



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Simply Simmons Resale
Sale AT-341-2026-W01186-01

District: Astoria

Date: January 05, 2026

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$297,060.23	\$7,979.96	\$305,040.19
		Project Work:	(\$50,419.00)
		Advertised Value:	\$254,621.19



"STEWARDSHIP IN FORESTRY"

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District: Astoria

Date: January 05, 2026

Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	16	0	97
Western Hemlock / Fir	21	0	95
Sitka Spruce	28	0	97
Alder (Red)	16	0	95
Other	28	0	97

Volume by Grade	2S	3S & 4S 6"-11"	10" - 11"	12"+	6" - 7"	Other	Total
Douglas - Fir	296	268	0	0	0	0	564
Western Hemlock / Fir	176	85	0	0	0	0	261
Sitka Spruce	415	79	0	0	0	0	494
Alder (Red)	0	0	7	11	5	0	23
Other	0	0	0	0	0	228	228
Total	887	432	7	11	5	228	1,570

Comments: Pond Values Used: Local Pond Values, December, 2025.
Expected Log Markets: Clatskanie, Warrenton, Forest Grove, Tillamook, Mist, Wauna, Riddle, Coquille, Randle, WA, Longview, WA, and Chehalis, WA.

PRICING:

Western Red Cedar stumpage = pond value - (Douglas-fir) logging cost.
\$865.55/MBF = \$1,200/MBF - \$334.45/MBF

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

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

Ditch Filters:

12 bales of straw @ \$12/bale = \$144.00

4 hours of labor (installation/removal) @ \$50/hr = \$200

Total P&R Cost = \$2,344.00

Other Costs (No Profit & Risk added): None

SLASH PILING

(See attached appraisal. Includes move-in and pile materials) = \$8,121.33

ROAD MAINTENANCE

(See attached Road Maintenance Cost Summary Sheet)

TOTAL Road Maintenance: \$9,422/1,570 MBF = \$6.00/MBF



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Logging Conditions

Combination#: 1

Douglas - Fir	75.00%
Western Hemlock / Fir	75.00%
Sitka Spruce	75.00%
Alder (Red)	75.00%
Other	75.00%

Logging System: Cable: Small Tower <=40 **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: 9 **bd. ft / load:** 5000
cost / mbf: \$165.15
machines: Log Loader (A)
Tower Yarder (Small)

Combination#: 2

Douglas - Fir	25.00%
Western Hemlock / Fir	25.00%
Sitka Spruce	25.00%
Alder (Red)	25.00%
Other	25.00%

Logging System: Shovel **Process:** Feller Buncher
yarding distance: Short (400 ft) **downhill yarding:** No
tree size: Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF
loads / day: 18 **bd. ft / load:** 5000
cost / mbf: \$111.11
machines: Feller Buncher w/ Delimber



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Logging Costs

Operating Seasons: 2.00	Profit Risk: 10%
Project Costs: \$50,419.00	Other Costs (P/R): \$0.00
Slash Disposal: \$8,121.33	Other Costs: \$0.00

Miles of Road

Road Maintenance: \$6.00

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	4.8
Western Hemlock / Fir	\$0.00	2.0	4.8
Sitka Spruce	\$0.00	1.0	5.0
Alder (Red)	\$0.00	2.0	4.7
Other	\$0.00	2.0	5.5



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Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
\$151.64	\$6.18	\$5.59	\$134.12	\$0.00	\$29.75	\$5.17	\$2.00	\$0.00	\$334.45
Western Hemlock / Fir									
\$151.64	\$6.30	\$5.59	\$136.72	\$0.00	\$30.02	\$5.17	\$2.00	\$0.00	\$337.44
Sitka Spruce									
\$151.64	\$6.18	\$5.59	\$257.50	\$0.00	\$42.09	\$5.17	\$2.00	\$0.00	\$470.17
Alder (Red)									
\$151.64	\$6.30	\$5.59	\$139.63	\$0.00	\$30.32	\$5.17	\$2.00	\$0.00	\$340.65
Other									
\$151.64	\$6.18	\$5.59	\$117.05	\$0.00	\$28.05	\$5.17	\$2.00	\$0.00	\$315.68

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$721.49	\$387.04	\$0.00
Western Hemlock / Fir	\$0.00	\$538.49	\$201.05	\$0.00
Sitka Spruce	\$0.00	\$523.40	\$53.23	\$0.00
Alder (Red)	\$0.00	\$545.65	\$205.00	\$0.00
Other	\$0.00	\$330.00	\$14.32	\$0.00



Timber Sale Appraisal
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District: Astoria

Date: January 05, 2026

Summary

Amortized

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

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	564	\$387.04	\$218,290.56
Western Hemlock / Fir	261	\$201.05	\$52,474.05
Sitka Spruce	494	\$53.23	\$26,295.62
Alder (Red)	23	\$205.00	\$4,715.00
Other	228	\$14.32	\$3,264.96

Gross Timber Sale Value

Recovery: \$305,040.19

Prepared By: John Tillotson

Phone: 503-325-5451

Site Prep Appraisal

Sale Name: Simply Simmons Resale
Date: 12/26/2025

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	4
Hemlock/Fir	B	1.0	4.5	6
Hemlock/Spruce	C	1.8	5.0	8
Hemlock	D	1.8	5.0	8
Conifer/Hardwood	E	0.8	2.0	6
Whole Tree Yarding	F	0.5	0.3	10

Sale Area	Harvest Type	Veg Type/Zone	Ground Based Yarding Acres	Estimated Piling Hours/Area	Cost/Hour	Total Cost/Area	
1	MC	C	12	22	\$145.00	\$3,132.00	
2	MC	A	17	9	\$145.00	\$1,232.50	
				FALSE	\$145.00	\$0.00	
				FALSE	\$145.00	\$0.00	
					In-unit Piling	Sub Total =	\$4,364.50
Sale Area	Number of Landings to be Piled	# acres per area	Total Cost/Area	Number of In-Unit Piles	Material Cost/Pile	Total Cost/Area	
1	4	37	\$1,430.67	64	\$5.00	\$320.00	
2	5	17	\$328.67	13.5	\$5.00	\$67.50	
			FALSE	0	\$5.00	\$0.00	
			FALSE	0	\$5.00	\$0.00	
*Cost includes separating firewood					Materials	Sub Total =	\$387.50
Additional Move-in allowance					Landing Piling	Sub Total =	\$1,759.33
Move-In Allowance	Number of Move-In's	Total Move-In Allowance					
\$1,610.00	1	\$1,610.00					
					Move-In	Sub Total =	\$1,610.00
Slash Endhaul							
Dump Truck hrs	Cost/Hour	Total	Loader hrs	Cost/Hour	Total		
	\$89.00	\$0.00		\$145.00	\$0.00	Sub Total =	\$0.00
						Grand Total =	\$8,121.33

Road Maintenance Cost Summary (Interim and Post Harvest)

Sale: Simply Simmons Resale
Date: December 26, 2025
By: John Tillotson

MBF: 1,570
\$/MBF: \$6.00

Type	Equipment/Rationale	Move-in Rate	Times	Hours	Rate	Cost
Interim Road Maintenance	Grader 14G	\$972	1	4	\$126	\$1,476
	Grader 14G	\$972	1	9	\$126	\$2,106
Final Road Maintenance	Dump Truck 12CY	\$205	1	8	\$99	\$997
	Rubber Tired Backhoe	\$401	1	4	\$97	\$789
	Vibratory Roller	\$972	1	7	\$97	\$1,651
	Water Truck 2,500 gallon	\$238	1	4	\$113	\$690
	C315 Excavator	\$1,005	1	4	\$127	\$1,513
	Labor			4	\$50	\$200
Total						\$9,422

Interim Operations Road Maintenance

Production Rates	Miles/day	Distance (miles)	Days	Hours
Grader	3.0	1.5	0.5	4

Final Road Maintenance

Production Rates	Miles/day	Distance (miles)	Days	Hours
Grader	1.9	2.1	1.1	9
Vibratory Roller	1.9	2.1	1.1	9

Process and compact: All crushed rock roads

Simmons Ridge Road:	0.8
Unnamed Spurs:	1.3
Grade & Process Total:	2.1

SUMMARY OF ALL PROJECT COSTS

SALE NAME: Simply Simmons Resale

<u>Road segment</u>	<u>Length (Sta)</u>	<u>Length (Mile)</u>	<u>Cost</u>
Road Maint.			
Move-In			
TOTALS			

Project No. 1: ROAD IMPROVEMENT ROCK REPLACEMENT AND ROAD MAINTENANCE:

<u>Road segment</u>	<u>Length (Sta)</u>	<u>Length (Mile)</u>	<u>Cost</u>
I1 to I2, I3 to I4			
I5 to I6, I7 to I8			
I9 to I10, I11 to I12			
I13 to I14, I15 to I16			
	200.80	3.80	\$44,627.75
Road Maint.			\$504.00
Move-In			\$5,287.00
TOTALS	200.80	3.80	\$50,419

SPECIAL PROJECTS (Move-In and Road Maint. are included separately as needed, for each Special Project)

<u>Description</u>	<u>Length/Vol.</u>	<u>Cost</u>
TOTAL		

GRAND TOTAL \$50,419

Compiled By: D. Farner, updated by JT

Date: 12/26/2025

Move In and Maintenance Calculator for Construction and Improvement

SALE NAME: Simply Simmons Resale

<u>Road segment</u>	<u>Length/Sta</u>	<u>Length/Mile</u>	<u>Cost</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
TOTALS	_____	_____	_____

Project No. 1: ROAD IMPROVEMENT ROCK REPLACEMENT AND ROAD MAINTENANCE:

<u>Road segment</u>	<u>Length/Sta</u>	<u>Length/Mile</u>	<u>Cost</u>
<u>I1 to I2, I3 to I4</u>	_____	_____	_____
<u>I5 to I6, I7 to I8</u>	_____	_____	_____
<u>I9 to I10, I11 to I12</u>	_____	_____	_____
<u>I13 to I14, I15 to I16</u>	_____	_____	_____
	200.80	3.80	\$44,627.75
TOTALS	200.80	3.80	\$44,628

MOVE IN (Construction & Improvement Only)

<u>Equipment</u>	<u>Length/Mile</u>	<u>Cost</u>
<u>Vibratory Roller</u>	_____	\$972.00
<u>C315 Excavator</u>	_____	\$1,005.00
<u>Backhoe (C580)</u>	\$401x2	\$802.00
<u>14G Grader</u>	_____	\$972.00
<u>Water Truck (2,500 gal.)</u>	_____	\$238.00
<u>10-12 yrd Dump truck (x4)</u>	_____	\$820.00
<u>20 yrd Dump truck w/ pup (x2)</u>	_____	\$478.00
TOTAL		\$5,287.00

ROAD MAINTENANCE (Construction & Improvement Only)

	<u>Length/Mile</u>	<u>Cost</u>
<u>Nicolia Mainline, Hunt Cr.</u>	2	\$504.00
_____	_____	_____
TOTAL		\$504.00

SUMMARY OF CONSTRUCTION COSTS

SALE NAME: Simply Simmons Resale
ROAD: I1 to I2(94.4 sta.), I3 to I4(27.35 sta.), I5 to I6(7.5 sta.),
POINTS: I7 to I8(4.5 sta.), I9 to I10(25.25 sta.), I11 to I12(2.4 sta.),
I13 to I14(15 sta.), I15 to I16(24.4 sta.)

NEW CONSTRUCTION: STATIONS 0.00 MILES
IMPROVEMENT: 200.80 STATIONS 3.80 MILES

CLEARING & GRUBBING					
Method	Acres/amount	x	Rate	=	Cost
		x		=	\$0.00
SUB TOTAL FOR CLEARING & GRUBBING					\$0

EXCAVATION						
	Material	Cy/amount	x	Rate	=	Cost
I5 to I6						
1+00	Construct turnaround.					
	Remove trees and debris. C315 hrs./\$	2.0	x	\$127.00	=	\$254.00
I9 to I10						
5+40	Construct turnaround.					
	Remove trees and debris. C315 hrs./\$	1.0	x	\$127.00	=	\$127.00
22+30	Construct turnaround.					
	Remove trees and debris. C315 hrs./\$	1.0	x	\$127.00	=	\$127.00
25+25	Remove trees and debris.					
	Clear landing. C315 hrs./\$	1.0	x	\$127.00	=	\$127.00
I11 to I12						
2+40	Remove trees and debris.					
	Clear landing. C315 hrs./\$	1.00	x	\$127.00	=	\$127.00
I13 to I14						
6+95	Install new culvert					
	Cut and remove trees					
	as needed C315 hrs./\$	1.00	x	\$127.00	=	\$127.00
8+50	Install a series of 3 rock ditch filters C315 hr/\$	1.00	x	\$127.00	=	\$127.00
10+30	Install a series of 3 rock ditch filters C315 hr/\$	1.00	x	\$127.00	=	\$127.00
10+30 to 12+25	Ditch reconstruction					
	(scatter) C315 hrs./\$	1.00	x	\$127.00	=	\$127.00
11+60	Construct turnaround.					
	Remove trees and debris. C315 hrs./\$	1.00	x	\$127.00	=	\$127.00
15+00	Remove trees and debris.					
	Clear landing. C315 hrs./\$	1.00	x	\$127.00	=	\$127.00
SUB TOTAL FOR EXCAVATION						\$1,524

CULVERT MATERIALS AND INSTALLATION									
Location	Dia/type	Lineal ft.	Rate	Cost	Location	Dia/type	Lineal ft.	Rate	Cost
I13 to I14									
6+95	18 CPP	40	\$29.73	\$1,189.20					\$0.00
Other/miscellaneous:					Description				
Culvert stakes & markers:					Quantity				
					Rate				
					Cost				
					2				
					\$25.53				
					\$51.06				
SUB TOTAL FOR CULVERT MATERIALS & INSTALLATION									
					\$1,240				
					Subtotal of Clearing, Exc., Culv.				
					\$2,764				

SURFACING								Stations/ amount	x	Rate/ sta/amt	Cost
Subgrade prep:		Description									
Grade, Shape and Ditch 16'		I1 to I2(94.4 sta.), I3 to I4(27.35 sta.), I5 to I6(7.5 sta.), I7 to I8(4.5 sta.), I9 to I10(25.25 sta.), I11 to I12(2.4 sta.), I13 to I14(15 sta.), I15 to I16(24.4 sta.))						200.80	x	\$30.98	\$6,220.78
Subgrade Compaction		I1 to I2(94.4 sta.), I3 to I4(27.35 sta.), I5 to I6(7.5 sta.), I7 to I8(4.5 sta.), I9 to I10(25.25 sta.), I11 to I12(2.4 sta.)						105.65	x	\$25.19	\$2,661.32
Sod Removal (Grader w/ Backhoe to scatter)		I5 to I6(7.5 sta.), I7 to I8(4.5 sta.), I9 to I10(25.25 sta.), I11 to I12(2.4 sta.), I13 to I14(15 sta.), I15 to I16 (24.4 sta.)						79.05	x	\$40.27	\$3,183.34
ROAD SEGMENT I1 to I2				POINT TO POINT		Sta. to Sta.		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost	
Application	Rock Size and Type	Location	Depth of Rock (inches)	I1 to I2		0+00 to 94+40					
				Volume (CY) per		Number of					
Surfacing (Hunt Cr.)	3/4"-0" crushed	0+00 to 16+00, 38+00 to 42+00	2	station	13	stations	20	260	\$27.97	\$7,272	
Surface Leveling Rock (Hunt Cr.)	3/4"-0" crushed	16+00 to 38+00	N/A	load	11	loads	7	77	\$27.97	\$2,154	
Turnouts (Hunt Cr.)	3/4"-0" crushed	4+15, 10+50(2), 14+30	N/A	turnout	11	turnouts	4	44	\$27.97	\$1,231	
Turnaround (Hunt Cr.)	3/4"-0" crushed	16+00	N/A	turnaround	11	turnaround	1	11	\$27.97	\$308	
Turnaround	4"-0" crushed	94+40	N/A	turnout	11	turnouts	1	11	\$3.29	\$36	
Total Rock for Road Segment:				I1 to I2				403			\$11,000
ROAD SEGMENT I3 to I4				POINT TO POINT		Sta. to Sta.		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost	
Application	Rock Size and Type	Location	Depth of Rock (inches)	I3 to I4		0+00 to 27+35					
				Volume (CY) per		Number of					
Surface Leveling Rock (Hunt Cr.)	3/4"-0" crushed	0+00 to 5+10	N/A	load	11	loads	3	33	\$27.97	\$923	
Total Rock for Road Segment:				I3 to I4				33			\$923
ROAD SEGMENT I5 to I6				POINT TO POINT		Sta. to Sta.		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost	
Application	Rock Size and Type	Location	Depth of Rock (inches)	I5 to I6		0+00 to 7+50					
				Volume (CY) per		Number of					
Leveling Rock	4"-0" crushed	0+00 to 7+50	N/A	load	11	loads	6	66	\$3.29	\$217	
Turnaround	4"-0" crushed	1+00	N/A	turnaround	44	turnaround	1	44	\$3.29	\$145	
Total Rock for Road Segment:				I5 to I6				110			\$362
ROAD SEGMENT I7 to I8				POINT TO POINT		Sta. to Sta.		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost	
Application	Rock Size and Type	Location	Depth of Rock (inches)	I7 to I8		0+00 to 4+50					
				Volume (CY) per		Number of					
Surface Leveling Rock	4"-0" crushed	0+00 to 4+50	N/A	load	11	loads	4	44	\$3.29	\$145	
Total Rock for Road Segment:				I7 to I8				44			\$145
ROAD SEGMENT I9 to I10				POINT TO POINT		Sta. to Sta.		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost	
Application	Rock Size and Type	Location	Depth of Rock (inches)	I9 to I10		0+00 to 25+25					
				Volume (CY) per		Number of					
Surfacing (Hunt Cr.)	3/4"-0" crushed	0+00 to 5+40	2	station	13	stations	5.4	70	\$27.97	\$1,963	
Surfacing	1 1/2"-0" crushed	5+40 to 25+25	2	station	13	stations	19.85	258	\$3.29	\$849	
Turnaround	4"-0" crushed	5+40	N/A	turnaround	22	turnaround	1	22	\$3.29	\$72	
Turnaround	4"-0" crushed	22+30	N/A	turnaround	33	turnaround	1	33	\$3.29	\$109	
Landings	6"-0" pit-run	25+25	N/A	landing	66	landings	1	66	\$3.29	\$217	
Total Rock for Road Segment:				I9 to I10				449			\$3,211

ROAD SEGMENT			I11 to I12		POINT TO POINT		Sta. to Sta.		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost
Application	Rock Size and Type	Location	Depth of Rock (inches)	I11 to I12 Volume (CY) per		0+00 to 2+40 Number of					
Surfacing	4"-0" crushed	0+00 to 2+40	4	station	25	stations	2.4	60	\$3.29	\$197	
Junctions	4"-0" crushed	0+00	N/A	junction	22	junctions	1	22	\$3.29	\$72	
Landings	6"-0" pit-run	2+40	N/A	landing	66	landings	1	66	\$3.29	\$217	
Total Rock for Road Segment:				I11 to I12				148			\$487
ROAD SEGMENT			I13 to I14		POINT TO POINT		Sta. to Sta.		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost
Application	Rock Size and Type	Location	Depth of Rock (inches)	I13 to I14 Volume (CY) per		0+00 to 15+00 Number of					
Surface Leveling Rock	4"-0" crushed	0+00 to 15+00	N/A	load	11	loads	10	110	\$3.29	\$362	
Culvert Bedding/Backfill	3/4"-0" crushed	6+95	N/A	load	33	loads	1	33	\$3.29	\$109	
Rock Ditch Filters	6"-4" pit-run	8+50, 10+30	N/A	3 filter series	11	3 filter series	2	22	\$3.29	\$72	
Total Rock for Road Segment:				I13 to I14				165			\$543
ROAD SEGMENT			I15 to I16		POINT TO POINT		Sta. to Sta.		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost
Application	Rock Size and Type	Location	Depth of Rock (inches)	I15 to I16 Volume (CY) per		0+00 to 24+40 Number of					
Surface Leveling Rock	4"-0" crushed	0+00 to 3+50	N/A	load	11	loads	2	22	\$3.29	\$72	
Surface Leveling Rock	1 1/2"-0" crushed	3+50 to 24+40	N/A	load	11	loads	6	66	\$3.29	\$217	
Total Rock for Road Segment:				I15 to I16				88			\$290

Compiled By: D. Farner, Updated by JT

Date: 12/26/2025

CRUSHED ROCK COST

SALE NAME:	Simply Simmons Resale
PROJECT:	Project No. 1
Stockpile:	Hunt Cr.

MATERIAL: 3/4"-0"

DATE: 12/26/2025
BY: J. Tillotson

[illegible]

ROCK HAUL:

Truck type:	<u>D20</u>	No. trucks:	<u>2</u>
Delay min.:	<u>8</u>	Efficiency:	<u>85%</u>

Ave haul:	\$21.08	/cy
Load:	\$4.76	/cy
Spread:	\$2.13	/cy

Truck type:	<u>D12</u>	No. trucks:	<u>1</u>
Delay min.:	<u>6</u>	Efficiency:	<u>85%</u>

Truck type: D10 No. trucks:
 Delay min.: 5 Efficiency: 85%

Production: cy/day = 137

CRUSHED ROCK HAUL COSTS 495 cy @ \$27.97 /cy

CRUSHED ROCK COST

SALE NAME:	Simply Simmons Resale
PROJECT:	No. 1
Stockpile:	Simmons Stockpile

MATERIAL: 3/4"-0", 1 1/2"-0", 4"-0", Pit-Run

DATE: 12/26/2025
BY: J. Tillotson

[illegible]

ROCK HAUL:

Truck type: D20 No. trucks:
 Delay min.: 8 Efficiency: 85%

Ave haul: \$2.62 /cy

Load: \$0.27 /cy

Spread: \$0.40 /cy

Truck type:	<u>D12</u>	No. trucks:	<u>6</u>
Delay min.:	<u>6</u>	Efficiency:	<u>85%</u>

Truck type: D10 No. trucks:
 Delay min.: 5 Efficiency: 85%

Production: cy/day = 2,015

CRUSHED ROCK HAUL COSTS

945 cy @ \$3.29 /cy

Projects Road Maintenance Cost Summary

Sale: Simply Simmons
Date: 20-Dec-24
By: D. Farner

Type	Equipment/Rationale			Hours	Rate	Cost
Project Work Final Haul Road Maintenance	Grader 14G			4	\$126	\$504
Total						\$504

Production Rates

Grader

Vibratory Roller

Miles/day	Distance(miles)	Days
1.5	2.00	1.3
1.5	2.00	1.3

Remove potholes and washboards. Spot grade and compact as directed by STATE.

NOTE: Nicolia Mainline 1.50 Miles
 Hunt Cr. 0.50 Miles
 TOTAL= 2.00 Miles

SIMPLY SIMMONS RESALE TIMBER CRUISE REPORT FY 2025

1. **Sale Area Location:** Portions of Section 27 of T7N, R8W, W.M., Clatsop County, OR.

2. **Fund Distribution:** BOF 100% Tax Code: 1-08 = 100%

3. **Sale Acreage by Area:**

Unit	Harvest Type	Gross Acres	Stream Buffer Acres	Existing R/W Acres	Reserve Tree Area	New R/W Acres	New R/W Non-Stocked	Net Acres	Survey Method
1	Modified Clearcut	42	4	1	<1	-	--	37	GIS
2	Modified Clearcut	22	3	2	-	-	--	17	GIS
TOTALS		64	7	3	<1	-	--	54	

4. **Cruisers and Cruise Dates:** Avery Petersen, John Czarnecki, and Ryan Simpson, Michele Huffman, and Kevin Berry. (12/30/24 – 01/02/25)

5. Cruise Method and Computation:

Unit 1: Unit 1 was variable plot cruised with a 40 BAF for conifer species and hardwood species. A total of 27 plots were sampled on a five by three chain spacing with a grade to count ratio of 1:2, resulting in 9 grade plots and 18 count plots.

Unit 2: Unit 2 was variable plot cruised with a 33.36 BAF for conifer species and hardwood species. A total of 18 plots were sampled on a four by two chain spacing with a grade to count ratio of 1:1, resulting in 9 grade plots and 9 count plots

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

UNIT(s)	CRUISE	TRACT	TYPE	ACRES
1	SSIM	U1	00MC	37
2	SSIM	U2	00MC	17

6. Timber Description:

Unit 1 is a modified clearcut with an average age of 75 years. The stand consists of Sitka spruce, Douglas-fir, western hemlock, and red alder. The average take Douglas-fir is approximately 29 inches DBH and 133 feet to a total top. The average red alder is approximately 23 inches DBH and 71 feet to a total top. The average western hemlock is approximately 20 inches DBH and 58 feet to a total top. The average Sitka spruce is approximately 28 inches DBH and 96 feet to a total top. Average net volume to be harvested per acre is 32 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 modified clearcut with an average age of 43 years. The stands consists of Douglas-fir, red alder, western hemlock, and Sitka spruce. The average take Douglas-fir is approximately 14 inches DBH and 68 feet to a total top. The average red alder is approximately 13 inches DBH and 81 feet to a total top. The average western hemlock is approximately 22 inches DBH and 81 feet to a total top. The average Sitka spruce is approximately 27 inches DBH and 63 feet to a total top. 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.

7. Statistical Analysis and Stand Summary:

Statistics for Stand B.F. volumes

Unit	Estimated CV	Target SE%	Actual CV	Actual SE%
1	60.0%	10.0%	41.5%	7.99%
2	60.0%	10.0%	25.9%	6.10%

8. Volumes by Species and Log Grade:

Volumes by Species and Grade for All Sale Areas: (MBF) Volumes do not include "in-growth."

Conifer

Species	DBH	Net Vol.	2 Saw 27"+	2 Saw	3&4 Saw 12"+	3 Saw	4 Saw	% D&B	% Sale
Douglas-fir	16"	564	--	296	--	207	61	1.0%	36%
western hemlock	21"	261	--	176	--	72	13	1.0%	17%
Sitka spruce	28"	722	62	415	166	64	15	2.0%	46%
TOTALS	--	1,547	62	887	166	343	89	--	--

Hardwood

Species	DBH	Net Vol.	12"+	10"-11"	8"-9"	6"-7"	% D & B	% Sale
red alder	16"	23	11	7	0	5	3.0%	1%
TOTALS	--	23	11	7	0	5	--	--

TOTAL VOLUME	1,570 MBF
---------------------	------------------

9. Approvals:

Prepared by: John Tillotson Date: 12/26/2025

Unit Forester Approval:  Date: _____

- 10. Attachments:** Cruise Design and Map (6 pages)
 Volume Report (3 pages)
 Statistics Report (3 pages)
 Log Stock Table (2 pages)
 Stand Table Summary (2 pages)

**CRUISE DESIGN
ASTORIA DISTRICT**

Sale Name: Simply Simmons Resale

Units U1

Harvest Type: Modified Clearcut

Approx. Cruise Acres: 76 **Estimated CV%** 60 Net BF/Acre **SE% Objective** 10% Net BF/Acre

Planned Sale Volume: 1,050 MBF **Estimated Sale Area Value/Acre:** \$9,625/Acre

A. Cruise Goals: (a) Grade minimum 60 conifer trees.
(b) Sample 27 plots (9 grade/ 18 count); (c) Other goals (Determine "automark" thinning standards; X Determine log grades for sale value; Determine snag and leave tree species and sizes.

B. Cruise Design:

1. Plot Cruises: BAF 40.0

Unit 1: Cruise Line Direction: 90/270°
Cruise Line Spacing 5 (chains) 330 (Feet)
Cruise Plot Spacing 3 (chains) 198 (Feet)
Grade/Count Ratio 2:1

Take plots as marked on cruise map.

Grade minor species (true fir, spruce, cedar, maple, etc.) on count plots if encountered.

DO NOT: record any 22' log lengths, or any 12', 24', or 32' log lengths for hardwoods.

DO NOT: record snags < 15" DBH or record snag measurements 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 red cedar); NF (Noble fir); GF (Grand 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, or R = Camp Run; 0 = Cull.
All Maple Camp Run = R
- **Oversize Spruce 2 saw or better- measure bole height to 27" outside bark. Record separately.**
Bars = : 4"at 66', 3"at 50', and 2"at 33'.

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

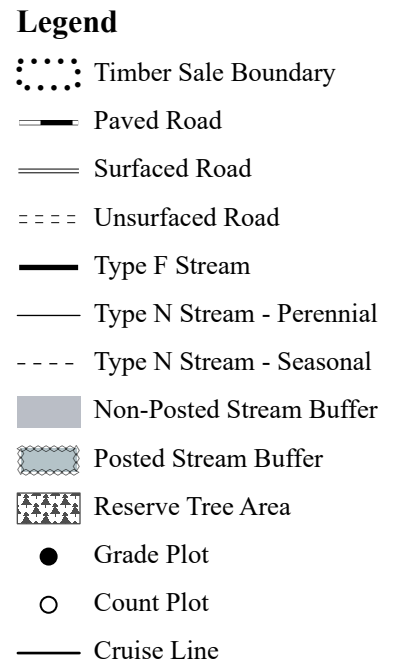
7. **Deductions**: Estimate visible defect or damage as a "length deduction" (most often), or as a "diameter deduction," as applicable. Estimate hidden defect and breakage (usually some breakage is encountered in trees > 100 feet in height) on a "per tree" basis. Steep and broken topography generally results in higher breakage percentages than gentler topography, and hemlock generally breaks more than D-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, Logger's Tape (with dbh on back), Compass, Allegro II Data Recorder, Cruise Design, Cruise Map, Yellow Flagging, Blue Flagging, Yellow Paint, Permanent Marker.
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: John Tillotson
Approved by: John Tillotson
Date: 12/30/2024

Unit 1 (40 BAF)

Count Plots: 18
Grade Plots: 9
Total Plots: 27

0 375 750 1,500 Feet



CRUISE DESIGN ASTORIA DISTRICT

Sale Name: Simply Simmons Resale

Unit U2

Harvest Type: Modified Clearcut

Approx. Cruise Acres: 76 **Estimated CV%** 60 Net BF/Acre **SE% Objective** 10% Net BF/Acre

Planned Sale Volume: 2,795 MBF **Estimated Sale Area Value/Acre:** \$26,250/Acre

A. Cruise Goals: (a) Grade minimum 60 conifer trees.
(b) Sample 20 plots (9 grade/ 11 count); (c) Other goals (____ Determine "automark" thinning standards; X Determine log grades for sale value; ____ Determine snag and leave tree species and sizes.

B. Cruise Design:

1. Plot Cruises: BAF (Conifer) 33.36
BAF (Hardwood) 33.36

Unit 1:

Cruise Line Direction: 90/270°
Cruise Line Spacing 4 (chains) 264 (Feet)
Cruise Plot Spacing 2 (chains) 132 (Feet)
Grade/Count Ratio 1:1

Take plots as marked on cruise map.

Grade minor species (true fir, spruce, cedar, maple, etc.) on count plots if encountered.

DO NOT: record any 22' log lengths, or any 12', 24', or 32' log lengths for hardwoods.

DO NOT: record snags < 15" DBH or record snag measurements on count plots.

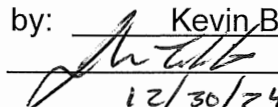
C. Tree Measurements:

- 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 red cedar); NF (Noble fir); GF (Grand 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, or R = Camp Run; 0 = Cull.
All Maple Camp Run = R
- D. 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 D-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, Logger's Tape (with dbh on back), Compass, Allegro II Data Recorder, Cruise Design, Cruise Map, Yellow Flagging, Blue Flagging, Yellow Paint, Permanent Marker.
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: Kevin Berry
Approved by: 
Date: 12/30/24

TIMBER CRUISE MAP

N



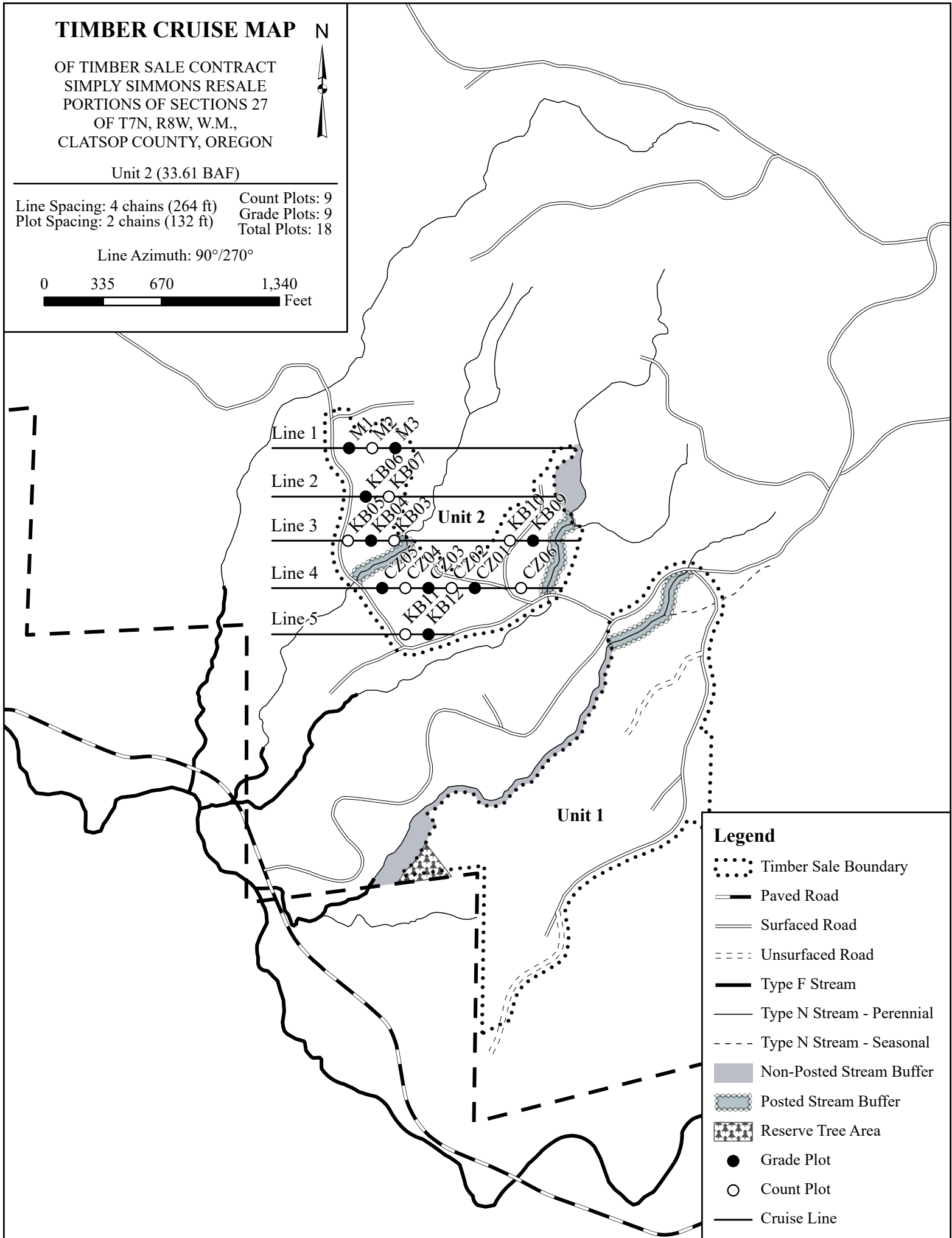
OF TIMBER SALE CONTRACT
SIMPLY SIMMONS RESALE
PORTIONS OF SECTIONS 27
OF T7N, R8W, W.M.,
CLATSOP COUNTY, OREGON

Unit 2 (33.61 BAF)

Line Spacing: 4 chains (264 ft) Count Plots: 9
Plot Spacing: 2 chains (132 ft) Grade Plots: 9
Total Plots: 18

Line Azimuth: 90°/270°

0 335 670 1,340
Feet



Legend

- Timber Sale Boundary
- Paved Road
- Surfaced Road
- Unsurfaced Road
- Type F Stream
- Type N Stream - Perennial
- Type N Stream - Seasonal
- Non-Posted Stream Buffer
- Posted Stream Buffer
- Reserve Tree Area
- Grade Plot
- Count Plot
- Cruise Line

State, County: OR	CLATSOP	Lths: ACI-2023	Species: CLATSOP	Page: 1/2
Project: SSIM		#Plots 27	Sort: ODF-C.CUT	Date: 01/06/2026
Tract: U1		# Trees: 113	Grade: ODF-C.CUT	Cruised: 12/30/2024
Stand: 00MC		# Measured Trees: 39	Price: ACI-2018	Grown To:
Acres: 37.00		# Count Trees: 74	Cost: ACI-2023	Edited: 12/26/2025

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	9	39	4.33	15.165	561	6.95
Basal DBH Count Plots (B)	18	74	4.11	31.363	1,160	6.38

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
S SPRUCE		20	27.8	96	21.109	88.89	16.86	55.8	11.4	87	37.94	17.224	1,404	637
WHEMLOCK		5	20.3	58	15.851	35.56	7.90	86.8	25.1	35	13.61	5.374	504	199
DOUG FIR		12	29.3	133	8.536	40.00	7.39	75.0	20.8	48	19.68	8.728	728	323
R ALDER		2	22.9	71	1.033	2.96	0.62			2	1.00	.341	37	13
		39	25.7	90	46.528	167.41	32.77	41.5	8.0	173	72.23	31.667	2,672	1,172

Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

					per-Acre Range			Plots Required for SE%				Total Volume Range		
Measured Unit	SD	CL	CV%	SE%	Low	Avg	High	5%	10%	15%	Low	Avg	High	
Net Mbf (1000 BdFt)	1.00	68.26	41.52	7.99	29.14	31.67	34.20	68	17	7	1,078	1,172	1,265	
Net Ccf (100 CuFt)	1.00	68.26	40.09	7.72	66.65	72.23	77.80	64	16	7	2,466	2,672	2,879	
Net Tons	1.00	68.26	41.34	7.96	158.93	172.67	186.41	68	17	7	5,880	6,389	6,897	
Basal Area	1.00	68.26	39.78	7.66	154.59	167.41	180.22	63	15	7				
Trees	1.00	68.26	63.39	12.20	40.85	46.53	52.20	160	40	17				

					per-Tree Range			Sample Trees Required		
Sample Trees BF	1.00	68.26	51.40	6.06	834	887	941	105	26	11
Sample Trees CF	1.00	68.26	42.64	5.02	187	197	206	72	18	8

Trees per Plot	Number Required		
Required Measured Trees per Plot - BdFt per Acre	1	1	1
Required Measured Trees per Plot - CuFt per Acre	1	1	1

Statistics of Sampled Population

State, County: OR

Lths: ACI-2023

Species: CLATSOP

Page: 2/2

Project: SSIM

#Plots 18

Sort: ODF-C.CUT

Date: 01/06/2026

Tract: U2

Trees: 125

Grade: ODF-C.CUT

Cruised: 12/01/2024

Stand: 00MC

Measured Trees: 61

Price: ACI-2018

Grown To:

Acres: 17.00

Count Trees: 64

Cost: ACI-2023

Edited: 01/06/2026

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	9	61	6.78	89.668	1,524	4.00
Basal DBH Count Plots (B)	9	64	7.11	86.505	1,470	4.35

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR		42	13.7	68	146.618	149.38	40.41	33.8	8.7	106	43.86	14.512	746	247
WHEMLOCK		10	22.2	81	11.762	31.74	6.73	86.1	28.7	29	11.25	3.677	191	63
S SPRUCE		8	27.0	63	11.716	46.68	8.98	53.1	17.7	35	15.32	5.206	260	89
R ALDER		1	13.0	81	6.077	5.60	1.55			5	1.94	.608	33	10
		61	15.6	69	176.173	233.40	57.67	25.9	6.1	175	72.38	24.003	1,230	408

Confidence Level (CL) 68.26 out of 100.

Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

Measured Unit	SD	CL	CV%	SE%	per-Acre Range			Plots Required for SE%			Total Volume Range		
					Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	25.89	6.10	22.54	24.00	25.47	26	6	2	383	408	433
Net Ccf (100 CuFt)	1.00	68.26	24.33	5.74	68.23	72.38	76.53	23	5	2	1,160	1,230	1,301
Net Tons	1.00	68.26	24.50	5.77	165.15	175.28	185.40	24	6	2	2,808	2,980	3,152
Basal Area	1.00	68.26	22.35	5.27	221.11	233.40	245.70	19	4	2			
Trees	1.00	68.26	35.65	8.40	161.37	176.17	190.98	50	12	5			

	SD	CL	CV%	SE%	per-Tree Range			Sample Trees Required		
					Low	Avg	High	5%	10%	15%
Sample Trees BF	1.00	68.26	124.58	13.93	218	253	289	620	155	68
Sample Trees CF	1.00	68.26	113.77	12.72	66	75	85	517	129	57

Trees per Plot								Number Required		
Required Measured Trees per Plot - BdFt per Acre								23	25	34
Required Measured Trees per Plot - CuFt per Acre								22	25	28

Stand Summary Report

State, County: OR CLATSOP

Lths & Dias: ACI-2023

Species CLATSOP

Page: 1/2

Project: SSIM

Plots: 45

Sort: ODF-C.CUT

Date: 01/06/2026

Tract: U1 : U2

Trees: 238

Grade: ODF-C.CUT

Cruised:

Stand: 00MC

Measured Trees: 100

Price: ACI-2018

Grown To:

Acres: 54.00

Count Trees: 138

Cost: ACI-2023

Edited:

Spp	St	Dbh	Smpl Trees	Avg Age	Avg FF	Avg Total Ht	Trees /Ac	BA /Ac	Logs /Ac	Ht/D Inches	Net Per Log		Net Per Acre			BdFt Def %	Total Net		
											CuFt	BdFt	Tons	CuFt	BdFt		Tons	Ccf	Mbf
D		8	1	45	92	48	1.684	0.59	1.684	71.9	6	20		10	34	0.0	13	5	2
D		9	1	45	86	20	1.331	0.59	1.331	26.3	5	20		7	27	0.0	9	4	1
D		10	2	45	87	26	2.272	1.18	2.272	31.9	7	20		16	45	0.0	21	9	2
D		11	2	45	87	47	1.868	1.18	1.868	52.2	12	35	1	22	65	0.0	29	12	4
D		12	4	45	86	78	2.994	2.35	3.742	78.4	17	56	2	64	210	3.6	84	35	11
D		13	5	45	86	77	3.189	2.94	5.102	71.1	17	55	2	84	281	2.3	110	45	15
D		14	5	45	87	69	24.674	25.28	38.642	60.5	19	64	18	749	2,478	2.3	976	404	134
D		15	5	45	86	82	2.395	2.94	4.790	65.3	20	72	2	94	345	1.4	122	51	19
D		16	4	45	85	87	1.712	2.35	3.423	65.8	24	78	2	81	269	6.5	106	44	15
D		17	3	45	85	76	1.119	1.76	2.238	54.0	24	70	1	53	157	7.1	70	29	8
D		18	5	45	87	86	1.663	2.94	3.326	57.0	31	102	2	101	339	1.0	132	55	18
D		19	2	45	85	80	0.597	1.18	1.194	50.2	32	105	1	38	125	0.0	50	21	7
D		20	1	45	86	88	0.269	0.59	0.539	52.7	38	115		20	62	0.0	26	11	3
D		23	2	64	84	118	0.556	1.60	1.463	61.4	47	179	2	69	261	0.0	90	37	14
D		24	1	45	86	82	0.187	0.59	0.374	41.0	51	165		19	62	0.0	25	10	3
D		25	1	75	86	143	0.298	1.02	0.893	68.5	60	250	1	54	223	0.0	70	29	12
D		26	1	75	86	119	0.275	1.02	1.101	54.9	39	183	1	43	201	0.0	56	23	11
D		27	1	75	81	115	0.255	1.02	0.766	51.1	57	217	1	43	166	0.0	57	23	9
D		28	1	75	86	131	0.237	1.02	0.712	56.1	70	297	1	50	211	0.0	65	27	11
D		29	0	75	84	133	3.249	15.23	10.262	54.6	73	324	18	749	3,322	0.7	977	405	179
D		31	1	75	83	137	0.194	1.02	0.581	53.2	88	403	1	51	234	0.0	67	28	13
D		32	3	75	85	137	0.545	3.05	1.636	51.2	94	420	4	153	687	2.1	200	83	37
D		33	1	75	81	128	0.171	1.02	0.513	46.6	91	363	1	47	186	1.8	61	25	10
D		37	2	75	85	154	0.272	2.03	0.952	49.9	116	587	3	110	559	0.0	144	59	30
D			54	48	86	75	52.006	74.43	89.404	59.4	31	118	66	2,729	10,549	1.4	3,559	1,474	570
S		16	1	45	74	46	0.421	0.59	0.421	34.6	31	60		13	25	0.0	16	7	1
S		18	1	75	83	46	0.574	1.02	0.574	30.6	37	60		21	34	0.0	26	11	2
S		20	1	75	85	52	0.465	1.02	0.465	31.0	51	90	1	24	42	0.0	29	13	2
S		23	2	64	89	99	0.556	1.60	1.259	51.7	56	231	2	71	291	0.0	88	38	16
S		26	3	68	86	67	0.710	2.62	1.145	31.0	72	214	2	83	244	1.3	103	45	13
S		27	2	50	81	72	3.019	12.02	4.965	32.1	87	313	10	430	1,554	6.9	534	232	84
S		28	0	75	85	96	9.642	40.60	24.365	41.6	71	323	40	1,733	7,868	0.8	2,152	936	425
S		29	1	75	86	100	0.221	1.02	0.664	41.3	64	307	1	42	204	0.0	53	23	11
S		30	3	75	84	115	0.620	3.05	1.861	46.1	74	356	3	138	662	1.6	172	75	36
S		31	4	70	83	106	0.693	3.63	2.355	40.9	63	303	3	149	714	0.0	185	80	39
S		32	4	70	84	120	0.651	3.63	2.210	45.1	78	388	4	172	857	0.4	214	93	46
S		33	1	75	83	124	0.171	1.02	0.513	45.1	95	460	1	49	236	4.3	60	26	13
S		36	1	45	68	66	0.083	0.59	0.166	21.9	105	275		17	46	0.0	22	9	2
S		38	1	75	83	133	0.129	1.02	0.516	42.0	101	540	1	52	278	1.4	65	28	15
S		43	1	75	81	109	0.101	1.02	0.302	30.4	139	713	1	42	215	0.0	52	23	12
S		44	1	45	78	88	0.056	0.59	0.111	24.1	192	695		21	77	16.5	26	12	4
S		52	1	45	89	91	0.040	0.59	0.080	21.0	313	1,160	1	25	92	29.7	31	13	5
S			28	69	84	90	18.152	75.60	41.972	39.2	73	320	71	3,082	13,441	1.8	3,827	1,664	726
H		12	1	75	86	25	1.292	1.02	1.292	25.3	10	20		13	26	0.0	18	7	1
H		17	1	45	89	82	0.373	0.59	0.746	58.0	29	105	1	21	78	0.0	30	11	4
H		18	1	45	86	95	0.333	0.59	0.665	63.2	38	110	1	25	73	18.2	35	13	4
H		19	1	45	89	92	0.299	0.59	0.597	58.1	42	150	1	25	90	0.0	35	14	5
H		20	0	75	85	58	8.598	19.29	13.733	34.5	54	212	19	738	2,915	0.0	1,037	399	157
H		22	0	45	86	81	1.525	4.11	3.049	43.7	48	156	4	146	477	6.2	205	79	26

Stand Summary Report

State, County: OR CLATSOP

Lths & Dias: ACI-2023

Species CLATSOP

Page: 2/2

Project: SSIM

Plots: 45

Sort: ODF-C.CUT

Date: 01/06/2026

Tract: U1 : U2

Trees: 238

Grade: ODF-C.CUT

Cruised:

Stand: 00MC

Measured Trees: 100

Price: ACI-2018

Grown To:

Acres: 54.00

Count Trees: 138

Cost: ACI-2023

Edited:

Spp	St	Dbh	Smpl Trees	Avg Age	Avg FF	Avg Total Ht	Trees /Ac	BA /Ac	Logs /Ac	Ht/D Inches	Net Per Log		Net Per Acre			BdFt Def %	Total Net		
											CuFt	BdFt	Tons	CuFt	BdFt		Tons	Ccf	Mbf
H		23	1	75	86	87	0.352	1.02	0.704	45.5	56	205	1	39	144	0.0	55	21	8
H		24	4	45	85	76	0.748	2.35	1.497	37.8	54	176	2	81	264	7.1	113	44	14
H		25	1	45	86	81	0.172	0.59	0.345	38.7	63	225	1	22	78	0.0	31	12	4
H		27	1	45	78	67	0.148	0.59	0.296	29.6	59	130		17	38	15.4	24	9	2
H		28	2	75	83	111	0.475	2.03	1.187	47.7	80	330	2	95	392	0.0	133	51	21
H		32	1	45	82	63	0.105	0.59	0.211	23.6	82	285		17	60	7.0	24	9	3
H		36	1	75	81	110	0.144	1.02	0.431	36.7	110	477	1	47	205	0.0	66	26	11
H			15	67	85	64	14.564	34.36	24.752	37.2	52	196	33	1,287	4,840	1.5	1,807	695	261
A		13	1	45	87	81	1.913	1.76	3.826	74.6	16	50	2	61	191	0.0	83	33	10
A		22	1	75	87	63	0.385	1.02	0.769	34.3	41	140	1	31	108	7.1	42	17	6
A		24	1	75	87	81	0.323	1.02	0.646	40.5	58	195	1	37	126	5.1	50	20	7
A			3	53	87	78	2.621	3.79	5.242	64.5	25	81	3	130	425	3.2	175	70	23
Stands/Project:			100	56	86	76	87.342	188.18	161.369	51.7	45	181	173	7,227	29,255	1.6	9,368	3,903	1,580

Log Stock - Mbf by Species, Sort, Grade, Len, Dia Class

State, County: OR CLATSOP

Lths And Dias ACI-2023

Species: CLATSOP

Page: 1/2

Project: SSIM

Plots: 45

Sort: ODF-C.CUT

Date: 01/06/2026

Tract: U1 : U2

Trees: 238

Grade: ODF-C.CUT

Cruised:

Stand: 00MC

Measured Trees: 100

Price: ACI-2018

Grown To:

Acres: 54.00

Count Trees: 138

Cost: ACI-2023

Edited:

Species	Stat	Srt	Grd	Log Len Class	Gross Mbf	% Def	Net Mbf	% Spp	BdFt Per Acre	Net Mbf by Scaling Diameter in Inches							
										2-4	5-7	8-12	13-18	19-26	27-32	32-40	41-99
D		DO	2S	12-15	8	.0	8	1.4	142					8			
D		DO	2S	32-35	22	.0	22	4.0	415				5	18			
D		DO	2S	40+	268	.8	266	47.1	4,919				29	102	135		
D		DO	3S	16-21	1	.0	1	0.2	17		1						
D		DO	3S	24-27	10	.0	10	1.8	183				10				
D		DO	3S	28-31	3	.0	3	0.5	56		1		2				
D		DO	3S	32-35	63	2.0	61	10.9	1,139		8		54				
D		DO	3S	36-39	7	.0	7	1.2	121				7				
D		DO	3S	40+	128	2.7	125	22.2	2,311		19		74	32			
D		DO	4S	12-15	1	.0	1	0.2	18		1						
D		DO	4S	16-21	29	.0	29	5.1	533		24		5				
D		DO	4S	24-27	14	.0	14	2.5	259		12		2				
D		DO	4S	28-31	13	3.2	13	2.3	240		11		2				
D		DO	4S	32-35	5	13.1	4	0.8	80		4						
D Total					571	1.4	564	35.9	10,435		80		189	134	160		
S		DO	2S	12-15	96	.0	96	13.4	1,787					72	24		
S		DO	2S	16-21	68	.0	68	9.4	1,262					40	16	13	
S		DO	2S	32-35	26	8.4	23	3.3	435					14	9		
S		DO	2S	40+	292	1.0	289	40.0	5,348				9	83	197		
S		DO	3S	16-21	1	.0	1	0.1	18				1				
S		DO	3S	24-27	17	.0	17	2.4	316				6	11			
S		DO	3S	28-31	7	.0	7	1.0	133					7			
S		DO	3S	32-35	11	.0	11	1.5	204		4			7			
S		DO	3S	36-39	26	1.3	25	3.5	470		6		13	7			
S		DO	3S	40+	173	4.0	166	23.0	3,082				34	70	48		13
S		DO	4S	12-15	4	.0	4	0.6	76				4				
S		DO	4S	16-21	8	.0	8	1.2	157				8				
S		DO	4S	24-27	3	.0	3	0.4	50				3				
S		DO	4S	32-35	3	27.3	2	0.3	40					2			
S Total					735	1.8	722	46.0	13,377		10		79	180	378	49	26
H		DO	2S	28-31	13	.0	13	5.0	241				13				
H		DO	2S	32-35	21	1.9	20	7.7	373				5	10	5		
H		DO	2S	40+	145	1.8	143	54.6	2,643				5	57	81		
H		DO	3S	16-21	1	.0	1	0.4	22				1				
H		DO	3S	28-31	8	.0	8	3.0	147		7		1				
H		DO	3S	32-35	5	6.8	4	1.6	78		4						
H		DO	3S	36-39	9	6.3	8	3.1	149				5	3			
H		DO	3S	40+	51	.0	51	19.4	938					51			
H		DO	4S	16-21	13	.0	13	5.2	250		7		6				
H Total					265	1.5	261	16.6	4,840		18		24	133	86		

Log Stock - Mbf by Species, Sort, Grade, Len, Dia Class

State, County: OR CLATSOP

Lths And Dias ACI-2023

Species: CLATSOP

Page: 2/2

Project: SSIM

Plots: 45

Sort: ODF-C.CUT

Date: 01/06/2026

Tract: U1 : U2

Trees: 238

Grade: ODF-C.CUT

Cruised:

Stand: 00MC

Measured Trees: 100

Price: ACI-2018

Grown To:

Acres: 54.00

Count Trees: 138

Cost: ACI-2023

Edited:

Species	Stat us	Srt	Grd	Log Len Class	Gross Mbf	% Def	Net Mbf	% Spp	BdFt Per Acre	Net Mbf by Scaling Diameter in Inches							
										2-4	5-7	8-12	13-18	19-26	27-32	32-40	41-99
A		DO	1S	24-27	5	7.7	5	21.7	92				5				
A		DO	1S	40+	6	5.6	6	25.8	110				6				
A		DO	2S	28-31	7	.0	7	31.5	134			7					
A		DO	4S	16-21	3	.0	3	13.5	57		3						
A		DO	4S	24-27	1	.0	1	3.6	15		1						
A		DO	4S	28-31	1	.0	1	3.8	16		1						
A		Total			24	3.2	23	1.5	425		5	7	11				
Stand(s)/Project Totals					1,596	1.6	1,570	100.0	29,077								
Percent Measured Tree Net Mbf =								100.0			113	298	458	624	49		26

Statistics of Sampled Population

State, County: OR CLATSOP

Lths: ACI-2023

Species: CLATSOP

Page: 1/1

Project: SSIM

#Plots 45

Sort: ODF-C.CUT

Date: 01/06/2026

Tract: U1 : U2

Trees: 238

Grade: ODF-C.CUT

Cruised:

Stand: 00MC

Measured Trees: 100

Price: ACI-2018

Grown To:

Acres: 54.00

Count Trees: 138

Cost: ACI-2023

Edited:

Sample data collection information

	Total Plots	Sample Trees	Trees /Plot	Trees /Acre	Est Total Trees	% Sample Trees
Basal Plots (B)	18	100	5.56	38.620	2,085	4.80
Basal DBH Count Plots (B)	27	138	5.11	48.723	2,631	5.25

Stand Summary - Averages

Species Group	St	Sample Tres	QM Dbh	Avg Total Ht	Trees /Acre	Basal Area /Acre	RD %	Mbf CV %	Mbf SE %	Tons /Acre	Net Ccf /Acre	Net Mbf /Acre	Total Net Ccf	Total Net Mbf
DOUG FIR		54	16.2	75	52.006	74.43	18.49	67.5	12.8	66	27.29	10.549	1,474	570
S SPRUCE		28	27.6	90	18.152	75.60	14.38	67.7	11.8	71	30.82	13.441	1,664	726
WHEMLOCK		15	20.8	64	14.564	34.36	7.53	99.1	21.6	33	12.87	4.840	695	261
R ALDER		3	16.3	78	2.621	3.79	0.94	80.0	40.0	3	1.30	.425	70	23
		100	19.9	76	87.342	188.18	41.35	50.2	7.5	173	72.27	29.255	3,903	1,580

Confidence Level (CL) 68.26 out of 100.

Standard Deviation (SD) 1.00

Coefficient of Variation % (CV) and Stand Error of Estimate % (SE) are both computed from plot data

Measured Unit	SD	CL	CV%	SE%	per-Acre Range			Plots Required for SE%			Total Volume Range		
					Low	Avg	High	5%	10%	15%	Low	Avg	High
Net Mbf (1000 BdFt)	1.00	68.26	50.20	7.48	27.07	29.25	31.44	100	25	11	1,462	1,580	1,698
Net Ccf (100 CuFt)	1.00	68.26	41.05	6.12	67.85	72.27	76.70	67	16	7	3,664	3,903	4,142
Net Tons	1.00	68.26	41.68	6.21	162.71	173.49	184.27	69	17	7	8,786	9,368	9,951
Basal Area	1.00	68.26	33.95	5.06	178.66	188.18	197.71	46	11	5			
Trees	1.00	68.26	66.86	9.97	78.64	87.34	96.05	178	44	19			

					per-Tree Range			Sample Trees Required		
					Low	Avg	High	Low	Avg	High
Sample Trees BF	1.00	68.26	90.44	7.34	513	554	594	327	81	36
Sample Trees CF	1.00	68.26	78.44	6.36	124	133	141	246	61	27

Trees per Plot					Number Required		
Required Measured Trees per Plot - BdFt per Acre					3	3	3
Required Measured Trees per Plot - CuFt per Acre					3	3	3

Species, Sort, Grade - Mbfb by Species, Sort, Grade; Summarized: Len, Dia Classes

State, County: OR CLATSOP

Lths and Dias: ACI-2023

Species: CLATSOP

Page: 1/1

Project: SSIM

Plots: 45

Sort: ODF-C.CUT

Date: 01/06/2026

Tract: U1 : U2

Trees: 238

Grade: ODF-C.CUT

Cruised:

Stand: 00MC

Meas Trees: 100

Price: ACI-2018

Grown:

Acres: 54.00

Count Trees: 138

Cost: ACI-2023

Edited:

Species Stat				Srt		Grd	% Net BdFt	BdFt per Acre				Total Net Mbfb	Percent (%) of Net BdFt Volume														Average Log				Logs /Acre																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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								% Def	Gross	Net			2-4	5-7	8-12	13-18	19-26	27-32	32-40	41-99	Log Length							Len (Ft)	Dia (In)	BdFt /Len		CuFt /Len																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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LOGGING PLAN MAP

OF TIMBER SALE CONTRACT

NO. AT-341-2026-W0118601

SIMPLY SIMMONS RESALE

PORTIONS OF SECTION

27 OF T7N, R8W, W.M.,

CLATSOP COUNTY, OREGON

Logging Breakdown Ground Cable Acres

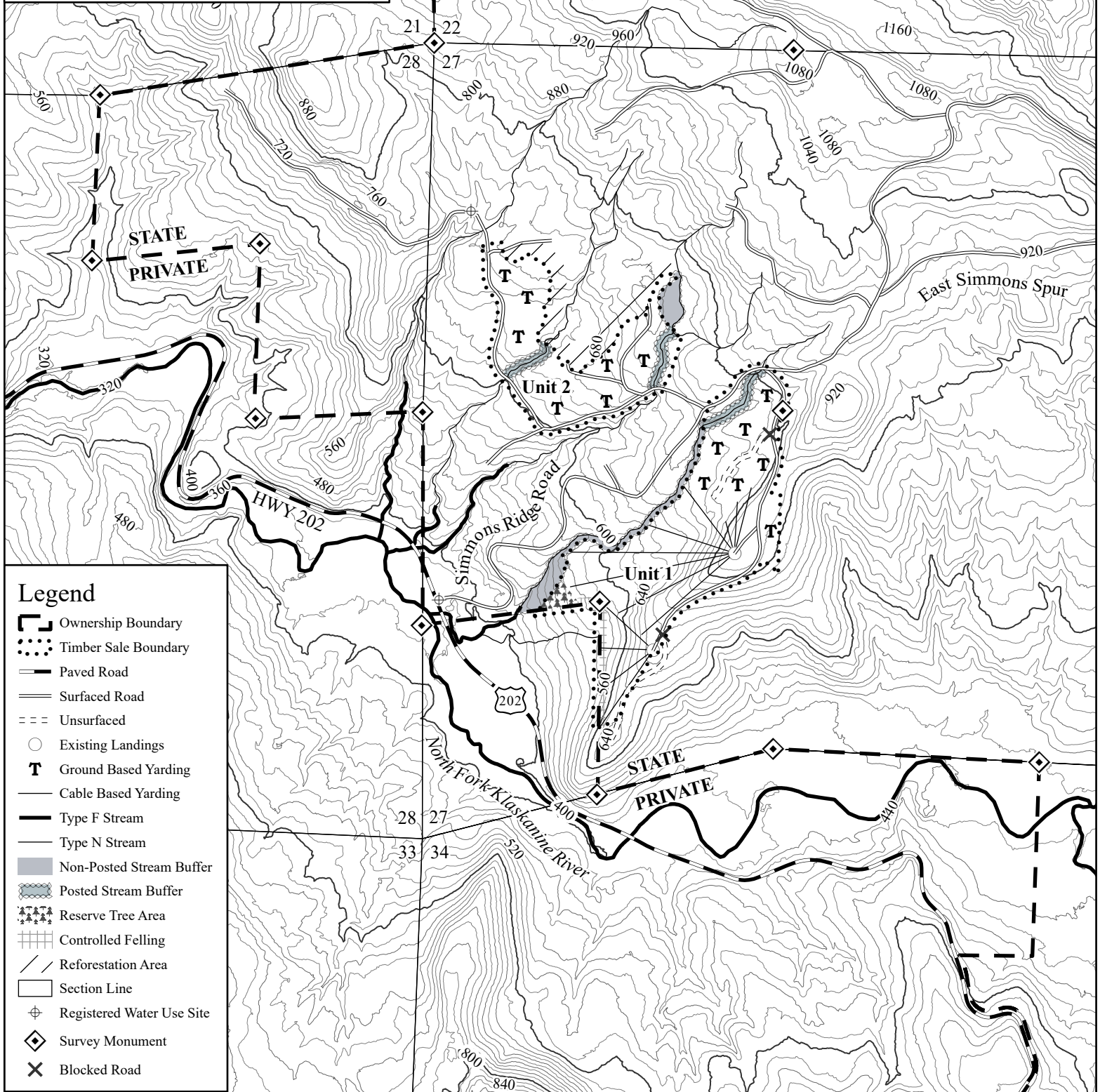
Unit 1 (MC) 35% 65% 37

Unit 2 (MC) 100% 0% 17

Total 56% 44% 54

0 500 1,000 2,000 US Feet

1 Inch = 1,000 feet



Legend

- Ownership Boundary
- Timber Sale Boundary
- Paved Road
- Surfaced Road
- Unsurfaced
- Existing Landings
- Ground Based Yarding
- Cable Based Yarding
- Type F Stream
- Type N Stream
- Non-Posted Stream Buffer
- Posted Stream Buffer
- Reserve Tree Area
- Controlled Felling
- Reforestation Area
- Section Line
- Registered Water Use Site
- Survey Monument
- Blocked Road