



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Simply Simmons
Sale AT-341-2025-W01186-01

District: Astoria

Date: January 09, 2025

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$630,938.92	\$27,280.96	\$658,219.88
		Project Work:	(\$55,413.00)
		Advertised Value:	\$602,806.88



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Date: January 09, 2025

Timber Description

Location:

Stand Stocking: 60%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	17	0	97
Western Hemlock / Fir	18	0	97
Sitka Spruce	29	0	97
Alder (Red)	17	0	95

Volume by Grade	2S	3S & 4S 6" - 11"	3S 12"+	Camprun	8" - 9"	10" - 11"	12"+	6" - 7"	Total
Douglas - Fir	395	211	0	0	0	0	0	0	606
Western Hemlock / Fir	305	126	0	0	0	0	0	0	431
Sitka Spruce	924	148	144	128	0	0	0	0	1,344
Alder (Red)	0	0	0	0	23	25	41	23	112
Total	1,624	485	144	128	23	25	41	23	2,493

Comments: Pond Values Used: Local Pond Values, January, 2025.

Expected Log Markets: Clatskanie, Warrenton, Forest Grove, Tillamook, Mist, Wauna, Coquille, Longview, WA, and Chehalis, WA.

PRICING:

Western Red Cedar stumpage = pond value - (Douglas-fir) logging cost.
 $\$937.37/\text{MBF} = \$1,200/\text{MBF} - \$262.63/\text{MBF}$

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) = \$18,350.00

ROAD MAINTENANCE

(See attached Road Maintenance Cost Summary Sheet)

TOTAL Road Maintenance: $\$17,394/2,493 \text{ MBF} = \$6.98/\text{MBF}$



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Logging Conditions

Combination#: 1

Douglas - Fir	26.00%
Western Hemlock / Fir	26.00%
Sitka Spruce	26.00%
Alder (Red)	26.00%

Logging System: Cable: Medium Tower >40 - <70 **Process:** Stroke Delimber

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

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

loads / day: 10 **bd. ft / load:** 4600

cost / mbf: \$173.44

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

Combination#: 2

Douglas - Fir	74.00%
Western Hemlock / Fir	74.00%
Sitka Spruce	74.00%
Alder (Red)	74.00%

Logging System: Shovel **Process:** Feller Buncher

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

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

loads / day: 20 **bd. ft / load:** 4600

cost / mbf: \$108.70

machines: Feller Buncher w/ Delimber



"STEWARDSHIP IN FORESTRY"

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Simply Simmons
Sale AT-341-2025-W01186-01

District: Astoria

Date: January 09, 2025

Logging Costs

Operating Seasons: 3.00

Profit Risk: 10%

Project Costs: \$55,413.00

Other Costs (P/R): \$2,344.00

Slash Disposal: \$18,350.00

Other Costs: \$0.00

Miles of Road

Road Maintenance: \$6.98

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	3.0	4.7
Western Hemlock / Fir	\$0.00	3.0	4.6
Sitka Spruce	\$0.00	2.0	4.7
Alder (Red)	\$0.00	3.0	4.0



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Simply Simmons Sale AT-341-2025-W01186-01

District: Astoria

Date: January 09, 2025

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
\$125.53	\$7.19	\$5.28	\$91.31	\$0.94	\$23.02	\$7.36	\$2.00	\$0.00	\$262.63
Western Hemlock / Fir									
\$125.53	\$7.19	\$5.28	\$93.30	\$0.94	\$23.22	\$7.36	\$2.00	\$0.00	\$264.82
Sitka Spruce									
\$125.53	\$7.19	\$5.28	\$136.97	\$0.94	\$27.59	\$7.36	\$2.00	\$0.00	\$312.86
Alder (Red)									
\$125.53	\$7.33	\$5.28	\$109.38	\$0.94	\$24.85	\$7.36	\$2.00	\$0.00	\$282.67

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$727.37	\$464.74	\$0.00
Western Hemlock / Fir	\$0.00	\$513.54	\$248.72	\$0.00
Sitka Spruce	\$0.00	\$493.00	\$180.14	\$0.00
Alder (Red)	\$0.00	\$526.25	\$243.58	\$0.00



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District: Astoria

Date: January 09, 2025

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

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	606	\$464.74	\$281,632.44
Western Hemlock / Fir	431	\$248.72	\$107,198.32
Sitka Spruce	1,344	\$180.14	\$242,108.16
Alder (Red)	112	\$243.58	\$27,280.96

Gross Timber Sale Value

Recovery: \$658,219.88

Prepared By: Avery Petersen

Phone: 503-325-5451

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

Date: 12/11/2024

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
3	MC	C	38	68	\$145.00	\$9,918.00
				FALSE	\$145.00	\$0.00
				In-unit Piling	Sub Total =	\$14,282.50
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	4	24	\$1,160.00	76	\$5.00	\$380.00
2	5	0	\$0.00	13.5	\$5.00	\$67.50
3	6	0	\$0.00	234	\$5.00	\$1,170.00
			FALSE	0	\$5.00	\$0.00
*Cost includes separating firewood				Materials	Sub Total =	\$1,617.50
Additional Move-in allowance				Landing Piling	Sub Total =	\$1,160.00
Move-In Allowance	Number of Move-In's	Total Move-In Allowance				
\$1,290.00	1	\$1,290.00				
				Move-In	Sub Total =	\$1,290.00
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 =	\$18,350.00

Road Maintenance Cost Summary (Interim and Post Harvest)

Sale: Simply Simmons
Date: January 7th, 2025
By: Ryan Simpson CB

MBF: 2,493
\$\$/MBF: \$6.98

Type	Equipment/Rationale	Move-in Rate	Times	Hours	Rate	Cost
Interim Road Maintenance	Grader 14G	\$972	1	8	\$126	\$1,980
	Rubber tired backhoe	\$401	1	4	\$97	\$789
	Dump Truck 12CY	\$205	1	4	\$99	\$601
	Vibratory Roller	\$972	1	4	\$97	\$1,360
Final Road Maintenance	Grader 14G	\$972	1	16	\$126	\$2,988
	Dump Truck 12CY	\$205	2	16	\$99	\$1,994
	FE Loader C966	\$931	1	8	\$108	\$1,795
	Vibratory Roller	\$972	1	16	\$97	\$2,524
	Water Truck 2,500 gallon	\$238	1	8	\$113	\$1,142
	C315 Excavator	\$1,005	1	8	\$127	\$2,021
	Labor			4	\$50	\$200
Total						\$17,394

Interim Operations Road Maintenance

Production Rates	Miles/day	Distance (miles)	Days	Hours
Grader	2.5	1.5	0.6	5

Final Road Maintenance

Production Rates	Miles/day	Distance (miles)	Days	Hours
Grader	1.8	3.5	2.0	16
Vibratory Roller	1.8	3.5	2.0	16

Process and compact: All crushed rock roads

Simmons Ridge Road:	1.3 Miles
Unnamed Spurs:	2.2 Miles
Grade & Process Total:	3.5 Miles

SUMMARY OF ALL PROJECT COSTS

SALE NAME: Simply Simmons

Project No. 1: ROAD CONSTRUCTION:

<u>Road segment</u>	<u>Length (Sta)</u>	<u>Length (Mile)</u>	<u>Cost</u>
3A to 3B, 3C to 3D	2.00	0.04	\$1,961.96
Road Maint.			\$21.16
Move-In			\$343.64
TOTALS	2.00	0.04	\$2,327

Project No. 2: ROAD IMPROVEMENT:

<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	\$44,762.74
Road Maint.			\$482.84
Move-In			\$7,840.36
TOTALS	200.80	3.80	\$53,086

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 **\$55,413**

Compiled By: D. Farner CB

Date: 12/20/2024

Move In and Maintenance Calculator for Construction and Improvement

SALE NAME: Simply Simmons

Project No. 1: ROAD CONSTRUCTION:

<u>Road segment</u>	<u>Length/Sta</u>	<u>Length/Mile</u>	<u>Cost</u>
3A to 3B, 3C to 3D	2.00	0.04	\$1,962
TOTALS	2.00	0.04	\$1,962

Project No. 2: ROAD IMPROVEMENT:

<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	\$44,762.74
TOTALS	200.80	3.80	\$44,763

MOVE IN (Construction & Improvement Only)

<u>Equipment</u>	<u>Length/Mile</u>	<u>Cost</u>
Vibratory Roller		\$972.00
D6 Dozer		\$972.00
C315 Excavator		\$1,005.00
C330 Excavator		\$1,755.00
C966 Loader		\$972.00
14G Grader		\$972.00
Water Truck (2,500 gal.)		\$238.00
10-12 yrd Dump truck (x4)		\$820.00
20 yrd Dump truck w/ pup (x2)		\$478.00
TOTAL		\$8,184.00

ROAD MAINTENANCE (Construction & Improvement Only)

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

SUMMARY OF CONSTRUCTION COSTS

SALE NAME: Simply Simmons
 ROAD: 3A to 3B (1.0 sta.), 3C to 3D (1.0 sta.)
 POINTS: 3A to 3B (1.0 sta.), 3C to 3D (1.0 sta.)
 NEW CONSTRUCTION: 2.00 STATIONS
 IMPROVEMENT: 200.80 STATIONS
 0.04 MILES
 3.80 MILES

CLEARING & GRUBBING				
Method	Acres/amount	x	Rate	= Cost
3A to 3B				
Scatter outside Right of Way \$/Acre	0.09	x	\$ 1,669	\$150.21
3C to 3D				
Scatter outside Right of Way \$/Acre	0.09	x	\$ 1,669	\$150.21
SUB TOTAL FOR CLEARING & GRUBBING				\$300

EXCAVATION				
Material	Cy/amount	x	Rate	= Cost
3A to 3B				
Balanced Construction \$/Sta.	1	x	\$238.00	\$238.00
3C to 3D				
Balanced Construction \$/Sta.	1	x	\$238.00	\$238.00
SUB TOTAL FOR EXCAVATION				\$476

CULVERT MATERIALS AND INSTALLATION					
Location	Dia/type	Lineal ft.	Rate	Cost	
				\$0.00	\$0.00
				\$0.00	\$0.00
				\$0.00	\$0.00
CULVERT MATERIALS & INSTALLATION					
Description		Quantity	Rate	Cost	
Other/miscellaneous:					
Culvert stakes & markers:				\$0.00	
SUB TOTAL FOR CULVERT MATERIALS & INSTALLATION					\$0
Subtotal of Clearing, Exc., Culv.					\$776

SURFACING									
Subgrade prep:									
Description									
Stations/ amount									
Rate/ sta/amt									
Cost									
Grade, Shape and Ditch 16' 3A to 3B (1.0 sta.) and 3C to 3D (1.0 sta.)									
2.00									
x									
\$30.98									
\$61.96									
Subgrade Compaction 3A to 3B (1.0 sta.) and 3C to 3D (1.0 sta.)									
2.00									
x									
\$25.19									
\$50.38									

ROAD SEGMENT		3A to 3B		POINT TO POINT		Sta. to Sta.		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost
Application	Rock Size and Type	Location	Depth of Rock (inches)	3A to 3B	0+00 to 1+00	Number	of			
				Volume (CY) per station	75	1.00	stations	75	\$3.39	\$254
Total Rock for Road Segment:				3A to 3B				75		\$254

ROAD SEGMENT		3C to 3D		POINT TO POINT		Sta. to Sta.		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost
Application	Rock Size and Type	Location	Depth of Rock (inches)	3C to 3D	0+00 to 1+00	Number	of			
				Volume (CY) per station	75	1.00	stations	75	\$3.39	\$254
Total Rock for Road Segment:				3C to 3D				75		\$254

Processing:		Description		No sta	Rate/sta	Cost
		Compact Pit-Run Rock (with D8): 3A to 3B and 3C to 3D		2	\$39.35	\$78.70

SUB TOTAL FOR SURFACING				Total	
				150	

\$700

Processing:						
		Description	No.sta	Rate/sta	Cost	
		Compact Pit-Run Rock (with D8): 3A to 3B and 3C to 3D	2	\$39.35	\$78.70	

	6"-0"pr	4"-0"	1 1/2"-0"	Total
	150	crushed	crushed	150

SPECIAL PROJECTS				
		Description	Cost	
		Develop 6"-0" pit run-rock	\$/Yrd	150 \$ 486.00
SUB TOTAL FOR SPECIAL PROJECTS				\$486
			Subtotal of Surfacing & Spec. Proj.	\$1,186
			Subtotal of Clearing, Exc., Culv.	\$776
GRAND TOTAL				\$1,962

Subtotal of Surfacing & Spec. Proj.	\$1,786
Subtotal of Clearing, Exc., Culv.	\$776

Compiled By: _____ Date: 12/20/2024

SUMMARY OF CONSTRUCTION COSTS

SALE NAME: Simply Simmons	NEW CONSTRUCTION: 2.00 STATIONS	0.04 MILES
ROAD: 11 to 12(94.4 sta.), 13 to 14(27.35 sta.), 15 to 16(7.5 sta.),	IMPROVEMENT: 200.80 STATIONS	3.80 MILES
POINTS: 17 to 18(4.5 sta.), 19 to 110(25.25 sta.), 111 to 112(2.4 sta.),		
113 to 114(15 sta.), 115 to 116(24.2 sta.)		

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

EXCAVATION					
Material	Cyl/amount	X	Rate	=	Cost
15 to 16					
1+00 Construct turnaround.					
Remove trees and debris.	C315 hrs./\$ 2.0	X	\$127.00	=	\$254.00
19 to 110					
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
111 to 112					
2+40 Remove trees and debris.					
Clear landing.	C315 hrs./\$ 1.00	X	\$127.00	=	\$127.00
113 to 114					
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	Dial/type	Lineal ft.	Rate	Cost	
113 to 114					
6+95 18 CPP	40		\$29.73	\$1,189.20	
					\$0.00

Other/Miscellaneous:					
Description	Quantity	Rate	Cost		
Culvert stakes & markers:	2	\$25.53	\$51.06		
			\$0.00		
SUB TOTAL FOR CULVERT MATERIALS & INSTALLATION					
				\$1,240	
Subtotal of Clearing, Exc., Culv.					
				\$2,764	

SURFACING									
Subgrade prep:			Description			Stations/ amount	x	Rate/ sta/amt	Cost
			Grade, Shape and Ditch 16'			11 to 12(94.4 sta.), 13 to 14(27.35 sta.), 15 to 16(7.5 sta.), 17 to 18(4.5 sta.), 19 to 110(25.25 sta.), 111 to 112(2.4 sta.), 113 to 114(15 sta.), 115 to 116(0+00 to 11+00(11 sta.))	105.65	x	\$30.98
			Subgrade Compaction			11 to 12(94.4 sta.), 13 to 14(27.35 sta.), 15 to 16(7.5 sta.), 17 to 18(4.5 sta.), 19 to 110(25.25 sta.), 111 to 112(2.4 sta.), 113 to 114(15 sta.), 115 to 116(0+00 to 11+00(11 sta.))	105.65	x	\$25.19
			Sod Removal			79.05	x	\$40.27	\$3,183.34
			(Grader w/ Backhoe to scatter)						
ROAD SEGMENT 11 to 12									
Application	Rock Size and Type	Location	Depth of Rock (inches)	POINT TO POINT		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost	
				11 to 12	Sta. to Sta. 0+00 to 94+40				
				Volume (CY) per	Number of				
Surface Leveling Rock (Hunt Cr.)	3/4"-0" crushed	0+00 to 16+00, 38+00 to 42+00	2	station load 13	20	260	\$26.73	\$6,950	
	3/4"-0" crushed	16+00 to 38+00	N/A		7	77	\$26.73	\$2,058	
	3/4"-0" crushed	4+15, 10+50(2), 14+30	N/A	turnout	4	44	\$26.73	\$1,176	
Turnouts (Hunt Cr.)				turnaround	1	11	\$26.73	\$294	
Turnaround (Hunt Cr.)				turnout	1	11	\$3.39	\$37	
Total Rock for Road Segment:						403		\$10,515	
ROAD SEGMENT 13 to 14									
Application	Rock Size and Type	Location	Depth of Rock (inches)	POINT TO POINT		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost	
				13 to 14	Sta. to Sta. 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	3	33	\$26.73	\$882	
Total Rock for Road Segment:						33			
ROAD SEGMENT 15 to 16									
Application	Rock Size and Type	Location	Depth of Rock (inches)	POINT TO POINT		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost	
				15 to 16	Sta. to Sta. 0+00 to 7+50				
				Volume (CY) per	Number of				
Leveling Rock	4"-0" crushed	0+00 to 7+50	N/A	load 11	6	66	\$3.39	\$224	
Turnaround	4"-0" crushed	1+00	N/A	turnaround	1	44	\$3.39	\$149	
Total Rock for Road Segment:						110		\$373	
ROAD SEGMENT 17 to 18									
Application	Rock Size and Type	Location	Depth of Rock (inches)	POINT TO POINT		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost	
				17 to 18	Sta. to Sta. 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	4	44	\$3.39	\$149	
Total Rock for Road Segment:						44		\$149	
ROAD SEGMENT 19 to 110									
Application	Rock Size and Type	Location	Depth of Rock (inches)	POINT TO POINT		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost	
				19 to 110	Sta. to Sta. 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	5.4	70	\$26.73	\$1,876	
Surfacing	1 1/2"-0" crushed	5+40 to 25+25	2	station 13	19.85	258	\$3.39	\$875	
Turnaround	4"-0" crushed	5+40	N/A	turnaround	1	22	\$3.39	\$75	
Turnaround	4"-0" crushed	22+30	N/A	turnaround	1	33	\$3.39	\$112	
Landings	6"-0" pit-run	25+25	N/A	landings 66	1	66	\$3.39	\$224	
Total Rock for Road Segment:						449		\$3,161	
ROAD SEGMENT 111 to 112									
Application	Rock Size and Type	Location	Depth of Rock (inches)	POINT TO POINT		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost	
				111 to 112	Sta. to Sta. 0+00 to 2+40				
				Volume (CY) per	Number of				
Surfacing	4"-0" crushed	0+00 to 2+40	4	station 25	2.4	60	\$3.39	\$203	
Junctions	4"-0" crushed	0+00	N/A	junction 22	1	22	\$3.39	\$75	
Landings	6"-0" pit-run	2+40	N/A	landings 66	1	66	\$3.39	\$224	
Total Rock for Road Segment:						148		\$502	

ROAD SEGMENT															
Application	Rock Size and Type	Location	Depth of Rock (inches)	POINT TO POINT		Sta. to Sta.		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost					
				113 to 114		0+00 to 15+00									
Surfacing	4"-0" crushed	0+00 to 15+00	4	station	25	stations	15	37.5	\$3.39	\$1,271					
Turnouts	4"-0" crushed	6+35	N/A	turnout	11	turnouts	1	11	\$3.39	\$37					
Turnaround	4"-0" crushed	11+60	N/A	turnaround	33	turnaround	1	33	\$3.39	\$112					
Culvert Bedding/Backfill	3/4"-0" crushed	6+95	N/A	load	33	loads	1	33	\$3.39	\$112					
Rock Ditch Filters	6"-4" pit-run	8+50, 10+30	N/A	3 filter series	11	3 filter series	2	22	\$3.39	\$75					
Total Rock for Road Segment:				113 to 114				47.4		\$1,607					
ROAD SEGMENT															
Application	Rock Size and Type	Location	Depth of Rock (inches)	POINT TO POINT		Sta. to Sta.		TOTAL VOLUME (CY)	Rate/ Sta./ amt.	Cost					
				115 to 116		0+00 to 24+40									
Surfacing	4"-0" crushed	0+00 to 3+50	4	station	25	stations	3.5	88	\$3.39	\$297					
Surfacing	1 1/2"-0" crushed	3+50 to 11+00	2	station	13	stations	7.5	98	\$3.39	\$331					
Turnouts	1 1/2"-0" crushed	3+75	N/A	turnout	11	turnouts	1	11	\$3.39	\$37					
Turnaround	1 1/2"-0" crushed	11+00	N/A	turnaround	11	turnaround	1	11	\$3.39	\$37					
Total Rock for Road Segment:				115 to 116				207		\$702					
Processing: Water, Process & Compact:										No sta	Rate/sta	Cost			
Grade & Compact:										11 to 12(94.4 sta.), 13 to 14(27.35 sta.), 19 to 110(25.25 sta.),					
										111 to 112(2.4 sta.), 113 to 114(15 sta.), 115 to 116(0+00 to 11+00(11 sta.)),	175.40	\$70.47	\$12,360		
										15 to 16(7.5 sta.), 17 to 18(4.5 sta.), 115 to 116(11+00 to 24+40(13.4 sta.))	25.40	\$73.86	\$1,876		
										6"-4"-pr	6"-0"pr	4"-0" crushed	1 1/2"-0" crushed	3/4"-0" crushed	
										22	132	809	378	528	1,868
SUB TOTAL FOR SURFACING															
SPECIAL PROJECTS															
										Description		Cy/Amount	Rate	Cost	
										pit-run development		154	\$3.24	\$498.96	
										waterbar and Quarry drainage (315 exca./hrs.)		2	\$127.00	\$254.00	
SUB TOTAL FOR SPECIAL PROJECTS															
GRAND TOTAL															

Compiled By: _____ Date: 12/20/2024

D. Farner

Projects Road Maintenance Cost Summary

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

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

CRUSHED ROCK COST

SALE NAME:	Simply Simmons
PROJECT:	#1 and #2
Stockpile:	Simmons Stockpile

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

DATE: 01/03/2025
BY: D. Farner

[illegible]

ROCK HAUL:

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

Ave haul:	\$2.53	/cy
Load:	\$0.33	/cy
Spread:	\$0.53	/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 = 1,878

CRUSHED ROCK HAUL COSTS 1,523 cy @ \$3.39 /cy

SIMPLY SIMMONS TIMBER CRUISE REPORT FY 2026

1. **Sale Area Location:** Portions of Sections 22 and 27 of T7N, R8W, W.M., Clatsop County, OR.
2. **Fund Distribution:** BOF 100% Tax Code: 1-08, 1-02
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
3	Modified Clearcut	52	3	2	9	<1	--	38	GIS
4	R/W	<1	-	-	-	-	--	<1	
TOTALS		116	10	5	9	<1	--	92	

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:

Units 1 and 3: Units 1 and 3 were variable plot cruised with a 40 BAF for conifer species and hardwood species. A total of 57 plots were sampled on a five by three chain spacing with a grade to count ratio of 1:2, resulting in 20 grade plots and 37 count plots.

Unit 2: Unit 2 was variable plot cruised with a 33.36 BAF for conifer species and hardwood species. A total of 20 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 11 count plots

Unit 4 (R/W): Right-of-way consists of two new spur roads within Unit 3, totaling approximately one tenth acre. Volumes from the Units 1 and 3 cruise are applied to the Unit 4 Right-of-way.

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
1-3	SSIM	U13	00MC	76
2	SSIM	U2	00MC	16

6. Timber Description:

Units 1 and 3 are modified clearcuts with an average age of 78 years. The stands consists of Douglas-fir, red alder, western hemlock, and Sitka spruce. The average take Douglas-fir is approximately 28 inches DBH and 101 feet to a merchantable top. The average red alder is approximately 17 inches DBH and 50 feet to a merchantable top. The average western hemlock is approximately 18 inches DBH and 37 feet to a merchantable top. The average Sitka spruce is approximately 29 inches DBH and 79 feet to a merchantable top. Average net volume to be harvested per acre is 28 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 46 feet to a merchantable top. The average red alder is approximately 13 inches DBH and 55 feet to a merchantable top. The average western hemlock is approximately 22 inches DBH and 67 feet to a merchantable top. The average Sitka spruce is approximately 27 inches DBH and 49 feet to a merchantable top. Average net volume to be harvested per acre is 25 MBF. All trees were cruised to a merchantable top of six inches DIB, 40% of form point, or an otherwise anticipated break point.

Unit 4 (R/W) is similar to the timber description above in Unit 1-3. Average net volume to be harvested per acre is 28 MBF.

7. Statistical Analysis and Stand Summary:

Statistics for Stand B.F. volumes

Unit	Estimated CV	Target SE%	Actual CV	Actual SE%
1-3	60.0%	10.0%	44.8%	5.9%
2	60.0%	10.0%	25.3%	6.1%

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 24"+	2 Saw	3 Saw 12"+	3 Saw	4 Saw	% D & B	% Sale
Douglas-fir	17"	606	--	395	--	164	47	1.3%	25%
western hemlock	18"	431	--	305	--	94	32	1.0%	17%
Sitka spruce	29"	1,344	128	924	144	141	7	0.8%	54%
TOTALS	--	2,381	128*	1,624	144	399	86	--	--

*2S and better grades of SS greater than 24" are separated out to allow for different pricing due to long haul distances to facilities that process this type of log.

Hardwood

Species	DBH	Net Vol.	12"+	10"-11"	8"-9"	6"-7"	% D & B	% Sale
red alder	17"	112	41	25	23	23	2.0%	4%
TOTALS	--	112	41	25	23	23	--	--

TOTAL VOLUME	2,493 MBF
---------------------	------------------

9. Approvals:

Prepared by: Avery Petersen Date: 01/09/2025

Unit Forester Approval: JL W/LK

Date: 1/22/2025

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

**CRUISE DESIGN
ASTORIA DISTRICT**

Sale Name: Simply Simmons

Units U1 and 3

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 57 plots (20 grade/ 37 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) 40.0
BAF (Hardwood) 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.

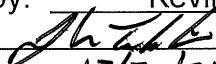
6. Species, Sort, and Grade Codes:

- 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: Kevin Berry
Approved by: 
Date: 12/30/24

TIMBER CRUISE MAP

1

OF TIMBER SALE CONTRACT

NO. AT-341-2025-W01186-01

SIMPLY SIMMONS

PORTIONS OF SECTIONS 22 & 27

OF T7N, R8W, W.M.,

CLATSOP COUNTY, OREGON

Units 1 & 3 (40 BAF)

Line Spacing: 5 chains (330 ft)
Plot Spacing: 3 chains (198 ft)

Count Plots: 37
Grade Plots: 20
Total Plots: 57

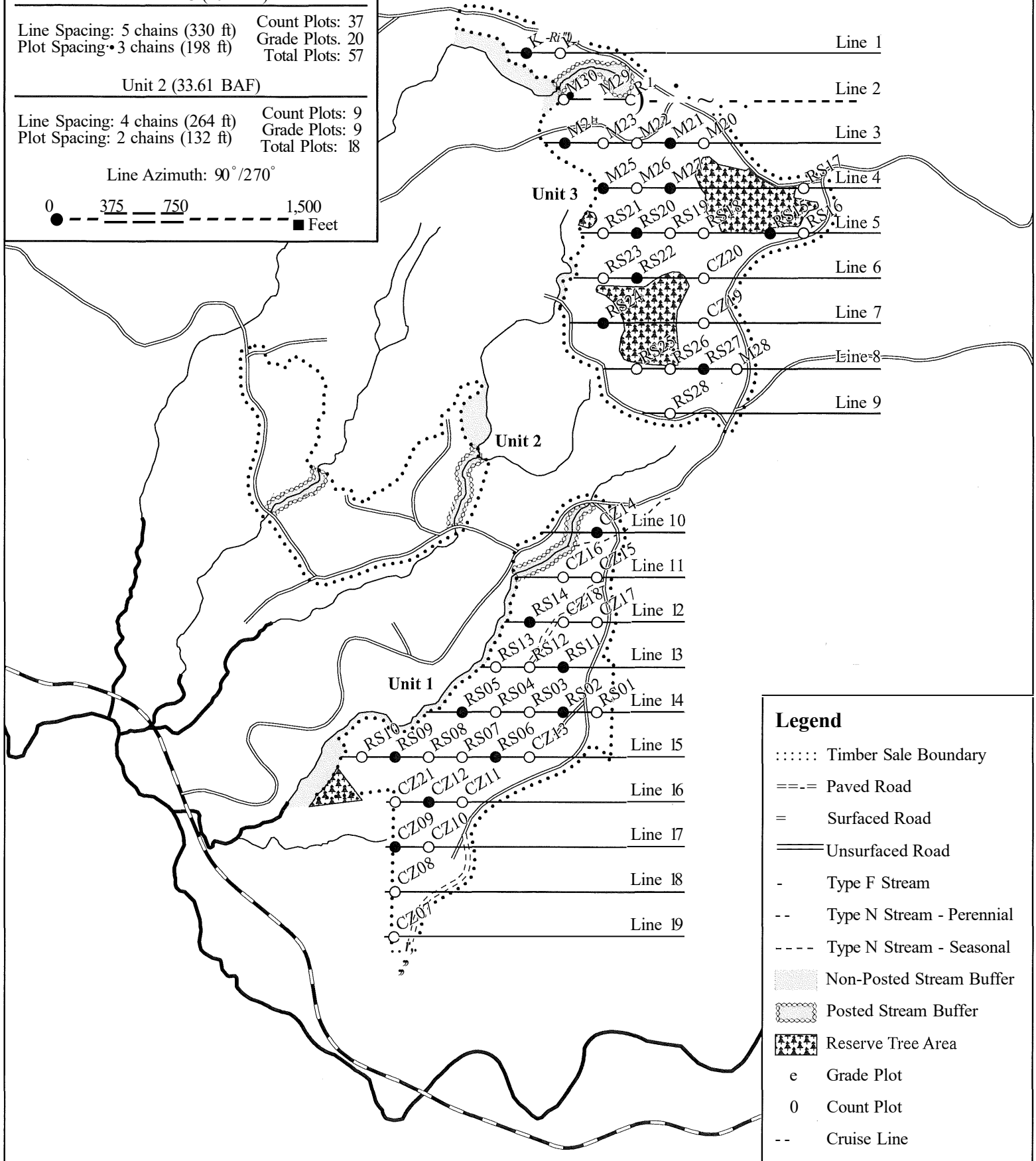
Unit 2 (33.61 BAF)

Line Spacing: 4 chains (264 ft)
Plot Spacing: 2 chains (132 ft)

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

Line Azimuth: 90°/270°

0 375 750 1,500 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
- e Grade Plot
- 0 Count Plot
- Cruise Line

**CRUISE DESIGN
ASTORIA DISTRICT**

Sale Name: Simply Simmons

Units 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) 198 (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 $>$ 2½" 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: _____

TIMBER CRUISE MAP

OF TIMBER SALE CONTRACT

NO. AT-341-2025-W0 1186-01

SIMPLY SIMMONS

PORTIONS OF SECTIONS 22 & 27

OF T7N, R8W, W.M.,

CLATSOP COUNTY, OREGON

N



Units 1 & 3 (40 BAF)

Line Spacing: 5 chains (330 ft) Count Plots: 37
Plot Spacing: 3 chains (198 ft) Grade Plots: 20
Total Plots: 57

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°

0 375 750 1,500
---c:===---Feet

Line 1

Line 2

Line 3

Line 4

Line 5

Unit 1

Unit 2

Unit 3

Legend

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

TC PSCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																	
T07N R08W S22 Ty00MC76.00 T07N R08W S22 Ty00MC16.00		Project: SSIM										Page 1							
		Acres 92.00										Date 1/14/2025							
												Time 7:36:42AM							
S Spp	So Gr T rt ad	% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent of Net Board Foot Volume								Average Log				Logs Per /Acre
		Def%	Gross	Net	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		
S	DOCU																		
S	DO2S	78	.4	11,483	11,434	1,052			5	95	27	2	8	63	31	21	587	3.70	
S	DO3S	21	1.8	3,154	3,098	285			36	20	44	5	5	12	34	11	204	1.87	
S	DO4S	1		72	72	7			100					100	14	9	30	0.75	
S Totals		54	.7	14,708	14,604	1,344			8	8	84	23	2	9	66	31	16	388 2.78	
D	DOCU														5	22		0.00	
D	DO2S	65	.7	4,326	4,297	395			3	37	60	3		8	38	16	420	2.49	
D	DO3S	27	2.4	1,828	1,785	164			100			3	11	28	35	9	94	0.81	
D	DO4S	8	1.9	522	512	47	6	94				49	43	8	21	6	26	0.42	
D Totals		24	1.2	6,676	6,595	606 607	0	36	24	39	7	6	13	74	30	9	133 1.14		
H	DOCU														6	19		0.00	
H	DO2S	70	.9	3,340	3,311	305				37	63	5	3	14	36	16	397	2.65	
H	DO3S	22	1.8	1,044	1,025	94			96	4		5	28	20	32	9	88	1.03	
H	DO4S	8		343	343	32			100					100	17	7	27	0.51	
H Totals		17	1.0	4,727	4,679	431 430			28	27	45	12	8	14	66	27	10	140 1.44	
A	DO1S	25	6.2	327	307	28				100			43		57	32	16	304 2.34	
A	DO2S	34		414	414	38			67	33			70		30	33	11	142 1.20	
A	DO3S	20		245	245	23			100				100			30	9	67 0.79	
A	DO4S	21		253	253	23			100			44	56			23	7	31 0.53	
A Totals		5	1.6	1,240	1,219	112			64	36		9	66		24	27	9	77 0.89	
Totals			0.9	27,351	27,098	2,493	0	21	16	63	16	7	11	66	29	11	199 1.66		

T		Species, Sort Grade - Board Foot Volumes (Type)														Page		1				
TSPCSTGR		Project: SSIM														Date		1/14/2025				
																Time		7:37:08AM				
T07N R08W S22 T00MC										T07N R08W S22 T00MC												
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt													
07N	08W	22	U13 TAKE	00MC	76.00	57	79	1	W													
S So Gr Spp T rt ad			%	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent Net Board Foot Volume								Average Log				Logs Per /Acre		
			Net BdFt					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		
S	DO	CU																7	22		0.00	.5
S	DO	2S	80	.4	13,527	13,468	1,024					5	95	28	1	7	63	31	21	588	3.70	22.9
S	DO	3S	19	.3	3,144	3,136	238			39	21	40		4	6	10	80	34	11	198	1.74	15.8
S	DO	4S	1		81	81	6			100				100				15	9	32	0.75	2.6
S	Totals		60	.4	16,752	16,685	1,268			8	8	85		24	2	8	66	31	17	399	2.78	41.9
H	DO	CU																6	18		0.00	.7
H	DO	2S	69		3,407	3,407	259				25	75		6	4	11	80	36	17	439	2.85	7.8
H	DO	3S	22	1.7	1,120	1,101	84			100				5	24	18	53	33	9	91	1.06	12.1
H	DO	4S	9		394	394	30			100				100				17	7	27	0.49	14.7
H	Totals		18	.4	4,921	4,902	373			30	18	52		13	8	11	68	26	10	139	1.44	35.2
D	DO	CU																5	22		0.00	.8
D	DO	2S	90	.7	4,784	4,750	361				34	66		3		7	89	38	17	467	2.71	10.2
D	DO	3S	9		464	464	35			100				14	34	8	43	30	9	86	0.92	5.4
D	DO	4S	1		35	35	3			100				100				18	7	30	0.57	1.2
D	Totals		19	.7	5,283	5,249	399			10	31	60		5	3	7	85	33	14	300	2.11	17.5
A	DO	1S	34	6.2	396	372	28				100				43		57	32	16	304	2.34	1.2
A	DO	2S	45		502	502	38			67	33				70		30	33	11	142	1.20	3.5
A	DO	3S	3		28	28	2			100					100			28	8	50	0.93	.6
A	DO	4S	18		191	191	15			100				10	90			24	6	31	0.57	6.1
A	Totals		4	2.2	1,117	1,092	83			51	49			2	65		33	28	9	96	1.03	11.4
Type Totals				.5	28,072	27,928	2,123			14	15	71		17	6	8	69	29	13	263	2.08	106.0

T TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)												Page 1					
		Project: SSIM												Date 1/22/2025					
														Time 7:16:01AM					
T07N R08W S22 T00MC										T07N R08W S22 T00MC									
Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees	CuFt	BdFt										
07N	08W	22	U2 TAKE	00MC	16.00	20	61	1	W										
S So Gr Spp T rt ad		% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log		Logs Per /Acre		
							Log Scale Dia.				Log Length				Ln	Dia		Bd	CF/ Lf
			Def%	Gross	Net		4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In		Ft	Lf
D	DO	2S		2,148	2,148	34		30	70			12	88	39	12	205	1.49	10.5	
D	DO	3S	3.0	8,307	8,060	129		100				5	34	36	9	96	0.78	83.6	
D	DO	4S	2.0	2,839	2,781	44	7	93		46	46	8		22	6	26	0.41	108.7	
D Totals		56	2.3	13,294	12,989	208	1	87	12	10	13	25	52	28	7	64	0.68	202.8	
S	DO	CU												7	36		0.00	.9	
S	DO	2S		1,769	1,769	28		19	81		19	46	35	30	19	546	3.85	3.2	
S	DO	3S	8.8	3,200	2,919	47	21	14	65	10		22	68	33	12	244	2.71	12.0	
S	DO	4S		31	31	0	100			100				12	8	20	0.83	1.5	
S Totals		20	5.6	5,000	4,720	76	14	16	70	7	7	31	55	29	14	267	2.82	17.7	
H	DO	CU												8	22		0.00	.8	
H	DO	2S	5.5	3,020	2,852	46		100				31	69	37	14	259	1.98	11.0	
H	DO	3S	2.6	682	664	11	67	33			63	37		31	8	72	0.82	9.2	
H	DO	4S		105	105	2	100			100				19	7	31	0.86	3.4	
H Totals		16	4.9	3,807	3,622	58	15	85		3	11	32	54	31	11	148	1.44	24.5	
A	DO	3S		1,276	1,276	20	100			100				30	9	70	0.77	18.2	
A	DO	4S		547	547	9	100			100				20	7	30	0.45	18.2	
A Totals		8		1,823	1,823	29	100			30	70			25	8	50	0.64	36.5	
Type Totals			3.2	23,924	23,153	370	1	62	23	14	10	16	25	49	28	8	82	0.89	281.4

TC PSTATS				PROJECT STATISTICS				PAGE	1			
				PROJECT	SSIM	DATE				1/14/2025		
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt			
07N	08	22	U13 TAKE	00MC	92.00	77	370	1	W			
07N	08W	22	U2 TAKE	00MC								
				TREES	ESTIMATED	PERCENT						
				PER PLOT	TOTAL	SAMPLE						
					TREES	TREES						
TOTAL			77	370	4.8							
CRUISE			29	140	4.8	7,217	1.9					
DBH COUNT												
REFOREST												
COUNT			48	230	4.8							
BLANKS												
100 %												
STAND SUMMARY												
SAMPLE			TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET	
TREES			/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC	
DOUG FIR			55	27.8	17.1	56	10.7	44.3	6,676	6,595	1,686	1,686
S SPRUCE			49	16.1	29.0	75	13.7	74.0	14,708	14,604	3,212	3,212
WHEMLOCK			27	23.6	18.1	40	9.9	42.1	4,727	4,679	1,297	1,297
R ALDER			7	8.7	15.7	52	2.9	11.6	1,240	1,219	374	374
SNAG			2	2.2	16.9	61	0.8	3.5				
TOTAL			140	78.4	20.2	55	39.0	175.4	27,351	27,098	6,568	6,568
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			131.5	17.7	286	348	409					
S SPRUCE			63.8	9.1	1,156	1,272	1,387					
WHEMLOCK			88.4	17.3	321	389	456					
R ALDER			66.6	27.1	142	194	247					
SNAG												
TOTAL			109.6	9.3	605	666	728	480	120	53		
CL	68.1	COEFF	SAMPLE TREES - CF				# OF TREES REQ.		INF. POP.			
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15			
DOUG FIR			112.3	15.1	73	86	100					
S SPRUCE			55.1	7.9	249	270	291					
WHEMLOCK			72.9	14.3	91	106	121					
R ALDER			61.4	25.0	44	58	72					
SNAG												
TOTAL			93.8	7.9	140	152	164	351	88	39		
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			174.1	19.8	22	28	33					
S SPRUCE			86.6	9.9	15	16	18					
WHEMLOCK			146.9	16.7	20	24	28					
R ALDER			250.2	28.5	6	9	11					
SNAG			374.4	42.6	1	2	3					
TOTAL			61.4	7.0	73	78	84	151	38	17		
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			139.5	15.9	37	44	51					
S SPRUCE			81.6	9.3	67	74	81					
WHEMLOCK			131.9	15.0	36	42	48					
R ALDER			252.8	28.8	8	12	15					
SNAG			346.3	39.4	2	3	5					
TOTAL			41.7	4.7	167	175	184	69	17	8		

PROJECT STATISTICS

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
07N	08	22	U13 TAKE	00MC	92.00	77	370	1	W
07N	08W	22	U2 TAKE	00MC					

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		153.7	17.5	5,441	6,595	7,749			
S SPRUCE		90.3	10.3	13,103	14,604	16,105			
WHEMLOCK		131.6	15.0	3,978	4,679	5,381			
R ALDER		260.4	29.7	858	1,219	1,581			
SNAG									
TOTAL		51.6	5.9	25,506	27,098	28,689	106	27	12

CL	68.1	COEFF	NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR. %	S.E. %	LOW	AVG	HIGH	5	10	15
DOUG FIR		146.1	16.6	1,405	1,686	1,966			
S SPRUCE		85.5	9.7	2,899	3,212	3,524			
WHEMLOCK		129.8	14.8	1,105	1,297	1,489			
R ALDER		256.6	29.2	265	374	483			
SNAG									
TOTAL		45.3	5.2	6,230	6,568	6,907	82	20	9

TC TSTATS				STATISTICS				PAGE	1		
				PROJECT	SSIM	DATE				1/22/2025	
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt		
07N	08W	22	U13	00MC	76.00	57	240	1	W		
				TREES	ESTIMATED	PERCENT					
				PER PLOT	TOTAL	SAMPLE					
					TREES	TREES					
TOTAL		57	240	4.2							
CRUISE		20	83	4.2	4,491	1.8					
DBH COUNT											
REFOREST											
COUNT		37	157	4.2							
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	
S SPRUCE		41	17.1	29.3	79	14.8	80.0	16,752	16,685	3,582	
WHEMLOCK		17	26.1	17.6	37	10.5	44.2	4,921	4,902	1,339	
DOUG FIR		13	5.9	28.1	101	4.8	25.3	5,283	5,249	1,214	
R ALDER		6	6.7	17.0	50	2.6	10.5	1,117	1,092	330	
SNAG		2	2.7	16.9	61	1.0	4.2				
SPRUCELV		3	.6	30.0	63	0.5	2.8	502	478	115	
HEMLEAV		1	.1	41.0	78	0.1	.7	129	129	29	
TOTAL		83	59.1	22.8	59	35.1	167.7	28,703	28,534	6,610	
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	
S SPRUCE		58.2	9.1	1,241	1,364	1,488					
WHEMLOCK		101.1	25.3	317	425	532					
DOUG FIR		45.4	13.1	911	1,048	1,185					
R ALDER		64.0	28.5	150	210	270					
SNAG											
SPRUCELV		72.8	50.3	735	1,480	2,225					
HEMLEAV											
TOTAL		78.0	8.6	927	1,014	1,101	243	61	27		
CL:	68.1 %	COEFF		SAMPLE TREES - CF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
S SPRUCE		52.0	8.1	259	282	305					
WHEMLOCK		87.9	22.0	85	109	133					
DOUG FIR		38.4	11.1	211	237	264					
R ALDER		59.3	26.4	46	62	79					
SNAG											
SPRUCELV		70.7	48.9	180	352	524					
HEMLEAV											
TOTAL		69.6	7.6	204	220	237	193	48	21		
CL:	68.1 %	COEFF		TREES/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
S SPRUCE		73.0	9.7	15	17	19					
WHEMLOCK		131.3	17.4	22	26	31					
DOUG FIR		183.3	24.3	4	6	7					
R ALDER		265.1	35.1	4	7	9					
SNAG		318.7	42.2	2	3	4					
SPRUCELV		502.8	66.5	0	1	1					
HEMLEAV		755.0	99.9	0	0	0					
TOTAL		65.5	8.7	54	59	64	172	43	19		
CL:	68.1 %	COEFF		BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	

TC TSTATS				STATISTICS			PAGE	2	
				PROJECT	SSIM		DATE	1/22/2025	
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
07N	08W	22	U13	00MC	76.00	57	240	1	W
CL: 68.1 %	COEFF		BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR.	S.E. %	LOW	AVG	HIGH	5	10	15	
S SPRUCE	66.8	8.8	73	80	87				
WHEMLOCK	122.9	16.3	37	44	51				
DOUG FIR	188.4	24.9	19	25	32				
R ALDER	264.1	35.0	7	11	14				
SNAG	294.1	38.9	3	4	6				
SPRUCELV	455.4	60.3	1	3	4				
HEMLEAV	755.0	99.9	0	1	1				
TOTAL	<i>41.9</i>	<i>5.5</i>	<i>158</i>	<i>168</i>	<i>177</i>	<i>70</i>	<i>18</i>	<i>8</i>	
CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR. %	S.E. %	LOW	AVG	HIGH	5	10	15	
S SPRUCE	69.5	9.2	15,150	16,685	18,220				
WHEMLOCK	121.8	16.1	4,112	4,902	5,692				
DOUG FIR	190.5	25.2	3,925	5,249	6,572				
R ALDER	275.0	36.4	695	1,092	1,490				
SNAG									
SPRUCELV	435.1	57.6	203	478	752				
HEMLEAV	755.0	99.9	0	129	257				
TOTAL	<i>42.9</i>	<i>5.7</i>	<i>26,916</i>	<i>28,534</i>	<i>30,152</i>	<i>73</i>	<i>18</i>	<i>8</i>	
CL: 68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR. %	S.E. %	LOW	AVG	HIGH	5	10	15	
S SPRUCE	67.8	9.0	3,261	3,582	3,903				
WHEMLOCK	121.3	16.1	1,124	1,339	1,554				
DOUG FIR	189.9	25.1	909	1,214	1,520				
R ALDER	271.5	35.9	211	330	448				
SNAG									
SPRUCELV	440.6	58.3	48	115	182				
HEMLEAV	755.0	99.9	0	29	59				
TOTAL	<i>41.6</i>	<i>5.5</i>	<i>6,246</i>	<i>6,610</i>	<i>6,973</i>	<i>69</i>	<i>17</i>	<i>8</i>	

TC TSTATS				STATISTICS PROJECT SSIM				PAGE 1 DATE 1/22/2025		
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
07N	08W	22	U2	00MC	16.00	20	149	1	W	
				TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES				
		PLOTS	TREES							
TOTAL		20	149	7.4						
CRUISE		9	67	7.4		2,862		2.3		
DBH COUNT										
REFOREST										
COUNT		11	82	7.5						
BLANKS										
100 %										
STAND SUMMARY										
SAMPLE TREES		TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR		42	132.0	13.7	46	36.4	134.4	13,294	12,989	3,924
S SPRUCE		8	11.4	27.0	49	8.7	45.4	5,000	4,720	1,454
WHEMLOCK		10	11.8	22.2	67	6.8	31.9	3,807	3,622	1,097
R ALDER		1	18.2	13.0	55	4.7	16.8	1,823	1,823	583
SPRUCELV		3	3.2	31.2	51	3.0	16.8	1,454	1,454	424
HEMLEAV		2	1.2	22.9	66	0.7	3.4	470	470	121
DOUGLEAV		1	1.1	16.5	56	0.4	1.7	158	158	48
TOTAL		67	178.9	16.0	49	62.6	250.4	26,007	25,236	7,652
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		59.4	9.2	119	131	143				
S SPRUCE		97.5	36.8	504	796	1,089				
WHEMLOCK		23.6	7.9	301	327	353				
R ALDER										
SPRUCELV		64.5	44.6	321	580	839				
HEMLEAV		3.5	3.3	387	400	413				
DOUGLEAV										
TOTAL		131.9	16.1	225	268	311		695	174	77
CL: 68.1 %	COEFF	SAMPLE TREES - CF					# OF TREES REQ.		INF. POP.	
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5 10		15		
DOUG FIR		58.3	9.0	36	40	43				
S SPRUCE		74.1	27.9	152	212	271				
WHEMLOCK		29.2	9.7	91	101	111				
R ALDER										
SPRUCELV		47.9	33.1	106	159	211				
HEMLEAV		.7	.6	103	104	104				
DOUGLEAV										
TOTAL		107.5	13.1	67	77	87		461	115	51
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		69.2	15.9	111	132	153				
S SPRUCE		134.5	30.8	8	11	15				
WHEMLOCK		156.9	36.0	8	12	16				
R ALDER		220.0	50.4	9	18	27				
SPRUCELV		220.0	50.4	2	3	5				
HEMLEAV		447.2	102.5		1	2				
DOUGLEAV		447.2	102.5		1	2				
TOTAL		31.3	7.2	166	179	192		41	10	5
CL: 68.1 %	COEFF	BASAL AREA/ACRE					# OF PLOTS REQ.		INF. POP.	
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5 10		15		

TC TSTATS				STATISTICS			PAGE	2	
				PROJECT SSIM			DATE	1/22/2025	
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
07N	08W	22	U2	00MC	16.00	20	149	1	W
CL: 68.1 %				BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0				LOW	AVG	HIGH	5	10	15
DOUG FIR		69.8	16.0	113	134	156			
S SPRUCE		123.2	28.2	33	45	58			
WHEMLOCK		138.6	31.8	22	32	42			
R ALDER		220.0	50.4	8	17	25			
SPRUCELV		220.0	50.4	8	17	25			
HEMLEAV		447.2	102.5		3	7			
DOUGLEAV		447.2	102.5		2	3			
TOTAL		18.2	4.2	240	250	261	14	3	2
CL: 68.1 %				NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0				LOW	AVG	HIGH	5	10	15
DOUG FIR		70.5	16.2	10,890	12,989	15,087			
S SPRUCE		122.4	28.0	3,396	4,720	6,043			
WHEMLOCK		151.9	34.8	2,360	3,622	4,884			
R ALDER		220.0	50.4	903	1,823	2,743			
SPRUCELV		220.0	50.4	721	1,454	2,188			
HEMLEAV		447.2	102.5		470	951			
DOUGLEAV		447.2	102.5		158	321			
TOTAL		16.1	3.7	24,304	25,236	26,168	11	3	1
CL: 68.1 %				NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0				LOW	AVG	HIGH	5	10	15
DOUG FIR		70.9	16.3	3,286	3,924	4,562			
S SPRUCE		122.9	28.2	1,045	1,454	1,864			
WHEMLOCK		149.0	34.2	723	1,097	1,472			
R ALDER		220.0	50.4	289	583	878			
SPRUCELV		220.0	50.4	210	424	638			
HEMLEAV		447.2	102.5		121	245			
DOUGLEAV		447.2	102.5		48	96			
TOTAL		16.0	3.7	7,371	7,652	7,933	11	3	1

TC PLOGSTVB		Log Stock Table - MBF																	
T07N R08W S22 Ty00MC 76.00 T07N R08W S22 Ty00MC 16.00				Project: SSIM Acres 76.00 92.00										Page 1 Date 1/14/2025 Time 7:38:26AM					
S Spp	T	So Gr rt 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+
S		DO 2S	16	239		239	17.8							2		35	178	24	
S		DO 2S	20	45		45	3.3						2		3	11	30		
S		DO 2S	24	7		7	.6							1	6				
S		DO 2S	26	4		4	.3							4					
S		DO 2S	28	3		3	.2						3						
S		DO 2S	30	6		6	.4						6						
S		DO 2S	32	41		41	3.1							7		13		22	
S		DO 2S	34	48	1.5	47	3.5										47		
S		DO 2S	36	32		32	2.4							7				26	
S		DO 2S	40	631		627	46.7						6	13	226	255	76	52	
S		DO 3S	12	3		3	.2								3				
S		DO 3S	14	2		2	.2										2		
S		DO 3S	20	9		9	.7					7	2						
S		DO 3S	24	3		3	.2					3							
S		DO 3S	26	5		5	.4				2	3							
S		DO 3S	30	6		6	.4					3		3					
S		DO 3S	32	23	1.3	23	1.7			10	4	3			6				
S		DO 3S	34	11		11	.8					7	4						
S		DO 3S	36	31		30	2.3			5	3	4				18			
S		DO 3S	40	197	2.3	192	14.3				18	31	24	14	15	12	17	62	
S		DO 4S	12	5		5	.4				2	3							
S		DO 4S	20	2		2	.1			2									
S		Totals		1,353		1,344	53.9			17	28	64	46	51	259	343	350	185	
D		DO 2S	16	11		11	1.8									11			
D		DO 2S	32	10		10	1.7						10						
D		DO 2S	34	21		21	3.5										21		
D		DO 2S	40	356		353	58.2					10	29	86	103	103	23		
D		DO 3S	18	1		1	.2					1							
D		DO 3S	20	4		4	.6				2	2							
D		DO 3S	24	8		8	1.4				3	5							
D		DO 3S	26	3		3	.5				3								
D		DO 3S	28	5		5	.8				2	3							
D		DO 3S	30	2		2	.4				2								
D		DO 3S	32	41	2.6	40	6.6				4	36							
D		DO 3S	34	7		7	1.1			7									
D		DO 3S	36	6		6	.9				6								

Log Stock Table - MBF

T07N R08W S22 Ty00MC 76.00
T07N R08W S22 Ty00MC 16.00

Project: SSIM
Acres 76.00

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Date 1/14/2025
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S T	So Gr rt	Log de 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+
D	DO	3S	40	91	3.2	88	14.5		20	28	40							
D	DO	4S	12	1		1	.1		1									
D	DO	4S	16	9		9	1.5		8	1								
D	DO	4S	18	1		1	.1		1									
D	DO	4S	20	13		13	2.1	3	10									
D	DO	4S	24	8		8	1.3		8									
D	DO	4S	26	2		2	.4		2									
D	DO	4S	28	2		2	.4		2									
D	DO	4S	30	8	4.5	8	1.3		8									
D	DO	4S	32	4	13.1	4	.6		4									
D	Totals			614	1.2	607	24.3	3	70	52	97	39	86	103	114	44		
H	DO	2S	18	14		14	3.4						14					
H	DO	2S	30	10		10	2.3						10					
H	DO	2S	32	14		14	3.3				5		9					
H	DO	2S	34	28		28	6.4				28							
H	DO	2S	40	241	1.1	239	55.4				11		43	63	94	28		
H	DO	3S	20	4		4	1.0			2	2							
H	DO	3S	24	14	10.0	13	3.0				13							
H	DO	3S	28	2		2	.4		1	1								
H	DO	3S	30	12		12	2.8		5	4			3					
H	DO	3S	32	10	2.9	10	2.2		4		6							
H	DO	3S	34	9		9	2.1		9									
H	DO	3S	36	8		8	1.9			8								
H	DO	3S	40	37		37	8.5			11	25							
H	DO	4S	16	22		22	5.1		22									
H	DO	4S	18	3		3	.8		3	0								
H	DO	4S	20	6		6	1.5		5	1								
H	Totals			435	1.0	430	17.3		49	28	46	44	56	87	94	28		
A	DO	1S	26	13	7.7	12	10.8						12					
A	DO	1S	40	17	5.0	16	14.4						16					
A	DO	2S	30	27		27	23.9				14	13						
A	DO	2S	40	11		11	10.1				11							
A	DO	3S	28	2		2	1.9			2								
A	DO	3S	30	20		20	18.2			20								

TC		PLOGSTVB																		Log Stock Table - MBF									
T07N R08W S22 Ty00MC76.00 T07N R08W S22 Ty00MC16.00					Project:SSIM										Page3														
					Acres76.00										Date1/14/2025														
															Time7:38:26AM														
S Spp	T	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+									
A		DO	4S	12	2		2	1.3			2																		
A		DO	4S	20	9		9	7.8			9																		
A		DO	4S	24	4		4	3.9			4																		
A		DO	4S	26	2		2	1.8			2																		
A		DO	4S	28	3		3	2.9			3																		
A		DO	4S	30	3		3	3.0			3																		
A		Totals			114	1.6	112	4.5			23	23	25	13	28														
Total		All Species			2,516		2,493	100.0		3	159	130	232	141	193	477	551	422	185										

TC		PSTNDSUM		Stand Table Summary										Page		1	
														Date:		1/14/2025	
T07N R08W S22 Ty00MC76.00 T07N R08W S22 Ty00MC16.00				ProjectSSIM										Time:		7:38:42AM	
				Acres92.00										Grown Year:			
S Spec	T	Sample		Tot					Average Log		Net		Net		Totals		
		DBH	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	Cunits	MBF	
S		15	1	82	41	1.313	1.61	1.31	24.0	50.0		32	66		29	6	
S		16	1	73	46	.706	.99	.71	31.0	60.0		22	42		20	4	
S		18	1	83	45	.912	1.61	.91	37.0	60.0		34	55		31	5	
S		20	1	83	51	.739	1.61	.74	51.0	90.0		38	66		35	6	
S		21	1	83	77	.670	1.61	1.34	44.5	135.0		60	181		55	17	
S		23	2	72	107	.901	2.60	2.02	59.9	203.1		121	410		111	38	
S		26	4	85	73	1.579	5.82	2.72	72.9	229.4		198	624		183	57	
S		27	3	87	109	1.216	4.84	2.84	82.1	348.6		233	989		214	91	
S		29	1	85	99	.351	1.61	1.05	63.0	306.7		66	323		61	30	
S		30	4	85	118	1.313	6.45	3.94	76.3	373.3		300	1,471		276	135	
S		31	5	81	116	1.418	7.43	4.37	76.3	358.5		334	1,568		307	144	
S		32	6	86	117	1.620	9.05	5.26	82.1	415.3		432	2,184		397	201	
S		33	2	85	120	.543	3.22	1.63	95.7	481.7		156	784		143	72	
S		34	1	91	94	.256	1.61	.51	134.5	635.0		69	325		63	30	
S		36	2	77	95	.368	2.60	.96	106.9	463.2		103	446		95	41	
S		37	1	83	130	.216	1.61	.65	132.0	666.7		85	432		79	40	
S		38	2	82	120	.409	3.22	1.43	105.0	544.3		150	780		138	72	
S		40	1	86	108	.185	1.61	.55	136.3	680.0		76	377		70	35	
S		42	3	82	136	.503	4.84	1.68	159.5	802.0		267	1,344		246	124	
S		43	2	86	105	.320	3.22	.80	175.6	876.0		140	700		129	64	
S		44	1	78	88	.093	.99	.19	150.0	660.0		28	123		26	11	
S		45	2	86	112	.292	3.22	.88	181.0	880.0		158	771		146	71	
S		46	1	86	107	.140	1.61	.42	175.0	913.3		73	383		67	35	
S		52	1	89	91	.067	.99	.13	271.5	1200.0		36	161		33	15	
S		Totals	49	83	92	16.130	73.98	37.04	86.7	394.2		3,212	14,604		2,955	1,344	
D		8	1	83	44	1.595	.56	1.59	5.0	20.0		8	32		7	3	
D		9	1	86	21	1.260	.56	1.26	5.0	20.0		6	25		6	2	
D		10	2	87	25	2.152	1.11	2.15	6.9	20.0		15	43		14	4	
D		11	2	87	46	1.769	1.11	1.77	12.0	34.8		21	62		19	6	
D		12	4	85	78	2.835	2.23	3.54	17.2	56.0		61	198		56	18	
D		13	5	86	76	3.020	2.78	4.83	16.5	55.0		80	266		73	24	
D		14	5	87	82	2.604	2.78	4.69	18.8	62.2		88	292		81	27	
D		15	5	85	81	2.268	2.78	4.54	19.6	72.0		89	327		82	30	
D		16	4	85	87	1.621	2.23	3.24	23.7	78.4		77	254		71	23	
D		17	3	84	76	1.060	1.67	2.12	23.8	70.0		51	148		46	14	
D		18	5	86	86	1.575	2.78	3.15	29.7	98.0		94	309		86	28	
D		19	2	85	79	.565	1.11	1.13	32.0	105.0		36	119		33	11	
D		20	2	90	99	.991	2.16	1.98	44.6	159.6		88	316		81	29	
D		23	2	84	121	.749	2.16	2.06	46.9	179.1		96	368		89	34	
D		24	1	85	82	.177	.56	.35	51.0	165.0		18	58		17	5	
D		25	1	86	142	.471	1.61	1.41	60.3	250.0		85	353		78	32	
D		26	1	86	118	.435	1.61	1.31	48.0	210.0		63	274		58	25	
D		27	1	80	115	.404	1.61	1.21	56.7	216.7		69	262		63	24	
D		28	1	85	130	.375	1.61	1.13	70.3	296.7		79	334		73	31	
D		31	1	83	137	.306	1.61	.92	88.0	403.3		81	371		74	34	
D		32	3	84	136	.862	4.82	2.59	93.7	420.0		242	1,087		223	100	
D		33	1	81	128	.270	1.61	.81	91.0	363.3		74	295		68	27	
D		37	2	81	154	.430	3.21	1.29	128.0	621.7		165	802		152	74	
D		Totals	55	85	78	27.796	44.25	49.07	34.4	134.4		1,686	6,595		1,551	607	
H		10	1	82	19	3.939	2.15	3.94	7.0	30.0		28	118		25	11	
H		11	1	85	18	3.255	2.15	3.26	8.0	30.0		26	98		24	9	
H		12	1	86	25	2.735	2.15	2.74	10.0	20.0		27	55		25	5	

TC		PSTNDSUM										Stand Table Summary										Page		2	
																						Date:		1/14/2025	
T07N R08W S22 Ty00MC					76.00					Project					SSIM					Time:		7:38:42AM			
T07N R08W S22 Ty00MC					16.00					Acres					92.00					Grown Year:					
S Sp	T	Sample		Tot		Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	T o t a l s											
		DBH	Trees	FF 16'	Av Ht				Net Cu.Ft.	Net Bd.Ft.				Tons	Cunits	MBF									
H		14	1	81	47	2.010	2.15	2.01	23.0	50.0		46	100		43	9									
H		16	1	81	50	1.539	2.15	1.54	28.0	90.0		43	138		40	13									
H		17	2	88	59	1.715	2.70	2.07	34.1	95.1		71	197		65	18									
H		18	1	85	94	.314	.56	.63	37.5	110.0		24	69		22	6									
H		19	3	86	71	2.464	4.85	4.93	32.0	105.7		158	521		145	48									
H		23	1	85	87	.745	2.15	1.49	56.0	205.0		83	305		77	28									
H		24	4	84	75	.707	2.22	1.41	53.9	176.2		76	249		70	23									
H		25	1	86	80	.163	.56	.33	63.5	225.0		21	73		19	7									
H		26	1	82	68	.583	2.15	1.17	45.5	170.0		53	198		49	18									
H		27	2	80	52	.680	2.70	.82	69.5	189.6		57	155		52	14									
H		28	2	83	111	1.005	4.30	2.51	79.8	330.0		200	829		184	76									
H		29	1	80	96	.468	2.15	.94	90.5	315.0		85	295		78	27									
H		30	2	90	98	.875	4.30	1.75	105.0	460.0		184	805		169	74									
H		32	1	81	59	.099	.56	.20	78.5	190.0		16	38		14	3									
H		36	1	81	110	.304	2.15	.91	109.7	476.7		100	435		92	40									
H		Totals	27	84	49	23.601	42.07	32.63	39.8	143.4		1,297	4,679		1,193	430									
A		13	2	87	63	4.743	4.37	7.91	15.4	46.0		122	364		112	34									
A		15	1	86	80	1.181	1.45	2.36	23.0	80.0		54	189		50	17									
A		17	1	86	78	.919	1.45	1.84	27.5	95.0		51	175		47	16									
A		18	1	86	67	.820	1.45	1.64	28.0	85.0		46	139		42	13									
A		22	1	86	64	.549	1.45	1.10	40.5	140.0		44	154		41	14									
A		24	1	87	84	.461	1.45	.92	61.5	215.0		57	198		52	18									
A		Totals	7	86	69	8.674	11.62	15.78	23.7	77.3		374	1,219		344	112									
SN		13	1	88	50	1.887	1.74																		
SN		30	1	88	122	.354	1.74																		
SN		Totals	2	88	61	2.241	3.48																		
Totals		140	85	71		78.441	175.40	134.52	48.8	201.4		6,568	27,098		6,043	2,493									

LOGGING PLAN MAP

OF TIMBER SALE CONTRACT

NO. AT-341-2025-W0118601

SIMPLY SIMMONS

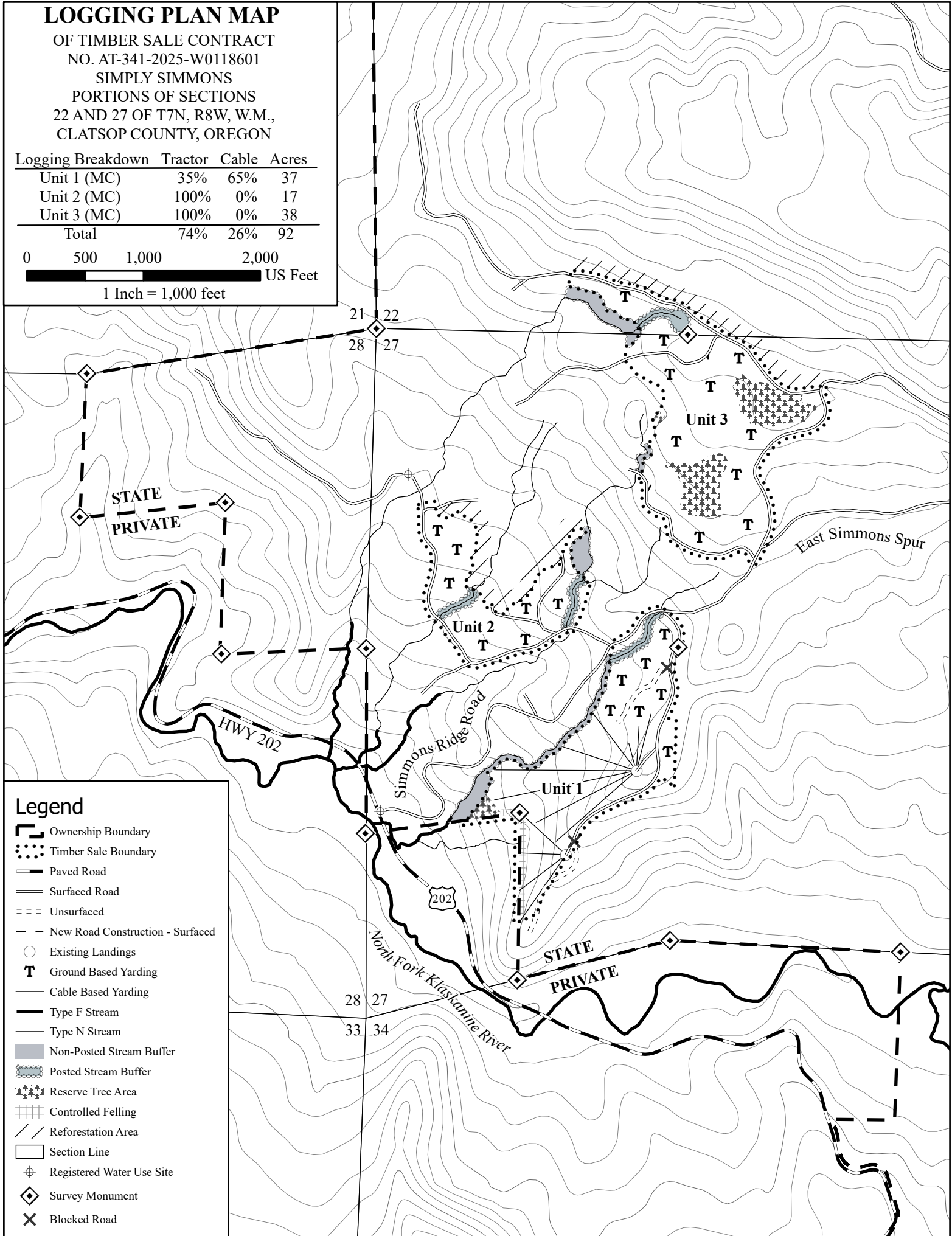
PORTIONS OF SECTIONS

22 AND 27 OF T7N, R8W, W.M.,

CLATSOP COUNTY, OREGON

Logging Breakdown	Tractor	Cable	Acres
Unit 1 (MC)	35%	65%	37
Unit 2 (MC)	100%	0%	17
Unit 3 (MC)	100%	0%	38
Total	74%	26%	92

0 500 1,000 2,000 US Feet
1 Inch = 1,000 feet



Legend

- Ownership Boundary
- Timber Sale Boundary
- Paved Road
- Surfaced Road
- Unsurfaced
- New Road Construction - Surfaced
- 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