Timber Sale Appraisal
Sappy
Sale FG-341-2026-W01285-01

District: Forest Grove **Date: March 05, 2026**

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	$1,721,115.64	$0.00	$1,721,115.64
		Project Work:	($358,791.00)
		Advertised Value:	$1,362,324.64

Timber Sale Appraisal
Sappy
Sale FG-341-2026-W01285-01

District: Forest Grove **Date: March 05, 2026**

Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	18	0	98
Western Hemlock / Fir	17	0	98
Red Cedar	12	0	98

Volume by Grade	2S	3S & 4S 6"-11"	3S	4S	Total
Douglas - Fir	2,179	1,340	0	0	3,519
Western Hemlock / Fir	864	829	0	0	1,693
Red Cedar	24	0	25	11	60
Total	3,067	2,169	25	11	5,272

Comments: LOCAL POND VALUES, JANUARY 2026

OTHER CONIFERS STUMPAGE PRICE = POND VALUE MINUS WESTERN HEMLOCK LOGGING COST:
$121.51 = $527.76 - $406.25

RED ALDER AND OTHER HARDWOOD STUMPAGE PRICE = POND VALUE MINUS DOUGLAS-FIR LOGGING COST:
$214.05 = $535 - $320.95

BRANDING AND PAINTING ALLOWANCE = $2.00/MBF

FUEL COST ALLOWANCE = $5.00/GAL

HAULING COST ALLOWANCE = $1,250/DAY

OTHER COSTS (WITH PROFIT & RISK ADDED):

EQUIPMENT CLEANING: 3 PIECES @ $1,000/PIECE = $3,000

MACHINE TIME TO BLOCK/WATERBAR ROADS AND SKID TRAILS:
10 HOURS X $200/HOUR = $2,000

MACHINE TIME TO PILE LANDING SLASH:
20 HOURS X $200/HOUR = $4,000

TOTAL OTHER COSTS (WITH PROFIT & RISK ADDED): $9,000

OTHER COSTS (NO PROFIT & RISK ADDED):N/A

TOTAL OTHER COSTS (NO P&R) = N/A

SLASH TREATMENT: 1 ACRE X $250/ACRE = $250

ROAD MAINTENANCE (INCLUDES MOVE-IN, ROLLING & SPOT ROCKING):
MOVE IN: $7,716.41(A)
GENERAL ROAD MAINT: 16.36 miles X $2,783.16 = $45,532.49(B)
TOTAL ROAD MAINTENANCE: $53,248.90(C) / 5,272 MBF = $10.10/MBF

District: Forest Grove **Date: March 05, 2026**

Logging Conditions

Combination#: 1

Douglas - Fir	99.89%
Western Hemlock / Fir	99.88%
Red Cedar	100.00%

Logging System: Cable: Large Tower >=70 **Process:** Harvester Head Delimbing

yarding distance: Long (1,500 ft) **downhill yarding:** No

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

loads / day: 12 **bd. ft / load:** 4500

cost / mbf: $158.87

machines: Log Loader (A)
Forwarder
Harvester
Tower Yarder (Large)

Combination#: 2

Douglas - Fir	0.11%
Western Hemlock / Fir	0.12%

Logging System: Shovel **Process:** Harvester Head Delimbing

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

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

loads / day: 15 **bd. ft / load:** 4600

cost / mbf: $144.93

machines: Forwarder
Harvester

Timber Sale Appraisal
Sappy
Sale FG-341-2026-W01285-01

District: Forest Grove **Date: March 05, 2026**

Logging Costs

Operating Seasons:	3.00	**Profit Risk:**	20%
Project Costs:	$358,791.00	**Other Costs (P/R):**	$9,000.00
Slash Disposal:	$250.00	**Other Costs:**	$0.00

Miles of Road

Road Maintenance: $10.10

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

Hauling Costs

Species	$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	$0.00	3.0	4.6
Western Hemlock / Fir	$0.00	2.0	3.9
Red Cedar	$0.00	2.0	2.7

Timber Sale Appraisal
Sappy
Sale FG-341-2026-W01285-01

District: Forest Grove **Date: March 05, 2026**

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
$158.85	$10.30	$2.50	$92.39	$1.71	$53.15	$0.05	$2.00	$0.00	$320.95
Western Hemlock / Fir									
$158.85	$10.30	$2.50	$163.47	$1.71	$67.37	$0.05	$2.00	$0.00	$406.25
Red Cedar									
$158.87	$10.30	$2.50	$236.11	$1.71	$81.90	$0.05	$2.00	$0.00	$493.44

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	$0.00	$738.34	$417.39	$0.00
Western Hemlock / Fir	$0.00	$527.76	$121.51	$0.00
Red Cedar	$0.00	$1,270.17	$776.73	$0.00

Timber Sale Appraisal
Sappy
Sale FG-341-2026-W01285-01

District: Forest Grove **Date: March 05, 2026**

Summary

Amortized

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

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	3,519	$417.39	$1,468,795.41
Western Hemlock / Fir	1,693	$121.51	$205,716.43
Red Cedar	60	$776.73	$46,603.80

Gross Timber Sale Value

Recovery: $1,721,115.64

Prepared By: MARK SAVAGE **Phone:** 503-359-7437

TIMBER SALE SUMMARY
Sappy
#FG-341-2026-W01285-01

1. **Location:** Portions of Section 6, T2N, R6W, portions of Section 1, T2N, R7W, portions of Section 31, T3N, R6W, and portions of Section 36, T3N, R7W, W.M., Tillamook County & Washington County, Oregon.

2. **Type of Sale:** This Timber Sale Area 169 acres. It consists of 3 Clearcut Units, and one Right-of-Way Unit. Unit 1 (CC) is 48 acres, Unit 2 (CC) is 39 acres, Unit 3 (CC) is 82 acres, and Unit 4 (R/W) is less than 1 acre. The timber will be sold on a recovery basis at a sealed bid auction.

3. **Revenue Distribution:** 100% BOF; 61% Tillamook County, 39% Washington County

4. **Sale Acreage:** Acres are net of Stream Buffers, Green Tree Retention Areas, and road prisms. Acreage was determined using ESRI ArcMap GIS Pro software.

5. **Cruise:** The Timber Sale was cruised by ODF timber cruisers in February of 2026. For more information, see Cruise Report.

6. **Timber Description:** The Timber Sale Area consists of a well-stocked, 68-88 year-old stand of Douglas-fir with minor components of western hemlock, noble fir, and western redcedar. This timber stand has an average of 192.7 ft^2 of basal area and an average Douglas-fir DBH of 18 inches. The estimated average net Douglas-fir volume is approximately 20.8 MBF per acre.

7. **Topography and Logging Method:** Slopes within the Timber Sale Area range from 5% to 80% with variable aspects. Unit 1, Unit 2, and Unit 3 are 100% cable-based Yarding. Unit 4 is 100% ground-based Yarding. In Unit 1 the average cable Yarding road length is 700 feet and the maximum is approximately 1,700 feet. In Unit 2 the average cable Yarding road length is 900 feet and the maximum is approximately 1,900 feet. In Unit 3 the average cable Yarding road length is 1,000 feet and the maximum is approximately 2,600 feet. Unit 4 is Right-of-Way Timber removal for approximately 500 feet.

8. **Access:** All access to the Timber Sale Area is on surfaced all-weather roads. From Forest Grove, travel north on Highway 8 to its junction with Highway 6. Turn left and continue west on Highway 6 for 9.5 miles to Storey Burn Road. Turn right and continue on Storey Burn Road for 5.4 miles to a gate. Continue on Storey Burn Road for 1 mile to Standard Grade Road. Continue on Standard Grade Road for 5.1 miles to unnamed spur road. To access Unit 2 and Unit 3, turn right on unnamed spur road and proceed for 0.8 miles to a spur road junction. Turn left and proceed for 1.4 miles a spur road junction, to access the southern portion of Unit 3. To access Unit 2 turn left at spur road and proceed for 0.1 miles to access the eastern portion of Unit 2. To access Unit 1, continue on Standard Grade Road for 0.8 miles to Sappington Creek Road. Turn left on Sappington Creek Road and proceed for 0.3 miles to unnamed spur road. Turn right and proceed for 0.6 miles to access the southern portion of Unit 1. There is a gate along this route that will require a key, which can be obtained from the Forest Grove District Office.

9. **Projects:**

Project No. 1: Road Improvement, Surface Rock Replacement, & Maintenance	$336,915.89
Project No. 2: Rocked Road Construction	$21,875.11
Total Credit for all Projects	$358,791.00

PROJECT COST SUMMARY SHEET

Timber Sale: Sappy
Sale Number: FG-341-2026-W01285-01

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

Road Segment	Length	Cost
A to B	275+75	$162,629.89
C to D	39+20	$3,992.48
D to E	98+75	$82,053.74
D to Z	11+55	$14,047.21
H to I	11+75	$481.75
I to J	24+05	$59,517.19
L to M	14+05	$7,165.30
	461+05 stations	
	8.73 miles	

Total Rock =

9,723 cy	1½" - 0
68 cy	3" - 0
5,768 cy	Jaw-run
72 cy	Pit-run
36 cy	Riprap

Move-in = $7,028.33

TOTAL PROJECT COST = $336,915.89

PROJECT NO. 2: ROCKED ROAD CONSTRUCTION

Road Segment	Length	Cost
F to G	5+80	$12,373.69
J to K	1+60	$8,900.16
	7+40 stations	
	0.14 miles	

Total Rock =

1,017 cy	Jaw-run

Move-in = $601.26

TOTAL PROJECT COST = $21,875.11

TOTAL CREDITS = $358,791.00

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sappy Sale Number: FG-341-2026-W01285-01

PROJECT No. 1 & 2 MOVE-IN, WITHIN AREA MOVE, & CLEANING COSTS

Equipment	Total	
Brush Cutter	$580.12	
Grader	$606.49	
Loader (Med. & Large)	$605.12	
Roller (smooth/grid) & Compactor	$580.12	
Excavator (Large) - Equipment Cleaning	$2,128.39	
Dozer (Large) - Equipment Cleaning	$2,128.39	
Dump Truck (10cy +)	$522.11	
Water Truck (2,500 Gal)	$478.85	
	TOTAL MOVE-IN COSTS =	**$7,629.59**

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sappy | Sale Number: FG-341-2026-W01285-01

Road Segment: A to B | Improvement: 275+75 stations; 5.22 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT						
Clearing & grubbing (scatter)	3.17	ac @	$1,353.60	per acre =	$4,290.91	
Remove large stump	29	ea @	$91.00	per ea =	$2,639.00	
Road widening & Log crib removal						
Excavate & load	1,035	cy @	$1.94	per cy =	$2,007.90	
Haul	1,346	cy @	$4.85	per cy =	$6,528.10	
Compact waste area	1,346	cy @	$0.40	per cy =	$538.40	
Rip road (1' deep)	1.20	sta @	$43.00	per sta =	$51.60	
Clean ditch & scatter waste material	15.75	sta @	$66.00	per sta =	$1,039.50	
Clean culvert inlet & outlet, scatter waste	6	ea @	$27.50	per ea =	$165.00	
Remove existing culvert	1	ea @	$165.00	per ea =	$165.00	
Cutslope layback & Road widening						
Excavate & load	348	cy @	$1.94	per cy =	$675.12	
Haul	452	cy @	$7.26	per cy =	$3,281.52	
Shape and compact waste material	452	cy @	$0.40	per cy =	$180.80	
Sidecast pullback						
Excavate & load	612	cy @	$1.94	per cy =	$1,187.28	
Haul	796	cy @	$4.85	per cy =	$3,860.60	
Compact waste area	796	cy @	$0.40	per cy =	$318.40	
Block road to vehicle access	2	ea @	$55.00	per ea =	$110.00	
Improve turnout	17	ea @	$36.30	per ea =	$617.10	
Grade, ditch, & roll	275.75	sta @	$41.00	per sta =	$11,305.75	
				TOTAL IMPROVEMENT COSTS =		$38,961.98

CULVERTS						
Culverts and Bands						
18" Diameter	490	lf @	$22.10	per lf =	$10,829.00	
24" Diameter	60	lf @	$32.00	per lf =	$1,920.00	
18" Band	5	ea @	$22.10	per ea =	$110.50	
24" Band	2	ea @	$32.00	per ea =	$64.00	
Markers & Stakes						
Culvert markers	27	ea @	$12.00	per ea =	$324.00	
				TOTAL CULVERT COSTS =		$13,247.50

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	1½" - 0	$1.01	$8.18	$0.60	384	$3,759.36
Energy dissipator	Riprap	$83.48	$6.79	$1.80	24	$2,209.68
Subgrade reinforcement	Pit-run	$10.76	$30.18	$0.90	72	$3,012.48
				Subtotal =	480	$8,981.52
Surfacing rock						
Surfacing rock	1½" - 0	$1.01	$8.18	$1.40	78	$826.02
Junction	1½" - 0	$1.01	$8.18	$1.40	24	$254.16
Junction	1½" - 0	$1.01	$8.18	$1.40	48	$508.32
Surfacing rock	1½" - 0	$1.01	$8.18	$1.40	8,511	$90,131.49
Turnout	1½" - 0	$9.47	$8.18	$1.40	238	$4,533.90
Road widening	1½" - 0	$1.01	$8.18	$1.40	68	$720.12
Road widening	3" - 0	$9.47	$8.18	$1.40	68	$1,295.40
Curve widening	1½" - 0	$9.47	$8.18	$1.40	48	$914.40
				Subtotal =	9,083	$99,183.81

Totals	
All Rock =	9,563
1½" - 0	9,351
3" - 0	68
Pit-run	72
Riprap	24

TOTAL ROCK COSTS = $108,165.33

EROSION CONTROL						
Grass seed & fertilizer	3.17	ac @	$697.50	per ac =	$2,211.08	
Straw mulch bale	4	ea @	$11.00	per ea =	$44.00	
				TOTAL EROSION CONTROL COSTS =		$2,255.08

TOTAL PROJECT COST = $162,629.89

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sappy | Sale Number: FG-341-2026-W01285-01

Road Segment: C to D | Improvement: 39+20 stations; 0.74 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT						
Clearing & grubbing (scatter)	0.45	ac @	$1,353.60	per acre =	$609.12	
End-haul waste from Culvert No. 21						
Haul	12	cy @	$9.84	per cy =	$118.08	
Compact waste area	12	cy @	$0.40	per cy =	$4.80	
Grade & roll	39.20	sta @	$36.00	per sta =	$1,411.20	
				TOTAL IMPROVEMENT COSTS =		$2,143.20

CULVERTS						
Culverts and Bands						
18" Diameter	30	lf @	$22.10	per lf =	$663.00	
Markers & Stakes						
Culvert markers	1	ea @	$12.00	per ea =	$12.00	
				TOTAL CULVERT COSTS =		$675.00

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	1½" - 0	$1.01	$34.24	$0.60	24	$860.40
				Subtotal =	24	$860.40

Totals		
	All Rock =	24
	1½" - 0	24

TOTAL ROCK COSTS = $860.40

EROSION CONTROL						
Grass seed & fertilizer	0.45	ac @	$697.50	per ac =	$313.88	
				TOTAL EROSION CONTROL COSTS =		$313.88

TOTAL PROJECT COST = $3,992.48

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sappy | Sale Number: FG-341-2026-W01285-01

Road Segment: D to E | Improvement: 98+75 stations; 1.87 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT						
Clearing & grubbing (scatter)	1.13	ac @	$1,692.00	per acre =	$1,911.96	
Roadside brushing	1.85	mi @	$1,627.03	per mi =	$3,010.00	
Road realignment (drift)	0.90	sta @	$120.00	per sta =	$108.00	
Clean ditch & scatter waste material	5.90	sta @	$66.00	per sta =	$389.40	
Clean ditch & end-haul waste material	1.35	sta @	$66.00	per sta =	$89.10	
Haul waste material	10	cy @	$9.84	per cy =	$98.40	
Shape and compact waste material	10	cy @	$0.40	per cy =	$4.00	
Clean culvert inlet & outlet, scatter waste	4	ea @	$27.50	per ea =	$110.00	
End-haul waste from Culvert Nos. 22-24						
Haul	36	cy @	$9.84	per cy =	$354.24	
Compact waste area	36	cy @	$0.40	per cy =	$14.40	
Construct settling pond	3	ea @	$27.50	per ea =	$82.50	
Haul waste material	4	cy @	$9.84	per cy =	$39.36	
Shape and compact waste material	4	cy @	$0.40	per cy =	$1.60	
Construct turnout	2	ea @	$72.60	per ea =	$145.20	
Improve turnout	6	ea @	$36.30	per ea =	$217.80	
Approach to landing	1.75	sta @	$347.00	per sta =	$607.25	
Construct roadside landing	3	ea @	$181.50	per ea =	$544.50	
Construct landing	1	ea @	$242.00	per ea =	$242.00	
Improve landing	1	ea @	$121.00	per ea =	$121.00	
Grade & roll (outslope)	7.30	sta @	$36.00	per sta =	$262.80	
Grade, ditch, & roll	91.45	sta @	$41.00	per sta =	$3,749.45	
				TOTAL IMPROVEMENT COSTS =		$12,102.96

CULVERTS						
Culverts and Bands						
18" Diameter	120	lf @	$22.10	per lf =	$2,652.00	
Markers & Stakes						
Culvert markers	16	ea @	$12.00	per ea =	$192.00	
				TOTAL CULVERT COSTS =		$2,844.00

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	1½" - 0	$1.01	$37.55	$0.60	96	$3,759.36
Energy dissipator	Riprap	$5.29	$3.42	$1.80	12	$126.12
				Subtotal =	108	$3,885.48
Surfacing rock						
Surfacing rock	Jaw-run	$9.47	$3.42	$1.40	3,061	$43,741.69
Junction	Jaw-run	$9.47	$3.42	$1.40	36	$514.44
Approach to landing junction	Jaw-run	$9.47	$3.42	$1.40	24	$342.96
Improve turnout	Jaw-run	$9.47	$3.42	$1.40	84	$1,200.36
Construct turnout	Jaw-run	$9.47	$3.42	$1.40	58	$828.82
Curve widening	Jaw-run	$9.47	$3.42	$1.40	120	$1,714.80
Traction rock	1½" - 0	$1.01	$37.55	$1.40	156	$6,233.76
Approach to landing	Jaw-run	$9.47	$3.42	$1.40	114	$1,629.06
Roadside landing	Jaw-run	$9.47	$3.42	$1.40	285	$4,072.65
Improve landing	Jaw-run	$9.47	$3.42	$1.40	47	$671.63
Construct landing	Jaw-run	$9.47	$3.42	$1.40	95	$1,357.55
				Subtotal =	4,080	$62,307.72

Totals		
	All Rock =	4,188
	1½" - 0	252
	Jaw-run	3,924
	Riprap	12

TOTAL ROCK COSTS = $66,193.20

EROSION CONTROL						
Grass seed & fertilizer	1.13	ac @	$697.50	per ac =	$788.18	
Straw mulch acre	0.06	ac @	$990.00	per ac =	$59.40	
Straw mulch bale	6	ea @	$11.00	per ea =	$66.00	
				TOTAL EROSION CONTROL COSTS =		$913.58

TOTAL PROJECT COST = $82,053.74

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sappy | Sale Number: FG-341-2026-W01285-01

Road Segment: D to Z | Improvement: 11+55 stations; 0.22 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT					
Clearing & grubbing (scatter)	0.48	ac @	$1,692.00	per acre =	$812.16
Road Widening End-haul					
Excavate & load	239	cy @	$1.94	per cy =	$463.66
Haul	311	cy @	$7.79	per cy =	$2,422.69
Compact waste area	311	cy @	$0.40	per cy =	$124.40
Timber processing and decking	1	hr @	$500.00	per hr =	$500.00
Construct truck turnaround	1.00	ea @	$690.00	per ea =	$690.00
Improve turnout	1	ea @	$36.30	per ea =	$36.30
Grade, ditch, & roll	11.55	sta @	$41.00	per sta =	$473.55

TOTAL IMPROVEMENT COSTS = $5,522.76

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Surfacing rock						
Truck turnaround base rock	Jaw-run	$9.47	$4.84	$1.40	360	$5,655.60
Surfacing rock	Jaw-run	$9.47	$4.84	$1.40	129	$2,026.59
Junction	Jaw-run	$9.47	$4.84	$1.40	12	$188.52
Turnout	Jaw-run	$9.47	$4.84	$1.40	14	$219.94
				Subtotal =	515	$8,090.65

Totals		
	All Rock =	515
	Jaw-run	515

TOTAL ROCK COSTS = $8,090.65

EROSION CONTROL					
Grass seed & fertilizer	0.48	ac @	$697.50	per ac =	$334.80
Straw mulch acre	0.10	ac @	$990.00	per ac =	$99.00

TOTAL EROSION CONTROL COSTS = $433.80

TOTAL PROJECT COST = $14,047.21

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sappy Sale Number: FG-341-2026-W01285-01

Road Segment: F to G Construction: 5+80 stations

0.11 miles

PROJECT NO. 2: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

Clearing & grubbing (scatter)	0.67	ac @	$1,692.00	per ac =	$1,133.64
Balanced road construction	5.80	sta @	$120.00	per sta =	$696.00
Turnaround	1	ea @	$91.00	per ea =	$91.00
Landing	1	ea @	$450.00	per ea =	$450.00
Grade, ditch, & roll	5.80	sta @	$41.00	per sta =	$237.80

TOTAL CONSTRUCTION COSTS = $2,608.44

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Surfacing rock						
Base rock	Jaw-run	$9.47	$3.12	$1.40	377	$5,274.23
Junction	Jaw-run	$9.47	$3.12	$1.40	24	$335.76
Turnaround	Jaw-run	$9.47	$3.12	$1.40	20	$279.80
Landing	Jaw-run	$9.47	$3.12	$1.40	234	$3,273.66
				Subtotal =	655	$9,163.45

Totals		
	All Rock =	655
	Jaw-run	655

TOTAL ROCK COSTS = $9,163.45

EROSION CONTROL

Grass seed & fertilizer	0.34	ac @	$780.00	per ac =	$265.20
Straw mulch (acre)	0.34	ac @	$990.00	per ac =	$336.60

TOTAL EROSION CONTROL COSTS = $601.80

TOTAL PROJECT COST = $12,373.69

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sappy | Sale Number: FG-341-2026-W01285-01

Road Segment: H to I | Improvement: 11+75 stations; 0.22 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT					
Grade, ditch, & roll	11.75	sta @	$41.00	per sta =	$481.75

TOTAL IMPROVEMENT COSTS = $481.75

TOTAL PROJECT COST = $481.75

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sappy | Sale Number: FG-341-2026-W01285-01

Road Segment: J to K | Construction: 1+60 stations; 0.03 miles

PROJECT NO. 2: ROCKED ROAD CONSTRUCTION

CONSTRUCTION						
Clearing & grubbing (scatter)	0.18	ac @	$1,692.00	per ac =	$304.56	
Balanced road construction	1.60	sta @	$120.00	per sta =	$192.00	
Landing	1	ea @	$450.00	per ea =	$450.00	
Grade, ditch, & roll	1.60	sta @	$41.00	per sta =	$65.60	
				TOTAL CONSTRUCTION COSTS =		$1,012.16

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Surfacing rock						
Base rock	Jaw-run	$9.47	$10.48	$1.40	104	$2,220.40
Junction	Jaw-run	$9.47	$10.48	$1.40	24	$512.40
Landing	Jaw-run	$9.47	$10.48	$1.40	234	$4,995.90
				Subtotal =	362	$7,728.70

Totals		
	All Rock =	362
	Jaw-run	362

TOTAL ROCK COSTS = $7,728.70

EROSION CONTROL						
Grass seed & fertilizer	0.09	ac @	$780.00	per ac =	$70.20	
Straw mulch (acre)	0.09	ac @	$990.00	per ac =	$89.10	
				TOTAL EROSION CONTROL COSTS =		$159.30

TOTAL PROJECT COST = $8,900.16

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sappy | Sale Number: FG-341-2026-W01285-01

Road Segment: I to J | Improvement: 24+05 stations; 0.46 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT					
Clearing & grubbing (scatter)	0.28	ac @	$1,692.00	per acre =	$473.76
Roadside brushing	0.46	mi @	$1,550.00	per mi =	$713.00
Road widening end-haul at 0+00 to 1+60					
Excavate & load	87	cy @	$1.94	per cy =	$168.78
Haul	113	cy @	$1.54	per cy =	$174.02
Compact waste area	113	cy @	$0.40	per cy =	$45.20
Road widening end-haul rip rock at 14+50 to 22+25					
Excavate & load	747	cy @	$4.85	per cy =	$3,622.95
Rip rock	747	cy @	$2.75	per cy =	$2,054.25
Haul	1,719	cy @	$1.54	per cy =	$2,647.26
Shape and compact waste material	1,719	cy @	$0.40	per cy =	$687.60
Road widening end-haul drill & shoot at 14+50 to 22+25					
Excavate & load	747	cy @	$4.85	per cy =	$3,622.95
Drill & Shoot	747	cy @	$6.00	per cy =	$4,482.00
Haul	1,719	cy @	$1.54	per cy =	$2,647.26
Shape and compact waste material	1,719	cy @	$0.40	per cy =	$687.60
Clean culvert inlet & outlet, scatter waste	1	ea @	$27.50	per ea =	$27.50
End-haul waste from Culvert Nos. 18 & 19					
Haul	24	cy @	$1.54	per cy =	$36.96
Compact waste area	24	cy @	$0.40	per cy =	$9.60
Construct ditchout	1	ea @	$55.00	per ea =	$55.00
Improve turnout	4	ea @	$36.30	per ea =	$145.20
Improve turnaround	1	ea @	$45.50	per ea =	$45.50
Grade & roll (outslope)	16.60	sta @	$36.00	per sta =	$597.60
Grade, ditch, & roll	7.45	sta @	$41.00	per sta =	$305.45
				TOTAL IMPROVEMENT COSTS =	$23,249.44

CULVERTS					
Culverts and Bands					
18" Diameter	70	lf @	$22.10	per lf =	$1,547.00
24" Diameter	60	lf @	$32.00	per lf =	$1,920.00
18" Band	1	ea @	$22.10	per ea =	$22.10
24" Band	2	ea @	$32.00	per ea =	$64.00
Markers & Stakes					
Culvert markers	7	ea @	$12.00	per ea =	$84.00
				TOTAL CULVERT COSTS =	$3,637.10

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	1½" - 0	$1.01	$36.73	$0.60	96	$3,680.64
				Subtotal =	96	$3,680.64
Surfacing rock						
Surfacing rock	Jaw-run	$9.47	$9.90	$1.40	685	$14,227.45
Junction	Jaw-run	$9.47	$9.90	$1.40	24	$498.48
Turnout	Jaw-run	$9.47	$9.90	$1.40	76	$1,578.52
Turnaround	Jaw-run	$9.47	$9.90	$1.40	14	$290.78
Road Widening	Jaw-run	$9.47	$9.90	$1.40	504	$10,468.08
				Subtotal =	1,303	$27,063.31

Totals		
	All Rock =	1,399
	1½" - 0	96
	Jaw-run	1,303

TOTAL ROCK COSTS = $30,743.95

EROSION CONTROL					
Grass seed & fertilizer	1.56	ac @	$697.50	per ac =	$1,088.10
Straw mulch acre	0.74	ac @	$990.00	per ac =	$732.60
Straw mulch bale	6	ea @	$11.00	per ea =	$66.00
				TOTAL EROSION CONTROL COSTS =	$1,886.70

TOTAL PROJECT COST = $59,517.19

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sappy | Sale Number: FG-341-2026-W01285-01

Road Segment: L to M | Improvement: 14+05 stations; 0.27 miles

PROJECT NO. 1: ROAD IMPROVEMENT, SURFACE ROCK REPLACEMENT, AND MAINTENANCE

IMPROVEMENT					
Clearing & grubbing (scatter)	0.16	ac @	$1,692.00	per acre =	$270.72
Roadside brushing	0.27	mi @	$1,100.00	per mi =	$297.00
Road widening					
Excavate & load	34	cy @	$4.85	per cy =	$164.90
Haul	44	cy @	$11.20	per cy =	$492.80
Compact waste area	44	cy @	$0.40	per cy =	$17.60
Clean culvert inlet & outlet, scatter waste	1	ea @	$27.50	per ea =	$27.50
Sidecast pullback					
Excavate & load	292	cy @	$1.94	per cy =	$566.48
Haul	380	cy @	$11.20	per cy =	$4,256.00
Compact waste area	380	cy @	$0.40	per cy =	$152.00
Grade & roll (outslope)	14.05	sta @	$36.00	per sta =	$505.80

TOTAL IMPROVEMENT COSTS = $6,750.80

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Surfacing rock						
Road widening	Jaw-run	$9.47	$0.78	$1.40	26	$302.90
				Subtotal =	26	$302.90

Totals		
	All Rock =	26
	Jaw-run	26

TOTAL ROCK COSTS = $302.90

EROSION CONTROL					
Grass seed & fertilizer	0.16	ac @	$697.50	per ac =	$111.60

TOTAL EROSION CONTROL COSTS = $111.60

TOTAL PROJECT COST = $7,165.30

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Sappy
Sale Number: FG-341-2026-W01285-01
Stockpile Name: Drift Creek

Riprap: 24 cy (truck measure)
Total truck yardage: 24 cy
Total in place yardage: 24 cy

Move-in & Other Base Cost					
Move in excavator with cleaning					$1,842.67
Move in Dump Trucks					$100.80
Riprap Sorting					$38.40
				Subtotal =	$1,981.87
				Per CY =	$82.58/cy
Riprap Base Cost					
Load dump truck	$0.90	/ cy x	24	cy =	$21.60
				Subtotal =	$21.60
				Per CY =	$0.90

Riprap Base Cost = **$83.48/cy**

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Sappy
Sale Number: FG-341-2026-W01285-01
Stockpile Name: Beaverdam

1 1/2" - 0: 9,723 cy (truck measure)
Total truck yardage: 9,723 cy

Move-in					
Move in loader					$757.18
Move in Dump Trucks					$289.80
				Subtotal =	$1,046.98
				Per CY =	$0.11/cy
1 1/2"-0 & 3" -0 Base Cost					
Load dump truck	$0.90	/ cy x	9,723	cy =	$8,750.70
				Subtotal =	$8,750.70
				Per CY =	$0.90

1 1/2"-0 Cost = **$1.01/cy**
3"-0 Cost = **$1.01/cy**

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale:	Sappy
Sale Number:	FG-341-2026-W01285-01
Quarry Name:	Sappington Creek
Pit-run:	72 cy (truck measure)
Jaw-run:	6,785 cy (truck measure)
Total truck yardage:	6,857 cy
Total in place yardage:	6,593 cy
Oversize - Pile:	20%
Swell:	130%
Compaction:	116%

Move-in & Other Base Cost	
Quarry development & overburden removal	$3,265.81
Equipment cleaning & move in excavator	$2,794.39
Equipment cleaning & move in dozer	$2,724.49
Move in & setup drill	$1,214.63
Move in loader	$1,554.58
Move in & setup crusher	$1,724.49
Move in Dump Trucks	$544.05
Clean up quarry	$500.00
Subtotal =	$14,322.44
Per CY =	$2.09/cy

Pit-run Base Cost					
Drill & shoot	$3.10	/ cy x	69	cy =	$213.90
Oversize - Pile	$0.80	/ cy x	18	cy =	$14.40
Load crusher	$0.90	/ cy x	72	cy =	$64.80
Crush (Pit-run)	$3.70	/ cy x	72	cy =	$266.40
Load dump truck	$0.90	/ cy x	72	cy =	$64.80
				Subtotal =	$624.30
				Per CY =	$8.67/cy

Jaw-run Base Cost					
Drill & shoot	$3.10	/ cy x	6,524	cy =	$20,224.40
Oversize - Pile	$0.80	/ cy x	1,696	cy =	$1,356.80
Load crusher	$0.90	/ cy x	6,785	cy =	$6,106.50
Crush (Jaw-run)	$2.40	/ cy x	6,785	cy =	$16,284.00
Load dump truck	$0.90	/ cy x	6,785	cy =	$6,106.50
				Subtotal =	$50,078.20
				Per CY =	$7.38/cy

Riprap Base Cost					
Rip rock	$2.30	/ cy x	12	cy =	$27.60
Load dump truck	$0.90	/ cy x	12	cy =	$10.80
				Subtotal =	$38.40
				Per CY =	$3.20

Pit-run Base Cost =	**$10.76/cy**
Jaw-run Base Cost =	**$9.47/cy**
Riprap Base Cost =	**$5.29/cy**

CRUISE REPORT
Sappy
#FG-341-2026-W01285-01

1. LOCATION:

Portions of Section 6, T2N, R6W, portions of Section 1, T2N, R7W, portions of Section 31, T3N, R6W, and portions of Section 36, T3N, R7W, W.M., Tillamook County & Washington County, Oregon.

2. CRUISE DESIGN:

The timber cruise was designed using an estimated coefficient of variation (CV) of 68%, average stand diameter of 15 inches, sampling error (SE) of 10% and a minimum of 100 grade trees.

3. SAMPLING METHOD:

The Timber Sale Area was cruised in February of 2026 with a total 44 variable radius grade plots using a 40 BAF prism. Plots were laid out in a 5 chain x 5 chain grid. Plots falling on or near existing roads or no-harvest areas were offset 1 chain.

4. CRUISE RESULTS:

214 trees were measured and graded producing a standard error of 9.5% on the Douglas-fir Basal Area and 10.9% on the Douglas-fir Net Board Foot Volume.

5. TREE MEASUREMENT AND GRADING:

All sample trees were measured and graded following the Official Log Scaling and Grading Rules as adopted by the NW Log Rules Advisory Group. 40 foot segments were favored.

a) **Height Standards:** Total tree heights were measured to the nearest foot. Bole heights were calculated to a six inch top.
b) **Diameter Standards:** Diameters were measured outside bark at breast height to the nearest inch.
c) **Form Factors:** Measured for each grade tree using a form point of 16 feet.

6. DATA PROCESSING:

a) **Volumes and Statistics:** Cruise estimates and sampling statistics were derived from SuperAce 2008 cruise software.

b) **Deductions:** The following percent volume deductions are by species to account for the hidden defect and breakage. For conifers two percent was deducted.

7. CRUISERS: The sale was cruised by Adrian Torres, Colton Turner, and Mark Savage.

Prepared by: Mark Savage 2-2-2026

Reviewed by: Mark Savage 2-2-2026
Date

TC PSTATS

PROJECT STATISTICS

PROJECT SAPPY

DATE 5/6/2026

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T2N	R7	01	00U1	00CC	169.00	44	222	S	W
T2N	R7W	01	00U2	00MC					
T2N	R7W	01	00U3	00MC					

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	44	222	5.0		
CRUISE	44	222	5.0	20,775	1.1
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	135	70.2	17.8	105	28.8	121.6	21,269	21,222	4,890	4,890
DOUG FIR-S	5	4.2	14.7	61	1.3	5.0				
WHEMLOCK	68	39.2	16.9	97	14.8	60.7	9,160	9,110	2,293	2,293
WHEMLOCK-S	3	1.1	20.2	87	0.6	2.5				
NOB FIR	8	4.1	18.2	119	1.7	7.3	1,358	1,349	308	308
WR CEDAR	3	4.1	11.8	59	0.9	3.1	367	367	85	85
TOTAL	*222*	*122.9*	*17.3*	*100*	*48.2*	*200.2*	*32,153*	*32,048*	*7,576*	*7,576*

CONFIDENCE LIMITS OF THE SAMPLE

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

CL 68.1 SD: 1.0

SAMPLE TREES - BF

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR	74.0	6.4	468	499	531			
DOUG FIR-S								
WHEMLOCK	67.4	8.2	306	333	360			
WHEMLOCK-S								
NOB FIR	60.6	22.9	358	464	570			
WR CEDAR	143.7	99.4	1	263	525			
TOTAL	*79.6*	*5.3*	*403*	*426*	*449*	*253*	*63*	*28*

CL 68.1 SD: 1.0

SAMPLE TREES - CF

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR	65.6	5.6	105	112	118			
DOUG FIR-S								
WHEMLOCK	59.9	7.3	76	82	88			
WHEMLOCK-S								
NOB FIR	57.9	21.8	83	106	129			
WR CEDAR	143.2	99.1	1	61	120			
TOTAL	*70.4*	*4.7*	*93*	*98*	*102*	*198*	*50*	*22*

CL 68.1 SD: 1.0

TREES/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	91.4	13.8	61	70	80			
DOUG FIR-S	340.5	51.3	2	4	6			
WHEMLOCK	119.0	17.9	32	39	46			
WHEMLOCK-S	526.4	79.3	0	1	2			
NOB FIR	278.9	42.0	2	4	6			
WR CEDAR	432.5	65.1	1	4	7			
TOTAL	*61.0*	*9.2*	*112*	*123*	*134*	*148*	*37*	*16*

CL 68.1 SD: 1.0

BASAL AREA/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	63.5	9.6	110	122	133			
DOUG FIR-S	345.3	52.0	2	5	8			
WHEMLOCK	116.0	17.5	50	61	71			

PROJECT STATISTICS

PROJECT SAPPY

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T2N	R7	01	00U1	00CC	169.00	44	222	S	W
T2N	R7W	01	00U2	00MC					
T2N	R7W	01	00U3	00MC					

CL 68.1 COEFF **BASAL AREA/ACRE** # OF PLOTS REQ. INF. POP.

SD: 1.00 VAR. S.E.% LOW AVG HIGH 5 10 15

WHEMLOCK-S	489.8	73.8	1	3	4			
NOB FIR	269.4	40.6	4	7	10			
WR CEDAR	374.0	56.3	1	3	5			
TOTAL	*37.8*	*5.7*	*189*	*200*	*212*	*57*	*14*	*6*

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	71.8	10.8	18,926	21,222	23,518			
DOUG FIR-S								
WHEMLOCK	132.3	19.9	7,294	9,110	10,926			
WHEMLOCK-S								
NOB FIR	274.0	41.3	792	1,349	1,906			
WR CEDAR	415.6	62.6	137	367	596			
TOTAL	*48.5*	*7.3*	*29,705*	*32,048*	*34,391*	*94*	*24*	*10*

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	69.2	10.4	4,381	4,890	5,400			
DOUG FIR-S								
WHEMLOCK	127.0	19.1	1,854	2,293	2,732			
WHEMLOCK-S								
NOB FIR	273.2	41.2	181	308	434			
WR CEDAR	412.0	62.1	32	85	137			
TOTAL	*45.9*	*6.9*	*7,052*	*7,576*	*8,100*	*84*	*21*	*9*

TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

TT2N RR7W S01 Ty00CC	48.00
TT2N RR7W S01 Ty00MC	39.00
TT2N RR7W S01 Ty00MC	82.00

Project: **SAPPY**

Acres **169.00**

Date **5/6/2026**

Time **7:35:36AM**

Spp	S T	So Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log: Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		CU														13	24		0.00	1.0
DF		2M	61	.3	13,178	13,138	2,220			65	35				100	40	15	341	1.84	38.5
DF		3M	33	.1	6,969	6,961	1,176		100			0	0	7	93	39	8	100	0.65	69.3
DF		4M	6		1,122	1,122	190		100			25	75			23	6	28	0.34	40.4
DF	**Totals**		66	.2	21,269	21,222	3,587		38	40	22	1	4	2	92	34	9	142	0.95	149.3
DF	S	CU														30	7		0.00	5.6
DF	**Totals**															30	7		0.00	5.6
WH		CU														8	14		0.00	5.1
WH		2M	50	.8	4,672	4,633	783			74	26				100	40	14	299	1.74	15.5
WH		3M	45	.2	4,084	4,074	689		99	1			0	2	97	39	8	99	0.68	41.1
WH		4M	5		404	404	68		100			45	55			21	6	24	0.33	16.7
WH	**Totals**		28	.5	9,160	9,110	1,540		49	38	13	2	3	1	94	33	9	116	0.88	78.4
WH	S	CU														35	10		0.00	2.3
WH	**Totals**															35	10		0.00	2.3
NF		2M	51	1.2	710	701	119			62	38				100	40	15	355	1.95	2.0
NF		3M	46		616	616	104		100					9	91	38	8	96	0.60	6.4
NF		4M	3		32	32	5		100			47	53			19	6	24	0.38	1.3
NF	**Totals**		4	.7	1,358	1,349	228		48	32	20	1	1	4	94	36	9	139	0.89	9.7
RC		2M	40		148	148	25				100				100	40	18	530	2.73	.3
RC		3M	42		156	156	26		100						100	37	7	72	0.48	2.2
RC		4M	18		62	62	11		100			9	91			23	6	29	0.32	2.2
RC	**Totals**		1		367	367	62		59		41	2	15		83	30	7	79	0.61	4.6
Totals				0.3	32,153	32,048	5,416		42	39	20	2	4	2	93	34	9	128	0.89	249.9

TC PSTNDSUM

Stand Table Summary

Page 1
Date: 5/6/2026

TT2N RR7W S01 Ty00CC 48.00
TT2N RR7W S01 Ty00MC 39.00
TT2N RR7W S01 Ty00MC 82.00

Project SAPPY
Acres 169.00

Time: 7:35:38AM
Grown Year:

Spc	S T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Net Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		9	4	86	70	8.669	3.83	8.67	8.1	40.0	1.99	70	347	336	118	59
DF		10	1	80	45	1.894	1.03	1.89	7.7	30.0	.41	15	57	70	25	10
DF		11	1	86	70	1.565	1.03	1.56	14.8	60.0	.66	23	94	112	39	16
DF		12	5	84	74	5.835	4.58	5.84	17.5	61.4	2.90	102	358	491	172	61
DF		13	4	87	99	4.155	3.83	8.31	14.9	64.4	3.54	124	536	598	210	90
DF		14	9	85	94	7.447	7.96	14.07	17.7	71.4	7.08	248	1,005	1,197	420	170
DF		15	4	87	103	3.244	3.98	6.49	20.8	85.2	3.84	135	553	650	228	93
DF		16	3	86	104	2.003	2.80	4.01	24.2	99.5	2.76	97	399	467	164	67
DF		17	8	87	104	4.805	7.57	9.61	28.1	116.5	7.70	270	1,119	1,301	456	189
DF		18	9	87	124	4.505	7.96	12.46	27.0	112.5	9.60	337	1,402	1,623	569	237
DF		19	8	87	125	3.672	7.23	10.14	30.3	122.3	8.76	307	1,240	1,480	519	210
DF		20	10	86	127	4.172	9.10	12.52	31.1	125.4	11.10	390	1,569	1,876	658	265
DF		21	11	86	129	4.088	9.83	11.12	39.2	167.6	12.43	436	1,864	2,101	737	315
DF		22	8	86	137	2.608	6.89	7.82	42.1	189.0	9.39	329	1,479	1,587	557	250
DF		23	10	86	134	3.065	8.84	8.58	46.0	202.9	11.25	395	1,741	1,901	667	294
DF		24	9	86	140	2.500	7.85	7.50	50.4	222.5	10.76	378	1,669	1,819	638	282
DF		25	5	87	142	1.326	4.52	3.98	55.1	249.1	6.24	219	990	1,055	370	167
DF		26	2	85	153	.467	1.72	1.40	62.9	290.3	2.51	88	407	424	149	69
DF		27	5	86	135	1.099	4.37	3.30	61.6	275.8	5.78	203	909	977	343	154
DF		28	2	86	131	.413	1.76	1.24	64.9	291.7	2.29	80	361	387	136	61
DF		29	5	85	138	.943	4.32	2.82	68.8	332.2	5.53	194	936	934	328	158
DF		30	1	85	137	.180	.88	.54	79.0	370.0	1.21	43	199	205	72	34
DF		31	2	86	132	.328	1.72	.99	79.5	380.3	2.23	78	375	377	132	63
DF		32	3	85	127	.474	2.65	1.26	83.7	391.2	3.01	106	494	509	179	84
DF		33	2	85	130	.297	1.76	.74	98.7	474.0	2.09	73	352	353	124	59
DF		34	1	85	135	.140	.88	.42	98.0	463.3	1.17	41	194	198	69	33
DF		35	1	85	150	.132	.88	.40	112.9	553.3	1.27	45	219	215	76	37
DF		38	1	84	144	.112	.88	.34	99.4	566.7	.95	33	190	161	56	32
DF		39	1	84	133	.106	.88	.32	97.0	513.3	.88	31	164	149	52	28
DF		Totals	135	86	105	70.244	121.57	148.32	33.0	143.1	139.37	4,890	21,222	23,554	8,265	3,587
WH		8	1	84	50	2.404	.84	2.40	4.9	20.0	.38	12	48	64	20	8
WH		10	2	83	67	3.077	1.68	3.08	9.9	40.0	.97	30	123	164	51	21
WH		11	2	84	75	2.608	1.72	2.61	16.7	60.0	1.39	44	156	236	74	26
WH		12	2	85	84	2.137	1.68	3.21	15.3	53.3	1.57	49	171	265	83	29
WH		13	1	85	104	.957	.88	1.91	16.5	60.0	1.01	32	115	171	53	19
WH		14	5	85	96	4.086	4.37	8.17	18.2	70.1	4.76	149	573	804	251	97
WH		15	4	85	96	2.770	3.40	5.54	22.1	84.8	3.91	122	470	661	207	79
WH		16	6	86	111	4.053	5.66	8.11	28.3	116.2	7.34	229	942	1,241	388	159
WH		17	3	85	99	1.679	2.65	3.36	29.6	115.0	3.19	100	386	538	168	65
WH		18	6	85	113	3.117	5.51	6.82	33.6	128.2	7.34	229	874	1,241	388	148
WH		19	8	85	104	3.497	6.89	6.57	36.5	134.0	7.67	240	880	1,297	405	149
WH		20	6	85	102	2.505	5.47	5.39	39.0	140.8	6.74	211	760	1,139	356	128
WH		21	3	85	118	1.145	2.75	2.29	41.2	170.2	3.02	94	390	510	159	66
WH		23	8	85	120	2.401	6.93	6.59	45.5	190.9	9.59	300	1,259	1,621	506	213
WH		24	3	85	112	.863	2.71	1.99	56.5	228.6	3.60	113	456	609	190	77
WH		26	3	86	128	.800	2.95	2.40	58.6	265.0	4.50	141	636	761	238	107
WH		27	3	85	115	.731	2.90	1.67	73.2	313.4	3.92	122	524	662	207	89
WH		28	1	86	137	.206	.88	.62	62.5	296.7	1.24	39	184	209	65	31
WH		30	1	84	114	.180	.88	.54	71.7	306.7	1.24	39	165	209	65	28
WH		Totals	68	85	97	39.216	60.74	73.27	31.3	124.3	73.38	2,293	9,110	12,401	3,875	1,540
NF		13	1	91	117	1.120	1.03	2.24	18.0	90.0	.97	40	202	164	68	34
NF		14	1	86	110	.785	.84	1.57	20.2	85.0	.76	32	133	129	54	23

TC PSTNDSUM

Stand Table Summary

Page 2
Date: 5/6/2026

TT2N RR7W S01 Ty00CC 48.00
TT2N RR7W S01 Ty00MC 39.00
TT2N RR7W S01 Ty00MC 82.00

Project SAPPY
Acres 169.00

Time: 7:35:38AM
Grown Year:

Spc	S T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Net Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
NF		16	1	85	111	.632	.88	1.26	26.5	105.0	.80	33	133	136	57	22
NF		20	1	87	122	.473	1.03	1.42	29.0	116.7	.99	41	166	167	70	28
NF		22	1	85	136	.334	.88	1.00	40.8	180.0	.98	41	180	166	69	30
NF		24	1	85	124	.281	.88	.84	44.8	190.0	.91	38	160	153	64	27
NF		27	2	87	136	.444	1.76	1.33	61.8	281.7	1.98	82	375	334	139	63
NF		Totals	8	87	119	4.069	7.32	9.67	31.8	139.5	7.39	308	1,349	1,248	520	228
RC		10	2	87	55	3.787	2.07	3.79	10.5	45.0	.93	40	170	158	67	29
RC		26	1	86	115	.280	1.03	.84	53.5	233.3	1.06	45	196	179	76	33
RC		Totals	3	87	59	4.067	3.10	4.63	18.3	79.2	1.99	85	367	337	143	62
DF	S	10	1	85	63	1.539	.84									
DF	S	15	1	86	77	.842	1.03									
DF	S	17	1	77	41	.655	1.03									
DF	S	18	2	83	57	1.169	2.07									
DF	S	Totals	5	83	61	4.204	4.97									
WH	S	18	1	85	92	.475	.84									
WH	S	20	1	85	92	.385	.84									
WH	S	24	1	83	72	.267	.84									
WH	S	Totals	3	85	87	1.127	2.52									
Totals			222	86	100	122.928	200.22	235.89	32.1	135.9	222.13	7,576	32,048	37,540	12,803	5,416

TC PLOGSTVB

Log Stock Table - MBF

TT2N RR7W S01 Ty00CC	48.00
TT2N RR7W S01 Ty00MC	39.00
TT2N RR7W S01 Ty00MC	82.00

Project: SAPPY
Acres 169.00

Page 1
Date 5/6/2026
Time 7:35:34AM

Spp	ST	Sort	Grade	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
DF			2M	40	2,227		2,220	61.9						675	467	748	266	65		
DF			3M	18	2		2	.0					2							
DF			3M	24	2		2	.0					2							
DF			3M	28	4		4	.1			1	3								
DF			3M	32	66		66	1.8			64	2								
DF			3M	34	11		11	.3			7	4								
DF			3M	36	16		16	.4			16									
DF			3M	38	34		34	.9			34									
DF			3M	40	1,045		1,044	29.1			155	457	431							
DF			4M	12	5		5	.1			5									
DF			4M	14	12		12	.3			12									
DF			4M	16	6		6	.2			6									
DF			4M	18	11		11	.3			11									
DF			4M	20	13		13	.4			13									
DF			4M	22	18		18	.5			18									
DF			4M	24	27		27	.7			27									
DF			4M	26	31		31	.9			31									
DF			4M	28	9		9	.3			9									
DF			4M	30	57		57	1.6			57									
DF		Totals			3,594		3,587	66.2			467	465	435	675	467	748	266	65		
WH			2M	36	19		19	1.3								19				
WH			2M	40	770		764	49.6						331	145	267	21			
WH			3M	28	2		2	.1			2									
WH			3M	32	7		7	.5			7									
WH			3M	34	10		10	.7			10									
WH			3M	36	19		19	1.3			19									
WH			3M	38	21		21	1.4			21									
WH			3M	40	631		629	40.9			155	193	274	7						
WH			4M	12	2		2	.1			2									
WH			4M	14	2		2	.1			2									
WH			4M	16	9		9	.6			9									
WH			4M	18	17		17	1.1			17									
WH			4M	20	1		1	.0			1									
WH			4M	22	8		8	.5			8									
WH			4M	26	14		14	.9			14									
WH			4M	28	12		12	.8			12									

TC PLOGSTVB

Log Stock Table - MBF

TT2N RR7W S01 Ty00CC	48.00
TT2N RR7W S01 Ty00MC	39.00
TT2N RR7W S01 Ty00MC	82.00

Project: SAPPY
Acres 169.00

Page 2
Date 5/6/2026
Time 7:35:34AM

Spp	ST	Sort	Grade	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+
WH		4M		30	4		4	.2		4				
WH		Totals			1,548		1,540	28.4		283 193	274 338	145 286	21	
NF		2M		40	120	1.2	119	52.0			34	20 64		
NF		3M		32	9		9	3.9		9				
NF		3M		36	11		11	5.0		11				
NF		3M		38	6		6	2.8		6				
NF		3M		40	77		77	34.0		46	32			
NF		4M		12	1		1	.4		1				
NF		4M		14	2		2	.7		2				
NF		4M		26	3		3	1.2		3				
NF		Totals			229		228	4.2		32 46	32 34	20 64		
RC		2M		40	25		25	40.5				25		
RC		3M		36	19		19	31.0		19				
RC		3M		40	7		7	11.5			7			
RC		4M		14	1		1	1.5		1				
RC		4M		24	10		10	15.5		10				
RC		Totals			62		62	1.1		30	7	25		
Total		All Species			5,434		5,416	100.0		812 704	747 1047	632 1124	287	65

PROJECT STATISTICS

PROJECT SAPPY

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T2N	R7	01	00U1	00CC	48.00	11	49	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	11	49	4.5		
CRUISE	11	49	4.5	6,579	.7
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	27	86.0	14.5	89	25.8	98.2	14,414	14,368	3,378	3,378
DOUG FIR-S	4	9.4	16.9	59	3.5	14.5				
WHEMLOCK	13	21.7	20.0	112	10.6	47.3	8,133	8,049	1,986	1,986
WR CEDAR	3	14.3	11.8	59	3.2	10.9	1,290	1,290	298	298
NOB FIR	2	5.6	15.4	118	1.9	7.3	1,293	1,293	287	287
TOTAL	*49*	*137.1*	*15.4*	*89*	*45.3*	*178.2*	*25,131*	*25,001*	*5,950*	*5,950*

CONFIDENCE LIMITS OF THE SAMPLE

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

CL 68.1 SD: 1.0 — **SAMPLE TREES - BF**

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR	79.6	15.6	217	257	297			
DOUG FIR-S								
WHEMLOCK	53.1	15.3	375	443	511			
WR CEDAR	143.7	99.4	1	263	525			
NOB FIR	45.4	42.5	152	265	378			
TOTAL	*83.3*	*11.9*	*252*	*286*	*320*	*277*	*69*	*31*

CL 68.1 SD: 1.0 — **SAMPLE TREES - CF**

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR	73.0	14.3	51	60	68			
DOUG FIR-S								
WHEMLOCK	45.0	13.0	94	108	122			
WR CEDAR	143.2	99.1	1	61	120			
NOB FIR	58.6	54.9	28	62	95			
TOTAL	*78.3*	*11.2*	*60*	*68*	*75*	*245*	*61*	*27*

CL 68.1 SD: 1.0 — **TREES/ACRE**

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	90.2	28.5	61	86	111			
DOUG FIR-S	181.8	57.4	4	9	15			
WHEMLOCK	183.3	57.9	9	22	34			
WR CEDAR	205.0	64.8	5	14	24			
NOB FIR	243.9	77.0	1	6	10			
TOTAL	*52.1*	*16.5*	*115*	*137*	*160*	*119*	*30*	*13*

CL 68.1 SD: 1.0 — **BASAL AREA/ACRE**

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	84.2	26.6	72	98	124			
DOUG FIR-S	185.4	58.6	6	15	23			
WHEMLOCK	168.5	53.2	22	47	72			
WR CEDAR	171.3	54.1	5	11	17			
NOB FIR	222.5	70.3	2	7	12			
TOTAL	*27.2*	*8.6*	*163*	*178*	*194*	*33*	*8*	*4*

PROJECT STATISTICS

PROJECT **SAPPY**

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T2N	R7	01	00U1	00CC	48.00	11	49	S	W

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	101.7	32.1	9,753	14,368	18,983			
DOUG FIR-S								
WHEMLOCK	180.3	57.0	3,463	8,049	12,635			
WR CEDAR	195.4	61.7	494	1,290	2,087			
NOB FIR	223.8	70.7	379	1,293	2,208			
TOTAL	*56.4*	*17.8*	*20,551*	*25,001*	*29,452*	*139*	*35*	*15*

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	95.9	30.3	2,355	3,378	4,401			
DOUG FIR-S								
WHEMLOCK	173.6	54.9	897	1,986	3,075			
WR CEDAR	193.3	61.1	116	298	481			
NOB FIR	222.5	70.3	85	287	489			
TOTAL	*52.0*	*16.4*	*4,971*	*5,950*	*6,928*	*119*	*30*	*13*

TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

TT2N RR7W S01 Ty00CC 48.00

Project: **SAPPY**

Acres **48.00**

Page **1**

Date **5/6/2026**

Time **7:41:29AM**

Spp	ST	So Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		2M	36	.9	5,217	5,172	248			78	22				100	40	14	281	1.54	18.4
DF		3M	51		7,356	7,356	353		100					4	96	39	8	103	0.64	71.3
DF		4M	13		1,840	1,840	88		100			14	86			25	6	32	0.32	56.9
DF	**Totals**		57	.3	14,414	14,368	690		64	28	8	2	11	2	85	34	8	98	0.68	146.7
DF	S	CU														28	8		0.00	14.4
DF	**Totals**															28	8		0.00	14.4
RC		2M	40		523	523	25				100				100	40	18	530	2.73	1.0
RC		3M	42		548	548	26		100						100	37	7	72	0.48	7.7
RC		4M	18		220	220	11		100			9	91			23	6	29	0.32	7.7
RC	**Totals**		5		1,290	1,290	62		59		41	2	15		83	30	7	79	0.61	16.3
NF		2M	30		400	400	19			100					100	40	13	240	1.45	1.7
NF		3M	67		860	860	41		100						100	38	8	90	0.50	9.6
NF		4M	3		33	33	2		100			100				14	6	20	0.27	1.7
NF	**Totals**		5		1,293	1,293	62		69	31		3			97	35	8	100	0.63	12.9
WH		2M	60	1.5	4,925	4,850	233			56	44				100	40	14	325	1.88	14.9
WH		3M	38	.3	3,097	3,088	148		100					2	98	40	8	111	0.75	27.9
WH		4M	2		111	111	5		100			55	45			20	6	24	0.40	4.7
WH	**Totals**		32	1.0	8,133	8,049	386		40	34	26	1	1	1	98	38	10	169	1.10	47.5
Totals				0.5	25,131	25,001	1,200		56	29	15	1	7	1	90	34	8	105	0.73	237.8

TC PSTNDSUM

Stand Table Summary

Page 1
Date: 5/6/2026

TT2N RR7W S01 Ty00CC 48.00

Project SAPPY
Acres 48.00

Time: 7:41:31AM
Grown Year:

Spc	S T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Net Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		9	2	87	71	16.462	7.27	16.46	8.2	40.0	3.84	135	658	184	65	32
DF		10	1	80	45	6.667	3.64	6.67	7.7	30.0	1.46	51	200	70	25	10
DF		11	1	86	70	5.510	3.64	5.51	14.8	60.0	2.33	82	331	112	39	16
DF		12	2	85	65	9.260	7.27	9.26	15.7	55.0	4.14	145	509	199	70	24
DF		13	2	88	102	7.890	7.27	15.78	15.8	72.5	7.10	249	1,144	341	120	55
DF		14	1	87	87	3.402	3.64	6.80	15.2	55.0	2.94	103	374	141	50	18
DF		15	3	88	102	8.890	10.91	17.78	20.5	86.7	10.39	365	1,541	499	175	74
DF		16	1	88	93	2.604	3.64	5.21	22.9	90.0	3.40	119	469	163	57	23
DF		17	4	89	96	9.228	14.55	18.46	27.2	112.5	14.31	502	2,076	687	241	100
DF		18	1	89	100	2.058	3.64	4.12	32.5	130.0	3.81	134	535	183	64	26
DF		19	2	90	131	3.694	7.27	11.08	28.7	123.3	9.07	318	1,367	435	153	66
DF		20	3	87	129	5.000	10.91	15.00	31.8	130.0	13.61	478	1,950	653	229	94
DF		21	2	88	129	3.024	7.27	7.56	42.6	188.0	9.18	322	1,421	441	155	68
DF		23	1	89	146	1.260	3.64	3.78	50.1	240.0	5.40	189	907	259	91	44
DF		25	1	89	148	1.067	3.64	3.20	58.1	276.7	5.30	186	885	254	89	42
DF		Totals	27	87	89	86.015	98.18	146.66	23.0	98.0	96.27	3,378	14,368	4,621	1,621	690
WH		16	3	87	111	7.813	10.91	15.63	29.1	120.0	14.56	455	1,875	699	218	90
WH		18	2	85	120	4.116	7.27	10.29	31.1	124.0	10.25	320	1,276	492	154	61
WH		20	2	87	94	3.334	7.27	6.67	39.5	130.0	8.42	263	867	404	126	42
WH		21	1	86	111	1.512	3.64	3.02	48.9	190.0	4.73	148	574	227	71	28
WH		24	1	86	111	1.157	3.64	2.31	63.8	250.0	4.72	148	579	227	71	28
WH		26	2	86	128	1.973	7.27	5.92	59.1	270.0	11.19	350	1,598	537	168	77
WH		27	2	85	112	1.829	7.27	3.66	82.6	350.0	9.67	302	1,280	464	145	61
WH		Totals	13	86	112	21.733	47.27	47.50	41.8	169.5	63.55	1,986	8,049	3,051	953	386
NF		13	1	91	117	3.945	3.64	7.89	18.0	90.0	3.41	142	710	164	68	34
NF		20	1	87	122	1.667	3.64	5.00	29.0	116.7	3.48	145	583	167	70	28
NF		Totals	2	90	118	5.612	7.27	12.89	22.3	100.3	6.89	287	1,293	331	138	62
RC		10	2	87	55	13.334	7.27	13.33	10.5	45.0	3.29	140	600	158	67	29
RC		26	1	86	115	.986	3.64	2.96	53.5	233.3	3.72	158	690	179	76	33
RC		Totals	3	87	59	14.321	10.91	16.29	18.3	79.2	7.01	298	1,290	337	143	62
DF	S	15	1	86	77	2.963	3.64									
DF	S	17	1	77	41	2.307	3.64									
DF	S	18	2	83	57	4.116	7.27									
DF	S	Totals	4	82	59	9.386	14.55									
Totals			49	87	89	137.067	178.18	223.34	26.6	111.9	173.73	5,950	25,001	8,339	2,856	1,200

TC PLOGSTVB

Log Stock Table - MBF

TT2N RR7W S01 Ty00CC 48.00

Project: SAPPY
Acres 48.00

Page 1
Date 5/6/2026
Time 7:41:29AM

Spp	ST	Sort	Grade	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
DF		2M		40	250		248	36.0						125	68	55				
DF		3M		32	15		15	2.1			15									
DF		3M		36	6		6	.9			6									
DF		3M		38	15		15	2.2			15									
DF		3M		40	317		317	46.0			44	128	145							
DF		4M		14	7		7	1.0			7									
DF		4M		16	2		2	.2			2									
DF		4M		18	3		3	.5			3									
DF		4M		22	9		9	1.2			9									
DF		4M		24	10		10	1.4			10									
DF		4M		26	3		3	.4			3									
DF		4M		28	6		6	.9			6									
DF		4M		30	49		49	7.2			49									
DF		Totals			692		690	57.5			168	128	145	125	68	55				
RC		2M		40	25		25	40.5								25				
RC		3M		36	19		19	31.0			19									
RC		3M		40	7		7	11.5					7							
RC		4M		14	1		1	1.5			1									
RC		4M		24	10		10	15.5			10									
RC		Totals			62		62	5.2			30		7			25				
NF		2M		40	19		19	30.9						19						
NF		3M		36	11		11	18.3			11									
NF		3M		40	30		30	48.2				30								
NF		4M		14	2		2	2.6			2									
NF		Totals			62		62	5.2			13	30		19						
WH		2M		40	236	1.5	233	60.3						88	21	123				
WH		3M		34	2		2	.6			2									
WH		3M		40	146		146	37.8			35	27	83							
WH		4M		16	3		3	.8			3									
WH		4M		26	2		2	.6			2									
WH		Totals			390	1.0	386	32.2			43	27	83	88	21	123				
Total		All Species			1,206		1,200	100.0			254	185	235	233	89	203				

TC PSTATS

PROJECT STATISTICS

PROJECT SAPPY

DATE 5/6/2026

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T2N	R7	01	00U2	00MC	39.00	11	70	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	11	70	6.4		
CRUISE	11	70	6.4	6,474	1.1
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	37	70.0	18.8	115	31.1	134.5	24,716	24,716	5,767	5,767
DOUG FIR-S	1	6.7	10.0	63	1.1	3.6				
WHEMLOCK	28	81.0	15.2	87	26.1	101.8	14,017	14,017	3,574	3,574
WHEMLOCK-S	3	4.9	20.2	87	2.4	10.9				
NOB FIR	1	3.4	14.0	110	1.0	3.6	578	578	138	138
TOTAL	*70*	*166.0*	*16.8*	*99*	*62.2*	*254.5*	*39,310*	*39,310*	*9,478*	*9,478*

CONFIDENCE LIMITS OF THE SAMPLE

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

CL 68.1 SD: 1.0

SAMPLE TREES - BF

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR	63.9	10.5	433	484	534			
DOUG FIR-S								
WHEMLOCK	72.6	14.0	238	276	315			
WHEMLOCK-S								
NOB FIR								
TOTAL	*78.9*	*9.4*	*334*	*369*	*403*	*249*	*62*	*28*

CL 68.1 SD: 1.0

SAMPLE TREES - CF

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR	55.4	9.1	100	110	120			
DOUG FIR-S								
WHEMLOCK	65.8	12.7	60	69	78			
WHEMLOCK-S								
NOB FIR								
TOTAL	*69.7*	*8.3*	*79*	*86*	*94*	*194*	*49*	*22*

CL 68.1 SD: 1.0

TREES/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	81.6	25.8	52	70	88			
DOUG FIR-S	331.7	104.8		7	14			
WHEMLOCK	73.2	23.1	62	81	100			
WHEMLOCK-S	257.3	81.3	1	5	9			
NOB FIR	331.7	104.8		3	7			
TOTAL	*36.5*	*11.5*	*147*	*166*	*185*	*59*	*15*	*7*

CL 68.1 SD: 1.0

BASAL AREA/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	73.2	23.1	103	135	166			
DOUG FIR-S	331.7	104.8		4	7			
WHEMLOCK	83.1	26.2	75	102	129			
WHEMLOCK-S	237.1	74.9	3	11	19			
NOB FIR	331.7	104.8		4	7			
TOTAL	*39.9*	*12.6*	*222*	*255*	*287*	*70*	*17*	*8*

PROJECT **SAPPY**

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T2N	R7	01	00U2	00MC	39.00	11	70	S	W

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	80.9	25.5	18,401	24,716	31,030			
DOUG FIR-S								
WHEMLOCK	108.2	34.2	9,224	14,017	18,809			
WHEMLOCK-S								
NOB FIR	331.7	104.8		578	1,184			
TOTAL	*53.3*	*16.8*	*32,687*	*39,310*	*45,934*	*125*	*31*	*14*

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	77.9	24.6	4,347	5,767	7,187			
DOUG FIR-S								
WHEMLOCK	101.9	32.2	2,423	3,574	4,724			
WHEMLOCK-S								
NOB FIR	331.7	104.8		138	282			
TOTAL	*48.6*	*15.3*	*8,024*	*9,478*	*10,933*	*104*	*26*	*12*

TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

TT2N RR7W S01 Ty00MC 39.00

Project: **SAPPY**

Acres **39.00**

Page **1**

Date **5/6/2026**

Time **7:44:14AM**

Spp	ST	Sort Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log: Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
WH		CU														11	11		0.00	10.9
WH		2M	46		6,496	6,496	253			84	16				100	40	14	280	1.66	23.2
WH		3M	47		6,666	6,666	260		97	3				3	97	39	8	92	0.64	72.1
WH		4M	7		855	855	33		100			66	34			19	6	22	0.31	38.6
WH	**Totals**		36		14,017	14,017	547		52	40	7	4	2	1	93	32	8	97	0.77	144.8
WH	S	CU														35	10		0.00	9.8
WH	**Totals**															35	10		0.00	9.8
DF		2M	64		15,882	15,882	619			74	26				100	40	14	321	1.76	49.4
DF		3M	33		8,200	8,200	320		100			1		7	92	39	8	97	0.64	84.3
DF		4M	3		634	634	25		100			46	54			19	6	22	0.34	29.0
DF	**Totals**		63		24,716	24,716	964		36	47	17	1	1	2	95	36	10	152	1.00	162.7
DF	S	CU														33	6		0.00	6.7
DF	**Totals**															33	6		0.00	6.7
NF		3M	100		578	578	23		100					29	71	36	8	85	0.56	6.8
NF	**Totals**		1		578	578	23		100					29	71	36	8	85	0.56	6.8
Totals					39,310	39,310	1,533		43	44	13	2	2	2	94	34	9	119	0.85	330.8

TC PSTNDSUM

Stand Table Summary

Page 1
Date: 5/6/2026

TT2N RR7W S01 Ty00MC 39.00

Project SAPPY
Acres 39.00

Time: 7:44:16AM
Grown Year:

Spc	S T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Net Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		12	3	84	81	13.890	10.91	13.89	18.9	66.7	7.48	263	926	292	102	36
DF		14	3	85	99	10.205	10.91	20.41	17.8	73.3	10.33	363	1,497	403	141	58
DF		17	2	85	113	4.614	7.27	9.23	29.1	120.0	7.66	269	1,107	299	105	43
DF		18	3	89	118	6.173	10.91	16.46	27.9	118.7	13.08	459	1,955	510	179	76
DF		19	3	85	123	5.541	10.91	14.77	31.8	123.8	13.38	469	1,828	522	183	71
DF		20	4	85	125	6.667	14.55	20.00	30.9	119.2	17.59	617	2,384	686	241	93
DF		21	4	86	130	6.047	14.55	16.63	39.2	166.4	18.59	652	2,767	725	254	108
DF		22	4	87	138	5.510	14.55	16.53	42.7	196.7	20.10	705	3,251	784	275	127
DF		23	3	85	135	3.781	10.91	11.34	45.5	200.0	14.72	517	2,269	574	201	88
DF		24	2	85	148	2.315	7.27	6.94	52.4	230.0	10.37	364	1,597	404	142	62
DF		25	1	85	141	1.067	3.64	3.20	54.5	236.7	4.97	175	757	194	68	30
DF		26	1	85	144	.986	3.64	2.96	61.0	276.7	5.14	180	819	201	70	32
DF		27	1	85	144	.915	3.64	2.74	66.0	300.0	5.16	181	823	201	71	32
DF		29	2	86	158	1.586	7.27	5.55	70.1	354.3	11.08	389	1,966	432	152	77
DF		31	1	85	131	.694	3.64	2.08	79.0	370.0	4.69	164	770	183	64	30
DF		Totals	37	85	115	69.990	134.55	162.75	35.4	151.9	164.36	5,767	24,716	6,410	2,249	964
WH		8	1	84	50	10.417	3.64	10.42	4.9	20.0	1.64	51	208	64	20	8
WH		10	2	83	67	13.334	7.27	13.33	9.9	40.0	4.21	132	533	164	51	21
WH		11	1	82	67	5.510	3.64	5.51	16.3	60.0	2.87	90	331	112	35	13
WH		12	2	85	84	9.260	7.27	13.89	15.3	53.3	6.79	212	741	265	83	29
WH		14	1	86	84	3.402	3.64	6.80	16.6	55.0	3.62	113	374	141	44	15
WH		15	3	85	97	8.890	10.91	17.78	22.5	90.0	12.80	400	1,600	499	156	62
WH		16	2	86	114	5.209	7.27	10.42	28.0	115.0	9.32	291	1,198	364	114	47
WH		18	2	85	109	4.116	7.27	8.23	35.3	130.0	9.31	291	1,070	363	113	42
WH		19	4	84	99	7.387	14.55	12.93	37.9	135.7	15.68	490	1,755	611	191	68
WH		20	3	84	113	5.000	10.91	11.67	38.4	147.1	14.35	449	1,717	560	175	67
WH		21	1	85	122	1.512	3.64	3.02	30.2	125.0	2.92	91	378	114	36	15
WH		23	3	85	126	3.781	10.91	11.34	44.0	190.0	15.97	499	2,155	623	195	84
WH		24	2	85	113	2.315	7.27	5.79	52.9	218.0	9.80	306	1,262	382	119	49
WH		27	1	84	122	.915	3.64	2.74	57.8	253.3	5.07	158	695	198	62	27
WH		Totals	28	84	87	81.047	101.82	133.88	26.7	104.7	114.36	3,574	14,017	4,460	1,394	547
NF		14	1	86	110	3.402	3.64	6.80	20.2	85.0	3.30	138	578	129	54	23
NF		Totals	1	86	110	3.402	3.64	6.80	20.2	85.0	3.30	138	578	129	54	23
DF	S	10	1	85	63	6.667	3.64									
DF	S	Totals	1	85	63	6.667	3.64									
WH	S	18	1	85	92	2.058	3.64									
WH	S	20	1	85	92	1.667	3.64									
WH	S	24	1	83	72	1.157	3.64									
WH	S	Totals	3	85	87	4.882	10.91									
Totals			70	85	99	165.988	254.55	303.43	31.2	129.6	282.02	9,478	39,310	10,999	3,696	1,533

TC PLOGSTVB

Log Stock Table - MBF

TT2N RR7W S01 Ty00MC 39.00

Project: SAPPY
Acres 39.00

Date 5/6/2026
Time 7:44:14AM

Spp	ST	Sort	Grade	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+
WH			2M	36	19		19	3.5				19		
WH			2M	40	234		234	42.8			121	53 60		
WH			3M	32	4		4	.7		4				
WH			3M	34	3		3	.5		3				
WH			3M	36	13		13	2.4		13				
WH			3M	38	16		16	2.9		16				
WH			3M	40	225		225	41.1		72 52	94 7			
WH			4M	12	0		0	.1		0				
WH			4M	14	1		1	.2		1				
WH			4M	16	4		4	.7		4				
WH			4M	18	16		16	2.9		16				
WH			4M	20	1		1	.1		1				
WH			4M	22	3		3	.6		3				
WH			4M	26	3		3	.5		3				
WH			4M	28	5		5	.9		5				
WH		Totals			547		547	35.7		140 52	94 128	53 79		
DF			2M	40	619		619	64.3			229	129 196	66	
DF			3M	18	2		2	.2			2			
DF			3M	32	16		16	1.7		16				
DF			3M	34	7		7	.7		7				
DF			3M	36	7		7	.8		7				
DF			3M	38	3		3	.3		3				
DF			3M	40	285		285	29.6		61 104	120			
DF			4M	12	3		3	.3		3				
DF			4M	14	3		3	.3		3				
DF			4M	20	6		6	.6		6				
DF			4M	22	2		2	.2		2				
DF			4M	24	8		8	.8		8				
DF			4M	26	1		1	.2		1				
DF			4M	28	2		2	.2		2				
DF		Totals			964		964	62.9		119 104	122 229	129 196	66	
NF			3M	32	7		7	29.4		7				
NF			3M	40	16		16	70.6		16				
NF		Totals			23		23	1.5		7 16				

TC PLOGSTVB

Log Stock Table - MBF

TT2N RR7W S01 Ty00MC 39.00

Project: SAPPY
Acres 39.00

Date 5/6/2026
Time 7:44:14AM

Spp	ST	So Grade	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+
Total		All Species		1,533		1,533	100.0			266	171	216	357	181	276	66			

TC PSTATS

PROJECT STATISTICS

PROJECT SAPPY

DATE 5/6/2026

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T2N	R7	01	00U3	00MC	82.00	22	103	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	22	103	4.7		
CRUISE	22	103	4.7	7,722	1.3
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	71	61.1	19.7	114	29.1	129.1	23,643	23,572	5,359	5,359
WHEMLOCK	27	29.6	17.5	103	11.8	49.1	7,451	7,398	1,864	1,864
NOB FIR	5	3.5	21.9	125	1.9	9.1	1,766	1,748	401	401
TOTAL	*103*	*94.2*	*19.1*	*111*	*42.9*	*187.3*	*32,860*	*32,719*	*7,623*	*7,623*

CONFIDENCE LIMITS OF THE SAMPLE

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

CL 68.1 SD: 1.0

SAMPLE TREES - BF

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR	67.5	8.0	552	600	648			
WHEMLOCK	67.8	13.3	293	338	383			
NOB FIR	43.8	21.8	471	602	733			
TOTAL	*70.9*	*7.0*	*494*	*531*	*569*	*201*	*50*	*22*

CL 68.1 SD: 1.0

SAMPLE TREES - CF

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DOUG FIR	59.4	7.0	123	132	142			
WHEMLOCK	60.1	11.8	73	83	93			
NOB FIR	40.3	20.0	109	136	163			
TOTAL	*61.8*	*6.1*	*112*	*120*	*127*	*153*	*38*	*17*

CL 68.1 SD: 1.0

TREES/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	90.3	19.7	49	61	73			
WHEMLOCK	119.3	26.0	22	30	37			
NOB FIR	285.6	62.3	1	3	6			
TOTAL	*75.8*	*16.5*	*79*	*94*	*110*	*240*	*60*	*27*

CL 68.1 SD: 1.0

BASAL AREA/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	50.5	11.0	115	129	143			
WHEMLOCK	106.5	23.2	38	49	60			
NOB FIR	269.2	58.7	4	9	14			
TOTAL	*39.2*	*8.5*	*171*	*187*	*203*	*64*	*16*	*7*

CL 68.1 SD: 1.0

NET BF/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	56.3	12.3	20,681	23,572	26,463			
WHEMLOCK	110.7	24.1	5,613	7,398	9,184			
NOB FIR	269.2	58.7	722	1,748	2,774			
TOTAL	*42.1*	*9.2*	*29,717*	*32,719*	*35,720*	*74*	*19*	*8*

CL 68.1 SD: 1.0

NET CUFT FT/ACRE

	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DOUG FIR	54.4	11.9	4,723	5,359	5,995			
WHEMLOCK	109.3	23.8	1,420	1,864	2,308			

TC PSTATS

PROJECT STATISTICS

PROJECT SAPPY

DATE 5/6/2026

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T2N	R7	01	00U3	00MC	82.00	22	103	S	W

CL 68.1
SD: 1.00

	COEFF VAR.	S.E.%	NET CUFT FT/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
NOB FIR	268.2	58.5	166	401	635			
TOTAL	*40.9*	*8.9*	*6,943*	*7,623*	*8,303*	*70*	*17*	*8*

TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

TT2N RR7W S01 Ty00MC 82.00

Project: **SAPPY**

Acres **82.00**

Page **1**

Date **5/6/2026**

Time **7:46:37AM**

Spp	ST	Sort Grad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log: Ln Ft	Dia In	Bd Ft	CF/ Lf	Logs Per /Acre
DF		CU														13	24		0.00	2.1
DF		2M	69	.3	16,552	16,496	1,353			58	42				100	40	15	365	1.95	45.1
DF		3M	27	.2	6,156	6,141	504		100				1	8	91	38	8	101	0.66	61.1
DF		4M	4		935	935	77		100			32	68			22	6	26	0.35	36.2
DF	**Totals**		72	.3	23,643	23,572	1,933		30	40	30	1	3	2	94	34	10	163	1.08	144.5
WH		CU														5	17		0.00	5.4
WH		2M	48	1.0	3,657	3,619	297			79	21				100	40	14	298	1.72	12.1
WH		3M	47	.4	3,433	3,418	280		100				1	3	96	39	8	101	0.69	34.0
WH		4M	5		361	361	30		100			18	82			23	6	27	0.34	13.4
WH	**Totals**		23	.7	7,451	7,398	607		51	38	10	1	4	1	93	33	9	114	0.87	64.9
NF		2M	69	1.5	1,229	1,211	99			55	45				100	40	16	391	2.11	3.1
NF		3M	28		491	491	40		100					6	94	39	8	113	0.75	4.3
NF		4M	3		46	46	4		100			25	75			21	6	27	0.42	1.7
NF	**Totals**		5	1.0	1,766	1,748	143		31	38	31	1	2	2	96	36	10	191	1.22	9.2
Totals				0.4	32,860	32,719	2,683		35	40	25	1	3	2	94	34	10	150	1.02	218.6

TC PSTNDSUM

Stand Table Summary

Page 1
Date: 5/6/2026

TT2N RR7W S01 Ty00MC 82.00

Project SAPPY
Acres 82.00

Time: 7:46:36AM
Grown Year:

Spc	S T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Net Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		9	2	85	70	8.231	3.64	8.23	7.9	40.0	1.86	65	329	152	53	27
DF		13	2	86	94	3.945	3.64	7.89	13.9	55.0	3.13	110	434	257	90	36
DF		14	5	85	93	8.504	9.09	15.31	18.2	74.4	7.96	279	1,140	652	229	93
DF		15	1	84	105	1.482	1.82	2.96	21.8	80.0	1.84	65	237	151	53	19
DF		16	2	85	111	2.604	3.64	5.21	25.0	105.0	3.71	130	547	304	107	45
DF		17	2	85	113	2.307	3.64	4.61	29.3	122.5	3.85	135	565	316	111	46
DF		18	5	86	134	5.144	9.09	15.43	25.8	106.7	11.34	398	1,646	930	326	135
DF		19	3	86	121	2.770	5.45	7.39	30.3	120.0	6.37	224	886	523	183	73
DF		20	3	87	126	2.500	5.45	7.50	30.6	127.8	6.54	230	958	537	188	79
DF		21	5	86	129	3.780	9.09	10.58	37.8	160.0	11.41	400	1,693	936	328	139
DF		22	4	86	137	2.755	7.27	8.27	41.6	181.7	9.79	343	1,501	803	282	123
DF		23	6	86	131	3.781	10.91	10.08	45.3	196.2	13.02	457	1,979	1,068	375	162
DF		24	7	86	138	4.051	12.73	12.15	49.8	220.5	17.25	605	2,680	1,415	496	220
DF		25	3	86	139	1.600	5.45	4.80	54.1	242.2	7.40	260	1,163	607	213	95
DF		26	1	85	161	.493	1.82	1.48	64.7	303.3	2.73	96	449	224	79	37
DF		27	4	86	133	1.829	7.27	5.49	60.5	270.0	9.46	332	1,482	776	272	121
DF		28	2	86	131	.850	3.64	2.55	64.9	291.7	4.72	166	744	387	136	61
DF		29	3	84	125	1.189	5.45	3.17	67.8	313.7	6.12	215	995	502	176	82
DF		30	1	85	137	.370	1.82	1.11	79.0	370.0	2.50	88	411	205	72	34
DF		31	1	87	133	.347	1.82	1.04	80.0	390.0	2.37	83	406	194	68	33
DF		32	3	85	127	.977	5.45	2.60	83.7	391.2	6.21	218	1,019	509	179	84
DF		33	2	85	130	.612	3.64	1.53	98.7	474.0	4.31	151	725	353	124	59
DF		34	1	85	135	.288	1.82	.87	98.0	463.3	2.42	85	401	198	69	33
DF		35	1	85	150	.272	1.82	.82	112.9	553.3	2.63	92	452	215	76	37
DF		38	1	84	144	.231	1.82	.69	99.4	566.7	1.96	69	392	161	56	32
DF		39	1	84	133	.219	1.82	.66	97.0	513.3	1.82	64	338	149	52	28
DF		Totals	71	86	114	61.133	129.09	142.43	37.6	165.5	152.72	5,359	23,572	12,523	4,394	1,933
WH		11	1	85	82	2.755	1.82	2.76	17.1	60.0	1.51	47	165	124	39	14
WH		13	1	85	104	1.973	1.82	3.95	16.5	60.0	2.09	65	237	171	53	19
WH		14	4	85	99	6.803	7.27	13.61	18.6	73.7	8.08	253	1,003	663	207	82
WH		15	1	84	93	1.482	1.82	2.96	20.8	70.0	1.98	62	207	162	51	17
WH		16	1	85	103	1.302	1.82	2.60	26.1	105.0	2.17	68	273	178	56	22
WH		17	3	85	99	3.460	5.45	6.92	29.6	115.0	6.56	205	796	538	168	65
WH		18	2	85	109	2.058	3.64	4.12	35.7	132.5	4.70	147	545	386	120	45
WH		19	4	85	109	3.694	7.27	7.39	35.3	132.5	8.35	261	979	685	214	80
WH		20	1	85	92	.833	1.82	1.67	40.0	145.0	2.13	67	242	175	55	20
WH		21	1	85	122	.756	1.82	1.51	42.5	190.0	2.06	64	287	169	53	24
WH		23	5	85	117	3.151	9.09	8.19	46.4	191.5	12.17	380	1,569	998	312	129
WH		26	1	86	130	.493	1.82	1.48	57.6	253.3	2.73	85	375	224	70	31
WH		28	1	86	137	.425	1.82	1.28	62.5	296.7	2.55	80	378	209	65	31
WH		30	1	84	114	.370	1.82	1.11	71.7	306.7	2.55	80	341	209	65	28
WH		Totals	27	85	103	29.555	49.09	59.53	31.3	124.3	59.64	1,864	7,398	4,890	1,528	607
NF		16	1	85	111	1.302	1.82	2.60	26.5	105.0	1.65	69	273	136	57	22
NF		22	1	85	136	.689	1.82	2.07	40.8	180.0	2.02	84	372	166	69	30
NF		24	1	85	124	.579	1.82	1.74	44.8	190.0	1.87	78	330	153	64	27
NF		27	2	87	136	.915	3.64	2.74	61.8	281.7	4.07	170	773	334	139	63
NF		Totals	5	86	125	3.484	9.09	9.15	43.8	191.0	9.62	401	1,748	789	329	143
Totals			103	85	111	94.173	187.27	211.11	36.1	155.0	221.98	7,623	32,719	18,202	6,251	2,683

TC PLOGSTVB

Log Stock Table - MBF

TT2N RR7W S01 Ty00MC 82.00

Project: SAPPY
Acres 82.00

Date 5/6/2026
Time 7:46:35AM

Spp	ST	Sort	Grade	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
DF		2M		40	1,357		1,353	70.0						321	270	497	200	65		
DF		3M		24	2		2	.1					2							
DF		3M		28	4		4	.2			1	3								
DF		3M		32	35		35	1.8			34	2								
DF		3M		34	4		4	.2				4								
DF		3M		36	2		2	.1			2									
DF		3M		38	16		16	.8			16									
DF		3M		40	442		441	22.8			49	225	166							
DF		4M		12	2		2	.1			2									
DF		4M		14	2		2	.1			2									
DF		4M		16	4		4	.2			4									
DF		4M		18	8		8	.4			8									
DF		4M		20	7		7	.4			7									
DF		4M		22	7		7	.4			7									
DF		4M		24	9		9	.5			9									
DF		4M		26	27		27	1.4			27									
DF		4M		28	1		1	.1			1									
DF		4M		30	8		8	.4			8									
DF		Totals			1,939		1,933	72.0			179	233	168	321	270	497	200	65		
WH		2M		40	300	1.0	297	48.9						121	71	84	21			
WH		3M		28	2		2	.3			2									
WH		3M		32	3		3	.6			3									
WH		3M		34	5		5	.8			5									
WH		3M		36	6		6	1.1			6									
WH		3M		38	6		6	.9			6									
WH		3M		40	260		258	42.6			49	113	96							
WH		4M		12	1		1	.2			1									
WH		4M		14	1		1	.1			1									
WH		4M		16	3		3	.5			3									
WH		4M		18	1		1	.2			1									
WH		4M		22	4		4	.7			4									
WH		4M		26	9		9	1.5			9									
WH		4M		28	7		7	1.2			7									
WH		4M		30	4		4	.6			4									
WH		Totals			611		607	22.6			100	113	96	121	71	84	21			

TC PLOGSTVB

Log Stock Table - MBF

TT2N RR7W S01 Ty00MC 82.00

Project: SAPPY
Acres 82.00

Date 5/6/2026
Time 7:46:35AM

Spp	ST	Sort	Grade	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+
NF		2M		40	101	1.5	99	69.3						15	20	64				
NF		3M		32	2		2	1.6			2									
NF		3M		38	6		6	4.5			6									
NF		3M		40	32		32	22.1					32							
NF		4M		12	1		1	.7			1									
NF		4M		26	3		3	2.0			3									
NF		Totals			145	1.0	143	5.3			12		32	15	20	64				
Total		All Species			2,695		2,683	100.0			292	347	296	457	361	645	221	65		

Volume Summary
(Shown in MBF)
Sappy
FG-341-2026-W01285-01
February 2026

UNIT 1: CC (48 ACRES)

SPECIES		2 SAW	3 SAW	4 SAW	TOTAL
Douglas-fir	Cruise Volume	248	353	88	689
	Hidden D&B (2%)	(5)	(7)	(2)	(14)
	NET TOTAL	243	346	86	675
	% of Total	36	51	13	
Western redcedar	Cruise Volume	25	26	11	62
	Hidden D&B (2%)	(1)	(1)	(0)	(2)
	NET TOTAL	24	25	11	60
	% of Total	40	42	18	
Noble fir	Cruise Volume	19	41	2	62
	Hidden D&B (2%)	(0)	(1)	(0)	(1)
	NET TOTAL	19	40	2	61
	% of Total	31	66	3	
Western hemlock	Cruise Volume	233	148	5	386
	Hidden D&B (2%)	(5)	(3)	(0)	(8)
	NET TOTAL	228	145	5	378
	% of Total	60	39	1	

UNIT 2: CC (39 ACRES)

SPECIES		2 SAW	3 SAW	4 SAW	TOTAL
Douglas-fir	Cruise Volume	619	320	25	964
	Hidden D&B (2%)	(12)	(6)	(1)	(19)
	NET TOTAL	607	314	24	945
	% of Total	64	33	3	
Noble fir	Cruise Volume	0	23	0	23
	Hidden D&B (2%)	(0)	(1)	(0)	(1)
	NET TOTAL	0	22	0	22
	% of Total	0	100	0	
Western hemlock	Cruise Volume	253	260	33	546
	Hidden D&B (2%)	(13)	(13)	(2)	(28)
	NET TOTAL	240	247	31	518
	% of Total	46	48	6	

UNIT 3: CC (82 ACRES)

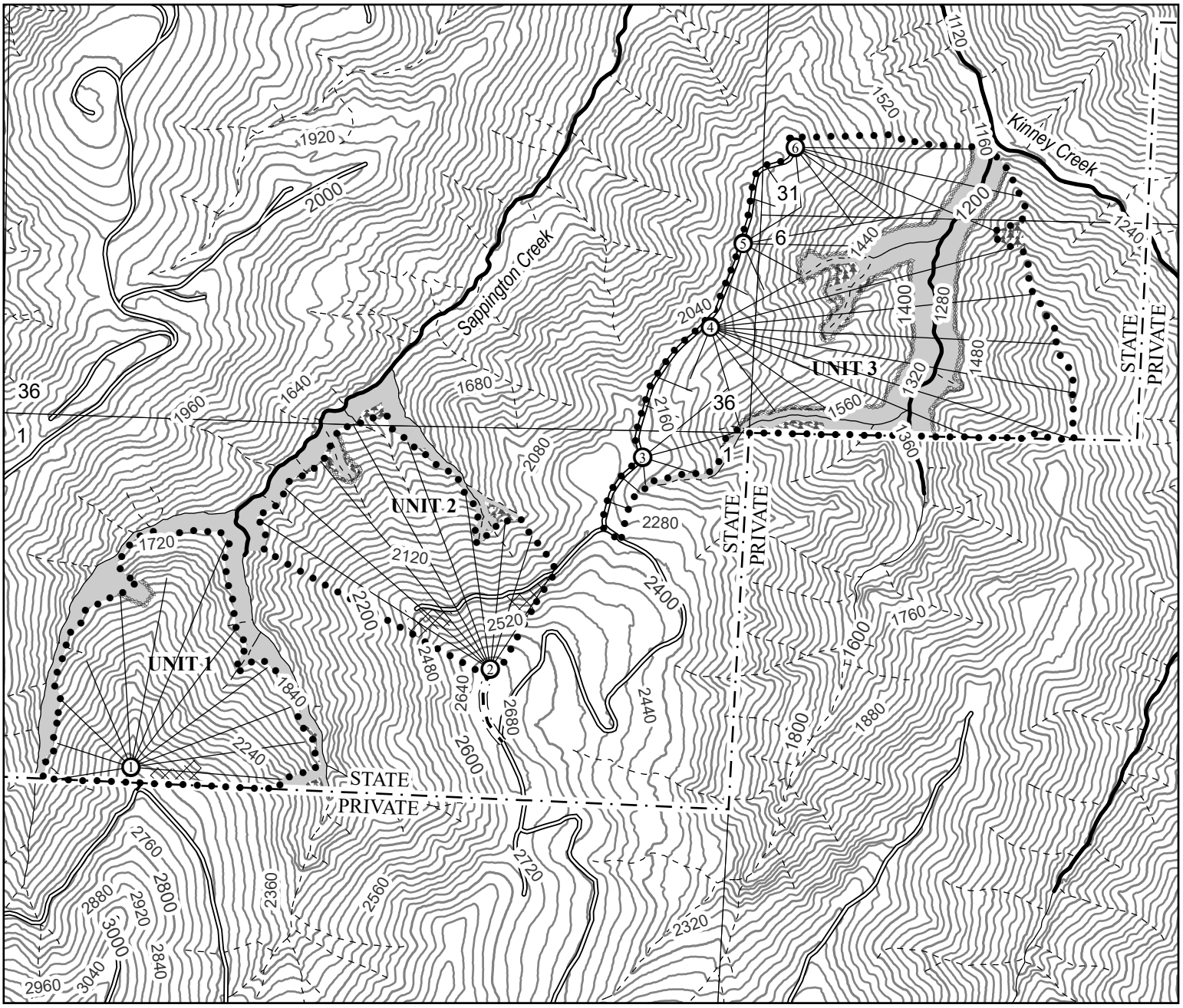
SPECIES		2 SAW	3 SAW	4 SAW	TOTAL
Douglas-fir	Cruise Volume	1,353	504	77	1,934
	Hidden D&B (2%)	(27)	(10)	(2)	(39)
	NET TOTAL	1,326	494	75	1,895
	% of Total	70	26	4	
Noble fir	Cruise Volume	99	40	4	143
	Hidden D&B (2%)	(5)	(2)	(0)	(7)
	NET TOTAL	94	38	4	136
	% of Total	69	28	3	
Western hemlock	Cruise Volume	297	280	30	607
	Hidden D&B (2%)	(15)	(14)	(2)	(31)
	NET TOTAL	282	266	28	576
	% of Total	49	46	5	

UNIT 4: R/W (<1 ACRE)

SPECIES		2 SAW	3 SAW	4 SAW	TOTAL
Douglas-fir	Cruise Volume	3	1	0	4
	Hidden D&B (2%)	(0)	(0)	(0)	(0)
	NET TOTAL	3	1	0	4
	% of Total	75	25	0	
Western hemlock	Cruise Volume	1	1	0	2
	Hidden D&B (2%)	(0)	(0)	(0)	(0)
	NET TOTAL	1	1	0	2
	% of Total	50	50	0	

SALE TOTAL

SPECIES	2 SAW	3 SAW	4 SAW	TOTAL
Douglas-fir	2,179	1,155	185	3,519
Noble fir	113	100	6	219
Western hemlock	751	659	64	1,474
Western redcedar	24	25	11	60
Total	3,067	1,939	266	5,272



Legend

- Timber Sale Boundary
- Posted Stream Buffer Boundary
- Posted Right-of-Way Boundary
- ODF Ownership Boundary
- Surfaced Road
- New Road Construction
- Type-F Stream
- Type-N Stream Perennial
- Type-N Stream Seasonal
- Stream Buffer
- Cable Yarding Area
- Cable Landing
- Harvest Optional Area
- Reserve Tree Area
- Section Lines
- 40 Foot Contour Bands
- 200 Foot Contour Bands

LOGGING PLAN

FOR TIMBER SALE CONTRACT #FG-341-2026-W001285-01
SAPPY
PORTIONS OF SECTION 6, T2N, R6W,
PORTIONS OF SECTION 1, T2N, R7W,
PORTIONS OF SECTION 31, T3N, R6W,
AND PORTIONS OF SECTION 36, T3N, R7W, W.M.,
TILLAMOOK COUNTY & WASHINGTON COUNTY, OREGON

Forest Grove District GIS
March 2026
This product is for informational use and may not be suitable for legal, engineering, or surveying purposes.

1:12,000

1 inch = 1,000 feet

0 500 1,000 2,000 Feet

APROXIMATE NET ACRES	TRACTOR	CABLE
UNIT 1	0	48
UNIT 2	0	39
UNIT 3	0	82
UNIT 4	<1	0
TOTAL	<1	169