



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Pike Fire Contingency
Sale TL-343-2021-W00879-01

District: Tillamook

Date: November 23, 2020

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$65,274.27	\$205.38	\$65,479.65
		Project Work:	\$0.00
		Advertised Value:	\$65,479.65



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Timber Description

Location:

Stand Stocking: 60%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	16	0	98
Western Hemlock / Fir	16	0	98
Alder (Red)	14	0	95

Volume by Grade	2S	3S & 4S 6"-11"	Camprun	Total
Douglas - Fir	113	71	0	184
Western Hemlock / Fir	1	10	0	11
Alder (Red)	0	0	2	2
Total	114	81	2	197

Comments: Pond Values Used: November 2020
Region: Astoria, Forest Grove, and Tillamook

Pulp (Conifer and Hardwood) Price = \$ 2.50/ Ton

BRAND AND PAINT ALLOWANCE = \$2.00/ MBF

FUEL COST ALLOWANCE = \$3.00/ Gallon

HAULING COST ALLOWANCE

Hauling cost equivalent to \$950 daily truck cost

(\$95.00/hr x 10 hr. = \$950)

Other Costs with Profit and Risk to be added:

Other Costs with No Profit and Risk Added:

Machine Cleaning: \$1,000/machine x 2 machines x 1 seasons = \$2,000

Logging Move-in Cost: \$1,000/machine x 2 machines = \$2,000

Skid Road Vacating (slashing, stump placement, water diversion): \$10/MBF x 197 MBF = \$1,970

Slash piling: \$10 acre x 12 acres = \$120

Debris Removal from road prism: \$10/ac. x 8 ac. = \$80

Vaughn Creek Road Prep/Pullback at Point G, Ditch Cleaning and Sluff Removal

Move-in: \$1,500

Loader: \$135 x 8 hours = \$1,080

Rock Truck: \$100 x 16 hours = \$1,600

Excavator: \$135 x 16 hours = \$2,160

TOTAL Other Costs no Profit and Risk added = \$12,510

ROAD MAINTENANCE:

Spot Rocking: 20cy/MMBF/mile x .197 MMBF x \$12/cy x 4.0 miles / 197 MBF = \$0.96/MBF

Final Maintenance Grading – Move in: \$900 + 16 hours x 115/hr / 197 MBF = \$13.91 MBF

Total Road Maintenance: \$14.87/MBF



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Logging Conditions

Combination#:	1	Douglas - Fir	75.00%
		Western Hemlock / Fir	75.00%
		Alder (Red)	75.00%
Logging System:	Shovel	Process:	Harvester Head Delimbing
yarding distance:	Long (1,500 ft)	downhill yarding:	No
tree size:	Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF		
loads / day:	8	bd. ft / load:	4200
cost / mbf:	\$159.05		
machines:	Forwarder		
	Harvester		

Combination#:	2	Douglas - Fir	20.00%
		Western Hemlock / Fir	20.00%
		Alder (Red)	20.00%
Logging System:	Shovel	Process:	Harvester Head Delimbing
yarding distance:	Medium (800 ft)	downhill yarding:	No
tree size:	Mature / Partial Cut (900 Bft/tree), 3-5 logs/MBF		
loads / day:	9	bd. ft / load:	4200
cost / mbf:	\$141.38		
machines:	Forwarder		
	Harvester		

Combination#:	3	Douglas - Fir	5.00%
		Western Hemlock / Fir	5.00%
		Alder (Red)	5.00%
Logging System:	Shovel	Process:	Harvester Head Delimbing
yarding distance:	Short (400 ft)	downhill yarding:	No
tree size:	Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF		
loads / day:	10	bd. ft / load:	4200
cost / mbf:	\$127.24		
machines:	Forwarder		
	Harvester		



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Logging Costs

Operating Seasons: 1.00	Profit Risk: 12%
Project Costs: \$0.00	Other Costs (P/R): \$0.00
Slash Disposal: \$0.00	Other Costs: \$12,510.00

Miles of Road

Road Maintenance: \$14.87

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	0.0	0.0	0.0

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	2.0	4.2
Western Hemlock / Fir	\$0.00	2.0	4.2
Alder (Red)	\$0.00	2.0	3.7



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Pike Fire Contingency Sale TL-343-2021-W00879-01

District: Tillamook

Date: November 23, 2020

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
\$153.93	\$15.17	\$22.28	\$115.36	\$0.00	\$36.81	\$0.00	\$2.00	\$63.50	\$409.05
Western Hemlock / Fir									
\$153.93	\$15.17	\$22.28	\$115.36	\$0.00	\$36.81	\$0.00	\$2.00	\$63.50	\$409.05
Alder (Red)									
\$153.93	\$15.61	\$22.28	\$134.80	\$0.00	\$39.19	\$0.00	\$2.00	\$63.50	\$431.31

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$753.81	\$344.76	\$0.00
Western Hemlock / Fir	\$0.00	\$576.18	\$167.13	\$0.00
Alder (Red)	\$0.00	\$534.00	\$102.69	\$0.00



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Date: November 23, 2020

Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00
Western Hemlock / Fir	0	\$0.00	\$0.00
Alder (Red)	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	184	\$344.76	\$63,435.84
Western Hemlock / Fir	11	\$167.13	\$1,838.43
Alder (Red)	2	\$102.69	\$205.38

Gross Timber Sale Value

Recovery: \$65,479.65

Prepared By: Harold Stevens

Phone: 503-815-7044



OREGON DEPARTMENT OF FORESTRY CRUISE REPORT *Pike Salvage*

1. Type of Sale

Salvage, Recovery

2. Legal Description

Section 30, T1N R9W, Sections 25, 36, T1N, R10W, W.M., Tillamook County, Oregon.

3. Sale Acreage

Sale acreage was determined by GPS and orthophotographs along with GIS.

	<u>ACRES</u>	
	<u>Gross</u>	<u>Net Harvest</u>
Ridgeline/Doty/Vaughn Salvage	16.98	12.40
Total Acres	16.98	12.40

Gross Acres

Area within the Timber Sale Boundary

Net acres

Used for calculating the advertised volume.

Gross acres, less green tree retention, roads, Non-required thinning areas, and riparian areas classified as Special Stewardship in LMCS inside the sale boundary.

4. Cruising Procedures

A. Cruise Method

The Timber Sale was cruised utilizing stump cruise and fixed-radius plots. Ridgeline and Doty timber tracts have felled trees where the diameter at cut minus two inches for DBH was recorded; then adjacent trees to felled timber of similar size classes were measured and graded to capture volume. Vaughn Saddle timber was cruised using 0.05 acre (26.3' radius) fixed radius plot due to size and density of timber.

B. Plot size

Point of observation was 4.0'. Form factor was measured at 16.0'.

Tract	Sampling Method
RIDGE (large wood)	Stump cruise, BA tree measurements
VAUGHN (small wood)	0.05 acre plot (26.3')

C. Grading System

All trees were graded according to Columbia River Log Scaling and Grading Rules. Log lengths favored 40' lengths.

5. Computation Procedure

Cruise data was entered into SuperAce for computation of basal area, advertised volume, volume summary, log stock table, and stand table for each species and type.

Net sale acreage was used for volume calculation.

Cruise Statistics (Board Foot Volumes)			
Tract	Number of Plots	SE (%)	CV (%)
RIDGE	--	14.2 ¹	94.4 ¹
VAUGHN	8	11.4 ²	30.3 ²

1. Douglas-fir SE and CV.

2. All species SE and CV

6. Hidden Defect and Breakage

One percent reduction was applied to all conifer species and a two percent reduction was applied to hardwood species.

7. Timber Description

The Timber Sale Area is precut timber from contingency line constructed on Pike Fire in September 2020.

The stand is comprised of multiple merchantable species, please see the table below:

Tract	Species	DBH	Merchantable Bole Height (feet)	Merchantable top (inches inside bark)
RIDGE	Douglas-fir	20.7	84	5
RIDGE	Western Hemlock	15.2	54	5
RIDGE	Red alder	13.5	37	6
RIDGE	Sitka Spruce	23.4	57	5
VAUGHN	Douglas-fir	10.4	34	5
VAUGHN	Western hemlock	16.0	42	5
VAUGHN	Sitka Spruce	15.4	35	5

Above data derived from Statistics (type) report using SuperAce 2008, developed by Atterbury consultants, Inc.

8. Cruiser /Dates

The timber sale was cruised by the Marketing Unit in September 2020.

9. Revenue Distribution

BOF – 53%, CSL – 47%

Tax Code: 51 – 5600 – 52.7%
52 – 5600 – 29.7%
52 – 902 – 17.6%

10. Attachments

Volume Summary

Stand Tables

Log Stock Tables

Species, Sort, Grade Tables

Logging Plan

11. Stand and Log Stock Tables Species Key

DF – Douglas-fir take

RA – Red alder take

WH – Western hemlock take

SS – Sitka Spruce take

Prepared by: Harold Stevens, Forester

Date: 11/10/2020

TC PSTATS					PROJECT STATISTICS					PAGE	1	
					PROJECT	PIKESALV					DATE	11/10/2020
TWP	RGE	SC	TRACT	TYPE		ACRES		PLOTS	TREES	CuFt	BdFt	
01N 01N	10 10W	25 36	RIDGE VAUGHN	0100 0200		12.39		8	55	S	W	
					TREES	ESTIMATED TOTAL		PERCENT SAMPLE				
			PLOTS	TREES	PER PLOT		TREES	TREES				
TOTAL			8	55	6.9							
CRUISE			8	55	6.9		776	7.1				
DBH COUNT							347					
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			432	69.6	15.9	56	24.1	96.4	15,237	15,031	3,319	3,319
WHEMLOCK			30	11.7	15.9	44	4.0	16.1	991	919	274	274
S SPRUCE			8	7.3	15.7	36	2.5	9.8	363	310	128	129
R ALDER			26	2.1	13.5	37	0.6	2.1	140	132	44	44
TOTAL			496	90.6	15.9	53	31.2	124.3	16,730	16,391	3,765	3,766
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		151.4	16.4	300		358		417				
WHEMLOCK		91.2	16.9	105		126		147				
S SPRUCE		189.7	71.5	45		159		272				
R ALDER		48.1	9.6	57		63		69				
TOTAL		175.1	14.3	214		249		285	1,224	306	136	
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		140.5	15.2	64		76		88				
WHEMLOCK		79.1	14.7	30		35		40				
S SPRUCE		145.0	54.7	22		49		75				
R ALDER		47.9	9.6	19		21		23				
TOTAL		151.8	12.4	50		57		64	920	230	102	
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		85.5	32.2	47		70		92				
WHEMLOCK		79.7	30.0	8		12		15				
S SPRUCE		91.2	34.4	5		7		10				
R ALDER		282.8	106.6			2		4				
TOTAL		47.9	18.1	74		91		107	104	26	12	
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		170.4	64.2	34		96		158				
WHEMLOCK		72.1	27.2	12		16		20				
S SPRUCE		78.9	29.7	7		10		13				
R ALDER		282.8	106.6			2		4				
TOTAL		122.0	46.0	67		124		181	677	169	75	
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		206.4	77.8	3,334		15,031		26,728				
WHEMLOCK		75.6	28.5	657		919		1,180				
S SPRUCE		82.4	31.1	213		310		406				
R ALDER		282.8	106.6			132		272				

TC PSTATS		PROJECT STATISTICS							PAGE	2
		PROJECT PIKESALV							DATE	11/10/2020
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
01N	10	25	RIDGE	0100	12.39	8	55	S	W	
01N	10W	36	VAUGHN	0200						
CL	68.1		COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH	5	10	15
TOTAL			<i>187.0</i>	<i>70.5</i>	<i>4,834</i>	<i>16,391</i>	<i>27,948</i>	<i>1,591</i>	<i>398</i>	<i>177</i>
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			211.6	79.8	671	3,319	5,967			
WHEMLOCK			71.2	26.8	200	274	347			
S SPRUCE			68.1	25.7	96	129	162			
R ALDER			282.8	106.6		44	92			
TOTAL			<i>182.9</i>	<i>69.0</i>	<i>1,169</i>	<i>3,766</i>	<i>6,363</i>	<i>1,521</i>	<i>380</i>	<i>169</i>

TC		PSTNDSUM		Stand Table Summary										Page Date:		1 11/10/2020		
T01N R10W S25 Ty01008.73 T01N R10W S36 Ty02003.66					Project Acres					PIKESALV 12.39			Time: Grown Year:				3:55:55PM	
S SpC	T	Tot			Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals					
		DBH	Sample Trees	FF 16'				Av Ht	Net Cu.Ft.				Net Bd.Ft.	Tons	Cunits	MBF		
DF		8	7	79	41	8.493	2.96	8.49	2.5	20.9	.60	21	177	7	3	2		
DF		9	18	80	55	10.246	4.53	10.25	4.3	26.8	1.26	44	275	16	5	3		
DF		10	17	81	76	5.319	2.90	6.21	7.3	37.6	1.30	46	233	16	6	3		
DF		11	21	81	86	7.407	4.89	9.25	8.9	41.6	2.34	82	385	29	10	5		
DF		12	24	80	70	7.649	6.01	7.73	10.0	38.3	2.20	77	296	27	10	4		
DF		13	16	83	94	1.291	1.19	2.58	12.3	40.0	.91	32	103	11	4	1		
DF		14	16	83	65	1.949	2.08	2.03	17.8	40.3	1.03	36	82	13	4	1		
DF		15	22	84	80	2.433	2.99	4.13	18.4	63.5	2.17	76	262	27	9	3		
DF		16	35	85	90	3.483	4.86	6.97	18.2	66.3	3.61	127	462	45	16	6		
DF		17	28	85	103	2.918	4.60	7.93	19.0	83.2	4.30	151	660	53	19	8		
DF		18	25	86	97	2.018	3.57	4.04	28.7	105.0	3.30	116	424	41	14	5		
DF		19	41	85	114	3.309	6.52	9.85	24.5	93.9	6.88	241	925	85	30	11		
DF		21	18	89	124	1.453	3.49	4.36	35.8	166.7	4.44	156	726	55	19	9		
DF		22	34	87	129	2.744	7.24	8.23	39.0	179.6	9.15	321	1,479	113	40	18		
DF		23	19	87	131	1.533	4.42	4.52	44.7	199.5	5.76	202	902	71	25	11		
DF		24	11	87	134	.888	2.79	2.66	45.1	196.7	3.42	120	524	42	15	6		
DF		25	11	87	138	.888	3.03	2.66	51.1	230.0	3.88	136	613	48	17	8		
DF		26	14	85	136	1.130	4.17	3.39	52.6	235.0	5.08	178	797	63	22	10		
DF		27	6	90	141	.484	1.93	1.45	68.8	350.0	2.85	100	508	35	12	6		
DF		28	9	86	126	.726	3.11	2.18	63.5	267.0	3.94	138	582	49	17	7		
DF		29	7	85	134	.565	2.59	1.69	70.0	313.3	3.38	119	531	42	15	7		
DF		30	9	87	144	.726	3.57	2.18	81.9	406.7	5.09	178	886	63	22	11		
DF		31	7	88	146	.565	2.96	1.69	87.7	440.0	4.24	149	746	52	18	9		
DF		33	3	88	119	.242	1.44	.73	85.6	433.3	1.77	62	315	22	8	4		
DF		34	3	88	147	.242	1.53	.73	98.1	490.0	2.03	71	356	25	9	4		
DF		36	2	88	137	.161	1.14	.48	112.2	593.3	1.55	54	287	19	7	4		
DF		37	2	88	144	.161	1.21	.48	127.2	673.3	1.76	62	326	22	8	4		
DF		38	4	88	148	.323	2.54	.97	130.4	690.0	3.60	126	668	45	16	8		
DF		40	3	88	140	.242	2.11	.73	132.2	690.0	2.74	96	501	34	12	6		
DF		Totals	432	83	84	69.590	96.35	118.60	28.0	126.7	94.58	3,319	15,031	1,172	411	186		
WH		10	3	84	75	.242	.13	.32	10.3	45.0	.11	3	15	1	0	0		
WH		11	2	83	71	.161	.11	.16	15.4	55.0	.08	2	9	1	0	0		
WH		12	3	83	61	.900	.71	.90	10.4	33.6	.30	9	30	4	1	0		
WH		13	2	83	84	.161	.15	.16	23.8	70.0	.12	4	11	2	0	0		
WH		14	4	83	62	2.746	2.94	3.57	10.9	46.3	1.24	39	165	15	5	2		
WH		15	4	83	55	2.088	2.56	2.17	15.2	45.6	1.05	33	99	13	4	1		
WH		16	1	83	74	.738	1.03	1.48	12.2	40.0	.57	18	59	7	2	1		
WH		17	3	83	59	2.665	4.20	2.75	21.2	59.4	1.86	58	163	23	7	2		
WH		18	1	85	97	.081	.14	.16	29.4	100.0	.15	5	16	2	1	0		
WH		19	4	86	81	.981	1.93	1.96	23.3	80.6	1.46	46	158	18	6	2		
WH		21	2	86	80	.819	1.97	1.72	27.6	88.9	1.52	47	153	19	6	2		
WH		22	1	85	110	.081	.21	.24	38.4	166.7	.30	9	40	4	1	0		
WH		Totals	30	84	65	11.665	16.08	15.59	17.6	58.9	8.77	274	919	109	34	11		
SS		13	1	80	64	1.846	1.70	1.85	12.3	40.0	.59	23	74	7	3	1		
SS		15	2	80	49	1.927	2.36	1.93	13.9	22.9	.68	27	44	8	3	1		
SS		16	2	78	45	2.585	3.61	2.58	14.2	22.9	.94	37	59	12	5	1		
SS		19	1	80	66	.738	1.45	.74	28.4	70.0	.54	21	52	7	3	1		
SS		20	1	83	88	.081	.18	.08	52.5	100.0	.11	4	8	1	1	0		
SS		32	1	85	114	.081	.45	.16	110.0	450.0	.46	18	73	6	2	1		
SS		Totals	8	79	54	7.258	9.76	7.34	17.6	42.2	3.33	129	310	41	16	4		
RA		10	4	86	67	.323	.18	.32	11.5	50.0	.10	4	16	1	0	0		

TC		PSTNDSUM										Stand Table Summary					Page		2	
																	Date:		11/10/2020	
		T01N R10W S25 Ty0100 T01N R10W S36 Ty0200				8.73 3.66		Project		PIKESALV				Time:		3:55:55PM				
								Acres		12.39				Grown Year:						
S Sp	T	Tot				Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Net		Net Bd.Ft.	T o t a l s						
		Sample DBH	FF 16'	Av Ht	Net Cu.Ft.				Net Bd.Ft.	Tons Acre	Cu.Ft. Acre	Tons		Cunits	MBF					
RA		11	6	84	72	.484	.32	.48	15.2	51.7	.20	7	25	3	1	0				
RA		12	3	86	60	.242	.19	.24	14.0	50.0	.09	3	12	1	0	0				
RA		13	3	83	69	.242	.22	.24	20.1	56.7	.13	5	14	2	1	0				
RA		14	2	84	66	.161	.17	.16	24.8	65.0	.11	4	10	1	0	0				
RA		15	2	83	67	.161	.20	.16	22.0	55.0	.10	4	9	1	0	0				
RA		16	1	90	52	.081	.11	.08	29.9	70.0	.07	2	6	1	0	0				
RA		17	2	84	76	.161	.25	.16	34.7	75.0	.15	6	12	2	1	0				
RA		18	3	83	75	.242	.43	.32	29.6	85.0	.26	10	27	3	1	0				
RA		Totals		26	84	69	2.098	2.07	2.18	20.4	60.4	1.22	44	132	15	6	2			
Totals				496	83	79	90.611	124.27	143.70	26.2	114.1	107.90	3,766	16,391	1,337	467	203			

T	Species, Sort Grade - Board Foot Volumes (Type)										Page 1								
	Project: PIKESALV										Date	11/10/2020							
											Time	6:55:40AM							
T01N R10W S25 T0100										T01N R10W S25 T0100									
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt										
01N	10W	25	RIDGE	0100	8.73	1	441	S	W										
S So Gr T rt ad Spp			% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent Net Board Foot Volume								Average Log		Logs Per /Acre	
			Log Scale Dia.					Log Length				Ln	Dia	Bd	CF/ Lf				
								4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft	
DF	CO	2	67	1.1	13,239	13,089	114			44	56			5	95	40	17	472	2.38
DF	CO	3	27	2.0	5,289	5,183	45		83	17		1	1	11	87	37	9	125	0.88
DF	CO	4	6	1.4	1,100	1,085	9	72	28			42	26	13	19	24	5	27	0.38
DF	Totals		97	1.4	19,628	19,357	169	4	24	34	38	2	2	7	89	33	10	177	1.20
WH	CO	2	34	1.8	125	123	1		100					100		40	14	267	1.62
WH	CO	3	36	.9	129	128	1		82	18				19	81	37	10	124	0.94
WH	CO	4	30		104	104	1	100				12	26	23	38	28	7	45	0.49
WH	Totals		2	1.0	359	355	3	59	41			4	8	14	75	32	8	94	0.80
RA	H	3	15		30	30	0	100					38	62		30	11	130	1.21
RA	H	4	85	6.8	168	157	1	100				4	12	21	62	33	7	55	0.58
RA	Totals		1	5.8	198	187	2	100				4	17	18	62	33	7	60	0.62
SS	CO	3	100	1.8	127	125	1	30		70				100		39	12	272	1.97
SS	Totals		1	1.8	127	125	1	30		70				100		39	12	272	1.97
Type Totals				1.4	20,312	20,024	175	4	25	34	37	3	2	7	88	33	10	171	1.18

TC TSTATS				STATISTICS				PAGE	1		
				PROJECT	PIKESALV			DATE	11/10/2020		
TWP	RGE	SECT	TRACT	TYPE	ACRES		PLOTS	TREES	CuFt	BdFt	
01N	10W	25	RIDGE	0100	8.73				S	W	
				TREES	ESTIMATED		PERCENT				
				PER PLOT	TOTAL		SAMPLE				
				PLOTS	TREES	TREES		TREES			
TOTAL											
CRUISE					94						
DBH COUNT					347						
REFOREST											
COUNT											
BLANKS											
100 %											
STAND SUMMARY											
		SAMPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
		TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
DOUG FIR		391	44.8	20.7	84	23.0	104.7	19,628	19,357	4,327	4,327
WHEMLOCK		21	2.4	15.2	54	0.8	3.0	359	355	96	96
R ALDER		26	3.0	13.5	37	0.8	2.9	198	187	63	63
S SPRUCE		3	.3	23.4	57	0.2	1.0	127	125	35	35
TOTAL		441	50.5	20.1	80	24.9	111.7	20,312	20,024	4,522	4,522
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		94.4	14.2	564	658	751					
WHEMLOCK		87.7	19.6	119	148	177					
R ALDER		48.1	9.6	57	63	69					
S SPRUCE		127.9	88.5	42	363	685					
TOTAL		138.8	14.3	317	370	423		769	192	85	
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		83.4	12.6	122	140	157					
WHEMLOCK		76.0	17.0	33	40	47					
R ALDER		47.9	9.6	19	21	23					
S SPRUCE		99.7	69.0	32	102	173					
TOTAL		118.3	12.2	73	83	94		559	140	62	

TC		TSTNDSUM													Stand Table Summary												
															Project PIKESALV												
T01N R10W S25 T0100															T01N R10W S25 T0100												
Twp	Rge	Sec	Tract				Type	Acres		Plots	Sample Trees			Page: 1													
01N	10W	25	RIDGE				0100	8.73		1	441			Date: 11/10/2020													
															Time: 6:55:41AM												
S Spc	T	Sample		FF	Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Tons/ Acre	Net	Net	Totals													
		DBH	Trees	16'	Tot				Cu.Ft.	Bd.Ft.		Cu.Ft.	Bd.Ft.	Tons	Cunits	MBF											
DF		9	8	79	53	.916	.40	.92	3.9	20.0	.10	4	18	1	0	0											
DF		10	11	83	87	1.260	.69	2.52	8.0	40.0	.58	20	101	5	2	1											
DF		11	14	83	72	1.604	1.06	1.60	15.9	40.0	.73	26	64	6	2	1											
DF		12	17	80	82	1.947	1.53	2.06	16.0	41.1	.94	33	85	8	3	1											
DF		13	16	83	94	1.833	1.69	3.67	12.3	40.0	1.29	45	147	11	4	1											
DF		14	15	83	71	1.718	1.84	1.83	21.2	46.3	1.11	39	85	10	3	1											
DF		15	21	84	87	2.405	2.95	4.81	18.7	64.3	2.57	90	309	22	8	3											
DF		16	34	86	94	3.895	5.44	7.79	19.7	70.7	4.38	154	551	38	13	5											
DF		17	27	87	113	3.093	4.87	9.16	20.6	90.7	5.38	189	832	47	16	7											
DF		18	25	86	97	2.864	5.06	5.73	28.7	105.0	4.69	165	601	41	14	5											
DF		19	41	85	114	4.696	9.25	13.97	24.5	93.9	9.77	343	1,313	85	30	11											
DF		21	18	89	124	2.062	4.96	6.19	35.8	166.7	6.31	221	1,031	55	19	9											
DF		22	34	87	129	3.895	10.28	11.68	39.0	179.6	12.99	456	2,099	113	40	18											
DF		23	19	87	131	2.176	6.28	6.41	44.7	199.5	8.18	287	1,279	71	25	11											
DF		24	11	87	134	1.260	3.96	3.78	45.1	196.7	4.86	171	743	42	15	6											
DF		25	11	87	138	1.260	4.30	3.78	51.1	230.0	5.51	193	869	48	17	8											
DF		26	14	85	136	1.604	5.91	4.81	52.6	235.0	7.21	253	1,131	63	22	10											
DF		27	6	90	141	.687	2.73	2.06	68.8	350.0	4.04	142	722	35	12	6											
DF		28	9	86	126	1.031	4.41	3.09	63.5	267.0	5.59	196	826	49	17	7											
DF		29	7	85	134	.802	3.68	2.41	70.0	313.3	4.80	169	754	42	15	7											
DF		30	9	87	144	1.031	5.06	3.09	81.9	406.7	7.22	253	1,258	63	22	11											
DF		31	7	88	146	.802	4.20	2.41	87.7	440.0	6.01	211	1,058	52	18	9											
DF		33	3	88	119	.344	2.04	1.03	85.6	433.3	2.51	88	447	22	8	4											
DF		34	3	88	147	.344	2.17	1.03	98.1	490.0	2.88	101	505	25	9	4											
DF		36	2	88	137	.229	1.62	.69	112.2	593.3	2.20	77	408	19	7	4											
DF		37	2	88	144	.229	1.71	.69	127.2	673.3	2.49	87	463	22	8	4											
DF		38	4	88	148	.458	3.61	1.37	130.4	690.0	5.11	179	948	45	16	8											
DF		40	3	88	140	.344	3.00	1.03	132.2	690.0	3.88	136	711	34	12	6											
DF		Totals		391	86	110	44.788	104.69	109.62	39.5	176.6	123.32	4,327	19,357	1,077	378	169										
WH		10	3	84	75	.344	.19	.46	10.3	45.0	.15	5	21	1	0	0											
WH		11	2	83	71	.229	.15	.23	15.4	55.0	.11	4	13	1	0	0											
WH		12	2	83	73	.229	.18	.23	15.8	50.0	.12	4	11	1	0	0											
WH		13	2	83	84	.229	.21	.23	23.8	70.0	.17	5	16	2	0	0											
WH		14	2	83	65	.229	.24	.34	16.8	56.7	.19	6	19	2	1	0											
WH		15	3	83	86	.344	.42	.46	24.7	77.5	.36	11	36	3	1	0											
WH		17	1	83	86	.115	.18	.23	26.1	95.0	.19	6	22	2	1	0											
WH		18	1	85	97	.115	.20	.23	29.4	100.0	.22	7	23	2	1	0											
WH		19	3	86	97	.344	.68	.69	35.6	128.3	.78	24	88	7	2	1											
WH		21	1	85	112	.115	.28	.34	33.8	143.3	.37	12	49	3	1	0											
WH		22	1	85	110	.115	.30	.34	38.4	166.7	.42	13	57	4	1	0											
WH		Totals		21	84	84	2.405	3.03	3.78	25.5	93.9	3.08	96	355	27	8	3										
RA		10	4	86	67	.458	.25	.46	11.5	50.0	.14	5	23	1	0	0											
RA		11	6	84	72	.687	.45	.69	15.2	51.7	.29	10	36	3	1	0											
RA		12	3	86	60	.344	.27	.34	14.0	50.0	.13	5	17	1	0	0											
RA		13	3	83	69	.344	.32	.34	20.1	56.7	.19	7	19	2	1	0											
RA		14	2	84	66	.229	.24	.23	24.8	65.0	.16	6	15	1	0	0											
RA		15	2	83	67	.229	.28	.23	22.0	55.0	.14	5	13	1	0	0											
RA		16	1	90	52	.115	.16	.11	29.9	70.0	.09	3	8	1	0	0											
RA		17	2	84	76	.229	.36	.23	34.7	75.0	.22	8	17	2	1	0											
RA		18	3	83	75	.344	.61	.46	29.6	85.0	.37	14	39	3	1	0											

TC		TSTNDSUM												Stand Table Summary											
												Project		PIKESALV											
T01N R10W S25 T0100												T01N R10W S25 T0100													
Twp		Rge		Sec		Tract		Type		Acres		Plots		Sample Trees		Page: 2									
01N		10W		25		RIDGE		0100		8.73		1		441		Date: 11/10/2020									
														Time: 6:55:41AM											
S		Sample		FF		Ht		Trees/		BA/		Logs		Average Log		Net		Net		Totals					
Spc		DBH		Trees		16'		Tot		Acre		Acre		Acre		Net		Cu.Ft.		Bd.Ft.					
																Tons/		Cu.Ft.		Bd.Ft.					
																Acre		Acre		Acre					
RA		Totals		26		84		69		2.978		2.94		3.09		20.4		60.4		1.74					
SS		15		1		79		59		.115		.14		.11		34.9		90.0		.10					
SS		20		1		83		88		.115		.25		.11		52.5		100.0		.16					
SS		32		1		85		114		.115		.64		.23		110.0		450.0		.66					
SS		Totals		3		82		87		.344		1.03		.46		76.8		272.5		0.92					
Totals		441		85		106		50.515		111.70		116.95		38.7		171.2		129.05		4522					
														20,024											
														1,127											
														395											
														175											

TC TLOGSTVB				Log Stock Table - MBF																	
				Project: PIKESALV																	
T01N R10W S25 T0100								T01N R10W S25 T0100													
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	Page	1												
01N	10W	25	RIDGE	0100	8.73	1	441	Date	11/10/2020												
										Time	6:55:39AM										
Spp	S	So	Gr	Log	Gross	% Def	Net	% Spc	Net Volume by Scaling Diameter in Inches												
									2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+	
DF	CO	2	32		6		6	3.3								6					
DF	CO	2	36		1		1	.6							1						
DF	CO	2	40		109	1.2	108	63.7						9	21	32	28	17			
DF	CO	3	20		0		0	.1					0								
DF	CO	3	24		0		0	.2				0	0								
DF	CO	3	27		0		0	.1				0	0								
DF	CO	3	30		0		0	.0				0									
DF	CO	3	32		5		5	3.0				5	0								
DF	CO	3	36		4	.6	4	2.1			2	1	0								
DF	CO	3	40		37	2.4	36	21.2			0	8	19	8							
DF	CO	4	16		2		2	1.4		2	0	0									
DF	CO	4	20		2		2	.9		1	0	0									
DF	CO	4	24		2		2	1.2		1	1	0									
DF	CO	4	26		1	25.0	0	.2			0										
DF	CO	4	32		1		1	.7		1											
DF	CO	4	36		1		1	.4		1											
DF	CO	4	40		1		1	.7		1											
DF	Totals				171	1.4	169	96.7		7	4	15	21	17	22	38	28	17			
WH	CO	2	40		1	1.8	1	34.5					0		1						
WH	CO	3	32		0		0	6.8				0	0								
WH	CO	3	36		0		0	9.7			0	0	0								
WH	CO	3	40		1	1.6	1	19.7				0	0	0							
WH	CO	4	16		0		0	3.5			0										
WH	CO	4	23		0		0	1.0			0										
WH	CO	4	24		0		0	4.8			0										
WH	CO	4	30		0		0	1.9				0									
WH	CO	4	32		0		0	5.2			0										
WH	CO	4	34		0		0	1.6			0										
WH	CO	4	36		0		0	1.9			0										
WH	CO	4	40		0		0	9.4			0	0									
WH	Totals				3		3	1.8			1	0	1	1	1						
RA	H	3	24		0		0	6.1					0								
RA	H	3	36		0		0	9.8					0								
RA	H	4	16		0		0	1.8			0										
RA	H	4	20		0		0	1.8			0										
RA	H	4	24		0	7.1	0	8.0			0	0									
RA	H	4	30		0		0	2.5			0										
RA	H	4	32		0	6.5	0	17.8			0	0									
RA	H	4	36		1	12.0	0	27.0			0	0									
RA	H	4	40		0	2.4	0	25.2			0	0									
RA	Totals				2	5.8	2	.9			1	0	0								
SS	CO	3	36		0		0	12.8					0								
SS	CO	3	40		1	2.1	1	87.2				0					1				
SS	Totals				1	1.8	1	.6				0	0				1				
Total All Species					177	1.4	175	100.0		7	6	16	22	17	23	38	29	17			

T	Species, Sort Grade - Board Foot Volumes (Type)										Page		1						
Project: PIKESALV										Date		11/10/2020							
										Time		6:46:47AM							
T01N R10W S36 T0200										T01N R10W S36 T0200									
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt										
01N	10W	36	VAUGHN	0200	3.66	8	55	S	W										
S So Gr T rt ad Spp		Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log				Logs Per /Acre
							Log Scale Dia.				Log Length				Ln Dia Bd CF/ Ft In Ft Lf				
			Def%	Gross	Net		4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99					
DF	CO	3	26	1,225	1,225	4	100			100	38	7	65	0.37	18.8				
DF	CO	4	74	1.4	3,538	3,488	13	100		19	27	27	27	27	121.3				
DF	Totals		61	1.0	4,763	4,713	17	74	26		14	20	20	46	140.0				
WH	CO	3	67	12.2	1,738	1,525	6	5	95		8		5	87	21.3				
WH	CO	4	33	3.3	763	738	3	51	49		17	49	34		22.5				
WH	Totals		29	9.5	2,500	2,263	8	20	80		11	16	14	59	43.8				
SS	CO	4	100	18.9	925	750	3	60	40			17	27	57	23.8				
SS	Totals		10	18.9	925	750	3	60	40			17	27	57	23.8				
Type Totals				5.6	8,188	7,725	28	57	43		12	18	19	51	207.5				

TC TSTATS				STATISTICS				PAGE	1				
				PROJECT	PIKESALV			DATE	11/10/2020				
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt				
01N	10W	36	VAUGHN	0200	3.66	8	55	S	W				
				TREES	ESTIMATED TOTAL	PERCENT SAMPLE							
				PLOTS	TREES	PER PLOT	TREES	TREES					
TOTAL				8	55	6.9							
CRUISE				8	55	6.9	682	8.1					
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				41	128.8	10.4	33	23.7	76.5	4,763	4,713	913	913
WHEMLOCK				9	33.8	16.0	42	11.8	47.2	2,500	2,263	697	697
S SPRUCE				5	23.8	15.4	35	7.8	30.6	925	750	350	353
TOTAL				55	186.3	12.3	35	43.9	154.2	8,188	7,725	1,961	1,964
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			51.8	8.1	35	38	41						
WHEMLOCK			57.4	20.2	60	76	91						
S SPRUCE			57.6	28.6	26	36	46						
TOTAL			64.6	8.7	40	44	47	166	42	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			68.0	10.6	7	8	8						
WHEMLOCK			63.2	22.3	18	23	28						
S SPRUCE			40.7	20.2	13	16	20						
TOTAL			86.9	11.7	10	11	12	302	75	34			
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			30.6	11.5	114	129	144						
WHEMLOCK			101.3	38.2	21	34	47						
S SPRUCE			97.9	36.9	15	24	33						
TOTAL			19.2	7.3	173	186	200	17	4	2			
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			35.3	13.3	66	76	87						
WHEMLOCK			92.4	34.8	31	47	64						
S SPRUCE			92.7	34.9	20	31	41						
TOTAL			24.7	9.3	140	154	169	28	7	3			
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			41.3	15.6	3,979	4,713	5,446						
WHEMLOCK			90.2	34.0	1,493	2,263	3,032						
S SPRUCE			98.5	37.1	471	750	1,029						
TOTAL			30.3	11.4	6,843	7,725	8,607	42	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		10	15			
DOUG FIR			42.1	15.9	768	913	1,058						
WHEMLOCK			88.3	33.3	465	697	930						
S SPRUCE			89.5	33.7	234	353	472						

TC TSTATS				STATISTICS				PAGE	2
				PROJECT	PIKESALV			DATE	11/10/2020
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
01N	10W	36	VAUGHN	0200	3.66	8	55	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
TOTAL		30.8	11.6	1,736	1,964	2,192	43	11	5

TC		TSTNDSUM														Stand Table Summary									
										Project					PIKESALV										
T01N R10W S36 T0200															T01N R10W S36 T0200										
Twp		Rge		Sec		Tract		Type			Acres		Plots		Sample Trees		Page: 1								
01N		10W		36		VAUGHN		0200			3.66		8		55		Date: 11/10/2020								
																	Time: 6:46:46AM								
S Spc	T	Sample		FF	Ht	Trees/ Acre	BA/	Logs Acre	Average Log		Tons/ Acre	Net	Net	Tons	Net	Net	T o t a l s								
		DBH	Trees	16'	Tot		Acre		Acre	Cu.Ft.		Bd.Ft.	Cu.Ft.		Bd.Ft.	Cu.Ft.	Bd.Ft.	Tons	Cunits	MBF					
DF		8	7	79	41	28.750	10.04	28.75	2.5	20.9	2.04	72	600	7	3		2								
DF		9	10	80	55	32.500	14.36	32.50	4.4	27.3	4.03	141	888	15	5		3								
DF		10	6	81	73	15.000	8.18	15.00	7.1	36.7	3.02	106	550	11	4		2								
DF		11	7	81	88	21.250	14.02	27.50	7.9	41.8	6.18	217	1,150	23	8		4								
DF		12	7	80	68	21.250	16.69	21.25	8.6	37.6	5.18	182	800	19	7		3								
DF		14	1	83	55	2.500	2.67	2.50	11.9	30.0	.85	30	75	3	1		0								
DF		15	1	83	64	2.500	3.07	2.50	17.1	60.0	1.22	43	150	4	2		1								
DF		16	1	83	78	2.500	3.49	5.00	12.4	50.0	1.77	62	250	6	2		1								
DF		17	1	80	76	2.500	3.94	5.00	12.2	50.0	1.73	61	250	6	2		1								
DF		Totals		41	80	63	128.750	76.46	140.00	6.5	33.7	26.02	913	4,713	95	33		17							
WH		12	1	83	59	2.500	1.96	2.50	9.3	30.0	.74	23	75	3	1		0								
WH		14	2	83	61	8.750	9.35	11.25	10.4	45.6	3.75	117	513	14	4		2								
WH		15	1	83	51	6.250	7.67	6.25	13.5	40.0	2.71	85	250	10	3		1								
WH		16	1	83	74	2.500	3.49	5.00	12.2	40.0	1.94	61	200	7	2		1								
WH		17	2	83	58	8.750	13.79	8.75	20.9	57.1	5.85	183	500	21	7		2								
WH		19	1	86	76	2.500	4.92	5.00	19.2	65.0	3.08	96	325	11	4		1								
WH		21	1	86	77	2.500	6.01	5.00	26.5	80.0	4.25	133	400	16	5		1								
WH		Totals		9	83	62	33.750	47.21	43.75	15.9	51.7	22.32	697	2,263	82	26		8							
SS		13	1	80	64	6.250	5.76	6.25	12.3	40.0	1.99	77	250	7	3		1								
SS		15	1	80	49	6.250	7.67	6.25	13.0	20.0	2.07	81	125	8	3		0								
SS		16	2	78	45	8.750	12.22	8.75	14.2	22.9	3.19	124	200	12	5		1								
SS		19	1	80	66	2.500	4.92	2.50	28.4	70.0	1.84	71	175	7	3		1								
SS		Totals		5	79	53	23.750	30.57	23.75	14.9	31.6	9.10	353	750	33	13		3							
Totals		55		81	61	186.250	154.24	207.50	9.5	37.2	57.44	1964	7,725	210	72		28								

TC		TLOGSTVB		Log Stock Table - MBF																				
				Project: PIKESALV																				
T01N R10W S36 T0200												T01N R10W S36 T0200												
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	Page	1															
01N	10W	36	VAUGHN	0200	3.66	8	55	Date	11/10/2020															
										Time	6:46:48AM													
Spp	T	S	So	Gr	Log	Len	Gross MBF	% Def	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches													
											2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+		
DF		CO	3		36		3			3	16.4			1	1									
DF		CO	3		40		2			2	9.5			2										
DF		CO	4		12		0			0	1.3		0											
DF		CO	4		16		2			2	9.5		2											
DF		CO	4		18		0			0	2.1		0											
DF		CO	4		20		0			0	1.1		0											
DF		CO	4		22		1			1	3.7		1											
DF		CO	4		24		1			1	4.0		1											
DF		CO	4		25		0			0	1.6		0											
DF		CO	4		26		1			1	4.8		1											
DF		CO	4		28		1			1	4.0		1											
DF		CO	4		30		0			0	1.6		0											
DF		CO	4		31		0			0	1.6		0											
DF		CO	4		32		1			1	4.8		1											
DF		CO	4		34		2	4.2		2	12.2		2											
DF		CO	4		35		0	25.0		0	1.6		0											
DF		CO	4		36		1			1	6.4		1											
DF		CO	4		40		2			2	13.8		2											
DF		Totals					17	1.0		17	61.0		13	3	1									
WH		CO	3		20		0			0	5.5			0										
WH		CO	3		32		0			0	3.3		0											
WH		CO	3		36		1	7.1		1	14.4		1	1										
WH		CO	3		40		4	15.8		4	44.2		1	1	1									
WH		CO	4		16		1	16.7		0	5.5		0	0										
WH		CO	4		21		0			0	2.2		0											
WH		CO	4		26		1			1	13.8			1										
WH		CO	4		34		1			1	11.0		1											
WH		Totals					9	9.5		8	29.3		2	2	3	1								
SS		CO	4		28		1	33.3		0	16.7			0										
SS		CO	4		32		1	23.8		1	26.7		1											
SS		CO	4		36		1			1	33.3		1											
SS		CO	4		40		1	22.2		1	23.3			1										
SS		Totals					3	18.9		3	9.7		2	0	1									
Total All Species							30	5.6		28	100.0		16	6	5	1								



"STEWARDSHIP IN FORESTRY"

Pike Salvage

Volume Summary

Unit 1 - Ridgeline/Doty Contingency				
8.73 acres				
SPECIES	Cruised Net	Cruised Net	Hidden	Net Sale
	MBF/ Acre	MBF	D&B	MBF
Douglas-fir	19.36	169	1%	167
Hemlock	0.36	3	1%	3
Spruce	0.13	1	1%	
Noble Fir		0	0%	0
Alder	0.19	2	2%	2
TOTAL	20.0	174.9		172.1

Vaughn Saddle Contingency				
3.66 acres				
SPECIES	Cruised Net	Cruised Net	Hidden	Net Sale
	MBF/ Acre	MBF	D&B	MBF
Douglas-fir	4.71	17	1%	17
Hemlock	2.26	8	1%	8
Spruce	0.75	3	1%	
Noble Fir		0	1%	0
Alder		0	2%	0
TOTAL	7.7	28		25

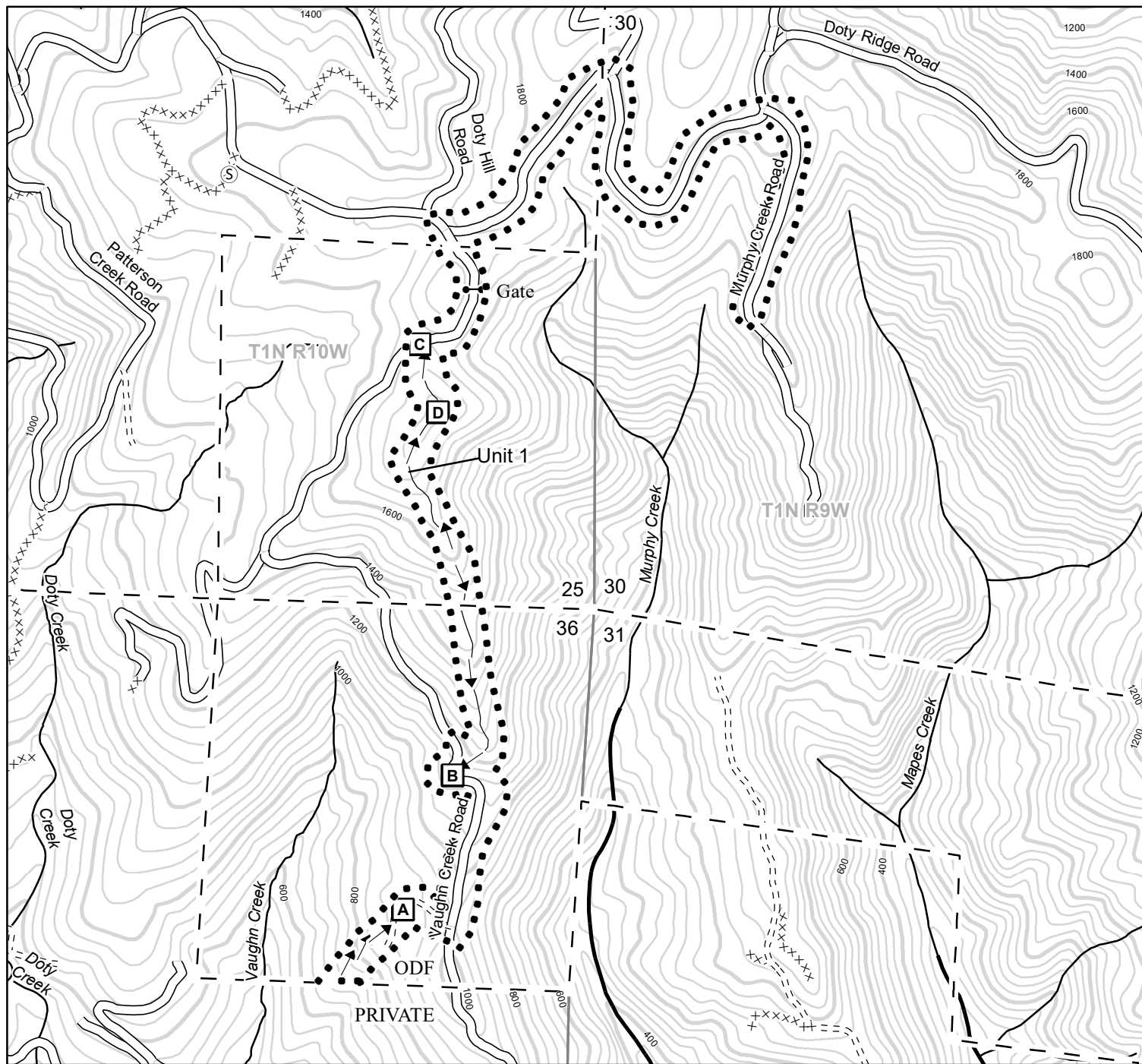


"STEWARDSHIP IN FORESTRY"

Pike Salvage

Volume Summary

TOTAL SALE VOLUME			12.4	acres
SPECIES	Cruised Net (MBF)		Net Sale (MBF)	
Douglas-fir	186		184	
Hemlock	11		11	
Spruce	4		0	
Noble Fir	0		0	
Red Alder	2		2	
TOTAL	203		197	



Legend

- • • Unposted Sale Boundary
- Property Line
- Townships
- Sections
- Landings
- Ⓢ Stockpiles
- Skid Roads
- Gates

Roads

- ~~~~~ Abandoned or vacated
- xxxxx Blocked
- Surfaced
- ==== Unsurfaced

Streams

- Fish
- Nonfish

Contours

- 40' Contour
- 200' Contour

LOGGING PLAN

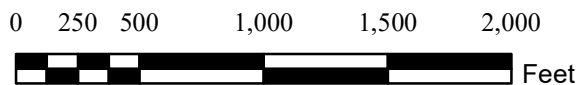
FOR TIMBER SALE CONTRACT
TL-343-2021-W00879
PIKE FIRE CONTINGENCY
PORTIONS OF SECTION 30, T1N, R9W,
& SECTIONS 25, 36, T1N, R10W, W.M.
TILLAMOOK COUNTY, OREGON

Tillamook District GIS
November, 2020

This product is for informational use and may not be
suitable for legal, engineering, or surveying purposes.

1:12,000

1 inch = 1,000 feet



NET ACRES

TRACTOR CABLE

UNIT 1	12	0
TOTAL	12	0