WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES

TIMBER NOTICE OF SALE

***SALE NAME**: STEBBINS VRH VDT* ***AGREEMENT NO**: 30-094063*

AUCTION: February 23, 2017 starting at 10:00 a.m., Pacific Cascade Region Office, Castle Rock, WA **COUNTY:** Skamania

SALE LOCATION: Sale located approximately 21 miles northeast of Washougal

PRODUCTS SOLD AND SALE AREA: All timber, except trees marked with blue paint, trees bounded out by yellow Leave Tree Area tags, western redcedar, noble fir, silver fir, snags, all down timber greater than 10 inches in diameter bounded by; Timber Sale Boundary tags, pink flagging, and the W-2000 road in Units 1 and 5, white Timber Sale Boundary tags, blue Special Management Unit Boundary tags in Unit 2, white Timber Sale Boundary tags, reprod, and the CG-2090C road in Unit 3, white Timber Sale Boundary tags, Special Management Unit Boundary tags, and reprod in Unit 4, white Timber Sale Boundary tags, blue Special Management Area tags in Units 5 and 6 and on Right of Way tags in Unit 7 on part(s) of Sections 30 and 31 all in Township 3 North, Range 6 East, W.M., containing 280 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	20.7	8	7,[illegible]							5,351	1,587	395	44
Hemlock	15.4		156							61	68	23	4
Red alder	10.6		144							4	19	93	28
Noble fir	28.3		15							13	2		
Sale Total			7,692										

MINIMUM BID: $0/MBF (est. value $[illegible].00) **BID METHOD:** Sealed Bids

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

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

BIDDABLE SPECIES: **DATA MISSING: Biddable specie(s) has not been indicated.**

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

HARVEST METHOD: Cable, Highlead, Motorized Carriage, Slackline, Shotgun, Ground based equipment, Shovel, Forwarder and Rubber tired skidder. All timber, except leave trees bounded by yellow Leave Tree Area tags, leave trees marked with blue paint, snags, and down timber greater than 10 inches diameter bounded by the following: white Timber Sale Boundary tags, pink flagging and the W-2000 road in Units 1 and 5; white Timber Sale Boundary tags, blue Special Management Boundary tags, and pink flagging in Unit 2; and white Timber Sale Boundary tags and pink flagging in Units 3 and 4. All timber bounded by: Right-of-Way Boundary tags and orange Ground Based Yarding will not be permitted from October 1 to May 1 unless authorized in writing by the Contract Administrator.

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TIMBER NOTICE OF SALE

ROADS: 105.35 stations of required construction. 12.13 stations of required reconstruction. 30.30 stations of optional construction. 21.49 stations of optional reconstruction. 223.10 stations of required pre-haul maintenance. 42.81 stations of light abandonment. Rock for construction, reconstruction, and pre-haul maintenance under this contract may be obtained at no cost to the Purchaser from the following rock sources; 2 INCH MINUS CRUSHED ROCK, 3 INCH MINUS JAW ROCK, HEAVY and LIGHT LOOSE RIP RAP from the W-2014 Pit located in Section 36, Township 03 North, Range 05 East, WM. Road construction will not be permitted from October 1 to April 30 unless authorized in writing by the Contract Administrator.

ACREAGE DETERMINATION

CRUISE METHOD: The sale acres were determined by GIS delineation. Cruise was completed using variable plot cruise methods.

FEES: $136,533.00 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 has approximately 1,285 MBF of high quality 2 saw DF, 566 MBF of high quality 3 saw DF, 81 MBF of DF pole volume, 6 MBF of oversize 3 saw and 15 MBF of high quality 2 saw. Unit 2 is a VDT down to a BA of 180 sq. ft./acre. See driving map for gate locations. Pacific 1-state keys may be obtained from the Pacific Cascade Region office. The gates may not be open during haul must be locked or securely fastened in the open position.

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TIMBER SALE MAP

SALE NAME: STEBBINS VRH VDT
AGREEMENT #: 30-094063
TOWNSHIP(S): T02R06E, T03R06E
TRUST(S): State Forest Transfer(1)

REGION: Pacific Cascade Region
COUNTY(S): SKAMANIA
ELEVATION RGE: 851-1850

Variable Retention Harvest	Hazard Abatement Area	Streams
Variable Density Thinning	Existing Roads	Stream Type
Leave Tree Area	Required Pre-Haul Maintenance	Stream Type Break
Riparian Mgt Zone	Required Construction	Leave Trees
Talus	Required Reconstruction	Recreation Site
Sale Boundary Tags	Optional Construction	Potential Rock Source
Special Mgmt Area	Optional Reconstruction	Stockpile
Leave Tree Tags	Old Grades/Trails	
Right of Way Tags	Designated Skid Trail	

N

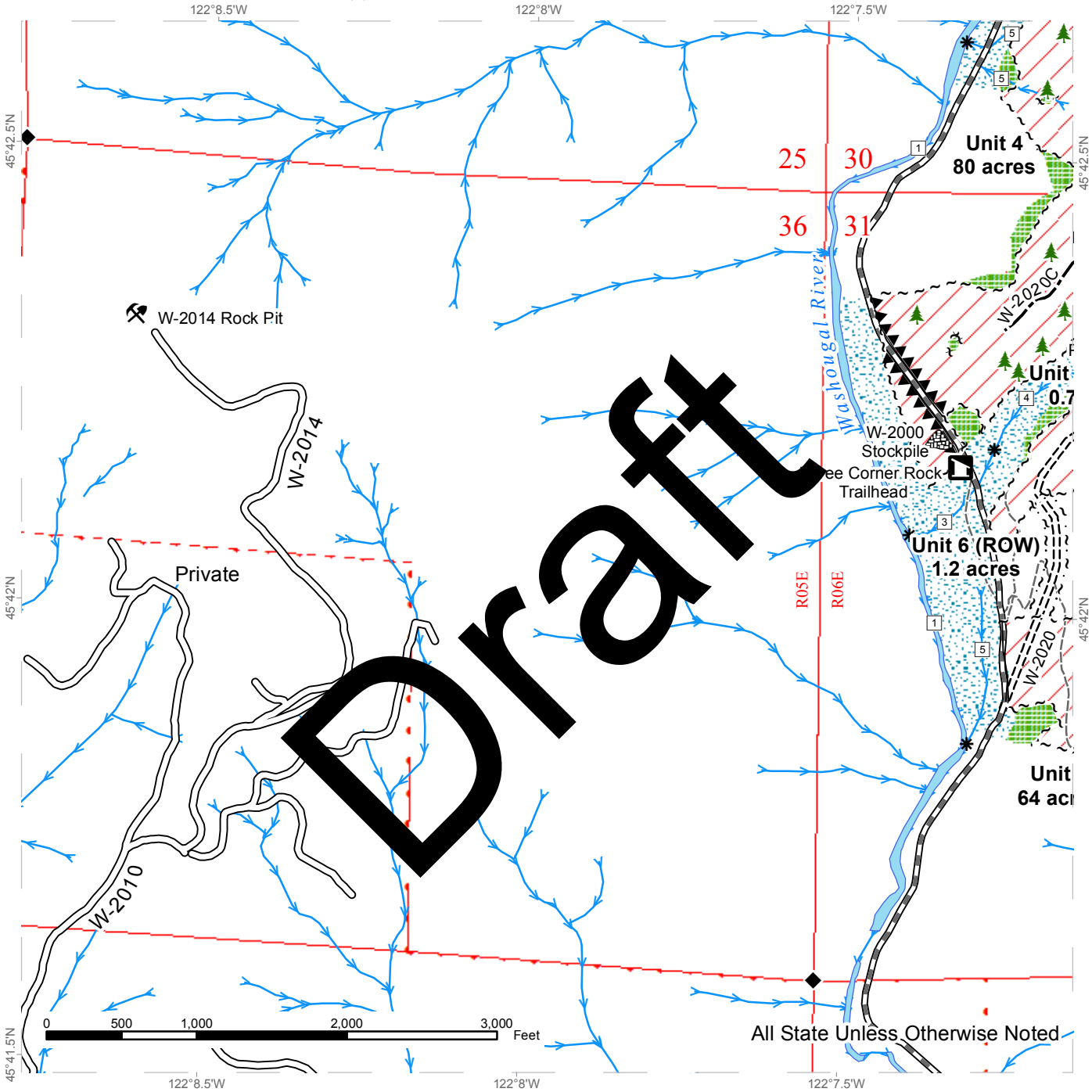
Prepared By: ggor490 04/11/2016

Modification Date: 10/13/2016

TIMBER SALE MAP

SALE NAME: STEBBINS VRH VDT
AGREEMENT #: None
TOWNSHIP(S): T02R06E, T03R06E
TRUST(S): State Forest Transfer(1)

REGION: Pacific Cascade Region
COUNTY(S): SKAMANIA
ELEVATION RGE: 851-1850



Variable Retention Harvest	Hazard Abatement Area	Streams
Leave Tree Area	Existing Roads	Stream Type
Riparian Mgt Zone	Required Pre-Haul Maintenance	Stream Type Break
Sale Boundary Tags	Required Construction	Monumented Corners
Special Mgmt Area	Optional Construction	Leave Trees
Leave Tree Tags	Old Grades/Trails	Recreation Site
Right of Way Tags		Existing Rock Pit
		Stockpile

N

Prepared By: ggor490 04/11/2016

Modification Date: 10/13/2016

DRIVING MAP

SALE NAME: STEBBINS VRH VDT
AGREEMENT#: 30-94063
TOWNSHIP(S): T02R06E, T03R06E
TRUST(S): State Forest Transfer(1)

REGION: Pacific Cascade Region
COUNTY(S): SKAMANIA
ELEVATION RGE: 851-1850

Timber Sale Unit
Highways
Haul Route
Other Route
Milepost Markers
Distance Indicator
Town
Gate (PCP 1-1)
Existing Rock Pit
Potential Rock Source

DRIVING DIRECTIONS:

From State Route 14 (milepost 16), turn north onto Washougal River Road and follow for 10.2 miles. At the junction with Salmon Falls Road, stay left to remain on Washougal River Road and follow for 7.3 miles.
Turn right onto the W-2000 road (at Dougan Falls) and follow for 1 mile.
To access the W-2014 Rock Pit, turn left at the W-2010 road and go through a gate. Continue on the W-2010 road for 1.7 miles and then take a slight right onto the W-2013 road. Continue for 0.1 miles and then turn left onto the W-2014 road. Travel on the W-2014 road for 1.1 miles to access the W-2014 Rock Pit.
To access the harvest units, continue past the W-2010 gate for 2.1 miles.
Units 1, 2, 3, 4, 6, 7, 8, 9, and 10 and the W-2020C Rock Source are located east of the W-2000 road beyond the 3 mile mark. Continue on the W-2000 for another 1 mile to reach Unit 5.

N

Prepared By: ggor490 04/11/2016

Modification Date: 4/18/2016

Cruise Narrative

Sale Name: Stebbins VRH, VDT	**Region:** Pacific Cascade
App. #: 30-094063	**District:** Yacolt
Lead Cruiser: Eric Carlson	**Completion date:** 6-20-2016
Other Cruisers: Bryce Frank, Kalvin Bailey	

Unit acreage specifications:

Unit	Acreage	Cruised acres agree with sale acres?	If acres do not agree then explain why.
1	64	Yes	
2	48	Yes	
3	78	Yes	
4	80	Yes	
5	6	Yes	
6 ROW	1.2	Yes	
7 ROW	0.7	Yes	
8 ROW	1.6	Yes	
9 ROW	0.5	Yes	
Total	280	Yes	

Unit cruise specifications:

Unit #	Sample type (VP, FP, ITS,100%)	Ex tor (BAF, full/ half)	Sig ng heigh 4.5 ft, ft.)	Grid size (Plot spacing or % of area)	Plot ratio (Cru./Tally)	Total number of plots
1	VP	40	4.5 ft.	250’ x 250’	1:1	45
2	VP	61	4.5 ft.	250’ x 250’	1:1	34
3	VP	40	4.5 ft.	250’ x 250’	1:1	54
4	VP	40	4.5 ft.	250’ x 250’	1:1	56
5	VP	40	4.5 ft.	208’ x 208’	Cruise All	5
6 ROW	VP	40	4.5 ft.	132’ x 132’	Cruise All	3
7 ROW	VP	40	4.5 ft.	101’ x101’	2:1	3
8 ROW	VP	40	4.5 ft.	152’ x152’	Cruise All	3
9 ROW	VP	40	4.5 ft.	104’ x 104’	Cruise All	2

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.					
Avg. ring count by sp:	**DF** =	8	**WH** =	NA	**SS** =	n/a
Leave/take tree description:	Leave tree clumps are bounded with yellow “Leave Tree Area” tags and pink flagging, individual leave trees are marked with a single band of blue paint.					

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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.
Status Description:	**L** - Logs classified as Leave Trees. **P** - Logs classified as Pole volume.

Field observations:

Stebbins VRH VDT - consists of 4 VRH units and 1 VDT unit and 7 ROW's. Stebbins consists of 280 net harvest acres. It is situated in the Three Corner Rock block of the Yacolt District.

Units 1 Is located to the east of the W-2000 with access by hiking in on the 3 corner rock trail. The predominant species in this unit is Douglas-fir with 97% and small amounts of Red Alder and Western Hemlock. The average diameter is 20.1 inches and the average bole ht. is 84 ft. Defect for this unit is right at 3% and consisted mainly of sweep, hooked butts and spike-knots. The average per acre volume is 28,138 board feet and the total volume is 1,801 mbf. Unit 1 is 64 acres of the total sale area.

Unit 2 Is a VDT unit located to the east of the W-2000 with access by hiking in on the 3 corner rock trail. It has similar stand characteristics as unit 3. Removal volume was determined on plot with the silvicultural prescription. **All residual volume is delineated by a "L" in the status column of the cruise reports.** This unit was running about 33.5 mbf/acre, removal volume are around 5.5 mbf/acre, for a total removal of 268 mbf.

Unit 3 is located east of the W-2000 with access by hiking in on the 3 corner rock trail or the old grade W-2020 ABN road. This unit consisted mainly of Douglas-fir with 97% and small amounts of Red Alder and Western Hemlock. The average diameter is 21.4 inches and the average bole ht. is 91 feet. Defect for this unit is 2.3% and consisted of spike-knots, hooked butts, and sweep. The average per acre volume is 38,212 board feet and the total volume is 2,981 mbf. Unit 3 is 78 acres of the total sale area.

Unit 4 is located east of the W-2000 with access by hiking in on the W-2020 ABN road or the 3 corner rock trail. The predominant species in this unit was Douglas-fir with 93% but there was also small amounts of Western Hemlock, Red Alder and Noble Fir. The average diameter is 20.6 inches and the average bole ht. is 83 ft. Defect for this unit is 3.1% and consisted of spike-knots, hooked butts, and sweep. The average per acre volume is 29,373 board feet and the total volume is 2,350 mbf. This unit accounts for 80 acres of the total sale area.

Unit 5 is located east of the W-2000 with access by hiking off the road. The dominant species in this unit is Douglas-fir with 95% but there was also small amounts of Western Hemlock. The average diameter is 22.6 inches and the average bole ht. is 96 ft. Defect was right at 2.2% and consisted of spike-knots, hooked butts, and sweep. The average per acre volume is 29,644 board feet and the total volume is 178 mbf. This unit makes up 6 acres of the total sale area.

Unit 6 ROW- Unit 9 ROW These 4 ROW units were all very similar timber to the adjacent units and makes up a small portion of the timber sale acres.

Grant: 01 **Prepared by: Eric Carlson** **Title: Timber Cruiser**

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TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

T03N R06E S31 Ty00U1
THRU
T03N R06E S31 Ty00U9

Project: STEBBINS

Acres 280.00

Page 1
Date 7/7/2016
Time 7:18:00AM

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		CU CU		100.0	20											1	11		0.00	14.8
DF		HA 3S			41	41	11		100						100	40	10	150	0.97	.3
DF		HB 2S	17	1.2	4,643	4,589	1,285			59	41			2	98	39	15	319	1.86	14.4
DF		HB 3S	8	1.0	2,002	1,983	555		100					20	80	37	10	128	0.86	15.5
DF		D 2S	55	3.5	14,883	14,366	4,022			30	70			2	98	39	16	408	2.30	35.2
DF		D 3S	14	1.9	3,586	3,518	985	22	78			1	11	22	66	35	9	95	0.73	37.1
DF		D 4S	5	1.3	1,405	1,387	388	87	13			25	29	19	27	26	6	31	0.35	44.8
DF		D UT			152	152	43	54	6	27	13	27	3	70		25	6	44	0.45	3.5
DF		RO 3S	1	16.6	24	20	6			100				35	65	34	13	200	1.78	.1
DF	**Totals**		81	2.6	26,756	26,055	7,296	8	19	27	46	2	3	7	88	31	10	157	1.20	165.7
DF	L	CU CU		100.0	5											3	11		0.00	3.0
DF	L	HB 2S	16	1.6	788	776	217				30				100	40	14	303	1.80	2.6
DF	L	HB 3S	18	.4	894	890	249		100					7	93	38	10	132	0.85	6.7
DF	L	D 2S	34	3.0	1,653	1,604	449			[illegible]	[illegible]	[illegible]		3	96	38	15	339	2.03	4.7
DF	L	D 3S	22	1.1	1,071	1,059	297	29	71						76	36	8	98	0.68	10.8
DF	L	D 4S	8		377	377	106	96	4			28	32	14	26	25	6	27	0.32	13.7
DF	L	D UT	2		60	60	17	9			40	[illegible]			51	23	8	60	0.62	1.0
DF	**Totals**		15	1.7	4,849	4,766	1,334	[illegible]	35		25	[illegible]	3	8	86	30	9	112	0.89	42.5
DF	P	CU CU															5		0.00	.3
DF	P	HB 2S	54		158	158				100					100	37	14	280	1.59	.6
DF	P	HB 3S	22		65	65	[illegible]		[illegible]					40	60	36	10	124	0.80	.5
DF	P	D 3S	15		42	[illegible]			100						100	36	10	140	0.89	.3
DF	P	D 4S	9		25	[illegible]	[illegible]	100				22	37		42	27	6	30	0.34	.8
DF	**Totals**		1			290	81		37	55		2	3	9	86	29	9	117	0.90	2.5
RA		CU CU		100.0												6	5		0.00	1.5
RA		D UT	19		99	99	[illegible]	100				69	31			17	5	17	0.20	5.7
RA		D 2S	3	8.1	17	[illegible]	4			100			18		82	38	13	205	1.59	.1
RA		D 3S	13	5.6	72	[illegible]	19		100			39	57		4	26	10	93	1.12	.7
RA		D 4S			1	1	0		100				100			30	9	70	0.76	.0
RA		D 4S	65		332	332	93	100					43	18	39	34	6	41	0.42	8.1
RA	**Totals**		2	2.3	527	515	144	84	13	3		18	42	12	28	25	6	32	0.40	16.0
RA	L	CU CU														3	17		0.00	.1
RA	L	D UT	22		7	7	2	100				29	71			22	5	26	0.26	.3
RA	L	D 4S	78	6.4	25	23	7		100				63		37	33	8	66	1.00	.4
RA	**Totals**		0	5.0	32	30	8	22	78			6	65		29	25	8	43	0.75	.7
WH		CU CU														2	12		0.00	1.1
WH		HB 2S	9		52	52	15			100					100	40	14	290	1.74	.2
WH		D 2S	29	5.9	174	164	46			65	35			40	60	35	13	243	1.76	.7
WH		D 3S	44	7.5	262	242	68	15	85					39	61	36	9	97	0.86	2.5
WH		D 4S	14		81	81	23	98	2			16	60	23		24	5	27	0.34	3.0
WH		D UT	4		20	20	5	100				65	35			20	5	24	0.27	.8
WH	**Totals**		2	5.1	589	559	156	24	37	28	10	5	10	32	54	26	8	67	0.76	8.3
NF		CU CU															11		0.00	.0
NF		D 2S	89	4.0	50	48	13			24	76				100	40	16	429	2.34	.1

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TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

T03N R06E S31 Ty00U1
THRU
T03N R06E S31 Ty00U9

Project: STEBBINS
Acres 280.00

Page 2
Date 7/7/2016
Time 7:18:00AM

Spp	S T	So rt	Gr 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
NF		D	3S	11		6	6	2		100				49		51	27	10	91	0.92	.1
NF	**Totals**			0	3.6	56	54	15		11	21	68		5		95	32	14	279	1.94	.2
Totals					2.5	33,098	32,268	9,035	10	22	27	41	2	4	8	86	30	10	137	1.08	235.8

Residual Volume is represented with an "L" in the status column.
Volume to be removed is as follows.
DF = 7,377 mbf
RA = 144 mbf
WH = 156 mbf
NF = 15 mbf
Grand Total = 7,692 mbf

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TC PSTATS

PROJECT STATISTICS

PROJECT **STEBBINS**

DATE 7/7/2016

TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U1	THR	280.00	205	1,025	S	W
03N	06E	31	STEBBINS	00U9						

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	205	1025	5.0		
CRUISE	109	531	4.9	27,006	2.0
DBH COUNT					
REFOREST					
COUNT	93	485	5.2		
BLANKS	3				
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	402	63.7	20.7	86	32.7	148.7	26,756	26,055	6,089	6,086
DOUG FIR-L	82	16.7	18.1	84	7.0	29.[illegible]	4,849	4,766	1,149	1,147
DOUG FIR-P	5	.8	19.1	92	0.4	1.[illegible]	290	290	65	65
R ALDER	18	10.7	10.6	62	2.0	6.5	527	515	161	159
R ALDER-L	3	.4	16.3	54	0.1	[illegible]	32	30	13	13
WHEMLOCK	19	4.1	15.4	60	1.4	[illegible]	[illegible]	559	161	161
NOBLE F	2	.1	28.3	101	0.1	[illegible]	[illegible]	54	12	12
TOTAL	*531*	*96.4*	*19.1*	*82*	*44.1*	*192.8*	*33,098*	*32,268*	*7,651*	*7,644*

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 - CF LOW	AVG	HIGH	# OF TREES REQ. 5	7	INF. POP. 10
DOUG FIR	64.5	3.2	621	641	662			
DOUG FIR-L	65.3	7.[illegible]	379	409	438			
DOUG FIR-P	35.2	[illegible]	[illegible]	[illegible]	437			
R ALDER	82.3	29.9	[illegible]	12[illegible]	147			
R ALDER-L	6.7	[illegible].6	83	87	91			
WHEMLOCK	90.1	2[illegible]	184	234	283			
NOBLE F	21.8	20.4	6[illegible]	780	939			
TOTAL	*71.0*	*3.1*	[illegible]	*568*	*585*	*202*	*103*	*50*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 5	7	INF. POP. 10
DOUG FIR	57.1	2.8	141	145	149			
DOUG FIR-L	59.1	6.5	90	97	103			
DOUG FIR-P	26.9	13.4	72	84	95			
R ALDER	79.6	19.3	32	40	47			
R ALDER-L	28.3	19.6	31	39	46			
WHEMLOCK	79.4	18.7	52	64	76			
NOBLE F	5.7	5.3	175	185	195			
TOTAL	*62.8*	*2.7*	*127*	*130*	*134*	*157*	*80*	*39*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	82.6	5.8	60	64	67			
DOUG FIR-L	239.0	16.7	14	17	19			
DOUG FIR-P	577.6	40.3	0	1	1			
R ALDER	450.1	31.4	7	11	14			
R ALDER-L	1109.5	77.4	0	0	1			
WHEMLOCK	387.5	27.0	3	4	5			
NOBLE F	1122.9	78.4	0	0	0			
TOTAL	*70.9*	*4.9*	*92*	*96*	*101*	*201*	*102*	*50*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10

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PROJECT STATISTICS

PROJECT STEBBINS

TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U1	THR	280.00	205	1,025	S	W
03N	06E	31	STEBBINS	00U9						

DOUG FIR	68.2	4.8	142	149	156			
DOUG FIR-L	235.6	16.4	25	30	35			
DOUG FIR-P	558.6	39.0	1	2	2			
R ALDER	402.8	28.1	5	7	8			
R ALDER-L	1065.1	74.3	0	1	1			
WHEMLOCK	308.9	21.6	4	5	6			
NOBLE F	1111.1	77.5	0	0	0			
TOTAL	*46.3*	*3.2*	*187*	*193*	*199*	*86*	*44*	*21*

CL 68.1 SD: 1.0

NET BF/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	69.2	4.8	24,797	26,055	27,314			
DOUG FIR-L	239.1	16.7	3,971	4,766	5,561			
DOUG FIR-P	555.9	38.8	177	290	402			
R ALDER	425.5	29.7	362	515	668			
R ALDER-L	1097.6	76.6	7	30	53			
WHEMLOCK	309.3	21.6	438	559	679			
NOBLE F	1175.8	82.1	10	54	98			
TOTAL	*49.2*	*3.4*	*31,159*	*32,268*	*33,377*	*97*	*49*	*24*

CL 68.1 SD: 1.0

NET CUFT FT/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR	68.4	4.8	5,795	6,086	6,[illegible]			
DOUG FIR-L	238.6	16.7	956	1,147	1,[illegible]8			
DOUG FIR-P	556.3	38.8	40	65	91			
R ALDER	408.2	28.5	114	159	[illegible]04			
R ALDER-L	1041.1	72.7	4	[illegible]	[illegible]			
WHEMLOCK	308.2	21.5	127	[illegible]	196			
NOBLE F	1136.6	79.3	3	[illegible]	22			
TOTAL	*47.8*	*3.3*	*7,389*	*7,644*	*7,899*	*91*	*47*	*23*

CL 68.1 SD: 1.0

V[illegible]ACRE

	COEFF VAR.%	S.E.%	[illegible]W	[illegible]AVG	HIGH	# OF PLOTS REQ. 5	7	INF. POP. 10
DOUG FIR			[illegible]	[illegible]5	184			
DOUG FIR-L	152.0	[illegible].6	[illegible]	[illegible]	186			
DOUG FIR-P	458.5	[illegible].0	108	176	244			
R ALDER	209.4		56	79	102			
R ALDER-L	1097.6	76.6	1[illegible]	59	104			
WHEMLOCK	236.7	16.5	[illegible]	105	128			
NOBLE F	1175.8	82.1	35	192	350			
TOTAL	*49.6*	*3.5*	*162*	*167*	*173*	*98*	*50*	*25*

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Species, Sort Grade - Board Foot Volumes (Type)

Project: STEBBINS

Date 7/7/2016

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T03N R06E S31 T00U1

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
03N	06E	31	STEBBINS	00U1	64.00	45	104	S	W

T03N R06E S31 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
DF		CU	CU		100.0	81											1	13		0.00	12.4
DF		HA	3S			179	179	11		100						100	40	10	150	0.97	1.2
DF		HB	2S	19	.9	5,059	5,015	321			48	52				100	39	15	324	1.89	15.5
DF		HB	3S	8	.6	2,434	2,420	155		100					25	75	37	10	128	0.88	18.9
DF		DM	2S	54	4.1	15,380	14,752	944			36	64			2	98	39	15	375	2.17	39.3
DF		DM	3S	12	2.2	3,264	3,192	204	40	60			0	11	36	53	35	8	81	0.65	39.2
DF		DM	4S	6	.3	1,647	1,642	105	82	18			26	24	32	17	25	6	32	0.35	52.0
DF		DM	UT			68	68	4	45	55			100				14	6	17	0.27	4.0
DF		RO	3S	1	18.8	69	56	4			10[illegible]					100	36	15	260	2.06	.2
DF Totals				97	3.0	28,180	27,326	1,749	10	18	[illegible]8	4[illegible]	[illegible]2	3	9	86	31	10	150	1.15	182.8
DF	P	HB	2S	68		101	101	6			1[illegible]					100	40	12	200	1.28	.5
DF	P	HB	3S	25		35	35	2		100					100		32	8	70	0.57	.5
DF	P	DM	4S	7		10	10	1	100				[illegible]00				19	5	20	0.24	.5
DF P Totals				1		146	146	9		24	[illegible]		[illegible]7		24	69	30	8	97	0.81	1.5
RA		CU	CU															5		0.00	3.7
RA		DM	UT	5		29	29	2	100					100			21	5	20	0.40	1.4
RA		DM	3S	23		115	[illegible]	[illegible]7		100			100				20	11	80	1.03	1.4
RA		DM	4S	72		364	364	2[illegible]	[illegible]00							100	40	5	44	0.44	8.3
RA Totals				2		[illegible]8	508	32	[illegible]	23			23	6		72	26	6	34	0.48	14.9
WH		DM	3S	84	8.3	1[illegible]	134	9		100					100		32	10	110	1.59	1.2
WH		DM	4S	16		24	24	2	100					100			21	5	20	0.34	1.2
WH Totals				1	7.1	171	[illegible]	10	15	85				15	85		27	8	65	1.10	2.4
Type Totals					3.0	29,005	28,138	1,801	11	18	28	43	2	3	10	85	30	10	140	1.11	201.6

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Project: STEBBINS

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T03N R06E S31 T00U2

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
03N	06E	31	STEBBINS	00U2	48.00	34	101	S	W

T03N R06E S31 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
DF	L	CU	CU		100.0	32											3	11		0.00	17.6
DF	L	HB	2S	16	1.6	4,599	4,525	217			70	30				100	40	14	303	1.80	14.9
DF	L	HB	3S	18	.4	5,213	5,190	249		100					7	93	38	10	132	0.85	39.2
DF	L	DM	2S	34	3.0	9,642	9,354	449			43	57	2		3	96	38	15	339	2.03	27.6
DF	L	DM	3S	22	1.1	6,248	6,178	297	29	71				4	20	76	36	8	98	0.68	62.8
DF	L	DM	4S	8		2,201	2,201	106	96	4			28	32	14	26	25	6	27	0.32	80.0
DF	L	DM	UT	2		353	353	17	9	51		40	49			51	23	8	60	0.62	5.9
DF	**L**	**Totals**		83	1.7	28,286	27,800	1,334	14	35	26	[illegible]	3	3	8	86	30	9	112	0.89	247.9
DF		CU	CU															5		0.00	6.1
DF		HB	2S	23	2.4	1,317	1,285	62								100	39	13	246	1.52	5.2
DF		HB	3S	20		1,137	1,137	55		100					15	85	38	10	134	0.92	8.5
DF		DM	2S	18	2.9	1,067	1,036	50			76	[illegible]				100	37	15	291	1.82	3.6
DF		DM	3S	30	1.1	1,649	1,631	78	16	[illegible]					30	70	36	9	106	0.72	15.4
DF		DM	4S	9		496	496	24	[illegible]	[illegible]				30		38	24	5	26	0.32	19.3
DF		**Totals**		17	1.4	5,665	5,584	268	[illegible]	[illegible]	37	[illegible]	3	3	12	83	29	8	96	0.83	58.0
RA	L	CU	CU														3	17		0.00	.6
RA	L	DM	UT	22		39	[illegible]	[illegible]	100				29	71			22	5	26	0.26	1.5
RA	L	DM	4S	78	6.4	145	136	[illegible]		100				63		37	33	8	66	1.00	2.0
RA	**L**	**Totals**		1	5.0	[illegible]	175	8	[illegible]	78			6	65		29	25	8	43	0.75	4.1
Type Totals					1.7	34,[illegible]	33,559	[illegible]611	14	37	27	21	3	4	8	85	30	9	108	0.88	310.1

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Species, Sort Grade - Board Foot Volumes (Type)

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T03N R06E S31 T00U3

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
03N	06E	31	STEBBINS	00U3	78.00	54	131	S	W

T03N R06E S31 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														1	13		0.00	22.6
DF		HB	2S	20	.7	7,501	7,448	581			60	40			2	98	39	15	330	1.91	22.5
DF		HB	3S	7	1.0	2,573	2,546	199		100					20	80	37	9	118	0.78	21.6
DF		DM	2S	54	3.1	20,126	19,512	1,522			26	74			2	98	39	16	425	2.33	45.9
DF		DM	3S	14	1.4	4,913	4,844	378	18	82			1	9	12	77	35	9	101	0.74	48.1
DF		DM	4S	4	3.2	1,797	1,740	136	88	12			26	34	25	15	25	6	31	0.35	56.3
DF		DM	UT			12	12	1	100				100				13	5	10	0.20	1.2
DF		RO	3S	1	12.5	28	25	2			100				100		33	12	140	1.48	.2
DF Totals				95	2.2	36,949	36,127	2,818	7	19	[illegible]	4[illegible]	1	3	6	90	30	11	165	1.25	218.4
DF	P	CU	CU															5		0.00	.9
DF	P	HB	2S	52		485	485	38			1[illegible]					100	36	15	300	1.68	1.6
DF	P	HB	3S	22		204	204	16		100					32	68	37	10	139	0.86	1.5
DF	P	DM	3S	17		151	151	12								100	36	10	140	0.89	1.1
DF	P	DM	4S	9		80	80	6	1[illegible]					40		46	28	6	32	0.36	2.5
DF P Totals				2		920	920	73		3[illegible]	53		1	4	7	88	29	9	121	0.91	7.6
WH		CU	CU														2	13		0.00	2.1
WH		DM	2S	37	7.8	466	[illegible]	[illegible]			62	38			21	79	37	14	270	1.90	1.6
WH		DM	3S	49	5.6	585	553	4[illegible]	5	95					21	79	37	9	110	0.86	5.0
WH		DM	4S	11		[illegible]	129	10		4			24	76			23	5	27	0.32	4.8
WH		DM	UT	3		[illegible]	24	2	100					100			29	6	40	0.49	.6
WH Totals				3	5.7	1,20[illegible]	1,137	[illegible]89	15	47	23	15	3	11	19	68	27	9	80	0.84	14.1
RA		DM	4S	100		28	[illegible]	2	100						100		31	5	30	0.45	.9
RA Totals				0		28	28	2	100						100		31	5	30	0.45	.9
Type Totals					2.3	39,103	38,212	2,981	7	20	27	46	1	3	6	89	30	10	158	1.21	241.1

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Species, Sort Grade - Board Foot Volumes (Type)

Project: STEBBINS

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T03N R06E S31 T00U4

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
03N	06E	31	STEBBINS	00U4	80.00	56	127	S	W

T03N R06E S31 T00U4

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														0	10		0.00	15.7
DF		HB	2S	12	2.2	3,614	3,533	283			65	35			6	94	39	14	303	1.81	11.7
DF		HB	3S	7	1.6	1,790	1,761	141		100					19	81	37	10	140	0.97	12.6
DF		DM	2S	61	3.7	17,507	16,864	1,349			29	71			1	99	39	16	426	2.40	39.6
DF		DM	3S	13	2.4	3,473	3,390	271	18	82			2	17	23	58	34	9	94	0.78	36.2
DF		DM	4S	5	.3	1,421	1,416	113	89	11			19	26	4	51	28	6	32	0.35	43.8
DF		DM	UT	2		459	459	37	55		32	13	15	3	82		31	6	60	0.50	7.6
DF	**Totals**			93	3.0	28,264	27,424	2,194	8	17	27	[illegible]	2	3	7	88	31	10	164	1.25	167.2
RA		CU	CU		100.0	23											13	5		0.00	2.3
RA		DM	UT	24		319	319	26	100					26			17	5	17	0.19	18.6
RA		DM	3S	11	9.1	150	136	11		100				[illegible]			30	10	100	1.16	1.4
RA		DM	4S	65		838	838	67	100					[illegible]	22	19	32	6	41	0.41	20.4
RA	**Totals**			4	2.8	1,330	1,294	103	89	11			[illegible]	55	14	13	24	6	30	0.36	42.7
WH		CU	CU														2	11		0.00	1.9
WH		HB	2S	29		151	151				100					100	40	14	290	1.74	.5
WH		DM	2S	23		113	113	9			100				100		32	12	160	1.28	.7
WH		DM	3S	26	17.1	158	[illegible]	[illegible]	28	72					72	28	34	8	70	0.68	1.9
WH		DM	4S	22		109	109	[illegible]	100					50	50		29	5	32	0.39	3.4
WH	**Totals**			2	5.1	[illegible]	504	40	[illegible]	19	52			11	52	37	25	8	60	0.70	8.4
NF		DM	2S	93		[illegible]	140	11			29	71				100	40	16	420	2.21	.3
NF		DM	3S	7		10	10	1		100				100			23	9	60	0.68	.2
NF	**Totals**			1		150	[illegible]	12		7	27	67		7		93	34	14	300	1.87	.5
Type Totals					3.0	30,276	29,373	2,350	12	17	26	46	2	6	8	84	29	9	134	1.09	218.8

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T03N R06E S31 T00U5

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
03N	06E	31	STEBBINS	00U5	6.00	5	21	S	W

T03N R06E S31 T00U5

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		HB	2S	7		2,189	2,189	13				100				100	40	16	428	2.30	5.1
DF		DM	2S	65	2.1	18,543	18,150	109			42	58			2	98	40	15	378	2.16	48.0
DF		DM	3S	24	3.7	6,941	6,682	40	8	92				6	11	83	37	9	116	0.83	57.5
DF		DM	4S	4		1,107	1,107	7	86	14			60	40			19	6	26	0.37	42.4
DF		**Totals**		95	2.3	28,779	28,128	169	5	22	27	45	2	3	4	91	33	11	184	1.31	153.0
WH		DM	3S	47		713	713	4	100							100	40	7	70	0.53	10.2
WH		DM	4S	13		204	204	1	100				100				15	5	20	0.20	10.2
WH		DM	UT	40		599	599	4	100				[illegible]00				17	5	20	0.17	29.9
WH		**Totals**		5		1,515	1,515	9	100				[illegible]3			47	21	5	30	0.31	50.3
Type Totals					2.1	30,295	29,644	178	10	21	[illegible]	[illegible]3	5	[illegible]	[illegible]4	89	30	9	146	1.14	203.3

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Species, Sort Grade - Board Foot Volumes (Type)

Project: STEBBINS

Date 7/7/2016

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T03N R06E S31 T00U6

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
03N	06E	31	STEBBINS	00U6	1.20	3	10	S	W

T03N R06E S31 T00U6

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														3	24		0.00	8.6
DF		HB	2S	6	3.1	1,616	1,566	2			100					100	36	15	310	1.93	5.1
DF		HB	3S	6		1,353	1,353	2		100						100	36	11	160	1.12	8.5
DF		DM	2S	62	3.6	14,836	14,304	17			40	60				100	37	16	350	2.06	40.8
DF		DM	3S	16		3,798	3,798	5		100			4	5		91	34	9	109	0.77	34.9
DF		DM	4S	7	2.0	1,557	1,526	2	86	14			22	34		45	27	6	33	0.41	46.5
DF		DM	UT	3		559	559	1	22			78	100				14	10	61	0.74	9.2
DF	**Totals**			100	2.6	23,720	23,106	28	6	23	32	[illegible]	4	3		93	30	11	151	1.16	153.5
Type Totals					2.6	23,720	23,106	28	6	23	[illegible]2	39	4	3		93	30	11	151	1.16	153.5

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Project: STEBBINS

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T03N R06E S31 T00U7

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
03N	06E	31	STEBBINS	00U7	.70	3	8	S	W

T03N R06E S31 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
RA		DM	UT	3		318	318	0	100				38	62			21	6	32	0.59	10.0
RA		DM	2S	72	8.1	6,623	6,086	4			100			18		82	38	13	205	1.59	29.7
RA		DM	3S	12	5.6	1,100	1,039	1		100						100	40	11	170	1.42	6.1
RA		DM	4S	5		428	428	0		100				100			30	9	70	0.76	6.1
RA		DM	4S	8	.0	651	651	0	100					100			26	6	33	0.49	19.7
RA	**Totals**			41	6.6	9,119	8,522	6	11	17	71		1	28		71	32	10	119	1.16	71.6
DF		CU	CU															7		0.00	11.6
DF		HB	2S	33		4,159	4,159	3			10[illegible]					100	40	15	360	2.06	11.6
DF		DM	2S	57		7,084	7,084	5				100				100	40	20	670	3.37	10.6
DF		DM	3S	10		1,179	1,179	1	69	31	[illegible]					69	33	8	70	0.79	16.8
DF	**Totals**			59		12,422	12,422	9	7	3	[illegible]	[illegible]	3	[illegible]		97	29	12	246	1.95	50.5
Type Totals					2.8	21,541	20,944	15	8	[illegible]	[illegible]	34	2	11		86	31	10	172	1.47	122.1

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T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: STEBBINS

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Date 7/7/2016
Time 7:18:01AM

T03N R06E S31 T00U8

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
03N	06E	31	STEBBINS	00U8	1.60	3	14	S	W

T03N R06E S31 T00U8

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	249											17	5		0.00	12.5
DF		HB	2S	39		8,519	8,519	14			40	60				100	40	16	412	2.32	20.7
DF		HB	3S	12	2.2	2,540	2,485	4		100						100	40	9	130	0.87	19.1
DF		DM	2S	33	1.8	7,234	7,106	11			45	55			18	82	37	15	370	2.21	19.2
DF		DM	3S	12		2,688	2,688	4	12	88				6	19	75	37	9	101	0.82	26.7
DF		DM	4S	4		731	731	1	52	48			77	23			16	7	23	0.43	31.9
DF	**Totals**			78	2.0	21,962	21,530	34	3	24	31	42	3	2	8	87	31	10	166	1.29	130.0
WH		HB	2S	38		1,608	1,608	3			10[illegible]					100	40	14	290	1.74	5.5
WH		DM	2S	33		1,338	1,338	2				100			100		32	17	370	2.63	3.6
WH		DM	3S	14		586	586	1	57	43	[illegible]				43	57	35	7	64	0.76	9.2
WH		DM	4S	15		604	604	1	100						100		31	4	20	0.26	30.2
WH	**Totals**			15		4,135	4,135	7	23	6	39	32			53	47	33	7	85	0.74	48.5
NF		CU	CU															11		0.00	2.9
NF		DM	2S	72	20.0	1,744	1,395	2								100	40	19	480	3.13	2.9
NF		DM	3S	28		523	523			[illegible]						100	40	11	180	1.31	2.9
NF	**Totals**			7	15.4	2,267	1,918	3				73				100	27	14	220	2.22	8.7
Type Totals					2.8	28,36[illegible]	27,583	4[illegible]	6	22	30	42	2	1	15	82	31	9	147	1.18	187.2

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T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type)

Project: STEBBINS

Date 7/7/2016

Time 7:18:01AM

T03N R06E S31 T00U9

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt
03N	06E	31	STEBBINS	00U9	.50	2	15	S	W

T03N R06E S31 T00U9

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		HB	2S	25	3.4	14,607	14,108	7			79	21				100	40	14	315	1.72	44.8
DF		HB	3S	3		1,136	1,136	1		100						100	40	10	150	0.89	7.6
DF		DM	2S	55	3.8	31,408	30,225	15			30	70			3	97	39	15	371	2.10	81.5
DF		DM	3S	13	4.4	7,490	7,161	4	15	85				22	31	48	32	8	80	0.66	89.2
DF		DM	4S	4		1,684	1,684	1	75	25			43	57			17	6	25	0.39	67.5
DF	**Totals**			94	3.6	56,325	54,315	27	4	14	37	44	1	5	6	88	32	11	187	1.34	290.7
WH		DM	2S	74	4.3	2,495	2,387	1				100				100	40	17	440	2.63	5.4
WH		DM	3S	22	7.1	759	705	0		100					100		32	11	130	1.12	5.4
WH		DM	4S	4		108	108	0		100			100				13	8	20	0.50	5.4
WH	**Totals**			6	4.8	3,363	3,200	2		25		75			22	75	28	12	197	1.74	16.3
Type Totals					3.6	59,688	57,515	29	4	15	35	[illegible]	1	[illegible]	7	88	32	11	187	1.35	306.9

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PROJECT STEBBINS

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TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U1	64.00	45	198	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	45	198	4.4		
CRUISE	23	104	4.5	5,476	1.9
DBH COUNT					
REFOREST COUNT	22	92	4.2		
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	98	74.0	20.1	84	36.5	163.[illegible]	28,180	27,326	6,517	6,503
DOUG FIR-P	1	.5	18.0	94	0.2	[illegible]	146	146	37	37
R ALDER	4	9.8	12.2	48	2.3	8.0	508	508	186	186
WHEMLOCK	1	1.2	20.0	55	0.6	[illegible]	171	159	71	71
TOTAL	*104*	*85.6*	*19.4*	*80*	*39.8*	[illegible]	*29,[illegible]*	*28,138*	*6,811*	*6,797*

CONFIDENCE LIMITS OF THE SAMPLE

68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN TH[illegible]E ERRO[illegible]

CL: 68.1 %	COEFF		**SAMPLE TR[illegible]ES - BF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AV[illegible]	[illegible]GH	5	7	10
DOUG FIR	70.4	7.1	557	600	642			
DOUG FIR-P								
R ALDER	46.0	26.3	46[illegible]	63	[illegible]9			
WHEMLOCK								
TOTAL	*74.5*		[illegible]	[illegible]	*613*	*222*	*113*	*55*

CL: 68.1 %	COEFF		**SA[illegible]LE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S[illegible]	LOW	AVG	HIGH	5	7	10
DOUG FIR	61.5	6.[illegible]	129	138	146			
DOUG FIR-P								
R ALDER	59.5	34.0	[illegible]17	25	34			
WHEMLOCK								
TOTAL	*64.8*	*6.3*	*124*	*132*	*140*	*168*	*86*	*42*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	67.7	10.1	67	74	82			
DOUG FIR-P	670.8	99.9	0	1	1			
R ALDER	343.0	51.1	5	10	15			
WHEMLOCK	495.4	73.8	0	1	2			
TOTAL	*66.3*	*9.9*	*77*	*86*	*94*	*175*	*89*	*44*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	49.7	7.4	151	164	176			
DOUG FIR-P	670.8	99.9	0	1	2			
R ALDER	312.6	46.6	4	8	12			
WHEMLOCK	495.4	73.8	1	3	5			
TOTAL	*45.5*	*6.8*	*163*	*175*	*187*	*83*	*42*	*21*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	49.0	7.3	25,331	27,326	29,320			
DOUG FIR-P	670.8	99.9	0	146	292			
R ALDER	320.9	47.8	265	508	750			
WHEMLOCK	495.4	73.8	42	159	276			
TOTAL	*46.8*	*7.0*	*26,176*	*28,138*	*30,100*	*87*	*45*	*22*

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PROJECT STEBBINS

DATE 7/7/2016

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U1	64.00	45	198	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	7	10

CL: 68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	48.9	7.3	6,029	6,503	6,977			
DOUG FIR-P	670.8	99.9	0	37	74			
R ALDER	315.2	46.9	98	186	273			
WHEMLOCK	495.4	73.8	19	71	124			
TOTAL	*45.6*	*6.8*	*6,335*	*6,797*	*7,258*	*83*	*42*	*21*

CL: 68.1 %	COEFF		V-BAR/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR			155	167	179			
DOUG FIR-P	670.8	99.9	0	164	328			
R ALDER	170.7	25.4	33	63	94			
WHEMLOCK	202.3	30.1	16	60	104			
TOTAL	*183.3*	*27.3*	*149*	*161*	*172*	*1,342*	*684*	*335*

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PROJECT STEBBINS

DATE 7/7/2016

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U2	48.00	34	217	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	34	217	6.4		
CRUISE	16	101	6.3	5,751	1.8
DBH COUNT					
REFOREST COUNT	18	116	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
DOUG FIR	16	20.6	18.1	86	8.6	36.6	5,665	5,584	1,404	1,404
DOUG FIR-L	82	97.2	18.1	84	40.9	174.0	28,286	27,800	6,702	6,693
R ALDER-L	3	2.0	16.3	54	0.7	3.0	184	175	75	75
TOTAL	*101*	*119.8*	*18.1*	*84*	*50.2*	*113.5*	*34,135*	*33,559*	*8,181*	*8,172*

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**			TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	41.0	10.6	276	309	[illegible]			
DOUG FIR-L	65.3	7.2	379	[illegible]	[illegible]			
R ALDER-L	6.7	4.6	83	[illegible]	91			
TOTAL	*66.1*	*6.6*	*358*	*383*	*408*	*174*	*89*	*44*

CL: 68.1 %	COEFF		**SAMPLE TREES**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	38.0	[illegible]	69	77	84			
DOUG FIR-L	59.1	[illegible]	[illegible]	[illegible]	103			
R ALDER-L	28.3	29.6	[illegible]	[illegible]	46			
TOTAL	*58.8*	[illegible]	*86*	*92*	*97*	*138*	*70*	*34*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	101.1	17.3	17	21	24			
DOUG FIR-L	33.5	5.7	92	97	103			
R ALDER-L	448.0	76.8	0	2	4			
TOTAL	*35.1*	*6.0*	*113*	*120*	*127*	*49*	*25*	*12*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	94.3	16.2	31	37	42			
DOUG FIR-L	29.1	5.0	165	174	183			
R ALDER-L	429.3	73.6	1	3	5			
TOTAL	*30.5*	*5.2*	*202*	*214*	*225*	*37*	*19*	*9*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	93.4	16.0	4,691	5,584	6,478			
DOUG FIR-L	33.6	5.8	26,201	27,800	29,400			
R ALDER-L	443.0	75.9	42	175	307			
TOTAL	*35.1*	*6.0*	*31,541*	*33,559*	*35,578*	*49*	*25*	*12*

CL: 68.1 %	COEFF		**NET CUFT FT/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	93.7	16.1	1,178	1,404	1,629			
DOUG FIR-L	33.0	5.7	6,314	6,693	7,071			
R ALDER-L	419.2	71.8	21	75	130			
TOTAL	*34.0*	*5.8*	*7,696*	*8,172*	*8,647*	*46*	*23*	*12*

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PROJECT **STEBBINS**

DATE 7/7/2016

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	**06E**	**31**	**STEBBINS**	**00U2**	48.00	34	217	S	W

CL:	68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	7	10

CL:	68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR				128	153	177			
DOUG FIR-L				151	160	169			
R ALDER-L		443.0	75.9	14	59	104			
TOTAL		*208.5*	*35.7*	*148*	*157*	*167*	*1,736*	*886*	*434*

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PROJECT STEBBINS

DATE 7/7/2016

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U3	78.00	54	281	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	54	281	5.2		
CRUISE	27	131	4.9	6,724	1.9
DBH COUNT					
REFOREST COUNT	27	145	5.4		
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
DOUG FIR	118	76.8	21.4	91	41.6	192.6	36,949	36,127	8,212	8,212
DOUG FIR-P	4	2.5	19.3	92	1.2	5.2	920	920	205	205
WHEMLOCK	8	5.9	17.3	67	2.3	9.6	1,205	1,137	315	315
R ALDER	1	.9	12.0	33	0.2	[illegible]	28	28	13	13
TOTAL	*131*	*86.2*	*21.0*	*89*	*45.4*	*208.1*	*39,103*	*38,212*	*8,745*	*8,744*

CONFIDENCE LIMITS OF THE SAMPLE

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

CL: 68.1 %	COEFF		**SAMPLE TREES**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	62.0	5.7	661	[illegible]	[illegible]			
DOUG FIR-P	36.1	20.6	312	[illegible]	473			
WHEMLOCK	91.4	34.5	174	265	356			
R ALDER								
TOTAL	*66.1*	*5.8*	*622*	*660*	[illegible]	*174*	*89*	*44*

CL: 68.1 %	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	55.7	5.1	14[illegible]	15[illegible]	163			
DOUG FIR-P	29.3	[illegible]	72	86	100			
WHEMLOCK	78.7	2[illegible]	50	71	93			
R ALDER								
TOTAL	*59.2*	*5.2*	[illegible]*9*	*147*	*155*	*140*	*71*	*35*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	54.1	7.3	71	77	82			
DOUG FIR-P	315.1	42.8	1	3	4			
WHEMLOCK	216.4	29.4	4	6	8			
R ALDER	734.8	99.9	0	1	2			
TOTAL	*52.5*	*7.1*	*80*	*86*	*92*	*110*	*56*	*28*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	36.1	4.9	183	193	202			
DOUG FIR-P	301.4	41.0	3	5	7			
WHEMLOCK	212.5	28.9	7	10	12			
R ALDER	734.8	99.9	0	1	1			
TOTAL	*33.9*	*4.6*	*199*	*208*	*218*	*46*	*23*	*11*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	36.6	5.0	34,328	36,127	37,925			
DOUG FIR-P	298.9	40.6	546	920	1,294			
WHEMLOCK	213.7	29.1	806	1,137	1,467			
R ALDER	734.8	99.9	0	28	57			
TOTAL	*34.7*	*4.7*	*36,411*	*38,212*	*40,013*	*48*	*24*	*12*

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PROJECT STEBBINS

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TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U3	78.00	54	281	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	7	10

CL: 68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	36.2	4.9	7,808	8,212	8,616			
DOUG FIR-P	300.4	40.8	121	205	288			
WHEMLOCK	214.3	29.1	223	315	406			
R ALDER	734.8	99.9	0	13	26			
TOTAL	*34.0*	*4.6*	*8,340*	*8,744*	*9,149*	*46*	*24*	*12*

CL: 68.1 %	COEFF		V-BAR/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR			178	188	197			
DOUG FIR-P	235.9	32.1	105	177	250			
WHEMLOCK	151.3	20.6	84	118	152			
R ALDER	734.8	99.9	0	38	76			
TOTAL	*207.9*	*28.3*	*175*	*184*	*192*	*1,725*	*880*	*431*

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TC TSTATS

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PROJECT STEBBINS

DATE 7/7/2016

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U4	80.00	56	258	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	56	258	4.6		
CRUISE	29	127	4.4	8,178	1.6
DBH COUNT					
REFOREST COUNT	25	129	5.2		
BLANKS	2				
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	115	69.7	20.6	83	35.6	161.4	28,264	27,424	6,463	6,464
R ALDER	7	28.4	9.8	66	4.8	15.0	1,330	1,294	378	372
WHEMLOCK	4	3.9	15.3	64	1.3	5.0	531	504	148	148
NOBLE F	1	.2	28.0	106	0.1	[illegible]	150	150	32	32
TOTAL	*127*	*102.2*	*18.1*	*78*	*42.8*	*182.1*	*30,276*	*29,373*	*7,021*	*7,016*

CONFIDENCE LIMITS OF THE SAMPLE

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

CL: 68.1 %	COEFF		**SAMPLE TREES**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	64.9	6.1	629	[illegible]	[illegible]			
R ALDER	60.7	24.7	47	[illegible]	78			
WHEMLOCK	81.8	46.7	91	170	249			
NOBLE F								
TOTAL	*71.6*	*6.4*	*583*	*622*	[illegible]	*205*	*104*	*51*

CL: 68.1 %	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	57.7	5.4	14[illegible]	15[illegible]	160			
R ALDER	71.8	[illegible]	14	19	25			
WHEMLOCK	73.2	4[illegible]	28	48	68			
NOBLE F								
TOTAL	*64.1*	*5.7*	[illegible]	*142*	*150*	*164*	*84*	*41*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	83.3	11.1	62	70	77			
R ALDER	282.0	37.7	18	28	39			
WHEMLOCK	308.2	41.2	2	4	6			
NOBLE F	748.3	99.9	0	0	0			
TOTAL	*86.5*	*11.5*	*90*	*102*	*114*	*299*	*152*	*75*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	64.8	8.6	147	161	175			
R ALDER	271.8	36.3	10	15	20			
WHEMLOCK	307.5	41.1	3	5	7			
NOBLE F	748.3	99.9	0	1	1			
TOTAL	*51.1*	*6.8*	*170*	*182*	*195*	*104*	*53*	*26*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	64.0	8.5	25,081	27,424	29,768			
R ALDER	278.0	37.1	813	1,294	1,774			
WHEMLOCK	304.5	40.7	299	504	709			
NOBLE F	748.3	99.9	0	150	301			
TOTAL	*54.6*	*7.3*	*27,230*	*29,373*	*31,515*	*119*	*61*	*30*

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PROJECT STEBBINS

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TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U4	80.00	56	258	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	7	10

CL: 68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	64.2	8.6	5,909	6,464	7,018			
R ALDER	275.2	36.7	235	372	509			
WHEMLOCK	304.6	40.7	88	148	208			
NOBLE F	748.3	99.9	0	32	64			
TOTAL	*53.4*	*7.1*	*6,515*	*7,016*	*7,516*	*114*	*58*	*28*

CL: 68.1 %	COEFF		V-BAR/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR			155	170	184			
R ALDER	112.5	15.0	54	86	118			
WHEMLOCK	240.4	32.1	60	101	142			
NOBLE F	748.3	99.9	0	210	421			
TOTAL	*203.7*	*27.2*	*149*	*161*	*173*	*1,658*	*846*	*414*

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PROJECT STEBBINS

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TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U5	6.00	5	21	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	5	21	4.2		
CRUISE	4	21	5.3	568	3.7
DBH COUNT					
REFOREST COUNT					
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	19	54.6	22.6	96	32.0	152.0	28,779	28,128	6,649	6,650
WHEMLOCK	2	40.1	8.6	43	5.5	16.0	1,515	1,515	330	330
TOTAL	*21*	*94.7*	*18.0*	*74*	*39.6*	*168.0*	*30,295*	*29,644*	*6,979*	*6,980*

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	7	10
DOUG FIR	47.4	11.2	560	630	700			
WHEMLOCK	90.0	84.3	9	55	[illegible]			
TOTAL	*57.7*	*12.9*	*501*	[illegible]	[illegible]	*140*	*71*	*35*

CL: 68.1 %	COEFF		**SAMPLE TREES -**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	40.7	9.6	[illegible]	146	[illegible]			
WHEMLOCK	111.7	104.6		13	28			
TOTAL	*51.8*	*11.6*	*118*	*133*	*148*	*113*	*58*	*28*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	68.8	[illegible]	36	55	73			
WHEMLOCK	223.6	111.1		40	85			
TOTAL	*126.7*	*63.0*		*95*	*154*	*793*	*405*	*198*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	60.0	29.8	107	152	197			
WHEMLOCK	223.6	111.1		16	34			
TOTAL	*63.9*	*31.7*	*115*	*168*	*221*	*202*	*103*	*50*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	63.1	31.3	19,314	28,128	36,943			
WHEMLOCK	223.6	111.1		1,515	3,199			
TOTAL	*62.6*	*31.1*	*20,418*	*29,644*	*38,870*	*194*	*99*	*48*

CL: 68.1 %	COEFF		**NET CUFT FT/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	61.2	30.4	4,629	6,650	8,672			
WHEMLOCK	223.6	111.1		330	697			
TOTAL	*61.4*	*30.5*	*4,852*	*6,980*	*9,108*	*186*	*95*	*46*

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	63.1	31.3	127	185	243			
WHEMLOCK	223.6	111.1		95	200			
TOTAL	*62.6*	*31.1*	*122*	*176*	*231*	*194*	*99*	*48*

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TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U6	1.20	3	10	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	3	10	3.3		
CRUISE	3	10	3.3	70	14.2
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	10	58.6	20.4	82	29.5	133.3	23,720	23,106	5,328	5,330
TOTAL	*10*	*58.6*	*20.4*	*82*	*29.5*	*133.3*	*23,720*	*23,106*	*5,328*	*5,330*

CONFIDENCE LIMITS OF THE SAMPLE

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

CL: 68.1 %	COEFF		**SAMPLE TREES - BF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	52.5	17.5	463	561	659			
TOTAL	*52.5*	*17.5*	*463*	*561*	*659*	*122*	*62*	*30*

CL: 68.1 %	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	47.5	15.8	106	[illegible]	145			
TOTAL	*47.5*	*15.8*	*106*	*126*	*145*	*100*	*51*	*25*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	65.9	[illegible]	[illegible]	[illegible]	85			
TOTAL	*65.9*	[illegible]			*85*	*250*	*127*	*62*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	34.6	24.0	[illegible]	133	165			
TOTAL	*34.6*	*24.0*	[illegible]	*133*	*165*	*69*	*35*	*17*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	37.3	25.8	17,142	23,106	29,070			
TOTAL	*37.3*	*25.8*	*17,142*	*23,106*	*29,070*	*80*	*41*	*20*

CL: 68.1 %	COEFF		**NET CUFT FT/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	37.5	25.9	3,948	5,330	6,712			
TOTAL	*37.5*	*25.9*	*3,948*	*5,330*	*6,712*	*81*	*41*	*20*

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	37.3	25.8	129	173	218			
TOTAL	*37.3*	*25.8*	*129*	*173*	*218*	*80*	*41*	*20*

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TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U7	0.70	3	11	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	3	11	3.7		
CRUISE	2	8	4.0	37	21.7
DBH COUNT					
REFOREST					
COUNT	1	3	3.0		
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
R ALDER	6	35.8	20.2	66	17.8	80.0	9,119	8,522	2,657	2,655
DOUG FIR	2	16.8	26.9	90	12.8	66.7	12,422	12,422	2,818	2,818
TOTAL	*8*	*52.6*	*22.6*	*73*	*30.8*	*146.7*	*21,541*	*20,944*	*5,474*	*5,473*

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	7	10
R ALDER	25.9	11.5	218	247	275			
DOUG FIR	75.3	70.5	271	920	[illegible]			
TOTAL	*99.0*	*37.3*	*260*	*4[illegible]*		*445*	*227*	*111*

CL: 68.1 %	COEFF		**SAMPLE TREES -**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
R ALDER	26.9	12.0		77	[illegible]			
DOUG FIR	62.1	58.2	84	200	316			
TOTAL	*70.3*	*26.5*	*79*	*108*	*136*	*225*	*115*	*56*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
R ALDER	94.0	[illegible]	13	36	59			
DOUG FIR	91.7	63.4	[illegible]	17	28			
TOTAL	*37.1*	*25.7*		*53*	*66*	*79*	*40*	*20*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
R ALDER	100.0	69.2	25	80	135			
DOUG FIR	91.7	63.4	24	67	109			
TOTAL	*15.7*	*10.9*	*131*	*147*	*163*	*14*	*7*	*4*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
R ALDER	97.6	67.6	2,765	8,522	14,278			
DOUG FIR	91.7	63.4	4,545	12,422	20,299			
TOTAL	*18.2*	*12.6*	*18,306*	*20,944*	*23,581*	*19*	*10*	*5*

CL: 68.1 %	COEFF		**NET CUFT FT/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
R ALDER	98.5	68.1	846	2,655	4,465			
DOUG FIR	91.7	63.4	1,031	2,818	4,604			
TOTAL	*10.3*	*7.1*	*5,083*	*5,473*	*5,863*	*6*	*3*	*2*

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
R ALDER	97.6	67.6	35	107	178			
DOUG FIR			68	186	304			
TOTAL	*148.2*	*102.5*	*125*	*143*	*161*	*1,261*	*643*	*315*

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TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U8	1.60	3	14	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	3	14	4.7		
CRUISE	3	14	4.7	151	9.3
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	10	51.9	21.7	81	28.6	133.3	21,962	21,530	5,249	5,197
WHEMLOCK	3	39.3	13.7	56	10.8	40.0	4,135	4,135	1,182	1,182
NOBLE F	1	2.9	29.0	88	2.5	13.3	2,267	1,918	516	516
TOTAL	*14*	*94.1*	*19.1*	*71*	*42.7*	*186.6*	*28,364*	*27,583*	*6,946*	*6,895*

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**			TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	54.9	18.3	455	557	[illegible]			
WHEMLOCK	81.9	56.7	117	[illegible]	[illegible]			
NOBLE F								
TOTAL	*59.3*	*16.4*	*420*	*503*	*585*	*151*	*77*	*38*

CL: 68.1 %	COEFF		**SAMPLE TREES**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	47.4	15.[illegible]	[illegible]10	130	151			
WHEMLOCK	78.7	[illegible]	[illegible]	[illegible]	112			
NOBLE F								
TOTAL	*52.1*	[illegible]	*104*	*121*	*139*	*117*	*60*	*29*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	27.3	18.9	42	52	62			
WHEMLOCK	138.2	95.6	2	39	77			
NOBLE F	173.2	119.8		3	6			
TOTAL	*49.4*	*34.2*	*62*	*94*	*126*	*140*	*72*	*35*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	45.8	31.7	91	133	176			
WHEMLOCK	100.0	69.2	12	40	68			
NOBLE F	173.2	119.8		13	29			
TOTAL	*53.9*	*37.3*	*117*	*187*	*256*	*167*	*85*	*42*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	60.9	42.1	12,463	21,530	30,596			
WHEMLOCK	87.1	60.3	1,643	4,135	6,627			
NOBLE F	173.2	119.8		1,918	4,217			
TOTAL	*68.0*	*47.1*	*14,601*	*27,583*	*40,565*	*266*	*136*	*66*

CL: 68.1 %	COEFF		**NET CUFT FT/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	52.6	36.4	3,306	5,197	7,088			
WHEMLOCK	88.9	61.5	455	1,182	1,909			
NOBLE F	173.2	119.8		516	1,135			
TOTAL	*61.7*	*42.7*	*3,951*	*6,895*	*9,840*	*219*	*112*	*55*

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TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	**06E**	**31**	**STEBBINS**	**00U8**	1.60	3	14	S	W

CL:	68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.	S.E.%	LOW	AVG	HIGH	5	7	10

CL:	68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR		60.9	42.1	93	161	229			
WHEMLOCK		87.1	60.3	41	103	166			
NOBLE F		173.2	119.8		144	316			
TOTAL		*68.0*	*47.1*	*78*	*148*	*217*	*266*	*136*	*66*

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PROJECT STEBBINS

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TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
03N	06E	31	STEBBINS	00U9	0.50	2	15	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	2	15	7.5		
CRUISE	2	15	7.5	51	29.3
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	14	96.9	23.0	100	58.4	280.0	56,325	54,315	12,483	12,483
WHEMLOCK	1	5.4	26.0	88	3.9	20.0	3,363	3,200	801	801
TOTAL	*15*	*102.3*	*23.2*	*99*	*62.3*	*300.0*	*59,688*	*57,515*	*13,284*	*13,284*

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	7	10
DOUG FIR	38.5	10.7	592	662	733			
WHEMLOCK								
TOTAL	*37.5*	*10.0*	*592*	*6[illegible]*	*[illegible]*	*60*	*31*	*15*

CL: 68.1 %	COEFF		**SAMPLE TREES -**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	36.3	10.1	1[illegible]	151	1[illegible]			
WHEMLOCK								
TOTAL	*35.1*	*9.[illegible]*	*137*	*151*	*165*	*53*	*27*	*13*

CL: 68.1 %	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	37.7	[illegible]	63	97	131			
WHEMLOCK	141.4	132.4		5	13			
TOTAL	*43.2*	*40.4*	[illegible]	*102*	*144*	*131*	*67*	*33*

CL: 68.1 %	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	20.2	18.9	227	280	333			
WHEMLOCK	141.4	132.4		20	46			
TOTAL	*28.3*	*26.5*	*221*	*300*	*379*	*56*	*29*	*14*

CL: 68.1 %	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	20.6	19.3	43,850	54,315	64,779			
WHEMLOCK	141.4	132.4		3,200	7,439			
TOTAL	*27.3*	*25.6*	*42,812*	*57,515*	*72,218*	*52*	*27*	*13*

CL: 68.1 %	COEFF		**NET CUFT FT/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	19.6	18.4	10,190	12,483	14,777			
WHEMLOCK	141.4	132.4		801	1,861			
TOTAL	*27.0*	*25.2*	*9,931*	*13,284*	*16,638*	*51*	*26*	*13*

CL: 68.1 %	COEFF		**V-BAR/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	7	10
DOUG FIR	20.6	19.3	157	194	231			
WHEMLOCK	141.4	132.4		160	372			
TOTAL	*27.3*	*25.6*	*143*	*192*	*241*	*52*	*27*	*13*

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TC PSPCTLTCM

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

T03N R06E S31 Ty00U1	64.0
T03N R06E S31 Ty00U2	48.0
T03N R06E S31 Ty00U	.5

Project STEBBINS
Acres 280.00

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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		17,836	42,241	48,593	95.54	40.34	1.21	17,050	17,040	7,492	7,296
DOUG FIR	L	4,665	11,059	9,168	68.87	29.05	0.91	3,217	3,213	1,358	1,334
WHEMLOCK		1,160	2,007	1,445	38.93	22.50	0.77	452	452	165	156
R ALDER		2,999	4,071	1,239	14.86	10.94	0.41	451	446	148	144
DOUG FIR	P	231	620	522	79.45	29.58	0.91	183	183	81	81
NOBLE F		18	49		188.57	68.78	1.96	34	34	16	15
R ALDER	L	98	169	100	36.90	21.38	0.76	36	36	9	8
Totals		27,006	60,216	61,067	79.25	35.54	1.10	21,423	21,403	9,267	9,035

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	23,909	55,975	59,728	87.51	[illegible]	[illegible]	20,936	20,922	9,111	8,883
H	3,097	4,241	1,339	15.55	11.[illegible]	0.42	487	482	156	153
Totals	27,006	60,216	61,067	79.25	35.54	1.10	[illegible]	21,403	9,267	9,035

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