"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Lonely Beaver
Sale WO-341-2026-W01269-01

District: West Oregon

Date: October 02, 2025

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	$839,983.20	$10,761.93	$850,745.13
		Project Work:	($22,275.00)
		Advertised Value:	$828,470.13

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District: West Oregon **Date: October 02, 2025**

Timber Description

Location: Portions of Section 20, T11S, R09W, W.M., Lincoln, Oregon.

Stand Stocking: 60%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	20	0	98
Alder (Red)	18	0	97
Maple	17	0	97

Volume by Grade	2S	3S & 4S 6"-11"	Camprun	Total
Douglas - Fir	1,226	454	0	1,680
Alder (Red)	0	0	69	69
Maple	0	0	5	5
Total	1,226	454	74	1,754

Comments: Pond Values Used: Local Pond Values, August 2025

Western Hemlock and Other Conifers Stumpage Price = Pond Value minus Logging Cost:
$196.00/MBF = $525.00/MBF - $329.00/MBF

Western redcedar and Other conifers Stumpage Price = Pond Value minus Logging Cost:
$886.00/MBF = $1215.00/MBF - $329.00/MBF

PULP (Conifer and Hardwood Price) = $3.00/TON

Other Costs (with Profit & Risk to be added):
Equipment Cleaning (Invasive Species): $2,000
TOTAL Other Costs (Profit & Risk added) = $2,000

Other Costs (No Profit & Risk added):
None

ROAD MAINTENANCE
Move-in:(Roller, Grader) $1,750
Final Road Maintenance: $14,418.89
TOTAL Road Maintenance: $16,168.89/1,754 = $9.22/MBF

SLASH DISPOSAL
Move-In and Weed Wash = $2,000
33 hours @ $175/hr = $5,775
Landing Slash Piling and sorting out firewood: 2 Landings @ $200/Landing = $400
Total Slash Disposal = $8,175

Logging Conditions

Combination#: 1

Douglas - Fir	10.00%
Alder (Red)	10.00%
Maple	10.00%

Logging System: Cable: Medium Tower >40 - <70 **Process:** Feller Buncher
yarding distance: Medium (800 ft) **downhill yarding:** No
tree size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF
loads / day: 12 **bd. ft / load:** 4600
cost / mbf: $144.56
machines: Log Loader (A)
Feller Buncher w/ Delimber
Tower Yarder (Medium)

Combination#: 2

Douglas - Fir	30.00%
Alder (Red)	30.00%
Maple	30.00%

Logging System: Shovel **Process:** Manual Falling/Delimbing
yarding distance: Short (400 ft) **downhill yarding:** No
tree size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF
loads / day: 14 **bd. ft / load:** 4600
cost / mbf: $155.28
machines: Shovel Logger

Combination#: 3

Douglas - Fir	60.00%
Alder (Red)	60.00%
Maple	60.00%

Logging System: Shovel **Process:** Feller Buncher
yarding distance: Short (400 ft) **downhill yarding:** No
tree size: Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF
loads / day: 21 **bd. ft / load:** 4600
cost / mbf: $103.52
machines: Feller Buncher w/ Delimber

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District: West Oregon **Date: October 02, 2025**

Logging Costs

Operating Seasons:	1.00	**Profit Risk:**	12%
Project Costs:	$22,275.00	**Other Costs (P/R):**	$2,000.00
Slash Disposal:	$8,175.00	**Other Costs:**	$0.00

Miles of Road

Road Maintenance: $9.22

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

Hauling Costs

Species	$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	$0.00	2.0	4.2
Alder (Red)	$0.00	2.0	3.8
Maple	$0.00	2.0	3.7

Timber Sale Appraisal
Lonely Beaver
Sale WO-341-2026-W01269-01

District: West Oregon **Date: October 02, 2025**

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
$123.15	$9.40	$2.50	$151.79	$1.14	$34.56	$4.66	$2.00	$0.00	$329.20
Alder (Red)									
$123.15	$9.50	$2.50	$169.40	$1.14	$36.68	$4.66	$2.00	$0.00	$349.03
Maple									
$123.15	$9.50	$2.50	$173.99	$1.14	$37.23	$4.66	$2.00	$0.00	$354.17

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	$0.00	$829.19	$499.99	$0.00
Alder (Red)	$0.00	$505.00	$155.97	$0.00
Maple	$0.00	$384.17	$30.00	$0.00

"STEWARDSHIP IN FORESTRY"

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Lonely Beaver
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District: West Oregon **Date: October 02, 2025**

Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	$0.00	$0.00
Alder (Red)	0	$0.00	$0.00
Maple	0	$0.00	$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	1,680	$499.99	$839,983.20
Alder (Red)	69	$155.97	$10,761.93
Maple	5	$30.00	$150.00

Gross Timber Sale Value

Recovery: $850,895.13

Prepared By: Isabelle Doan **Phone:** 541-929-6163

SUMMARY OF ALL PROJECT COSTS

Sale Name: Lonely Beaver

Date: August 2025
Time: 9:16

Project #1 - Road Improvement, Surface Rock Replacement and Maintenance

Road Segment	Length	Cost
1 to 2	269.4 sta	$6,609
2 to 3	67.8 sta	$5,528
4 to 5	8.4 sta	$3,743
6 to 7	3.8 sta	$2,965
8 to 9	12.7 sta	$580
TOTALS	362.1 sta	$19,425

Project #2 - Equipment Move In	Cost
Dozer, D-6 or equiv.	$950
Grader, Cat 14-G or equiv.	$950
Vibratory roller	$950
TOTAL	$2,850

GRAND TOTAL **$22,275**

Compiled by: Belle Doan Date 08/29/2025

SUMMARY OF CONSTRUCTION COST

SALE Lonely Beaver Project # 1 LENGTH 269.4 sta
ROAD 1 to 2

IMPROVEMENT				Rate				
Shape surface (w/ grader)	80 sta		@	$22.69	/sta	=	$1,815	
Compact surface (w/ roller)	80 sta		@	$17.50	/sta	=	$1,400	
					TOTAL IMPROVEMENT =			$3,215
SURFACING		Size		Rate				
Spot rock	100 CY	1½"-0"	@	$33.94	/CY	=	$3,394	
					TOTAL ROCK COST =			$3,394

Compiled by: Belle Doan
Date: Aug 29, 2025

GRAND TOTAL =====> $6,609

SUMMARY OF CONSTRUCTION COST

SALE Lonely Beaver Project # 1 LENGTH 67.8 sta
ROAD 2 to 3

IMPROVEMENT				Rate				
Remove sod (w/ grader) (Sta. 62+60 to 67+80)	5.2	sta	@	$16.95	/sta	=	$88	
Shape surface (w/ grader)	67.8	sta	@	$22.69	/sta	=	$1,538	
Compact surface (w/ roller)	67.8	sta	@	$17.50	/sta	=	$1,187	
					TOTAL IMPROVEMENT =			$2,813

SURFACING			Size		Rate				
Spot rock	80	CY	1½"-0"	@	$33.94	/CY	=	$2,715	
						TOTAL ROCK COST =			$2,715

Compiled by: Belle Doan
Date: Aug 29, 2025

GRAND TOTAL =====> $5,528

SUMMARY OF CONSTRUCTION COST

SALE Lonely Beaver Project # 1 LENGTH 8.4 sta
ROAD 4 to 5

IMPROVEMENT				Rate				
Remove sod (w/ grader)	8.4	sta	@	$16.95	/sta	=	$142	
Re-open road and landing (w/ dozer)	2	hrs	@	$140.00	/hr	=	$280	
Shape surface (w/ grader)	8.4	sta	@	$22.69	/sta	=	$191	
Compact surface (w/ roller)	8.4	sta	@	$17.50	/sta	=	$147	
					TOTAL IMPROVEMENT =			$760

SURFACING			Size		Rate				
Spot rock	60	CY	1½"-0"	@	$33.94	/CY	=	$2,036	
Landing rock	30	CY	Jaw-Run	@	$31.57	/CY	=	$947	
						TOTAL ROCK COST =			$2,983

Compiled by: Belle Doan
Date: Aug 29, 2025

GRAND TOTAL =====> $3,743

SUMMARY OF CONSTRUCTION COST

SALE Lonely Beaver Project # 1 LENGTH 3.8 sta
ROAD 6 to 7

IMPROVEMENT				Rate				
Re-open road (w/ dozer)	3.8	sta		@	$41.00	/sta	=	$156
Re-open landing (w/ dozer)	0.5	hrs		@	$140.00	/hr	=	$70
Shape surface (w/ grader)	3.8	sta		@	$22.69	/sta	=	$86
Compact surface (w/ roller)	3.8	sta		@	$17.50	/sta	=	$67
						TOTAL IMPROVEMENT =		$379

SURFACING			Size		Rate			
Surface	60	CY	3"-0"	@	$32.59	/CY	=	$1,955
Landing	20	CY	Jaw-Run	@	$31.57	/CY	=	$631
						TOTAL ROCK COST =		$2,586

Compiled by: Belle Doan
Date: Aug 29, 2025

GRAND TOTAL =====> $2,965

SUMMARY OF CONSTRUCTION COST

SALE Lonely Beaver Project # 1 LENGTH 12.7 sta
ROAD 8 to 9

IMPROVEMENT			Rate			
Remove rootwads (w/ dozer)	0.5 hrs	@	$140.00	/hr	=	$70
Shape surface (w/ grader)	12.7 sta	@	$22.69	/sta	=	$288
Compact surface (w/ roller)	12.7 sta	@	$17.50	/sta	=	$222
				TOTAL IMPROVEMENT =		$580

Compiled by: Belle Doan
Date: Aug 29, 2025

GRAND TOTAL =====> $580

SUMMARY OF MAINTENANCE COST

SALE Lonely Beaver Final log haul Maintenance Cost Estimate

(Costed in appraisal, not in project costs)

Move-in	Grader	$	875
	Vibratory Roller	$	875

Road Segment	Length	Cost/Sta	Cost	Mileage
1 to 2	269.4	$22.69	$6,112.69	5.10
2 to 3	67.8	$40.19	$2,724.88	1.28
4 to 5	8.4	$40.19	$337.60	0.16
6 to 7	3.8	$40.19	$152.72	0.07
Total	349.4		$9,327.89	6.62

Maintenance Rock:

	Volume	Cost/CY	Cost
1½"-0"	150	$33.94	$5,091.00

Grand Total $ 16,168.89

TS Volume 1,754 MBF

Cost / MBF = $9.22

NOTES:

Rock Haul Cost Computation

SALE NAME: Lonely Beaver — DATE: Aug 29, 2025
ROAD NAME: South Beaver Rd — CLASS: Medium
ROCK SOURCE: Rickard Rock Quarry — 10 CY truck
Route: Hwy 20 to Deer Creek to South Beaver

TIME Computation:
Road speed time factors:

1.	55 MPH	40.3	MRT	44.0	minutes
2.	50 MPH		MRT	0.0	minutes
3.	45 MPH		MRT	0.0	minutes
4.	40 MPH		MRT	0.0	minutes
5.	35 MPH		MRT	0.0	minutes
6.	30 MPH		MRT	0.0	minutes
7.	25 MPH		MRT	0.0	minutes
8.	20 MPH	10.2	MRT	30.6	minutes
9.	15 MPH	1.6	MRT	6.4	minutes
10.	10 MPH	1.7	MRT	10.2	minutes
11.	05 MPH		MRT	0.0	minutes

Dump or spread time per RT		0.50	minutes
Total hauling cycle time for this setting (100% efficiency)		91.70	minutes
Operator efficiency correction	0.85	107.88	minutes
Job efficiency correction	0.90	119.87	minutes
Truck capacity (CY)	10.00	11.99	min/CY
Loading time, delay time per CY		0.25	min/CY
TIME (minutes) per cubic yard		12.24	min/CY

COST per CY computation

Cost of truck and operator per hour	$100.00	/hr.
Cost of truck and operator per minute	$1.67	/min
Cost per CY	$20.44	/CY

Size	**Cost/Yd (Pit)**	**Cost Delivered w/o processing**
1½" - 0"	$ 13.50	$33.94
3" - 0"	$ 12.15	$32.59
Jaw-Run	$ 11.13	$31.57
Pit-Run	$ 9.45	$29.89

12TIMBER CRUISE REPORT

Lonely Beaver
(WO-341-2026-W01269-01)
FY 2026

1. **Sale Area Location**: Portions of Section 20, T11S, R09W, W.M., Lincoln, Oregon.

2. **Fund Distribution:**
   a. **Fund** BOF 100%

3. **Sale Acreage by Area:**

Unit	Treatment	Gross Acres	Stream Buffers	No Harvest	Existing Roads	Green Tree Reserve Area	Net Sale Acres	Acreage Comp. Method
1	Modified Clearcut	61	2	5	4	2	48	GIS
Total		61	2	5	4	2	48	GIS

4. **Cruisers and Cruise Dates:** The sale was cruised by Isabelle Doan, Jamie Gassner, and Aaron McEwen in July of 2025.

5. **Cruise Method and Computation:** The sale consists of one clearcut unit that was stratified into two strata, with both using variable radius plot sampling on a 3x3 chain grid using a 40 BAF prism factor. A total of 39 plots were taken in Unit 1 with 18 grade plots in strata 1 and 10 count plots and 11 grade plots in strata 2.

   Measure plots were measured for DBH, height, form factor, grade, and defect. Data was entered into the Atterbury SuperACE cruise program to determine stand statistics and net board foot volume. Additional volume was removed to account for hidden defect and breakage.

   Digital ortho photos, Lidar data, and GPS data were used to map the boundaries for the sale, and ArcPro GIS was used to determine gross and net acreage.

6. **Measurement Standards:** Tree heights were measured to the nearest foot, to a top diameter of 5 inches inside bark or to 40% of dob at 16' form point. Diameters at breast height (DBH) were measured to the nearest inch, and a form point of 16 feet was used to calculate form factor. Form factors were measured or estimated on every tree. Most trees were graded in 40-foot log segments unless breakage, defect, or length to top of grade cruise diameter warranted otherwise.

7. **Timber Description:** Timber in Unit 1 includes 30 acres of predominately 44-year-old Douglas-fir with some scattered bigleaf maple and red alder as well as 18 acres of predominately 94-year-old Douglas-fir with some scattered red alder and bigleaf maple. The average Douglas-fir to be removed in strata 1 is approximately 33 inches DBH, with an average total height of 155 feet. The average red alder is approximately 18 inches DBH with an average height of 63 feet. The average Douglas-fir to be removed in strata 2 is approximately 18 inches DBH, with an average total height of 97 feet. The average bigleaf maple diameter in strata 2 was 17 inches with an average total height of 41 feet. The average volume per acre to be harvested is approximately 36.4 MBF/Acre (net).

8. **Statistical Analysis and Stand Summary:** (See attached "Statistics").

Strata	Target CV	Target SE	Actual CV	Actual SE
1	50%	9%	88.2%	20.8%
2	50%	9%	34.5%	7.7%

Note: Statistics shown are for conifer and hardwood trees combined. Percentages are for net board foot volume.

9. **Total Volume (MBF) by Species and Grade:** (See attached volume report "Species, Sort Grade – Board Foot Volumes - Project").

Unit	Species	Gross Cruise Volume	Cruised D & B	Cruised D & B (MBF)	Hidden D & B	Hidden D & B (MBF)	Net Sale Volume
1	Douglas-fir	1767	3%	(53)	2%	(34)	1680
	Red Alder	71	2%	(1)	2%	(1)	69
	Bigleaf Maple	5	-	-	-	-	5
Totals		1843	2.9%	54	2%	35	1754

Unit	Species	Ave. DBH	Net Vol.	2-Saw	3-Saw	4-Saw	Camp Run
1	Douglas-fir	20	Grade %	73%	22%	5%	-
			1680	1226	370	84	-
	Red Alder	18	Grade %	-	-	-	100%
			69	-	-	-	69
	Bigleaf Maple	17	Grade %	-	-	-	100%
			5	-	-	-	5
Totals			1754	1226	370	84	74

Attachments: Cruise Design
Cruise Maps
Statistics
Species, Sort Grade – Board Foot Volumes
Stand Table Summary
Log Stock Table – MBF

Prepared by: Belle Doan Date: 08/07/2025

Unit Forester: Cody Valencia Date: 8/28/25

Cody Valencia

Revised August, 2002

CRUISE DESIGN
WEST OREGON DISTRICT

Sale Name: Lonely Beaver **Area** 1

Harvest Type: MC
Approx. Cruise Acres: 48 **Estimated CV%** (Net BF) 50 /Acre **SE% Objective** (Net BF) 9 /Acre

Planned Sale Volume: 3.4 MMBF **Estimated Sale Area Value/Acre:** $ 14,450

A. Cruise Goals: (a) Grade minimum 100 conifer and ____ hardwood trees:
(b) Sample 18 cruise plots (18 grade) in SRATA 1 and 21 cruise plots (10 count and 11 grade) in STRATA 2; (c) Other goals X Determine log grades for sale value; __ Determine take and leave tree species and sizes.

(Special cruising directions – leave trees etc.) Take plots as shown on map. Do not take plots in buffers.

DO NOT RECORD 12', 22' and 32' (for Hardwoods).

DO NOT RECORD 22' LENGTHS.

B. Cruise Design:

1. **Plot Cruises:** BAF __ Full point
   Cruise Line Direction(s) 90, 270
   Cruise Line Spacing 3, 198 (chains) (feet)
   Cruise Plot Spacing 3, 198 (chains) (feet)
   Grade/Count Ratio 1:1

C. Tree Measurements:

1. **Diameter:** Minimum DBH to cruise is 8" for conifers and 10" for hardwoods. Record dbh to nearest ½" for trees < 16", to nearest 1" for trees 16-24", and to nearest 2" for trees > 24". If tree diameters are estimated (only estimate on variable plot cruises), then record to closest estimate.

2. **Bole Length:** Record bole length to nearest foot at TCD. For trees greater than 100 feet in merchantable height, estimating to the nearest 5 feet is acceptable.

3. **Top Cruise Diameter (TCD):** Minimum top outside bark for conifer is 5", 7" for hardwoods or 40 % of dob at 16' form point. Generally, use 6" outside bark for trees < 18" dbh and 40% of dob @ FP for trees > 18" dbh.

4. **Form Factors:** (1) Measure or estimate a 16' form factor for every conifer tree measured/graded; OR (2) Measure a minimum of 20 form factors for each major conifer species on the cruise area, and use these to calculate average FF for the species on the cruise. Hardwood form factors are a Standard 87.

5. **Tree Segments:** Record log segments in "standard" log lengths in general use, such as 32' and 40' lengths, whenever possible. Do not record odd segments just to maximize grade. Cull

segments can be any length. For conifers, minimum merchantable segment length is 12'; for hardwoods, it's 8'. Maximum segment length is 40'. One foot of trim is assumed for each merch. log segment. Do not use "double dash" (--) feature on the data recorder except for the top segment of the tree.

6. **Species, Sort, and Grade Codes:** A. Species: Record as DF (Douglas-fir); WH (Western hemlock); SS (Sitka Spruce); RC (Western red cedar); NF (Noble fir); SF (Silver fir); RA (Red alder); BM (Bigleaf maple). For "leave trees" in partial cuts, or for marked "wildlife trees," add an "L" to the species code (such as DFL, HL, CL, etc.)
   B. Sort: Use code "1" (Domestic).
   C. Grade: A = 1 Peeler; B = 2 Peeler; C = 3 Peeler; D = Special Mill; 2 = 2 Sawmill; 3 = 3 Sawmill; 4 = 4 Sawmill; K = Camp Run; 0 = Cull ;
   Hardwoods: K = Camprun; #1 Sawmill = 12"+ scaling diameter; #2 Sawmill = 10" and 11"; #3 Sawmill = 8" and 9"; #4 Sawmill = 6" and 7"

7. **Deductions:** Estimate visible defect or damage as a "length deduction" (most often), or as a "diameter deduction," as applicable. Estimate hidden defect and breakage (usually some breakage is encountered in trees > 100 feet in height) on a "per tree" basis. Steep and broken topography generally results in higher breakage percentages than gentler topography, and hemlock generally breaks more than D-fir and spruce.

8. **Standard Field Procedures:** Plot Type Cruises: Mark cruise line beginning points with red flagging. Write plot identification numbers and line direction on the ribbon. At each plot, tie red flagging above eye level near plot center and another red flagging around a sturdy wooden stake marking plot center. On red flagging, write the plot identification number. On "measure/grade" plots write the tree number and/or tree diameter on all measured trees (clockwise from the line direction) in yellow paint. Mark leave trees with an L for leave.
   ITS and 100% Cruises: Mark cruise "strips" with various colored flagging (not pink). Mark trees measured and graded with yellow paint.

9. **Cruising Equipment:** Relaskop, Rangefinder, Logger's Tape (with dbh on back), Compass, Cruise Cards or Data Recorder, Cruise Design, Cruise Map, Red Flagging, Yellow Paint.

10. **Attachments:** A. Cruise Map (showing cruise unit boundaries, roads, streams, approx. acres/unit, cruise lines and plot locations, legal description and section lines, BAF or plot size, measure/count plot ratio, north arrow, and scale.

Cruise Design by: __Isabelle Doan_____ _____
Approved by: _____
Date: _____06/05/2025_____

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

State, County: OR LINCOLN | Lths and Dias: ACI-2023 | Species: WEST ORE | Page: 1/1

Project: LB | # Plots: 38 | Sort: WEST ORE | Date: 08/29/2025

Tract: CC | # Trees: 159 | Grade: WEST ORE | Cruised:

Stand: 0001 : 0002 | # Meas Trees: 110 | Price: ACI-2018 | Grown:

Acres: 48.00 | # Count Trees: 49 | Cost: ACI-2023 | Edited:

				BdFt per Acre				Percent (%) of Net BdFt Volume														Average Log				
								Log Scale Dia								Log Length										
Species	Stat	Srt	Grd	% Net BdFt	% Def	Gross	Net	Total Net Mbf	2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99	12-15	16-21	22-23	24-27	28-31	32-35	36-39	40+	Len (Ft)	Dia (In)	BdFt	CuFt / Len	Logs /Acre
DF		DO	2M	73.0	3.3	26,943	26,051	1,250				44	18	20	15	2	0	0			0	0	4	96	39	16.8	468	2.5	55.673
DF		DO	3M	22.5	2.3	8,238	8,049	386		19	81	0					0	1	0		1	8	14	76	38	8.9	101	0.8	79.467
DF		DO	4M	4.5	2.2	1,636	1,600	77		97	3						15	21	14		6	21	13	9	23	6.1	28	0.4	57.784
DF			**Totals**	**100.0**	**3.0**	**36,816**	**35,700**	**1,714**		**9**	**18**	**32**	**13**	**15**	**11**	**2**	**1**	**1**	**1**			**3**	**6**	**88**	**34**	**10.3**	**185**	**1.3**	**192.925**
RA		DO	CR	100.0	1.8	1,474	1,448	70		24	55	21						11			25		24	40	28	8.9	88	1.0	16.535
RA			**Totals**	**100.0**	**2.0**	**1,474**	**1,448**	**70**		**24**	**55**	**21**						**11**			**25**		**24**	**40**	**28**	**8.9**	**88**	**1.0**	**16.535**
BM		DO	CR	100.0		112	112	5		100											100				30	7.9	50	0.8	2.231
BM			**Totals**	**100.0**		**112**	**112**	**5**		**100**											**100**				**30**	**7.9**	**50**	**0.8**	**2.231**
DFW		DO	2M	100.0	2.5	447	436	21					5		16	79		5						95	35	36.7	2,475	12.5	.176
DFW			**Totals**	**100.0**	**2.0**	**447**	**436**	**21**					**5**		**16**	**79**		**5**						**95**	**35**	**36.7**	**2475**	**12.5**	**0.176**
Totals All Species				**100.0**	**3.0**	**38,848**	**37,695**	**1,809**		**9**	**20**	**31**	**13**	**14**	**11**	**2**	**1**	**2**	**1**		**2**	**3**	**7**	**86**	**34**	**10.2**	**178**	**1.3**	**211.867**

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

State, County: OR LINCOLN | Lths and Dias: ACI-2023 | Species: WEST ORE | Page: 1/1

Project: LB | # Plots: 38 | Sort: WEST ORE | Date: 08/29/2025

Tract: CC | # Trees: 159 | Grade: WEST ORE | Cruised:

Stand: 0001 : 0002 | # Meas Trees: 110 | Price: ACI-2018 | Grown:

Acres: 48.00 | # Count Trees: 49 | Cost: ACI-2023 | Edited:

				BdFt per Acre				Percent (%) of Net BdFt Volume														Average Log				
								Log Scale Dia								Log Length										
Species	Stat	Srt	Grd	% Net BdFt	% Def	Gross	Net	Total Net Mbf	2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99	12-15	16-21	22-23	24-27	28-31	32-35	36-39	40+	Len (Ft)	Dia (In)	BdFt	CuFt / Len	Logs /Acre
DF		DO	2M	73.0	3.3	26,943	26,051	1,250				44	18	20	15	2	0	0			0	0	4	96	39	16.8	468	2.5	55.673
DF		DO	3M	22.5	2.3	8,238	8,049	386		19	81	0					0	1	0		1	8	14	76	38	8.9	101	0.8	79.467
DF		DO	4M	4.5	2.2	1,636	1,600	77		97	3						15	21	14		6	21	13	9	23	6.1	28	0.4	57.784
DF			**Totals**	**100.0**	**3.0**	**36,816**	**35,700**	**1,714**		**9**	**18**	**32**	**13**	**15**	**11**	**2**	**1**	**1**	**1**			**3**	**6**	**88**	**34**	**10.3**	**185**	**1.3**	**192.925**
RA		DO	CR	100.0	1.8	1,474	1,448	70		24	55	21						11			25		24	40	28	8.9	88	1.0	16.535
RA			**Totals**	**100.0**	**2.0**	**1,474**	**1,448**	**70**		**24**	**55**	**21**						**11**			**25**		**24**	**40**	**28**	**8.9**	**88**	**1.0**	**16.535**
BM		DO	CR	100.0		112	112	5		100											100				30	7.9	50	0.8	2.231
BM			**Totals**	**100.0**		**112**	**112**	**5**		**100**											**100**				**30**	**7.9**	**50**	**0.8**	**2.231**
DFW		DO	2M	100.0	2.5	447	436	21					5		16	79		5						95	35	36.7	2,475	12.5	.176
DFW			**Totals**	**100.0**	**2.0**	**447**	**436**	**21**					**5**		**16**	**79**		**5**						**95**	**35**	**36.7**	**2475**	**12.5**	**0.176**
Totals All Species				**100.0**	**3.0**	**38,848**	**37,695**	**1,809**		**9**	**20**	**31**	**13**	**14**	**11**	**2**	**1**	**2**	**1**		**2**	**3**	**7**	**86**	**34**	**10.2**	**178**	**1.3**	**211.867**

Stand Summary Report

State, County: OR LINCOLN | Lths & Dias: ACI-2023 | Species WEST ORE | Page: 1/2

Project: LB | # Plots: 38 | Sort: WEST ORE | Date: 08/29/2025

Tract: CC | # Trees: 159 | Grade: WEST ORE | Cruised:

Stand: 0001 : 0002 | # Measured Trees: 110 | Price: ACI-2018 | Grown To:

Acres: 48.00 | # Count Trees: 49 | Cost: ACI-2023 | Edited:

										Net Per Log		Net Per Acre			BdFt	Total Net		
Spp	St	Dbh	Smpl Trees	Avg Age	Avg FF	Avg Total Ht	Trees /Ac	BA /Ac	Logs /Ac	Ht/D Inches	CuFt	BdFt	Tons	CuFt	BdFt	Def %	Tons	Ccf	Mbf
DF		13	2	45	86	83	3.625	3.34	7.250	76.7	14	47	3	105	344	5.2	144	50	17
DF		14	3	56	83	90	4.469	4.78	8.939	77.1	18	55	5	165	488	2.1	225	79	23
DF		15	4	45	86	84	5.448	6.69	10.896	67.0	20	64	6	218	693	5.9	298	104	33
DF		16	4	45	88	93	4.655	6.50	9.309	69.7	24	84	6	228	778	2.8	311	109	37
DF		17	2	45	91	104	1.895	2.99	3.789	73.7	32	107	3	121	407	2.4	166	58	20
DF		18	3	45	87	97	41.986	76.80	87.587	63.3	33	115	84	2,934	10,112	2.8	4,013	1,408	485
DF		19	6	45	87	99	5.073	9.99	10.896	62.3	35	113	11	382	1,232	2.1	522	183	59
DF		20	6	45	87	103	4.511	9.84	9.021	61.9	43	145	11	391	1,308	3.4	535	188	63
DF		21	5	51	88	103	3.157	7.59	6.724	58.6	45	155	9	303	1,044	3.0	414	145	50
DF		22	5	53	86	106	2.961	7.82	6.534	57.6	48	172	9	317	1,125	1.1	433	152	54
DF		23	2	64	90	115	0.888	2.56	2.665	60.1	44	188	3	117	501	0.0	160	56	24
DF		24	4	45	89	113	1.991	6.25	5.470	56.6	50	204	8	273	1,116	2.6	374	131	54
DF		26	1	94	87	155	0.299	1.10	0.597	71.7	25	85		15	51	0.0	20	7	2
DF		27	1	45	87	107	0.415	1.65	0.831	47.5	82	270	2	68	224	20.4	93	32	11
DF		28	2	62	84	116	0.686	2.93	1.613	49.6	78	294	4	126	475	5.4	172	60	23
DF		29	2	94	87	157	0.480	2.20	1.440	64.8	89	425	4	128	612	1.2	175	61	29
DF		30	2	65	92	142	0.501	2.46	1.705	56.7	78	394	4	133	671	0.4	182	64	32
DF		31	1	94	87	176	0.210	1.10	0.840	68.2	81	388	2	68	326	3.9	93	33	16
DF		32	1	94	92	167	0.176	0.98	0.705	62.7	90	495	2	64	349	0.0	87	31	17
DF		33	4	94	88	173	0.720	4.28	2.510	63.0	108	561	8	272	1,409	1.6	371	130	68
DF		34	2	94	87	180	0.346	2.18	1.384	63.6	103	518	4	143	717	6.3	196	69	34
DF		35	2	94	85	179	0.345	2.31	1.208	61.3	121	601	4	146	727	5.9	200	70	35
DF		36	3	94	90	177	0.434	3.07	1.595	58.9	128	709	6	204	1,131	2.1	279	98	54
DF		37	3	94	90	192	0.417	3.11	1.668	62.3	132	745	6	221	1,242	3.1	302	106	60
DF		38	1	94	86	185	0.143	1.13	0.429	58.5	104	563	1	44	242	0.0	61	21	12
DF		39	1	94	87	185	0.133	1.10	0.531	57.0	138	723	2	73	384	4.8	100	35	18
DF		40	1	94	90	124	0.118	1.03	0.354	37.2	142	713	1	50	252	3.7	69	24	12
DF		41	3	94	92	191	0.325	2.98	1.194	55.8	179	1,027	6	213	1,225	3.2	292	102	59
DF		42	1	94	85	181	0.120	1.15	0.480	51.8	154	820	2	74	393	2.1	101	35	19
DF		43	4	94	87	216	0.435	4.39	1.742	60.3	190	1,080	9	330	1,880	2.6	452	159	90
DF		44	2	94	86	193	0.211	2.23	0.735	52.5	187	1,066	4	137	784	1.7	188	66	38
DF		47	1	94	92	193	0.082	0.98	0.327	49.3	220	1,318	2	72	431	0.2	98	34	21
DF		51	1	94	88	150	0.076	1.08	0.152	35.3	202	955	1	31	145	9.9	42	15	7
DF		52	4	94	87	180	0.296	4.37	1.119	41.6	253	1,367	8	282	1,529	6.0	386	136	73
DF		53	1	94	92	224	0.064	0.98	0.193	50.8	302	1,860	2	58	359	7.7	80	28	17
DF		55	1	94	87	214	0.067	1.10	0.267	46.7	308	1,783	2	82	476	3.2	112	39	23
DF		63	1	94	92	227	0.045	0.98	0.227	43.2	367	2,288	2	84	520	5.5	114	40	25
DF			**92**	**50**	**87**	**102**	**87.803**	**196.03**	**192.925**	**64.2**	**45**	**185**	**247**	**8,671**	**35,700**	**3.0**	**11,862**	**4,162**	**1,714**
RA			0	0		0	0.000	8.26	0.000							0.0			
RA		13	1	94	87	64	1.194	1.10	1.194	59.1	26	70	1	31	84	0.0	41	15	4
RA		16	2	94	87	58	1.577	2.20	2.366	43.4	24	70	2	56	166	4.8	74	27	8
RA		17	4	94	87	68	2.794	4.40	4.889	47.7	27	84	4	134	412	0.0	177	64	20
RA		18	3	94	87	63	1.869	3.30	3.738	42.3	26	85	3	98	318	2.0	130	47	15
RA		19	2	94	87	69	1.118	2.20	2.237	43.5	31	95	2	69	212	0.0	91	33	10
RA		20	2	94	87	45	1.009	2.20	1.514	27.1	30	77	1	46	116	0.0	61	22	6
RA		26	1	94	87	85	0.299	1.10	0.597	39.4	71	235	1	42	140	8.5	56	20	7
RA			**15**	**94**	**87**	**63**	**9.861**	**24.77**	**16.535**	**44.6**	**29**	**88**	**13**	**476**	**1,448**	**1.8**	**629**	**229**	**70**
BM		16	1	45	87	41	1.183	1.65	1.183	30.7	24	50	1	28	59	0.0	36	14	3
BM		17	1	45	87	40	1.048	1.65	1.048	28.3	26	50	1	27	52	0.0	35	13	3

Stand Summary Report

State, County: OR LINCOLN | Lths & Dias: ACI-2023 | Species WEST ORE | Page: 2/2

Project: LB | # Plots: 38 | Sort: WEST ORE | Date: 08/29/2025

Tract: CC | # Trees: 159 | Grade: WEST ORE | Cruised:

Stand: 0001 : 0002 | # Measured Trees: 110 | Price: ACI-2018 | Grown To:

Acres: 48.00 | # Count Trees: 49 | Cost: ACI-2023 | Edited:

											Net Per Log		Net Per Acre			BdFt	Total Net		
Spp	St	Dbh	Smpl Trees	Avg Age	Avg FF	Avg Total Ht	Trees /Ac	BA /Ac	Logs /Ac	Ht/D Inches	CuFt	BdFt	Tons	CuFt	BdFt	Def %	Tons	Ccf	Mbf
BM			**2**	**45**	**87**	**41**	**2.231**	**3.30**	**2.231**	**29.6**	**25**	**50**	**1**	**56**	**112**	**0.0**	**71**	**27**	**5**
DFW		71	1	94	83	188	0.044	1.21	0.176	31.8	438	2,475	2	77	436	2.5	106	37	21
DFW			**1**	**94**	**83**	**188**	**0.044**	**1.21**	**0.176**	**31.8**	**438**	**2475**	**2**	**77**	**436**	**2.5**	**106**	**37**	**21**
Stands/Project:			**110**	**54**	**87**	**97**	**99.939**	**225.32**	**211.867**	**61.5**	**44**	**178**	**264**	**9,280**	**37,695**	**3.0**	**12,667**	**4,454**	**1,809**

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

State, County: OR LINCOLN | Lths And Dias ACI-2023 | Species: WEST ORE | Page: 1/1

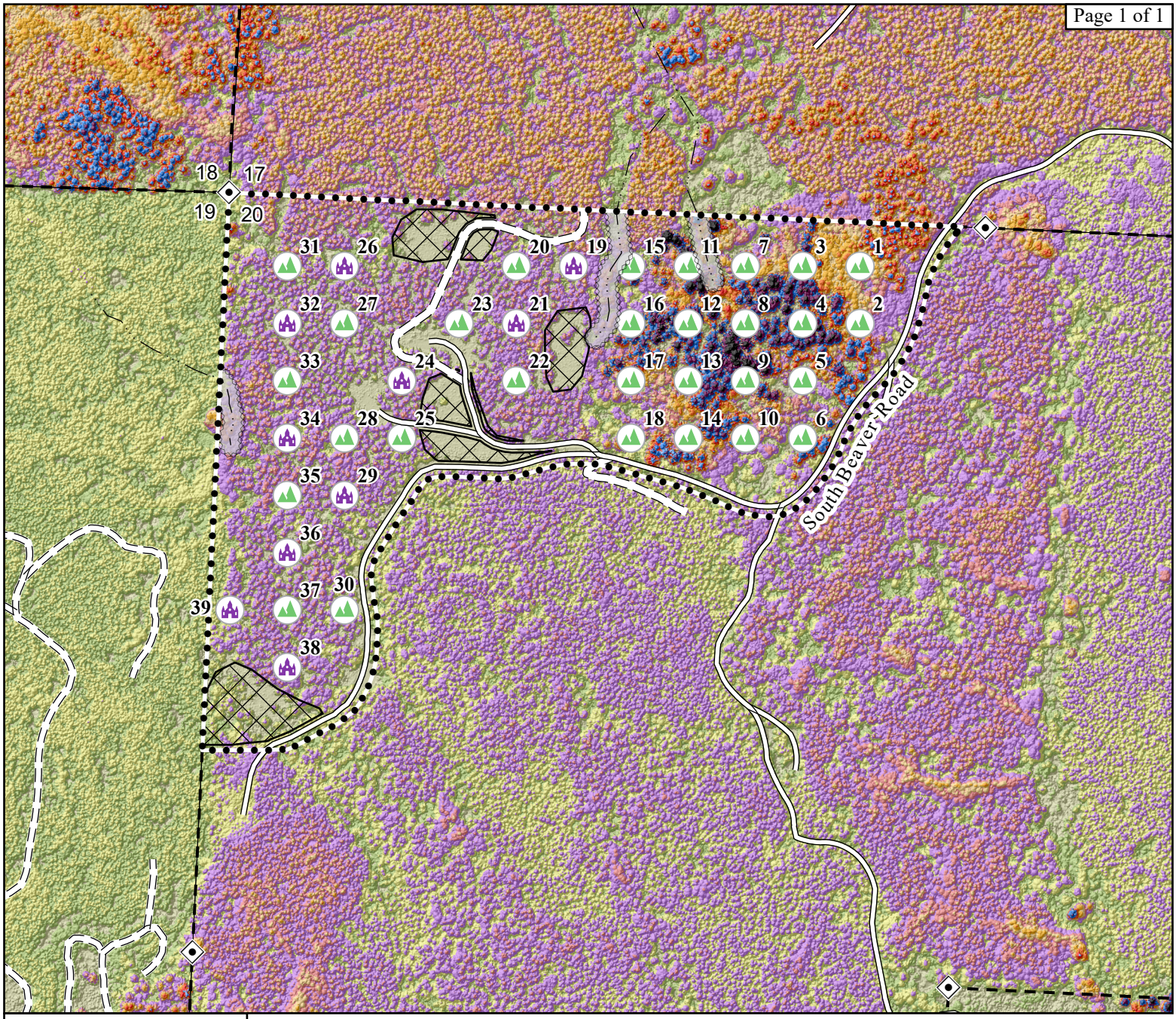
Project: LB | # Plots: 38 | Sort: WEST ORE | Date: 08/29/2025

Tract: CC | # Trees: 159 | Grade: WEST ORE | Cruised:

Stand: 0001 : 0002 | # Measured Trees: 110 | Price: ACI-2018 | Grown To:

Acres: 48.00 | # Count Trees: 49 | Cost: ACI-2023 | Edited:

Species	Status	Srt	Grd	Log Len Class	Gross Mbf	% Def	Net Mbf	% Spp	BdFt Per Acre	Net Mbf by Scaling Diameter in Inches							
										2-4	5-7	8-11	12-17	18-23	24-29	30-39	40-99
DF		DO	2M	12-15	1	.0	1	0.1	19					1			
DF		DO	2M	16-21	3	4.5	2	0.1	50				2				
DF		DO	2M	28-31	2	7.5	2	0.1	40				2				
DF		DO	2M	32-35	1	.0	1	0.1	25				1				
DF		DO	2M	36-39	47	4.5	45	2.6	937				45				
DF		DO	2M	40+	1,239	3.3	1,199	70.0	24,980				501	226	252	193	27
DF		DO	3M	12-15		.0		0.0	7								
DF		DO	3M	16-21	3	.0	3	0.2	65			3					
DF		DO	3M	24-27	1	.0	1	0.0	17			1					
DF		DO	3M	28-31	2	3.6	2	0.1	40			1	1				
DF		DO	3M	32-35	32	.0	32	1.8	659		8	24					
DF		DO	3M	36-39	54	.2	54	3.1	1,121		38	16					
DF		DO	3M	40+	304	2.9	295	17.2	6,139		27	268					
DF		DO	4M	12-15	11	.0	11	0.7	240		9	2					
DF		DO	4M	16-21	16	.0	16	1.0	343		16						
DF		DO	4M	24-27	11	.0	11	0.6	220		11						
DF		DO	4M	28-31	5	.0	5	0.3	98		5						
DF		DO	4M	32-35	18	9.4	16	1.0	341		16						
DF		DO	4M	36-39	10	.0	10	0.6	209		10						
DF		DO	4M	40+	7	.0	7	0.4	150		7						
DF			**Total**		**1,767**	**3.0**	**1,714**	**94.7**	**35,700**	**147**	**315**	**553**	**227**	**252**	**193**	**27**	
RA		DO	CR	16-21	8	.0	8	11.0	159		8						
RA		DO	CR	28-31	18	3.7	17	25.0	362		1	13	4				
RA		DO	CR	36-39	17	.0	17	24.3	351		2	10	5				
RA		DO	CR	40+	28	2.0	28	39.7	575		6	15	6				
RA			**Total**		**71**	**1.8**	**70**	**3.8**	**1,448**	**17**	**38**	**15**					
BM		DO	CR	28-31	5	.0	5	100.0	112		5						
BM			**Total**		**5**		**5**	**0.3**	**112**	**5**							
DFW		DO	2M	16-21	1	.0	1	4.7	21					1			
DFW		DO	2M	40+	20	2.6	20	95.3	415							3	17
DFW			**Total**		**21**	**2.5**	**21**	**1.2**	**436**					**1**		**3**	**17**
Stand(s)/Project Totals					**1,865**	**3.0**	**1,809**	**100.0**	**37,695**								
					Percent Meaured Tree Net Mbf =				**100.0**	169	353	567	228	252	196	44	



Legend

- Timber Sale Boundary
- Ownership
- No Harvest Area
- Stream Buffer
- Surfaced Road
- Unsurfaced Road
- Type N Stream
- Count
- Measure
- Land Survey Monument

LOGGING PLAN

OF TIMBER SALE CONTRACT NO. WO-341-2026-W01269-01
LONELY BEAVER
PORTIONS OF SECTION 20, T11S, R09W, W.M.,
LINCOLN COUNTY, OREGON

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey purposes. Variations may exist between and among data sets in use by the Department of Forestry. Users of this information should review or consult the primary data and information sources to ascertain the usability of this information.

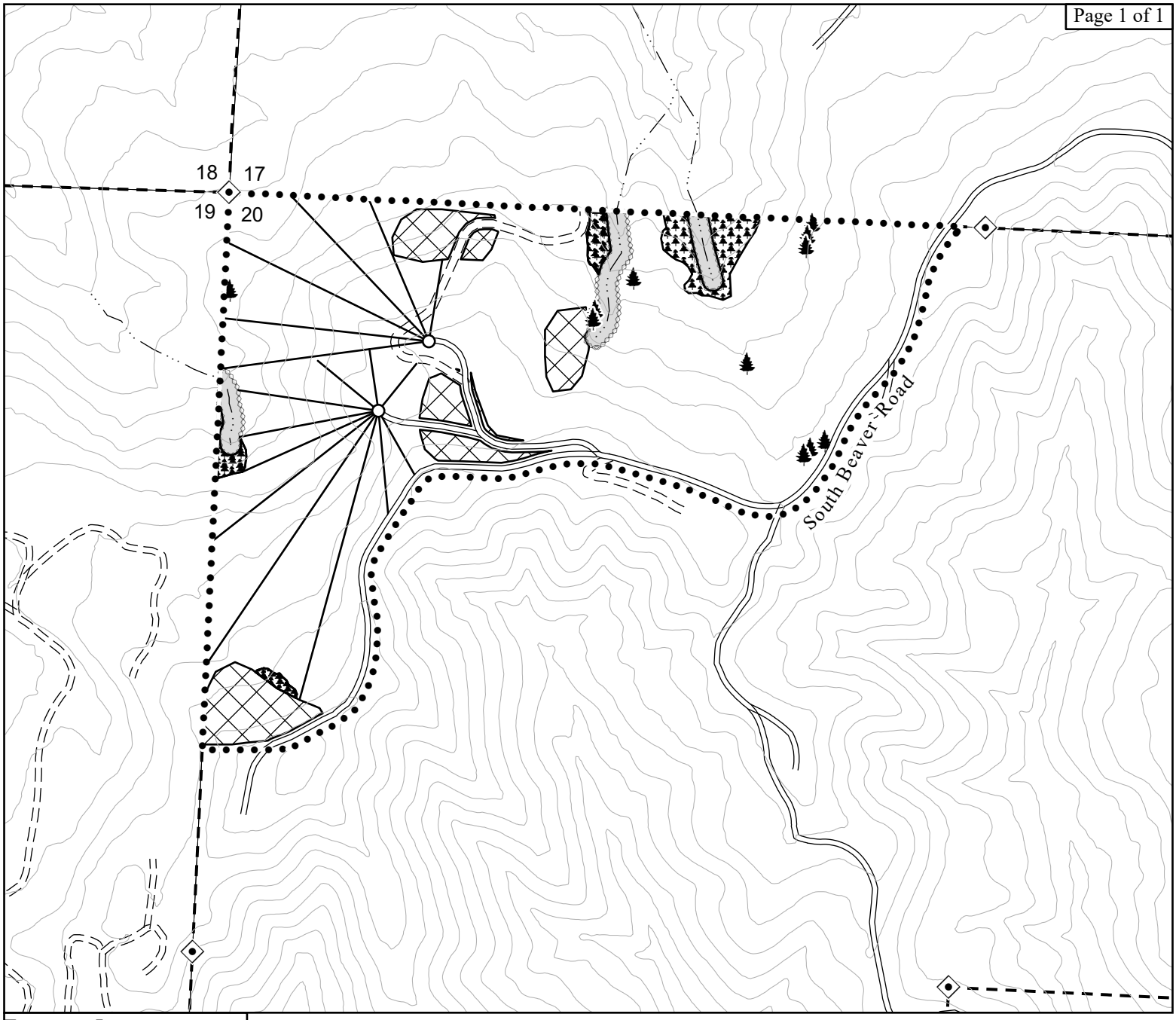
AREA	CABLE ACRES	TRACTOR ACRES
1	23	25
TOTAL	23	25

Scale
1:6,000

0 500 1,000 2,000 Feet

N

08/28/2025



Legend

- Timber Sale Boundary
- Ownership
- Green Tree Retention Area
- No Harvest Area
- Stream Buffer
- Surfaced Road
- Unsurfaced Road
- Cable Corridor
- Type N Stream
- Land Survey Monument
- Landing
- Upland Wildlife Tree

LOGGING PLAN

OF TIMBER SALE CONTRACT NO. WO-341-2026-W01269-01
LONELY BEAVER
PORTIONS OF SECTION 20, T11S, R09W, W.M.,
LINCOLN COUNTY, OREGON

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AREA	CABLE ACRES	TRACTOR ACRES
1	23	25
TOTAL	23	25

Scale

1:6,000

0 500 1,000 2,000 Feet

N

08/28/2025