Timber Sale Appraisal
Sidewinder

Sale FG-341-2026-W01159-01

District: Forest Grove

Date: February 09, 2026

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	$1,329,541.30	$1,033.20	$1,330,574.50
		Project Work:	($96,410.00)
		Advertised Value:	$1,234,164.50

Timber Sale Appraisal
Sidewinder

Sale FG-341-2026-W01159-01

"STEWARDSHIP IN FORESTRY"

District: Forest Grove

Date: February 09, 2026

Timber Description

Location:

Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	18	0	98
Western Hemlock / Fir	11	0	98
Alder (Red)	11	0	95

Volume by Grade	2S	3S & 4S 6"- 11"	Camprun	Total
Douglas - Fir	1,782	1,303	0	3,085
Western Hemlock / Fir	0	20	0	20
Alder (Red)	0	0	6	6
Total	1,782	1,323	6	3,111

Comments: LOCAL POND VALUES, DECEMBER 2025

NOBLE FIR AND OTHER CONIFERS STUMPAGE PRICE = POND VALUE MINUS WESTERN HEMLOCK LOGGING COST:
$158.82 = $525.00 - $366.18

BIG LEAF MAPLE AND OTHER HARDWOODS STUMPAGE PRICE = POND VALUE MINUS RED ALDER LOGGING COST:
$29.20 = $370.00 - $340.80

WESTERN REDCEDAR AND OTHER CEDARS STUMPAGE PRICE = POND VALUE MINUS DOUGLAS-FIR LOGGING COST:
$935.28 = $1,220.00 - $284.72

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):

STIMSON ROAD MAINT & ROCKWEAR FEE: $53,459.86

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): $62,459.86

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

SLASH TREATMENT: 5 ACRES X $250/ACRE = $1,250

ROAD MAINTENANCE (INCLUDES MOVE-IN, ROLLING & SPOT ROCKING):
MOVE IN: $9,041.44
GENERAL ROAD MAINT: 20.69 miles X $2,551.85 = $52,797.78
TOTAL ROAD MAINTENANCE: $61,839.22 / 3,111 MBF = $19.88/MBF

Timber Sale Appraisal
Sidewinder
Sale FG-341-2026-W01159-01

District: Forest Grove **Date: February 09, 2026**

Logging Conditions

Combination#: 1

Douglas - Fir	89.00%
Western Hemlock / Fir	89.00%
Alder (Red)	89.00%

Logging System: Cable: Medium Tower >40 - <70 **Process:** Harvester Head Delimbing
yarding distance: Medium (800 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: $115.62
machines: Log Loader (A)
Forwarder
Harvester
Tower Yarder (Medium)

Combination#: 2

Douglas - Fir	11.00%
Western Hemlock / Fir	11.00%
Alder (Red)	11.00%

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: 22 **bd. ft / load:** 4600
cost / mbf: $98.81
machines: Forwarder
Harvester

Timber Sale Appraisal
Sidewinder
Sale FG-341-2026-W01159-01

District: Forest Grove **Date: February 09, 2026**

Logging Costs

Operating Seasons:	2.00	**Profit Risk:**	15%
Project Costs:	$96,410.00	**Other Costs (P/R):**	$62,459.86
Slash Disposal:	$1,250.00	**Other Costs:**	$0.00

Miles of Road

Road Maintenance: $19.88

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	4.8
Western Hemlock / Fir	$0.00	2.0	4.0
Alder (Red)	$0.00	3.0	3.2

"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Sidewinder

Sale FG-341-2026-W01159-01

District: Forest Grove

Date: February 09, 2026

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
$113.77	$20.28	$2.82	$88.55	$20.08	$36.82	$0.40	$2.00	$0.00	$284.72
Western Hemlock / Fir									
$113.77	$20.28	$2.82	$159.38	$20.08	$47.45	$0.40	$2.00	$0.00	$366.18
Alder (Red)									
$113.77	$20.87	$2.82	$136.72	$20.08	$44.14	$0.40	$2.00	$0.00	$340.80

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	$0.00	$714.66	$429.94	$0.00
Western Hemlock / Fir	$0.00	$525.00	$158.82	$0.00
Alder (Red)	$0.00	$513.00	$172.20	$0.00

Timber Sale Appraisal
Sidewinder

Sale FG-341-2026-W01159-01

District: Forest Grove

Date: February 09, 2026

Summary

Amortized

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

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	3,085	$429.94	$1,326,364.90
Western Hemlock / Fir	20	$158.82	$3,176.40
Alder (Red)	6	$172.20	$1,033.20

Gross Timber Sale Value

Recovery: $1,330,574.50

Prepared By: Colton Turner **Phone:** 503-464-1676

TIMBER SALE SUMMARY
Sidewinder
#FG-341-2026-W01159-01

1. **<u>Location</u>:** Portions of Sections 4 & 9, T1S, R6W, W.M., Washington County, Oregon.

2. **<u>Type of Sale</u>:** This timber sale is a 96 net acre Clearcut. The timber will be sold on a recovery basis at a sealed bid auction.

3. **<u>Revenue Distribution</u>:** 100% BOF, Washington County.

4. **<u>Sale Acreage</u>:** Acres are net of Stream Buffers, Reserve Tree Areas, and road prisms. Acreage was determined using ESRI ArcMap GIS Pro software.

5. **<u>Cruise</u>**: The Timber Sale was cruised by ODF Cruisers in January of 2026. For more information see Cruise Report.

6. **<u>Timber Description</u>:** The Timber Sale Area consists of 53 - 73 year old Douglas-fir stand with a white wood and hardwood component. The stand has an average of 194 ft^2 of basal area (all species), an average Douglas-fir DBH of 18 inches, and an estimated average net Douglas-fir volume of approximately 32.1 MBF per acre.

7. **<u>Topography and Logging Method</u>:** Slopes within the Timber Sale Area range from 5% to 85%, and variable in aspect. The timber sale is 89% cable-based Yarding and 11% ground-based Yarding. The average horizontal skid trail length is approximately 150 feet with a maximum of approximately 300 feet. The average cable Yarding distance is 650 feet and the maximum is approximately 1,200 feet.

8. **<u>Access:</u>** All access to the Timber Sale Area is on surfaced roads. From Forest Grove travel 7 miles west on Highway 8 to its intersection with Highway 6. Turn left onto Highway 6 and proceed for approximately 10 miles to Beaverdam Road. Turn left onto Beaverdam Road and proceed for 8.6 miles. Turn left onto Seven Cedars Road and proceed for 1.6 miles. Turn left onto the 900 spur road and procced for .08 miles. Turn right onto the 2500 road and proceed for 7.2 miles and turn left onto the 2520 road. Proceed for 0.8 miles to reach the northwestern portion of the Timber Sale Area. There is one gate along this route that may require a key, which can be obtained from the Forest Grove District Office.

9. **<u>Projects</u>:**

Project No. 1:	Road Improvement, Surface Rock Replacement, and Maintenance	$91,840.07
Project No. 2:	Road Brushing	$4,569.93
	Total Credit for all Projects	$96,410.00

PROJECT COST SUMMARY SHEET

Timber Sale: Sidewinder

Sale Number: FG-341-2026-W01159-01

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

Road Segment	Length	Cost
A to B	583+25	$20,997.00
C to D	102+90	$46,058.46
E to F	2+20	$4,223.96
G to H	7+60	$11,431.06
Point I	-	$2,355.84
	695+95 stations	
	13.18 miles	

Total Rock =

216 cy	1½" - 0
1,508 cy	3" - 0
36 cy	Riprap

Move-in = $6,773.75

TOTAL PROJECT COST = $91,840.07

PROJECT NO. 2: ROAD BRUSHING

Road Segment	Length	Cost
All shown on Exhibit A	202+75	$4,224.00
	202+75 Stations	
	3.84 miles	

Move-in = $345.93

TOTAL PROJECT COST = $4,569.93

TOTAL CREDITS = $96,410.00

SUMMARY OF CONSTRUCTION COST

Timber Sale: Sidewinder Sale Number: FG-341-2026-W01159-01

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

Equipment	Total
Brush Cutter	$794.62
Grader	$830.74
Loader (Med. & Large)	$819.62
Roller (smooth/grid) & Compactor	$794.62
Excavator (Large) - Equipment Cleaning	$2,508.64
Dump Truck (10cy +)	$715.88
Water Truck (2,500 Gal)	$655.56

TOTAL MOVE-IN COSTS = $7,119.68

SUMMARY OF CONSTRUCTION COST

Timber Sale:	Sidewinder	Sale Number:	FG-341-2026-W01159-01
Road Segment:	A to B	Improvement:	583+25 stations
			11.05 miles

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

IMPROVEMENT						
Grade & roll	583.25	sta @	$36.00	per sta =	$20,997.00	
					TOTAL IMPROVEMENT COSTS =	$20,997.00
					TOTAL PROJECT COST =	$20,997.00

SUMMARY OF CONSTRUCTION COST

Timber Sale:	Sidewinder	Sale Number:	FG-341-2026-W01159-01
Road Segment:	C to D	Improvement:	102+90 stations
			1.95 miles

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

IMPROVEMENT

Clearing & grubbing (scatter)	1.18	ac @	$1,353.60	per acre =	$1,597.25	
Clean ditch & scatter waste material	9.30	sta @	$66.00	per sta =	$613.80	
Clean culvert inlet & outlet, scatter waste	3	ea @	$27.50	per ea =	$82.50	
End-haul waste from Culvert No. 3						
Haul	16	cy @	$4.12	per cy =	$65.92	
Compact waste area	16	cy @	$0.40	per cy =	$6.40	
Construct settling pond	3	ea @	$27.50	per ea =	$82.50	
Haul waste material	4	cy @	$5.51	per cy =	$22.04	
Shape and compact waste material	4	cy @	$0.40	per cy =	$1.60	
Improve turnout	10	ea @	$36.30	per ea =	$363.00	
Construct roadside landing	2	ea @	$181.50	per ea =	$363.00	
Construct roadside landing	1	ea @	$181.50	per ea =	$181.50	
Excavate, place and & compact fill	250	cy @	$4.54	per cy =	$1,135.00	
Improve roadside landing	2	ea @	$91.00	per ea =	$182.00	
Improve landing	1	ea @	$172.70	per ea =	$172.70	
Grade & roll (outslope)	13.15	sta @	$36.00	per sta =	$473.40	
Grade, ditch, & roll	89.75	sta @	$41.00	per sta =	$3,679.75	
					TOTAL IMPROVEMENT COSTS =	$9,022.36

CULVERTS

Culverts and Bands						
18" Diameter	150	lf @	$22.10	per lf =	$3,315.00	
24" Diameter	30	lf @	$32.00	per lf =	$960.00	
Markers & Stakes						
Culvert markers	9	ea @	$12.00	per ea =	$108.00	
					TOTAL CULVERT COSTS =	$4,383.00

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Subgrade rock						
Bedding and backfill	1½" - 0	$8.30	$23.02	$0.60	144	$4,596.48
Energy dissipator	Riprap	$2.80	$4.16	$1.80	36	$315.36
				Subtotal =	180	$4,911.84
Surfacing rock						
Spot rock	3" - 0	$1.85	$24.14	$1.40	500	$13,695.00
Construct roadside landing	3" - 0	$1.85	$24.14	$1.40	285	$7,806.15
Improve roadside landing	3" - 0	$1.85	$24.14	$1.40	94	$2,574.66
Landing	3" - 0	$1.85	$24.14	$1.40	90	$2,465.10
				Subtotal =	969	$26,540.91

Totals		
	All Rock =	1,149
	1½" - 0	144
	3" - 0	969
	Riprap	36

TOTAL ROCK COSTS = $31,452.75

EROSION CONTROL

Grass seed & fertilizer	1.18	ac @	$697.50	per ac =	$823.05	
Straw mulch acre	0.27	ac @	$990.00	per ac =	$267.30	
Straw mulch bale	10	ea @	$11.00	per ea =	$110.00	
					TOTAL EROSION CONTROL COSTS =	$1,200.35

TOTAL PROJECT COST = $46,058.46

SUMMARY OF CONSTRUCTION COST

Timber Sale:	Sidewinder	Sale Number:	FG-341-2026-W01159-01
Road Segment:	E to F	Improvement:	2+20 stations
			0.04 miles

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

IMPROVEMENT

Clearing & grubbing (scatter)	0.03	ac @	$1,692.00	per acre =	$50.76	
Improve landing	1	ea @	$121.00	per ea =	$121.00	
Grade, ditch, & roll	2.20	sta @	$41.00	per sta =	$90.20	
				TOTAL IMPROVEMENT COSTS =		$261.96

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Surfacing rock						
Spot rock	3" - 0	$1.85	$23.56	$1.40	100	$2,681.00
Landing	3" - 0	$1.85	$23.56	$1.40	47	$1,260.07
				Subtotal =	147	$3,941.07

Totals	All Rock =	147
	3" - 0	147

TOTAL ROCK COSTS = $3,941.07

EROSION CONTROL

Grass seed & fertilizer	0.03	ac @	$697.50	per ac =	$20.93	
				TOTAL EROSION CONTROL COSTS =		$20.93

TOTAL PROJECT COST = $4,223.96

SUMMARY OF CONSTRUCTION COST

Timber Sale:	Sidewinder	Sale Number:	FG-341-2026-W01159-01	
Road Segment:	G to H	Improvement:	7+60	stations
			0.14	miles

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

IMPROVEMENT

Clearing & grubbing (scatter)	0.09	ac @	$1,353.60	per acre =	$121.82	
Clean culvert inlet & outlet, scatter waste	1	ea @	$27.50	per ea =	$27.50	
Improve turnout	1	ea @	$36.30	per ea =	$36.30	
Construct roadside landing	1	ea @	$181.50	per ea =	$181.50	
Improve landing	1	ea @	$121.00	per ea =	$121.00	
Grade, ditch, & roll	7.60	sta @	$41.00	per sta =	$311.60	
				TOTAL IMPROVEMENT COSTS =		$799.72

CULVERTS

Markers & Stakes						
Culvert markers	1	ea @	$12.00	per ea =	$12.00	
				TOTAL CULVERT COSTS =		$12.00

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Surfacing rock						
Spot rock	3" - 0	$1.85	$23.68	$1.40	250	$6,732.50
Roadside landing	3" - 0	$1.85	$23.68	$1.40	95	$2,558.35
Landing	3" - 0	$1.85	$23.68	$1.40	47	$1,265.71
				Subtotal =	392	$10,556.56

Totals	All Rock =	392
	3" - 0	392

TOTAL ROCK COSTS = $10,556.56

EROSION CONTROL

Grass seed & fertilizer	0.09	ac @	$697.50	per ac =	$62.78	
				TOTAL EROSION CONTROL COSTS =		$62.78

TOTAL PROJECT COST = $11,431.06

SUMMARY OF CONSTRUCTION COST

Timber Sale:	Sidewinder	Sale Number:	FG-341-2026-W01159-01
Road Segment:	Point I	Improvement:	- stations
			- miles

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

ROCK

	Rock Size	Base Cost $/cy	Haul Cost $/cy	Placement/ Processing Cost $/cy	Total CY	Rock Cost
Surfacing rock						
Junction	1½" - 0	$8.30	$23.02	$1.40	72	$2,355.84
				Subtotal =	72	$2,355.84

Totals	All Rock =	72
	1½" - 0	72

TOTAL ROCK COSTS = $2,355.84

TOTAL PROJECT COST = $2,355.84

SUMMARY OF CONSTRUCTION COST

Timber Sale:	Sidewinder	Sale Number:	FG-341-2026-W01159-01
Road Segment:	All roads	Improvement:	202+75 stations
			3.84 miles

PROJECT NO. 2: ROAD BRUSHING

IMPROVEMENT					
Roadside brushing	3.84	mi @	$1,100.00	per mi =	$4,224.00

TOTAL PROJECT COST = $4,224.00

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Sidewinder
Sale Number: FG-341-2026-W01159-01
Stockpile Name: Reload

3" -0: 1,508 cy (truck measure)
Total truck yardage: 1,508 cy

Move-in					
Move in loader					$1,050.36
Move in Dump Trucks					$387.57
				Subtotal =	$1,437.93
				Per CY =	$0.95/cy
3"-0 Base Cost					
Load dump truck	$0.90	/ cy x	1,508	cy =	$1,357.20
				Subtotal =	$1,357.20
				Per CY =	$0.90

3"-0 Cost = **$1.85/cy**

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Sidewinder
Sale Number: FG-341-2026-W01159-01
Stockpile Name: Seven Cedars

1 1/2" - 0: 216 cy (truck measure)
Total truck yardage: 216 cy

Move-in					
Move in loader					$1,180.72
Move in Dump Trucks					$418.50
				Subtotal =	$1,599.22
				Per CY =	$7.40/cy
1 1/2"-0 Base Cost					
Load dump truck	$0.90	/ cy x	216	cy =	$194.40
				Subtotal =	$194.40
				Per CY =	$0.90

1 1/2"-0 Cost = **$8.30/cy**

CRUISE REPORT
Sidewinder
#FG-341-2026-W01159-01

1. **LOCATION:**
   Portions of Sections 4 & 9, 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 19 inches, sampling error (SE) of 10% and a minimum of 100 grade trees.

3. **SAMPLING METHOD:**
   The Timber Sale Area was cruised in January of 2026 with variable radius grade plots using a 40 BAF prism. Plots were laid out on a 4 chain x 5 chain grid. Plots falling on or near existing roads or no-harvest areas were offset 1 chain.

4. **CRUISE RESULTS:**
   174 trees were measured and graded producing a standard error of 6.1% on the Douglas-fir Basal Area and 7.1% 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. For hardwoods five percent was deducted.

7. **CRUISERS:** The sale was cruised by Colton Turner and Adrian Torres.

Prepared by: Colton Turner 01-26-2026
Date

Reviewed by: Mark Savage 01-26-2026
Date

TC PSTATS	PROJECT STATISTICS	PAGE 1
	PROJECT SIDEWNDR	DATE 1/26/2026

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T1S	R6	04	SIDEWNDR	00MC	96.00	36	178	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	36	178	4.9		
CRUISE	36	178	4.9	11,431	1.6
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	171	110.8	17.7	108	45.1	190.0	32,982	32,788	7,504	7,504
DOUG FIR-S	3	2.7	14.9	76	0.9	3.3				
WHEMLOCK	2	3.5	10.9	67	0.7	2.2	207	207	51	51
WHEMLOCK-S	1	.4	22.0	78	0.2	1.1				
R ALDER	1	1.7	11.0	80	0.3	1.1	67	67	23	23
TOTAL	*178*	*119.1*	*17.5*	*106*	*47.3*	*197.8*	*33,256*	*33,062*	*7,578*	*7,578*

CONFIDENCE LIMITS OF THE SAMPLE

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

CL 68.1	COEFF		SAMPLE TREES - BF			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	71.8	5.5	424	449	473			
DOUG FIR-S								
WHEMLOCK			60	60	60			
WHEMLOCK-S								
R ALDER								
TOTAL	*75.6*	*5.7*	*407*	*432*	*456*	*228*	*57*	*25*

CL 68.1	COEFF		SAMPLE TREES - CF			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	64.7	4.9	95	100	105			
DOUG FIR-S								
WHEMLOCK	37.0	34.7	10	16	21			
WHEMLOCK-S								
R ALDER								
TOTAL	*68.5*	*5.1*	*92*	*97*	*102*	*187*	*47*	*21*

CL 68.1	COEFF		TREES/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	58.8	9.8	100	111	122			
DOUG FIR-S	362.7	60.4	1	3	4			
WHEMLOCK	425.3	70.8	1	3	6			
WHEMLOCK-S	600.0	99.9	0	0	1			
R ALDER	600.0	99.9	0	2	3			
TOTAL	*55.6*	*9.3*	*108*	*119*	*130*	*123*	*31*	*14*

CL 68.1	COEFF		BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR	36.8	6.1	178	190	202			
DOUG FIR-S	336.4	56.0	1	3	5			
WHEMLOCK	418.2	69.6	1	2	4			
WHEMLOCK-S	600.0	99.9	0	1	2			
R ALDER	600.0	99.9	0	1	2			
TOTAL	*35.8*	*6.0*	*186*	*198*	*210*	*51*	*13*	*6*

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
T1S	R6	04	SIDEWNDR	00MC	96.00	36	178	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	42.3	7.1	30,476	32,788	35,100			
DOUG FIR-S								
WHEMLOCK	425.3	70.8	60	207	354			
WHEMLOCK-S								
R ALDER	600.0	99.9	0	67	135			
TOTAL	*42.3*	*7.0*	*30,735*	*33,062*	*35,390*	*71*	*18*	*8*

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	40.1	6.7	7,003	7,504	8,005			
DOUG FIR-S								
WHEMLOCK	419.8	69.9	15	51	87			
WHEMLOCK-S								
R ALDER	600.0	99.9	0	23	46			
TOTAL	*40.2*	*6.7*	*7,071*	*7,578*	*8,085*	*64*	*16*	*7*

TC PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

TT1S RR6W S04 Ty00MC 96.00

Project: **SIDEWNDR**

Acres **96.00**

Page **1**
Date **1/26/2026**
Time **8:22:10AM**

Spp	S T	So rt	Gr ad	% Net BdFt	Def%	Bd. Ft. per Acre 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														11	12		0.00	2.9
DF			2M	57	.7	19,062	18,937	1,818			64	36		1		99	40	15	337	1.78	56.2
DF			3M	38	.6	12,360	12,291	1,180		100			0	0	6	93	39	8	101	0.65	121.9
DF			4M	5		1,560	1,560	150		100			31	69			22	6	27	0.33	58.3
DF	**Totals**			99	.6	32,982	32,788	3,148		42	37	21	2	4	2	92	35	9	137	0.91	239.2
DF	S		CU														26	8		0.00	5.5
DF	**Totals**																26	8		0.00	5.5
WH			3M	100		207	207	20		100						100	38	6	60	0.39	3.5
WH	**Totals**			1		207	207	20		100						100	38	6	60	0.39	3.5
WH	S		CU														32	12		0.00	.8
WH	**Totals**																32	12		0.00	.8
RA			CR	100		67	67	6		100				100			26	7	40	0.53	1.7
RA	**Totals**			0		67	67	6		100				100			26	7	40	0.53	1.7
Totals					0.6	33,256	33,062	3,174		43	36	21	2	4	2	92	34	9	132	0.88	250.7

TC	PSTNDSUM	Stand Table Summary	Page	1
			Date:	1/26/2026
TT1S RR6W S04 Ty00MC	96.00	Project SIDEWNDR	Time:	8:22:11AM
		Acres 96.00	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		9	5	86	73	12.575	5.56	12.58	8.3	42.0	2.97	104	528	285	100	51
DF		10	1	87	81	2.037	1.11	2.04	12.8	60.0	.74	26	122	71	25	12
DF		12	6	87	92	8.488	6.67	15.56	12.0	49.1	5.32	187	764	511	179	73
DF		13	5	88	102	6.027	5.56	10.85	17.1	75.6	5.28	185	820	506	178	79
DF		14	10	87	97	10.394	11.11	20.79	17.1	69.0	10.15	356	1,434	974	342	138
DF		15	9	87	103	8.149	10.00	16.30	21.2	90.0	9.85	346	1,467	946	332	141
DF		16	12	87	109	9.549	13.33	19.10	25.1	104.2	13.66	479	1,989	1,312	460	191
DF		17	11	87	117	7.754	12.22	16.21	28.5	119.1	13.19	463	1,931	1,266	444	185
DF		18	8	88	117	5.030	8.89	10.69	32.6	130.0	9.94	349	1,390	955	335	133
DF		19	15	87	118	8.465	16.67	21.44	31.0	123.9	18.96	665	2,658	1,820	639	255
DF		20	10	87	119	5.093	11.11	13.24	32.7	133.5	12.33	433	1,767	1,184	415	170
DF		21	8	87	121	3.696	8.89	9.70	37.8	161.9	10.46	367	1,571	1,004	352	151
DF		22	18	87	126	7.576	20.00	21.05	41.2	186.0	24.70	867	3,914	2,371	832	376
DF		23	6	87	124	2.311	6.67	6.93	41.7	186.1	8.23	289	1,290	790	277	124
DF		24	8	87	129	2.829	8.89	8.13	48.4	218.3	11.22	394	1,775	1,077	378	170
DF		25	10	87	129	3.259	11.11	9.13	53.3	241.8	13.86	486	2,207	1,331	467	212
DF		26	9	87	138	2.712	10.00	8.14	56.9	265.9	13.20	463	2,164	1,267	445	208
DF		27	9	87	134	2.515	10.00	7.55	60.8	280.7	13.08	459	2,118	1,256	441	203
DF		29	2	87	139	.484	2.22	1.45	72.3	353.3	2.99	105	514	287	101	49
DF		30	4	86	139	.905	4.44	2.72	78.5	383.3	6.07	213	1,041	583	205	100
DF		31	1	86	147	.212	1.11	.64	88.3	436.7	1.60	56	278	154	54	27
DF		32	1	87	133	.199	1.11	.60	85.7	416.7	1.46	51	249	140	49	24
DF		33	1	87	139	.187	1.11	.56	94.3	470.0	1.51	53	264	145	51	25
DF		34	1	86	136	.176	1.11	.53	99.5	490.0	1.50	53	259	144	51	25
DF		37	1	85	148	.149	1.11	.45	124.4	613.3	1.58	56	274	152	53	26
DF		Totals	171	87	108	110.773	190.00	236.35	31.7	138.7	213.87	7,504	32,788	20,531	7,204	3,148
WH		10	1	87	66	2.037	1.11	2.04	11.5	60.0	.75	23	122	72	22	12
WH		12	1	87	69	1.415	1.11	1.41	19.6	60.0	.89	28	85	85	27	8
WH		Totals	2	87	67	3.452	2.22	3.45	14.8	60.0	1.64	51	207	157	49	20
RA		11	1	73	80	1.684	1.11	1.68	13.7	40.0	.63	23	67	61	22	6
RA		Totals	1	73	80	1.684	1.11	1.68	13.7	40.0	.63	23	67	61	22	6
DF	S	12	1	88	79	1.415	1.11									
DF	S	17	1	86	77	.705	1.11									
DF	S	18	1	86	67	.629	1.11									
DF	S	Totals	3	87	76	2.748	3.33									
WH	S	22	1	90	78	.421	1.11									
WH	S	Totals	1	90	78	.421	1.11									
Totals			178	87	106	119.078	197.78	241.49	31.4	136.9	216.14	7,578	33,062	20,749	7,275	3,174

TC PLOGSTVB

Log Stock Table - MBF

TT1S RR6W S04 Ty00MC 96.00

Project: SIDEWNDR
Acres 96.00

Page 1
Date 1/26/2026
Time 8:22:09AM

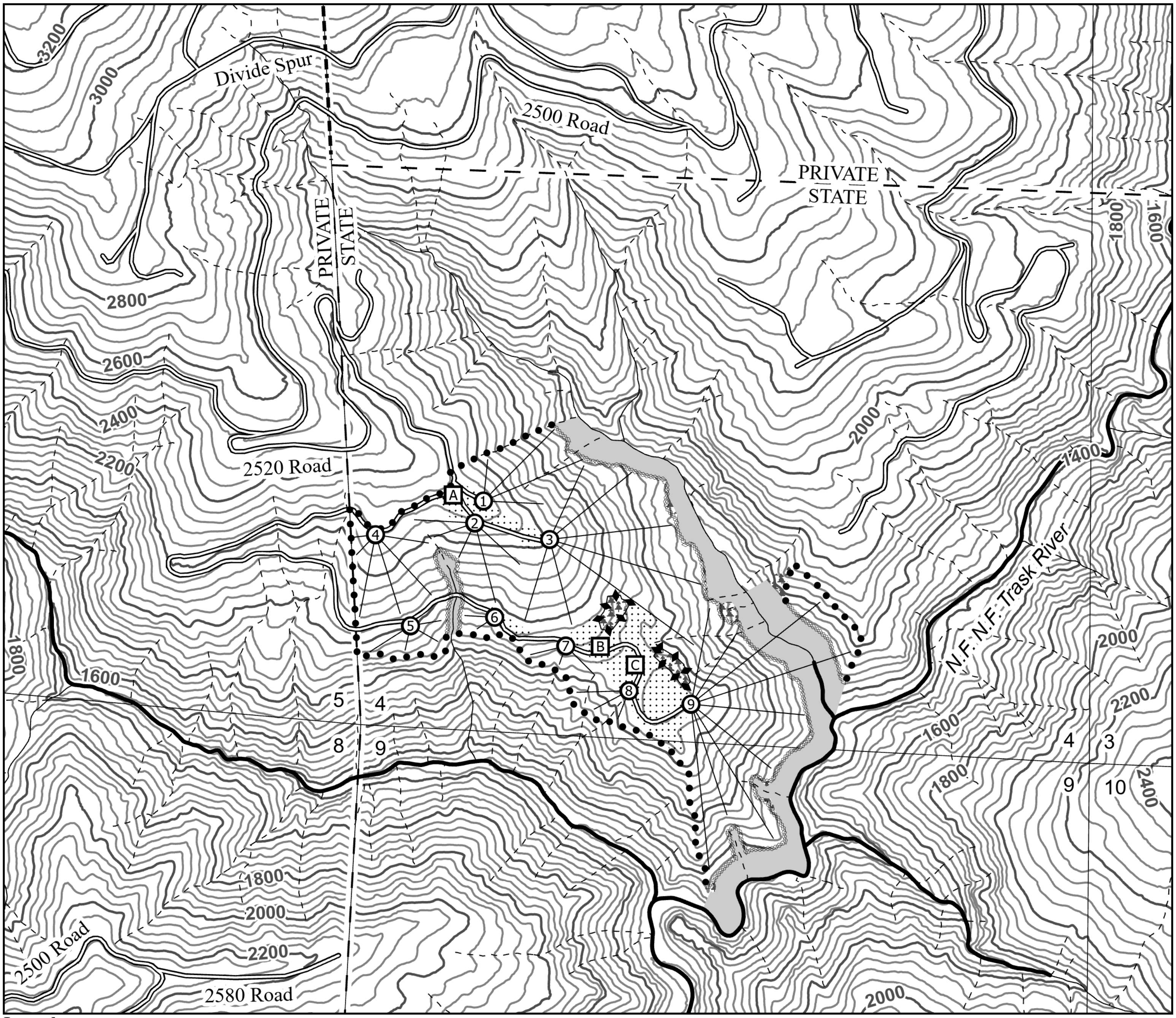
Spp	S T	So Gr rt de	Log Len	Gross MBF	Def %	Net MBF	% Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
								Net Volume by Scaling Diameter in Inches											
DF		2M	30	12	7.4	11	.4							11					
DF		2M	40	1,818		1,807	57.4						525	456	645	148	34		
DF		3M	20	3		3	.1					3							
DF		3M	28	1		1	.0				1								
DF		3M	30	2		2	.1			1	1								
DF		3M	32	42		42	1.3			41	1								
DF		3M	34	33		33	1.0			33									
DF		3M	36	9		9	.3			9									
DF		3M	38	21		21	.7			21									
DF		3M	40	1,075		1,068	33.9			203	376	490							
DF		4M	12	4		4	.1			4									
DF		4M	14	17		17	.5			17									
DF		4M	16	8		8	.2			8									
DF		4M	18	13		13	.4			13									
DF		4M	20	5		5	.2			5									
DF		4M	22	9		9	.3			9									
DF		4M	24	19		19	.6			19									
DF		4M	26	12		12	.4			12									
DF		4M	28	22		22	.7			22									
DF		4M	30	40		40	1.3			40									
DF		Totals		3,166		3,148	99.2			459	379	492	525	467	645	148	34		
WH		3M	36	12		12	59.0			12									
WH		3M	40	8		8	41.0			8									
WH		Totals		20		20	.6			20									
RA		CR	26	6		6	100.0			6									
RA		Totals		6		6	.2			6									
Total		All Species		3,193		3,174	100.0			485	379	492	525	467	645	148	34		

Volume Summary
(Shown in MBF)
Sidewinder
FG-341-2026-W01159-01
January 2026

TIMBER SALE AREA: Clearcut (96 Acres)

SPECIES		2 SAW	3 SAW	4 SAW	CAMP RUN	TOTAL
Douglas-fir	Cruise Volume	1,818	1,180	150	0	3,148
	Hidden D&B (2%)	(36)	(24)	(3)	(0)	(63)
	NET TOTAL	1,782	1,156	147	0	3,085
	% of Total	58	37	5	0	
Western hemlock	Cruise Volume	0	20	0	0	20
	Hidden D&B (2%)	(0)	(0)	(0)	(0)	(0)
	NET TOTAL	0	20	0	0	20
	% of Total	0	100	0	0	
Red alder	Cruise Volume	0	0	0	6	6
	Hidden D&B (5%)	(0)	(0)	(0)	(0)	(0)
	NET TOTAL	0	0	0	6	6
	% of Total	0	0	0	100	

SALE TOTAL					
SPECIES	**2 SAW**	**3 SAW**	**4 SAW**	**CAMP RUN**	**TOTAL**
Douglas-fir	1,782	1,156	147	0	3,085
Western hemlock	0	20	0	0	20
Red alder	0	0	0	6	6
Total	1,782	1,176	147	6	3,111



Legend

- Timber Sale Booundary
- Posted Stream Buffer Boundary
- Reserve Tree Boundary
- ODF Ownership Boundary
- Surfaced Road
- Type-F Stream
- Type-N Stream Perennial
- Type-N Stream Seasonal
- Stream Buffer
- Cable Yarding Area
- Tractor Yarding Area
- Cable Landing
- Tractor Landing
- Reserve Tree Area
- County Line
- Section Lines
- 40 Foot Contour Bands
- 200 Foot Contour Bands

LOGGING PLAN

FOR TIMBER SALE CONTRACT #FG-341-2026-W01159-01
SIDEWINDER
PORTIONS OF SECTIONS 4 & 9, T1S, R6W, W.M.,
WASHINGTON COUNTY, OREGON

Forest Grove District GIS
January, 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

N

APPROXIMATE NET ACRES	TRACTOR	CABLE
TOTAL	11	85