 % of the young growth timber included in the Vallenar project to be implemented under the Good Neighbor-Special Project Agreement (GNA) #18-GN-11100552-12, between the Tongass National Forest and the State of Alaska.

I concur with the projection that Vallenar will not produce a positive value timber sale if domestic processing is required. Although there are many uses for this particular resource, domestic markets in Alaska have not developed to the point where purchasers can profitably manufacture products from young growth timber. The successful completion of this GNA project will provide valuable knowledge of the profitable harvesting of young growth in various silvicultural prescriptions across the Tongass.

This letter serves as approval to appraise and offer the Vallenar GNA project with 100% export values for the included young growth timber. Upon award of the contract, the purchaser of the sale will be required to apply to me for an export permit that will be issued directly to the individual or company, as required by the Alaska Region's process for tracking and reporting timber harvested from National Forest lands.

Please contact Dave Harris, Director of Forest Management, with any questions pertaining to this process or the direction contained herein. Dave can be contacted by phone at 907-586-7875 or by email at dpharris@fs.fed.us.

Sincerely

DAVID E. SCHMID

Acting Regional Forester

cc: Jim Eleazer, Paul Slenkamp, Earl Stewart, Troy Heitheckerker, Susan Howle, Charles Streuli, Ted Sandhofer





Vallenar Bay Timber Sale Cruise Notes

August 24, 2018

DOF Vallenar Old Growth Timber Cruise

Sample Type/ Frequency

The units were cruised using an unbiased grid system with 5 x 2 chain spacing representing one acre per cruise plot in units 3, 4, and 5. A 3X3 chain spacing, yielding 0.9 acres per plot was used in unit 1. This combined layout produced 192 cruise plots over 206 acres. A variable plot cruise based on the Atterbury Cruise Program was used to manage the data. A basal area factor of 40 BAF was used to sample trees. Sample trees were determined in or out at 16 feet. Obvious cull trees were not recorded. This obtained an average of 4.3 trees per plot.

Min. Size/ Sorts/ Spec.

Only trees meeting minimum sawlog specifications were sampled. Diameters measuring under 10 inches at four feet above stump height where not recorded. Sorts were developed based on perceived industry markets. See attached ADNR-DOF Old Growth and Second Growth Sort Guidelines for Southeast Alaska. Log grades were determined using Official Log Scaling and Grading Rules. All log volumes were determined using the Scribner scale rules applied and accepted in the Southeast Alaska region. Logs not meeting DOF sawlog sorts were recorded as pulp logs with the minimum size being a #4 sawlog; utility logs (having 50% sound usable chips) were also recorded.

Acreage

Cruised acreage was determined using ArcGIS, based off points collected along the harvest unit line using a GIS grade GPS receiver that was restricted to sampling positions when theoretical post processed accuracy was calculated to be less than 10 feet. ArcGIS calculated there to be 216 acres. 10 Acres where subtracted from the GIS acreage to compensate for the existing cleared ROW of the road to produce 206 acres used in the Atterbury Cruise Program to determine project volumes.

Stratification

Due to variability across the proposed harvest area, acreage was stratified by timber type. Unit 1A was divided into two types: Cedar (Type 9901) and Large Cedar/Hemlock (Type 9902). Units 1B, 1C, and 1D all were stratified into the Cedar Type 9902. Unit 3 was stratified into two types: Hemlock (Type 9903) and Spruce/Hemlock (Type 9904). Type 9903 is generally above the slope break in Units 3, 4, and 5. It is comprised primarily of lower grade hemlock with cedar and spruce also present. Type 9904 primarily is the steep hill side in Unit 3 and 4. This type has a higher composition of large-diameter spruce with hemlock and some cedar present. All of Unit 5 was stratified into Type 9903.

Vallenar Cruise Notes Page 1of 3

DOF Vallenar Second Growth Timber Cruise

Sample Type/ Frequency

The proposed stand was cruised using an unbiased grid system with 5 x 2.5 chain spacing representing 1.25 acres per cruise plot. This layout produced 162 cruise plots over 202 acres. A variable plot cruise based on the Atterbury Cruise Program was used to manage the data. A basal area factor of 40 BAF was used to sample trees. Due to an error in communication one cruiser used 16 feet and the other used 4 feet above the projected stump height to determine sample trees. The Atterbury program accounted for this difference in sample method. All trees were measured, no count plots were taken. Obvious cull trees were not recorded. This obtained an average of 5.6 trees per plot.

Min. Size/ Sorts/ Spec.

Only trees of meeting minimum sawlog specifications were sampled. Recorded diameters were measured at four feet above stump height. Sorts were developed based on perceived industry markets. Merchantable young growth spruce and hemlock generally fell into four sorts: Oversize, Standard, Gang, and Chip and Saw. Merchantable alders of sawlog quality were lumped into a camp run sort of all saw logs. Alder logs had to be a minimum of 8 inches in diameter and 24 feet in length. See attached *ADNR-DOF Second Growth Sort Guidelines for Southeast Alaska*. Log grades were determined using *Official Log Scaling and Grading Rules*. All log volumes were determined using the Scribner scale rules applied and accepted in the Southeast Alaska region. Logs not meeting DOF saw log sorts were recorded as pulp logs with the minimum size being a #4 sawlog; utility logs (50% having sound usable chips) were also recorded.

Note: Old growth sorts were recorded in several plots and are represented in the report.

Acreage

Cruised acreage was determined using ArcGIS, based off points collected along the harvest unit line using a GIS grade GPS receiver that was restricted to sampling positions when theoretical post processed accuracy was calculated to be less than 10 feet. ArcGIS calculated there to be 207 acres. 5 Acres where subtracted from the GIS acreage to compensate for the existing cleared ROW of the road to produce 202 acres used in the Atterbury Cruise Program to determine project volumes.

Vallenar Cruise Notes Page 2of 3

USFS GNA Vallenar Timber Cruise

Sample Type/ Frequency

The stand was cruised using an unbiased grid system with 5 x 2 chain spacing representing one acre per cruise plot. This layout produced 72 cruise plots over 73 acres. A variable plot cruise based on the Atterbury Cruise Program was used to manage the data. A basal area factor of 40 BAF was used to sample trees. Sample trees were determined in or out at 16 feet. Cull trees were not recorded. This obtained an average of 5.5 trees per plot.

Min. Size/ Sorts/ Spec.

Only trees meeting minimum sawlog specifications were sampled. Diameters measuring under 10 inches at four feet above stump height where not recorded. Sorts were developed based on perceived industry markets. Merchantable young growth spruce and hemlock generally fell into four sorts: Oversize, Standard, Gang, and Chip and Saw. Merchantable alders of sawlog quality were lumped into a camp run sort of all saw logs. Alder logs had to be a minimum of 8 inches in diameter and 24 feet in length. See attached ADNR-DOF Second Growth Sort Guidelines for Southeast Alaska. Log grades were determined using Official Log Scaling and Grading Rules. All log volumes were determined using the Scribner scale rules applied and accepted in the Southeast Alaska region. Logs not meeting DOF sawlog sorts were recorded as pulp logs with the minimum size being a #4 sawlog; utility logs (50% having sound usable chips) were also recorded.

Acreage and Retention Along Streams

Cruised acreage was determined using ArcGIS, based off points collected along the harvest unit line using a GIS grade GPS receiver that was restricted to sampling positions when theoretical post processed accuracy was calculated to be less than 10 feet.

Retention trees along Class 3 streams in Unit 10 and Unit 12 were selected and painted by Brock Martin (USFS). Greg Staunton (DOF) recorded species and diameters of selected retention trees. Board foot volumes of retention trees were calculated using stand table summary produced from the timber cruise. Total board foot volumes for the proposed harvest area were calculated by subtracting the retention bd. ft. volume from the total net MBF developed from SuperACE for the timber cruise.

Vallenar Cruise Notes Page 3 of 3

Species, Sort Grade - Board Foot Volumes (Project) TC PSPCSTGR

All Old Growth Types are included (9901 through 9904)

T75S R89E S12 Ty9903 THRU T75S R89E S2 Ty9904

Project: DOFVAL4 Acres 206.00

1 Page Date 8/23/2018 Time 2:54:13PM

		%					Perc	ent of N	let Boa	rd Foot	Volume				l	Aver	age Log	p	Logs
	S So Gr	Net	Bd. Ft.	per Acre		Total		Log Sca		u 1 00t	Volume	Logi	Length		١.	ъ.	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF		12-17		24+	12-23			37-99	Ln Ft	In	Ft	Lf	/Acre
							0-11	12-17	10-23				32-30						
SS	SH 1S	2	34.6	291	190	39				100	22	55		23	29		1418	9.96	.1
SS	SH SL	1	49.9	256	128	26				100	13		18	69	35		2928	23.44	.0
SS	D 2S			5	5	1		100				100				14	190	2.83	.0
SS	D 3S	2	3.7	150	144	30	59	29	4	8	17	15	11	58		11	134	1.59	1.1
SS	D 4S		9.6	37	33	7	100				55	17		28	21	7	35	0.75	.9
SS	HI 1S	16	5.8	1,430	1,348	278				100		17	54	30	34	35	1862	8.47	.7
SS	HI 2S	2	12.4	191	168	35			71	29		22	78			23	676	3.85	.2
SS	HI S	1	2.8	114	111	23				100		27	46	54		27	1216	4.70	.1
SS	HI SL	15	5.9	1,364	1,283	264			24	100	24	37	45	18	31		2050	9.66	.6
SS	J 2S	16	4.4	37	37	8		17	24	76	24	76	40	46		23 20	629	4.35	.1
SS	K 2S K 3S	16 7	4.4	1,399 689	1,337 650	275 134		17 44	13 21	70 35	3	10	40	46	34		691 390	3.84	1.9
SS SS	RS 1S	12	5.6 3.7	1,090	1,049	216		44	21	100	4	18 10	52 68	26 21	31	17 34	1808	2.81 7.71	1.7
SS	RS 2S	20	5.2	1,852	1,756	362			20	80		18	43	38		27	1119	5.40	.6 1.6
SS	PU 3S	20	3.2	1,632	1,730	1			100	80	100	10	43	36	17	19			
SS	PU 3S PU 4S	1		5 16	5 16	3	100		100		100	100			25	19 7	250 40	4.14 0.59	.0 .4
SS	PU U	5	23.6	557	425	88	100	4	9	88	15	15	43	26	31		866	5.65	.5
SS	Fotals	29	8.4	9,481	8,685	1,789	2	7	10	82	3	19	47	31	31	22	817	4.58	10.6
WH	SH 1S		20.6	25	25	_				100		100			26	21	910	6 15	0
WH			29.6	35	25	5				100		100	100			31	810	6.15	.0
WH	SH 2S	12	33.1	47	31	6	00	_	4	100		1.4	100	57		31	1070	8.39	.0
WH	D 3S D 4S	12	5.0 3.2	1,749	1,662	342 326	88 98	6	4	2	1 11	14 31	27 27	57 32	37	8 7	83 49	0.77 0.55	20.1 32.7
WH	HI 1S	2	5.7	1,638 252	1,585 237	49	70	2		100	11	11	68	21	34	27	1112	5.39	.2
WH	HI 2S	1	1.3	170	167	35			100	100		34	66	21	30	20	514	3.11	.3
WH	HI S	1	6.3	34	32	7			100			34	100		36	20	590	2.80	.1
WH	HI PE	1	6.0	123	116	24			100	100			100		34	28	1161	5.22	.1
WH	J 2S	3	7.9	361	332	68		68	32	100		20	47	33		17	388	2.45	.9
WH	J S		4.3	39	37	8		100	J-2			20	• • •	100		17	440	2.49	.1
WH	K 2S	23	8.4	3,319	3,042	627		73	17	10	1	14	47	38		14	259	1.84	11.7
WH	K 3S	13	6.8	1,823	1,700	350		89	8	4	3	35	42	19		13	195	1.58	8.7
WH	RS 1S	3	11.3	466	413	85				100		31	26	44		27	958	5.41	.4
WH	RS 2S	15	12.8	2,290	1,996	411			78	22		23	60	17		21	526	3.36	3.8
WH	PU 3S		32.7	36	24	5			100			100				21	330	4.00	.1
WH	PU 4S			6	6	1	100				100				16	7		0.38	.3
WH	PU U	15	13.3	2,246	1,948	401	35	24	21	20	37	21	15	28		10		1.06	20.1
WH	Totals	44	8.7	14,633	13,353	2,751	28	34	23	15	7	22	39	31	31	10	134	1.12	99.6
				*	-														
RC	SC 3S	1	.9	158	156	32	84	16				11	18	71	35	8	89	1.70	1.7
RC	SC 4S	1		62	62	13	100				17	56	27		28		35	0.57	1.8
RC	L 2S		50.0	33	16	3				100	100					55		21.22	.0
RC	L 3S	13	35.9	1,570	1,007	207			7	93	12	40	36	12	28	30	759	8.38	1.3
RC	M 3S	45	10.7	4,184	3,735	769		12	30	58	1	32	40	26	33	21	627	4.96	6.0
RC	M 2R	8	12.5	773	676	139			25	75	4	17	55	24	33	27	1013	7.28	.7
RC	RC 3S	27	23.7	2,890	2,206	454	12	23	28	37	17	36	27	21	31	16	270	3.05	8.2
RC	RC 4S	5	34.2	565	372	77	37	14	12	37	26	56	12	7	23	9	73	1.52	5.1
RC	Totals	27	19.6	10,234	8,231	1,696	7	13	25	56	8	34	35	22	30	15	333	3.42	24.8
YC	YC 1S	16	5.2	26 54	25	5		<i>ç</i> 1	40	100	100	40	<i>5</i> 1		23			4.36	.0
YC	YC 2S	28	18.1	54	44	9		51	49			49	51		30	18	535	3.20	.1

TC	PSPCSTGR		Sp	pecies, S	ort Gra	de - Board	Foot V	olum	es (Pı	roject)								
	5S R89E S12 T THRU 5S R89E S2 Ty	•				Project: Acres	DO	206.								Page Date Time	8/2	2 23/201 :54:13	18
		%					Per	cent of l	Net Boa	rd Foot	Volume					Avera	ige Log	g	Logs
	S So Gr	Net	Bd. Ft.	per Acre		Total		Log Sc	ale Dia.			Log l	Length		Ln	Dia	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF	6-11	12-17	18-23	24+	12-23	24-31	32-36	37-99	Ft	In	Ft	Lf	/Acre
YC	YC 3S	51	9.3	87	79	10	5 75		25		4	15	59	22	35	8	89	0.96	.9
YC	YC 4S	5		7	7		1 100				100				14	6	20	0.27	.3
YC	Totals	1	11.0	173	154	32	2 43	15	26	16	23	21	45	11	29	9	110	1.18	1.4
Total	ls		11.9	34,521	30,423	6,26	7 15	20	19	45	6	24	40	29	31	12	223	1.80	136.4

TC PSTATS						OJECT S OJECT		VAL4			PAGE DATE	1 8/23/2018
TWP RO	GE	SC	TRACT	,	ГҮРЕ		ACI	RES	PLOTS	TREES	CuFt	BdFt
75S 89E 75S 89E		12 2	345 34		9903 T 9904	HR		206.00	192	814	S	W
						TREES]	ESTIMATED TOTAL		ERCENT AMPLE		
		I	PLOTS	TREES		PER PLOT		TREES	,	ΓREES		
TOTAL			192	814		4.2						
CRUISE DBH COUR			190	814		4.3		18,274		4.5		
COUNT BLANKS 100 %			2									
					STA	ND SUMM	ARY					
			MPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
W HMLK			383	65.3	18.0	54	27.2	115.4	14,633	13,353	3,501	3,500
RCDR OG			327	17.6	32.2	49	17.5	99.5	10,234	8,231	2,521	2,519
S SPRUCE Y CDR	ž.		96 7	4.5 1.1	32.9 19.0	79 54	4.6 0.5	26.4 2.2	9,481 173	8,685 154	1,520 48	1,520 48
RD ALDEI	R		1	.2	17.0	44	0.3	.3	173	134	70	+0
TOTAL			814	88.7	22.4	54	51.5	243.8	34,521	30,423	7,591	7,587
CL 68 SD: 1	3.1 1.0		COEFF VAR.%	S.E.%	L	SAMPLE OW	TREES -	BF HIGH	# (OF TREES R	EQ. 10	INF. POP.
SD: 1 W HMLK	0.1		VAR.% 129.7	6.6	L	OW 428	AVG 458	HIGH 488	# (-	
SD: 1 W HMLK RCDR OG	0.1		VAR.% 129.7 99.8	6.6 5.5	L	OW 428 846	AVG 458 895	HIGH 488 945	# (-	
SD: 1 W HMLK RCDR OG S SPRUCE	0.1		VAR.% 129.7 99.8 91.6	6.6 5.5 9.3	L	OW 428 846 3,500	AVG 458 895 3,861	HIGH 488 945 4,221	# 1		-	
SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER	2.0		VAR.% 129.7 99.8 91.6 84.1	6.6 5.5 9.3 34.2	L	OW 428 846 3,500 204	458 895 3,861 310	HIGH 488 945 4,221 416		5	10	1
SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL	1.0 R		VAR.% 129.7 99.8 91.6 84.1 169.3	6.6 5.5 9.3	L	OW 428 846 3,500 204 972	AVG 458 895 3,861 310 1,033	HIGH 488 945 4,221 416 1,094		5 1,145	10	12
SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68	R. 3.1		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF	6.6 5.5 9.3 34.2 5.9		972 SAMPLE	AVG 458 895 3,861 310 1,033	HIGH 488 945 4,221 416 1,094 CF		5 1,145 OF TREES R	10 286 EQ.	12 INF. POP.
SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL	R. 3.1		VAR.% 129.7 99.8 91.6 84.1 169.3	6.6 5.5 9.3 34.2		OW 428 846 3,500 204 972	AVG 458 895 3,861 310 1,033	HIGH 488 945 4,221 416 1,094		5 1,145	10	12
SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1	R 3.1		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.%	6.6 5.5 9.3 34.2 5.9		OW 428 846 3,500 204 972 SAMPLE OW	AVG 458 895 3,861 310 1,033 TREES - AVG	HIGH 488 945 4,221 416 1,094 CF HIGH		5 1,145 OF TREES R	10 286 EQ.	12 INF. POP.
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE	R 3.1		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0		972 SAMPLE OW 100 236 595	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712		5 1,145 OF TREES R	10 286 EQ.	12 INF. POP.
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR	3.1 1.0		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4		972 SAMPLE OW 100 236	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258		5 1,145 OF TREES R	10 286 EQ.	12 INF. POP.
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE	3.1 1.0		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0		972 SAMPLE OW 100 236 595	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712		5 1,145 OF TREES R	10 286 EQ.	12 INF. POP.
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL	3.1 1.0		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4 131.5	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9		972 SAMPLE OW 100 236 595 62 216	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121	#+	5 1,145 OF TREES RI 5	286 EQ. 10	12 INF. POP. 1
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68	3.1 1.0		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9	L	OW 428 846 3,500 204 972 SAMPLE OW 100 236 595 62	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121	#+	5 1,145 OF TREES RI 5	286 EQ. 10	INF. POP. 7 INF. POP.
SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1	RR 3.1 1.0		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4 131.5 COEFF VAR.% 99.2	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9 4.6	L	OW 428 846 3,500 204 972 SAMPLE OW 100 236 595 62 216 TREES/A	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227 ACRE AVG 65	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121 237 HIGH 70	#+	5 1,145 OF TREES RI 5 690 OF PLOTS R	286 EQ. 10	INF. POP. 7 INF. POP.
SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG	RR		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4 131.5 COEFF VAR.% 99.2 154.6	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9 4.6 S.E.% 7.2	L	OW 428 846 3,500 204 972 SAMPLE OW 100 236 595 62 216 TREES/A	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227 ACRE AVG 65 18	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121 237 HIGH 70 20	#+	5 1,145 OF TREES RI 5 690 OF PLOTS R	286 EQ. 10	12 INF. POP. 1 INF. POP.
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE	RR		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4 131.5 COEFF VAR.% 99.2 154.6 219.1	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9 4.6 S.E.% 7.2 11.1 15.8	L	OW 428 846 3,500 204 972 SAMPLE OW 100 236 595 62 216 TREES/A	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227 ACRE AVG 65	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121 237 HIGH 70 20 5	#+	5 1,145 OF TREES RI 5 690 OF PLOTS R	286 EQ. 10	12 INF. POP. 1 INF. POP.
SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG	RR 33.1 L.0		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4 131.5 COEFF VAR.% 99.2 154.6	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9 4.6 S.E.% 7.2	L	OW 428 846 3,500 204 972 SAMPLE OW 100 236 595 62 216 TREES/A	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227 ACRE AVG 65 18 4	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121 237 HIGH 70 20	#+	5 1,145 OF TREES RI 5 690 OF PLOTS R	286 EQ. 10	12 INF. POP. 1 INF. POP.
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR	RR 33.1 L.0		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4 131.5 COEFF VAR.% 99.2 154.6 219.1 738.5	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9 4.6 S.E.% 7.2 11.1 15.8 53.2	L	OW 428 846 3,500 204 972 SAMPLE OW 100 236 595 62 216 TREES/A OW 61 16 4 1	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227 ACRE AVG 65 18 4 1	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121 237 HIGH 70 20 5 2	#+	5 1,145 OF TREES RI 5 690 OF PLOTS R	286 EQ. 10	12 INF. POP. 1
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER RD ALDER RD ALDER RD ALDER RD ALDER	3.1 1.0 2.3 1.0		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4 131.5 COEFF VAR.% 99.2 154.6 219.1 738.5 1385.6	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9 4.6 S.E.% 7.2 11.1 15.8 53.2 99.9	L	OW 428 846 3,500 204 972 SAMPLE OW 100 236 595 62 216 TREES/A OW 61 16 4 1 0 84	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227 ACRE AVG 65 18 4 1 0	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121 237 HIGH 70 20 5 2 0 93	# 1	5 1,145 OF TREES RI 5 690 OF PLOTS RI 5	286 EQ. 10 173 EQ. 10	12 INF. POP. 7 INF. POP. 1
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER	RR 3.1 1.0 ERR RR 3.1 1.0		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4 131.5 COEFF VAR.% 99.2 154.6 219.1 738.5 1385.6 73.2	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9 4.6 S.E.% 7.2 11.1 15.8 53.2 99.9 5.3	L	OW 428 846 3,500 204 972 SAMPLE OW 100 236 595 62 216 TREES/A OW 61 16 4 1 0 84	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227 ACRE AVG 65 18 4 1 0 89	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121 237 HIGH 70 20 5 2 0 93	# 1	5 1,145 OF TREES RI 5 690 OF PLOTS RI 5	286 EQ. 10 173 EQ. 10	12 INF. POP. 1 INF. POP. 2 INF. POP.
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL	RR 3.1 1.0 E		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4 131.5 COEFF VAR.% 99.2 154.6 219.1 738.5 1385.6 73.2 COEFF VAR.% 94.1	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9 4.6 S.E.% 7.2 11.1 15.8 53.2 99.9 5.3 S.E.% 6.8	L	OW 428 846 3,500 204 972 SAMPLE OW 100 236 595 62 216 TREES/A OW 61 16 4 1 0 84 BASAL A OW 108	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227 ACRE AVG 65 18 4 1 0 89 AREA/ACI AVG 115	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121 237 HIGH 70 20 5 2 0 93 RE HIGH 123	# 1	5 1,145 OF TREES RI 5 690 OF PLOTS RI 5	286 EQ. 10 173 EQ. 10 53	12 INF. POP. 1 INF. POP. 2 INF. POP.
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG	RR 3.1 1.0 ERR 3.1 1.0		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4 131.5 COEFF VAR.% 99.2 154.6 219.1 738.5 1385.6 73.2 COEFF VAR.% 94.1 116.6	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9 4.6 S.E.% 7.2 11.1 15.8 53.2 99.9 5.3 S.E.% 6.8 8.4	L	OW 428 846 3,500 204 972 SAMPLE OW 100 236 595 62 216 TREES/A OW 61 16 4 1 0 84 BASAL A OW 108 91	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227 ACRE AVG 65 18 4 1 0 89 AREA/ACI AVG 115 99	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121 237 HIGH 70 20 5 2 0 93 RE HIGH 123 108	# 1	5 1,145 OF TREES RI 5 690 OF PLOTS RI 5	286 EQ. 10 173 EQ. 10 53	12 INF. POP. 1 INF. POP. 2 INF. POP.
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE SD: 1 W HMLK RCDR OG S SPRUCE	RR 3.1 1.0 ERR 3.1 1.0		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4 131.5 COEFF VAR.% 99.2 154.6 219.1 738.5 1385.6 73.2 COEFF VAR.% 94.1 116.6 190.8	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9 4.6 S.E.% 7.2 11.1 15.8 53.2 99.9 5.3 S.E.% 6.8 8.4 13.8	L	OW 428 846 3,500 204 972 SAMPLE OW 100 236 595 62 216 TREES/AOW 61 16 4 1 0 84 BASAL AOW 108 91 23	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227 ACRE AVG 65 18 4 1 0 89 AREA/ACI AVG 115 99 26	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121 237 HIGH 70 20 5 2 0 93 REE HIGH 123 108 30	# 1	5 1,145 OF TREES RI 5 690 OF PLOTS RI 5	286 EQ. 10 173 EQ. 10 53	12 INF. POP. 1 INF. POP. 2
W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG S SPRUCE Y CDR RD ALDER TOTAL CL 68 SD: 1 W HMLK RCDR OG	RR 33.1 L.O 3.1 L.O 3.		VAR.% 129.7 99.8 91.6 84.1 169.3 COEFF VAR.% 105.0 79.4 88.3 78.4 131.5 COEFF VAR.% 99.2 154.6 219.1 738.5 1385.6 73.2 COEFF VAR.% 94.1 116.6	6.6 5.5 9.3 34.2 5.9 S.E.% 5.4 4.4 9.0 31.9 4.6 S.E.% 7.2 11.1 15.8 53.2 99.9 5.3 S.E.% 6.8 8.4	L	OW 428 846 3,500 204 972 SAMPLE OW 100 236 595 62 216 TREES/A OW 61 16 4 1 0 84 BASAL A OW 108 91	AVG 458 895 3,861 310 1,033 TREES - AVG 106 247 653 92 227 ACRE AVG 65 18 4 1 0 89 AREA/ACI AVG 115 99	HIGH 488 945 4,221 416 1,094 CF HIGH 112 258 712 121 237 HIGH 70 20 5 2 0 93 RE HIGH 123 108	# 1	5 1,145 OF TREES RI 5 690 OF PLOTS RI 5	286 EQ. 10 173 EQ. 10 53	12 INF. POP. 1 INF. POP. 2 INF. POP.

TC PSTATS

PROJECT STATISTICS PROJECT DOFVAL4

PAGE

2

DATE 8/23/2018 DOFVAL4 SC **TYPE** TWP RGE TRACT ACRES **PLOTS** TREES CuFt BdFt S W 75S 89E 12 345 9903 THR 206.00 192 814 75S 89E 34 9904 COEFF NET BF/ACRE INF. POP. CL68.1 # OF PLOTS REQ. VAR.% S.E.% LOW AVG HIGH 10 SD: 1.0 W HMLK 120.3 8.7 12,195 13,353 14,511 114.6 8.3 7,551 8,231 8,911 RCDR OG S SPRUCE 223.6 16.1 7,285 8,685 10,085 Y CDR 684.9 49.4 78 154 230 RD ALDER TOTAL 81.4 5.9 28,638 30,423 32,208 264 66 29 COEFF NET CUFT FT/ACRE # OF PLOTS REQ. INF. POP. CL 68.1 SD: 1.0 VAR.% S.E.% LOW AVG HIGH 5 10 15 3,500 3,773 107.9 7.8 W HMLK 3,228 118.8 2,303 2,519 2,735 RCDR OG 8.6 S SPRUCE 210.0 15.1 1,290 1,520 1,750 Y CDR 688.4 49.6 24 48 72 RD ALDER TOTAL 64.3 7,939 4.6 7,235 7,587 165 41 18

Species, Sort Grade - Board Foot Volumes (Type) Page 1 Т TSPCSTGR **Project:** DOFVAL4 Date 8/23/2018 Time 2:59:46PM T75S R89E S14 T9901 T75S R89E S14 T9901 Sample Trees **Plots** Twp Rge Sec Tract Type Acres CuFt BdFt 9901 83 **75S** 89E 1 18.00 21 14 \mathbf{S} W Average Log Percent Net Board Foot Volume % Logs S So Gr Net Bd. Ft. per Acre Total CF/ Log Scale Dia. Log Length Ln Dia Bd Per $^{\mathrm{T}}$ rt BdFt Def% Spp Gross Net ad Net MBF Ft In Ft Lf /Acre 6-11 12-17 18-23 24+ 12-23 24-31 32-36 37-99 14.3 100 37 7 60 1.02 RC SC 3S 118 101 2 100 1.7 RC 3S 45.1 2,457 1,349 24 26 29 35 1022 9.99 L 10 100 10 49 15 1.3 9.4 RC M 3S 50 7,548 6,839 123 14 86 53 47 32 29 1130 6.77 6.1 RC RC3S 39 27.5 7,450 5,399 97 3 15 25 57 20 34 37 9 31 21 451 4.04 12.0 RC RC 4S1 25.0 26 20 0 100 100 22 8 30 0.87 .7 RC Totals 53 22.1 17,600 13,708 247 2 6 17 75 9 45 40 7 31 22 633 4.80 21.7 WH D 37 2.7 2,877 2,798 50 96 4 4 26 71 38 7 76 0.63 36.9 3S WH D 4S 10 764 14 100 5 31 64 30 6 40 0.46 19.0 764 39 3,002 2,901 52 100 34 38 13 1.46 WH K 2S 3.4 66 216 13.4 WH PU 4S 66 1 100 100 16 7 20 0.38 3.3 1 66 13 14.1 935 17 34 13 5 WH PU U 1,088 30 36 82 33 11 143 1.20 6.5 29 7,797 7,464 134 51 45 4 3 5 30 63 79.1 WH **Totals** 4.3 35 8 94 0.79 4 30.0 335 235 100 100 26 34 910 7.50 4 .3 SSSH 1S SS D 2S 2 57 57 100 100 190 2.83 .3 1 26 14 4 7.0 205 190 3 73 27 61 39 31 9 80 SSD 3S 1.16 2.4 SS $_{\rm HI}$ 1S 26 2.2 1,306 1,277 23 100 28 72 33 33 1577 6.79 .8 8 100 10 6.1 478 100 3070 13.14 SS $_{\rm HI}$ SL 449 33 46 .1 29.7 SSK 4 183 3 100 100 710 4.72 2S 260 40 24 .3 10.9 9 SSK 3S 10 571 509 68 32 68 32 36 17 416 2.49 1.2 2.6 19 SS RS 2S 23 1,082 1,054 36 64 28 72 31 22 661 3.21 1.6 SS PU U 17 10.0 892 803 14 100 100 35 40 2290 9.77 .4 18 22 7.3 SS Totals 8.3 5,185 4,755 86 3 10 8 80 69 9 32 20 3.56 15.2 30,582 467 Type Totals 25,927 16 18 12 54 6 29 42 23 34 12 240 1.70 108.0

TC TSTA	ATS				ST	TATIST	ICS DOFVAL4			PAGE DATE 8	18/23/2018
TWP	RGE	SECT TR	RACT		ТҮРЕ		RES	PLOTS	TREES	CuFt	BdFt
75S	89E	14 1			9901	1101	18.00	21	83	S	W
700				,	TREES		ESTIMATED FOTAL	P	ERCENT AMPLE	<u> </u>	
		PLOTS	TREES]	PER PLOT		TREES	T	REES		
TOTA	L	21	83		4.0						
CRUIS		20	83		4.2		1,399		5.9		
DBH (COUNT										
COUN											
BLAN	IKS	1									
100 %											
				STAN	D SUMM	ARY					
		SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
RCDR	OG	46	14.4	37.8	54	18.2	111.7	17,600	13,708	3,250	3,250
W HM	1LK	30	60.1	15.2	53	19.5	75.9	7,797	7,464	2,181	2,178
S SPR		7	3.3	30.1	76	2.9	16.1	5,185	4,755	841	841
TOTA	AL .	83	77.7	21.9	54	43.5	203.7	30,582	25,927	6,272	6,269
CONI		LIMITS OF THE TIMES OUT O		LUME WIL	L BE WITI	HIN THE S	AMPLE ERR	OR			
CL:	68.1 %	COEFF			SAMPLE	TREES -	BF	#	OF TREES	REQ.	INF. POP.
SD:	1.0	VAR.%	S.E.%	LC)W	AVG	HIGH		5	10	15
RCDR		68.5	10.1		1,210	1,345	1,481				
W HM		81.2 83.5	15.1 34.0		148 1,780	175 2,697	201 3,614				
TOTA		114.4	12.5		906	1,036	1,166		523	131	58
CL:	68.1 %	COEFF			SAMPLE	TREES -	CF	#	OF TREES	REO	INF. POP.
SD:	1.0	VAR.%	S.E.%	LC)W	AVG	HIGH	"	5	10	15
RCDR	OG	59.2	8.7		286	313	340				
W HM		71.0	13.2		43	50	56				
S SPR		72.2 94.2	29.4 10.3		313 205	443 229	573 252		354	89	39
CL:		COEFF	10.3								
			C E o/	1.0	TREES/A		HICH	#	OF PLOTS		INF. POP.
RCDR	1.0 c OG	90.9	S.E.% 20.3	L	<u>11</u>	AVG 14	HIGH 17		5	10	15
W HM		102.6	22.9		46	60	74				
S SPR		210.6	47.1		2	3	5				
TOTA		80.6	18.0		64	78	92		273	68	30
	68.1 %	COEFF			BASAL	REA/ACI	RE	#	OF PLOTS	REQ.	INF. POP.
									5	10	15
SD:	1.0	VAR.%	S.E.%	LC	ow	AVG	HIGH				
SD:	OG	69.5	15.5	LC	94	AVG 112	129				
SD:	OG ILK			LC	ow	AVG					
SD: RCDR W HM	OG ILK UCE	69.5 91.9	15.5 20.5	LC	94 60	AVG 112 76	129 92		114	28	13
SD: RCDR W HM S SPR TOTA	OG ILK UCE	69.5 91.9 196.4	15.5 20.5 43.9	LC	94 60 9	AVG 112 76 16 204	129 92 23	#			13 INF. POP.
SD: RCDR W HM S SPR TOTA	OG ILK UCE	69.5 91.9 196.4 52.1	15.5 20.5 43.9		94 60 9 180	AVG 112 76 16 204	129 92 23	#	114		
SD: RCDR W HM S SPR TOTA CL: SD: RCDR	68.1 % 1.0	69.5 91.9 196.4 52.1 COEFF VAR.%	15.5 20.5 43.9 11.6 S.E.%	LC 1	94 60 9 180 NET BF/	AVG 112 76 16 204 ACRE AVG 13,708	129 92 23 227 HIGH 15,968	#	114 OF PLOTS 1	REQ.	INF. POP.
SD: RCDR W HM S SPR TOTA CL: SD: RCDR W HM	AL COG 11.0 COG 11.1	69.5 91.9 196.4 52.1 COEFF VAR.% 73.8 118.7	15.5 20.5 43.9 11.6 S.E.% 16.5 26.5	LC 1	94 60 9 180 NET BF/. DW 1,448 5,484	AVG 112 76 16 204 ACRE AVG 13,708 7,464	129 92 23 227 HIGH 15,968 9,444	#	114 OF PLOTS 1	REQ.	INF. POP.
SD: RCDR W HM S SPR TOTA CL: SD: RCDR	A OG MLK UCE AL 68.1 % 1.0 C OG MLK UCE	69.5 91.9 196.4 52.1 COEFF VAR.%	15.5 20.5 43.9 11.6 S.E.% 16.5 26.5 48.5	L(94 60 9 180 NET BF/. DW 1,448 5,484 2,451	AVG 112 76 16 204 ACRE AVG 13,708 7,464 4,755	129 92 23 227 HIGH 15,968 9,444 7,060	#	114 OF PLOTS 1	REQ. 10	INF. POP.
SD: RCDR W HM S SPR TOTA CL: SD: RCDR W HM S SPR TOTA	6 OG ILK UCE AL 68.1 % 1.0 C OG ILK UCE	69.5 91.9 196.4 52.1 COEFF VAR.% 73.8 118.7 216.8 62.6	15.5 20.5 43.9 11.6 S.E.% 16.5 26.5	L(94 60 9 180 NET BF/ DW 1,448 5,484 2,451 2,301	AVG 112 76 16 204 ACRE AVG 13,708 7,464 4,755 25,927	129 92 23 227 HIGH 15,968 9,444 7,060 29,554		114 OF PLOTS 1 5	REQ. 10	INF. POP. 15
SD: RCDR W HM S SPR TOTA CL: SD: RCDR W HM S SPR TOTA	68.1 % 1.0 68.1 % 1.0 68.1 % 68.1 %	69.5 91.9 196.4 52.1 COEFF VAR.% 73.8 118.7 216.8 62.6 COEFF	15.5 20.5 43.9 11.6 S.E.% 16.5 26.5 48.5 14.0	LC 1	94 60 9 180 NET BF/2 DW 1,448 5,484 2,451 2,301 NET CUI	AVG 112 76 16 204 ACRE AVG 13,708 7,464 4,755 25,927 FT FT/ACI	129 92 23 227 HIGH 15,968 9,444 7,060 29,554		OF PLOTS 1 164 OF PLOTS 1	10 41 REQ.	INF. POP. 15
SD: RCDR W HM S SPR TOTA CL: SD: RCDR W HM S SPR TOTA	68.1 % 1.0 68.1 % 1.0 68.1 % 1.0 68.1 % 1.0 1.0	69.5 91.9 196.4 52.1 COEFF VAR.% 73.8 118.7 216.8 62.6	15.5 20.5 43.9 11.6 S.E.% 16.5 26.5 48.5	LC 1 2.	94 60 9 180 NET BF/ DW 1,448 5,484 2,451 2,301	AVG 112 76 16 204 ACRE AVG 13,708 7,464 4,755 25,927	129 92 23 227 HIGH 15,968 9,444 7,060 29,554		114 OF PLOTS 1 5	REQ. 10	INF. POP. 15
SD: RCDR W HM S SPR TOTA CL: SD: RCDR W HM S SPR TOTA CL: SD: SSPR TOTA	68.1 % 1.0 68.1 % 1.0 68.1 % 1.0 68.1 % 1.0 68.1 % 1.0	69.5 91.9 196.4 52.1 COEFF VAR.% 73.8 118.7 216.8 62.6 COEFF VAR.%	15.5 20.5 43.9 11.6 S.E.% 16.5 26.5 48.5 14.0	LC 1	94 60 9 180 NET BF/ DW 1,448 5,484 2,451 2,301 NET CUI	AVG 112 76 16 204 ACRE AVG 13,708 7,464 4,755 25,927 ET FT/ACI AVG	129 92 23 227 HIGH 15,968 9,444 7,060 29,554 RE HIGH		OF PLOTS 1 164 OF PLOTS 1	10 41 REQ.	INF. POP. 15

TC TSTA	ATS		PAGE DATE	2 8/23/2018							
TWP	RGE	SECT	TRAC	CT	TYPE	A	CRES	PLOTS	TREES	CuFt	BdFt
75S	89E	14	1		9901		18.00	21	83	S	W
CL:	68.1 %	CO	EFF		NET C	UFT FT/A	CRE		# OF PLOT	ΓS REQ.	INF. POP.
SD:	1.0	VA	R.	S.E.%	LOW	AVG	HIGH		5	10	15
TOTA	AL .	50	5.1	12.5	5,484	6,269	7,055		132	33	15

Species, Sort Grade - Board Foot Volumes (Type) Page 1 TSPCSTGR T **Project:** DOFVAL4 Date 8/23/2018 Time 3:00:48PM T75S R89E S14 T9902 T75S R89E S14 T9902 Sample Trees Twp Rge Sec Tract Type Acres **Plots** CuFt BdFt 9902 282 **75S** 89E 1 65.00 64 14 \mathbf{S} W Average Log Percent Net Board Foot Volume % Logs S So Gr Net Bd. Ft. per Acre Total CF/ Log Scale Dia. Log Length Ln Dia Bd Per $^{\mathrm{T}}$ rt Def% BdFt Spp ad Gross Net Net MBF Ft In Ft Lf /Acre 12-17 18-23 24+ 12-23 24-31 32-36 37-99 6-11 90 1.82 RC SC 3S 2 421 421 27 81 19 13 21 66 35 8 4.7 SC 4S 168 168 11 100 32 28 6 34 0.55 RC 1 20 48 4.9 RC L 2S 1 50.0 104 52 3 100 100 23 55 1630 21.22 .0 RC L 3S 7 35.5 1,823 1,176 76 1 99 14 39 36 12 26 30 720 9.28 1.6 RC M 3S 51 10.3 8,630 7,744 503 8 38 54 2 30 33 35 33 22 660 5.43 11.7 917 RC M 2R 5 6.0 862 56 22 78 9 31 12 48 34 31 1413 9.58 .6 RC RC 3S 26 19.2 4,873 3,938 256 15 26 28 31 17 34 22 27 31 15 247 2.87 15.9 7 RC RC4S 37.2 1,586 996 65 32 14 15 39 23 58 14 5 24 9 77 1.63 12.9 71 17.1 18,523 15,359 998 9 12 29 50 9 33 27 30 52.4 RC Totals 30 14 293 3.22 WH D 3S 44 3.9 1,369 1,316 86 93 7 1 28 71 37 7 77 0.69 17.0 5.2 1,070 70 100 40 25 0.52 WH D 4S 36 1,129 8 28 30 6 43 24.8 WH K 2S 3 82 82 5 100 100 40 12 200 1.38 .4 17 WH K 3S 8 16.3 310 260 100 44 18 38 30 13 165 1.63 1.6 9 WH PU U 6.4 261 244 16 81 19 26 26 48 29 8 56 0.92 4.3 14 3,151 2,971 193 5 21 24 48.1 5.7 84 16 50 33 7 0.66 WH Totals 62 D 3S 7 5.4 253 239 16 14 7 27 8 8 58 32 11 125 1.48 1.9 SS 79 14.9 2 75 100 72 28 17 8 33 0.78 SS D 4S 64 4 2.0 $_{\rm HI}$ 153 153 10 100 100 2080 SS 1S 6 36 36 8.34 .1 SS K 2S 15 5.5 485 458 30 46 34 20 2 37 61 33 18 409 2.32 1.1 K 5.3 SS 3S 29 961 910 59 23 17 60 8 43 49 34 19 546 2.93 1.7 SS RS 2S 30 2.5 913 890 58 29 71 61 39 34 25 996 6.70 .9 50 3 100 25 7 SS PU 4S1 50 100 40 0.59 1.2 SS PU U 10 18.0 341 279 18 19 26 55 26 19 55 33 18 412 2.59 .7 3,043 198 45 Totals 14 5.8 3,230 10 17 22 52 4 13 38 29 14 319 2.45 9.6 SS YC 1S 32 5.2 83 78 5 100 100 23 24 550 4.36 .1 YC YC YC 2S 28 11.1 68 100 100 400 .2 76 26 20 3.71 YC YC 3S 40 21.1 121 96 6 36 64 11 25 64 29 12 169 2.28 .6 1 280 242 16 14 53 32 37 38 25 .9 YC **Totals** 13.7 27 15 275 2.83

14.2

25,184

21,615

1,405

20 13 24 43

8

29

28 35

31 11

195

1.98

110.9

Type Totals

TC TSTAT	TS .				ST PROJEC	TATIST	ICS DOFVAL4			PAGE DATE 8	1 3/23/2018
TWP 1	RGE	SECT	TRACT		TYPE		RES	PLOTS	TREES	CuFt	BdFt
75S	89E	14	1		9902		65.00	64	282	S	W
				,	TREES		ESTIMATED FOTAL		ERCENT AMPLE		
		PLOTS	TREES		PER PLOT		TREES		REES		
TOTAL		64	282		4.4						
CRUISE DBH CO REFORE COUNT BLANKS 100 %	OUNT EST	64	282		4.4		5,822		4.8		
				STAN	ID SUMM	ARY					
		SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
RCDR O	OG	207	38.7	31.1	46	36.5	203.4	18,523	15,359	5,016	5,009
W HML		51		14.1	42	12.5	47.1	3,151	2,971	1,045	1,044
S SPRUC	CE	19		24.2	54	3.6	17.5	3,230	3,043	675	674
Y CDR RD ALD)FR	4		22.8 17.0	58 44	0.8 0.2	3.8	280	242	67	67
TOTAL		282		23.6	45	56.1	.9 272.7	25,184	21,615	6,803	6,795
CL:	68.1 %	COEF			CAMIDIT	TDEEC	DE	ш.	OF TREES D		
•						TREES -		# (OF TREES R		INF. POP.
SD:	1.0 OG	VAR.9	% S.E.%	LC	ow	AVG	HIGH	# (OF TREES R	REQ. 10	
)G	VAR.9 103.0 98.0	% S.E.% 7.2	LC				# (
SD: RCDR O W HMLI S SPRUG	OG .K	103.0 98.0 102.0	% S.E.% 7.2 13.7 24.0	LC	728 76 825	784 88 1,086	HIGH 840 100 1,347	# •			
SD: RCDR O W HMLI S SPRUO Y CDR RD ALD	OG .K CE DER	103.0 98.0 102.0 69.8	% S.E.% 7.2 13.7 24.0 3 39.9	LC	728 76 825 251	784 88 1,086 418	HIGH 840 100 1,347 584	# (5	10	
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL	OG .K CE DER	103.0 98.0 102.0 69.8	% S.E.% 7.2 13.7 24.0 3 39.9 7.1	L	728 76 825	784 88 1,086	HIGH 840 100 1,347		5 572	10	
SD: RCDR O W HMLI S SPRUG Y CDR RD ALD TOTAL	OG K CE DER 68.1 %	103.0 98.0 102.0 69.8 119.7	% S.E.% 7.2 13.7 24.0 3 39.9 7.1		728 76 825 251 623	784 88 1,086 418 670	HIGH 840 100 1,347 584 718		5 572 OF TREES R	10 143 REQ.	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL	DG .K CE DER 	103.0 98.0 102.0 69.8	S.E.% 7.2 13.7 24.0 3 39.9 7.1 F S.E.%		728 76 825 251 623	784 88 1,086 418	HIGH 840 100 1,347 584 718		5 572	10	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: (SD: RCDR O W HMLI	DG K K CE DER 68.1 % 1.0 DG K	103.0 98.0 102.0 69.8 119.7 COEF	S.E.% 7.2 13.7 24.0 3 39.9 7.1 F S.E.% 8 5.9 10.4		728 76 825 251 623 SAMPLE DW 215 26	AVG 784 88 1,086 418 670 CTREES - AVG 229 29	HIGH 840 100 1,347 584 718 CF HIGH 242 32		5 572 OF TREES R	10 143 REQ.	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC	DG K K CE DER 68.1 % 1.0 DG K	103.0 98.0 102.0 69.8 119.7 COEF VAR. 84.8 74.0	% S.E.% 7.2 13.7 24.0 3 39.9 7.1 F % S.E.% 8 5.9 10.4 21.7		728 76 825 251 623 SAMPLE DW 215 26 174	AVG 784 88 1,086 418 670 CTREES - AVG 229 29 222	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270		5 572 OF TREES R	10 143 REQ.	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC Y CDR	DG K CCE DER 	103.0 98.0 102.0 69.8 119.7 COEF VAR.0 84.8	% S.E.% 7.2 13.7 24.0 3 39.9 7.1 F % S.E.% 8 5.9 1 10.4 21.7		728 76 825 251 623 SAMPLE DW 215 26	AVG 784 88 1,086 418 670 CTREES - AVG 229 29	HIGH 840 100 1,347 584 718 CF HIGH 242 32		5 572 OF TREES R	10 143 REQ.	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC	DG K CCE DER 68.1 % 1.0 DG K CCE	103.0 98.0 102.0 69.8 119.7 COEF VAR. 84.8 74.0	S.E.% 7.2 13.7 24.0 39.9 7.1 F S.E.% 5.9 10.4 21.7 39.4		728 76 825 251 623 SAMPLE DW 215 26 174	AVG 784 88 1,086 418 670 CTREES - AVG 229 29 222	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270		5 572 OF TREES R	10 143 REQ.	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC Y CDR RD ALD	DG K K CCE DER	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1	% S.E.% 7.2 13.7 24.0 39.9 7.1 F % S.E.% 8 5.9 10.4 21.7 39.4 6.6		728 76 825 251 623 SAMPLE DW 215 26 174 71 178	AVG 784 88 1,086 418 670 CTREES - AVG 229 29 222 117 190	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163	# (5 572 OF TREES R 5	143 REQ. 10	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: (SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL	DG K CCE DER 68.1 % 1.0 DG K CCE	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1 68.9	% S.E.% 7.2 13.7 24.0 3 39.9 7.1 F % S.E.% 8 5.9 10.4 1 21.7 39.4 6.0 F	LC	728 76 825 251 623 SAMPLE DW 215 26 174 71	AVG 784 88 1,086 418 670 CTREES - AVG 229 29 222 117 190	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163	# (5 572 OF TREES R 5	143 REQ. 10	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: G SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: G SD: RCDR O SD: RCDR O	DG K CE DER 1.0 DG K CE DER 1.0 DG K CE DER 1.0 DG C K CDER 1.0 DG CO	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1 68.9 100.6 COEF VAR.9 96.3	S.E.% 7.2 13.7 24.0 39.9 7.1 F S.E.% S.E.% 6.0 F 8. S.E.% S.E.% S.E.% 12.0	LC	728 76 825 251 623 SAMPLE DW 215 26 174 71 178 TREES/A	AVG 784 88 1,086 418 670 2 TREES - AVG 229 29 222 117 190 ACRE AVG 39	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163 201 HIGH 43	# (5 572 OF TREES R 5 404 OF PLOTS R	10 143 REQ. 10 101 REQ.	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CW HMLI S W HMLI S W HMLI S W HMLI S W HMLI	DG K CE DER 1.0 DG K CE DER 1.0 DG K CE DER 1.0 DG K K CK CE DER 1.0 DG K K	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1 68.9 100.6 COEF VAR.9 96.3	S.E.% 7.2 13.7 24.0 3 39.9 7.1 F S.E.% S.E.% 3 5.9 10.4 21.7 39.4 6.0 F S.E.% 8 12.0 6 16.2	LC	728 76 825 251 623 SAMPLE DW 215 26 174 71 178 TREES/A	AVG 784 88 1,086 418 670 CTREES - AVG 229 29 222 117 190 ACRE AVG 39 43	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163 201 HIGH 43 51	# (5 572 OF TREES R 5 404 OF PLOTS R	10 143 REQ. 10 101 REQ.	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC SD: RCDR O W HMLI S SPRUC SD:	DG K CE DER 1.0 DG K CE DER 1.0 DG K CE DER 1.0 DG K K CK CE DER 1.0 DG K K	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1 68.9 100.6 COEF VAR.9 96.3 129.5	S.E.% 7.2 13.7 24.0 3 39.9 7.1 F S.E.% S.E.% 3 5.9 10.4 21.7 39.4 6.0 F S.E.% 8 12.0 6 16.2 4 31.1	LC	728 76 825 251 623 SAMPLE DW 215 26 174 71 178 TREES/A DW 34 36 4	AVG 784 88 1,086 418 670 CTREES - AVG 229 29 222 117 190 ACRE AVG 39 43 6	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163 201 HIGH 43 51 7	# (5 572 OF TREES R 5 404 OF PLOTS R	10 143 REQ. 10 101 REQ.	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CW HMLI S W HMLI S W HMLI S W HMLI S W HMLI	DG K CE DER 1.0 DER L CE DER L	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1 68.9 100.6 COEF VAR.9 96.3	S.E.% 7.2 7.2 7.3 7.4 8.3 9.9 7.1 F 8.5 9.0 10.4 21.7 9.0 39.4 6.0 F 8.5 8.5 10.4 21.7 9.6 10.4 21.7 9.7 10.4 21.7 10.6 10.4 21.7 10.6 10.4 21.7 21	LC	728 76 825 251 623 SAMPLE DW 215 26 174 71 178 TREES/A	AVG 784 88 1,086 418 670 CTREES - AVG 229 29 222 117 190 ACRE AVG 39 43	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163 201 HIGH 43 51	# (5 572 OF TREES R 5 404 OF PLOTS R	10 143 REQ. 10 101 REQ.	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SPRUC Y CDR RD ALD TOTAL CL: SPRUC SD: RCDR O W HMLI S SPRUC Y CDR	DG K CE DER 1.0 DG K CE DER CE DE DE CE DE DE CE DE DE CE DE DE DE CE DE DE DE CE DE	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1 68.9 100.6 COEF VAR.9 96.3 129.5 249.4 623.6	S.E.% 7.2 7.2 7.3 7.4 8 39.9 7.1 F 8 S.E.% 8 5.9 10.4 21.7 39.4 6.0 F 8 S.E.% 8 12.0 6 16.2 1 31.1 77.9 99.9	LC	728 76 825 251 623 SAMPLE DW 215 26 174 71 178 TREES/A DW 34 36 4 0	AVG 784 88 1,086 418 670 CTREES - AVG 229 29 222 117 190 ACRE AVG 39 43 6 1	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163 201 HIGH 43 51 7 2	# (5 572 OF TREES R 5 404 OF PLOTS R	10 143 REQ. 10 101 REQ.	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL RCDR O W HMLI S SPRUC Y CDR RD ALD	DG K CE DER 1.0 DG K CE DER 1.	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1 68.9 100.6 COEF VAR.9 96.3 129.5 249.4 623.6 800.0	% S.E.% 7.2 13.7 24.0 3.9 7.1 F % S.E.% 8 5.9 10.4 21.7 39.4 6.0 F % S.E.% 8 12.0 6.1 6.2 4 31.1 6 77.9 9.9 9.0	LC	728 76 825 76 825 251 623 SAMPLE DW 215 26 174 71 178 TREES/A DW 34 36 4 0 0 82	AVG 784 88 1,086 418 670 2 TREES - AVG 229 29 222 117 190 ACRE AVG 39 43 6 1	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163 201 HIGH 43 51 7 2 1 98	# (5 572 OF TREES R 5 404 OF PLOTS R 5	10 143 REQ. 10 101 REQ. 10	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: CSPRUC Y CDR RD ALD TOTAL CL: CSD: CSD: CSPRUC SD: CSPR	DG K CE DER 1.0 DER 1.	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1 68.9 100.6 COEF VAR.9 623.6 800.0 72.0 COEF	S.E.% 7.2 13.7 24.0 39.9 7.1 F S.E.% S.E.% 5.9 10.4 21.7 39.4 6.0 F S.E.% 8 12.0 6 16.2 1 31.1 77.9 99.9 9.0 F	LO	728 76 825 76 825 251 623 SAMPLE DW 215 26 174 71 178 TREES/A DW 34 36 4 0 0 82 BASAL A DW	AVG 784 88 1,086 418 670 CTREES - AVG 229 29 222 117 190 ACRE AVG 39 43 6 1 1 90 AREA/ACE	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163 201 HIGH 43 51 7 2 1 98 RE HIGH	# (5 572 OF TREES R 5 404 OF PLOTS R 5	10 143 REQ. 10 101 REQ. 10	INF. POP. INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SPRUC Y CDR RD ALD TOTAL CL: SPRUC Y CDR RD ALD TOTAL CL: RCDR O SPRUC SD: RCDR O	DG K CE DER 1.0 DG CE DER 1.0 DG CE DG C	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1 68.9 100.6 COEF VAR.9 96.3 129.5 249.4 623.6 800.0 72.0 COEF VAR.9	% S.E.% 7.2 13.7 24.0 3 39.9 7.1 F % S.E.% 8 5.9 10.4 21.7 39.4 6.0 F % S.E.% 8 12.0 6 16.2 1 31.1 6 77.9 99.9 9.0 F % S.E.% 6 7.7	LO	728 76 825 76 825 251 623 SAMPLE DW 215 26 174 71 178 TREES/A DW 34 36 4 0 0 82 BASAL A DW 188	AVG 784 88 1,086 418 670 CTREES - AVG 229 29 222 117 190 ACRE AVG 39 43 6 1 1 90 AREA/ACH AVG 203	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163 201 HIGH 43 51 7 2 1 98 RE HIGH 219	# (5 572 OF TREES R 5 404 OF PLOTS R 5	10 143 REQ. 10 101 REQ. 10 52	INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SPRUC Y CDR RD ALD TOTAL CL: W HMLI S SPRUC SD: RCDR O W HMLI SW HMLI SW HMLI	DG K CE DER 1.0 DG K CE DG K C	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1 68.9 100.6 COEF VAR.9 96.3 129.5 249.4 623.6 800.0 72.0 COEF VAR.9	% S.E.% 7.2 13.7 24.0 3 39.9 7.1 F % S.E.% 8 5.9 10.4 21.7 39.4 6.0 F % S.E.% 8 12.0 6.1 6.2 4 31.1 6 77.9 9.9 9.0 F % S.E.% 6 7.7 4 17.3	LO	728 76 825 76 825 251 623 SAMPLE DW 215 26 174 71 178 TREES/A DW 34 36 4 0 0 82 BASAL A DW 188 39	AVG 784 88 1,086 418 670 2 TREES - AVG 229 29 222 117 190 ACRE AVG 39 43 6 1 1 90 AREA/ACE AVG 203 47	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163 201 HIGH 43 51 7 2 1 98 RE HIGH 219 55	# (5 572 OF TREES R 5 404 OF PLOTS R 5	10 143 REQ. 10 101 REQ. 10 52	INF. POP. INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O W HMLI S SPRUC SD: RCDR O W HMLI S SPRUC SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: CSD: RCDR O SD: RCDR O	DG K CE DER 1.0 DG K CE DG K C	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1 68.9 100.6 COEF VAR.9 96.3 129.5 249.4 623.6 800.0 72.0 COEF VAR.9	S.E.% 7.2 13.7 24.0 39.9 7.1 F S.E.%	LO	728 76 825 76 825 251 623 SAMPLE DW 215 26 174 71 178 TREES/A DW 34 36 4 0 0 82 BASAL A DW 188	AVG 784 88 1,086 418 670 CTREES - AVG 229 29 222 117 190 ACRE AVG 39 43 6 1 1 90 AREA/ACH AVG 203	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163 201 HIGH 43 51 7 2 1 98 RE HIGH 219	# (5 572 OF TREES R 5 404 OF PLOTS R 5	10 143 REQ. 10 101 REQ. 10 52	INF. POP. INF. POP.
SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SD: RCDR O W HMLI S SPRUC Y CDR RD ALD TOTAL CL: SPRUC SPRUC SD: RCDR O W HMLI S SPRUC SD: RCDR O W HMLI S SPRUC SD:	DG K CE DER 1.0 DG K CE DER 1.	103.0 98.0 102.0 69.8 119.7 COEF VAR.9 84.8 74.0 92.1 68.9 100.6 COEF VAR.9 96.3 129.5 249.4 623.6 800.0 72.0 COEF VAR.9 61.6 138.4 210.5	S.E.% 7.2 13.7 24.0 39.9 7.1 F S.E.%	LO	728 76 825 76 825 251 623 SAMPLE DW 215 26 174 71 178 TREES/A DW 34 36 4 0 0 82 BASAL A DW 188 39 13	AVG 784 88 1,086 418 670 2 TREES - AVG 229 29 222 117 190 ACRE AVG 39 43 6 1 1 90 AREA/ACE AVG 203 47 18	HIGH 840 100 1,347 584 718 CF HIGH 242 32 270 163 201 HIGH 43 51 7 2 1 98 RE HIGH 219 55 22	# (5 572 OF TREES R 5 404 OF PLOTS R 5	10 143 REQ. 10 101 REQ. 10 52	INF. POP. INF. POP.

TC TST	ATS			PROJE	STATIS ECT	TICS DOFVAL4			PAGE DATE	2 8/23/2018
TWP	RGE	SECT TR	CACT	TYPE	A	CRES	PLOTS	TREES	CuFt	BdFt
75S	89E	14 1		9902		65.00	64	282	S	W
CL:	68.1 %	COEFF		NET B	F/ACRE			# OF PLC	TS REQ.	INF. POP.
SD:	1.0	VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
CL:								# OF PLOTS	REQ.	INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
RCDR	R OG	63.3	7.9	14,144	15,359	16,574				
W HM	1LK	166.4	20.8	2,354	2,971	3,589				
S SPR	UCE	231.2	28.9	2,165	3,043	3,922				
Y CD	R	457.9	57.2	103	242	380				
RD A	LDER									
TOTA	AL	65.2	8.1	19,854	21,615	23,376		170	42	19
CL:	68.1 %	COEFF		NET C	UFT FT/A	CRE		# OF PLOTS	REQ.	INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
RCDR	R OG	65.6	8.2	4,599	5,009	5,420				
W HM	1LK	154.0	19.2	843	1,044	1,245				
S SPR	UCE	227.0	28.4	483	674	865				
Y CD	R	454.6	56.8	29	67	106				
RD A	LDER									
TOTA	A L	64.1	8.0	6,251	6,795	7,339		164	41	18

Species, Sort Grade - Board Foot Volumes (Type) Page 1 TSPCSTGR T **Project:** DOFVAL4 Date 8/23/2018 Time 2:57:03PM T75S R89E S12 T9903 T75S R89E S12 T9903 Sample Trees Twp Rge Sec **Tract** Type Acres **Plots** CuFt BdFt 9903 89E 345 78.00 238 **75S** 12 66 \mathbf{S} W Average Log Percent Net Board Foot Volume % Logs S So Gr Net Bd. Ft. per Acre Total CF/ Log Scale Dia. Log Length Ln Dia Bd Per $^{\mathrm{T}}$ rt BdFt Def% Spp ad Gross Net Net MBF Ft In Ft Lf /Acre 12-17 18-23 24+ 12-23 24-31 32-36 37-99 6-11 94 WH SH 1S 29.6 66 5 100 100 26 31 810 6.15 .1 7 35 8 81 0.77 WH D 3S 10 2.0 1,389 1,361 106 87 6 1 29 24 46 16.7 WH D 4S 15 3.4 2,253 2,176 170 95 11 26 25 38 31 7 50 0.56 43.8 WH НІ 2S 2 2.4 248 242 19 100 63 37 29 20 450 3.00 .5 WH НІ PE 1 9.8 105 94 7 100 100 32 29 1100 5.44 .1 3 WH J 2S 511 511 40 57 43 34 20 46 33 18 411 2.47 1.2 WH K 2S 19 10.2 2,926 2,626 205 75 18 8 21 47 31 33 14 232 1.76 11.3 WH K 3S 20 4.7 2,822 2,688 210 88 6 6 4 40 41 15 30 13 201 1.55 13.4 WH 4 11.2 708 629 49 100 29 32 39 33 26 913 5.08 .7 RS 1S WH 2S 15 12.2 2,304 2,022 158 87 13 28 10 32 21 517 3.28 3.9 RS 62 WH PU 3S 32.7 95 64 5 100 100 26 21 330 4.00 .2 18.7 1,777 1,445 113 32 24 33 49 16 17.1 WH PU U 11 11 14 21 23 10 85 1.14 60 15,231 13,924 1,086 27 37 25 11 8 29 37 26 109.1 wн Totals 8.6 31 10 128 1.10 RC SC 23 23 2 100 100 31 6 40 0.71 4S .6 RC 3S 24 33.6 2,060 1.368 107 12 88 11 39 41 9 28 29 745 7.48 1.8 L 32 13.4 2,117 1,834 143 37 21 19 33 17 403 RC 16 46 60 3.44 M 3S 4.6 6.32 RC M 2R 19 16.3 1 277 1,068 83 26 74 7 85 8 33 26 851 1.3 30.1 97 RC 22 1,772 1,238 22 32 32 44 31 10 29 15 225 2.92 5.5 RC 3S 14 15 10.7 147 40 17 RC RC 4S 3 11 62 14 24 43 1.02 2.6 165 21 8 57 24 23.4 7,414 5,678 443 17 57 7 29 12 16.3 5 20 52 RC Totals 29 17 348 3.57 SS D 3S 21 21 2 100 100 38 9 110 1.54 .2 35 35 100 71 41 .9 SS D 4S1 3 29 28 6 0.72 SS HI 1S 20 8.1 772 710 55 100 54 46 37 34 1788 8.48 .4 7 8.2 SS НІ 2S273 250 20 49 51 100 33 25 820 4.70 .3 SS НІ 4 12.3 147 129 10 100 100 33 38 1930 11.03 .1 SL SS K 2S 19 .7 697 692 54 32 68 23 77 38 17 560 2.86 1.2 SS K 3S 9.9 439 396 31 85 15 35 65 31 16 280 2.33 11 1.4 SS RS 1S 15 4.4 552 527 41 100 70 30 35 30 1362 6.07 .4 RS 2S 18 7.0 644 50 38 12 41 47 848 4.25 SS 692 62 34 24 .8 SS PU U 5 35.1 258 168 13 100 100 40 30 1055 7.09 .2 15 3,886 3,571 279 2 16 12 71 0 6 51 43 5.8 SS Totals 8.1 34 19 619 3.58 YC YC 29 23.7 78 60 5 100 100 33 17 290 2.93 .2 28 128 128 10 100 36 7 YC YC 62 8 56 36 68 0.69 1.9 3S 0.27 YC YC 4S 9 18 18 1 100 100 14 6 20 .9 1 224 205 16 71 29 9 5 64 23 3.0 YC Totals 8.3 29 8 69 0.81

Type Totals

12.6

26,754

23,378

1,823

29

22

18

32

25

6

43

25

174

30 11

1.50

134.1

TC TSTA	ATS				Gr	n a medic	TOC			PAGE	1
10 1512	115				PROJEC	TATIST T	TCS DOFVAL4				3/23/2018
TWP	RGE	SECT T	RACT		ТҮРЕ		RES	PLOTS	TREES	CuFt	BdFt
75S	89E		45		9903	.10	78.00	66	238	S	W
700	0,1		ıc				ESTIMATED	P	ERCENT	<u> </u>	•
		DI OTTO	TD FFG		TREES		TOTAL		AMPLE		
	•	PLOTS	TREES		PER PLOT		TREES	1	REES		
TOTA		66 65	238 238		3.6 3.7		6,672		3.6		
	COUNT	05	230		3.7		0,072		5.0		
REFO	REST										
COUN	NT										
BLAN		1									
100 %											
		CAMPLE	TREE		ND SUMM		DAGAI	CDOSS	NET	CROSS	NET
		SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
W HM	1LK	147	70.6	18.1	53	29.6	125.6	15,231	13,924	3,672	3,671
RCDR		72	10.5	33.9	55	11.3	66.1	7,414	5,678	1,697	1,697
S SPR	UCE	16	2.6	30.7	79	2.4	13.3	3,886	3,571	696	696
Y CDI	R	3	1.9	16.4	51	0.7	2.7	224	205	70	70
TOTA	L	238	85.5	21.1	54	45.2	207.7	26,754	23,378	6,136	6,135
CON		LIMITS OF THE	HE SAMPLE OF 100 THE VO	LUME WIL	L BE WIT	HIN THE S	SAMPLE ERR	OR			
CL:	68.1 %	COEFF			SAMPLI	E TREES -	BF	#	OF TREES I	REQ.	INF. POP.
SD:	1.0	VAR.%	S.E.%	LC	OW	AVG	HIGH		5	10	15
W HM		113.2	9.3		371	409	447				
RCDR S SPR		110.2	13.0 17.0		813	934	1,055				
Y CDI		66.1 90.9	62.9		1,756 62	2,118 167	2,479 271				
TOTA		130.0	8.4		623	680	737		675	169	75
CL:	68.1 %	COEFF			SAMPLI	E TREES -	CF	#	OF TREES I	REQ.	INF. POP.
SD:	1.0	VAR.%	S.E.%	LC	OW	AVG	HIGH		5	10	15
W HM		93.4	7.7		89	96	104				
RCDR S SPR		78.4 58.9	9.2 15.2		235 339	259 399	283				
Y CDI		92.3	63.8		21	58	460 96				
TOTA		105.3	6.8		154	165	177		442	111	49
CL:	68.1 %	COEFF			TREES/A	ACRE		4	OF PLOTS I		INF. POP.
SD:	1.0	VAR.%		LC	TREES/A	AVG	HIGH	#	5	10	15
W HM		87.6	10.8	2.	63	71	78			10	13
RCDR	OG	158.9	19.5		8	11	13				
S SPR		256.2	31.5		2	3	3				
Y CDI		578.4 72.7	71.1 8.9		1 78	2 86	3 93		211	53	23
CL:	68.1 %	COEFF									
	1.0	VAR.%		1.0	BASAL A DW	AREA/AC AVG	RE HIGH	#	OF PLOTS I	REQ. 10	INF. POP.
W HM		74.7	9.2	E	114	126	137			10	13
RCDR	OG	132.9	16.3		55	66	77				
S SPR		203.4	25.0		10	13	17				
Y CDI		602.9 52.0	74.1 6.4		1 194	3 208	5 221		108	27	12
	68.1 %	COEFF					221				
	1.0	VAR.%		1.0	NET BF/ OW	ACRE AVG	HIGH	#	OF PLOTS I	REQ. 10	INF. POP.
W HM		101.4	12.5		2,188	13,924	15,660				- 13
RCDR		135.8	16.7		4,730	5,678	6,626				
S SPR		228.8	28.1		2,566	3,571	4,576				
Y CDI TOTA		651.9	80.2 7.8	2	41 1 566	205	369 25 100		150	40	10
TOTA	\L	63.0	7.8	2	1,566	23,378	25,190		159	40	18

TC TSTA	STATISTICS PAGE PROJECT DOFVAL4 DATE 8,											
TWP	RGE	SECT	TRAC	СТ	ТҮРЕ	A	CRES	PLOTS	TREES	CuFt	BdFt	
75S	89E	12	345		9903		78.00	66	238	S	W	
CL:	68.1 %	CO	EFF		NET C	CUFT FT/A	CRE		# OF PLO	TS REQ.	INF. POP.	
SD:	1.0	VA	R.	S.E.%	LOW	AVG	HIGH		5	10	15	
CL:	68.1 %	CO	EFF		NET C	CUFT FT/A	CRE		# OF PLOTS	REQ.	INF. POP.	
SD:	1.0	VA	R.%	S.E.%	LOW	AVG	HIGH		5	10	15	
W HM	ILK	8	7.5	10.8	3,276	3,671	4,066					
RCDR	. OG	13	8.3	17.0	1,408	1,697	1,986					
S SPR	UCE	21	4.5	26.4	513	696	880					
Y CDI	₹	62	5.0	76.9	16	70	125					
TOTA	L	56	5.8	7.0	5,706	6,135	6,563		129	32	14	

Species, Sort Grade - Board Foot Volumes (Type) Page 1 TSPCSTGR T **Project:** DOFVAL4 Date 8/23/2018 Time 3:01:56PM T75S R89E S2 T9904 T75S R89E S2 T9904 Sample Trees Twp Rge Sec **Tract** Type Acres **Plots** CuFt BdFt 9904 89E 2 34 45.00 41 211 **75S** \mathbf{S} W Average Log Percent Net Board Foot Volume % Logs S So Gr Net Bd. Ft. per Acre Total CF/ Log Scale Dia. Log Length Ln Dia Bd Per $^{\mathrm{T}}$ rt BdFt Def% Spp ad Gross Net Net MBF Ft In Ft Lf /Acre 12-17 18-23 24+ 12-23 24-31 32-36 37-99 6-11 33.1 WH SH 2S 215 144 6 100 100 36 31 1070 8.39 .1 7 9.8 2,470 2,228 31 36 9 94 0.94 WH D 3S 100 81 6 7 6 4 14 51 23.7 WH D 4S 6 1.4 1,655 1,631 73 100 12 35 23 30 30 7 54 0.60 30.2 WH НІ 1S 4 5.7 1,152 1,085 49 100 11 68 21 34 27 1112 5.39 1.0 WH НІ 2S1 347 347 16 100 100 32 21 621 3.26 .6 7 WH HI S 6.3 158 148 100 100 36 20 590 2.80 .3 WH HI PE 2 4.2 382 366 16 100 100 34 28 1191 5.12 .3 WH J 2S 2 17.1 765 634 29 84 16 84 16 35 17 360 2.42 1.8 WH 4.3 178 170 8 100 100 40 17 440 2.49 J S .4 WH K 2S 27 8.1 8,805 8,093 364 68 20 12 12 50 37 34 15 288 1.99 28.1 WH K 3S 10 8.6 3,004 2,746 124 89 11 3 26 47 23 31 13 189 1.62 14.5 2 11.4 803 33 17 50 1025 5.94 WH RS 1S 906 36 100 32 28 .8 WH 72 RS 2S 19 13.2 6,491 5,635 254 28 19 59 22 33 21 532 3.41 10.6 27 WH PU U 20 11.0 6,389 5,685 256 33 23 16 34 24 16 25 27 10 106 1.03 53.6 52 32,917 29,716 1,337 18 34 26 22 8 18 44 30 165.8 WH **Totals** 9.7 31 11 179 1.43 2 35.1 1,199 778 100 25 50 26 30 42 1520 10.39 35 .5 SS SH 1S 49.9 100 13 SH SL3 1,172 587 26 18 69 35 60 2928 23.44 2 SS 202 9 27 8 23 57 202 12 61 12 31 13 229 2.43 .9 SS D 3S SS HI 1S 16 5.7 4,464 4,208 189 100 21 49 30 1916 8.73 2.2 33 35 17.3 403 333 100 550 SS НІ 2S 1 15 50 50 31 22 3.06 .6 4.70 SS HI S 2 2.8 507 23 100 37 27 522 46 54 1216 .4 SS НІ SL 20 5.6 5,796 5,472 246 100 40 41 19 31 38 2033 9.52 2.7 SS J 2S 167 167 8 24 76 24 76 24 23 629 4.35 .3 4.7 4,392 4,185 9 78 5 9 32 23 SS K 2S 16 188 13 52 34 838 4.82 5.0 K SS 3S 3 .1 774 773 35 38 39 23 15 26 51 8 27 16 338 3.34 2.3 SS RS 1S 14 3.6 4,032 3,888 175 100 13 68 19 33 35 1958 8.28 2.0 SS RS 2S19 5.7 5,529 5,215 235 12 88 23 37 40 33 29 1324 5.68 3.9 SS PU 3S 22 22 100 100 17 19 250 4.14 .1 SS PU U 4 25.6 1,251 930 42 6 94 31 21 48 27 35 1093 8.36 .9 29,925 27,269 1,227 3 23 28 21.9 48 0 7 90 3 46 SS Totals 8.9 31 28 1244 6.44 100 RC SC 3S 39 67 67 3 100 37 9 110 1.21 .6 RC RC 3S 61 25.0 138 104 5 100 100 40 30 1230 8.22 .1 RC Totals 16.9 205 170 8 39 61 100 37 12 247 2.12 .7

Type Totals

9.3

63,047

57,155

2,572

10 19 17 55

20

45 29

31 13

303

2.03

188.4

TC TSTA	ATS				S' PROJEC	TATIST	TICS DOFVAL4			PAGE DATE 8	1 8/23/2018
TWP	RGE	SECT T	RACT		ТҮРЕ		RES	PLOTS	TREES	CuFt	BdFt
75S	89E	2 34	1		9904		45.00	41	211	S	W
				,	TREES		ESTIMATED TOTAL		PERCENT SAMPLE		
		PLOTS	TREES	1	PER PLOT		TREES	7	TREES		
REFOR COUN BLAN	SE COUNT REST T	41 41	211 211		5.1 5.1		4,381		4.8		
100 %				CTAN	ID CHMM	4 D37					
					ND SUMM						
		SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
W HM	LK	155	89.9	20.8	63	46.5	212.0	32,917	29,716	7,283	7,281
S SPRU	UCE	54	6.8	42.3	108	10.2	66.1	29,925	27,269	4,439	4,440
RCDR	OG	2	.7	25.2	45	0.5	2.4	205	170	55	55
TOTA	.L	211	97.3	23.0	66	58.5	280.5	63,047	57,155	11,777	11,775
	68.1	LIMITS OF TH		LUME WIL	L BE WIT	HIN THE S	SAMPLE ERR	OR			
CL:	68.1 %	COEFF				E TREES -		#	OF TREES	-	INF. POP.
SD:	1.0	VAR.%	S.E.%	LC	OW	AVG	HIGH		5	10	15
W HM		109.2 68.6	8.8 9.3		621 4,992	681 5,505	741 6,018				
RCDR		118.2	110.7		4,992	670	1,412				
TOTA		151.8			1 715				020	220	100
IOIA		131.0	10.4		1,715	1,915	2,115		920	230	102
CL:	68.1 %	COEFF	10.4					#	# OF TREES		INF. POP.
			S.E.%			E TREES -		#			
CL:	68.1 % 1.0	COEFF			SAMPLI	E TREES -	CF	#	OF TREES	REQ.	INF. POP.
CL: SD: W HM S SPRI	68.1 % 1.0 LK UCE	COEFF VAR.% 88.5 69.5	S.E.% 7.1 9.4		SAMPLI DW	E TREES - AVG 151 908	CF HIGH 162 994	#	OF TREES	REQ.	INF. POP.
CL: SD: W HM S SPRU RCDR	68.1 % 1.0 LK UCE OG	COEFF VAR.% 88.5 69.5 107.7	S.E.% 7.1 9.4 100.8		SAMPLI DW 140 822	E TREES - AVG 151 908 187	CF HIGH 162 994 375	#	# OF TREES 5	REQ. 10	INF. POP.
CL: SD: W HM S SPRU RCDR TOTA	68.1 % 1.0 LK UCE OG L	COEFF VAR.% 88.5 69.5 107.7 136.9	S.E.% 7.1 9.4		SAMPLI DW 140	E TREES - AVG 151 908	CF HIGH 162 994	#	OF TREES	REQ.	INF. POP.
CL: SD: W HM S SPRU RCDR TOTA	68.1 % 1.0 LK UCE OG L	COEFF VAR.% 88.5 69.5 107.7	S.E.% 7.1 9.4 100.8		SAMPLI DW 140 822	E TREES - AVG 151 908 187 345	CF HIGH 162 994 375 378		# OF TREES 5	REQ. 10	INF. POP.
CL: SD: W HM S SPRU RCDR TOTA CL: SD:	68.1 % 1.0 LK UCE OG L 68.1 % 1.0	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.%	S.E.% 7.1 9.4 100.8 9.4 S.E.%	LC	SAMPLI DW 140 822 313 TREES/A	E TREES - AVG 151 908 187 345 ACRE AVG	CF HIGH 162 994 375 378		# OF TREES 5	REQ. 10	INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM	68.1 % 1.0 LK UCE OG L 68.1 % 1.0	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7	LC	SAMPLI DW 140 822 313 TREES/ADW 79	E TREES - AVG 151 908 187 345 ACRE AVG 90	CF HIGH 162 994 375 378 HIGH		# OF TREES 5 748 # OF PLOTS	10 187 REQ.	INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD:	68.1 % 1.0 LK UCE OG LL 68.1 % 1.0 LK UCE	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.%	S.E.% 7.1 9.4 100.8 9.4 S.E.%	LC	SAMPLI DW 140 822 313 TREES/A	E TREES - AVG 151 908 187 345 ACRE AVG	CF HIGH 162 994 375 378		# OF TREES 5 748 # OF PLOTS	10 187 REQ.	INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU	68.1 % 1.0 LK UCE OG L 68.1 % 1.0 LK UCE OGO	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0	LC	SAMPLI DW 140 822 313 TREES/ADW 79 5	E TREES - AVG 151 908 187 345 ACRE AVG 90 7	CF HIGH 162 994 375 378 HIGH 100 8		# OF TREES 5 748 # OF PLOTS	10 187 REQ.	INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA	68.1 % 1.0 LK UCE OG L 68.1 % 1.0 LK UCE OGO	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9	LC	SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97	CF HIGH 162 994 375 378 HIGH 100 8 1 108	#	# OF TREES 5 748 # OF PLOTS 5	187 REQ. 10	INF. POP. 15 83 INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA	68.1 % 1.0 LK UCE OG L 68.1 % 1.0 LK UCE OG L 68.1 %	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6 COEFF	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9 10.9	T(SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97	CF HIGH 162 994 375 378 HIGH 100 8 1 108	#	# OF TREES 5 748 # OF PLOTS 5	187 REQ. 10 187 REQ. 10 48 REQ.	INF. POP. 15 83 INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA CL:	68.1 % 1.0 LK UCE OG L 68.1 % 1.0 LK UCE OG L 68.1 % 1.0 LK UCE OG L	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9	T(SAMPLI DW 140 822 313 TREES/ADW 79 5 0 87 BASAL A	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97	CF HIGH 162 994 375 378 HIGH 100 8 1 108	#	# OF TREES 5 748 # OF PLOTS 5	187 REQ. 10	INF. POP. 15 83 INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA CL: SD:	68.1 % 1.0 LK UCE OG L 68.1 % 1.0 LK UCE OG LL 68.1 % 1.0 LK UCE OG L 68.1 % 1.0	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6 COEFF VAR.%	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9 10.9 S.E.%	T(SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87 BASAL A	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97 AREA/AC	CF HIGH 162 994 375 378 HIGH 100 8 1 108 RE HIGH	#	# OF TREES 5 748 # OF PLOTS 5	187 REQ. 10 187 REQ. 10 48 REQ.	INF. POP. 15 83 INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA	68.1 % 1.0 LK UCE OG L 68.1 % 1.0 LK UCE OG L 68.1 % 1.0 LK UCE OG L 68.1 % 1.0 OG L 68.1 %	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6 COEFF VAR.% 46.9 116.5 640.3	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9 10.9 S.E.% 7.3 18.2 99.9	T(SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87 BASAL A DW 197 54 0	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97 AREA/AC AVG 212 66 2	CF HIGH 162 994 375 378 HIGH 100 8 1 108 RE HIGH 228 78 5	#	# OF TREES 5 748 # OF PLOTS 5 194 # OF PLOTS 5	REQ. 10 187 REQ. 10 48 REQ. 10	INF. POP. 15 83 INF. POP. 15 22 INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA	68.1 % 1.0 LK UCE OG L L 68.1 %	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6 COEFF VAR.% 46.9 116.5	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9 10.9 S.E.% 7.3 18.2	T(SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87 BASAL A DW 197 54	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97 AREA/AC AVG 212 66	CF HIGH 162 994 375 378 HIGH 100 8 1 108 RE HIGH 228 78	#	# OF TREES 5 748 # OF PLOTS 5	187 REQ. 10 187 REQ. 10 48 REQ.	INF. POP. 15 83 INF. POP. 15 22 INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA	68.1 % 1.0 LK UCE OG L 68.1 % 1.0 LK UCE OG L 68.1 % 1.0 LK UCE OG L 68.1 % 1.0 OG L 68.1 %	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6 COEFF VAR.% 46.9 116.5 640.3	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9 10.9 S.E.% 7.3 18.2 99.9	T(SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87 BASAL A DW 197 54 0	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97 AREA/AC AVG 212 66 2 281	CF HIGH 162 994 375 378 HIGH 100 8 1 108 RE HIGH 228 78 5	<i>‡</i>	# OF TREES 5 748 # OF PLOTS 5 194 # OF PLOTS 5	REQ. 10 187 REQ. 10 48 REQ. 10	INF. POP. 15 83 INF. POP. 15 22 INF. POP. 15
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CL: SD: W HM S SPRU RCDR TOTA	68.1 % 1.0 LK UCE OG L LK UCE OG L LK UCE OG L 68.1 % 1.0 LK	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6 COEFF VAR.% 46.9 116.5 640.3 39.4 COEFF VAR.% 53.9	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9 10.9 S.E.% 7.3 18.2 99.9 6.2 S.E.% 8.4	LC LC 2	SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87 BASAL A DW 197 54 0 263 NET BF/DW 17,215	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97 AREA/AC 212 66 2 281 ACRE AVG 207 ACRE	CF HIGH 162 994 375 378 HIGH 100 8 1 108 RE HIGH 228 78 5 298 HIGH 32,217	<i>‡</i>	# OF TREES 5 748 # OF PLOTS 5 194 # OF PLOTS 5 62	REQ. 10 187 REQ. 10 48 REQ. 10 16 REQ. 16	INF. POP. 15 83 INF. POP. 15 15 17 INF. POP. 7
CL: SD: W HM S SPRU RCDR TOTA	68.1 % 1.0 LK UCE OG L LK UCE OG L 68.1 % 1.0 LK UCE	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6 COEFF VAR.% 46.9 116.5 640.3 39.4 COEFF VAR.% 53.9 118.0	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9 10.9 S.E.% 7.3 18.2 99.9 6.2 S.E.% 8.4 18.4	LC LC 2	SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87 BASAL A DW 197 54 0 263 NET BF/ DW 27,215	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97 AREA/AC 212 66 2 281 ACRE AVG 29,716 27,269	CF HIGH 162 994 375 378 HIGH 100 8 1 108 RE HIGH 228 78 5 298 HIGH 32,217 32,288	<i>‡</i>	# OF TREES 5 748 # OF PLOTS 5 194 # OF PLOTS 5 62	REQ. 10 187 REQ. 10 48 REQ. 10 16 REQ. 16	INF. POP. 15 83 INF. POP. 15 15 17 INF. POP. 7
CL: SD: W HM S SPRU RCDR TOTA	68.1 % 1.0 LK UCE OG L 68.1 %	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6 COEFF VAR.% 46.9 116.5 640.3 39.4 COEFF VAR.% 53.9 118.0 640.3	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9 10.9 S.E.% 7.3 18.2 99.9 6.2 S.E.% 8.4 18.4 99.9	LC LC 2	SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87 BASAL A DW 197 54 0 263 NET BF/ DW 27,215 22,250 0	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97 AREA/AC 212 66 2 281 ACRE AVG 29,716 27,269 170	CF HIGH 162 994 375 378 HIGH 100 8 1 108 RE HIGH 228 78 5 298 HIGH 32,217 32,288 340	<i>‡</i>	# OF TREES 5 748 # OF PLOTS 5 194 # OF PLOTS 5 62 # OF PLOTS 5	REQ. 10 187 REQ. 10 48 REQ. 10 16 REQ. 10	INF. POP. 15 83 INF. POP. 15 17 INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA	68.1 % 1.0 LK UCE OG L L 68.1 %	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6 COEFF VAR.% 46.9 116.5 640.3 39.4 COEFF VAR.% 53.9 118.0 640.3 56.3	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9 10.9 S.E.% 7.3 18.2 99.9 6.2 S.E.% 8.4 18.4	LC LC 2	SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87 BASAL A DW 197 54 0 263 NET BFA DW 27,215 22,250 0 2,136	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97 AREA/AC 212 66 2 281 ACRE AVG 29,716 27,269 170 57,155	CF HIGH 162 994 375 378 HIGH 100 8 1 108 RE HIGH 228 78 5 298 HIGH 32,217 32,288 340 62,174	‡ ‡	# OF TREES 5 748 # OF PLOTS 5 194 # OF PLOTS 5 62 # OF PLOTS 5	REQ. 10 187 REQ. 10 48 REQ. 10 16 REQ. 10 32	INF. POP. 15 83 INF. POP. 15 22 INF. POP. 15 7 INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM CRCDR TOTA CL: SD: CL: CL: CL: CL: CL: CL: CL: CL: CL: CL	68.1 % 1.0 LK UCE OG L	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6 COEFF VAR.% 46.9 116.5 640.3 39.4 COEFF VAR.% 53.9 118.0 640.3 56.3 COEFF	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9 10.9 S.E.% 7.3 18.2 99.9 6.2 S.E.% 8.4 18.4 99.9 8.8	LC 2 2 5.	SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87 BASAL A DW 197 54 0 263 NET BF/ DW 27,215 22,250 0 2,136 NET CU	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97 AREA/AC 212 66 2 281 ACRE AVG 29,716 27,269 170 57,155 FT FT/AC	CF HIGH 162 994 375 378 HIGH 100 8 1 108 RE HIGH 228 78 5 298 HIGH 32,217 32,288 340 62,174 RE	‡ ‡	# OF TREES 5 748 # OF PLOTS 5 194 # OF PLOTS 5 62 # OF PLOTS 5	REQ. 10 187 REQ. 10 48 REQ. 10 16 REQ. 10 32 REQ.	INF. POP. 15 83 INF. POP. 15 17 INF. POP. 15 17 INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM CL: SD: W HM CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA	68.1 % 1.0 LK UCE OG L 1.0	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6 COEFF VAR.% 46.9 116.5 640.3 39.4 COEFF VAR.% 53.9 118.0 640.3 56.3 COEFF VAR.%	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9 10.9 S.E.% 7.3 18.2 99.9 6.2 S.E.% 8.4 18.4 99.9 8.8 S.E.%	LC 2 2 5.	SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87 BASAL A DW 197 54 0 263 NET BF/ DW 17,215 12,250 0 2,136 NET CU DW	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97 AREA/AC 212 66 2 281 ACRE AVG 29,716 27,269 170 57,155 FT FT/AC AVG	CF HIGH 162 994 375 378 HIGH 100 8 1 108 RE HIGH 228 78 5 298 HIGH 32,217 32,288 340 62,174 RE HIGH	‡ ‡	# OF TREES 5 748 # OF PLOTS 5 194 # OF PLOTS 5 62 # OF PLOTS 5	REQ. 10 187 REQ. 10 48 REQ. 10 16 REQ. 10 32	INF. POP. 15 83 INF. POP. 15 22 INF. POP. 15 7 INF. POP. 15
CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM S SPRU RCDR TOTA CL: SD: W HM CL: SD: W HM CL:	68.1 % 1.0 LK UCE OG L	COEFF VAR.% 88.5 69.5 107.7 136.9 COEFF VAR.% 74.9 128.3 640.3 69.6 COEFF VAR.% 46.9 116.5 640.3 39.4 COEFF VAR.% 53.9 118.0 640.3 56.3 COEFF	S.E.% 7.1 9.4 100.8 9.4 S.E.% 11.7 20.0 99.9 10.9 S.E.% 7.3 18.2 99.9 6.2 S.E.% 8.4 18.4 99.9 8.8	LC 2 2 5.	SAMPLI DW 140 822 313 TREES/A DW 79 5 0 87 BASAL A DW 197 54 0 263 NET BF/ DW 27,215 22,250 0 2,136 NET CU	E TREES - AVG 151 908 187 345 ACRE AVG 90 7 1 97 AREA/AC 212 66 2 281 ACRE AVG 29,716 27,269 170 57,155 FT FT/AC	CF HIGH 162 994 375 378 HIGH 100 8 1 108 RE HIGH 228 78 5 298 HIGH 32,217 32,288 340 62,174 RE	‡ ‡	# OF TREES 5 748 # OF PLOTS 5 194 # OF PLOTS 5 62 # OF PLOTS 5	REQ. 10 187 REQ. 10 48 REQ. 10 16 REQ. 10 32 REQ.	INF. POP. 15

TC TSTA	TC TSTATS STATISTICS PROJECT DOFVAL4 DATE TWP PCF SECT TRACT TYPE ACRES PLOTS TREES CYPE												
TWP	RGE	SECT	TRA	СТ	TYPE	A	CRES	PLOTS	TREES	CuFt	BdFt		
75S	89E	2	34		9904		45.00	41	211	S	W		
CL:	68.1 %	CO	EFF		NET C	CUFT FT/A	CRE		# OF PLO	TS REQ.	INF. POP.		
SD:	1.0	VA	R.	S.E.%	LOW	AVG	HIGH		5	10	15		
TOTA	AL .	40	5.8	7.3	10,916	11,775	12,635		87	22	10		

Species, Sort Grade - Board Foot Volumes (Project) TC PSPCSTGR Project: VAL_U2LT Page 50.00 T75S R89E S13 Ty200C Date 8/15/2018 T75S R89E S13 Ty200S 152.00 202.00 Acres Time 2:49:33PM Percent of Net Board Foot Volume Average Log Logs Net Bd. Ft. per Acre S So Gr Total Log Scale Dia Bd Log Length Dia CF/ Per Ln T rt ad BdFt Def% Spp Gross Net Net MBF 6-7 8-12 13-19 20+ 12-23 24-31 32-36 37-99 Ft In Ft Lf /Acre HM G 2S 4.1 455 436 100 46 30 12 144 1.31 3.0 HMG 3S 32 3.7 2,723 2,620 529 100 8 68 24 35 9 94 0.88 27.8 G 4S 100 100 8 40 0.71 HM 14 3 24 14 .3 HMCS 3S 25 .3 2,007 2,002 404 100 100 36 6 60 0.51 33.5 HMST 2S 23 6.9 2,057 1,915 387 100 24 72 31 14 230 1.93 8.3 НМ PU 3S 38 100 100 32 6 50 0.37 1 38 8 .8 7 HM PU 4S 11 .1 896 894 181 100 52 42 21 6 26 0.36 33.9 HMPU U 3 244 244 49 88 12 61 39 20 6 28 0.45 8.8 **HM** Totals 22 3.2 8,433 8,163 1,649 39 38 23 7 17 67 9 30 8 70 0.71 116.5 10 183 RARA 2S 7.4 196 181 37 28 72 43 48 30 13 1.65 1.0 RA 3S 90 4.0 22 0.92 20.0 RA 1.586 1,523 308 100 52 32 8 76 26 PU CU 7 0.00 RA 24 .5 Totals 5 1,781 52 79 0.93 RA 4.4 1,704 344 92 8 28 20 32 21.6 S G 2S 1,139 229 100 7 80 12 34 12 168 1.29 6.8 .6 1,133 S G 3S 19 4,860 4,860 982 100 11 63 26 35 9 110 0.91 44.1 10 100 100 6 S CS 3S 2,728 2,728 551 36 60 0.55 45.5 S ST 2S 49 12,514 12,498 2,525 100 0 9 62 29 35 15 321 2.01 38.9 S PU 4S 542 542 83 17 17 6 21 0.37 25.8 110 100 S PU U 79 79 100 19 6 21 0.30 3.7 16 66 34 O 2S 100 5 736 S 16 3.998 3,998 808 73 23 36 22 3.99 5.4 S Totals .1 25,860 25,838 5,219 13 23 48 16 8 67 23 32 10 152 1.15 170.3 WH SH 1S 10 16.8 188 156 32 100 20 80 39 25 965 6.43 .2 2 17 7 .2 WH D 3S 17 3 59 41 23 36 41 34 70 1.62 2 45 7 22 0.87 .9 8.7 33 30 6 55 67 7 33 WH D 4S 25 WH K 2S 25 5.0 378 359 73 3 92 5 1 83 16 35 15 295 2.38 1.2 WH K 3S 2 36 36 7 40 60 100 33 14 254 1.81 .1 WH RS 2S 57 8.4 890 815 165 3 97 57 43 37 24 895 5.61 .9 100 100 19 0.56 .3 WH PU 4S 5 5 1 14 6 2 17 100 100 .3 WH PU U 17 3 38 6 60 1.54 WH Totals 4 8.2 1,564 1,435 290 3 3 26 67 2 58 39 32 14 349 3.00 4.1 18 78 75 15 40 54 5260 22.09 .0 SS SH 1S 3.7 100 100 D 3S 5 40.3 39 23 5 9 91 91 9 28 27 660 7.38 .0 SS 2 15.6 10 9 2 100 22 78 29 15 197 3.15 .0 SSK 2S SS RS 2S 74 319 307 62 100 18 82 38 32 1913 8.67 .2 SS PU 4S 0 0 0 100 100 21 7 30 1.22 .0 1 0 1556 .3 7.1 446 415 84 0 97 6 16 79 34 28 8.38 SSTotals 38,085 10 31 9 312.7 Totals 14 37,555 7,586 17 29 40 14 3 66 21 120 1.01

TC PSTATS						OJECT OJECT		TICS U2LT			PAGE DATE	1 8/15/2018
TWP RG	ЗE	SC	TRACT	ŗ	ГҮРЕ		AC	RES	PLOTS	TREES	CuFt	BdFt
75S 89E 75S 89E		13 2 13 2			200C 200S		202.00		162	912	S	W
733 89E	•	13			2003	TREES		ESTIMATED TOTAL		ERCENT SAMPLE		
		P	PLOTS	TREES		PER PLOT		TREES		TREES		
TOTAL			162	912		5.6						
CRUISE DBH COUN REFOREST COUNT BLANKS 100 %			162	912		5.6		38,074		2.4		
100 /0					STA	ND SUMM	ARY					
		Ç A	MPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
			REES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
SPRC SG			537	86.4	18.8	68	38.4	166.7	25,860	25,838	6,281	6,281
HMLK SG			253	79.6	14.2	49	23.3	87.6	8,433	8,163	2,433	2,433
RD ALDER	2		89	20.6	15.9	40	7.1	28.3	1,781	1,704	637	637
W HMLK			29	1.8	32.4	79	1.8	10.0	1,564	1,435	392	392
S SPRUCE TOTAL			4 912	.1 188.5	52.0 16.9	130 57	0.2 71.5	1.1 293.8	446 38,085	415 <i>37,555</i>	77 9,820	9,820
CL 68.	.1		COEFF			SAMPLI	E TREES -	BF	#	OF TREES R	EQ.	INF. POP.
SD: 1.	.1 .0		VAR.%	S.E.%	L	OW	AVG	HIGH	#	OF TREES R 5	EQ. 10	
SD: 1.			VAR.% 72.6	3.1	L	OW 452	AVG 466	HIGH 481	#		=	
SD: 1 SPRC SG HMLK SG	.0		VAR.% 72.6 82.4	3.1 5.2	L	OW 452 148	AVG 466 156	HIGH 481 164	#		=	INF. POP.
SD: 1.	.0		VAR.% 72.6	3.1	L	OW 452	AVG 466	HIGH 481	#		=	
SD: 1 SPRC SG HMLK SG RD ALDER	.0		72.6 82.4 60.3	3.1 5.2 6.4	L	OW 452 148 89	AVG 466 156 95	HIGH 481 164 101	#		=	
SD: 1 SPRC SG HMLK SG RD ALDER W HMLK	.0		VAR.% 72.6 82.4 60.3 60.0	3.1 5.2 6.4 11.3	L	OW 452 148 89 996	466 156 95 1,123	HIGH 481 164 101 1,251	#		=	
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68.	.1		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF	3.1 5.2 6.4 11.3 45.5 5.2		0W 452 148 89 996 3,466 371 SAMPLI	AVG 466 156 95 1,123 6,360 391 E TREES -	HIGH 481 164 101 1,251 9,254 411 CF		5 971 OF TREES R	10 243 EQ.	INF. POP.
SD: 1 SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1	.1		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.%	3.1 5.2 6.4 11.3 45.5 5.2		OW 452 148 89 996 3,466 371 SAMPLI OW	AVG 466 156 95 1,123 6,360 391 E TREES - AVG	HIGH 481 164 101 1,251 9,254 411 CF HIGH		971	10	10
SD: 1 SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1 SPRC SG	.1		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0	3.1 5.2 6.4 11.3 45.5 5.2 S.E.%		996 3,466 371 SAMPLI OW	AVG 466 156 95 1,123 6,360 391 E TREES - AVG	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113		5 971 OF TREES R	10 243 EQ.	INF. POP.
SD: 1 SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1	.1		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.%	3.1 5.2 6.4 11.3 45.5 5.2		OW 452 148 89 996 3,466 371 SAMPLI OW	AVG 466 156 95 1,123 6,360 391 E TREES - AVG	HIGH 481 164 101 1,251 9,254 411 CF HIGH		5 971 OF TREES R	10 243 EQ.	INF. POP.
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG	.1		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1		996 3,466 371 SAMPLI OW	AVG 466 156 95 1,123 6,360 391 E TREES - AVG 110 47	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49		5 971 OF TREES R	10 243 EQ.	INF. POP.
SD: 1 SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1 SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE	.1 .0		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9		OW 452 148 89 996 3,466 371 SAMPLI OW 107 44 34 266 786	AVG 466 156 95 1,123 6,360 391 E TREES - AVG 110 47 36	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38		5 971 OF TREES R 5	10 243 EQ.	INF. POP.
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK	.1 .0		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1		996 3,466 371 SAMPLI OW 107 44 34 266	AVG 466 156 95 1,123 6,360 391 E TREES - AVG 110 47 36 293	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319		5 971 OF TREES R	10 243 EQ.	INF. POP.
SD: 1 SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1 SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE	.10		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9		OW 452 148 89 996 3,466 371 SAMPLI OW 107 44 34 266 786	AVG 466 156 95 1,123 6,360 391 E TREES - AVG 110 47 36 293 1,188 96	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319 1,591	#	5 971 OF TREES R 5	243 EQ. 10	INF. POP.
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1.	.10		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3 120.4 COEFF VAR.%	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9 4.0	L	OW 452 148 89 996 3,466 371 SAMPLE OW 107 44 34 266 786 92 TREES/A	AVG 466 156 95 1,123 6,360 391 ETREES - AVG 110 47 36 293 1,188 96 ACRE AVG	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319 1,591 100 HIGH	#	971 OF TREES R 5	243 EQ. 10	INF. POP.
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SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SPRUCE TOTAL CL 68. SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG HMLK SG	.1 .0		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3 120.4 COEFF VAR.% 92.5 112.1	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9 4.0 S.E.% 7.3 8.8	L	OW 452 148 89 996 3,466 371 SAMPLI OW 107 44 34 266 786 92 TREES/A OW 80 73	AVG 466 156 95 1,123 6,360 391 E TREES - AVG 110 47 36 293 1,188 96 ACRE AVG 86 80	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319 1,591 100 HIGH 93 87	#	971 OF TREES R 5 578 OF PLOTS R	243 EQ. 10	INF. POP.
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL	.1 .0		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3 120.4 COEFF VAR.% 92.5 112.1 191.6	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9 4.0 S.E.% 7.3 8.8 15.0	L	OW 452 148 89 996 3,466 371 SAMPLI OW 107 44 34 266 786 92 TREES/A	AVG 466 156 95 1,123 6,360 391 E TREES - AVG 110 47 36 293 1,188 96 ACRE AVG 86	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319 1,591 100 HIGH 93	#	971 OF TREES R 5 578 OF PLOTS R	243 EQ. 10	INF. POP.
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SPRUCE TOTAL CL 68. SPRUCE TOTAL SPRC SG HMLK SG HMLK SG SD: 1.	.1 .0		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3 120.4 COEFF VAR.% 92.5 112.1	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9 4.0 S.E.% 7.3 8.8	L	OW 452 148 89 996 3,466 371 SAMPLI OW 107 44 34 266 786 92 TREES/A OW 80 73 18	AVG 466 156 95 1,123 6,360 391 ETREES - AVG 110 47 36 293 1,188 96 ACRE AVG 86 80 21	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319 1,591 100 HIGH 93 87 24	#	971 OF TREES R 5 578 OF PLOTS R	243 EQ. 10	INF. POP.
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SPRUCE TOTAL CL 68. SPRUCE TOTAL CL 68. SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S W HMLK S W HMLK S W HMLK W HMLK	.1 .0		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3 120.4 COEFF VAR.% 92.5 112.1 191.6 390.1	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9 4.0 S.E.% 7.3 8.8 15.0 30.6	L	OW 452 148 89 996 3,466 371 SAMPLI OW 107 44 34 266 786 92 TREES/A OW 80 73 18 1	AVG 466 156 95 1,123 6,360 391 ETREES - AVG 110 47 36 293 1,188 96 ACRE AVG 86 80 21 2	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319 1,591 100 HIGH 93 87 24 2	#	971 OF TREES R 5 578 OF PLOTS R	243 EQ. 10	INF. POP.
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SPRUCE TOTAL CL 68. SPRUCE TOTAL CL 68. SPRUCE TOTAL SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE W HMLK S SPRUCE	.1 .0		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3 120.4 COEFF VAR.% 92.5 112.1 191.6 390.1 667.3	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9 4.0 S.E.% 7.3 8.8 15.0 30.6 52.4	L	OW 452 148 89 996 3,466 371 SAMPLI OW 107 44 34 266 786 92 TREES/A OW 80 73 18 1 0 180	AVG 466 156 95 1,123 6,360 391 E TREES - AVG 110 47 36 293 1,188 96 ACRE AVG 86 80 21 2 0	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319 1,591 100 HIGH 93 87 24 2 0 197	#	5 971 OF TREES R 5 578 OF PLOTS R 5	243 EQ. 10 145 EQ. 10	INF. POP.
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. CL 68. SD: 1.	.1 .0		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3 120.4 COEFF VAR.% 92.5 112.1 191.6 390.1 667.3 57.2	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9 4.0 S.E.% 7.3 8.8 15.0 30.6 52.4	L	OW 452 148 89 996 3,466 371 SAMPLI OW 107 44 34 266 786 92 TREES/A OW 80 73 18 1 0 180	AVG 466 156 95 1,123 6,360 391 ETREES - AVG 110 47 36 293 1,188 96 ACRE AVG 86 80 21 2 0 188	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319 1,591 100 HIGH 93 87 24 2 0 197	#	5 971 OF TREES R 5 578 OF PLOTS R 5	243 EQ. 10 145 EQ. 10	INF. POP.
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG	.1 .0		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3 120.4 COEFF VAR.% 92.5 112.1 191.6 390.1 667.3 57.2 COEFF VAR.% 68.9	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9 4.0 S.E.% 7.3 8.8 15.0 30.6 52.4 4.5 S.E.% 5.4	L	OW 452 148 89 996 3,466 371 SAMPLI OW 107 44 34 266 786 92 TREES/A OW 80 73 18 1 0 180 BASAL A OW 158	AVG 466 156 95 1,123 6,360 391 ETREES - AVG 110 47 36 293 1,188 96 ACRE AVG 86 80 21 2 0 188 AREA/ACI AVG 167	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319 1,591 100 HIGH 93 87 24 2 0 197 RE HIGH 176	#	5 971 OF TREES R 5 578 OF PLOTS R 5	243 EQ. 10 145 EQ. 10	INF. POP. INF. POP.
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG HMLK SG HMLK SG	.1 .0		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3 120.4 COEFF VAR.% 92.5 112.1 191.6 390.1 667.3 57.2 COEFF VAR.% 68.9 107.2	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9 4.0 S.E.% 7.3 8.8 15.0 30.6 52.4 4.5 S.E.% 5.4 8.4	L	OW 452 148 89 996 3,466 371 SAMPLI OW 107 44 34 266 786 92 TREES/A OW 80 73 18 1 0 180 BASAL A OW 158 80	AVG 466 156 95 1,123 6,360 391 ETREES - AVG 110 47 36 293 1,188 96 ACRE AVG 86 80 21 2 0 188 AREA/ACI AVG 167 88	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319 1,591 100 HIGH 93 87 24 2 0 197 RE HIGH 176 95	#	5 971 OF TREES R 5 578 OF PLOTS R 5	243 EQ. 10 145 EQ. 10	INF. POP. INF. POP.
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL	.1 .0		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3 120.4 COEFF VAR.% 92.5 112.1 191.6 390.1 667.3 57.2 COEFF VAR.% 68.9 107.2 178.8	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9 4.0 S.E.% 7.3 8.8 15.0 30.6 52.4 4.5 S.E.% 5.4 8.4 14.0	L	OW 452 148 89 996 3,466 371 SAMPLI OW 107 44 34 266 786 92 TREES/A OW 80 73 18 1 0 180 BASAL A OW 158 80 24	AVG 466 156 95 1,123 6,360 391 ETREES - AVG 110 47 36 293 1,188 96 ACRE AVG 86 80 21 2 0 188 AREA/ACI AVG 167 88 28	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319 1,591 100 HIGH 93 87 24 2 0 197 RE HIGH 176 95 32	#	5 971 OF TREES R 5 578 OF PLOTS R 5	243 EQ. 10 145 EQ. 10	INF. POP. INF. POP.
SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG RD ALDER W HMLK S SPRUCE TOTAL CL 68. SD: 1. SPRC SG HMLK SG HMLK SG HMLK SG	.1 .0		VAR.% 72.6 82.4 60.3 60.0 79.7 156.0 COEFF VAR.% 65.0 81.2 53.1 48.3 59.3 120.4 COEFF VAR.% 92.5 112.1 191.6 390.1 667.3 57.2 COEFF VAR.% 68.9 107.2	3.1 5.2 6.4 11.3 45.5 5.2 S.E.% 2.8 5.1 5.6 9.1 33.9 4.0 S.E.% 7.3 8.8 15.0 30.6 52.4 4.5 S.E.% 5.4 8.4	L	OW 452 148 89 996 3,466 371 SAMPLI OW 107 44 34 266 786 92 TREES/A OW 80 73 18 1 0 180 BASAL A OW 158 80	AVG 466 156 95 1,123 6,360 391 ETREES - AVG 110 47 36 293 1,188 96 ACRE AVG 86 80 21 2 0 188 AREA/ACI AVG 167 88	HIGH 481 164 101 1,251 9,254 411 CF HIGH 113 49 38 319 1,591 100 HIGH 93 87 24 2 0 197 RE HIGH 176 95	#	5 971 OF TREES R 5 578 OF PLOTS R 5	243 EQ. 10 145 EQ. 10	INF. POP. INF. POP.

TC PSTATS

PROJECT STATISTICS PROJECT VALUELT

PAGE **2**DATE 8/15/2018

					PROJECT	VA	L U2LT			DATE	8/15/2018
TWP	RGE	SC	TRACT	•	ГҮРЕ	A	ACRES		TREES	CuFt	BdFt
75S 75S	89E 89E	13 13	2 2		200C 200S		202.00	162	912	S	W
CL	68.1		COEFF		NET B	F/ACRE			# OF PLOTS R	EQ.	INF. POP.
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
SPRC	SG		70.5	5.5	24,408	25,838	27,268				
HML	K SG		115.3	9.1	7,424	8,163	8,902				
RD A	LDER		206.3	16.2	1,428	1,704	1,980				
W HN	ИLK		367.2	28.8	1,022	1,435	1,849				
S SPF	RUCE		725.8	57.0	178	415	651				
TOT	AL		44.1	3.5	36,255	37,555	38,855		78	19	9
CL	68.1		COEFF		NET C	UFT FT/A	CRE		# OF PLOTS R	EQ.	INF. POP.
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
SPRC	SG		69.9	5.5	5,936	6,281	6,625				
HML	K SG		113.7	8.9	2,216	2,433	2,650				
RD A	LDER		185.4	14.6	544	637	730				
W HN	ИLK		359.6	28.2	282	392	503				
S SPF	RUCE		673.9	52.9	36	77	118				
TOT	AL		39.8	3.1	9,513	9,820	10,127		63	16	7

T	TSPCSTG	R			Species	s, Sort C Project:	Grade - Boar USF	d Foo SVAL		umes	з (Тур	oe)				Pa Da Tir	te 8	1 3/15/20 2:03:3	
T75S Twj 75S		9 T9999 ge)E		Tract		Type 9999	Acre		Plots		_	e Trees 396		c s	uFt	T75S BdFt W	R90E S1	9 T999	9
Spp	s so	Gr ad	% Net BdFt	Bd. I	Ft. per Acre Gross	Net	Total Net MBF		og Sca			Log 12-23	Leng		37-99	Aver Ln Dia Ft In	age Log Bd Ft	CF/ Lf	Logs Per /Acre
s s	G G	2S 3S	7 22		2,387 6,653	2,387 6,653	174 486		100 100				26 14	60 59	14 26	33 12 34 9		1.27 0.84	14.6 64.9
s s	CS ST	3S 2S	13 50	.3 .5	4,226 15,639	4,212 15,560	307 1,136	100		100			20	100 59	22	36 6 33 15		0.50 1.85	70.4 54.4
s s	PU PU	3S 4S	1		48 471	48 471	3 34	100 100				69	31	100		35 6 19 6			1.0 19.5
S S	PU O	U 2S	6		22 1,663	22 1,663	2 121	100			100	100		66	34	15 6 36 21			1.3 2.3
S	Totals		80	.3	31,109	31,016	2,264	15	29	50	5	1	16	64	19	33 10	136	1.00	228.3
HM HM HM	G G CS	2S 3S 3S	3 58 21	.8	201 3,776 1,386	201 3,744 1,386	15 273 101	100	100 100				29 13	71 56 100	31	29 12 35 9 36 6	93	0.75	1.4 40.1 23.1
HM HM	ST PU	2S 3S	2 2	11.4	140 159	140 141	10 10	28		100 72		36	48 35	52 28		30 14 26 10		1.78 0.86	.7 1.6
HM HM	PU PU	4S U	12 2	1.8	790 78	775 78	57 6	100 100				38 53	62 47			23 6 21 6			28.0 3.3
НМ	Totals		17	1.0	6,531	6,466	472	35	61	4		6	18	58	18	31 7	66	0.59	98.1
RA	RA	3S	100	2.8	1,396	1,357	99		100				49	37	14	30 8			19.7
RA Type T	Totals		3	2.8	1,396	1,357	99		100				49	37	14	30 8	69	0.75	19.7

TC PST	CATS				OJECT OJECT	STATIS USF	STICS SVAL9			PAGE DATE	1 8/15/2018
ГWР	RGE	SC TRACT	ı	ТҮРЕ		AC	RES	PLOTS	TREES	CuFt	BdFt
75S	90E	19 1		9999			73.00	72	396	S	W
					TREES		ESTIMATED TOTAL		PERCENT SAMPLE		
		PLOTS	TREES		PER PLOT		TREES		TREES		
TOTA	AL	72	396		5.5						
	COUNT DREST NT NKS	72	396		5.5		15,774		2.5		
				STAN	ND SUMM	IARY					
		SAMPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
		TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
SPRC	SG	278	122.4	17.6	67	49.3	206.7	31,109	31,016	7,504	7,504
HMLF		90	73.5	13.2	50	19.3	70.1	6,531	6,466	1,797	1,797
	LDER	28	20.1	14.1	36	5.8	21.9	1,396	1,357	441	441
TOTA	AL	396	216.1	15.9	58	74.9	298.6	39,036	38,839	9,741	9,742
CL	68.1	8.1 TIMES OU	T OF 100 THE	VOLUME		E TREES -			OF TREES R	EΟ	INF. POP.
SD:	1.0	VAR.%	S.E.%	L	OW	AVG	HIGH	π	5	10	1
SPRC	110	64.8	3.9		340	354	368			10	
HML	K SG	53.1	5.6		99	105	111				
RD Al	LDER	43.2	8.3		66	73	79				
TOTA	AL	81.8	4.1		266	278	289		267	67	3
CL	68.1	COEFF			SAMPL	E TREES -	· CF	#	OF TREES R	EQ.	INF. POP.
SD:	1.0	VAR.%	S.E.%	L	OW	AVG	HIGH		5	10	1
SPRC		56.9	3.4		81	83	86				
HML		50.5	5.3		28	29	31				
					22	24	26				2.
RD Al		40.0	7.7				60				/
RD Al		71.4	3.6		64	67	69		204	51	
TOTA CL	AL 68.1	71.4 COEFF	3.6		64 TREES/	67 ACRE		#	OF PLOTS R	EQ.	INF. POP.
CL SD:	68.1 1.0	71.4 COEFF VAR.%	3.6 S.E.%	Lo	64 TREES/	67 ACRE AVG	HIGH	#			
CL SD:	68.1 1.0	71.4 COEFF VAR.% 64.0	3.6 S.E.% 7.5	Lo	64 TREES/ OW 113	67 /ACRE AVG 122	HIGH 132	#	OF PLOTS R	EQ.	INF. POP.
CL SD: SPRC HMLF	68.1 1.0 2 SG K SG	71.4 COEFF VAR.% 64.0 137.6	3.6 S.E.% 7.5 16.2	L	64 TREES/ OW 113 62	67 /ACRE AVG 122 74	HIGH 132 85	#	OF PLOTS R	EQ.	INF. POP.
CL SD: SPRC HMLF	68.1 1.0 2 SG K SG LDER	71.4 COEFF VAR.% 64.0	3.6 S.E.% 7.5 16.2 23.2	Lo	64 TREES/ OW 113	67 /ACRE AVG 122 74 20	HIGH 132 85 25	#	OF PLOTS R	EQ.	INF. POP.
CL SD: SPRC HMLH RD AI	68.1 1.0 2 SG K SG LDER	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0	3.6 S.E.% 7.5 16.2	L	64 TREES/ OW 113 62 15 204	67 ACRE AVG 122 74 20 216	HIGH 132 85 25 229		F OF PLOTS R 5	EQ. 10	INF. POP. 1
CL SD: SPRC HMLE RD AI TOTAL	68.1 1.0 2 SG K SG LDER AL 68.1	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF	3.6 S.E.% 7.5 16.2 23.2 5.8		64 TREES/ OW 113 62 15 204 BASAL	67 ACRE AVG 122 74 20 216 AREA/AC	HIGH 132 85 25 229		96 FOF PLOTS R	EQ. 10 24 EQ.	INF. POP. 1 INF. POP.
CL SD: SPRC HMLH RD AI TOTAL CL SD:	68.1 1.0 2 SG K SG LDER AL 68.1 1.0	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF VAR.%	3.6 S.E.% 7.5 16.2 23.2 5.8 S.E.%		64 TREES/ OW 113 62 15 204 BASAL OW	67 ACRE AVG 122 74 20 216 AREA/AC	HIGH 132 85 25 229 RE HIGH		F OF PLOTS R 5	EQ. 10	INF. POP. 1
CL SD: SPRC HMLE RD AI TOTAL	68.1 1.0 2 SG K SG LDER AL 68.1 1.0	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF	3.6 S.E.% 7.5 16.2 23.2 5.8		64 TREES/ OW 113 62 15 204 BASAL	67 ACRE AVG 122 74 20 216 AREA/AC	HIGH 132 85 25 229		96 FOF PLOTS R	EQ. 10 24 EQ.	INF. POP. 1 INF. POP.
CL SD: CL SD: SPRC HMLH SD: SPRC HMLH	68.1 1.0 2 SG K SG LDER AL 68.1 1.0	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF VAR.% 58.5	3.6 S.E.% 7.5 16.2 23.2 5.8 S.E.%		64 TREES/OW 113 62 15 204 BASAL OW 192	67 ACRE AVG 122 74 20 216 AREA/AC AVG 207	HIGH 132 85 25 229 RE HIGH 221		96 FOF PLOTS R	EQ. 10 24 EQ.	INF. POP. 1 INF. POP.
CL SD: CL SD: SPRC HMLH SD: SPRC HMLH	68.1 1.0 5 SG K SG LDER AL 68.1 1.0 5 SG K SG	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF VAR.% 58.5 128.4	3.6 S.E.% 7.5 16.2 23.2 5.8 S.E.% 6.9 15.1		64 TREES/ OW 113 62 15 204 BASAL OW 192 59	67 ACRE AVG 122 74 20 216 AREA/AC AVG 207 70	HIGH 132 85 25 229 RE HIGH 221 81		96 FOF PLOTS R	EQ. 10 24 EQ.	INF. POP. 1 INF. POP.
CL SD: CL SD: CL SD: SPRC HMLH SD: SPRC HMLH SD: SPRC HMLH RD All	68.1 1.0 5 SG K SG LDER AL 68.1 1.0 5 SG K SG	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF VAR.% 58.5 128.4 194.9	3.6 S.E.% 7.5 16.2 23.2 5.8 S.E.% 6.9 15.1 23.0		64 TREES/OW 113 62 15 204 BASAL OW 192 59 17	67 ACRE AVG 122 74 20 216 AREA/AC AVG 207 70 22 299	HIGH 132 85 25 229 RE HIGH 221 81 27	#	96 FOF PLOTS R 96 FOF PLOTS R 5	EQ. 10 24 EQ. 10	INF. POP. INF. POP. 1
CL SPRC HMLE SD: SPRC HMLE SD: SPRC HMLE RD AI TOTAL	68.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF VAR.% 58.5 128.4 194.9 39.0	3.6 S.E.% 7.5 16.2 23.2 5.8 S.E.% 6.9 15.1 23.0	Lo	64 TREES/OW 113 62 15 204 BASAL OW 192 59 17 285	67 ACRE AVG 122 74 20 216 AREA/AC AVG 207 70 22 299	HIGH 132 85 25 229 RE HIGH 221 81 27	#	96 GF PLOTS R 5 96 FOF PLOTS R 5	EQ. 10 24 EQ. 10	INF. POP. 1 INF. POP. 1
CL SD: SPRC HMLE SD: SPRC HMLE TOTAL CL	68.1 1.0 5 SG K SG LDER AL 68.1 1.0 5 SG K SG LDER AL 68.1 1.0	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF VAR.% 58.5 128.4 194.9 39.0 COEFF	3.6 S.E.% 7.5 16.2 23.2 5.8 S.E.% 6.9 15.1 23.0 4.6	L	64 TREES/OW 113 62 15 204 BASAL OW 192 59 17 285 NET BF	67 ACRE AVG 122 74 20 216 AREA/AC AVG 207 70 22 299	HIGH 132 85 25 229 RE HIGH 221 81 27 312	#	96 FOF PLOTS R 5 96 FOF PLOTS R 5 61 FOF PLOTS R	EQ. 10 24 EQ. 10 15 EQ.	INF. POP. INF. POP. INF. POP.
CL SD: SPRC HMLE RD AI TOTAL CL SD: SPRC HMLE SD: SPRC HML	68.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF VAR.% 58.5 128.4 194.9 39.0 COEFF VAR.% 60.3 135.0	3.6 S.E.% 7.5 16.2 23.2 5.8 S.E.% 6.9 15.1 23.0 4.6 S.E.% 7.1 15.9	Lo Lo	113 62 15 204 BASAL OW 192 59 17 285 NET BF OW 28,814 5,438	ACRE AVG 122 74 20 216 AREA/AC AVG 207 70 22 299 VACRE AVG 31,016 6,466	HIGH 132 85 25 229 RE HIGH 221 81 27 312 HIGH 33,218 7,494	#	96 FOF PLOTS R 5 96 FOF PLOTS R 5 61 FOF PLOTS R	EQ. 10 24 EQ. 10 15 EQ.	INF. POP. INF. POP. INF. POP.
CL SD: SPRC HMLE RD AI TOTAL CL SD: SPRC HMLE RD AI TOTAL CL SD: SPRC HMLE RD AI RD AI RD AI RD AI	68.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF VAR.% 58.5 128.4 194.9 39.0 COEFF VAR.% 60.3 135.0 221.6	3.6 S.E.% 7.5 16.2 23.2 5.8 S.E.% 6.9 15.1 23.0 4.6 S.E.% 7.1 15.9 26.1	Lo Lo	113 62 15 204 BASAL OW 192 59 17 285 NET BF OW 5,438 1,003	ACRE AVG 122 74 20 216 AREA/AC AVG 207 70 22 299 VACRE AVG 31,016 6,466 1,357	HIGH 132 85 25 229 RE HIGH 221 81 27 312 HIGH 33,218 7,494 1,711	#	96 FOF PLOTS R 5 96 FOF PLOTS R 5 61 FOF PLOTS R 5	EQ. 10 24 EQ. 10 15 EQ. 10	INF. POP. 1 INF. POP. 1 INF. POP.
CL SD: SPRC HMLH RD AI TOTA CL SD: SPRC HMLH RD AI TOTA CL SPRC HMLH SD: SPRC HMLH SD:	68.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF VAR.% 58.5 128.4 194.9 39.0 COEFF VAR.% 60.3 135.0	3.6 S.E.% 7.5 16.2 23.2 5.8 S.E.% 6.9 15.1 23.0 4.6 S.E.% 7.1 15.9	Lo Lo	113 62 15 204 BASAL OW 192 59 17 285 NET BF OW 28,814 5,438	ACRE AVG 122 74 20 216 AREA/AC AVG 207 70 22 299 VACRE AVG 31,016 6,466	HIGH 132 85 25 229 RE HIGH 221 81 27 312 HIGH 33,218 7,494	#	96 FOF PLOTS R 5 96 FOF PLOTS R 5 61 FOF PLOTS R	EQ. 10 24 EQ. 10 15 EQ.	INF. POP. INF. POP. INF. POP.
CL SD: SPRC HMLE SD: SPRC HMLE SD: SPRC HMLE RD AI TOTA CL SD: SPRC HMLE RD AI TOTA	68.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF VAR.% 58.5 128.4 194.9 39.0 COEFF VAR.% 60.3 135.0 221.6	3.6 S.E.% 7.5 16.2 23.2 5.8 S.E.% 6.9 15.1 23.0 4.6 S.E.% 7.1 15.9 26.1	Lo Lo	113 62 15 204 BASAL OW 192 59 17 285 NET BF OW 28,814 5,438 1,003 6,743	ACRE AVG 122 74 20 216 AREA/AC AVG 207 70 22 299 VACRE AVG 31,016 6,466 1,357	HIGH 132 85 25 229 RE HIGH 221 81 27 312 HIGH 33,218 7,494 1,711 40,935	#	96 FOF PLOTS R 5 96 FOF PLOTS R 5 61 FOF PLOTS R 5	EQ. 10 24 EQ. 10 15 EQ. 10	INF. POP. 1 INF. POP. 1 INF. POP.
CL SD: SPRC HMLE RD AI TOTAL CL SD: SPRC HMLE RD AI TOTAL CL SD: SPRC HMLE RD AI TOTAL RD	68.1 1.0 2.5G K. SG LDER AL 68.1 1.0 2.5G K. SG LDER AL 68.1 1.0 2.5G K. SG LDER AL	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF VAR.% 58.5 128.4 194.9 39.0 COEFF VAR.% 60.3 135.0 221.6 45.8	3.6 S.E.% 7.5 16.2 23.2 5.8 S.E.% 6.9 15.1 23.0 4.6 S.E.% 7.1 15.9 26.1	Lo 2	113 62 15 204 BASAL OW 192 59 17 285 NET BF OW 28,814 5,438 1,003 6,743	ACRE AVG 122 74 20 216 AREA/AC AVG 207 70 22 299 E/ACRE AVG 31,016 6,466 1,357 38,839	HIGH 132 85 25 229 RE HIGH 221 81 27 312 HIGH 33,218 7,494 1,711 40,935	#	96 FOF PLOTS R 5 96 FOF PLOTS R 5 61 FOF PLOTS R 5	EQ. 10 24 EQ. 10 15 EQ. 10	INF. POP. INF. POP. 1 INF. POP. 1
CL SD: SPRC HMLE RD AI TOTAL CL	68.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	71.4 COEFF VAR.% 64.0 137.6 196.6 49.0 COEFF VAR.% 58.5 128.4 194.9 39.0 COEFF VAR.% 60.3 135.0 221.6 45.8 COEFF	3.6 S.E.% 7.5 16.2 23.2 5.8 S.E.% 6.9 15.1 23.0 4.6 S.E.% 7.1 15.9 26.1 5.4	Lo 3	113 62 15 204 BASAL OW 192 59 17 285 NET BF OW 28,814 5,438 1,003 16,743 NET CU	ACRE AVG 122 74 20 216 AREA/AC AVG 207 70 22 299 OACRE AVG 31,016 6,466 1,357 38,839 UFT FT/AC	HIGH 132 85 25 229 RE HIGH 221 81 27 312 HIGH 33,218 7,494 1,711 40,935	#	96 FOF PLOTS R 5 96 FOF PLOTS R 5 61 FOF PLOTS R 5	EQ. 10 24 EQ. 10 15 EQ. 10 21 EQ. 10	INF. POP. INF. POP. 1 INF. POP.

TC PST	ATS				PROJECT PROJECT		STICS FSVAL9			PAGE DATE	2 8/15/2018
TWP	RGE	SC	TRACT	TY	PE	A	CRES	PLOTS	TREES	CuFt	BdFt
75S	90E	19	1	999	9		73.00	72	396	S	W
CL	68.1		COEFF		NET C	UFT FT/A	CRE		# OF PLOTS	S REQ.	INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
RD A	RD ALDER 20		209.0	24.6	332	441	549				
TOTA	AL		43.9	5.2	9,238	9,742	10,245		77	19	9