



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Plympton East
Sale AT-341-2022-W00563-01

District: Astoria

Date: April 15, 2021

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$636,007.12	\$0.00	\$636,007.12
		Project Work:	\$0.00
		Advertised Value:	\$636,007.12



"STEWARDSHIP IN FORESTRY"

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Plympton East
Sale AT-341-2022-W00563-01

District: Astoria

Date: April 15, 2021

Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	20	0	97
Western Hemlock / Fir	14	0	95

Volume by Grade	2S	3S & 4S 6"-11"	Total
Douglas - Fir	555	157	712
Western Hemlock / Fir	305	527	832
Total	860	684	1,544

Comments: Pond Values Used: Local Pond Values, April, 2021.

Expected Log Markets: Mist, Willamina, Banks, Clatskanie, Tillamook, Wauna, Forest Grove, Warrenton, Longview, WA, Elma, WA, and Vancouver, WA.

PRICING:

Western Red Cedar and other Cedars stumpage = pond value - (Douglas-fir) logging cost.

\$793.00/MBF = \$1,100/MBF - \$307.00/MBF

Red alder stumpage = pond value - (Douglas-fir) logging cost. \$293.00/MBF = \$600/MBF - \$307.00/MBF

Sitka spruce stumpage = pond value - (Douglas-fir) logging cost. \$143.00/MBF = \$450/MBF - \$307.00/MBF

Other Costs (with Profit & Risk to be added):

Machine Washing for Invasive Weed Compliance = \$2,000

Ditch Filters:

8 bales of straw @ \$12/bale = \$96

1 hour of labor @ \$45/hr = \$45

TOTAL Other Costs (with Profit & Risk to be added):\$2,141

Other Costs (No Profit & Risk added):

None.

SLASH PILING

(See attached appraisal. Includes move-in, pile materials) = \$5,900

ROAD MAINTENANCE

(See attached Road Maintenance Cost Summary Sheet)

TOTAL Road Maintenance: \$17,143/1,544 MBF = \$11.10/MBF



Timber Sale Appraisal
Plympton East
Sale AT-341-2022-W00563-01

District: Astoria

Date: April 15, 2021

Logging Conditions

Combination#: 1 Douglas - Fir 22.00%
 Western Hemlock / Fir 22.00%

Logging System: Cable: Medium Tower >40 - <70 **Process:** Manual Falling/Delimbing

yarding distance: Medium (800 ft) **downhill yarding:** No

tree size: Mature / Partial Cut (900 Bft/tree), 3-5 logs/MBF

loads / day: 7 **bd. ft / load:** 4100

cost / mbf: \$229.97

machines: Log Loader (A)
 Tower Yarder (Medium)

Combination#: 2 Douglas - Fir 15.00%
 Western Hemlock / Fir 15.00%

Logging System: Shovel **Process:** Manual Falling/Delimbing

yarding distance: Medium (800 ft) **downhill yarding:** No

tree size: Mature / Partial Cut (900 Bft/tree), 3-5 logs/MBF

loads / day: 6 **bd. ft / load:** 4100

cost / mbf: \$160.06

machines: Shovel Logger

Combination#: 3 Douglas - Fir 7.00%
 Western Hemlock / Fir 7.00%

Logging System: Cable: Medium Tower >40 - <70 **Process:** Manual Falling/Delimbing

yarding distance: Short (400 ft) **downhill yarding:** No

tree size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF

loads / day: 8 **bd. ft / load:** 4500

cost / mbf: \$183.33

machines: Log Loader (A)
 Tower Yarder (Medium)

Combination#: 4 Douglas - Fir 56.00%
 Western Hemlock / Fir 56.00%

Logging System: Shovel **Process:** Manual Falling/Delimbing

yarding distance: Medium (800 ft) **downhill yarding:** No

tree size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF

loads / day: 7 **bd. ft / load:** 4500

cost / mbf: \$125.00

machines: Shovel Logger



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Plympton East
Sale AT-341-2022-W00563-01

District: Astoria

Date: April 15, 2021

Logging Costs

Operating Seasons: 2.00

Profit Risk: 10%

Project Costs: \$0.00

Other Costs (P/R): \$2,141.00

Slash Disposal: \$5,900.00

Other Costs: \$0.00

Miles of Road

Road Maintenance: \$11.10

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	5.0
Western Hemlock / Fir	\$0.00	3.0	4.0



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Plympton East Sale AT-341-2022-W00563-01

District: Astoria

Date: April 15, 2021

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
\$157.44	\$11.43	\$5.69	\$97.85	\$1.39	\$27.38	\$3.82	\$2.00	\$0.00	\$307.00
Western Hemlock / Fir									
\$157.44	\$11.66	\$5.69	\$83.13	\$1.39	\$25.93	\$3.82	\$2.00	\$0.00	\$291.06

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$824.77	\$517.77	\$0.00
Western Hemlock / Fir	\$0.00	\$612.40	\$321.34	\$0.00



Timber Sale Appraisal
Plympton East
Sale AT-341-2022-W00563-01

District: Astoria

Date: April 15, 2021

Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00
Western Hemlock / Fir	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	712	\$517.77	\$368,652.24
Western Hemlock / Fir	832	\$321.34	\$267,354.88

Gross Timber Sale Value

Recovery: \$636,007.12

Prepared By: Ryan Simpson

Phone: 503-325-5451

Road Maintenance Cost Summary (Interim and Post Harvest)

Sale: Plympton East
Date: April 15, 2021
By: Ryan Simpson *FL*

MBF: 1,544.00
\$\$/MBF: \$11.10

Type	Equipment/Rationale	Move-in Rate	Times	Hours	Rate	Cost	
Interim Operations	Grader 14G	\$875	1	6	\$113	\$1,553	
	Vibratory Roller	\$875	1	4	\$87	\$1,223	
Road Maintenance	Grader 14G	\$875	1	38	\$113	\$5,169	
	Dump Truck 12CY	\$184	1	10	\$89	\$1,074	
	Vibratory Roller	\$875	1	38	\$87	\$4,181	
	Water Truck 2,500 gallon	\$214	1	16	\$101	\$1,830	
	Rubber Tired Backhoe	\$361	1	16	\$87	\$1,753	
	Labor			8	\$45	\$360	
Total							\$17,143

Interim Operations Road Maintenance

Production Rates	Miles/day	Distance (miles)	Days	Hours
Grader	2.5	2.0	0.8	6

Final Road Maintenance

Production Rates	Miles/day	Distance (miles)	Days	Hours
Grader	1.5	7.2	4.8	38
Vibratory Roller	1.5	7.2	4.8	38

Process and compact: All crushed rock roads

West Creek Ridge Road 4.5 Miles

East Kerry Road 1.6 Miles

Unnamed Spurs 1.1 Miles

Grade & Process Total = 7.2 Miles

Vegetation Type/Zone	Vegetation Type/Zone Code	Production Rate (hr/ac)	Estimated Piles/Acre	Landing Production Rate (hrs/30 acres)
Doug-fir	A	0.5	0.5	6
Hemlock/Fir	B	1.3	4.5	8
Hemlock/Spruce	C	1.8	6.0	10
Hemlock	D	1.8	6.0	8
Conifer/Hardwood	E	1.0	2.0	8
Whole Tree Yarding	F	0.5	0.5	12

Sale Name: Plympton East
Date: 04/13/2021

Sale Area	Harvest Type	Veg Type/Zone	Ground Based Yarding Acres	Estimated Piling Hours/Area	Cost/Hour	Total Cost/Area
1	MC	A	35	18	\$145.00	\$2,537.50
					In-unit Piling	Sub Total = \$2,537.50
Sale Area	Number of Landings to be Piled	# cable acres per area	Total Cost/Area	Number of In-Unit Piles	Material Cost/Pile	Total Cost/Area
1	7	5	\$145.00	24.5	\$5.00	\$122.50
					Materials	Sub Total = \$122.50
					Landing Piling	Sub Total = \$145.00
Additional Move-In Allowance	Move-in allowance Number of Move-In's	Total Move-In Allowance				
\$1,290.00	1.5	\$1,935.00				
					Move-In	Sub Total = \$1,935.00
Slash Endhaul						
Dump Truck hrs	Cost/Hour	Total	Loader hrs	Cost/Hour	Total	
	\$89.00	\$0.00	8	\$145.00	\$1,160.00	
						Sub Total = \$1,160.00
						Grand Total = \$5,900.00

**Plympton East
TIMBER CRUISE REPORT
FY 2022**

1. **Sale Area Location:** Portions of Sections 13, 14, & 23 of T7N, R6W, W.M., Clatsop County, OR.
2. **Fund Distribution:** BOF 100% Tax Code: 30-05 (100%)
3. **Sale Acreage by Area:**

Unit	Harvest Type	Gross Acres	Stream Buffer Acres	Existing R/W Acres	New R/W Stocked	Net Acres	Survey Method
1	Modified Clearcut	49	3	3	0	43	GIS
2	Partial Cut	28	2	1	0	25	GIS
TOTALS		77	5	4	0	68	

4. Cruisers and Cruise Dates: Justin Bush, John Czarniecki, John Choate, and Ryan Simpson (04/09/2021 – 04/13/2021)

5. Cruise Method and Computation:

Unit 1: Unit 1 was variable plot cruised with a 40 BAF. A total of 61 plots were sampled on a 1.5 by 4.5 chain spacing with a grade to count ratio of 1:2, resulting in 37 count plots, 17 grade plots and 7 blank plots.

Unit 2: Unit 2 was variable plot cruised with a 40 BAF. A total of 37 plots were sampled on a 2 by 3.5 chain spacing with a grade to count ratio of 1:1, resulting in 19 count plots and 18 grade plots.

Data was collected on Allegro 2 data collectors and downloaded to the Atterbury SuperACE 2008 program for computing. See the attached Cruise Designs for more details on the cruise method. The cruise calculations were processed in the Astoria District office.

UNIT(s)	CRUISE	TRACT	TYPE	ACRES
1	PEAST	U1	00PC	43
2	PEAST	U2	00MC	25

6. Timber Description:

Unit 1 is a modified clearcut with an average age of 79 years. The stand consists of Douglas-fir and western hemlock. The average Douglas-fir is approximately 20 inches DBH and 81 feet to a merchantable top. The average western hemlock is approximately 18 inches DBH and 64 feet to a merchantable top. The average net volume to be harvested per acre is 24 MBF. All trees were cruised to a merchantable top of six inches DIB, 40% of form point, or an otherwise anticipated break point.

Unit 2 is a partial cut with an average age of 79 years. The stand consists of Douglas-fir, western hemlock, and noble fir. The average take Douglas-fir is 23 inches DBH and 82 feet to a merchantable top. The average take western hemlock is 13 inches DBH and 55 feet to a merchantable top. The average take noble fir is 16 inches DBH and 68 feet to a merchantable top. The average net volume to be harvested per acre is 21 MBF. All trees were cruised to a merchantable top of six inches DIB, 40% of form point, or an otherwise anticipated break point. The target basal area is 200 sq. ft. and the target SDI is 37%.

7. Statistical Analysis and Stand Summary:

Statistics for Stand B.F. volumes

Unit	Estimated CV	Target SE%	Actual CV	Actual SE%
1	60%	10%	74.0%	9.5%
2	50%	11%	24.9%	4.1%

8. Volumes by Species and Log Grade:

Volumes by Species and Grade for Units 1 & 2: (MBF) Volumes do not include "in-growth."

Conifer

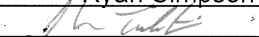
Species	DBH	Net Vol.	2 Saw	3 Saw	4 Saw	% D & B	% Sale
Douglas-fir	20	712	555	133	24	0.8	46
Western hemlock	14	766	270	424	72	1.2	50
Noble fir	16	66	35	31	--	1.4	4
TOTALS	--	1,544	860	588	96	--	--

TOTAL VOLUME	1,544 MBF
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9. Approvals:

Prepared by: Ryan Simpson

Date: 04/15/2021

Unit Forester Approval: 

Date: 4/23/2021

10. **Attachments:** Cruise Design and Map (4 pages)
Volume Reports (3 pages)
Statistics Reports (4 pages)
Log Stock Table (1 pages)
Stand Table Summary (Project) (1 pages)

**CRUISE DESIGN
ASTORIA DISTRICT**

Sale Name: Plympton East

Unit 1

Harvest Type: Modified Clearcut

Approx. Cruise Acres: 43 **Estimated CV%** 60 Net BF/Acre **SE% Objective** 10 Net BF/Acre

Planned Sale Volume: 688 MBF **Estimated Sale Area Value/Acre:** \$5,440/Acre

A. Cruise Goals: (a) Grade minimum 100 conifer trees
(b) Sample 66 cruise plots (22 grade/ 44 count); (c) Other goals (Determine "automark" thinning standards; X Determine log grades for sale value; X Determine snag and leave tree species and sizes.

B. Cruise Design:

1. Plot Cruises: BAF 40 (Full point) **Form Point will be taken at 16'**
Cruise Line Directions Unit 1: 0°/180°,
Cruise Line Spacing 4.5 (chains) 297 (Feet)
Cruise Plot Spacing 1.5 (chains) 99 (Feet)
Grade/Count Ratio 1:2

Take plots as marked on cruise map. All cedar will be reserved. Record all snags as SN.

DO NOT RECORD 12', 22' and 32' (for Hardwoods).

DO NOT RECORD 22' LENGTHS.

DO NOT RECORD SNAGS UNDER 12" DBH; DO NOT RECORD SNAGS ON COUNT PLOTS.

C. Tree Measurements:

- 1. Diameter:** Minimum DBH to cruise is 8" for conifers and 8" for hardwoods.
Record dbh to nearest 1/2" for trees < 16", to nearest 1" for trees 16-24", and to nearest 2" for trees > 24". If tree diameters are estimated (only estimate on variable plot cruises), then record to closest estimate.
- 2. Bole Length:** Record bole length to nearest foot at TCD. For trees greater than 100 feet in merchantable height, estimating to the nearest 5 feet is acceptable.
- 3. Top Cruise Diameter (TCD):** Minimum top outside bark is 7" for conifers and 7" for hardwoods or 40 % of dob at 16' form point. Generally, use 7" outside bark for trees < 20" dbh and 40% of dob @ FP for conifer trees > 20" dbh.
- 4. Form Factors:** (1) Measure or estimate a 16' form factor for every conifer tree measured/graded; OR (2) Measure a minimum of 20 form factors for each major conifer species on the cruise area, and use these to calculate average FF for the species on the cruise. Hardwood form factors are a Standard 87.

5. Tree Segments: Record log segments in “standard” log lengths in general use, such as 32’ and 40’ lengths, whenever possible. Do not record odd segments just to maximize grade. Cull segments can be any length. For conifers, minimum merchantable segment length is 12’; for hardwoods, it’s 8’. Maximum segment length is 40’. One foot of trim is assumed for each merch segment. Do not use “double dash” (--) feature on the data recorder except for the top segment of the tree. Hardwoods shall be recorded in 8’ and 10’ multiples.

6. Species, Sort, and Grade Codes:

- A. Species: Record as D (Douglas-fir); H (western hemlock); S (Sitka Spruce); C (Western redcedar); NF (noble fir); SF (silver fir); A (red alder); M (bigleaf maple); SN (Snag). For “leave trees”, add an “L” to the species code (such as DL, HL, CL, etc.)
- B. Sort: Use code “1” (Domestic).
- C. Grade: A = 1 Peeler; B = 2 Peeler; C = 3 Peeler; D = Special Mill; 2 = 2 Sawmill; 3 = 3 Sawmill; 4 = 4 Sawmill; R = Camp Run; 0 = Cull
Hardwoods: Alder Grades: 12” + = 1 Sawmill; 10”-12” = 2 Sawmill; 10”-8” = 3 Sawmill; and 8”-6” 4 Sawmill, 0 = Cull.

Grade oversized 3-SAW (DIB $\geq$ 12”, knots $> 2\frac{1}{2}$ ” inside scaling cylinder affecting $> 50\%$ of log)

7. Deductions: Estimate visible defect or damage as a “length deduction” (most often), or as a “diameter deduction,” as applicable. Estimate hidden defect and breakage (usually some breakage is encountered in trees > 100 feet in height) on a “per tree” basis. Steep and broken topography generally results in higher breakage percentages than gentler topography, and hemlock generally breaks more than Douglas-fir and spruce.

8. Standard Field Procedures: Plot Type Cruises: Mark cruise line beginning and end points with blue/yellow flagging. Write plot identification numbers and line direction on the ribbon. At each plot, tie yellow flagging above eye level near plot center and another yellow flagging around a sturdy wooden stake marking plot center. On each yellow flagging, write the plot identification number. Between plots, along the cruise line, tie blue flagging at inter-visible points, not to exceed 100’ apart. On “measure/grade” plots write the tree number and/or tree diameter on at least the first measured tree (clockwise from the line direction) in yellow paint. All trees on the plot may be marked this way, if the cruiser chooses.

9. Cruising Equipment: Relaskop, Rangefinder, Clinometer, Logger’s Tape (with dbh on back), Compass, Allegro II Data Recorder, Cruise Design, Cruise Map, Yellow Flagging, Blue Flagging, Yellow Paint.

10. Attachments: A. Cruise Map (showing cruise unit boundaries, roads, streams, approx. acres/unit, cruise lines and plot locations, legal description and section lines, BAF or plot size, measure/count plot ratio, north arrow, and scale.

Cruise Design by: Ryan Simpson

Approved by: 

Date: 4/9/2021

TIMBER CRUISE

PLYMPTON EAST

PORTIONS OF

SECTIONS 13, 14, & 23 OF T7N, R6W, W.M.,
CLATSOP COUNTY, OREGON

BAF = 40

Azimuth = 0°/180°

Net Acres = 43

Line Spacing = 4.5 ch. (297 ft.)

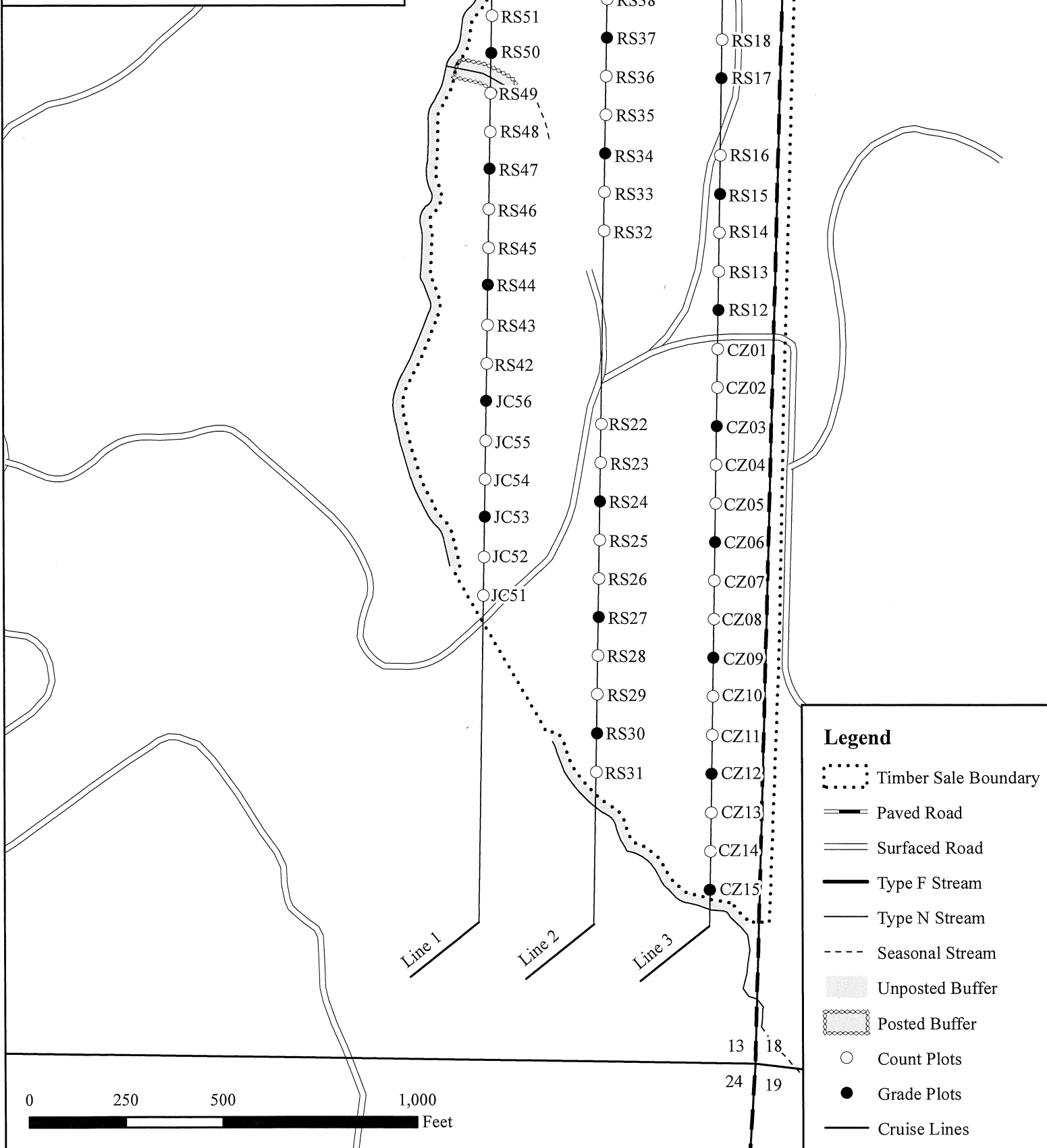
Grade Plots = 20

Plot Spacing = 1.5 ch. (99 ft.)

Count Plots = 41

Total Plots = 61

1 inch = 333 feet



Legend

- Timber Sale Boundary
- Paved Road
- Surfaced Road
- Type F Stream
- Type N Stream
- Seasonal Stream
- Unposted Buffer
- Posted Buffer
- Count Plots
- Grade Plots
- Cruise Lines

**CRUISE DESIGN
ASTORIA DISTRICT**

Sale Name: Plympton East

Unit 2

Harvest Type: Partial Cut

Approx. Cruise Acres: 25 **Estimated CV%** 50 Net BF/Acre **SE% Objective** 11 Net BF/Acre

Planned Sale Volume: 416 MBF **Estimated Sale Area Value/Acre:** \$5,440/Acre

A. Cruise Goals: (a) Grade minimum 100 conifer trees
(b) Sample 40 cruise plots (20 grade/ 20 count); (c) Other goals (Determine "automark" thinning standards; X Determine log grades for sale value; X Determine snag and leave tree species and sizes.

B. Cruise Design:

1. Plot Cruises: BAF 40 (Full point)
Cruise Line Directions Unit 1: 64°/244°,
Cruise Line Spacing 3.5 (chains) 231 (Feet)
Cruise Plot Spacing 2 (chains) 132 (Feet)
Grade/Count Ratio 1:1

Take plots as marked on cruise map. All cedar will be reserved. Record all snags as SN.

DO NOT RECORD 12', 22' and 32' (for Hardwoods).

DO NOT RECORD 22' LENGTHS.

DO NOT RECORD SNAGS UNDER 12" DBH; DO NOT RECORD SNAGS ON COUNT PLOTS.

Alternate between 4 and 5 "leave" trees per plot, target basal area is 180 sq. ft.

All cedar is "leave".

C. Tree Measurements:

- 1. Diameter:** Minimum DBH to cruise is 8" for conifers and 8" for hardwoods.
Record dbh to nearest 1/2" for trees < 16", to nearest 1" for trees 16-24", and to nearest 2" for trees > 24". If tree diameters are estimated (only estimate on variable plot cruises), then record to closest estimate.
- 2. Bole Length:** Record bole length to nearest foot at TCD. For trees greater than 100 feet in merchantable height, estimating to the nearest 5 feet is acceptable.
- 3. Top Cruise Diameter (TCD):** Minimum top outside bark is 7" for conifers and 7" for hardwoods or 40 % of dob at 16' form point. Generally, use 7" outside bark for trees < 20" dbh and 40% of dob @ FP for conifer trees > 20" dbh.
- 4. Form Factors:** (1) Measure or estimate a 16' form factor for every conifer tree measured/graded; OR (2) Measure a minimum of 20 form factors for each major conifer

species on the cruise area, and use these to calculate average FF for the species on the cruise. Hardwood form factors are a Standard 87.

5. **Tree Segments:** Record log segments in “standard” log lengths in general use, such as 32’ and 40’ lengths, whenever possible. Do not record odd segments just to maximize grade. Cull segments can be any length. For conifers, minimum merchantable segment length is 12’; for hardwoods, it’s 8’. Maximum segment length is 40’. One foot of trim is assumed for each merch segment. Do not use “double dash” (--) feature on the data recorder except for the top segment of the tree. Hardwoods shall be recorded in 8’ and 10’ multiples.

6. Species, Sort, and Grade Codes:

- A. **Species:** Record as D (Douglas-fir); H (western hemlock); S (Sitka Spruce); C (Western redcedar); NF (noble fir); SF (silver fir); A (red alder); M (bigleaf maple); SN (Snag). For “leave trees”, add an “L” to the species code (such as DL, HL, CL, etc.)
- B. **Sort:** Use code “1” (Domestic).
- C. **Grade:** A = 1 Peeler; B = 2 Peeler; C = 3 Peeler; D = Special Mill; 2 = 2 Sawmill; 3 = 3 Sawmill; 4 = 4 Sawmill; R = Camp Run; 0 = Cull
Hardwoods: Alder Grades: 12” + = 1 Sawmill; 10”-12” = 2 Sawmill; 10”-8” = 3 Sawmill; and 8”-6” 4 Sawmill, 0 = Cull.

Grade oversized 3-SAW (DIB $\geq$ 12”, knots $> 2\frac{1}{2}$ ” inside scaling cylinder affecting $> 50\%$ of log)

7. **Deductions:** Estimate visible defect or damage as a “length deduction” (most often), or as a “diameter deduction,” as applicable. Estimate hidden defect and breakage (usually some breakage is encountered in trees > 100 feet in height) on a “per tree” basis. Steep and broken topography generally results in higher breakage percentages than gentler topography, and hemlock generally breaks more than Douglas-fir and spruce.

8. **Standard Field Procedures:** Plot Type Cruises: Mark cruise line beginning and end points with blue/yellow flagging. Write plot identification numbers and line direction on the ribbon. At each plot, tie yellow flagging above eye level near plot center and another yellow flagging around a sturdy wooden stake marking plot center. On each yellow flagging, write the plot identification number. Between plots, along the cruise line, tie blue flagging at inter-visible points, not to exceed 100’ apart. On “measure/grade” plots write the tree number and/or tree diameter on at least the first measured tree (clockwise from the line direction) in yellow paint. All trees on the plot may be marked this way, if the cruiser chooses.

9. **Cruising Equipment:** Relaskop, Rangefinder, Clinometer, Logger’s Tape (with dbh on back), Compass, Allegro II Data Recorder, Cruise Design, Cruise Map, Yellow Flagging, Blue Flagging, Yellow Paint.

10. **Attachments:** A. Cruise Map (showing cruise unit boundaries, roads, streams, approx. acres/unit, cruise lines and plot locations, legal description and section lines, BAF or plot size, measure/count plot ratio, north arrow, and scale.

Cruise Design by: Ryan Simpson

Approved by: 

Date: 4/20/2021

TIMBER CRUISE

PLYMPTON EAST

PORTIONS OF

SECTIONS 13, 14, & 23 OF T7N, R6W, W.M.,
CLATSOP COUNTY, OREGON

BAF = 40

Azimuth = 64°/244°

Net Acres = 25

Line Spacing = 3.5 ch. (231 ft.)

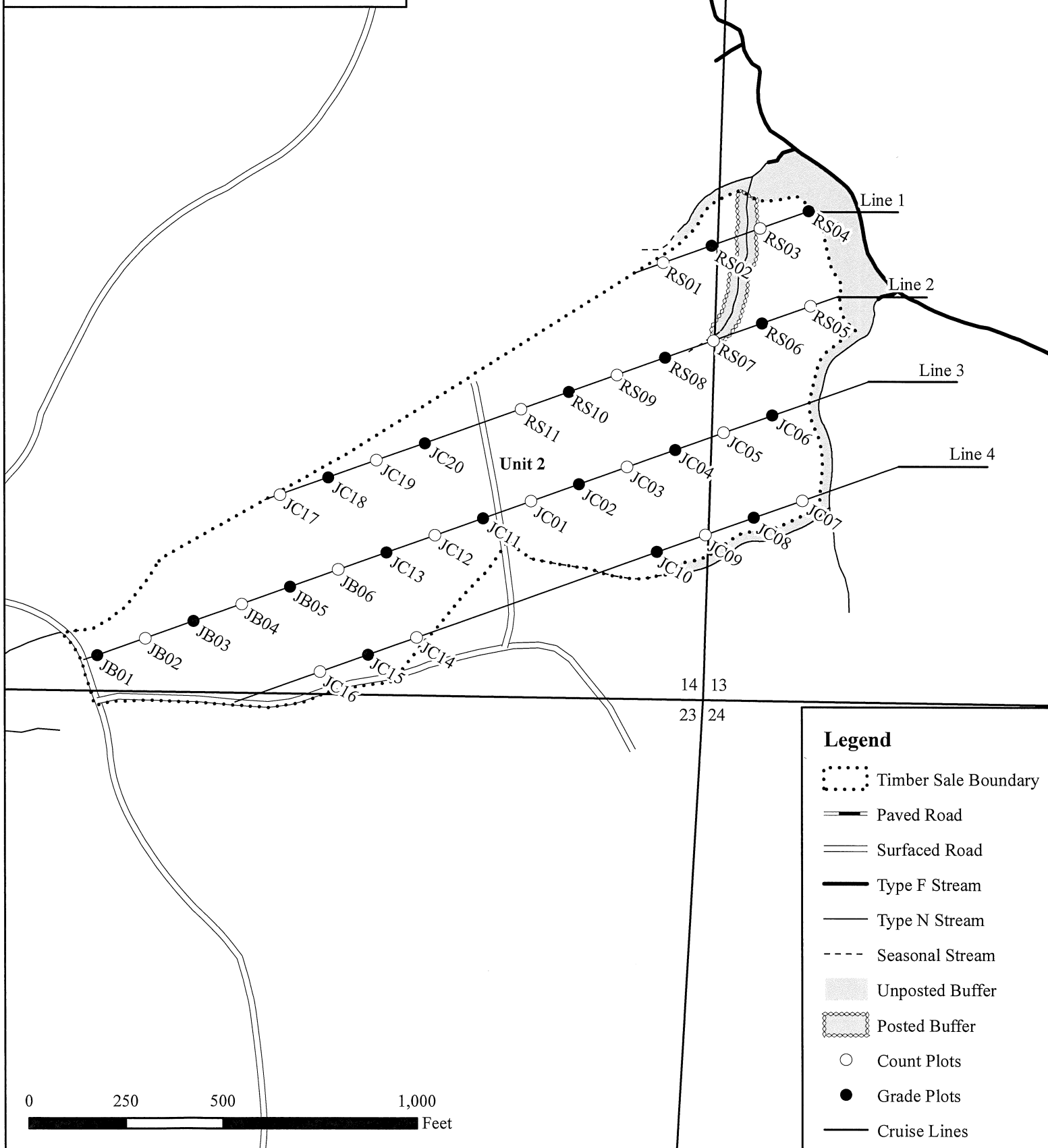
Grade Plots = 18

Plot Spacing = 2 ch. (132 ft.)

Count Plots = 19

Total Plots = 37

1 inch = 333 feet



Species, Sort Grade - Board Foot Volumes (Project)

T07N R06W S13 Ty00MC 43.00
T07N R06W S14 Ty00PC 25.00

Project: **PEAST**
Acres **68.00**

Page **1**
Date **4/16/2021**
Time **11:33:25AM**

Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre Def%GrossNet			Total Net MBF	Percent of Net Board Foot Volume								Average Log				Logs Per /Acre
									Log Scale Dia.				Log Length				Ln Ft	Dia In	Bd Ft	CF/ Lf	
									4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99					
D		DO2S		77	1.0	8,244	8,158	555		10	53	37			3	97	40	14	326	1.89	25.0
D		DO3S		19		1,954	1,954	133		92	8		1	17	16	66	35	8	91	0.76	21.5
D		DO4S		4		350	350	24		100			100				18	7	26	0.51	13.4
D Totals				46	.8	10,548	10,462	712		28	43	29	4	3	6	88	33	10	175	1.30	60.0
H		DOCU			100.0	49											6	15		0.00	1.0
H		DO2S		35	1.8	4,049	3,977	270		4	53	43			7	93	39	14	296	1.85	13.4
H		DO3S		55	1.1	6,303	6,234	424		86	11	3	1	6	22	71	36	8	91	0.67	68.6
H		DO4S		10		1,061	1,061	72		100			47	53			22	6	27	0.40	38.7
H Totals				50	1.7	11,462	11,271	766		58	25	17	5	8	15	72	32	8	93	0.77	121.7
NF		DO2S		52	2.6	523	510	35			100				21	79	38	12	194	1.42	2.6
NF		DO3S		48		452	452	31		100					7	93	39	7	74	0.58	6.1
NF Totals				4	1.4	975	962	66		47	53				15	85	38	8	110	0.83	8.7
Totals					1.3	22,986	22,696	1544		44	34	22	4	6	11	80	32	9	119	0.94	190.4

Species, Sort Grade - Board Foot Volumes (Type)										Page 1										
Project: PEAST										Date 4/16/2021										
										Time 11:33:26AM										
T07N R06W S13 T00MC										T07N R06W S13 T00MC										
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt											
07N	06W	13	U1	00MC	43.00	61	52	1	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		
		Def%	Gross	Net	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		
D DO 2S		77	1.1	12,801	12,665	545	10	52	38			4	96	40	14	326	1.89		38.9	
D DO 3S		19		3,044	3,044	131	92	8				1	17	17	65	35	8	91	0.76	33.4
D DO 4S		4		554	554	24	100					100				18	7	26	0.51	21.2
D Totals		68	.8	16,400	16,264	699	29	42	29			4	3	6	87	33	10	174	1.29	93.5
H DO CU			100.0	78												6	15		0.00	1.6
H DO 2S		63	2.1	4,845	4,743	204	3	40	57					100		40	15	355	2.12	13.3
H DO 3S		34	2.0	2,595	2,544	109	58	29	12			3	18	30	50	34	8	101	0.81	25.2
H DO 4S		3		218	218	9	100					76	24			18	7	30	0.55	7.3
H Totals		32	3.0	7,736	7,505	323	24	35	40			3	7	10	80	32	10	158	1.23	47.5
Type Totals			1.5	24,137	23,769	1,022	27	40	33			3	4	7	85	33	10	169	1.27	141.0

T		TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)										Page		1					
				Project: PEAST										Date		4/16/2021					
														Time		11:33:26AM					
T07N R06W S14 T00PC										T07N R06W S14 T00PC											
Twp		Rge		Sec		Tract		Type		Acres		Plots		Sample Trees		CuFt		BdFt			
07N		06W		14		U2_TAKE_1		00PC		25.00		37		63		1		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/ Ft In Ft Lf				
H DO 2S				14	.8	2,680	2,658	66	8 92		28 72		37	12	195	1.38	13.6				
H DO 3S				71	.8	12,680	12,581	315	95 5		2 19 79		37	8	88	0.63	143.1				
H DO 4S				15		2,510	2,510	63	100		43 57		22	6	27	0.38	92.6				
H Totals				85	.7	17,869	17,749	444	83 17		6 9 18 67		32	7	71	0.62	249.3				
NF DO 2S				52	2.6	1,423	1,386	35	100		21 79		38	12	194	1.42	7.2				
NF DO 3S				48		1,230	1,230	31	100		7 93		39	7	74	0.58	16.6				
NF Totals				13	1.4	2,653	2,616	65	47 53		15 85		38	8	110	0.83	23.7				
D DO 2S				83		405	405	10	100		100		40	15	360	2.07	1.1				
D DO 3S				17		79	79	2	100		100		40	7	70	0.80	1.1				
D Totals				2		483	483	12	16 84		100		40	11	215	1.44	2.2				
Type Totals					.7	21,006	20,849	521	77 23		5 8 17 70		32	7	76	0.65	275.3				

TC PSTATS				PROJECT STATISTICS				PAGE	1
				PROJECT	PEAST	DATE 4/16/2021			
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
07N	06	13	U1	00MC	68.00	98	302	1	W
07N	06W	14	U2 TAKE 1	00PC					
				TREES	ESTIMATED	PERCENT			
				PER PLOT	TOTAL	SAMPLE			
					TREES	TREES			

TC TSTATS				STATISTICS				PAGE 1		
				PROJECT	PEAST	DATE 4/16/2021				
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
07N	06W	13	U1	00MC	43.00	61	162	1	W	
				TREES	ESTIMATED	PERCENT				
				PER PLOT	TOTAL	SAMPLE				
					TREES	TREES				
PLOTS		TREES								
TOTAL		61		2.7						
CRUISE		17		3.1		1.4				
DBH COUNT										
REFOREST										
COUNT		37		3.0						
BLANKS		7								
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		31	39.1	20.1	81	19.3	86.5	16,400	16,264	3,980
WHEMLOCK		18	24.9	17.9	64	10.3	43.7	7,736	7,505	1,908
SNAG		3	20.0	10.3	55	3.6	11.6			
TOTAL		52	84.0	17.6	70	33.8	141.8	24,137	23,769	5,888
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		62.5	11.2	510	575	639				
WHEMLOCK		81.4	19.7	437	545	653				
SNAG										
TOTAL		75.2	10.4	476	531	587	226	56	25	
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		86.9	11.1	33	38	42				
WHEMLOCK		149.4	19.1	20	25	30				
SNAG		253.8	32.5	14	20	27				
TOTAL		88.4	11.3	73	82	92	312	78	35	
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		84.1	10.8	74	83	92				
WHEMLOCK		143.4	18.3	36	44	52				
SNAG		256.5	32.8	8	12	15				
TOTAL		71.2	9.1	126	138	151	202	51	22	
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		86.3	11.0	13,901	15,626	17,351				
WHEMLOCK		144.2	18.5	6,120	7,505	8,890				
SNAG										
TOTAL		74.0	9.5	20,941	23,131	25,322	219	55	24	

TC TSTATS				STATISTICS PROJECT PEAST				PAGE 1		
								DATE 4/16/2021		
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
07N	06W	14	U2 TAKE 1	00PC	25.00	37	140	1	W	

				TREES	ESTIMATED	PERCENT				
				PER PLOT	TOTAL	SAMPLE				
	PLOTS	TREES			TREES	TREES				
TOTAL	37	140		3.8						
CRUISE	17	63		3.7	4,100	1.5				
DBH COUNT										
REFOREST										
COUNT	18	77		4.3						
BLANKS	2									
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
WHEMLOCK	56	148.9	12.6	55	36.3	128.6	17,869	17,749	4,846	4,846
NOB FIR	6	13.9	16.0	68	4.9	19.5	2,653	2,616	756	756
DOUG FIR	1	1.1	23.0	82	0.7	3.2	483	483	129	129
TOTAL	63	164.0	13.0	56	42.0	151.4	21,006	20,849	5,731	5,731

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	
WHEMLOCK	63.3	8.5	140	153	165					
NOB FIR	39.3	17.5	177	215	253					
DOUG FIR										
TOTAL	62.5	7.9	150	163	176		156	39	17	

CL: 68.1 %	COEFF	TREES/ACRE					# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
WHEMLOCK	82.2	13.5	129	149	169					
NOB FIR	249.3	40.9	8	14	20					
DOUG FIR	341.3	56.1	0	1	2					
TOTAL	72.8	12.0	144	164	184		212	53	24	

CL: 68.1 %	COEFF	BASAL AREA/ACRE					# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
WHEMLOCK	76.2	12.5	113	129	145					
NOB FIR	250.0	41.1	11	19	27					
DOUG FIR	341.3	56.1	1	3	5					
TOTAL	65.1	10.7	135	151	168		169	42	19	

CL: 68.1 %	COEFF	NET BF/ACRE					# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
WHEMLOCK	76.7	12.6	15,513	17,749	19,986					
NOB FIR	254.4	41.8	1,523	2,616	3,710					
DOUG FIR	341.3	56.1	212	483	754					
TOTAL	65.7	10.8	18,600	20,849	23,098		172	43	19	

TC TSTATS				STATISTICS				PAGE	1	
				PROJECT	PEAST			DATE	4/16/2021	
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
07N	06W	14	U2 LEAVE 1	00PC	25.00	37	196	1	W	
				TREES	ESTIMATED	PERCENT				
				PER PLOT	TOTAL	SAMPLE				
					TREES	TREES				
TOTAL		37	196	5.3						
CRUISE		18	99	5.5	1,934		5.1			
DBH COUNT										
REFOREST										
COUNT		19	97	5.1						
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
HEMLEAV	57	47.2	22.7	86	27.9	133.0	26,156	25,290	6,274	6,211
NFIRLEAV	26	17.3	24.2	88	11.2	55.1	10,882	10,700	2,497	2,475
DOUGLEAV	9	3.4	25.3	104	2.4	11.9	2,782	2,735	612	603
SNAG	7	9.5	13.7	49	2.6	9.7				
TOTAL	99	77.4	22.3	83	44.4	209.7	39,820	38,725	9,383	9,289
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	
HEMLEAV	83.7	11.1	662	744	827					
NFIRLEAV	49.1	9.8	721	799	878					
DOUGLEAV	86.9	30.7	715	1,031	1,347					
SNAG										
TOTAL	83.6	8.4	671	732	794		279	70	31	
CL: 68.1 %	COEFF	TREES/ACRE					# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
HEMLEAV	51.0	8.4	43	47	51					
NFIRLEAV	121.3	19.9	14	17	21					
DOUGLEAV	250.7	41.2	2	3	5					
SNAG	296.6	48.7	5	10	14					
TOTAL	42.3	6.9	72	77	83		71	18	8	
CL: 68.1 %	COEFF	BASAL AREA/ACRE					# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
HEMLEAV	48.6	8.0	122	133	144					
NFIRLEAV	122.5	20.1	44	55	66					
DOUGLEAV	236.1	38.8	7	12	17					
SNAG	245.2	40.3	6	10	14					
TOTAL	21.3	3.5	202	210	217		18	5	2	
CL: 68.1 %	COEFF	NET BF/ACRE					# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
HEMLEAV	53.0	8.7	23,086	25,290	27,493					
NFIRLEAV	128.3	21.1	8,445	10,700	12,955					
DOUGLEAV	230.6	37.9	1,699	2,735	3,771					
SNAG										
TOTAL	24.5	4.0	37,168	38,725	40,282		24	6	3	

TC PSTATS		PROJECT STATISTICS							PAGE	1		
		PROJECT PEAST							DATE	4/16/2021		
TWP	RGE	SC	TRACT	TYPE	ACRES		PLOTS	TREES	CuFt	BdFt		
07N	06	14	U2_LV_&_TK	00PC	25.00		37	334	1	W		
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES					
TOTAL			37	334	9.0							
CRUISE			18	162	9.0	6,034		2.7				
DBH COUNT												
REFOREST												
COUNT			19	172	9.1							
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	
HEMLEAV			57	47.2	22.7	86	27.9	133.0	26,156	25,290	6,274	6,211
WHEMLOCK			56	148.9	12.6	55	36.3	128.6	17,869	17,749	4,846	4,846
NFIRLEAV			26	17.3	24.2	88	11.2	55.1	10,882	10,700	2,497	2,475
NOB FIR			6	13.9	16.0	68	4.9	19.5	2,653	2,616	756	756
DOUGLEAV			9	3.4	25.3	104	2.4	11.9	2,782	2,735	612	603
SNAG			7	9.5	13.7	49	2.6	9.7				
DOUG FIR			1	1.1	23.0	82	0.7	3.2	483	483	129	129
TOTAL			162	241.4	16.6	65	88.7	361.1	60,826	59,574	15,114	15,020
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		
HEMLEAV		83.7	11.1	662	744	827						
WHEMLOCK		63.3	8.5	140	153	165						
NFIRLEAV		49.1	9.8	721	799	878						
NOB FIR		39.3	17.5	177	215	253						
DOUGLEAV		86.9	30.7	715	1,031	1,347						
SNAG												
DOUG FIR												
TOTAL		108.9	8.5	467	511	554	474	118	53			
CL	68.1	COEFF		TREES/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15		
HEMLEAV		51.0	8.4	43	47	51						
WHEMLOCK		82.2	13.5	129	149	169						
NFIRLEAV		121.3	19.9	14	17	21						
NOB FIR		249.3	40.9	8	14	20						
DOUGLEAV		250.7	41.2	2	3	5						
SNAG		296.6	48.7	5	10	14						
DOUG FIR		341.3	56.1	0	1	2						
TOTAL		55.4	9.1	219	241	263	122	31	14			
CL	68.1	COEFF		BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15		
HEMLEAV		48.6	8.0	122	133	144						
WHEMLOCK		76.2	12.5	113	129	145						
NFIRLEAV		122.5	20.1	44	55	66						
NOB FIR		250.0	41.1	11	19	27						
DOUGLEAV		236.1	38.8	7	12	17						
SNAG		245.2	40.3	6	10	14						
DOUG FIR		341.3	56.1	1	3	5						
TOTAL		27.9	4.6	345	361	378	31	8	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		

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
07N	06	14	U2_LV_&_TK	00PC	25.00	37	334	1	W
			HEMLEAV	53.0	8.7	23,086	25,290	27,493	
			WHEMLOCK	76.7	12.6	15,513	17,749	19,986	
			NFIRLEAV	128.3	21.1	8,445	10,700	12,955	
			NOB FIR	254.4	41.8	1,523	2,616	3,710	
			DOUGLEAV	230.6	37.9	1,699	2,735	3,771	
			SNAG						
			DOUG FIR	341.3	56.1	212	483	754	
			TOTAL	24.9	4.1	57,139	59,574	62,009	
							25	6	3

TC PLOGSTVB			Log Stock Table - MBF																
T07N R06W S13 Ty00MC 43.00 T07N R06W S14 Ty00PC 25.00			Project: PEAST Acres 68.00												Page 1 Date 4/16/2021 Time 11:56:39AM				
S T Spp	So Gr rt	Log de Len	Gross MBF	Def %	Net MBF	% Sp	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+	
D	DO	2S 32	13		13	1.8					13								
D	DO	2S 34	7		7	.9						7							
D	DO	2S 40	541	1.1	536	75.3					56	84	98	221	57	20			
D	DO	3S 20	1		1	.2				1									
D	DO	3S 24	10		10	1.4				10									
D	DO	3S 26	5		5	.7					5								
D	DO	3S 28	2		2	.3			2										
D	DO	3S 30	5		5	.7					5								
D	DO	3S 32	14		14	1.9			3			11							
D	DO	3S 34	8		8	1.1				8									
D	DO	3S 36	5		5	.7			5										
D	DO	3S 38	6		6	.8				6									
D	DO	3S 40	77		77	10.8			25	8	43								
D	DO	4S 12	1		1	.1			1										
D	DO	4S 14	1		1	.1			1										
D	DO	4S 16	7		7	1.0			4	3									
D	DO	4S 18	3		3	.4			3										
D	DO	4S 20	12		12	1.7			7	5									
D	Totals		717		711	46.1			50	42	109	107	104	221	57	20			
H	DO	CU 6	3	100.0															
H	DO	2S 32	19		19	2.4					19								
H	DO	2S 36	12		12	1.6					12								
H	DO	2S 40	244	2.0	240	31.3				6	6	84	28	52	47	18			
H	DO	3S 20	3		3	.4				1		1							
H	DO	3S 24	25		25	3.3				5	7	8	5						
H	DO	3S 32	76		76	10.0			34	18	14	5	5						
H	DO	3S 34	17		17	2.2			12	4									
H	DO	3S 36	31	1.3	30	3.9			19	3	9								
H	DO	3S 38	8		8	1.0			8										
H	DO	3S 40	269	1.6	265	34.5			66	88	76	14	7	14					
H	DO	4S 12	2		2	.2				1	1								
H	DO	4S 14	1		1	.1				1									
H	DO	4S 16	10		10	1.3			9	1									
H	DO	4S 18	8		8	1.0			8										
H	DO	4S 20	14		14	1.9			14										

Log Stock Table - MBF

T07N R06W S13 Ty00MC	43.00
T07N R06W S14 Ty00PC	25.00

Project: PEAST
Acres 68.00

Page 2
Date 4/16/2021
Time 11:56:39AM

S T Spp	So rt	Gr de	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+
H	DO	4S	24	17		17	2.2			14	2								
H	DO	4S	28	4		4	.5			4									
H	DO	4S	30	17		17	2.2			17									
H	Totals			779	1.7	766	49.7			205	130	112	144	46	65	47	18		
NF	DO	2S	32	7		7	11.2					7							
NF	DO	2S	40	28	3.2	27	41.8					27							
NF	DO	3S	32	2		2	3.5			2									
NF	DO	3S	36	3		3	4.2			3									
NF	DO	3S	40	26		26	39.3			16		10							
NF	Totals			66	1.4	65	4.2			21		10	35						
Total	All Species			1,563	1.3	1,543	100.0			276	173	231	286	150	287	103	38		

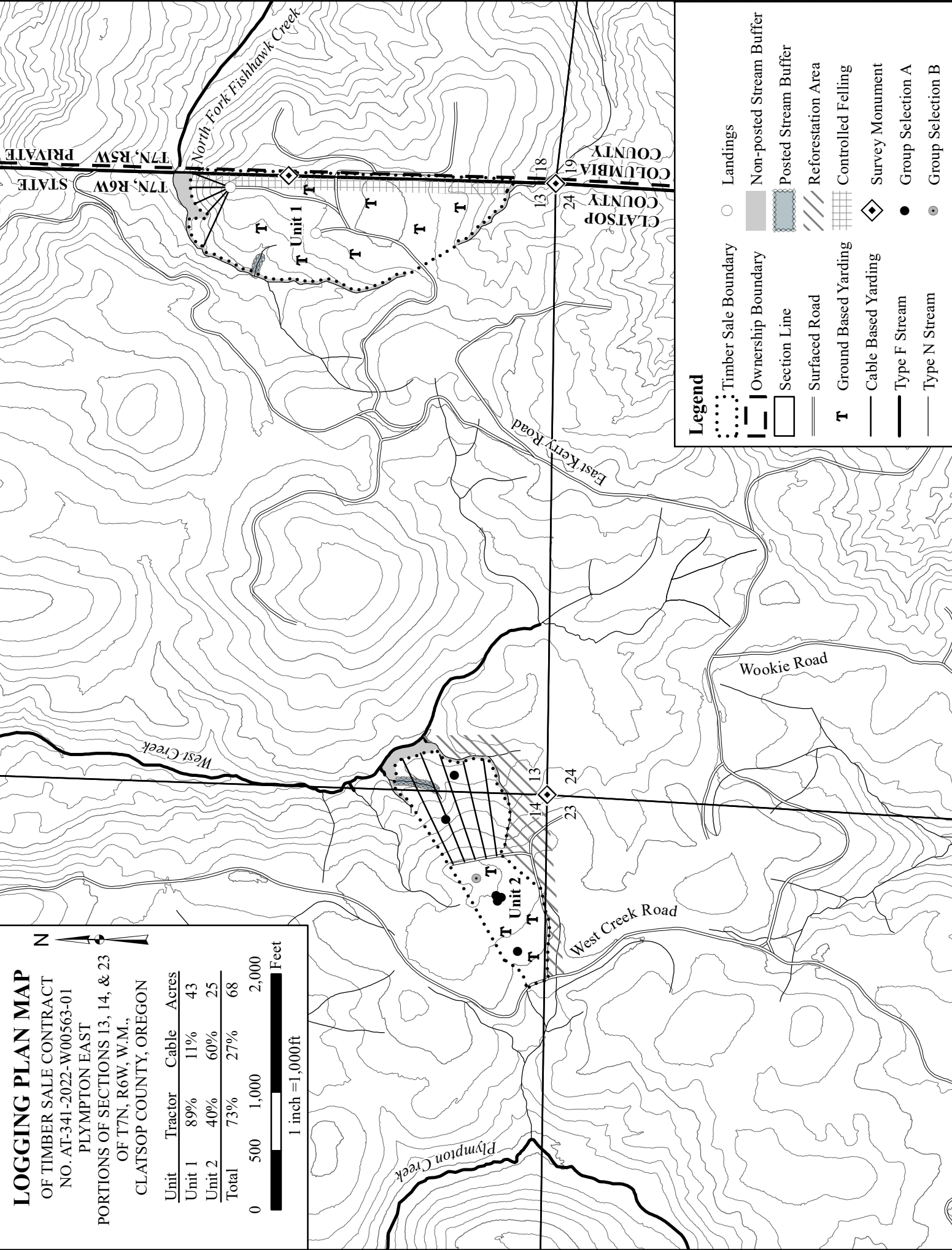
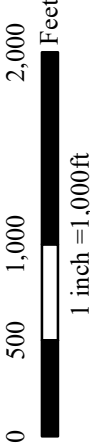
TC		PSTNDSUM		Stand Table Summary								Page		1	
												Date:		4/16/2021	
T07N R06W S13 Ty00MC 43.00 T07N R06W S14 Ty00PC 25.00				Project				PEAST				Time:		11:57:06AM	
				Acres				68.00				Grown Year:			
S Spec T	Tot						Average Log		Net		Net		Totals		
	Sample DBH	FF Trees	Av 16' Ht	Trees/ Acre	BA/ Acre	Logs Acre	Net Cu.Ft.	Net Bd.Ft.	Tons/ Acre	Cu.Ft. Acre	Bd.Ft. Acre	Tons	Cunits	MBF	
H	9	5	88 60	10.727	4.74	10.73	10.3	41.1		110	441		75	30	
H	10	9	88 78	15.244	8.31	18.34	13.5	50.7		248	930		169	63	
H	11	5	88 96	6.399	4.22	10.24	14.8	53.7		151	550		103	37	
H	12	4	86 91	4.301	3.38	7.53	17.0	60.0		128	452		87	31	
H	13	7	88 94	6.414	5.91	12.83	18.6	68.6		239	880		163	60	
H	14	8	88 93	6.321	6.76	13.43	20.0	77.1		269	1,035		183	70	
H	15	7	87 89	4.818	5.91	9.64	23.6	82.1		228	791		155	54	
H	16	2	86 101	1.720	2.40	4.05	26.4	90.2		107	365		73	25	
H	17	9	87 99	5.661	8.92	11.86	30.9	118.2		367	1,402		250	95	
H	18	3	88 101	2.124	3.75	5.07	33.8	126.5		171	641		117	44	
H	19	4	86 100	2.078	4.09	4.58	39.0	135.6		179	622		122	42	
H	20	2	87 99	1.380	3.01	2.76	47.2	162.1		130	447		89	30	
H	21	1	86 106	.351	.84	1.05	36.7	136.7		39	144		26	10	
H	24	1	85 111	.496	1.56	1.49	51.3	216.7		76	322		52	22	
H	25	1	85 116	.457	1.56	1.37	54.0	206.7		74	283		50	19	
H	26	1	86 120	.422	1.56	1.27	60.7	253.3		77	321		52	22	
H	28	1	86 131	.364	1.56	1.09	76.7	350.0		84	382		57	26	
H	29	2	84 106	.704	3.23	2.11	69.6	295.7		147	625		100	42	
H	32	1	83 99	.299	1.67	.60	117.5	395.0		70	236		48	16	
H	36	1	85 127	.220	1.56	.66	126.3	606.7		84	401		57	27	
H	Totals	74	88 87	70.501	74.95	120.69	24.7	93.4		2,978	11,271		2,025	766	
D	10	1	91 79	2.955	1.61	2.96	15.0	60.0		44	177		30	12	
D	11	1	92 78	2.443	1.61	4.89	10.0	30.0		49	147		33	10	
D	16	1	91 123	1.154	1.61	2.31	31.0	125.0		72	289		49	20	
D	17	1	86 105	1.170	1.84	2.34	32.0	120.0		75	281		51	19	
D	18	1	88 132	.975	1.72	2.92	31.0	126.7		91	370		62	25	
D	19	2	87 90	1.812	3.57	3.62	36.6	126.6		132	459		90	31	
D	20	5	86 104	4.178	9.11	9.93	37.5	132.3		373	1,314		253	89	
D	21	1	91 126	.670	1.61	2.01	40.7	180.0		82	362		56	25	
D	22	3	88 132	1.962	5.18	5.89	45.9	197.2		270	1,161		184	79	
D	23	3	87 120	1.650	4.76	4.54	48.3	194.2		219	881		149	60	
D	24	4	88 122	2.236	7.02	6.71	49.3	208.1		330	1,396		225	95	
D	25	2	87 123	1.046	3.57	3.14	54.4	224.9		171	706		116	48	
D	26	1	88 120	.467	1.72	1.40	58.0	236.7		81	332		55	23	
D	27	2	84 133	.962	3.83	2.89	66.6	274.1		192	791		131	54	
D	28	1	88 122	.403	1.72	1.21	69.7	316.7		84	383		57	26	
D	29	1	85 137	.402	1.84	1.21	78.7	350.0		95	422		65	29	
D	30	1	85 150	.376	1.84	1.13	90.7	420.0		102	474		70	32	
D	33	1	88 158	.290	1.72	.87	117.3	596.7		102	519		69	35	
D	Totals	32	88 109	25.151	55.91	59.95	42.8	174.5		2,565	10,462		1,744	711	
NF	12	1	85 62	1.518	1.19	1.52	19.0	60.0		29	91		20	6	
NF	15	1	89 111	.972	1.19	1.94	26.5	105.0		51	204		35	14	
NF	18	3	85 95	2.024	3.58	4.05	35.5	118.3		144	479		98	33	
NF	19	1	85 107	.606	1.19	1.21	44.5	155.0		54	188		37	13	
NF	Totals	6	86 90	5.120	7.15	8.72	31.9	110.3		278	962		189	65	
SN	9	1	88 44	5.530	2.44										
SN	10	1	88 59	4.479	2.44										
SN	13	1	88 73	2.650	2.44										
SN	Totals	3	88 55	12.659	7.33										

TC		PSTNDSUM		Stand Table Summary								Page 2					
												Date: 4/16/2021					
T07N R06W S13 Ty00MC43.00 T07N R06W S14 Ty00PC25.00				Project		PEAST		Time:		11:57:06AM							
				Acres		68.00		Grown Year:									
S		Tot					Average Log		Net		Net						
Sp	T	DBH	Sample Trees	FF 16'	Av Ht	Trees/Acre	BA/Acre	Logs Acre	Net Cu.Ft.	Net Bd.Ft.	Tons/Acre	Cu.Ft. Acre	Bd.Ft. Acre	Tons	T o t a l s	Cunits	MBF
Totals		115	88	88		113.431	145.34	189.36	30.7	119.9		5,820	22,696		3,958	1,543	

LOGGING PLAN MAP

OF TIMBER SALE CONTRACT
NO. AT-341-2022-W00563-01
PLYMPTON EAST
PORTIONS OF SECTIONS 13, 14, & 23
OF T7N, R6W, W.M.,
CLATSOP COUNTY, OREGON

Unit	Tractor	Cable	Acres
Unit 1	89%	11%	43
Unit 2	40%	60%	25
Total	73%	27%	68



Legend

- Timber Sale Boundary
- Ownership Boundary
- Section Line
- Surfaced Road
- T Ground Based Yarding
- Cable Based Yarding
- Type F Stream
- Type N Stream
- Landings
- Non-posted Stream Buffer
- Posted Stream Buffer
- Reforestation Area
- Controlled Felling
- Survey Monument
- Group Selection A
- Group Selection B