Timber Sale Appraisal
Sunday Prime

Sale FG-341-2026-W01200-01

District: Forest Grove **Date: June 16, 2025**

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	$2,732,970.10	$0.00	$2,732,970.10
		Project Work:	($294,290.00)
		Advertised Value:	$2,438,680.10

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Sale FG-341-2026-W01200-01

District: Forest Grove **Date: June 16, 2025**

Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	24	0	98

Volume by Grade	2S	3S & 4S 6"- 11"	Total
Douglas - Fir	3,646	960	4,606
Total	3,646	960	4,606

Comments: LOCAL POND VALUES, APRIL 2025

WESTERN REDCEDAR AND OTHER CEDARS STUMPAGE PRICE = POND VALUE MINUS DOUGLAS-FIR LOGGING COST:
$937.48 = $1,180.00 - $242.52

WESTERN HEMLOCK AND OTHER CONIFERS STUMPAGE PRICE = POND VALUE MINUS DOUGLAS-FIR LOGGING COST:
$329.48 = $572.00 - $242.52

RED ALDER AND OTHER HARDWOODS STUMPAGE PRICE = POND VALUE MINUS DOUGLAS-FIR LOGGING COST:
$253.48 = $496.00 - $242.52

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): N/A

OTHER COSTS (NO PROFIT & RISK ADDED):

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

MACHINE TIME TO BLOCK/WATERBAR ROADS AND SKID TRAILS:
20 HOURS X $200/HOUR = $4,000

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

WEYERHAEUSER ROAD MAINT & ROCKWEAR FEE: $45,704.73

TOTAL OTHER COSTS (NO P&R) = $56,704.73

SLASH TREATMENT: 50 ACRES X $250/ACRE = $12,500.00

ROAD MAINTENANCE (INCLUDES MOVE-IN, ROLLING & SPOT ROCKING):
MOVE IN: $2,013.28
GENERAL ROAD MAINT: 10.53 miles X $2,506.29 = $26,391.23
TOTAL ROAD MAINTENANCE: $28,404.51 / 4,606 MBF = $6.17/MBF

Timber Sale Appraisal
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District: Forest Grove

Date: June 16, 2025

Logging Conditions

Combination#: 1	Douglas - Fir	100.00%	
Logging System:	Shovel	**Process:**	Harvester Head Delimbing
yarding distance:	Short (400 ft)	**downhill yarding:**	No
tree size:	Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF		
loads / day:	20	**bd. ft / load:**	4700
cost / mbf:	$106.38		
machines:	Forwarder Harvester		

Timber Sale Appraisal
Sunday Prime
Sale FG-341-2026-W01200-01

"STEWARDSHIP IN FORESTRY"

District: Forest Grove

Date: June 16, 2025

Logging Costs

Operating Seasons:	2.00	**Profit Risk:**	10%
Project Costs:	$294,290.00	**Other Costs (P/R):**	$0.00
Slash Disposal:	$12,500.00	**Other Costs:**	$56,704.73

Miles of Road

Road Maintenance: $6.17

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

Timber Sale Appraisal
Sunday Prime

Sale FG-341-2026-W01200-01

District: Forest Grove **Date: June 16, 2025**

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
$106.38	$6.29	$1.91	$90.42	$0.00	$20.50	$2.71	$2.00	$12.31	$242.52

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	$0.00	$835.87	$593.35	$0.00

Timber Sale Appraisal
Sunday Prime

Sale FG-341-2026-W01200-01

District: Forest Grove

Date: June 16, 2025

Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	$0.00	$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	4,606	$593.35	$2,732,970.10

Gross Timber Sale Value

Recovery: $2,732,970.10

Prepared By: Mark Savage

Phone: 503-359-7437

TIMBER SALE SUMMARY
Sunday Prime
#FG-341-2026-W01200-01

1. **Location:** Portions of Sections 13 & 14, T1S, R6W, W.M., Washington County, Oregon.

2. **Type of Sale:** This timber sale is a 103 net acre Clearcut. The timber will be sold on a recovery basis at a sealed bid auction.

3. **Revenue Distribution:** 100% BOF, Washington County.

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

5. **Cruise**: The Timber Sale was cruised by ODF Cruisers in April and May of 2025. For more information see Cruise Report.

6. **Timber Description:** The Timber Sale Area consists of 68 year old Douglas-fir stand. The stand has an average of 215 ft^2 of basal area (all species), an average Douglas-fir DBH of 24 inches, and an estimated average net Douglas-fir volume of approximately 46.1 MBF per acre.

7. **Topography and Logging Method:** Slopes within the sale areas range from 5% to 40%, and variable in aspect. The timber sale is 100% ground-based Yarding. The average horizontal skid trail length is approximately 400 feet with a maximum of approximately 1,000 feet.

8. **Access:** All access to the Timber Sale Area is on surfaced roads. From Forest Grove, proceed south on Highway 47 for 15 miles. Turn right onto Pike Road and continue for 4.5 miles. Pike Road then becomes Turner Creek Road. Continue down Turner Creek Road for 4 miles and there is a Weyerhaeuser gate that requires a key. Continue through this gate on Turner Creek Road for 4.5 miles. Turn right onto North Fork Trask River Road and continue for 1.5 miles and there is a Weyerhaeuser gate that requires a key. Continue through this gate on North Fork Trask River Road for 2.8 miles to Sunday Creek Road. Turn right on Sunday Creek Road and follow for 4.2 miles to access the northwestern portion of the Timber Sale Area.

9. **Projects:**

Project No. 1: Road Improvement, Surface Rock Replacement, and Maintenance	$294,037.67
Project No. 2: Road Blocking	$252.33
Total Credit for all Projects (rounded)	$294,290.00

PROJECT COST SUMMARY SHEET

Timber Sale: Sunday Prime

Sale Number: FG-341-2026-W01200-01

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

Road Segment	Length	Cost
A to B	227+00	$16,031.78
B to C	279+40	$226,720.90
D to E	38+70	$31,964.49
F to G	10+90	$12,530.60
	556+00 stations	
	10.53 miles	

Total Rock =

912 cy	1½" - 0
10,777 cy	4" - 0
409 cy	Riprap

Move-in = $6,789.90

TOTAL PROJECT COST = $294,037.67

PROJECT NO. 2: ROAD BLOCKING

Road Segment	Length	Cost
V1 to V2	21+64	$246.50
	21+64 stations	
	0.41 miles	

Move-in = $5.83

TOTAL PROJECT COST = $252.33

TOTAL CREDITS = $294,290.00

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sunday Prime Sale Number: FG-341-2026-W01200-01

PROJECT Nos. 1 & 2 MOVE-IN, WITHIN AREA MOVE, & CLEANING COSTS

Equipment	Total
Brush Cutter	$552.62
Grader	$577.74
Roller & Compactor	$552.62
Excavator - Equipment Cleaning Required	$2,079.64
Dozer - Equipment Cleaning Required	$2,079.64
Dump Truck	$497.56
Water Truck	$455.91

TOTAL MOVE-IN COSTS = $6,795.73

SUMMARY OF CONSTRUCTION COST

Timber Sale:	Sunday Prime	Sale Number:	FG-341-2026-W01200-01
Road Segment:	A to B	Improvement:	227+00 stations
			4.30 miles

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

IMPROVEMENT

Clearing & grubbing (scatter)	2.61	ac @	$1,353.60	per acre =	$3,532.90
Grade, ditch, & roll	227.00	sta @	$41.00	per sta =	$9,307.00

TOTAL IMPROVEMENT COSTS = $12,839.90

CULVERTS

Culverts and Bands					
18" Diameter	50	lf @	$22.10	per lf =	$1,105.00
Markers & Stakes					
Culvert markers	1	ea @	$12.00	per ea =	$12.00

TOTAL CULVERT COSTS = $1,117.00

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	1½" - 0	$3.00	$7.00	$0.60	24	$254.40
				Subtotal =	24	$254.40

Totals		
	All Rock =	24
	1½" - 0	24

TOTAL ROCK COSTS = $254.40

EROSION CONTROL

Grass seed & fertilizer	2.61	ac @	$697.50	per ac =	$1,820.48

TOTAL EROSION CONTROL COSTS = $1,820.48

TOTAL PROJECT COST = $16,031.78

SUMMARY OF CONSTRUCTION COST

Timber Sale:	Sunday Prime	Sale Number:	FG-341-2026-W01200-01
Road Segment:	B to C	Improvement:	279+40 stations
			5.29 miles

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

IMPROVEMENT					
Clearing & grubbing (scatter)	3.21	ac @	$1,353.60	per acre =	$4,345.06
Roadside brushing	5.29	mi @	$850.00	per mi =	$4,496.50
Cutslope layback					
Excavate & load	376	cy @	$1.94	per cy =	$729.44
Haul	489	cy @	$8.42	per cy =	$4,117.38
Shape and compact waste material	489	cy @	$0.40	per cy =	$195.60
Double ditch & end-haul waste (Waste Area No. 1)	1.3	sta @	$66.00	per sta =	$85.80
Haul	9	cy @	$8.42	per cy =	$75.78
Shape and compact waste material	9	cy @	$0.40	per cy =	$3.60
Free draining fill end-haul waste (Waste Area No. 2)					
Excavate & load	361	cy @	$1.94	per cy =	$700.34
Haul	469	cy @	$5.24	per cy =	$2,457.56
Shape and compact waste material	469	cy @	$0.40	per cy =	$187.60
Clean culvert inlet & outlet, scatter waste	8	ea @	$27.50	per ea =	$220.00
Clean culvert inlet & outlet, end-haul waste (Waste Area No. 1)	2	ea @	$27.50	per ea =	$55.00
Haul waste material	1	cy @	$8.42	per cy =	$8.42
Shape and compact waste material	1	cy @	$0.40	per cy =	$0.40
Clean culvert inlet & outlet, end-haul waste (Waste Area No. 2)	1	ea @	$27.50	per ea =	$27.50
Haul waste material	1	cy @	$5.24	per cy =	$5.24
Shape and compact waste material	1	cy @	$0.40	per cy =	$0.40
End-haul waste from Culvert Nos. 2-5, 11-14, 16-19					
Haul (Waste Area No. 1)	288	cy @	$8.42	per cy =	$2,424.96
Compact waste area	288	cy @	$0.40	per cy =	$115.20
End-haul waste from Culvert Nos. 22, 23, 28, 29					
Haul (Waste Area No. 2)	96	cy @	$5.24	per cy =	$503.04
Compact waste area	96	cy @	$0.40	per cy =	$38.40
Fill reconstruction (2+80)					
Excavate & load existing fill	68	cy @	$1.94	per cy =	$131.92
Haul suitable fill material to staging area	88	cy @	$0.25	per cy =	$22.00
Shape staged material	88	cy @	$0.40	per cy =	$35.20
Load material @ staged material	72	cy @	$1.80	per cy =	$129.60
Haul fill material from staging area	72	cy @	$0.25	per cy =	$18.00
Place and compact fill	72	cy @	$0.60	per cy =	$43.20
Fill reconstruction (102+80)					
Excavate & load existing fill	80	cy @	$1.94	per cy =	$155.20
Haul suitable fill material to staging area	104	cy @	$0.30	per cy =	$31.20
Shape staged material	104	cy @	$0.40	per cy =	$41.60
Load material @ staged material	85	cy @	$1.80	per cy =	$153.00
Haul fill material from staging area	85	cy @	$0.30	per cy =	$25.50
Place and compact fill	85	cy @	$0.60	per cy =	$51.00
Fill reconstruction (122+70)					
Excavate & load existing fill	240	cy @	$1.94	per cy =	$465.60
Haul suitable fill material to staging area	312	cy @	$0.50	per cy =	$156.00
Shape staged material	312	cy @	$0.40	per cy =	$124.80
Load material @ staged material	247	cy @	$1.80	per cy =	$444.60
Haul fill material from staging area	247	cy @	$0.50	per cy =	$123.50
Place and compact fill	247	cy @	$0.60	per cy =	$148.20
Pump culvert installation	1	day @	$165.00	per day =	$165.00
Construct settling pond	22	ea @	$27.50	per ea =	$605.00
Haul waste material (Waste Area No. 1)	29	cy @	$8.42	per cy =	$244.18
Shape and compact waste material	29	cy @	$0.40	per cy =	$11.60
Construct settling pond	13	ea @	$27.50	per ea =	$357.50
Haul waste material (Waste Area No. 2)	17	cy @	$5.24	per cy =	$89.08
Shape and compact waste material	17	cy @	$0.40	per cy =	$6.80
"Y" Junction	1.00	sta @	$60.00	per sta =	$60.00
Improve turnout	11	ea @	$36.30	per ea =	$399.30
Grade, ditch, & roll	279.40	sta @	$41.00	per sta =	$11,455.40

TOTAL IMPROVEMENT COSTS = $36,487.20

SUMMARY OF CONSTRUCTION COST

Timber Sale:	Sunday Prime	Sale Number:	FG-341-2026-W01200-01
Road Segment:	B to C Continued	Improvement:	279+40 stations
			5.29 miles

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

CULVERTS

Culverts and Bands						
18" Diameter	570	lf @	$22.10	per lf =	$12,597.00	
24" Diameter	370	lf @	$32.00	per lf =	$11,840.00	
30" Diameter	50	lf @	$43.20	per lf =	$2,160.00	
Markers & Stakes						
Culvert markers	35	ea @	$12.00	per ea =	$420.00	
					TOTAL CULVERT COSTS =	$27,017.00

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	1½" - 0	$1.23	$12.40	$0.60	744	$10,587.92
Energy dissipator	Riprap	$3.00	$12.80	$1.80	48	$844.80
				Subtotal =	792	$11,432.72
Surfacing rock						
Surfacing rock	4" - 0	$1.23	$12.40	$1.40	8,661	$130,184.14
Junction	4" - 0	$1.23	$12.40	$1.40	156	$2,344.85
Y-Junction	4" - 0	$1.23	$12.40	$1.40	72	$1,082.24
Turnout	4" - 0	$1.23	$12.40	$1.40	154	$2,314.79
Rock Berm	1½" - 0	$1.23	$12.40	$1.40	48	$721.49
Free Draining Fill	Riprap	$3.00	$12.80	$1.80	361	$6,353.60
				Subtotal =	9,452	$143,001.10

Totals		
	All Rock =	10,244
	1½" - 0	792
	4" - 0	9,043
	Riprap	409

TOTAL ROCK COSTS = $154,433.82

EROSION CONTROL

Grass seed & fertilizer	3.21	ac @	$697.50	per ac =	$2,238.98	
Straw mulch acre	6.21	ac @	$990.00	per ac =	$6,147.90	
Straw mulch bale	36	ea @	$11.00	per ea =	$396.00	
					TOTAL EROSION CONTROL COSTS =	$8,782.88

TOTAL PROJECT COST = $226,720.90

SUMMARY OF CONSTRUCTION COST

Timber Sale:	Sunday Prime	Sale Number:	FG-341-2026-W01200-01	
Road Segment:	D to E	Improvement:	38+70	stations
			0.73	miles

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

IMPROVEMENT

Clearing & grubbing (scatter)	0.44	ac @	$1,353.60	per acre =	$595.58	
Roadside brushing	0.73	mi @	$850.00	per mi =	$620.50	
Clean culvert inlet & outlet, scatter waste	1	ea @	$27.50	per ea =	$27.50	
"Y" Junction	1.00	sta @	$60.00	per sta =	$60.00	
Improve turnout	2	ea @	$36.30	per ea =	$72.60	
Construct turnaround	1	ea @	$91.00	per ea =	$91.00	
Improve turnaround	1	ea @	$45.50	per ea =	$45.50	
Grade, ditch, & roll	38.70	sta @	$36.00	per sta =	$1,393.20	
					TOTAL IMPROVEMENT COSTS =	$2,905.88

CULVERTS

Culverts and Bands						
18" Diameter	60	lf @	$22.10	per lf =	$1,326.00	
Markers & Stakes						
Culvert markers	2	ea @	$12.00	per ea =	$24.00	
					TOTAL CULVERT COSTS =	$1,350.00

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	1½" - 0	$1.23	$17.71	$0.60	48	$937.97
				Subtotal =	48	$937.97
Surfacing rock						
Surfacing rock	4" - 0	$1.23	$17.71	$1.40	1,200	$24,409.29
Junction	4" - 0	$1.23	$17.71	$1.40	12	$244.09
100' Y-Junction	4" - 0	$1.23	$17.71	$1.40	31	$630.57
Turnout	4" - 0	$1.23	$17.71	$1.40	28	$569.55
Turnaround (Improve)	4" - 0	$1.23	$17.71	$1.40	10	$203.41
Turnaround (Construct)	4" - 0	$1.23	$17.71	$1.40	20	$406.82
				Subtotal =	1,301	$26,463.74

Totals	All Rock =	1,349
	1½" - 0	48
	4" - 0	1,301

TOTAL ROCK COSTS = $27,401.71

EROSION CONTROL

Grass seed & fertilizer	0.44	ac @	$697.50	per ac =	$306.90	
					TOTAL EROSION CONTROL COSTS =	$306.90

TOTAL PROJECT COST = $31,964.49

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sunday Prime — Sale Number: FG-341-2026-W01200-01

Road Segment: F to G — Improvement: 10+90 stations; 0.21 miles

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

IMPROVEMENT

Clearing & grubbing (scatter)	0.13	ac @	$1,353.60	per acre =	$175.97	
Construct roadside landing	1	ea @	$181.50	per ea =	$181.50	
Grade, ditch, & roll	10.90	sta @	$36.00	per sta =	$392.40	
				TOTAL IMPROVEMENT COSTS =		$749.87

CULVERTS

Culverts and Bands						
18" Diameter	60	lf @	$22.10	per lf =	$1,326.00	
Markers & Stakes						
Culvert markers	2	ea @	$12.00	per ea =	$24.00	
				TOTAL CULVERT COSTS =		$1,350.00

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	1½" - 0	$1.23	$18.90	$0.60	48	$995.09
				Subtotal =	48	$995.09
Surfacing rock						
Surfacing rock	4" - 0	$1.23	$18.90	$1.40	338	$7,277.50
Roadside landing (Construct)	4" - 0	$1.23	$18.90	$1.40	95	$2,045.45
				Subtotal =	433	$9,322.96

Totals	All Rock =	481
	1½" - 0	48
	4" - 0	433

TOTAL ROCK COSTS = $10,318.05

EROSION CONTROL

Grass seed & fertilizer	0.13	ac @	$697.50	per ac =	$90.68	
Straw mulch bale	2	ea @	$11.00	per ea =	$22.00	
				TOTAL EROSION CONTROL COSTS =		$112.68

TOTAL PROJECT COST = $12,530.60

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sunday Prime

Sale Number: FG-341-2026-W01200-01

Road Segment: V1 to V2

Vacating: 21+65 stations

0.41 miles

PROJECT NO. 2: ROAD BLOCKING

VACATE

Construct waterbar	6	ea @	$31.00	per ea =	$186.00
Construct tank trap	1	ea @	$60.50	per ea =	$60.50

TOTAL IMPROVEMENT COSTS = $246.50

TOTAL PROJECT COST = $246.50

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale:	Sunday Prime
Sale Number:	FG-341-2026-W01200-01
Rock Source Name:	Barney

1 1/2" - 0:	912 cy	(truck measure)
4" - 0:	10,777 cy	(truck measure)
Riprap:	409 cy	(truck measure)
Total truck yardage:	12,098 cy	
Total in place yardage:	315 cy	

Swell:	130%
Compaction:	116%

Move-in & Other Base Cost					
Move in excavator with cleaning					$2,252.53
Move in loader					$1,101.86
Move in Dump Trucks					$400.95
Clean up quarry					$250.00
				Subtotal =	$4,005.34
				Per CY =	$0.33/cy
1 1/2" - 0 Base Cost					
Load dump truck	$0.90	/ cy x	912	cy =	$820.80
				Subtotal =	$820.80
				Per CY =	$0.90
4" - 0 Base Cost					
Load dump truck	$0.90	/ cy x	10,777	cy =	$9,699.30
				Subtotal =	$9,699.30
				Per CY =	$0.90
Riprap Base Cost					
Rip rock	$2.30	/ cy x	315	cy =	$724.50
Load dump truck	$0.90	/ cy x	409	cy =	$368.10
				Subtotal =	$1,092.60
				Per CY =	$2.67/cy

1 1/2" - 0 Base Cost =	**$1.23/cy**
4" - 0 Base Cost =	**$1.23/cy**
Riprap Base Cost =	**$3.00/cy**

CRUISE REPORT
Sunday Prime
#FG-341-2026-W01200-01

1. LOCATION:
Portions of Sections 13 & 14, T1S, R6W, W.M., Washington County, Oregon.

2. CRUISE DESIGN:
The timber cruise was designed using an estimated coefficient of variation (CV) of 50%, average stand diameter of 21 inches, sampling error (SE) of 9% and a minimum of 100 grade trees.

3. SAMPLING METHOD:
The Timber Sale Area was cruised in April and May of 2025 with variable radius grade plots using a 40 BAF prism. Plots were laid out on 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:
161 trees were measured and graded producing a standard error of 4.8% on the Douglas-fir Basal Area and 5% 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 Mark Savage and Adrian Torres.

Prepared by: Mark Savage 4-22-2025
Date

Reviewed by: Mark Savage 4-22-2025
Date

TC PSTATS

PROJECT STATISTICS

PROJECT SUNPRIME

PAGE 1
DATE 5/6/2025

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T1S	R6	13	00U1	00MC	103.00	30	164	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	30	164	5.5		
CRUISE	30	164	5.5	7,450	2.2
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	161	71.2	23.5	136	44.3	214.7	47,104	47,003	10,253	10,253
DOUG FIR-S	3	1.2	25.0	140	0.8	4.0				
TOTAL	*164*	*72.3*	*23.5*	*136*	*45.1*	*218.7*	*47,104*	*47,003*	*10,253*	*10,253*

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	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
SAMPLE TREES - BF								
DOUG FIR	54.2	4.3	813	850	886			
DOUG FIR-S								
TOTAL	*55.0*	*4.3*	*808*	*844*	*881*	*121*	*30*	*13*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
SAMPLE TREES - CF								
DOUG FIR	47.4	3.7	175	181	188			
DOUG FIR-S								
TOTAL	*48.2*	*3.8*	*173*	*180*	*187*	*93*	*23*	*10*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
TREES/ACRE								
DOUG FIR	45.1	8.4	65	71	77			
DOUG FIR-S	547.7	101.7		1	2			
TOTAL	*43.2*	*8.0*	*67*	*72*	*78*	*77*	*19*	*9*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
BASAL AREA/ACRE								
DOUG FIR	25.7	4.8	204	215	225			
DOUG FIR-S	547.7	101.7		4	8			
TOTAL	*23.9*	*4.4*	*209*	*219*	*228*	*24*	*6*	*3*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
NET BF/ACRE								
DOUG FIR	27.1	5.0	44,637	47,003	49,369			
DOUG FIR-S								
TOTAL	*27.1*	*5.0*	*44,637*	*47,003*	*49,369*	*30*	*8*	*3*

CL 68.1 SD: 1.0	COEFF VAR.%	S.E.%	LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
NET CUFT FT/ACRE								
DOUG FIR	26.4	4.9	9,751	10,253	10,755			
DOUG FIR-S								
TOTAL	*26.4*	*4.9*	*9,751*	*10,253*	*10,755*	*29*	*7*	*3*

TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

TT1S RR6W S13 Ty00MC	103.00

Project: **SUNPRIME**

Acres **103.00**

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Date **5/6/2025**
Time **10:53:11AM**

Spp	S T	So rt	Gr ad	% 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														6	20		0.00	.9
DF			2M	79	.3	37,284	37,191	3,831			48	52				100	40	16	423	2.19	88.0
DF			3M	19	.1	8,934	8,927	919		100	0			1	9	90	38	8	107	0.72	83.4
DF			4M	2		885	885	91		100			29	71			22	6	27	0.36	32.6
DF	**Totals**			100	.2	47,104	47,003	4,841		21	38	42	1	2	2	96	36	11	229	1.38	205.0
Totals					0.2	47,104	47,003	4,841		21	38	42	1	2	2	96	36	11	229	1.38	205.0

TC	PSTNDSUM	Stand Table Summary	Page	1
			Date:	5/6/2025
TT1S RR6W S13 Ty00MC	103.00	Project SUNPRIME	Time:	10:53:12AM
		Acres 103.00	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.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		12	2	86	95	3.395	2.67	6.79	11.0	45.0	2.13	75	306	219	77	31
DF		14	1	86	111	1.247	1.33	2.49	18.7	85.0	1.33	47	212	137	48	22
DF		15	2	87	121	2.173	2.67	4.35	23.4	105.0	2.89	102	456	298	105	47
DF		16	4	86	121	3.820	5.33	9.55	21.8	96.0	5.92	208	917	610	214	94
DF		17	1	86	114	.846	1.33	1.69	29.1	120.0	1.40	49	203	145	51	21
DF		18	4	87	136	3.018	5.33	9.05	26.3	108.3	6.79	238	981	700	246	101
DF		19	8	87	133	5.417	10.67	15.58	30.2	127.4	13.40	470	1,984	1,380	484	204
DF		20	5	86	138	3.056	6.67	9.17	34.0	147.3	8.88	311	1,351	914	321	139
DF		21	10	86	138	5.543	13.33	16.63	37.3	165.7	17.66	620	2,755	1,819	638	284
DF		22	14	86	139	7.071	18.67	21.21	42.0	190.2	25.37	890	4,036	2,613	917	416
DF		23	11	86	140	5.083	14.67	15.25	46.4	206.7	20.15	707	3,152	2,075	728	325
DF		24	17	86	139	7.215	22.67	21.22	50.4	219.0	30.48	1,070	4,647	3,140	1,102	479
DF		25	3	86	148	1.173	4.00	3.52	56.4	247.8	5.66	199	872	583	205	90
DF		26	13	85	144	4.701	17.33	14.10	59.8	270.3	24.05	844	3,812	2,477	869	393
DF		27	7	85	142	2.347	9.33	7.38	61.5	278.2	12.94	454	2,052	1,333	468	211
DF		28	8	85	143	2.495	10.67	7.80	67.2	308.4	14.92	524	2,404	1,537	539	248
DF		29	10	85	150	2.907	13.33	8.72	77.6	374.0	19.28	677	3,261	1,986	697	336
DF		30	11	85	144	2.988	14.67	8.96	80.2	380.3	20.49	719	3,409	2,110	741	351
DF		31	8	85	147	2.035	10.67	6.36	84.4	408.0	15.30	537	2,595	1,576	553	267
DF		32	7	86	153	1.671	9.33	5.01	95.2	459.5	13.61	478	2,304	1,402	492	237
DF		33	4	85	143	.898	5.33	2.69	97.6	472.5	7.50	263	1,273	772	271	131
DF		34	1	86	143	.211	1.33	.63	102.6	493.3	1.85	65	313	191	67	32
DF		35	4	85	159	.798	5.33	2.39	118.8	622.5	8.11	284	1,491	835	293	154
DF		36	2	85	159	.377	2.67	1.32	107.9	555.7	4.06	143	734	418	147	76
DF		37	1	85	150	.179	1.33	.54	128.1	656.7	1.96	69	352	202	71	36
DF		38	2	84	158	.339	2.67	1.19	119.2	628.6	4.02	141	745	414	145	77
DF		40	1	85	163	.153	1.33	.46	156.5	846.7	2.04	72	388	211	74	40
DF		Totals	161	86	136	71.158	214.67	204.06	50.2	230.3	292.21	10,253	47,003	30,097	10,560	4,841
DF	S	25	3	86	140	1.173	4.00									
DF	S	Totals	3	86	140	1.173	4.00									
Totals			164	86	136	72.331	218.67	204.06	50.2	230.3	292.21	10,253	47,003	30,097	10,560	4,841

TC PLOGSTVB

Log Stock Table - MBF

TT1S RR6W S13 Ty00MC	103.00

Project: SUNPRIME
Acres 103.00

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Date 5/6/2025
Time 10:53:10AM

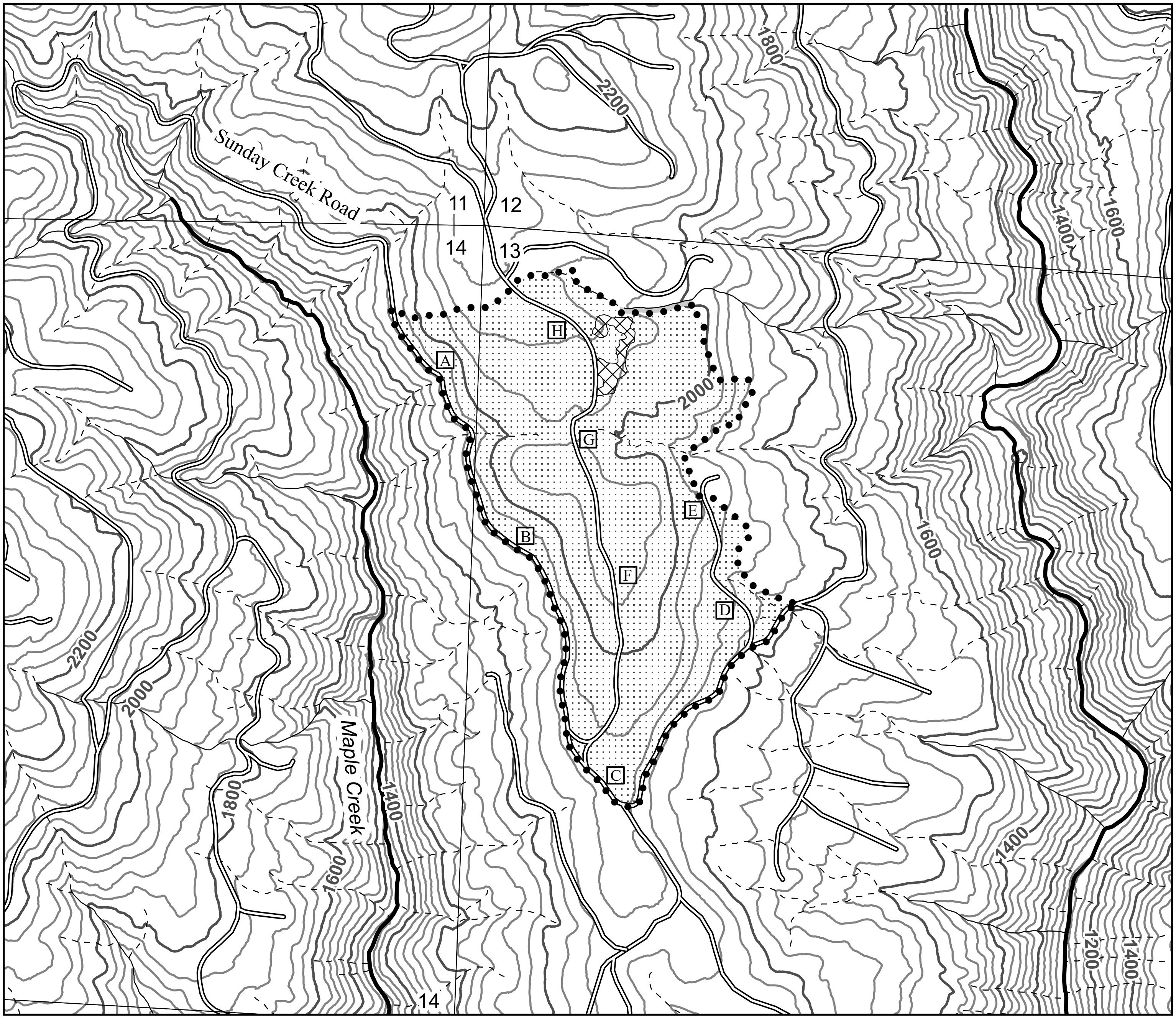
Spp	S T	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches 2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
DF			2M	40	3,840		3,831	79.1						515	817	1362	911	226		
DF			3M	26	2		2	.1				2								
DF			3M	30	7		7	.1			7									
DF			3M	32	42		42	.9			34	9								
DF			3M	34	38		38	.8			37	2								
DF			3M	36	28		28	.6			24	4								
DF			3M	38	15		15	.3			15									
DF			3M	40	787		787	16.2			90	203	490	4						
DF			4M	12	2		2	.0			1	1								
DF			4M	14	7		7	.2			7									
DF			4M	16	5		5	.1			5									
DF			4M	18	2		2	.0			2									
DF			4M	20	9		9	.2			9									
DF			4M	22	3		3	.1			3									
DF			4M	24	20		20	.4			20									
DF			4M	26	10		10	.2			10									
DF			4M	28	17		17	.3			17									
DF			4M	30	15		15	.3			15									
DF		Totals			4,852		4,841	100.0			296	221	490	519	817	1362	911	226		
Total		All Species			4,852		4,841	100.0			296	221	490	519	817	1362	911	226		

Volume Summary
(Shown in MBF)
Sunday Prime
FG-341-2026-W01200-01
June 2025

TIMBER SALE AREA: Clearcut (103 Acres)

SPECIES		2 SAW	3 SAW	4 SAW	TOTAL
Douglas-fir	Cruise Volume	3,720	892	88	4,700
	Hidden D&B (2%)	(74)	(18)	(2)	(94)
	NET TOTAL	3,646	874	86	4,606
	% of Total	79	19	2	

***Approximately 141 MBF of Douglas-fir was removed from this volume estimate to account for Purchaser select live trees to be reserved.



Legend

- Timber Sale Boundary
- Surfaced Road
- Type-F Stream
- Type-N Stream Perennial
- Type-N Stream Seasonal
- Stream Buffer
- Tractor Yarding Area
- Tractor Landing
- Non Harvestable Area
- Section Line
- 40 Foot Contour Band
- 200 Foot Contour Band

LOGGING PLAN

FOR TIMBER SALE CONTRACT #FG-341-2026-W01200-01
SUNDAY PRIME
PORTIONS OF SECTIONS 13 & 14, T1S, R6W, W.M.,
WASHINGTON COUNTY, OREGON

Forest Grove District GIS
June, 2025
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
TOTAL	103	0