TIMBER NOTICE OF SALE

***SALE NAME**: MIXED GRAVY VRH THIN* ***AGREEMENT NO**: 30-092644*

AUCTION: December 17, 2015 starting at 10:00 a.m., Pacific Cascade Region Office, Castle Rock, WA **COUNTY:** Cowlitz

SALE LOCATION: Sale located approximately 12 miles east of Toutle

PRODUCTS SOLD AND SALE AREA: In all thinning units all trees except leave trees described in the Schedule A, snags and western red cedar bounded by; Timber Sale Boundary tags, property line and the 4200, road in Unit 1, Timber Sale Boundary tags, and the 2710, 4200, and 4253 roads in Unit 2, Timber Sale Boundary tags, and the 2710 in Unit 3, Timber Sale Boundary tags, Special Management Unit Boundary tags and the 2715 road in Unit 11. In Variable Retention Harvest (VRH) units all timber, except trees marked with blue paint, trees bounded out by Leave Tree Area tags, western red cedar, snags, all down timber existing 3 years prior to day of sale, all down timber greater than 40 inches in diameter and all pre-existing stumps bounded by; Timber Sale Boundary tags, property line, and the 2710 road in Unit 4, Timber Sale Boundary tags, Special Management Unit Boundary tags, property line, and the 2175 road in Unit 5, Timber Sale Boundary tags, and the 2715 road in Unit 6, Timber Sale Boundary tags, private property, and the 2715 and 4250 road in Unit 7. All timber between the orange Right of Way tags in Units 8, 9, and 10 on part(s) of Sections 2, 3, 4, 10 and 11 all in Township 9 North, Range 2 East, W.M., containing 338 acres, more or less.

CERTIFICATION: This sale is certified under the Sustainable Forestry Initiative® program Standard (cert no: BV-SFIS-US09000572)

ESTIMATED SALE VOLUMES AND QUALITY:

Species	Avg DBH	Ring Count	Total MBF	Total $/MBF	MBF by Grade 1P	2P	3P	SM	1S	2S	3S	4S	UT
Douglas fir	17.8	7	3,879							1,941	1,493	321	124
Hemlock	16.5		2,638							1,056	1,190	309	83
Noble fir	22.7		1,733							1,275	337	46	75
Red alder	10.6		67									42	25
Sale Total			8,317										

MINIMUM BID: $0/MBF (est. value $0.00) **BID METHOD:** Sealed Bids

PERFORMANCE SECURITY: $0.00 **SALE TYPE:** MBF Scale

EXPIRATION DATE: October 31, 2018 **ALLOCATION:** Export Restricted

BIDDABLE SPECIES: **Douglas fir**

BID DEPOSIT: $0.00 or Bid Bond. Said deposit shall constitute an opening bid at the appraised price.

HARVEST METHOD: Slackline, Motorized Carriage, Shotgun, Shovel, Track skidder and Forwarder. Harvesting activities are estimated to be approximately 8% cable and 92% ground-based. Ground-based harvesting equipment is restricted to slopes of 40% and less, and shall only operate during dry soil conditions. See Schedule A and the 140 clause for further harvest requirements. A detailed felling and yarding plan shall be required prior to any harvest activities and approved in writing by the Contract Administrator. No ground based

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equipment may operate closer than 25' from pink "inner zone" boundary flagging within Riparian Management Zones (RMZ). Falling and Yarding will not be permitted from April 15 to June 15 unless authorized in writing by the Contract Administrator to minimize bark slippage during the peak sap flow.

ROADS: 2.14 stations of required construction. 68.37 stations of required reconstruction. 14.02 stations of optional reconstruction. 271.70 stations of required pre-haul maintenance. 14.02 stations of medium abandonment. Rock for this contract may be obtained at no cost to the Purchaser from the Signal Pit located in Section 03, Township 09 North, Range 02 East, W.M. Purchaser shall stockpile 500 cubic yards of 4INCH JAW RUN in the Signal Pit as directed by the Contract Administrator. Road construction will not be permitted from September 30 to May 1 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION

CRUISE METHOD: Acreage was determined by using GPS. Cruise was completed using variable plot cruise methods in Units 1, 2, 3, 4, 5, 6, 7, 8, 10, and 11 and ITS cruise method in Unit 9. Thinning units have been adjusted for the basal area target.

FEES: $147,626.00 is due on day of sale. $9.00 per MBF is due upon removal. These are in addition to the bid price.

SPECIAL REMARKS: This sale contains approximately 2,056 MBF of high quality 2 and 3 Saw Douglas fir, approximately 816 MBF of high quality 2 and 3 Saw noble fir, and approximately 1,056 MBF of high quality 2 and 3 Saw western hemlock. The gate on the 2716 road at Station 1 + 56 shall be kept closed and locked except during periods of haul. The 2716 Road needs to be accessed on Weyerhaeuser Property and may require a key.

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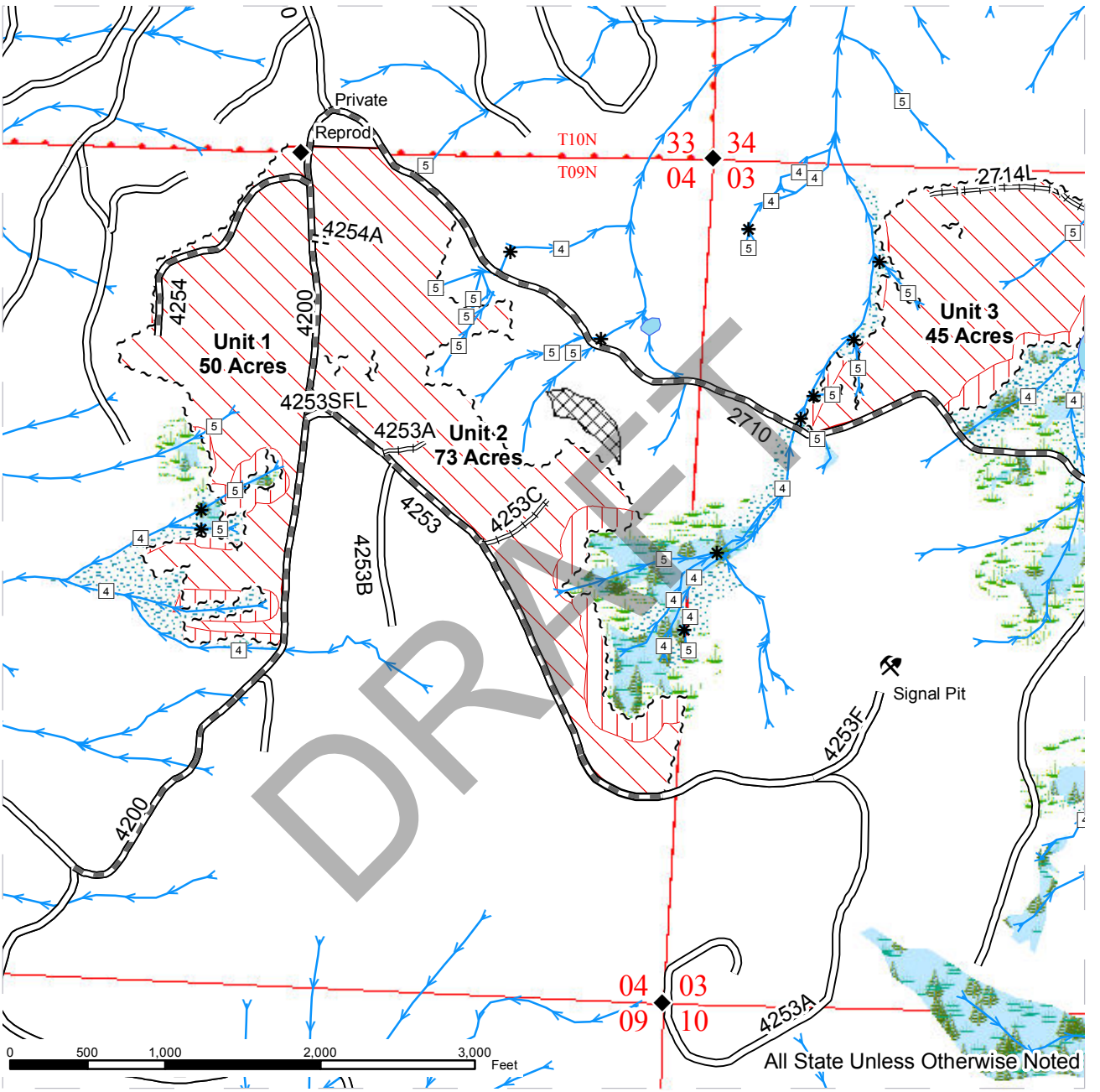
TIMBER SALE MAP

SALE NAME: MIXED GRAVY
AGREEMENT#: 30-092644
TOWNSHIP(S): T09R02E
TRUST(S): Scientific School(10)

REGION: Pacific Cascade Region
COUNTY(S): COWLITZ
ELEVATION RGE: 2218-2428



Variable Retention Harvest
Thinning
Riparian Restoration
Leave Trees
Riparian Mgt Zone
Wetland Mgt Zone
Forested Wetland
Talus

Sale Boundary Tags
Special Mgt Area Tags
Right of Way Tags
Leave Tree Tags
Existing Road
Required Pre-Haul Maintenance
Required Construction
Required Reconstruction
Optional Reconstruction

Streams
Leave Trees
Stream Break
Stream Type
Rock Pit
Monumented Corners

N

Prepared By: rhmm490
Creation Date: 7/17/2014
Modification Date: 10/23/2015

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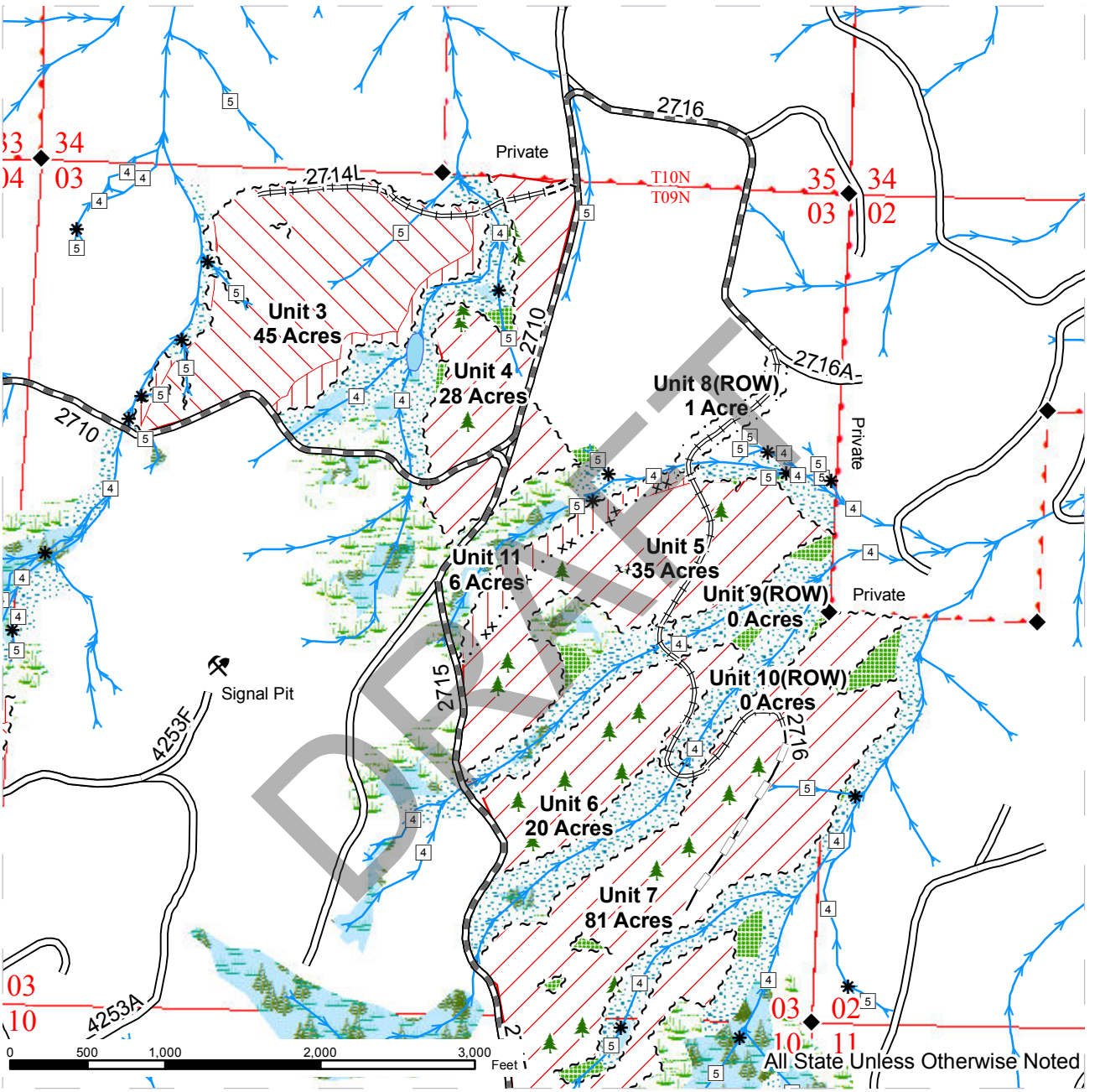

Variable Retention Harvest	Sale Boundary Tags	Streams
Thinning	Special Mgt Area Tags	Leave Trees
Riparian Restoration	Right of Way Tags	Stream Break
Leave Trees	Leave Tree Tags	Stream Type
Riparian Mgt Zone	Existing Road	Rock Pit
Wetland Mgt Zone	Required Pre-Haul Maintenance	Monumented Corners
Forested Wetland	Required Construction	
Talus	Required Reconstruction	
	Optional Reconstruction	

N

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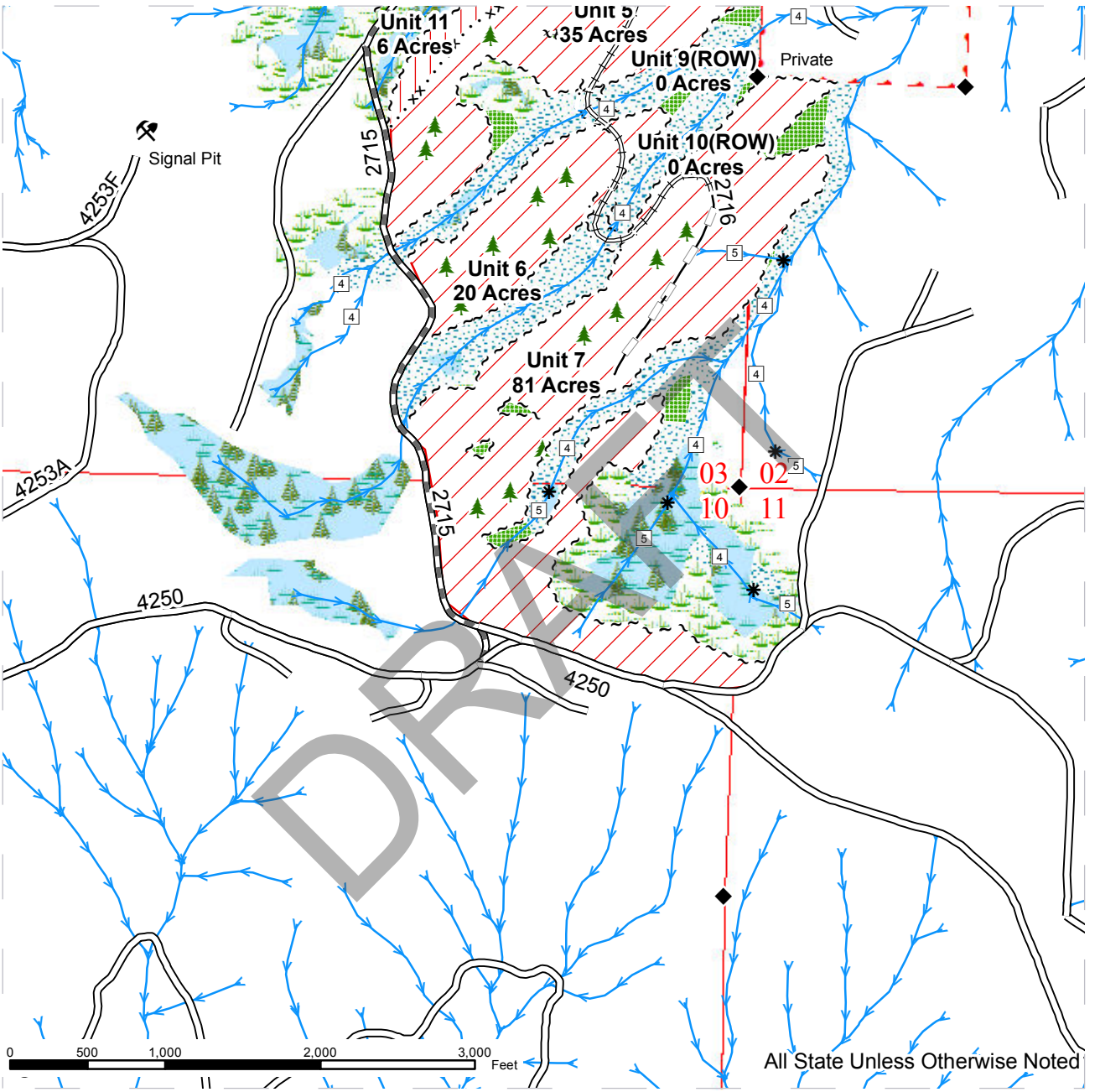

Variable Retention Harvest
Thinning
Riparian Restoration
Leave Trees
Riparian Mgt Zone
Wetland Mgt Zone
Forested Wetland
Talus

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Special Mgt Area Tags
Right of Way Tags
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Existing Road
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Leave Trees
Stream Break
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Rock Pit
Monumented Corners

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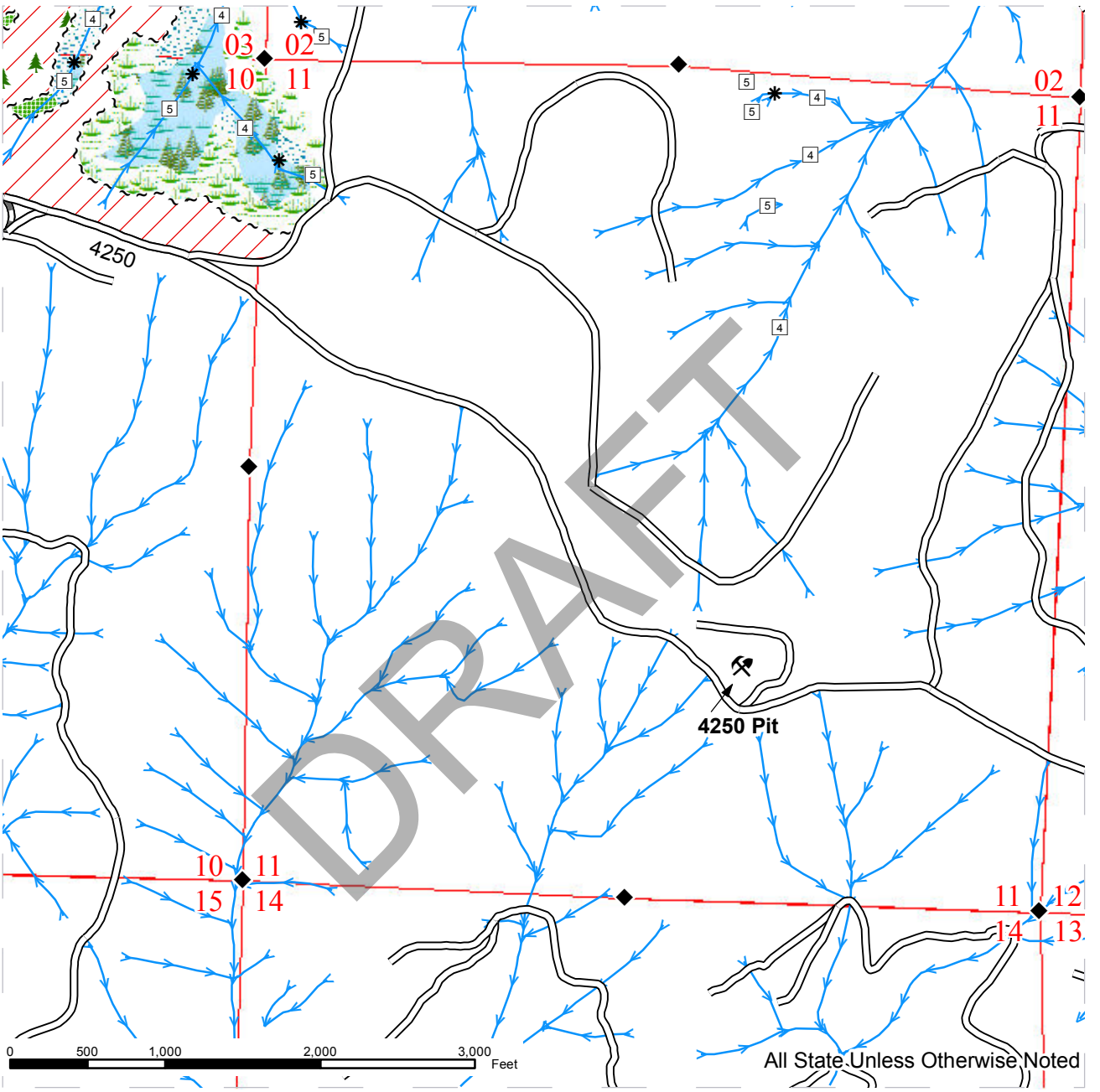

Variable Retention Harvest
Thinning
Riparian Restoration
Leave Trees
Riparian Mgt Zone
Wetland Mgt Zone
Forested Wetland
Talus

Sale Boundary Tags
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Streams
Leave Trees
Stream Break
Stream Type
Rock Pit
Monumented Corners

N

Prepared By: rhmm490
Creation Date: 7/17/2014
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DRIVING MAP

SALE NAME: MIXED GRAVY VRH THIN
AGREEMENT#: 30-092644
TOWNSHIP(S): T09R02E
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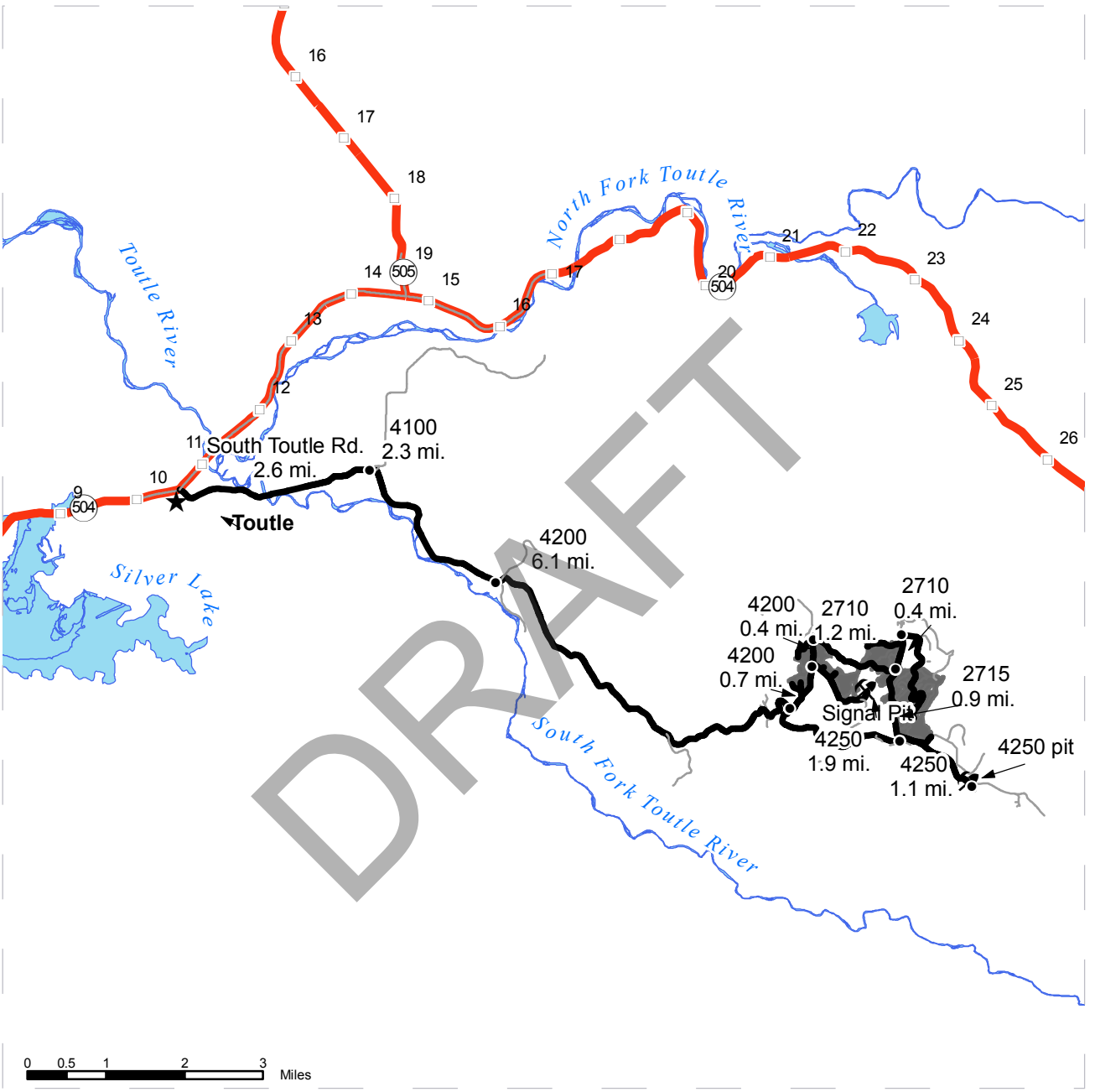

Timber Sale Unit
Highways
Other Route
Haul Route
Milepost Markers

Other Map Points

Rock Pit
Distance Indicator

DRIVING DIRECTIONS:

From State Route 504 (MP 10 at Toutle) turn East onto South Toutle Road and follow for 2.6 miles.
Turn RIGHT (South) onto the 4100 Road and follow for 2.3 mi. until reaching the 4100/4200 Jct.
Turn LEFT (East) onto the 4200 Road and follow for 5.8 mi., the 4200/4250 Junction.

- -Unit 1: follow the 4200 for another 0.7 mi. Unit 1 is on the LEFT (West).
- -Unit 2: follow the 4200 for another 0.7 mi.. Unit 2 is on the RIGHT (EAST). You can also turn RIGHT (EAST) onto the 4253A Road and the unit is on the LEFT (North)
- -Unit 3: Follow the 4200 Road for 1.1 mi. The 4200 Road turns into the 2710 Road (stay RIGHT-East) At approximately 0.8 mi., Unit 3 is on the LEFT (North).
- -Unit 4: Continue beyond Unit 3 for approximately 0.5 mi, Unit 4 is on both sides of the road and continues on the 2710 Road when traveling North.
- -Units 5-7: from the 4200/4250 Junction turn RIGHT (East) for 1.9 mi. At the 4250/2715 Jct, turn LEFT (North). Units 7 is on the RIGHT (East). Continue North on the 2715 to find Units 6 and 5 to the East.

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Prepared By: rhmm490 Creation Date: 3/24/2015 Modification Date: 9/22/2015

Cruise Narrative

Sale Name: Mixed Gravy VRH & Thin	**Region:** Pacific Cascade
App. #: 30-092664	**District:** St. Helen's
Lead Cruiser: K. Bailey	**Completion date:** 7/6/15
Other Cruisers: B. Frank	

Unit acreage specifications:

Unit #	Cruised acres	Cruised acres agree with sale acres? Yes/No	If acres do not agree explain why.
1	50	Yes	
2	73	Yes	
3	45	Yes	
4	28	Yes	
5	35	Yes	
6	20	Yes	
7	81	Yes	
8	0.5	Yes	
9	0.1	Yes	
10	0.3	Yes	
11	6	Yes	
Total	338.9	NO	Addition of ROW acres

Unit cruise specifications:

Unit #	Sample type (VP, FP, ITS,100%)	Expansion factor (BAF, full/ half)	Sighting height (4.5 ft, 16 ft.)	Grid size (Plot spacing or % of area)	Plot ratio (Cru./Tally)	Total number of plots
1	VP	33.61	4.5'	250' X 250'	Cruise All	33
2	VP	40	4.5'	250' X 250'	Cruise All	48
3	VP	40	4.5'	250' X 250'	Cruise All	32
4	VP	54.44	4.5'	250' X 250'	1:1	19
5	VP	46.94	4.5'	250' X 250'	1:1	26
6	VP	54.44	4.5'	250' X 250'	1:1	14
7	VP	46.94	4.5'	250' X 250'	1:1	60
8	VP	40	4.5'	450' spacing	Cruise All	2
9	ITS	DF 1:4. WH 1:2	4.5'	NA	NA	NA
10	VP	46.94	4.5'	168' spacing	Cruise All	2
11	VP	33.61	4.5'	250' X 250'	Cruise All	4

Sale/Cruise Description:

Minor species cruise intensity:	Cruised on appropriate plots.
Minimum cruise spec:	40% 0f Form- Factor at 16 feet D.O.B or 5 inch Top, and merchantable top.

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Avg. ring count by sp:	**DF** =	7	**WH** =		**SS** =	
Leave/take tree description:	Leave trees in the VRH units are bounded out with yellow tags and pink flashers as well as clumped and scattered blue painted leave trees. Timber to be removed from the VDT units was individually selected on plot with the use of a silvicultural prescription. Timber to be removed from the sale is represented with a "T" of the cruise reports.					
Sort Description:	**HA**– Logs meeting the following criteria: Surface characteristics for a high quality A sort will have sound tight knots not to exceed 1 ½" in diameter, numbering not more than an average of one per foot of log length. May include logs with not more than two larger knots. Knots and knot indicators ½" in diameter and smaller shall not be a determining factor. Logs will have a growth ring count of 6 or more rings per inch in the outer third top end of the log. (min dia 8".) **HB** – Logs meeting the following criteria: Surface characteristics for a B sort will have sound tight knots not to exceed 1 ½" in diameter. May include logs with not more than two larger knots up to 2 ½" in diameter. Logs will have a growth ring count of 6 or more rings per inch in the outer third to end of the log. (min dia 8".) **R** – Logs meeting the following criteria: Gross diameter of 12 inches or greater, excessive knots greater than 2 ½ inches with recovery less than 65% of the net scale.					

Field observations:

Mixed Gravy consists of seven units and 3 ROWs. The vast majority of this ground should provide for easy shovel logging, although there is some steeper ground that may require some cable logging. These units are a combination of VRH and VDT units. Units 4, 5, 6 and 7 are VRH's, while units 1, 2, 3 and 5A are the VDT units.

All timber to be harvested within the thinning units was individually selected using a silvicultural prescription.

All timber to be removed is represented with a "T" in the status column of the cruise reports.

All units within this sale are fairly similar in stand composition, quality, defects and volumes. Most of the sale is a mixture of DF, NF, WH, with a very minor amount of RA. Defects consist of small spike knots, hook, sweep, frost check in the NF, forks and some butt swell in the larger timber. There is a significant amount of high quality logs in most all units.

Access is good to all units off of the 4200 and 4250 road systems.

Grants: **Prepared by:** **Title:** **Timber Cruiser**

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TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

T09N R02E S04 Ty00U1
THRU
T09N R02E S04 Ty0U11

Project: **MIXEDGRA**

Acres **338.90**

Page **1**
Date **8/7/2015**
Time **9:14:24AM**

Spp	S T	So Gr rt ad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF	T	CU CU		100.0	3											2	11		0.00	9.6
DF	T	HA 2S	2	.8	242	240	81			78	22				100	38	15	350	1.93	.7
DF	T	HA 3S	1	2.3	103	101	34		100						100	40	9	112	0.76	.9
DF	T	HB 2S	31	1.8	3,659	3,594	1,218			79	21			3	97	39	14	271	1.65	13.3
DF	T	HB 3S	19	2.2	2,181	2,134	723		100					12	88	38	9	123	0.84	17.3
DF	T	D 2S	16	5.4	1,951	1,845	625			67	33			9	91	38	14	263	1.74	7.0
DF	T	D 3S	19	1.8	2,178	2,139	725	30	70			1	1	28	70	37	8	90	0.70	23.7
DF	T	D 4S	8		940	940	319	97	3			25	24	22	29	27	5	30	0.32	30.9
DF	T	D UT	4		365	365	124	60	31	2	7	32	14	8	47	28	6	43	0.43	8.5
DF	**Totals**		31	2.3	11,623	11,358	3,849	16	34	38	13	3	3	12	82	31	9	101	0.84	111.9
DF		CU CU		100.0	6											2	12		0.00	5.4
DF		HA 2S	2	1.4	188	186	63			53	47				100	39	15	346	1.94	.5
DF		HA 3S	1		53	53	18		100						100	40	10	148	0.96	.4
DF		HB 2S	29	2.7	1,943	1,889	640			73	27			1	99	39	14	277	1.70	6.8
DF		HB 3S	18	2.2	1,248	1,221	414		100					4	96	38	10	132	0.91	9.2
DF		D 2S	23	4.4	1,553	1,484	503			68	32			5	95	39	14	290	1.84	5.1
DF		D 3S	18	2.9	1,238	1,202	407	31	69			1	2	26	71	36	8	88	0.71	13.6
DF		D 4S	8	.2	516	515	175	98	2			17	37	18	27	27	5	31	0.35	16.9
DF		D UT	1		21	21	7	100				32	33	34		19	5	20	0.29	1.1
DF	**Totals**		18	2.9	6,767	6,572	2,227	14	32	38	16	2	3	8	87	31	9	111	0.93	59.0
DF	D	CU CU		100.0	17											17	5		0.00	.8
DF	D	D 3S	18	27.8	34	24	8		100					57	43	35	10	104	0.95	.2
DF	D	D 4S	7	42.9	15	8	3	100							100	40	7	40	0.53	.2
DF	D	D UT	75		97	97	33	100				17		33	50	31	5	39	0.34	2.5
DF	**Totals**		0	20.1	162	129	44	81	19			13		35	52	29	6	35	0.35	3.7
NF	T	CU CU		100.0	21											2	11		0.00	3.9
NF	T	HA 2S			44	44	15			100					100	40	13	240	1.45	.2
NF	T	HB 2S	44	2.1	2,285	2,237	758			53	47	1		1	99	39	15	338	2.00	6.6
NF	T	HB 3S	3	.8	127	126	43		100					11	89	36	9	116	0.81	1.1
NF	T	D 2S	29	11.6	1,676	1,481	502		0	36	64	4		20	77	36	15	305	2.13	4.9
NF	T	D 3S	17	.8	875	868	294	34	66			1	2	24	73	37	8	87	0.82	9.9
NF	T	D 4S	2	3.6	140	135	46	77	23			31	46	14	10	23	6	29	0.42	4.7
NF	T	D UT	5		222	222	75	3	1	24	71	32	9	33	26	23	13	175	1.68	1.3
NF	**Totals**		14	5.2	5,391	5,113	1,733	8	15	36	42	4	2	12	82	30	11	157	1.33	32.5
NF		CU CU		100.0	4											2	9		0.00	1.1
NF		HB 2S	23	2.8	331	322	109			80	20			5	95	38	13	221	1.44	1.5
NF		HB 3S	37		523	523	177		100					13	87	37	10	126	0.85	4.2
NF		D 2S	5	16.8	93	77	26			72	28	13		28	59	32	14	209	1.51	.4
NF		D 3S	13	5.8	189	178	60	49	51					34	66	36	8	80	0.66	2.2
NF		D 4S	16	1.0	227	225	76	96	4			5	26	41	28	30	5	33	0.33	6.9
NF		D UT	6		76	76	26	2	22	49	28	2		41	57	29	11	169	1.36	.4
NF	**Totals**		4	2.9	1,444	1,402	475	22	46	25	8	2	4	21	74	31	8	84	0.70	16.6
WH	T	CU CU		100.0	24											3	11		0.00	10.0
WH	T	HA 2S			46	46	16			100					100	40	15	360	2.06	.1
WH	T	HB 2S	18	3.1	1,418	1,373	465			76	24		3		97	38	13	253	1.61	5.4
WH	T	HB 3S	22	1.9	1,730	1,698	575		100					8	92	38	10	132	0.89	12.9

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TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

T09N R02E S04 Ty00U1
THRU
T09N R02E S04 Ty0U11

Project: **MIXEDGRA**

Acres **338.90**

Date **8/7/2015**

Time **9:14:24AM**

Spp	S T	So Grt ad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
WH	T	D 2S	21	7.4	1,823	1,688	572			68	32	3		16	81	36	14	256	1.81	6.6
WH	T	D 3S	24	4.9	1,903	1,809	613	34	66				1	22	77	38	8	88	0.73	20.6
WH	T	D 4S	11	.7	916	909	308	98	2			5	30	36	29	31	5	32	0.34	28.0
WH	T	D UT	4	.3	245	244	83	60	38	3		33	20	14	33	25	6	37	0.41	6.5
WH	**Totals**		21	4.1	8,104	7,768	2,633	21	39	29	11	2	5	15	78	31	8	86	0.77	90.2
WH		CU CU		100.0	35											3	12		0.00	6.0
WH		HB 2S	19	2.1	792	776	263			88	12		2	6	92	38	13	236	1.57	3.3
WH		HB 3S	17	1.6	747	735	249		100					6	94	37	10	137	0.97	5.4
WH		D 2S	28	8.4	1,226	1,124	381			77	23	1	6	9	84	36	14	243	1.81	4.6
WH		D 3S	22	3.6	945	911	309	30	69	2			2	32	66	36	8	90	0.78	10.2
WH		D 4S	11	.1	444	444	150	100	0			14	47	27	12	27	5	30	0.37	15.0
WH		D UT	3		96	96	32	39	16	26	19	58	22	2	17	19	7	45	0.65	2.1
WH	**Totals**		11	4.7	4,285	4,085	1,384	18	34	39	9	3	8	15	74	28	9	88	0.87	46.6
WH	D	CU CU		100.0	3											10	5		0.00	.3
WH	D	D UT	100		15	15	5	100							100	40	6	60	0.43	.3
WH	**Totals**		0	14.3	18	15	5	100							100	25	6	30	0.34	.5
RA	T	CU CU		100.0	10											10	5		0.00	.9
RA	T	D UT	37		73	73	25	100				14	12		74	29	5	29	0.26	2.5
RA	T	D 4S	19	4.5	40	38	13		100						100	38	9	105	0.83	.4
RA	T	D 4S	44	3.3	87	85	29	100						2	98	40	7	63	0.44	1.3
RA	**Totals**		1	7.1	211	196	67	80	20			5	4	1	89	29	6	38	0.36	5.1
RA		CU CU		100.0	2											11	10		0.00	.2
RA		D UT	12		16	16	5	100					100			24	5	24	0.21	.7
RA		D 4S	53	8.3	78	71	24		100						100	40	8	93	0.70	.8
RA		D 4S	35	5.2	48	45	15	100					6	22	72	34	6	47	0.39	1.0
RA	**Totals**		0	7.9	145	133	45	46	54				14	8	78	31	7	50	0.46	2.7
Totals				3.6	38,149	36,771	12,462	17	32	35	16	3	4	13	81	30	9	100	0.87	368.8

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TC PSTATS

PROJECT STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U1	THR	338.90	241	1,560	S	W
09N	02E	04	MIXEDGRAVY	0U11						

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	241	1560	6.5		
CRUISE	184	1237	6.7	54,420	2.3
DBH COUNT					
REFOREST					
COUNT	56	314	5.6		
BLANKS	1				
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	284	23.9	18.9	84	10.7	46.6	6,767	6,572	1,712	1,711
DOUG FIR-D	9	2.5	10.5	74	0.5	1.5	162	129	41	38
DOUG FIR-T	259	46.2	17.8	85	18.9	79.7	11,623	11,358	2,914	2,913
WHEMLOCK	213	20.4	17.8	73	8.3	35.2	4,285	4,085	1,153	1,145
WHEMLOCK-D	1	.3	11.0	62	0.1	.2	18	15	5	4
WHEMLOCK-T	219	41.9	16.5	77	15.2	61.8	8,104	7,768	2,142	2,136
NOBLE F	65	8.1	16.0	76	2.8	11.3	1,444	1,402	368	367
NOBLE F-T	170	13.0	22.7	79	7.7	36.6	5,391	5,113	1,326	1,322
R ALDER	7	1.3	12.9	89	0.3	1.2	145	133	39	38
R ALDER-T	10	3.1	10.6	79	0.6	1.9	211	196	56	54
TOTAL	*1,237*	*160.6*	*17.7*	*80*	*65.5*	*275.9*	*38,149*	*36,771*	*9,754*	*9,728*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL 68.1	COEFF		**SAMPLE TREES - BF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	61.0	3.6	335	348	360			
DOUG FIR-D	67.2	23.7	54	71	88			
DOUG FIR-T	53.1	3.3	294	305	315			
WHEMLOCK	50.0	3.5	245	254	262			
WHEMLOCK-D								
WHEMLOCK-T	53.2	3.6	215	223	231			
NOBLE F	56.8	7.1	209	225	241			
NOBLE F-T	48.5	3.7	463	481	499			
R ALDER	19.2	7.8	99	107	116			
R ALDER-T	41.9	13.9	64	74	84			
TOTAL	*62.9*	*1.8*	*301*	*307*	*312*	*158*	*39*	*18*

CL 68.1	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	50.3	3.0	86	89	91			
DOUG FIR-D	77.8	27.5	16	23	29			
DOUG FIR-T	47.2	2.9	75	77	79			
WHEMLOCK	45.5	3.1	69	71	73			
WHEMLOCK-D								
WHEMLOCK-T	50.0	3.4	60	62	64			
NOBLE F	47.0	5.9	55	59	62			
NOBLE F-T	38.7	3.0	118	122	125			
R ALDER	20.9	8.5	28	31	34			
R ALDER-T	50.8	16.9	17	21	24			
TOTAL	*53.8*	*1.5*	*79*	*80*	*81*	*116*	*29*	*13*

CL 68.1	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	162.2	10.4	21	24	26			

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TC PSTATS

PROJECT STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U1	THR	338.90	241	1,560	S	W
09N	02E	04	MIXEDGRAVY	0U11						

CL 68.1	COEFF		TREES/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.00	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-D	658.8	42.4	1	2	4			
DOUG FIR-T	144.3	9.3	42	46	50			
WHEMLOCK	194.5	12.5	18	20	23			
WHEMLOCK-D	1552.4	99.9	0	0	1			
WHEMLOCK-T	152.7	9.8	38	42	46			
NOBLE F	346.4	22.3	6	8	10			
NOBLE F-T	171.7	11.0	12	13	14			
R ALDER	1212.7	78.1	0	1	2			
R ALDER-T	666.7	42.9	2	3	4			
TOTAL	*57.8*	*3.7*	*155*	*161*	*167*	*133*	*33*	*15*

CL 68.1	COEFF		BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	150.6	9.7	42	47	51			
DOUG FIR-D	617.6	39.8	1	1	2			
DOUG FIR-T	138.0	8.9	73	80	87			
WHEMLOCK	168.6	10.9	31	35	39			
WHEMLOCK-D	1552.4	99.9	0	0	0			
WHEMLOCK-T	134.2	8.6	56	62	67			
NOBLE F	314.5	20.2	9	11	14			
NOBLE F-T	165.4	10.6	33	37	40			
R ALDER	1192.6	76.8	0	1	2			
R ALDER-T	642.1	41.3	1	2	3			
TOTAL	*41.2*	*2.7*	*269*	*276*	*283*	*68*	*17*	*8*

CL 68.1	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	161.7	10.4	5,888	6,572	7,256			
DOUG FIR-D	608.6	39.2	79	129	180			
DOUG FIR-T	140.0	9.0	10,335	11,358	12,382			
WHEMLOCK	169.3	10.9	3,640	4,085	4,530			
WHEMLOCK-D	1552.4	99.9	0	15	30			
WHEMLOCK-T	136.2	8.8	7,087	7,768	8,449			
NOBLE F	315.7	20.3	1,117	1,402	1,686			
NOBLE F-T	167.5	10.8	4,562	5,113	5,664			
R ALDER	1170.8	75.4	33	133	233			
R ALDER-T	658.5	42.4	113	196	280			
TOTAL	*45.1*	*2.9*	*35,704*	*36,771*	*37,839*	*81*	*20*	*9*

CL 68.1	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	156.1	10.0	1,539	1,711	1,883			
DOUG FIR-D	612.9	39.4	23	38	53			
DOUG FIR-T	138.5	8.9	2,653	2,913	3,172			
WHEMLOCK	167.9	10.8	1,021	1,145	1,269			
WHEMLOCK-D	1552.4	99.9	0	4	9			
WHEMLOCK-T	134.9	8.7	1,951	2,136	2,322			
NOBLE F	309.4	19.9	294	367	440			
NOBLE F-T	165.9	10.7	1,181	1,322	1,463			
R ALDER	1169.3	75.3	9	38	67			
R ALDER-T	648.4	41.7	32	54	77			
TOTAL	*43.5*	*2.8*	*9,456*	*9,728*	*10,001*	*76*	*19*	*8*

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T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

Time 9:14:25AM

T09N R02E S04 T00U1

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U1	50.00	33	259	S	W

T09N R02E S04 T00U1

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
WH		CU	CU		100.0	11											5	14		0.00	6.7
WH		HB	2S	17	3.1	1,629	1,579	79			100				6	94	36	13	211	1.53	7.5
WH		HB	3S	21	1.4	2,014	1,986	99		100					7	93	37	10	143	1.04	13.9
WH		DM	2S	29	6.7	2,921	2,724	136			94	6	3	3	13	81	35	13	213	1.68	12.8
WH		DM	3S	19	2.4	1,763	1,720	86	31	63	6			3	18	79	36	8	98	0.87	17.5
WH		DM	4S	11		1,007	1,007	50	100				7	67	26		27	5	31	0.41	32.9
WH		DM	UT	3		239	239	12	33	44	24		29	24		47	26	8	68	0.84	3.5
WH		**Totals**		29	3.4	9,584	9,255	463	17	34	47	2	2	9	12	76	30	9	98	0.94	94.7
WH	T	CU	CU		100.0	19											8	7		0.00	2.7
WH	T	HB	2S	8	2.2	215	210	11			100					100	38	13	225	1.55	.9
WH	T	HB	3S	42	4.9	1,099	1,045	52		100					8	92	38	10	142	1.05	7.3
WH	T	DM	3S	28	6.8	752	701	35	29	71					36	64	37	8	87	0.71	8.0
WH	T	DM	4S	16		408	408	20	100				5	58	28	9	27	5	28	0.34	14.6
WH	T	DM	UT	6	3.3	141	137	7	17	49	34		83			17	23	10	72	0.84	1.9
WH	**T**	**Totals**		8	5.1	2,635	2,501	125	25	64	10		5	10	18	67	30	7	71	0.68	35.5
DF		CU	CU		100.0	36											3	15		0.00	8.0
DF		HB	2S	23	1.6	2,262	2,226	111			100				4	96	38	13	228	1.52	9.7
DF		HB	3S	24	1.5	2,428	2,391	120		100						100	39	10	145	1.00	16.5
DF		DM	2S	23	6.6	2,367	2,210	111			82	18				100	39	14	267	1.89	8.3
DF		DM	3S	20	4.2	1,982	1,898	95	40	60				1	19	79	37	8	81	0.74	23.4
DF		DM	4S	9	.4	864	860	43	100				2	52	31	15	29	5	31	0.37	27.7
DF		DM	UT	1		75	75	4	100					33	67		30	5	34	0.35	2.2
DF		**Totals**		31	3.5	10,013	9,659	483	18	37	42	4	0	5	8	87	32	9	101	0.90	95.8
DF	T	HB	2S	19		112	112	6			100					100	40	13	240	1.45	.5
DF	T	HB	3S	32		183	183	9		100						100	40	9	114	0.85	1.6
DF	T	DM	3S	32		183	183	9	100							100	39	7	68	0.59	2.7
DF	T	DM	4S	17		92	92	5	100				48	52			23	5	24	0.24	3.8
DF	**T**	**Totals**		2		570	570	28	48	32	20		8	8		84	32	7	67	0.60	8.6
NF	T	CU	CU		100.0	80											1	10		0.00	6.7
NF	T	HB	2S	48	2.1	4,010	3,927	196			46	54			3	97	39	16	374	2.18	10.5
NF	T	HB	3S	4	2.5	296	289	14		100					31	69	36	11	148	1.00	2.0
NF	T	DM	2S	29	6.9	2,573	2,395	120			17	83			17	83	37	17	433	2.71	5.5
NF	T	DM	3S	15	1.0	1,144	1,133	57	29	71			3	2	19	76	37	8	92	0.90	12.3
NF	T	DM	4S	1		135	135	7	56	44			44	34	22		23	7	33	0.46	4.1
NF	T	DM	UT	3		187	187	9	12	7		81	41		59		17	10	101	1.27	1.8
NF	**T**	**Totals**		26	4.3	8,425	8,065	403	5	14	27	53	2	1	12	85	30	11	188	1.58	43.0
NF		HB	2S	32	1.0	463	459	23			72	28				100	40	14	273	1.64	1.7
NF		HB	3S	42		597	597	30		100						100	37	10	133	0.87	4.5

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T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

Time 9:14:25AM

T09N R02E S04 T00U1

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U1	50.00	33	259	S	W

T09N R02E S04 T00U1

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
NF		DM	3S	13		187	187	9	87	13					42	58	36	7	63	0.56	3.0
NF		DM	4S	13		175	175	9	100				15	32		53	29	5	30	0.32	5.8
NF	**Totals**			5	.3	1,422	1,417	71	24	44	23	9	2	4	5	89	34	8	95	0.72	15.0
Type Totals					3.6	32,649	31,467	1,573	16	33	36	16	2	6	11	82	31	9	108	0.96	292.5

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T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

Time 9:14:25AM

T09N R02E S04 T00U2

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U2	73.00	48	332	S	W

T09N R02E S04 T00U2

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
NF	T	CU	CU		100.0	45											3	13		0.00	5.8
NF	T	HB	2S	47	2.1	4,037	3,953	289			55	45	2			98	39	15	329	1.98	12.0
NF	T	HB	3S			60	60	4		100						100	40	8	90	0.67	.7
NF	T	DM	2S	27	12.5	2,565	2,244	164		1	70	29			16	84	37	14	241	1.77	9.3
NF	T	DM	3S	16	.7	1,354	1,344	98	42	58				2	36	62	36	8	84	0.80	15.9
NF	T	DM	4S	3	3.3	256	248	18	68	32			49	42		9	20	7	28	0.50	8.9
NF	T	DM	UT	7		538	538	39	1		32	66	35	17		49	27	15	220	1.82	2.4
NF	**T**	**Totals**		25	5.3	8,854	8,386	612	9	11	47	33	5	3	10	83	30	11	152	1.32	55.0
NF		CU	CU		100.0	20											2	9		0.00	5.0
NF		HB	2S	21	3.2	1,221	1,182	86			82	18			6	94	38	13	210	1.40	5.6
NF		HB	3S	36		2,020	2,020	147		100					16	84	36	10	124	0.84	16.2
NF		DM	2S	7	16.8	430	358	26			72	28	13		28	59	32	14	209	1.51	1.7
NF		DM	3S	12	6.8	751	700	51	42	58					32	68	36	8	84	0.69	8.4
NF		DM	4S	17	1.1	935	924	67	96	4			4	25	46	25	30	5	33	0.33	27.9
NF		DM	UT	7		352	352	26	2	22	49	28	2		41	57	29	11	169	1.36	2.1
NF		**Totals**		17	3.4	5,730	5,537	404	21	46	25	7	2	4	23	71	31	8	83	0.70	66.9
WH		CU	CU														2	12		0.00	16.7
WH		HB	2S	16	.8	1,356	1,345	98			76	24		5	12	83	37	13	247	1.63	5.5
WH		HB	3S	21	1.8	1,747	1,715	125		100					7	93	37	10	129	0.91	13.3
WH		DM	2S	20	10.8	1,822	1,625	119			75	25		12	12	76	35	14	239	1.87	6.8
WH		DM	3S	26	4.8	2,206	2,100	153	30	70				2	41	57	35	8	83	0.74	25.4
WH		DM	4S	15	.2	1,218	1,216	89	100				14	39	30	17	27	5	30	0.34	41.0
WH		DM	UT	2		148	148	11	49		51		79	14	7		15	6	27	0.44	5.6
WH		**Totals**		24	4.1	8,498	8,150	595	24	39	29	9	4	10	21	66	27	8	71	0.75	114.2
WH	T	CU	CU														2	12		0.00	7.6
WH	T	HB	2S	3	5.0	94	90	7			100					100	40	12	190	1.28	.5
WH	T	HB	3S	17	6.5	498	465	34		100					16	84	37	9	101	0.74	4.6
WH	T	DM	2S	9	11.8	266	235	17			67	33				100	39	13	224	1.69	1.0
WH	T	DM	3S	41	2.4	1,152	1,124	82	15	85					42	58	36	9	102	0.83	11.0
WH	T	DM	4S	25		654	654	48	100				3	34	42	21	29	5	32	0.29	20.3
WH	T	DM	UT	5		134	134	10	29	71			13		16	71	28	7	69	0.68	2.0
WH	**T**	**Totals**		8	3.4	2,799	2,703	197	32	56	9	3	1	8	31	59	28	8	58	0.59	46.9
DF		CU	CU														2	12		0.00	10.8
DF		HA	2S	1	2.2	104	102	7				100				100	40	17	450	2.49	.2
DF		HB	2S	20	2.2	1,664	1,627	119			88	12				100	39	13	238	1.52	6.8
DF		HB	3S	27	1.6	2,236	2,201	161		100					7	93	37	10	126	0.87	17.5
DF		DM	2S	19	5.5	1,610	1,522	111			94	6			15	85	37	14	252	1.77	6.0
DF		DM	3S	20	4.1	1,695	1,625	119	39	61			1		47	51	35	8	78	0.65	20.8
DF		DM	4S	12	.2	948	946	69	100	0			10	40	25	25	29	5	32	0.34	29.6

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T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

Time 9:14:25AM

T09N R02E S04 T00U2 **T09N R02E S04 T00U2**

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U2	73.00	48	332	S	W

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		DM	UT	1		42	42	3	100				62	38			14	5	13	0.23	3.1
DF Totals				24	2.8	8,299	8,064	589	20	40	35	5	2	5	17	76	29	9	85	0.78	94.9
DF	T	HB	3S	45		226	226	16		100						100	37	8	83	0.61	2.7
DF	T	DM	3S	31		151	151	11		100						100	36	9	119	0.82	1.3
DF	T	DM	4S	21		105	105	8	100					26	74		31	5	32	0.26	3.3
DF	T	DM	UT	3		14	14	1	100				100				18	5	20	0.29	.7
DF T Totals				1		496	496	36	24	76			3	5	16	76	33	7	62	0.50	8.0
Type Totals					3.9	34,677	33,335	2,433	19	35	32	13	3	6	18	73	29	9	86	0.81	385.9

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T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

Time 9:14:25AM

T09N R02E S04 T00U3

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U3	45.00	32	261	S	W

T09N R02E S04 T00U3

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		CU	CU		100.0	7											1	10		0.00	13.3
DF		HA	2S	4	1.6	986	970	44			49	51				100	40	16	384	2.12	2.5
DF		HA	3S	2		399	399	18		100						100	40	10	148	0.96	2.7
DF		HB	2S	34	3.5	8,040	7,757	349			64	36				100	40	14	309	1.84	25.1
DF		HB	3S	11	3.2	2,519	2,438	110		100					4	96	39	10	139	0.92	17.6
DF		DM	2S	26	3.2	6,147	5,948	268			53	47			3	97	40	15	325	1.87	18.3
DF		DM	3S	17	1.5	3,939	3,880	175	23	77			0	4	15	81	37	8	101	0.72	38.4
DF		DM	4S	5		1,128	1,128	51	95	5			33	26	4	37	25	6	29	0.35	39.2
DF		DM	UT	1		10	10	0	100				100				15	6	20	0.32	.5
DF Totals				46	2.8	23,176	22,531	1,014	9	26	38	27	2	2	4	92	32	10	143	1.09	157.5
DF	T	CU	CU														1	7		0.00	7.9
DF	T	HA	2S	3	4.6	308	294	13			100					100	40	15	310	1.89	.9
DF	T	HA	3S	7	3.5	514	496	22		100						100	40	9	128	0.86	3.9
DF	T	HB	2S	16	4.1	1,188	1,139	51			100					100	40	13	254	1.59	4.5
DF	T	HB	3S	34	3.4	2,674	2,582	116		100					8	92	39	9	119	0.80	21.7
DF	T	DM	2S	4	2.4	292	285	13			100					100	40	13	232	1.47	1.2
DF	T	DM	3S	19	1.9	1,419	1,392	63	53	47					7	93	39	8	84	0.56	16.6
DF	T	DM	4S	13		940	940	42	100				16	24	15	45	28	5	31	0.27	30.2
DF	T	DM	UT	4		281	281	13	37	63			34			66	25	6	41	0.41	6.8
DF T Totals				15	2.7	7,615	7,408	333	24	53	23		3	3	6	88	31	8	79	0.65	93.8
DF	D	CU	CU		100.0	127											21	5		0.00	5.1
DF	D	DM	3S	9	38.9	127	78	4		100						100	40	11	110	1.21	.7
DF	D	DM	4S	8	42.9	111	64	3	100							100	40	7	40	0.53	1.6
DF	D	DM	UT	83		664	664	30	100				19		36	45	31	5	38	0.33	17.5
DF D Totals				2	21.8	1,030	806	36	90	10			16		30	55	29	6	32	0.34	24.9
WH	T	CU	CU		100.0	158											7	7		0.00	18.6
WH	T	HB	2S	5	4.8	530	504	23			100					100	40	14	259	1.47	1.9
WH	T	HB	3S	33	2.2	3,114	3,045	137		100						100	40	9	127	0.81	23.9
WH	T	DM	2S	7	7.0	693	644	29			100					100	40	12	186	1.29	3.5
WH	T	DM	3S	31	3.0	2,987	2,898	130	52	48					4	96	40	7	81	0.56	35.7
WH	T	DM	4S	15		1,355	1,355	61	100				6	14	29	51	33	5	32	0.28	43.0
WH	T	DM	UT	9		829	829	37	74	26			7	31	10	51	28	5	35	0.34	23.6
WH T Totals				19	4.0	9,666	9,275	417	38	50	12		1	5	6	87	32	7	62	0.52	150.2
WH		CU	CU		100.0	252											3	12		0.00	9.7
WH		HB	2S	23	2.4	1,568	1,530	69			88	12				100	40	13	254	1.56	6.0
WH		HB	3S	8	1.4	553	545	25		100						100	40	10	157	1.02	3.5
WH		DM	2S	40	7.8	2,917	2,690	121			59	41		5	2	93	39	15	304	1.97	8.9
WH		DM	3S	22	2.4	1,474	1,440	65	22	78				2	30	68	37	9	100	0.78	14.4
WH		DM	4S	3		226	226	10	95	5			54	22	10	14	22	6	25	0.40	9.0

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Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

Time 9:14:25AM

T09N R02E S04 T00U3 **T09N R02E S04 T00U3**

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U3	45.00	32	261	S	W

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
WH		DM	UT	4		213	213	10	34			66	70	30			23	8	67	0.76	3.2
WH Totals				13	7.8	7,203	6,644	299	9	25	44	21	4	4	8	84	29	10	122	1.12	54.6
WH	D	CU	CU		100.0	19											10	5		0.00	1.9
WH	D	DM	UT	100		114	114	5	100							100	40	6	60	0.43	1.9
WH D Totals				0	14.3	133	114	5	100							100	25	6	30	0.34	3.8
RA		CU	CU		100.0	18											11	10		0.00	1.8
RA		DM	UT	12		122	122	5	100					100			24	5	24	0.21	5.1
RA		DM	4S	53	8.3	587	538	24		100						100	40	8	93	0.70	5.8
RA		DM	4S	35	5.2	361	342	15	100					6	22	72	34	6	47	0.39	7.3
RA Totals				2	7.9	1,088	1,002	45	46	54				14	8	78	31	7	50	0.46	20.1
RA	T	CU	CU															5		0.00	2.8
RA	T	DM	UT	68		294	294	13	100					13		87	35	5	35	0.25	8.3
RA	T	DM	4S	32		133	133	6	100							100	40	7	70	0.46	1.9
RA T Totals				1		427	427	19	100					9		91	28	5	33	0.30	13.0
NF	T	CU	CU															9		0.00	.4
NF	T	HB	2S	33	4.1	435	417	19			18	82				100	40	17	468	2.53	.9
NF	T	DM	2S	35		438	438	20			35	65				100	40	15	378	1.93	1.2
NF	T	DM	3S	18		220	220	10		100					11	89	39	9	119	0.76	1.8
NF	T	DM	4S	4		44	44	2	72	28			29	71			19	6	28	0.39	1.6
NF	T	DM	UT	10		121	121	5			100				100		32	13	190	1.34	.6
NF T Totals				3	1.4	1,257	1,239	56	3	19	28	51	1	3	12	85	32	11	191	1.34	6.5
Type Totals					4.2	51,595	49,446	2,225	19	34	30	16	2	3	6	89	31	8	94	0.77	524.4

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T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

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T09N R02E S04 T00U4

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U4	28.00	19	57	S	W

T09N R02E S04 T00U4

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/Lf	Logs Per /Acre
DF	T	CU	CU														2	14		0.00	37.4
DF	T	HA	2S	2		638	638	18				100				100	40	17	460	2.36	1.4
DF	T	HB	2S	57	1.6	17,351	17,077	478			73	27			7	93	38	14	275	1.67	62.0
DF	T	HB	3S	15	1.6	4,736	4,658	130		100					44	56	35	10	119	0.82	39.0
DF	T	DM	2S	8	8.6	2,651	2,422	68			37	63			18	82	36	16	320	2.14	7.6
DF	T	DM	3S	12	.8	3,478	3,451	97	32	68					34	66	37	8	94	0.73	36.7
DF	T	DM	4S	4		1,440	1,440	40	88	12			57	34		8	21	6	27	0.38	53.5
DF	T	DM	UT	2		326	326	9	12			88	100				13	9	57	0.92	5.7
DF T Totals				68	2.0	30,619	30,012	840	8	24	45	23	4	2	16	78	27	11	123	1.08	243.3
WH	T	CU	CU														2	13		0.00	26.4
WH	T	HB	2S	43	1.2	4,775	4,718	132			52	48		10		90	37	14	270	1.72	17.5
WH	T	HB	3S	18		1,973	1,973	55		100						100	40	10	158	0.98	12.5
WH	T	DM	2S	18	7.8	2,060	1,899	53			63	37				100	38	14	279	1.89	6.8
WH	T	DM	3S	13	3.3	1,507	1,458	41	21	79					40	60	37	8	82	0.77	17.8
WH	T	DM	4S	7	9.6	786	710	20	100				9	14	32	45	33	5	32	0.40	22.0
WH	T	DM	UT	1		49	49	1	100				100				13	7	20	0.35	2.5
WH T Totals				25	3.1	11,151	10,808	303	10	29	34	27	1	5	7	86	27	10	103	1.01	105.4
NF	T	CU	CU														2	10		0.00	4.8
NF	T	HB	2S	32	1.5	1,011	996	28			42	58				100	40	16	377	2.09	2.6
NF	T	DM	2S	51	16.8	1,914	1,593	45			35	65			65	35	36	17	351	2.28	4.5
NF	T	DM	3S	17	5.5	538	509	14		100					23	77	38	8	85	0.84	6.0
NF T Totals				7	10.5	3,463	3,098	87		16	31	52			37	63	28	12	172	1.54	18.0
Type Totals					2.9	45,233	43,917	1,230	8	25	41	26	3	2	15	79	27	11	120	1.09	366.7

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Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

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T09N R02E S04 T00U5 **T09N R02E S04 T00U5**

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U5	35.00	26	56	S	W

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF	T	CU	CU														0	9		0.00	22.1
DF	T	HA	2S	4		1,434	1,434	50			100					100	37	15	333	1.82	4.3
DF	T	HB	2S	35	1.5	10,489	10,334	362			70	30				100	39	14	288	1.71	35.9
DF	T	HB	3S	15	.7	4,447	4,416	155		100						100	39	10	139	0.84	31.8
DF	T	DM	2S	17	5.4	5,342	5,056	177			57	43			14	86	37	14	275	1.80	18.4
DF	T	DM	3S	19	1.4	5,880	5,799	203	14	86				2	19	78	37	9	103	0.76	56.6
DF	T	DM	4S	9		2,564	2,564	90	98	2			25	23	17	35	28	6	32	0.34	79.5
DF	T	DM	UT	1		175	175	6	100				63	37			16	6	21	0.35	8.4
DF T Totals				88	1.8	30,330	29,777	1,042	12	32	39	18	3	3	8	87	31	9	116	0.93	257.0
WH	T	HB	2S	60	1.1	2,389	2,363	83			100					100	37	14	268	1.61	8.8
WH	T	HB	3S	10		368	368	13		100						100	36	10	140	0.89	2.6
WH	T	DM	3S	12		479	479	17	33	67					67	33	35	8	77	0.66	6.2
WH	T	DM	4S	9		365	365	13	100				34		66		25	5	26	0.27	14.2
WH	T	DM	UT	9		322	322	11		100			100				20	8	40	0.57	8.0
WH T Totals				12	.7	3,924	3,897	136	13	26	61		11		14	74	29	8	98	0.81	40.0
Type Totals					1.7	34,254	33,675	1,179	12	31	41	16	4	2	8	86	31	9	113	0.91	296.9

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T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

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T09N R02E S04 T00U6

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U6	20.00	14	35	S	W

T09N R02E S04 T00U6

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/Lf	Logs Per /Acre
DF	T	CU	CU															5		0.00	7.5
DF	T	HA	3S	3		594	594	12		100						100	40	8	90	0.64	6.6
DF	T	HB	2S	10	1.6	1,906	1,875	38			100					100	40	12	209	1.40	9.0
DF	T	HB	3S	39	3.8	7,426	7,144	143		100					3	97	40	9	121	0.88	58.9
DF	T	DM	2S	12	5.8	2,258	2,128	43			29	71				100	40	16	371	2.24	5.7
DF	T	DM	3S	17	2.3	3,156	3,085	62	50	50					39	61	36	7	78	0.59	39.4
DF	T	DM	4S	15		2,870	2,870	57	99	1			15	28	32	25	28	5	30	0.28	96.8
DF	T	DM	UT	4		551	551	11	100							100	39	5	40	0.29	13.8
DF T Totals				59	2.7	18,761	18,247	365	27	51	14	8	2	4	13	80	33	7	77	0.64	237.7
WH	T	CU	CU														3	20		0.00	4.2
WH	T	HB	2S	7	25.0	1,037	778	16			100					100	40	12	150	1.37	5.2
WH	T	HB	3S	30		3,182	3,182	64		100						100	40	9	121	0.81	26.4
WH	T	DM	2S	31	9.3	3,660	3,319	66			100					100	40	13	245	1.59	13.6
WH	T	DM	3S	18	13.7	2,129	1,837	37	28	72						100	39	8	91	0.77	20.3
WH	T	DM	4S	13		1,396	1,396	28	83	17				40	32	27	31	5	35	0.34	39.5
WH	T	DM	UT	1		85	85	2	100				100				13	6	20	0.32	4.2
WH T Totals				34	7.8	11,488	10,596	212	17	45	39		1	5	4	90	34	9	93	0.78	113.4
NF	T	HB	2S	30		570	570	11			100					100	40	13	240	1.45	2.4
NF	T	DM	2S	37	36.2	1,091	697	14			53	47				100	40	14	183	1.84	3.8
NF	T	DM	3S	24		445	445	9		100					100		32	10	110	0.82	4.0
NF	T	DM	4S	9		167	167	3	100				48		52		22	6	27	0.43	6.2
NF T Totals				6	17.4	2,273	1,879	38	9	24	50	18	4		28	67	31	10	115	1.14	16.4
RA	T	DM	UT	14		50	50	1	100				100				14	5	10	0.20	5.0
RA	T	DM	4S	86	14.3	347	297	6	100							100	40	7	60	0.52	5.0
RA T Totals				1	12.5	396	347	7	100				14			86	27	6	35	0.44	9.9
Type Totals					5.6	32,919	31,068	621	23	47	24	6	2	4	11	83	33	8	82	0.70	377.4

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Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

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T09N R02E S04 T00U7

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U7	81.00	60	183	S	W

T09N R02E S04 T00U7

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
WH	T	CU	CU														1	10		0.00	13.0
WH	T	HA	2S	1		194	194	16			100					100	40	15	360	2.06	.5
WH	T	HB	2S	15	2.9	2,340	2,271	184			74	26				100	39	13	258	1.63	8.8
WH	T	HB	3S	18	1.3	2,685	2,650	215		100					17	83	36	10	137	0.96	19.4
WH	T	DM	2S	33	6.8	5,363	4,998	405			61	39	4		22	74	35	14	263	1.92	19.0
WH	T	DM	3S	22	5.5	3,538	3,342	271	34	66				3	20	77	37	8	89	0.79	37.4
WH	T	DM	4S	9		1,411	1,411	114	98	2			3	35	39	23	31	5	34	0.38	41.4
WH	T	DM	UT	2		177	177	14	100				22	37	41		26	5	30	0.35	5.9
WH T Totals				41	4.2	15,708	15,044	1,219	18	32	33	17	2	4	19	75	32	9	103	0.92	145.5
DF	T	CU	CU		100.0	13											3	11		0.00	10.5
DF	T	HB	2S	22	2.1	3,363	3,292	267			94	6				100	39	13	256	1.60	12.9
DF	T	HB	3S	13	2.0	1,834	1,797	146		100					12	88	38	9	124	0.86	14.4
DF	T	DM	2S	27	4.8	4,175	3,972	322			82	18			6	94	39	13	241	1.63	16.5
DF	T	DM	3S	24	2.5	3,483	3,395	275	29	71			1	1	37	61	36	8	87	0.71	39.1
DF	T	DM	4S	6		910	910	74	98	2			20	14	33	33	28	5	31	0.32	29.7
DF	T	DM	UT	8		1,020	1,020	83	60	36	3		24	18	12	46	30	6	46	0.45	22.3
DF T Totals				39	2.8	14,799	14,386	1,165	17	32	44	6	3	2	15	80	32	9	99	0.84	145.4
NF	T	CU	CU														1	9		0.00	5.0
NF	T	HA	2S	2		184	184	15			100					100	40	13	240	1.45	.8
NF	T	HB	2S	40	2.2	2,717	2,656	215			60	40				100	40	14	316	1.87	8.4
NF	T	HB	3S	5		297	297	24		100						100	36	9	107	0.76	2.8
NF	T	DM	2S	26	10.7	1,936	1,728	140			12	88	13		17	71	32	16	322	2.36	5.4
NF	T	DM	3S	20	.4	1,317	1,312	106	39	61				2	11	87	37	8	84	0.80	15.6
NF	T	DM	4S	3	6.6	207	194	16	91	9				61	21	18	28	5	29	0.35	6.6
NF	T	DM	UT	4		261	261	21	4			96	33		67		19	13	163	1.78	1.6
NF T Totals				18	4.2	6,919	6,632	537	10	17	30	43	5	2	10	83	31	10	144	1.20	46.1
RA	T	CU	CU		100.0	43											17	5		0.00	2.1
RA	T	DM	UT	26		128	128	10	100				22	12		66	27	5	27	0.28	4.7
RA	T	DM	4S	33	4.5	168	161	13		100						100	38	9	105	0.83	1.5
RA	T	DM	4S	41		199	199	16	100							100	40	6	63	0.41	3.1
RA T Totals				1	9.3	538	488	40	67	33			6	3		91	30	6	43	0.39	11.5
Type Totals					3.7	37,964	36,549	2,960	17	29	36	17	3	3	15	79	32	9	105	0.91	348.4

DRAFT

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

Time 9:14:25AM

T09N R02E S04 T00U8 **T09N R02E S04 T00U8**

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U8	.50	2	6	S	W

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF	T	CU	CU														2	12		0.00	19.6
DF	T	HB	2S	24	2.1	3,991	3,908	2			100					100	40	13	235	1.61	16.6
DF	T	HB	3S	24		3,848	3,848	2		100						100	38	11	170	1.08	22.6
DF	T	DM	2S	26	7.7	4,643	4,283	2			100					100	36	15	295	1.93	14.5
DF	T	DM	3S	18		2,822	2,822	1	38	62					62	38	36	8	91	0.70	31.1
DF	T	DM	4S	8		1,265	1,265	1	100				28		72		28	6	34	0.40	37.1
DF T Totals				100	2.7	16,569	16,126	8	15	35	51		2		16	81	30	10	114	0.99	141.7
Type Totals					2.7	16,569	16,126	8	15	35	51		2		16	81	30	10	114	0.99	141.7

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T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

Time 9:14:25AM

T09N R02E S04 T00U9 **T09N R02E S04 T00U9**

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U9	.10	1	13	S	W

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF	T	CU	CU														3	11		0.00	82.0
DF	T	HB	2S	9		8,200	8,200	1			100					100	40	12	200	1.28	41.0
DF	T	HB	3S	42	1.1	38,950	38,540	4		100					10	90	37	10	134	0.90	287.0
DF	T	DM	2S	13	6.3	13,120	12,300	1			100					100	36	15	300	1.70	41.0
DF	T	DM	3S	11		9,430	9,430	1	26	74					30	70	35	8	77	0.67	123.0
DF	T	DM	4S	12		11,070	11,070	1	100				7	33	15	44	32	5	34	0.34	328.0
DF	T	DM	UT	13		11,480	11,480	1				100	100				16	20	280	2.93	41.0
DF T Totals				81	1.3	92,250	91,020	9	15	50	23	13	14	4	9	73	31	9	97	0.76	943.0
WH	T	DM	2S	69	12.2	17,267	15,167	2			42	58				100	36	16	325	2.47	46.7
WH	T	DM	3S	27	10.7	6,533	5,833	1	20	80					72	28	34	9	83	0.94	70.0
WH	T	DM	4S	4		700	700	0	100					100			28	5	30	0.40	23.3
WH T Totals				19	11.4	24,500	21,700	2	9	22	29	41		3	19	77	34	11	155	1.41	140.0
Type Totals					3.5	116,750	112,720	11	14	45	24	18	11	4	11	74	31	9	104	0.85	1,083.0

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T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

Time 9:14:25AM

T09N R02E S04 T0U10 **T09N R02E S04 T0U10**

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	0U10	.30	2	8	S	W

Spp	ST	Sort	Grade	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF	T	CU	CU															6		0.00	56.7
DF	T	HB	2S	39	3.2	8,336	8,069	2			100					100	40	14	301	1.76	26.8
DF	T	HB	3S	35		7,196	7,196	2		100						100	39	11	174	1.08	41.5
DF	T	DM	3S	9		1,875	1,875	1	100							100	40	7	70	0.69	26.8
DF	T	DM	4S	17		3,318	3,318	1	100						12	88	37	5	47	0.41	71.3
DF T Totals				87	1.3	20,725	20,458	6	25	35	39				2	98	29	8	92	0.85	223.0
RA	T	DM	UT	28		861	861	0	100				100				18	5	20	0.17	43.0
RA	T	DM	4S	72		2,152	2,152	1	100						100		32	6	50	0.37	43.0
RA T Totals				13		3,012	3,012	1	100				29		71		25	6	35	0.30	86.1
Type Totals					1.1	23,738	23,470	7	35	31	34		4		11	85	28	7	76	0.71	309.1

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T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: MIXEDGRA

Date 8/7/2015

Time 9:14:25AM

T09N R02E S04 T0U11 **T09N R02E S04 T0U11**

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	0U11	6.00	4	27	S	W

Spp	ST	Sort	Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent Net Board Foot Volume: Log Scale Dia. 5-7	8-11	12-15	16+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		CU	CU														1	12		0.00	8.6
DF		HA	2S	8		1,973	1,973	12			100					100	38	13	229	1.34	8.6
DF		HB	2S	43	1.3	10,327	10,198	61			48	52				100	39	14	311	1.79	32.8
DF		HB	3S	17	4.4	4,168	3,986	24		100						100	39	9	103	0.68	38.9
DF		DM	2S	10		2,296	2,296	14			55	45			17	83	36	13	242	1.48	9.5
DF		DM	3S	13	1.5	3,261	3,213	19	19	81					32	68	35	8	94	0.71	34.3
DF		DM	4S	9		1,961	1,961	12	88	12			49	14		37	24	6	29	0.30	68.0
DF Totals				66	1.5	23,986	23,627	142	10	29	34	27	4	1	6	89	31	9	118	0.89	200.7
DF	T	CU	CU															7		0.00	7.0
DF	T	HB	2S	80		2,026	2,026	12			100					100	40	14	290	1.63	7.0
DF	T	DM	3S	20		489	489	3	100							100	40	7	70	0.67	7.0
DF T Totals				7		2,515	2,515	15	19		81					100	27	9	120	1.15	21.0
DF	D	CU	CU															6		0.00	7.9
DF	D	DM	3S	62	16.7	943	786	5		100					100		32	10	100	0.72	7.9
DF	D	DM	UT	38		472	472	3	100							100	40	6	60	0.37	7.9
DF D Totals				4	11.1	1,415	1,258	8	37	63					63	37	24	7	53	0.53	23.6
WH		CU	CU															7		0.00	7.7
WH		HB	2S	61	2.7	2,895	2,818	17			100					100	40	13	235	1.51	12.0
WH		DM	2S	17	5.6	856	808	5			100					100	36	12	170	1.28	4.8
WH		DM	3S	17		795	795	5	100							100	40	7	66	0.58	12.0
WH		DM	4S	5		190	190	1	100							100	37	5	40	0.46	4.8
WH Totals				13	2.6	4,736	4,611	28	21		79					100	32	9	112	1.00	41.2
WH	T	HB	2S	53		1,902	1,902	11			100					100	40	12	200	1.28	9.5
WH	T	HB	3S	27		963	963	6		100						100	36	11	160	1.03	6.0
WH	T	DM	4S	20		681	681	4	100					44		56	36	6	44	0.46	15.5
WH T Totals				10		3,546	3,546	21	19	27	54			8		92	37	9	114	0.84	31.1
Type Totals					1.8	36,198	35,557	213	14	24	44	18	3	2	6	89	31	9	112	0.89	317.5

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U1	50.00	33	259	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	33	259	7.8		
CRUISE	33	259	7.8	6,674	3.9
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
WHEMLOCK	83	44.1	18.8	69	19.5	84.5	9,584	9,255	2,690	2,687
WHEMLOCK-T	23	17.3	15.8	73	5.9	23.4	2,635	2,501	738	729
DOUG FIR	83	43.9	18.8	75	19.5	84.5	10,013	9,659	2,776	2,770
DOUG FIR-T	5	4.3	14.8	84	1.3	5.1	570	570	164	164
NOBLE F	11	7.5	16.6	79	2.8	11.2	1,422	1,417	369	369
NOBLE F-T	54	16.5	24.7	81	11.1	55.0	8,425	8,065	2,027	2,012
TOTAL	*259*	*133.5*	*19.0*	*74*	*60.5*	*263.8*	*32,649*	*31,467*	*8,763*	*8,731*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
WHEMLOCK	27.3	3.0	224	231	238			
WHEMLOCK-T	23.3	5.1	158	167	175			
DOUG FIR	36.8	4.0	236	246	256			
DOUG FIR-T	56.7	28.2	112	156	200			
NOBLE F	55.7	17.6	192	233	274			
NOBLE F-T	39.8	5.5	554	586	618			
TOTAL	*64.0*	*4.0*	*289*	*302*	*314*	*164*	*41*	*18*

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
WHEMLOCK	24.1	2.7	65	67	69			
WHEMLOCK-T	22.6	4.9	46	49	51			
DOUG FIR	37.3	4.1	68	71	74			
DOUG FIR-T	48.5	24.1	33	44	55			
NOBLE F	56.5	17.9	50	61	72			
NOBLE F-T	33.7	4.7	138	145	152			
TOTAL	*53.4*	*3.4*	*79*	*82*	*85*	*114*	*29*	*13*

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
WHEMLOCK	73.7	12.8	38	44	50			
WHEMLOCK-T	152.8	26.6	13	17	22			
DOUG FIR	72.2	12.6	38	44	49			
DOUG FIR-T	252.7	44.0	2	4	6			
NOBLE F	189.1	32.9	5	7	10			
NOBLE F-T	88.5	15.4	14	16	19			
TOTAL	*25.5*	*4.4*	*128*	*133*	*139*	*26*	*7*	*3*

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
WHEMLOCK	70.4	12.2	74	85	95			
WHEMLOCK-T	141.1	24.5	18	23	29			
DOUG FIR	69.0	12.0	74	85	95			
DOUG FIR-T	240.3	41.8	3	5	7			

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U1	50.00	33	259	S	W

CL: 68.1 %	COEFF		BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
NOBLE F	193.6	33.7	7	11	15			
NOBLE F-T	86.2	15.0	47	55	63			
TOTAL	*22.3*	*3.9*	*254*	*264*	*274*	*20*	*5*	*2*

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
WHEMLOCK	70.4	12.2	8,122	9,255	10,387			
WHEMLOCK-T	145.0	25.2	1,871	2,501	3,132			
DOUG FIR	70.2	12.2	8,480	9,659	10,839			
DOUG FIR-T	242.7	42.2	329	570	810			
NOBLE F	201.6	35.1	920	1,417	1,914			
NOBLE F-T	92.7	16.1	6,765	8,065	9,365			
TOTAL	*25.8*	*4.5*	*30,055*	*31,467*	*32,879*	*27*	*7*	*3*

CL: 68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
WHEMLOCK	69.0	12.0	2,364	2,687	3,009			
WHEMLOCK-T	143.1	24.9	548	729	911			
DOUG FIR	70.0	12.2	2,433	2,770	3,107			
DOUG FIR-T	240.9	41.9	95	164	233			
NOBLE F	202.1	35.2	239	369	498			
NOBLE F-T	88.4	15.4	1,702	2,012	2,321			
TOTAL	*24.2*	*4.2*	*8,364*	*8,731*	*9,098*	*23*	*6*	*3*

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U2	73.00	48	332	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	48	332	6.9		
CRUISE	48	332	6.9	12,790	2.6
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
NOBLE F	54	32.5	15.9	76	11.3	45.0	5,730	5,537	1,455	1,451
NOBLE F-T	75	22.0	22.8	79	13.1	62.5	8,854	8,386	2,216	2,208
WHEMLOCK	88	51.3	16.2	72	18.2	73.3	8,498	8,150	2,292	2,292
WHEMLOCK-T	30	24.3	13.7	71	6.7	25.0	2,799	2,703	755	756
DOUG FIR	80	41.1	17.2	78	16.1	66.7	8,299	8,064	2,175	2,175
DOUG FIR-T	5	4.0	13.8	85	1.1	4.2	496	496	130	130
TOTAL	*332*	*175.2*	*17.0*	*75*	*67.1*	*276.7*	*34,677*	*33,335*	*9,023*	*9,011*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
NOBLE F	57.6	8.0	206	224	241			
NOBLE F-T	41.8	4.8	392	412	432			
WHEMLOCK	53.9	5.8	199	212	224			
WHEMLOCK-T	51.5	9.6	134	148	162			
DOUG FIR	45.7	5.2	232	245	258			
DOUG FIR-T	23.0	11.5	113	128	143			
TOTAL	*59.4*	*3.3*	*252*	*260*	*269*	*141*	*35*	*16*

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
NOBLE F	45.2	6.3	55	59	62			
NOBLE F-T	32.8	3.8	103	107	111			
WHEMLOCK	52.3	5.6	57	60	63			
WHEMLOCK-T	54.3	10.1	39	43	47			
DOUG FIR	42.2	4.8	63	66	70			
DOUG FIR-T	18.1	9.0	30	33	36			
TOTAL	*52.2*	*2.9*	*68*	*70*	*72*	*109*	*27*	*12*

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
NOBLE F	153.1	22.1	25	32	40			
NOBLE F-T	109.2	15.7	19	22	25			
WHEMLOCK	112.2	16.2	43	51	60			
WHEMLOCK-T	235.9	34.0	16	24	33			
DOUG FIR	120.2	17.3	34	41	48			
DOUG FIR-T	432.0	62.3	2	4	6			
TOTAL	*52.6*	*7.6*	*162*	*175*	*188*	*110*	*28*	*12*

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
NOBLE F	134.3	19.4	36	45	54			
NOBLE F-T	111.2	16.0	52	63	73			
WHEMLOCK	93.0	13.4	63	73	83			
WHEMLOCK-T	173.5	25.0	19	25	31			
DOUG FIR	108.1	15.6	56	67	77			
DOUG FIR-T	453.3	65.4	1	4	7			

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U2	73.00	48	332	S	W

CL: 68.1 %	COEFF		BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
TOTAL	*31.3*	*4.5*	*264*	*277*	*289*	*39*	*10*	*4*

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
NOBLE F	135.0	19.5	4,459	5,537	6,615			
NOBLE F-T	117.4	16.9	6,967	8,386	9,806			
WHEMLOCK	95.7	13.8	7,025	8,150	9,275			
WHEMLOCK-T	177.0	25.5	2,013	2,703	3,393			
DOUG FIR	111.0	16.0	6,772	8,064	9,355			
DOUG FIR-T	445.4	64.2	178	496	815			
TOTAL	*36.5*	*5.3*	*31,583*	*33,335*	*35,088*	*53*	*13*	*6*

CL: 68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
NOBLE F	130.7	18.9	1,177	1,451	1,724			
NOBLE F-T	114.7	16.5	1,843	2,208	2,573			
WHEMLOCK	93.8	13.5	1,982	2,292	2,602			
WHEMLOCK-T	176.0	25.4	564	756	947			
DOUG FIR	109.8	15.8	1,831	2,175	2,519			
DOUG FIR-T	435.8	62.8	48	130	211			
TOTAL	*34.7*	*5.0*	*8,559*	*9,011*	*9,462*	*48*	*12*	*5*

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U3	45.00	32	261	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	32	261	8.2		
CRUISE	32	261	8.2	9,927	2.6
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	104	54.7	20.9	97	28.5	130.0	23,176	22,531	5,537	5,536
DOUG FIR-D	8	17.5	10.2	72	3.1	10.0	1,030	806	267	246
DOUG FIR-T	39	36.1	15.7	99	12.3	48.8	7,615	7,408	1,910	1,910
WHEMLOCK	38	19.6	21.1	86	10.3	47.5	7,203	6,644	1,802	1,748
WHEMLOCK-D	1	1.9	11.0	62	0.4	1.3	133	114	36	32
WHEMLOCK-T	56	70.8	13.5	89	19.1	70.0	9,666	9,275	2,514	2,475
R ALDER	7	9.6	12.9	89	2.4	8.8	1,088	1,002	291	287
R ALDER-T	3	8.3	9.1	85	1.2	3.8	427	427	110	110
NOBLE F-T	5	2.2	23.0	99	1.3	6.3	1,257	1,239	274	274
TOTAL	*261*	*220.6*	*16.5*	*91*	*80.4*	*326.3*	*51,595*	*49,446*	*12,740*	*12,618*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 %	COEFF		SAMPLE TREES - BF			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	50.9	5.0	469	494	518			
DOUG FIR-D	61.1	23.0	46	60	74			
DOUG FIR-T	55.0	8.8	227	249	271			
WHEMLOCK	39.9	6.6	373	399	425			
WHEMLOCK-D								
WHEMLOCK-T	46.1	6.3	155	166	176			
R ALDER	19.2	7.8	99	107	116			
R ALDER-T	50.9	35.2	37	57	77			
NOBLE F-T	68.6	34.1	479	726	973			
TOTAL	*71.6*	*4.5*	*333*	*349*	*365*	*205*	*51*	*23*

CL: 68.1 %	COEFF		SAMPLE TREES - CF			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	42.6	4.2	113	118	123			
DOUG FIR-D	85.9	32.4	14	21	27			
DOUG FIR-T	48.9	7.8	58	63	68			
WHEMLOCK	38.4	6.3	98	105	111			
WHEMLOCK-D								
WHEMLOCK-T	39.7	5.5	42	45	47			
R ALDER	20.9	8.5	28	31	34			
R ALDER-T	51.0	35.3	9	15	20			
NOBLE F-T	58.7	29.1	111	156	202			
TOTAL	*62.2*	*3.9*	*83*	*86*	*90*	*155*	*39*	*17*

CL: 68.1 %	COEFF		TREES/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	59.6	10.5	49	55	60			
DOUG FIR-D	237.8	42.0	10	18	25			
DOUG FIR-T	99.8	17.6	30	36	42			
WHEMLOCK	133.3	23.5	15	20	24			
WHEMLOCK-D	565.7	99.9	0	2	4			
WHEMLOCK-T	146.2	25.8	52	71	89			
R ALDER	437.9	77.3	2	10	17			

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STATISTICS

PROJECT MIXEDGRA

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U3	45.00	32	261	S	W

CL: 68.1 %	COEFF		TREES/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
R ALDER-T	451.3	79.7	2	8	15			
NOBLE F-T	351.2	62.0	1	2	4			
TOTAL	*59.7*	*10.5*	*197*	*221*	*244*	*142*	*36*	*16*

CL: 68.1 %	COEFF		BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	50.6	8.9	118	130	142			
DOUG FIR-D	227.2	40.1	6	10	14			
DOUG FIR-T	105.7	18.7	40	49	58			
WHEMLOCK	116.1	20.5	38	48	57			
WHEMLOCK-D	565.7	99.9	0	1	2			
WHEMLOCK-T	131.4	23.2	54	70	86			
R ALDER	430.3	76.0	2	9	15			
R ALDER-T	416.2	73.5	1	4	7			
NOBLE F-T	286.6	50.6	3	6	9			
TOTAL	*35.8*	*6.3*	*306*	*326*	*347*	*51*	*13*	*6*

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	57.6	10.2	20,240	22,531	24,822			
DOUG FIR-D	226.2	39.9	484	806	1,127			
DOUG FIR-T	114.4	20.2	5,911	7,408	8,905			
WHEMLOCK	118.6	21.0	5,251	6,644	8,036			
WHEMLOCK-D	565.7	99.9	0	114	227			
WHEMLOCK-T	139.6	24.7	6,988	9,275	11,562			
R ALDER	422.1	74.6	255	1,002	1,750			
R ALDER-T	401.9	71.0	124	427	730			
NOBLE F-T	284.0	50.2	618	1,239	1,861			
TOTAL	*40.4*	*7.1*	*45,914*	*49,446*	*52,978*	*65*	*16*	*7*

CL: 68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	53.8	9.5	5,010	5,536	6,062			
DOUG FIR-D	228.2	40.3	147	246	345			
DOUG FIR-T	111.5	19.7	1,534	1,910	2,287			
WHEMLOCK	119.1	21.0	1,380	1,748	2,115			
WHEMLOCK-D	565.7	99.9	0	32	65			
WHEMLOCK-T	134.6	23.8	1,886	2,475	3,063			
R ALDER	421.5	74.4	73	287	501			
R ALDER-T	401.7	71.0	32	110	187			
NOBLE F-T	282.9	50.0	137	274	411			
TOTAL	*38.5*	*6.8*	*11,760*	*12,618*	*13,475*	*59*	*15*	*7*

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U4	28.00	19	100	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	19	100	5.3		
CRUISE	10	57	5.7	3,369	1.7
DBH COUNT					
REFOREST COUNT	9	43	4.8		
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-T	40	77.5	21.1	90	41.1	189.1	30,619	30,012	7,251	7,251
WHEMLOCK-T	13	36.8	19.6	81	17.5	77.4	11,151	10,808	2,885	2,885
NOBLE F-T	4	6.0	24.7	89	4.0	20.1	3,463	3,098	786	787
TOTAL	*57*	*120.3*	*20.9*	*87*	*62.7*	*286.5*	*45,233*	*43,917*	*10,922*	*10,922*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 %	COEFF		**SAMPLE TREES - BF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	32.2	5.2	413	435	458			
WHEMLOCK-T	40.4	11.6	294	333	372			
NOBLE F-T	45.2	25.8	404	545	686			
TOTAL	*36.9*	*4.9*	*399*	*419*	*440*	*54*	*14*	*6*

CL: 68.1 %	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	28.3	4.5	100	104	109			
WHEMLOCK-T	36.6	10.6	79	88	98			
NOBLE F-T	30.3	17.3	112	136	160			
TOTAL	*31.6*	*4.2*	*99*	*103*	*107*	*40*	*10*	*4*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	59.3	14.0	67	78	88			
WHEMLOCK-T	107.2	25.3	27	37	46			
NOBLE F-T	192.1	45.3	3	6	9			
TOTAL	*36.0*	*8.5*	*110*	*120*	*131*	*55*	*14*	*6*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	59.4	14.0	163	189	216			
WHEMLOCK-T	110.8	26.1	57	77	98			
NOBLE F-T	185.7	43.7	11	20	29			
TOTAL	*34.0*	*8.0*	*264*	*287*	*309*	*49*	*12*	*5*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	63.5	15.0	25,520	30,012	34,503			
WHEMLOCK-T	111.3	26.2	7,973	10,808	13,642			
NOBLE F-T	182.2	42.9	1,768	3,098	4,428			
TOTAL	*35.9*	*8.5*	*40,204*	*43,917*	*47,631*	*54*	*14*	*6*

CL: 68.1 %	COEFF		**NET CUFT FT/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	62.5	14.7	6,183	7,251	8,318			
WHEMLOCK-T	110.8	26.1	2,132	2,885	3,638			
NOBLE F-T	183.0	43.1	448	787	1,126			
TOTAL	*35.2*	*8.3*	*10,017*	*10,922*	*11,828*	*52*	*13*	*6*

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U5	35.00	26	123	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	26	123	4.7		
CRUISE	12	56	4.7	4,173	1.3
DBH COUNT					
REFOREST COUNT	14	67	4.8		
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-T	52	102.4	18.8	81	45.4	196.8	30,330	29,777	7,323	7,324
WHEMLOCK-T	4	16.9	16.6	75	6.2	25.3	3,924	3,897	944	944
TOTAL	*56*	*119.2*	*18.5*	*80*	*51.7*	*222.1*	*34,254*	*33,675*	*8,267*	*8,268*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 %	COEFF		**SAMPLE TREES - BF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	44.4	6.2	346	369	392			
WHEMLOCK-T	56.1	32.0	207	305	403			
TOTAL	*44.9*	*6.0*	*343*	*365*	*387*	*80*	*20*	*9*

CL: 68.1 %	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	40.6	5.7	85	90	95			
WHEMLOCK-T	51.9	29.6	52	73	95			
TOTAL	*41.2*	*5.5*	*84*	*89*	*94*	*68*	*17*	*8*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	56.4	11.3	91	102	114			
WHEMLOCK-T	182.9	36.6	11	17	23			
TOTAL	*43.1*	*8.6*	*109*	*119*	*130*	*77*	*19*	*9*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	43.7	8.7	180	197	214			
WHEMLOCK-T	176.0	35.2	16	25	34			
TOTAL	*32.0*	*6.4*	*208*	*222*	*236*	*42*	*11*	*5*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	44.7	8.9	27,117	29,777	32,437			
WHEMLOCK-T	172.1	34.4	2,556	3,897	5,238			
TOTAL	*33.1*	*6.6*	*31,447*	*33,675*	*35,903*	*46*	*11*	*5*

CL: 68.1 %	COEFF		**NET CUFT FT/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	43.7	8.7	6,683	7,324	7,965			
WHEMLOCK-T	173.9	34.8	616	944	1,272			
TOTAL	*32.2*	*6.4*	*7,735*	*8,268*	*8,800*	*43*	*11*	*5*

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U6	20.00	14	62	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	14	62	4.4		
CRUISE	8	35	4.4	3,546	1.0
DBH COUNT					
REFOREST COUNT	5	26	5.2		
BLANKS	1				
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-T	23	113.7	15.0	87	36.1	140.0	18,761	18,247	4,981	4,981
WHEMLOCK-T	8	52.5	16.9	85	19.9	81.7	11,488	10,596	3,031	3,032
NOBLE F-T	3	6.2	21.5	85	3.4	15.6	2,273	1,879	580	581
R ALDER-T	1	5.0	12.0	76	1.1	3.9	396	347	118	118
TOTAL	*35*	*177.3*	*15.8*	*86*	*60.7*	*241.1*	*32,919*	*31,068*	*8,711*	*8,712*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 %	COEFF		**SAMPLE TREES - BF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	68.9	14.7	185	217	249			
WHEMLOCK-T	45.1	17.0	193	233	272			
NOBLE F-T	27.3	18.9	249	307	365			
R ALDER-T								
TOTAL	*60.7*	*10.3*	*201*	*224*	*247*	*147*	*37*	*16*

CL: 68.1 %	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	60.6	12.9	51	58	66			
WHEMLOCK-T	40.6	15.3	56	66	77			
NOBLE F-T	26.3	18.2	79	97	114			
R ALDER-T								
TOTAL	*54.5*	*9.2*	*57*	*63*	*68*	*118*	*30*	*13*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	102.3	28.3	81	114	146			
WHEMLOCK-T	78.0	21.6	41	52	64			
NOBLE F-T	212.0	58.7	3	6	10			
R ALDER-T	374.2	103.6		5	10			
TOTAL	*69.0*	*19.1*	*143*	*177*	*211*	*205*	*51*	*23*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	89.9	24.9	105	140	175			
WHEMLOCK-T	72.8	20.2	65	82	98			
NOBLE F-T	213.9	59.3	6	16	25			
R ALDER-T	374.2	103.6		4	8			
TOTAL	*60.5*	*16.8*	*201*	*241*	*282*	*157*	*39*	*17*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	84.6	23.4	13,971	18,247	22,523			
WHEMLOCK-T	71.1	19.7	8,509	10,596	12,683			
NOBLE F-T	229.0	63.4	687	1,879	3,070			
R ALDER-T	374.2	103.6		347	706			
TOTAL	*58.1*	*16.1*	*26,072*	*31,068*	*36,064*	*145*	*36*	*16*

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U6	20.00	14	62	S	W

CL:	68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15

CL:	68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T		86.8	24.1	3,783	4,981	6,180			
WHEMLOCK-T		72.0	19.9	2,427	3,032	3,636			
NOBLE F-T		219.8	60.9	227	581	935			
R ALDER-T		374.2	103.6		118	240			
TOTAL		*58.9*	*16.3*	*7,290*	*8,712*	*10,134*	*149*	*37*	*17*

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U7	81.00	60	367	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	60	367	6.1		
CRUISE	32	183	5.7	13,096	1.4
DBH COUNT					
REFOREST COUNT	28	178	6.4		
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
WHEMLOCK-T	79	69.1	18.0	72	28.9	122.8	15,708	15,044	4,198	4,199
DOUG FIR-T	70	66.1	17.6	80	26.5	111.1	14,799	14,386	3,888	3,884
NOBLE F-T	29	19.6	21.3	77	10.5	48.5	6,919	6,632	1,732	1,731
R ALDER-T	5	6.8	11.3	77	1.4	4.7	538	488	140	134
TOTAL	*183*	*161.7*	*18.0*	*76*	*67.6*	*287.1*	*37,964*	*36,549*	*9,958*	*9,949*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
WHEMLOCK-T	46.4	5.2	261	276	290			
DOUG FIR-T	53.0	6.3	259	277	295			
NOBLE F-T	53.5	10.3	393	439	484			
R ALDER-T	42.4	21.1	68	86	104			
TOTAL	*56.7*	*4.2*	*284*	*296*	*309*	*129*	*32*	*14*

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
WHEMLOCK-T	43.5	4.9	73	77	80			
DOUG FIR-T	47.7	5.7	70	74	78			
NOBLE F-T	42.2	8.1	104	113	122			
R ALDER-T	50.9	25.3	19	25	31			
TOTAL	*49.7*	*3.7*	*77*	*80*	*83*	*99*	*25*	*11*

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
WHEMLOCK-T	97.0	12.5	60	69	78			
DOUG FIR-T	124.7	16.1	55	66	77			
NOBLE F-T	160.3	20.7	16	20	24			
R ALDER-T	440.0	56.8	3	7	11			
TOTAL	*50.3*	*6.5*	*151*	*162*	*172*	*101*	*25*	*11*

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
WHEMLOCK-T	88.2	11.4	109	123	137			
DOUG FIR-T	120.5	15.5	94	111	128			
NOBLE F-T	158.3	20.4	39	49	58			
R ALDER-T	439.6	56.7	2	5	7			
TOTAL	*47.0*	*6.1*	*270*	*287*	*305*	*88*	*22*	*10*

CL: 68.1 % SD: 1.0

	COEFF VAR.%	S.E.%	NET BF/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
WHEMLOCK-T	87.1	11.2	13,353	15,044	16,734			
DOUG FIR-T	121.6	15.7	12,131	14,386	16,642			
NOBLE F-T	159.2	20.5	5,270	6,632	7,993			
R ALDER-T	461.6	59.5	197	488	778			
TOTAL	*48.6*	*6.3*	*34,258*	*36,549*	*38,841*	*94*	*24*	*10*

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U7	81.00	60	367	S	W

CL: 68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15

CL: 68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
WHEMLOCK-T	86.8	11.2	3,729	4,199	4,670			
DOUG FIR-T	120.9	15.6	3,279	3,884	4,490			
NOBLE F-T	158.5	20.4	1,377	1,731	2,085			
R ALDER-T	452.7	58.4	56	134	213			
TOTAL	*48.0*	*6.2*	*9,333*	*9,949*	*10,565*	*92*	*23*	*10*

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U8	0.50	2	6	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	2	6	3.0		
CRUISE	2	6	3.0	27	22.3
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-T	6	53.8	20.2	82	26.7	120.0	16,569	16,126	4,207	4,207
TOTAL	*6*	*53.8*	*20.2*	*82*	*26.7*	*120.0*	*16,569*	*16,126*	*4,207*	*4,207*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 %	COEFF		**SAMPLE TREES - BF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	32.8	14.6	270	317	363			
TOTAL	*32.8*	*14.6*	*270*	*317*	*363*	*51*	*13*	*6*

CL: 68.1 %	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	28.2	12.6	72	82	93			
TOTAL	*28.2*	*12.6*	*72*	*82*	*93*	*38*	*9*	*4*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	1.7	1.6	53	54	55			
TOTAL	*1.7*	*1.6*	*53*	*54*	*55*	*0*	*0*	*0*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T			120	120	120			
TOTAL			*120*	*120*	*120*			

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	.5	.5	16,050	16,126	16,202			
TOTAL	*.5*	*.5*	*16,050*	*16,126*	*16,202*	*0*	*0*	*0*

CL: 68.1 %	COEFF		**NET CUFT FT/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	4.5	4.2	4,030	4,207	4,385			
TOTAL	*4.5*	*4.2*	*4,030*	*4,207*	*4,385*	*1*	*0*	*0*

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	00U9	0.10	1	15	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	1	15	15.0		
CRUISE	1	13	13.0	48	27.1
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-T	10	410.0	17.5	75	163.8	685.6	92,250	91,020	22,450	22,450
WHEMLOCK-T	3	70.0	22.7	69	41.2	196.1	24,500	21,700	6,654	6,648
TOTAL	*13*	*480.0*	*18.4*	*74*	*205.8*	*881.7*	*116,750*	*112,720*	*29,104*	*29,098*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 %	COEFF		**SAMPLE TREES - BF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	70.7	23.5	170	222	274			
WHEMLOCK-T	46.9	32.4	210	310	410			
TOTAL	*63.2*	*18.2*	*198*	*242*	*286*	*173*	*43*	*19*

CL: 68.1 %	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	55.7	18.5	45	55	65			
WHEMLOCK-T	45.3	31.4	65	95	125			
TOTAL	*56.7*	*16.3*	*54*	*64*	*74*	*139*	*35*	*15*

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	0U10	0.30	2	8	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	2	8	4.0		
CRUISE	2	8	4.0	42	18.9
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-T	7	98.1	17.5	69	39.2	164.3	20,725	20,458	5,455	5,455
R ALDER-T	1	43.0	10.0	64	7.4	23.5	3,012	3,012	640	640
TOTAL	*8*	*141.1*	*15.6*	*68*	*47.5*	*187.8*	*23,738*	*23,470*	*6,095*	*6,095*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 %	COEFF		**SAMPLE TREES - BF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	47.3	19.3	209	259	308			
R ALDER-T								
TOTAL	*55.9*	*21.1*	*185*	*235*	*285*	*142*	*36*	*16*

CL: 68.1 %	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	45.9	18.7	56	69	81			
R ALDER-T								
TOTAL	*56.2*	*21.2*	*49*	*62*	*75*	*144*	*36*	*16*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	54.1	50.6	48	98	148			
R ALDER-T	141.4	132.4		43	100			
TOTAL	*5.5*	*5.2*	*134*	*141*	*148*	*2*	*1*	*0*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	20.2	18.9	133	164	195			
R ALDER-T	141.4	132.4		23	55			
TOTAL	*.0*	*.0*	*188*	*188*	*188*	*0*	*0*	*0*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	16.3	15.2	17,340	20,458	23,575			
R ALDER-T	141.4	132.4		3,012	7,001			
TOTAL	*4.0*	*3.7*	*22,598*	*23,470*	*24,341*	*1*	*0*	*0*

CL: 68.1 %	COEFF		**NET CUFT FT/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	15.6	14.6	4,657	5,455	6,253			
R ALDER-T	141.4	132.4		640	1,486			
TOTAL	*.9*	*.8*	*6,046*	*6,095*	*6,143*	*0*	*0*	*0*

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	0U11	6.00	4	27	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	4	27	6.8		
CRUISE	4	27	6.8	728	3.7
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	17	74.2	18.8	89	33.0	142.8	23,986	23,627	5,584	5,584
DOUG FIR-D	1	7.9	14.0	108	2.2	8.4	1,415	1,258	301	297
DOUG FIR-T	2	7.0	21.0	88	3.7	16.8	2,515	2,515	641	641
WHEMLOCK	4	16.7	19.2	82	7.7	33.6	4,736	4,611	1,300	1,300
WHEMLOCK-T	3	15.5	17.3	76	6.1	25.2	3,546	3,546	963	963
TOTAL	*27*	*121.3*	*18.5*	*88*	*52.7*	*226.9*	*36,198*	*35,557*	*8,789*	*8,785*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR

CL: 68.1 %	COEFF		**SAMPLE TREES - BF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	42.0	10.8	381	427	473			
DOUG FIR-D								
DOUG FIR-T								
WHEMLOCK	20.4	11.7	247	280	313			
WHEMLOCK-T			345	345	345			
TOTAL	*32.8*	*6.8*	*370*	*397*	*424*	*45*	*11*	*5*

CL: 68.1 %	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	37.7	9.7	90	99	109			
DOUG FIR-D								
DOUG FIR-T								
WHEMLOCK	16.2	9.3	71	79	86			
WHEMLOCK-T			94	94	94			
TOTAL	*23.0*	*4.8*	*92*	*96*	*101*	*22*	*6*	*2*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	49.4	28.2	53	74	95			
DOUG FIR-D	200.0	114.3		8	17			
DOUG FIR-T	200.0	114.3		7	15			
WHEMLOCK	145.2	83.0	3	17	31			
WHEMLOCK-T	121.2	69.2	5	16	26			
TOTAL	*24.6*	*14.0*	*104*	*121*	*138*	*31*	*8*	*3*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	22.5	12.9	124	143	161			
DOUG FIR-D	200.0	114.3		8	18			
DOUG FIR-T	200.0	114.3		17	36			
WHEMLOCK	141.4	80.8	6	34	61			
WHEMLOCK-T	127.7	72.9	7	25	44			
TOTAL	*18.6*	*10.7*	*203*	*227*	*251*	*18*	*5*	*2*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	29.3	16.8	19,667	23,627	27,586			
DOUG FIR-D	200.0	114.3		1,258	2,695			

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TC TSTATS

STATISTICS

PROJECT MIXEDGRA

DATE 8/7/2015

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
09N	02E	04	MIXEDGRAVY	0U11	6.00	4	27	S	W

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-T	200.0	114.3		2,515	5,389			
WHEMLOCK	135.3	77.3	1,046	4,611	8,177			
WHEMLOCK-T	124.6	71.2	1,021	3,546	6,071			
TOTAL	*17.6*	*10.1*	*31,979*	*35,557*	*39,135*	*16*	*4*	*2*

CL: 68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	25.4	14.5	4,772	5,584	6,395			
DOUG FIR-D	200.0	114.3		297	637			
DOUG FIR-T	200.0	114.3		641	1,373			
WHEMLOCK	137.4	78.5	279	1,300	2,321			
WHEMLOCK-T	129.8	74.2	249	963	1,677			
TOTAL	*19.2*	*11.0*	*7,821*	*8,785*	*9,750*	*19*	*5*	*2*

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TC PSPCTLTCM

Species Summary - Trees, Logs, Tons, CCF, MBF

T09N R02E S04 Ty00U1	50.0
T09N R02E S04 Ty00U2	73.0
T09N R02E S04 Ty0U1	6.0

Project MIXEDGRA
Acres 338.90

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Species	ST	Total Trees	Total Logs	Total Tons	Net Cubic Ft/ Tree	Net Cubic Ft/ Log	CF/ LF	Total CCF Gross	Total CCF Net	Total MBF Gross	Total MBF Net
DOUG FIR	T	15,652	34,674	28,141	63.06	28.47	0.84	9,874	9,871	3,939	3,849
WHEMLOCK	T	14,192	27,509	23,233	51.01	26.32	0.80	7,260	7,240	2,746	2,633
DOUG FIR		8,104	18,173	16,538	71.56	31.91	0.94	5,803	5,799	2,293	2,227
NOBLE F	T	4,408	9,746		101.62	45.96	1.36	4,493	4,479	1,827	1,733
WHEMLOCK		6,930	13,911	12,503	56.00	27.90	0.89	3,907	3,881	1,452	1,384
NOBLE F		2,745	5,264		45.31	23.62	0.69	1,246	1,243	489	475
R ALDER	T	1,036	1,440	519	17.73	12.76	0.39	189	184	72	67
R ALDER		431	822	360	29.98	15.72	0.47	131	129	49	45
DOUG FIR	D	836	987	394	15.35	13.01	0.41	138	128	55	44
WHEMLOCK	D	85	85	51	17.13	17.13	0.43	16	15	6	5
Totals		54,420	112,611	81,738	60.58	29.28	0.88	33,057	32,970	12,929	12,462

Wood Type Species	Total Trees	Total Logs	Total Tons	Net Cubic Ft/ Tree	Net Cubic Ft/ Log	CF/ LF	Total CCF Gross	Total CCF Net	Total MBF Gross	Total MBF Net
C	52,952	110,349	80,859	61.67	29.59	0.89	32,737	32,657	12,808	12,350
H	1,468	2,262	879	21.33	13.84	0.42	320	313	121	112
Totals	54,420	112,611	81,738	60.58	29.28	0.88	33,057	32,970	12,929	12,462

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