Timber Sale Appraisal
All is Well Thin

Sale WO-341-2024-W00990-01

District: West Oregon **Date: June 16, 2023**

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	$363,587.50	$0.00	$363,587.50
		Project Work:	($67,945.00)
		Advertised Value:	$295,642.50

Timber Sale Appraisal
All is Well Thin
Sale WO-341-2024-W00990-01

District: West Oregon **Date: June 16, 2023**

Timber Description

Location: Portions of Section 1, T11S, R10W, W.M., Lincoln County, Oregon.

Stand Stocking: 40%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	12	0	97

Volume by Grade	3S & 4S 6"-11"	Total
Douglas - Fir	1,450	1,450
Total	1,450	1,450

Comments: Pond Values Used: Local Pond Values, April, 2023

Other Conifers Stumpage Price = Conifer Pulp price using a conversion factor of 10 ton/MBF: = $60.00/MBF

Western redcedar and Other Cedars Stumpage Price = Pond Value minus Logging Cost:
$545.75/MBF = $1200/MBF - ($504.25/MBF + $150/MBF(Extra Haul Cost))

Hardwoods Stumpage Price = Hardwood Pulp price using a conversion factor of 10 ton/MBF: = $60.00/MBF

PULP (Conifer and Hardwood Price) = $6/TON

Other Costs (with Profit & Risk to be added):
Intermediate Support/Tail Trees: 15 supports @ $100/support = $1,500
TOTAL Other Costs (with Profit & Risk to be added) = $1,500

Other Costs (No Profit & Risk added):
Equipment Cleaning (Invasive Species): $2,500
Water Bar and Block Dirt Roads: 35.0 Stations @ $15.96/Station = $559
Landing Slash Piling: 4 Landings @ $100/Landing = $400
Landing Slash Piling and sorting out firewood: 14 Landings @ $180/Landing = $2,520
TOTAL Other Costs (No Profit & Risk added) = $5,979

ROAD MAINTENANCE
Move-in: (Grader) $875
Final Road Maintenance: $9,432.39
TOTAL Road Maintenance: $10,307.39/1,450MBF = $7.11/MBF

Timber Sale Appraisal
All is Well Thin

Sale WO-341-2024-W00990-01

District: West Oregon **Date: June 16, 2023**

Logging Conditions

Combination#: 1 Douglas - Fir 69.86%

Logging System: Cable: Medium Tower >40 - <70 **Process:** Manual Falling/Delimbing

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

tree size: Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF

loads / day: 7 **bd. ft / load:** 3700

cost / mbf: $308.03

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

Combination#: 2 Douglas - Fir 30.14%

Logging System: Track Skidder **Process:** Feller Buncher

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

tree size: Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF

loads / day: 14 **bd. ft / load:** 3700

cost / mbf: $193.06

machines: Log Loader (B)
Stroke Delimber (B)
Feller Buncher w/ Delimber
Track Skidder

Timber Sale Appraisal
All is Well Thin

Sale WO-341-2024-W00990-01

District: West Oregon **Date: June 16, 2023**

Logging Costs

Operating Seasons:	2.00	**Profit Risk:**	10%
Project Costs:	$67,945.00	**Other Costs (P/R):**	$1,500.00
Slash Disposal:	$0.00	**Other Costs:**	$5,979.00

Miles of Road

Road Maintenance: $7.11

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	3.9

Timber Sale Appraisal
All is Well Thin

Sale WO-341-2024-W00990-01

District: West Oregon **Date: June 16, 2023**

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
$273.38	$7.32	$6.05	$165.07	$1.03	$45.28	$0.00	$2.00	$4.12	$504.25

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	$0.00	$755.00	$250.75	$0.00

Timber Sale Appraisal
All is Well Thin

Sale WO-341-2024-W00990-01

District: West Oregon **Date: June 16, 2023**

Summary

Amortized

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

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	1,450	$250.75	$363,587.50

Gross Timber Sale Value

Recovery: $363,587.50

Prepared By: Aaron McEwen **Phone:** 541-929-9168

SUMMARY OF ALL PROJECT COSTS

SALE NAME: All is Well Thin

Date: June 2023
Time: 9:08

Project #1 - Road Construction

Road Segment	Length	Cost
A to B	9.5 sta	$3,414
C to D	3.3 sta	$1,322
E to F	2.5 sta	$1,436
10% Fuel Increase		$617
TOTALS	15.3 sta	$6,789

Project #2 - Improvements

Road Segment	Length	Cost
1 to 2	142.0 sta	$18,492
3 to 4	30.7 sta	$14,506
5 to 6	2.2 sta	$144
7 to 8	1.6 sta	$256
9 to 10	0.6 sta	$1,735
11 to 12	38.3 sta	$6,206
13 to 14	3.1 sta	$370
15 to C	3.1 sta	$322
16 to 17	3.4 sta	$384
18 to 19	5.3 sta	$938
20 to 21	3.2 sta	$309
22 to 23	1.0 sta	$165
10% Fuel Increase		$4,383
TOTALS	234.5 sta	$48,210

Project #3 - Brushing	Length	Cost
Brushing	3.75 mi	$3,867
Sod and Brush Removal	3.75 mi	$3,049
10% Fuel Increase		$692
TOTAL		$7,608

Project #4 - Move in	Cost
Excavator, C325 or equiv.	$1,450
Dozer, D-6 or equiv.	$875
Grader, Cat 14-G or equiv.	$875
Vibratory roller	$875
Road Brusher	$778
10% Fuel Increase	$485
TOTAL	$5,338

GRAND TOTAL **$67,945**

Compiled by: Jacob Bergstrom

Date 06/30/2023

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin		Project #	1	LENGTH	const			9.5 sta
ROAD	A to B (unsurfaced)								

CLEARING AND GRUBBING

Road	0.65	acres		@	$1,337.00	/acre	=	$869
							TOTAL CLEARING AND GRUBBING =	$869

EXCAVATION

Waste Area Creation (W1) (w/ D6) (Near Pt. A)	0.5	hrs		@	$128.00	/hr	=	$64
Construct road (w/D6)	9.5	sta		@	$138.00	/sta	=	$1,311
Construct Landing	1	Ldg		@	$438.00	/Ldg	=	$438
Construct Turnaround (Sta. 8+00)	1	TA		@	$50.00	/TA	=	$50
Shape subgrade (with road grader)	9.5	sta		@	$20.63	/sta	=	$196
Compact subgrade (with vibratory roller)	9.5	sta		@	$16.00	/sta	=	$152
							TOTAL EXCAVATION =	$2,211

SURFACING

			Size		Rate			
Transition rock (Sta. 0+00 to 0+50)	10	CY	Jaw-Run	@	$31.60	/CY	=	$316
Shape surface (w/ grader) (Sta. 0+00 to 0+50)	0.5	sta		@	$20.63	/sta	=	$10
Compact surface (w/ roller) (Sta. 0+00 to 0+50)	0.5	sta		@	$16.00	/sta	=	$8
							TOTAL ROCK COST =	$334

Compiled by: Jacob Bergstrom

Date: Jun 30, 2023

GRAND TOTAL =====> **$3,414**

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin		Project #	1	LENGTH	const			3.3 sta
ROAD	C to D	(unsurfaced)							

CLEARING AND GRUBBING

Road	0.23	acres	@	$1,337.00	/acre	=	$308	
						TOTAL CLEARING AND GRUBBING =		$308

EXCAVATION

Construct road (w/D6)	3.3	sta	@	$138.00	/sta	=	$455	
Construct Landing	1	Ldg	@	$438.00	/Ldg	=	$438	
Shape subgrade (with road grader)	3.3	sta	@	$20.63	/sta	=	$68	
Compact subgrade (with vibratory roller)	3.3	sta	@	$16.00	/sta	=	$53	
						TOTAL EXCAVATION =		$1,014

Compiled by:	Jacob Bergstrom		
Date:	Jun 30, 2023	**GRAND TOTAL =====>**	**$1,322**

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin		Project #	1	LENGTH	const			2.5 sta
ROAD	E to F	(unsurfaced)							

CLEARING AND GRUBBING

Road	0.17	acres		@	$1,337.00	/acre	=	$227
					TOTAL CLEARING AND GRUBBING =			$227

EXCAVATION

Construct road	2.5	sta		@	$138.00	/sta	=	$345
Construct Landing	1	Ldg		@	$438.00	/Ldg	=	$438
Shape subgrade (with road grader)	2.5	sta		@	$20.63	/sta	=	$52
Compact subgrade (with vibratory roller)	2.5	sta		@	$16.00	/sta	=	$40
							TOTAL EXCAVATION =	$875

SURFACING			Size		Rate			
Transition rock (Sta. 0+00 to 0+50)	10	CY	Jaw-Run	@	$31.60	/CY	=	$316
Shape surface (w/ grader) (Sta. 0+00 to 0+50)	0.5	sta		@	$20.63	/sta	=	$10
Compact surface (w/ roller) (Sta. 0+00 to 0+50)	0.5	sta		@	$16.00	/sta	=	$8
							TOTAL ROCK COST =	$334

Compiled by:	Jacob Bergstrom		
Date:	Jun 30, 2023	**GRAND TOTAL =====>**	**$1,436**

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin			Project #	2	LENGTH	improve		142.0 sta
ROAD	1 to 2								
EXCAVATION									
Construct Landing	3	Ldg		@	$438.00	/Ldg	=	$1,314	
(Sta. 94+80, Sta. 125+00 &									
Sta. 136+50)									
Remove Slough (w/C325)	1.5	hrs		@	$145.00	/hr	=	$218	
(Sta. 71+60 to 73+60 & 121+05)									
End Hual	60	CY		@	$4.50	/CY	=	$270	
Compact Waste Material	60	CY		@	$0.80	/CY	=	$48	
						TOTAL EXCAVATION =			$1,850
IMPROVEMENT									
Re-open Landing (w/ D6)	0.5	hrs		@	$128.00	/hr	=	$64	
(Pt. 2)									
Shape road surface	33.5	sta		@	$20.63	/sta	=	$691	
(with road grader)									
Compact road surface	33.5	sta		@	$16.00	/sta	=	$536	
(with vibratory roller)									
Daylight cutting	2	hrs		@	$45.00	/hr	=	$90	
Daylight road cleanup	2	hrs		@	$145.00	/hr	=	$290	
						TOTAL IMPROVEMENT =			$1,671
SURFACING			Size		Cost/yd				
Spot rock	260	CY	1½"-0"	@	$33.97	/CY	=	$8,832	
(Sta. 21+80 to Pt. 2)									
Patch rock	30	CY	3"-0"	@	$32.62	/CY	=	$979	
(Sta. 21+80 & Sta. 64+00)									
Base rock	10	CY	Jaw-Run	@	$31.60	/CY	=	$316	
(Sta. 51+70)	0								
Culvert bedding rock	20	CY	1½"-0"	@	$33.97	/CY	=	$679	
(Sta. 104+00)									
Landing rock	80	CY	Jaw-Run	@	$31.60	/CY	=	$2,528	
(Sta. 94+80, Sta. 125+00,									
Sta. 136+50 & Pt. 2)									
						TOTAL ROCK COST =			$13,334
SPECIAL PROJECTS									
Excavate culvert	1.5	hrs		@	$145.00	/hr	=	$218	
(Sta. 104+00)									
24"x30' cpp (Sta. 104+00)	30	ft		@	$21.45	/ft	=	$644	
Culvert installation	3	hrs		@	$145.00	/hr	=	$435	
Bedding Compaction	2	hrs		@	$45.00	/hr	=	$90	
Culvert disposal	1	culvert		@	$100.00	ea	=	$100	
Repair ditchouts	4	ditchouts		@	$25.00	ea	=	$100	
(Sta. 21+80 to 51+70)									
Construct ditchout	1	ditchout		@	$25.00	ea	=	$25	
(Sta. 21+80 to 51+70)									
Culvert Clean Out	1	culvert		@	$25.00	ea	=	$25	
(51+70)									
						TOTAL SPECIAL PROJECTS COST =			$1,637

Compiled by: Jacob Bergstrom

Date: Jun 30, 2023

GRAND TOTAL =====> $18,492

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin		Project #	2	LENGTH	improve		30.7 sta
ROAD	3 to 4							

EXCAVATION								
Construct Landing (Sta. 17+05, Sta. 21+40 & Sta. 28+00)	3	Ldg	@	$438.00	/ldg	=	$1,314	
Curve Widening (C325) (Pt. 3 & 18+60)	1	hrs	@	$145.00	/hr	=	$145	
End Haul	20	CY	@	$2.50	/CY	=	$50	
Compact Waste Material	20	CY	@	$0.80	/CY	=	$16	
						TOTAL EXCAVATION =		$1,525
IMPROVEMENT								
Re-open Landing (w/ dozer) (Sta. 25+30 & Pt.4)	1	hrs	@	$128.00	/hr	=	$128	
Shape road surface (with road grader)	33.7	sta	@	$20.63	/sta	=	$695	
Compact road surface (with vibratory roller)	33.7	sta	@	$16.00	/sta	=	$539	
Daylight cutting	1	hrs	@	$45.00	/hr	=	$45	
Daylight road cleanup	1	hrs	@	$145.00	/hr	=	$145	
						TOTAL IMPROVEMENT =		$1,552

SURFACING			Size		Cost/yd			
2" Lift (Pt. 3 to Sta. 3+00)	40	CY	1½"-0"	@	$33.97	/CY	=	$1,359
Spot rock	70	CY	1½"-0"	@	$33.97	/CY	=	$2,378
Curve Widening rock (Pt.3)	20	CY	3"-0"	@	$32.62	/CY	=	$652
Patch rock (Sta. 17+65 & Sta. 19+50)	40	0	3"-0"	@	$32.62	/CY	=	$1,305
Traction rock (Sta. 21+40 to 23+40)	20	CY	¾”-0”	@	$33.97	/CY	=	$679
Landing rock (Sta. 17+05, Sta. 21+40, Sta. 25+30, Sta. 28+00, Pt.4)	160	CY	Jaw-Run	@	$31.60	/CY	=	$5,056
							TOTAL ROCK COST =	$11,429

Compiled by:	Jacob Bergstrom		
Date:	Jun 30, 2023	**GRAND TOTAL =====>**	**$14,506**

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin	Project #	2	LENGTH	improve	2.2 sta
ROAD	5 to 6					

IMPROVEMENT

Re-open Landing (w/ dozer) (Pt.6)	0.5 hrs	@	$128.00	/hr	=	$64	
Shape road surface (with road grader)	2.2 sta	@	$20.63	/sta	=	$45	
Compact road surface (with vibratory roller)	2.2 sta	@	$16.00	/sta	=	$35	
					TOTAL IMPROVEMENT =		$144

Compiled by: Jacob Bergstrom

Date: Jun 30, 2023

GRAND TOTAL =====> **$144**

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin	Project #	2	LENGTH improve	1.6 sta
ROAD	7 to 8				

IMPROVEMENT

Re-open road (w/ dozer)	1.0	hrs	@	$128.00	/hr	=	$128
Re-open Landing (w/ dozer) (Pt. 8)	0.5	hrs	@	$138.00	/hr	=	$69
Shape road surface	1.6	sta	@	$20.63	/sta	=	$33
Compact road surface (with vibratory roller)	1.6	sta	@	$16.00	/sta	=	$26

TOTAL IMPROVEMENT = $256

Compiled by: Jacob Bergstrom

Date: Jun 30, 2023

GRAND TOTAL =====> $256

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin			Project #	2	LENGTH	improve		0.6 sta
ROAD	9 to 10								

IMPROVEMENT

Re-open road (w/ D6)	0.5	hrs	@	$128.00	/hr	=	$64	
Re-open Landing (w/ D6) (Pt. 10)	0.5	hrs	@	$138.00	/hr	=	$69	
Shape road surface	0.6	sta	@	$20.63	/sta	=	$12	
Compact road surface (w/ roller)	0.6	sta	@	$16.00	/sta	=	$10	
						TOTAL IMPROVEMENT =		$155

SURFACING			Size		Cost/yd				
Base Rock	20	CY	Jaw-Run	@	$31.60	/CY	=	$632	
Landing rock	30	CY	Jaw-Run	@	$31.60	/CY	=	$948	
							TOTAL ROCK COST =		$1,580

Compiled by: Jacob Bergstrom

Date: Jun 30, 2023

GRAND TOTAL =====> **$1,735**

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin			Project #	2	LENGTH	improve		38.3 sta
ROAD	11 to 12								
EXCAVATION									
Remove Slough (w/ C325) (Sta. 24+45 to 26+45)	0.5	hrs		@	$145.00		=	$73	
End Haul	30	CY		@	$2.50		=	$75	
Compact Waste Material	30	CY		@	$0.80		=	$24	
							TOTAL EXCAVATION =		$172
IMPROVEMENT									
Reopen Landing (w/ grader) (Sta. 28+50, Sta. 33+30, Sta.	1.5	hrs		@	$114.00	/hr	=	$171	
Shape road surface (w/ grader)	38.3	sta		@	$20.63	/sta	=	$790	
Compact road surface (with/ roller)	38.3	sta		@	$16.00	/sta	=	$613	
Daylight cutting	1	hrs		@	$45.00	/hr	=	$45	
Daylight road cleanup	1	hrs		@	$145.00	/hr	=	$145	
							TOTAL IMPROVEMENT =		$1,764
SURFACING			Size		Cost/yd				
Landing rock (Sta. 28+50, Sta. 33+30 &	50	CY	Jaw-Run	@	$31.60	/CY	=	$1,580	
Landing rock (Sta. 37+70)	20	CY	3"-0"	@	$32.62	/CY	=	$652	
Spot rock	60	CY	1½"-0"	@	$33.97	/CY	=	$2,038	
							TOTAL ROCK COST =		$4,270

Compiled by: Jacob Bergstrom

Date: Jun 30, 2023

GRAND TOTAL =====> $ 6,206

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin	Project #	2	LENGTH improve	3.1 sta
ROAD	13 to 14				

IMPROVEMENT

Re-open road (w/ D6)	1.5 hrs	@	$128.00	/hr	=	$192
Re-open Landing (w/ D6) (Pt. 14)	0.5 hrs	@	$128.00	/hr	=	$64
Shape road surface	3.1 sta	@	$20.63	/sta	=	$64
Compact road surface (with vibratory roller)	3.1 sta	@	$16.00	/sta	=	$50

TOTAL IMPROVEMENT = $370

Compiled by: Jacob Bergstrom

Date: Jun 30, 2023

GRAND TOTAL =====> $370

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin	Project #	2	LENGTH improve	3.1 sta
ROAD	15 to C				

IMPROVEMENT

Daylight cutting	0.5	hrs	@	$45.00	/hr	=	$23
Daylight road cleanup	0.5	hrs	@	$145.00	/hr	=	$73
Re-open Landing (w/ D6) (Pt. C)	0.5	hrs	@	$128.00	/hr	=	$64
Shape road surface (with road grader)	3.1	sta	@	$20.63	/sta	=	$64
Compact road surface (with vibratory roller)	3.1	sta	@	$16.00	/sta	=	$50
Sod Removal	3.1	sta	@	$15.40	/sta	=	$48

TOTAL IMPROVEMENT = $322

Compiled by: Jacob Bergstrom

Date: Jun 30, 2023

GRAND TOTAL =====> $322

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin		Project #	2		LENGTH	improve		3.4 sta
ROAD	16 to 17								

EXCAVATION

Construct Turnaround (Sta. 2+75)	1	TA	@	$ 50.00	/TA	=	$50	
Shape Subgrade	0.5	sta	@	$ 20.63	/sta	=	$10	
Compact Subgrade	0.5	sta	@	$ 16.00	/sta	=	$8	
						TOTAL EXCAVATION =		$68

IMPROVEMENT

Re-open road (w/ D6)	1.0	hrs	@	$128.00	/hr	=	$128	
Re-open Landing (w/ D6) (Pt. 17)	0.5	hrs	@	$128.00	/hr	=	$64	
Shape road surface (with road grader)	3.4	sta	@	$20.63	/sta	=	$70	
Compact road surface (with vibratory roller)	3.4	sta	@	$16.00	/sta	=	$54	
						TOTAL IMPROVEMENT =		$316

Compiled by: Jacob Bergstrom
Date: Jun 30, 2023

GRAND TOTAL =====> $384

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin		Project #	2		LENGTH	improve		5.3 sta
ROAD	18 to 19								

EXCAVATION

Waste Area Creation (W2) (w/ D6) (Near Pt. 18)	0.5	hrs	@	$128.00	/hr	=	$64	
Construct Landing (w/ D6) (Sta. 2+45)	1	Ldg	@	$438.00	/ldg	=	$438	
Road Realignment (w/ grader) (Pt. 18 to Sta. 2+45)	1	hrs	@	$114.00	/hr	=	$114	
						TOTAL EXCAVATION =		$616

IMPROVEMENT

Re-open road and Landing (w/ D6) (Pt. 19)	1	hrs	@	$128.00	/hr	=	$128	
Shape road surface (with road grader)	5.3	sta	@	$20.63	/sta	=	$109	
Compact road surface (with vibratory roller)	5.3	sta	@	$16.00	/sta	=	$85	
						TOTAL IMPROVEMENT =		$322

Compiled by:	Jacob Bergstrom		
Date:	Jun 30, 2023	**GRAND TOTAL =====>**	**$938**

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin	Project #	2	LENGTH	improve	3.2 sta
ROAD	20 to 21					

IMPROVEMENT

Re-open road (w/ D6)	1.0 hrs	@	$128.00	/hr	=	$128
Re-open Landing (w/ D6) (Pt. 21)	0.5 hrs	@	$128.00	/hr	=	$64
Shape road surface	3.2 sta	@	$20.63	/sta	=	$66
Compact road surface (with vibratory roller)	3.2 sta	@	$16.00	/sta	=	$51

TOTAL IMPROVEMENT = $309

Compiled by: Jacob Bergstrom
Date: Jun 30, 2023

GRAND TOTAL =====> $309

SUMMARY OF CONSTRUCTION COST

SALE	All is Well Thin	Project #	2	LENGTH	improve	1.0 sta
ROAD	22 to 23					

IMPROVEMENT

Re-open road (w/ D6)	0.5 hrs	@	$128.00	/hr	=	$64
Re-open Landing (w/ D6) (Pt. 23)	0.5 hrs	@	$128.00	/hr	=	$64
Shape road surface	1.0 sta	@	$20.63	/sta	=	$21
Compact road surface (with vibratory roller)	1.0 sta	@	$16.00	/sta	=	$16

TOTAL IMPROVEMENT = $165

Compiled by: Jacob Bergstrom

Date: Jun 30, 2023

GRAND TOTAL =====> $165

SUMMARY OF BRUSHING COST

SALE	All is Well Thin	Project #	3	LENGTH	maintain	3.75	Miles
ROAD	All	(Surfaced/unsurfaced)					

LIGHT BRUSHING				Rate			
Pt. 5 to Pt. 6	0.04	mi	@	$800.00	/mi	=	$32
Pt. 7 to Pt. 8	0.03	mi	@	$800.00	/mi	=	$24
Pt. 11 to Pt. 12	0.73	mi	@	$800.00	/mi	=	$584
Pt. 13 to Pt. 14	0.06	mi	@	$800.00	/mi	=	$48
TOTAL LENGTH =	0.86	mi		TOTAL LIGHT BRUSHING COST =			$688

MEDIUM BRUSHING				Rate			
Pt. 1 to Pt. 2 (Sta. 21+80 to 142+00)	2.00	mi	@	$1,100.00	/mi	=	$2,200
Pt. 3 to Pt. 4	0.58	mi	@	$1,100.00	/mi	=	$638
Pt. 9 to Pt. 10	0.01	mi	@	$1,100.00	/mi	=	$11
Pt. 15 to Pt. C	0.06	mi	@	$1,100.00	/mi	=	$66
Pt. 16 to Pt. 17	0.06	mi	@	$1,100.00	/mi	=	$66
Pt. 18 to Pt. 19	0.10	mi	@	$1,100.00	/mi	=	$110
Pt. 20 to Pt. 21	0.06	mi	@	$1,100.00	/mi	=	$66
Pt. 22 to Pt. 23	0.02	mi	@	$1,100.00	/mi	=	$22
TOTAL LENGTH =	2.89	mi		TOTAL MEDIUM BRUSHING COST =			$3,179

BRUSHING GRAND TOTAL =====> $3,867

SOD AND DEBRIS REMOVAL				Rate			
All brushing segments	3.75	mi	@	$813.12	/mi	=	$3,049
TOTAL LENGTH =	3.75	mi		**TOTAL SOD AND DEBRIS REMOVAL =====>**			**$3,049**

Compiled by: Jacob Bergstrom
Date: May 10, 2023

SUMMARY OF MAINTENANCE COST

SALE All is Well Thin

Final log haul Maintenance Cost Estimate

(Costed in appraisal, not in project costs)

Move-in Grader $ 875

Road Segment	Length	Cost/Sta	Cost	Mileage
1 to 2	142.0	$20.63	$2,929.46	2.69
3 to 4	30.7	$20.63	$633.34	0.58
11 to 12	38.3	$20.63	$790.13	0.73
20 to 21	3.2	$20.63	$66.02	0.06
Total	214.2		$4,418.95	4.06

Maintenance Rock:

	Volume	Cost/CY	Cost
1½"-0"	120	$33.97	$4,076.40
Fuel Cost Increase			$937.04
Grand Total			**$10,307.39**

TS Volume 1,450 MBF

Cost / MBF = $7.11

Rock Haul Cost Computation

SALE NAME: All is Well Thin
ROAD NAME: Devils Well Rd.
ROCK SOURCE Rickard
Route: Hwy 20

DATE: Jun 30, 2023
CLASS: Medium
10 CY truck

TIME Computation:
Road speed time factors:

1.	55 MPH	51.6	MRT	56.3	minutes
2.	50 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	8.8	MRT	21.1	minutes
8.	20 MPH		MRT	0.0	minutes
9.	15 MPH	4.0	MRT	16.0	minutes
10.	10 MPH	2.0	MRT	12.0	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)		105.90	minutes
Operator efficiency correction	0.85	124.59	minutes
Job efficiency correction	0.90	138.43	minutes
Truck capacity (CY)	10.00	13.84	min/CY
Loading time, delay time per CY		0.25	min/CY
TIME (minutes) per cubic yard		14.09	min/CY
	0.00		
COST per CY computation			
Cost of truck and operator per hour		$90.00	/hr.
Cost of truck and operator per minute		$1.50	/min
Cost per CY		$21.14	/CY
Spread and compact	Water truck, Grader & Roller	$1.50	/CY

Size	**Cost/Yd (Pit)**	**Cost Delivered w/o processing**	**Cost Delivered with processing**
¾" - 0"	$ 12.83	$33.97	$35.47
1½" - 0"	$ 12.83	$33.97	$35.47
3" - 0"	$ 11.48	$32.62	$34.12
Jaw-Run	$ 10.46	$31.60	$33.10
Pit-Run	$ 8.78	$29.92	$31.42

TIMBER CRUISE REPORT

All is Well Thin
(WO-341-2024-W00990-01)
FY 2023

1. **Sale Area Location:** Portions of Section 1, T11S, R10W, W.M., Lincoln County, Oregon.

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

3. **Sale Acreage by Area:**

Unit	Treatment	Gross Acres	Stream Buffers	Existing Roads	Non-Thinnable Acres	Net Sale Acres	Acreage Comp. Method
1	Partial Cut	135	15	5	1	114	GIS
2	Partial Cut	118	11	4	1	102	GIS
Total		253	26	9	2	216	

4. **Cruisers and Cruise Dates:** This sale was cruised by Jacob Bergstrom, Zane Sandborg, Olivia Jones, Jeff Kuust, Aaron McEwen, and Cody Valencia in March and April of 2023.

   Cruise Method and Computation: The sale consists of two Partial Cut units that were cruised using variable radius plot sampling. The Timber Sale Area was cruised using a basal area factor of 20. Plots were spaced on a 6x6 chain grid for all Units. On Unit 1, a total of 35 plots were taken: 18 measure plots and 17 count plots. On Unit 2, a total of 25 plots were taken: 14 measure plots and 11 count plots.

   Measure plots were measured for DBH, height, form factor, grade, and defect. Data was entered into the Atterbury Super ACE cruise program to determine stand statistics and net board foot volume. Volume was removed to account for hidden defect and breakage. Volume was added to account for tree removal in Cable Corridors.

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

5. **Measurement Standards:** Tree heights were measured to the nearest foot, to a top diameter of 6 inches inside bark or to 40% of form factor. 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.

6. **Timber Description:** Timber is primarily 32-33 year-old Douglas-fir for Unit 1 and 36 year-old Douglas-fir for Unit 2. All Units possess small amounts of red alder, Western red cedar, and Western hemlock. For Unit 1 the average Douglas-fir to be removed is approximately 11 inches DBH, with an average height of 41 feet to a merchantable top. For Unit 2, the average Douglas-fir to be removed is approximately 13 inches DBH, with an average height of 48 feet to a merchantable top. The average net volume per acre to be harvested is approximately 7.8 MBF for Unit 1 and 8.6 MBF for Unit 2. Conifer trees other than Douglas-fir are reserved from cutting, unless present in yarding corridors, Landings or between R/W tags.

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

Unit	Target CV	Target SE	Actual CV	Actual SE
1	40%	13%	23.8%	4.0%
2	40%	13%	20.5%	4.2%

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

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

Unit	Species	Gross Cruise Volume (MBF)	Cruised D&B	Cruised D&B (MBF)	Corridor Removal Acres	Corridor Removal Volume (MBF)	R/W Removal Volume (MBF)	Hidden D&B	Hidden D&B (MBF)	Net Sale Volume
1	Douglas-fir	735	7.9%	(58)	10	70	12	2%	(14)	745
2	Douglas-fir	645	2.7%	(17)	10	84	6	2%	(13)	705
Total		**1,380**	**5.4%**	**(75)**	**20**	**154**	**18**	**2%**	**(27)**	**1,450**

Unit	Species	Avg. DBH	Tot. Net Vol.	3-Saw	4-Saw
1	Douglas-fir	11	Grade%	53%	47%
			745	395	350
2	Douglas-fir	13	Grade%	79%	21%
			705	557	148
Total	**Total**		1,450	952	498

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

Prepared by: Jacob Bergstrom Date: 06/16/2023

Unit Forester: _____ Date: _____
Cody Valencia

Revised Feb, 2023

CRUISE DESIGN
WEST OREGON DISTRICT

Sale Name: ____All is Well Thin_____ **Unit 1**

Harvest Type: PC
Approx. Cruise Acres: _115_ ___ **Estimated CV%** _40_ Net BF /Acre **SE% Objective** _13__ Net BF /Acre

Planned Sale Volume:___1.498 MMBF **Estimated Sale Area Value/Acre:** $ 1,750____

A. Cruise Goals: (a) Grade minimum__48__ conifer and __0____ hardwood trees: (b) Sample _36__ cruise plots (18 grade: 18 count); (c) Other goals _X_ Determine log grades for sale value; _X_ 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 _20__ Full point
   Cruise Line Direction ___90/270___
   Cruise Line Spacing _____6.0/396_____ (chains) (feet)
   Cruise Plot Spacing ____6.0/396____ (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 _6.5"_, _8"_ for hardwoods or _40__% of dob at 16' form point. Generally, use 7" 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. 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 or Lazer, Logger’s Tape (with dbh on back), Biltmore Stick, Compass, Cruise Cards or Data Recorder, Cruise Design, Cruise Map, 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: _Jacob Bergstrom____
Approved by: _____
Date: _____02/14/2023_____

Revised Feb, 2023

CRUISE DESIGN
WEST OREGON DISTRICT

Sale Name: **All is Well Thin** **Unit 2**

Harvest Type: PC
Approx. Cruise Acres: 101 **Estimated CV%** 40 Net BF /Acre **SE% Objective** 13 Net BF /Acre

Planned Sale Volume: 1.498 MMBF **Estimated Sale Area Value/Acre:** $ 1,750

A. Cruise Goals: (a) Grade minimum 48 conifer and 0 hardwood trees: (b) Sample 25 cruise plots (13 grade: 12 count); (c) Other goals X Determine log grades for sale value; X 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 20 Full point
   Cruise Line Direction 90/270
   Cruise Line Spacing 6.0/396 (chains) (feet)
   Cruise Plot Spacing 6.0/396 (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 6.5", 8" for hardwoods or 40 % of dob at 16' form point. Generally, use 7" 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. 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 or Lazer, Logger’s Tape (with dbh on back), Biltmore Stick, Compass, Cruise Cards or Data Recorder, Cruise Design, Cruise Map, 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: _Jacob Bergstrom____
Approved by: _____
Date: _____02/14/2023_____

T PLOGSTVB

Log Stock Table - MBF

T11S R10W S01 Ty00P 114.00

Project: AIW
Acres 114.00

Page 1
Date 6/16/2023
Time 8:11:46AM

Spp	ST	So Grt 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 24-2	30-3 40+
DF	L	DO 3M	28	10	10.0	9	.6				9				
DF	L	DO 3M	30	40	6.6	38	2.4		19	8	10				
DF	L	DO 3M	32	65	9.4	58	3.7		33	15	10				
DF	L	DO 3M	34	23		23	1.4		12	11					
DF	L	DO 3M	36	127	3.5	122	7.7		15	84	23				
DF	L	DO 3M	38	206	1.9	203	12.7		10	177	15				
DF	L	DO 3M	40	758	4.0	728	45.7		38	517	161	12			
DF	L	DO 4M	12	18		18	1.1		16	2					
DF	L	DO 4M	14	8	25.0	6	.4		2	4					
DF	L	DO 4M	16	76	1.4	75	4.7		75						
DF	L	DO 4M	18	29		29	1.8		29						
DF	L	DO 4M	20	46		46	2.9		46						
DF	L	DO 4M	24	70		70	4.4		64	6					
DF	L	DO 4M	26	22		22	1.4		12	10					
DF	L	DO 4M	28	34		34	2.2		34						
DF	L	DO 4M	30	24	13.7	20	1.3		20						
DF	L	DO 4M	32	18	20.0	14	.9		14						
DF	L	DO 4M	34	12		12	.7		12						
DF	L	DO 4M	36	10		10	.6		10						
DF	L	DO 4M	38	13	14.3	12	.7		12						
DF	L	DO 4M	40	42		42	2.7		42						
DF		Totals		1,651	3.6	1,591	66.9		515	835	229	12			
DF	T	DO 3M	30	29	2.5	28	4.1		11	8	8				
DF	T	DO 3M	32	98	10.7	87	12.9		32	46	9				
DF	T	DO 3M	34	55	5.5	52	7.7		11	41					
DF	T	DO 3M	36	67	7.6	62	9.1		62						
DF	T	DO 3M	38	51	5.7	48	7.1		39	9					
DF	T	DO 3M	40	88	3.3	85	12.6		64	21					
DF	T	DO 4M	12	13	14.0	12	1.7		10	2					
DF	T	DO 4M	14	11		11	1.6		11						
DF	T	DO 4M	16	98		98	14.5		98						
DF	T	DO 4M	18	14		14	2.0		14						
DF	T	DO 4M	20	20		20	3.0		13	8					
DF	T	DO 4M	24	12		12	1.8		12						
DF	T	DO 4M	26	44	12.1	39	5.8		18	21					
DF	T	DO 4M	28	24	17.1	20	3.0		20						
DF	T	DO 4M	30	39	19.1	31	4.6		31						

T PLOGSTVB

Log Stock Table - MBF

T11S R10W S01 Ty00P 114.00

Project: **AIW**
Acres **114.00**

Page **2**
Date **6/16/2023**
Time **8:11:46AM**

Spp	ST	So Grt	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 24-2	30-3 40+
DF	T	DO	4M	32	46	20.0	37	5.5		37				
DF	T	DO	4M	34	11	40.0	7	1.0		7				
DF	T	DO	4M	36	14		14	2.0		14				
DF		Totals			734	7.9	676	28.4		503 156	18			
RA		DO	3M	38	18		18	26.8		18				
RA		DO	4M	14	5		5	7.7		5				
RA		DO	CR	18	2		2	3.2		2				
RA		DO	CR	28	8		8	11.5		8				
RA		DO	CR	30	24	6.2	22	32.3		11	12			
RA		DO	CR	40	13		13	18.6		13				
RA		Totals			70	2.1	69	2.9		57	12			
WH		DO	3M	28	7		7	17.1		7				
WH		DO	3M	36	17		17	38.9		17				
WH		DO	4M	16	3		3	6.9		3				
WH		DO	4M	30	16		16	37.1		16				
WH		Totals			43		43	1.8		36 7				
Total		All Species			2,498	4.8	2,379	100.0		1110 998	246 24			

T PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

T11S R10W S01 Ty00P 114.00

Project: **AIW**

Acres **114.00**

Page **1**
Date **6/16/2023**
Time **8:11:45AM**

Spp	S T	So Gr rt 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	L	DO 3M	74	3.9	10,784	10,361	1,181		99	1			4	7	89	38	8	93	0.70	110.9
DF	L	DO 4M	26	2.8	3,699	3,596	410		100			42	36	6	16	21	6	27	0.39	133.1
DF	**Totals**		67	3.6	14,482	13,957	1,591		99	1		11	12	7	70	29	7	57	0.57	244.0
DF	T	DO 3M	53	6.5	3,392	3,172	362		100				8	38	54	35	7	65	0.55	48.7
DF	T	DO 4M	47	9.4	3,046	2,761	315		100			49	33	14	4	21	6	27	0.38	103.1
DF	**Totals**		28	7.9	6,438	5,932	676		100			23	19	27	31	25	7	39	0.45	151.8
RA		DO 3M	26		161	161	18		100						100	38	7	70	0.47	2.3
RA		DO 4M	8		46	46	5		100			100				14	6	20	0.29	2.3
RA		DO CR	66	3.1	407	395	45		74	26		5	67		28	30	7	53	0.58	7.5
RA	**Totals**		3	2.1	615	602	69		83	17		11	44		45	29	7	50	0.52	12.1
WH		DO 3M	56		212	212	24		100				31		69	33	7	57	0.41	3.8
WH		DO 4M	44		166	166	19		100			16	84			26	6	35	0.37	4.8
WH	**Totals**		2		379	379	43		100			7	54		39	29	6	44	0.39	8.6
Totals				4.8	21,914	20,870	2,379		99	1		14	16	12	58	28	7	50	0.53	416.5

T TSTNDSUM

Stand Table Summary

Project **AIW**

T11S R10W S01 T00PC

T11S R10W S01 T00PC

Twp	Rge	Sec	Tract	Type	Acres	Plots	Sample Trees
11S	10W	01	U1	00PC	114.00	35	183

Page: 1
Date: 06/16/2023
Time: 8:11:44AM

Spc	S T	DBH	Sample Trees	FF 16'	Av Ht Tot	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	L	8	2	85	62	6.397	2.23	6.40	6.5	25.0		42	160		47	18
DF	L	9	1	88	94	2.527	1.12	5.05	7.0	30.0		35	152		40	17
DF	L	10	1	85	62	2.047	1.12	2.05	11.0	30.0		23	61		26	7
DF	L	11	11	88	93	18.608	12.28	32.14	11.3	38.9		364	1,252		415	143
DF	L	12	19	88	96	27.008	21.21	51.17	13.7	47.8		699	2,445		797	279
DF	L	13	25	88	95	30.279	27.91	58.14	16.5	57.5		959	3,343		1,094	381
DF	L	14	17	87	96	17.754	18.98	33.42	19.9	67.8		665	2,266		758	258
DF	L	15	19	88	91	17.285	21.21	35.48	21.1	73.1		750	2,593		855	296
DF	L	16	11	87	87	8.795	12.28	17.59	24.3	82.3		428	1,447		488	165
DF	L	17	1	86	69	.708	1.12	1.42	22.5	80.0		32	113		36	13
DF	L	19	1	88	89	.567	1.12	1.13	35.5	110.0		40	125		46	14
DF		Totals	108	88	91	131.974	120.57	243.99	16.5	57.2		4,037	13,957		4,602	1,591
DF	T	8	3	87	40	9.354	3.27	9.35	5.3	20.0		50	187		57	21
DF	T	9	5	88	66	12.319	5.44	12.32	10.6	38.0		131	468		149	53
DF	T	10	15	87	78	29.934	16.33	39.91	10.2	37.0		409	1,477		466	168
DF	T	11	18	87	77	29.687	19.59	46.18	10.5	37.5		485	1,732		553	197
DF	T	12	10	86	83	13.858	10.88	22.17	13.8	43.8		305	970		348	111
DF	T	13	4	81	84	4.723	4.35	8.27	16.1	45.7		133	378		152	43
DF	T	14	2	85	96	2.036	2.18	4.07	16.5	52.5		67	214		77	24
DF	T	15	4	85	68	3.548	4.35	7.10	17.1	46.3		122	328		139	37
DF	T	18	2	84	65	1.232	2.18	2.46	23.0	72.5		57	179		65	20
DF		Totals	63	87	74	106.692	68.57	151.84	11.6	39.1		1,758	5,932		2,004	676
RA		10	3	86	75	6.915	3.77	9.22	11.5	40.0		106	369		121	42
RA		12	1	87	75	1.601	1.26	1.60	24.0	70.0		38	112		44	13
RA		19	1	86	64	.638	1.26	1.28	30.0	95.0		38	121		44	14
RA		Totals	5	86	74	9.154	6.29	12.10	15.1	49.8		183	602		208	69
WH		8	1	88	76	2.456	.86	2.46	12.0	60.0		29	147		34	17
WH		9	1	89	62	1.940	.86	1.94	10.0	40.0		19	78		22	9
WH		10	1	86	68	1.572	.86	1.57	13.0	40.0		20	63		23	7
WH		11	1	87	82	1.299	.86	2.60	11.0	35.0		29	91		33	10
WH		Totals	4	88	72	7.266	3.43	8.56	11.4	44.2		98	379		112	43
SN		8	1	99	70	1.637	.57									
SN		9	2	98	62	2.587	1.14									
SN		Totals	3	98	65	4.224	1.71									
Totals			183	87	83	259.310	200.57	416.48	14.6	50.1		6075	20,870		6,926	2,379

TC TSTATS

STATISTICS

PROJECT AIW

DATE 6/16/2023

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	351	1	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	35	351	10.0		
CRUISE	18	183	10.2	29,561	.6
DBH COUNT					
REFOREST COUNT	17	168	9.9		
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
DF-L	108	132.0	12.9	57	33.5	120.6	14,482	13,957	4,037	4,037
DF-T	63	106.7	10.9	41	20.8	68.6	6,438	5,932	1,758	1,758
R ALDER	5	9.2	11.2	40	1.9	6.3	615	602	183	183
WHEMLOCK	4	7.3	9.3	37	1.1	3.4	379	379	98	98
SNAG	3	4.2	8.6	65	0.6	1.7				
TOTAL	*183*	*259.3*	*11.9*	*49*	*58.1*	*200.6*	*21,914*	*20,870*	*6,075*	*6,075*

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.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DF-L	36.4	3.5	112	116	120			
DF-T	50.8	6.4	58	62	66			
R ALDER	76.0	37.8	52	84	116			
WHEMLOCK	28.6	16.3	44	53	61			
SNAG								
TOTAL	*51.5*	*3.8*	*90*	*94*	*97*	*106*	*26*	*12*

CL: 68.1 % SD: 1.0	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 5	10	INF. POP. 15
DF-L	33.9	3.3	33	34	35			
DF-T	53.2	6.7	18	19	20			
R ALDER	76.2	37.9	16	26	36			
WHEMLOCK	37.3	21.3	11	14	17			
SNAG								
TOTAL	*49.6*	*3.7*	*26*	*27*	*29*	*98*	*25*	*11*

CL: 68.1 % SD: 1.0	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DF-L	12.6	2.1	129	132	135			
DF-T	73.9	12.5	93	107	120			
R ALDER	274.8	46.4	5	9	13			
WHEMLOCK	435.7	73.6	2	7	13			
SNAG	333.8	56.4	2	4	7			
TOTAL	*27.3*	*4.6*	*247*	*259*	*271*	*30*	*7*	*3*

CL: 68.1 % SD: 1.0	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 5	10	INF. POP. 15
DF-L	6.3	1.1	119	121	122			
DF-T	76.9	13.0	60	69	77			
R ALDER	264.8	44.7	3	6	9			
WHEMLOCK	435.7	73.6	1	3	6			
SNAG	331.4	56.0	1	2	3			
TOTAL	*24.8*	*4.2*	*192*	*201*	*209*	*25*	*6*	*3*

TC TSTATS

STATISTICS

PAGE 2

PROJECT AIW

DATE 6/16/2023

TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	351	1	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

CL: 68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DF-L	12.7	2.2	13,656	13,957	14,257			
DF-T	76.3	12.9	5,168	5,932	6,697			
R ALDER	262.7	44.4	335	602	869			
WHEMLOCK	435.7	73.6	100	379	657			
SNAG								
TOTAL	*23.8*	*4.0*	*20,032*	*20,870*	*21,707*	*23*	*6*	*3*

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
DF-L	9.7	1.6	3,971	4,037	4,102			
DF-T	76.6	12.9	1,531	1,758	1,986			
R ALDER	261.5	44.2	102	183	263			
WHEMLOCK	435.7	73.6	26	98	170			
SNAG								
TOTAL	*23.2*	*3.9*	*5,837*	*6,075*	*6,313*	*21*	*5*	*2*

TREE SEGMENT VOLUMES

Project: AIW

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	183	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
0101	0001	B1	1	DF	T	1	11.0	4	88	G	50	93		1 13	32		.919	.505	10.75	7.82	15	15	60	60
							BA = 20.00				T/A = 30.305			2 14	16		.919	.505	7.82	6.43	5	5	20	20
																					20	*20*	*80*	*80*
	0002	B1	1	DF	L	1	14.0	4	88	G	65	96		1 13	40	1	.919	.505	13.70	9.27	31	31	120	110
							BA = 20.00				T/A = 18.709			2 14	24		.919	.505	9.27	6.29	9	9	30	30
																					40	*40*	*150*	*140*
	0003	B1	1	DF	T	1	9.0	4	88	G	32	64		1 14	30	4	.919	.505	8.79	6.49	10	10	40	30
							BA = 20.00				T/A = 45.271										*10*	*10*	*40*	*30*
	0004	B1	1	DF	T	1	11.0	4	89	G	43	76		1 14	26	5	.919	.505	10.58	8.11	14	14	50	40
							BA = 20.00				T/A = 30.305			2 14	16		.919	.505	8.11	6.31	5	5	20	20
																					19	*19*	*70*	*60*
	0005	B1	1	DF	T	1	14.0	4	88	G	70	105		1 00	10		.919	.505	13.73	11.90				
							BA = 20.00				T/A = 18.709			2 13	30	2	.919	.505	11.90	9.49	19	19	70	70
														3 14	28		.919	.505	9.49	6.43	11	11	30	30
																					30	*30*	*100*	*100*
	0006	B1	1	DF	L	1	15.0	4	88	G	68	97		1 13	40		.919	.505	14.68	9.94	34	34	120	120
							BA = 20.00				T/A = 16.297			2 14	26		.919	.505	9.94	6.43	10	10	30	30
																					44	*44*	*150*	*150*
	0007	B1	1	DF	T	1	10.0	4	87	G	35	70		1 00	10		.919	.505	9.75	8.50				
							BA = 20.00				T/A = 36.669			2 14	24		.919	.505	8.50	6.43	8	8	30	30
																					8	*8*	*30*	*30*
	0008	B1	1	DF	T	1	11.0	4	88	G	44	80		1 13	34	1	.919	.505	10.69	7.36	16	16	60	60
							BA = 20.00				T/A = 30.305			2 00	8		.919	.505	7.36	6.54				
																					16	*16*	*60*	*60*
	0009	B1	1	DF	L	1	15.0	4	88	G	59	83		1 13	40		.919	.505	14.59	9.37	34	34	120	120
							BA = 20.00				T/A = 16.297			2 14	16		.919	.505	9.37	6.63	6	6	20	20
																					40	*40*	*140*	*140*
	0010	B1	1	DF	L	1	12.0	4	89	G	53	87		1 13	36	1	.919	.505	11.61	8.15	21	21	80	80
							BA = 20.00				T/A = 25.465			2 14	16		.919	.505	8.15	6.31	5	5	20	20
																					26	*26*	*100*	*100*
	0011	B1	1	DF	L	1	13.0	4	86	G	52	81		1 13	38	3	.919	.505	12.84	8.12	25	25	80	80
							BA = 20.00				T/A = 21.698			2 14	12		.919	.505	8.12	6.43	4	4	10	10
																					29	*29*	*90*	*90*
	0012	B1	1	DF	L	1	14.0	4	86	G	61	91		1 13	32	1	.919	.505	13.88	9.68	25	25	90	70
							BA = 20.00				T/A = 18.709			2 14	28	2	.919	.505	9.68	6.28	11	11	30	30
																					36	*36*	*120*	*100*
	0013	B1	1	DF	L	1	14.0	4	88	G	63	93		1 13	40	1	.919	.505	13.68	9.17	31	31	120	110
							BA = 20.00				T/A = 18.709										*31*	*31*	*120*	*110*
PLOT							BA = 260.00				T/A = 327.44										7,636	7,636	27,668	26,164
0102	0001	B1	1	DF	L	6	12.9	4	88	G	57	91		1 xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34										*31*	*31*	*110*	*106*
	0002	B1	1	DF	T	1	10.9	4	87	G	41	1		1 xx	25						16	16	60	56
				Count			BA = 20.00				T/A = 31.118										*16*	*16*	*60*	*56*
PLOT							BA = 140.00				T/A = 162.46										4,530	4,530	16,291	15,621
0103	0001	B1	1	DF	L	1	12.0	4	92	G	62	101		1 13	40		.919	.505	11.40	8.42	23	23	90	90
							BA = 20.00				T/A = 25.465			2 14	20		.919	.505	8.42	6.43	7	7	20	20
																					30	*30*	*110*	*110*
	0002	B1	1	DF	T	1	10.0	4	86	G	32	64		1 14	30	5	.919	.505	9.78	6.54	11	11	40	30
							BA = 20.00				T/A = 36.669										*11*	*11*	*40*	*30*
	0003	B1	1	DF	L	1	11.0	4	92	G	51	89		1 13	34		.919	.505	10.41	7.94	16	16	60	60
							BA = 20.00				T/A = 30.305			2 14	16		.919	.505	7.94	6.32	5	5	20	20
																					21	*21*	*80*	*80*
	0004	B1	1	DF	T	1	9.0	4	92	G	34	68		1 14	32	3	.919	.505	8.49	6.51	11	11	50	40
							BA = 20.00				T/A = 45.271										*11*	*11*	*50*	*40*
	0005	B1	1	DF	L	1	11.0	4	90	G	53	97		1 13	36	6	.919	.505	10.60	7.76	17	17	60	50
							BA = 20.00				T/A = 30.305										*17*	*17*	*60*	*50*

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	183	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S	SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
0103	0007	B1	1	DF	L	1	13.0	4	88	G	60	94		1	13	40	1	.919	.505	12.71	8.53	26	26	90	90
							BA = 20.00				T/A = 21.698			2	14	18		.919	.505	8.53	6.43	6	6	20	20
																						32	*32*	*110*	*110*
	0008	B1	1	DF	L	1	11.0	4	88	G	44	80		1	13	30		.919	.505	10.69	7.73	14	14	50	50
							BA = 20.00				T/A = 30.305			2	14	12	2	.919	.505	7.73	6.43	4	4	10	10
																						18	*18*	*60*	*60*
	0009	B1	1	DF	L	1	13.0	4	92	G	61	92		1	13	40		.919	.505	12.31	8.86	26	26	90	90
							BA = 20.00				T/A = 21.698			2	14	20		.919	.505	8.86	6.29	7	7	20	20
																						33	*33*	*110*	*110*
	0010	B1	1	RA		1	12.0	4	87	H	40	75		1	1K	40		.953	.545	12.19	7.50	24	24	70	70
							BA = 20.00				T/A = 25.465											*24*	*24*	*70*	*70*
PLOT							BA = 180.00				T/A = 267.18											5,384	5,384	19,149	18,026
0104	0001	B1	1	DF	L	6	12.9	4	88	G	57	91		1	xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34											*31*	*31*	*110*	*106*
	0002	B1	1	DF	T	1	10.9	4	87	G	41	1		1	xx	25						16	16	60	56
				Count			BA = 20.00				T/A = 31.118											*16*	*16*	*60*	*56*
PLOT							BA = 140.00				T/A = 162.46											4,530	4,530	16,291	15,621
0106	0001	B1	1	DF	L	1	15.0	4	90	G	50	68		1	13	28	2	.919	.505	14.24	10.65	26	26	100	90
							BA = 20.00				T/A = 16.297			2	14	20		.919	.505	10.65	6.43	9	9	20	20
																						35	*35*	*120*	*110*
	0002	B1	1	DF	L	1	15.0	4	85	G	63	91		1	13	40		.919	.505	14.98	9.40	34	34	120	120
							BA = 20.00				T/A = 16.297			2	14	20		.919	.505	9.40	6.60	8	8	20	20
																						42	*42*	*140*	*140*
	0003	B1	1	DF	T	1	12.0	4	90	G	52	84		1	13	34		.919	.505	11.50	8.35	20	20	70	70
							BA = 20.00				T/A = 25.465			2	14	16		.919	.505	8.35	6.43	5	5	20	20
																						25	*25*	*90*	*90*
	0004	B1	1	DF	T	1	9.0	4	88	G	33	66		1	14	32	1	.919	.505	8.81	6.43	11	11	50	40
							BA = 20.00				T/A = 45.271											*11*	*11*	*50*	*40*
	0005	B1	1	DF	L	1	15.0	4	88	G	64	90		1	13	40	2	.919	.505	14.64	9.72	34	34	120	110
							BA = 20.00				T/A = 16.297			2	14	20		.919	.505	9.72	6.78	8	8	20	20
																						42	*42*	*140*	*130*
	0006	B1	1	DF	T	1	13.0	4	83	G	51	83		1	13	34	1	.919	.505	13.14	8.29	24	24	70	70
							BA = 20.00				T/A = 21.698			2	14	16	1	.919	.505	8.29	6.30	5	5	20	20
																						29	*29*	*90*	*90*
	0007	B1	1	DF	T	1	11.0	4	86	G	37	66		1	13	36		.919	.505	10.76	6.43	16	16	60	60
							BA = 20.00				T/A = 30.305											*16*	*16*	*60*	*60*
	0008	B1	1	DF	T	1	15.0	4	82	G	49	70		1	13	32	1	.919	.505	15.17	9.24	30	30	90	70
							BA = 20.00				T/A = 16.297			2	14	16		.919	.505	9.24	6.22	6	6	20	20
																						36	*36*	*110*	*90*
	0009	B1	1	DF	T	1	9.0	4	88	G	38	76		1	13	36	2	.919	.505	8.86	6.48	12	12	60	50
							BA = 20.00				T/A = 45.271											*12*	*12*	*60*	*50*
	0010	B1	1	DF	L	1	12.0	4	90	G	62	103		1	13	40		.919	.505	11.59	8.29	23	23	90	90
							BA = 20.00				T/A = 25.465			2	14	20		.919	.505	8.29	6.43	7	7	20	20
																						30	*30*	*110*	*110*
	0011	B1	1	DF	T	1	15.0	4	86	G	46	63		1	13	32	2	.919	.505	14.63	9.30	27	27	90	70
							BA = 20.00				T/A = 16.297			2	14	12		.919	.505	9.30	6.43	5	5	10	10
																						32	*32*	*100*	*80*
	0012	B1	1	DF	L	1	16.0	4	88	G	65	88		1	13	40	3	.919	.505	15.61	10.29	39	39	150	140
							BA = 20.00				T/A = 14.324			2	14	24		.919	.505	10.29	6.23	11	11	30	30
																						50	*50*	*180*	*170*
	0013	B1	1	DF	L	1	12.0	4	90	G	60	100		1	13	40	4	.919	.505	11.57	8.21	23	23	90	80
							BA = 20.00				T/A = 25.465			2	14	18		.919	.505	8.21	6.43	6	6	20	20
																						29	*29*	*110*	*100*
PLOT							BA = 260.00				T/A = 314.75											8,058	8,058	29,165	26,884
0107	0001	B1	1	DF	L	6	12.9	4	88	G	57	91		1	xx	29						31	31	110	106

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	183	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
				Count			BA = 120.00				T/A = 131.34										*31*	*31*	*110*	*106*
0107	0002	B1	1	DF	T	1	10.9	4	87	G	41	1		1xx	25						16	16	60	56
				Count			BA = 20.00				T/A = 31.118										*16*	*16*	*60*	*56*
PLOT							BA = 140.00				T/A = 162.46										4,530	4,530	16,291	15,621
0108	0001	B1	1	DF	L	1	12.0	4	86	G	60	105		114	40	1	.919	.505	11.95	7.97	21	21	70	70
							BA = 20.00				T/A = 25.465			214	18		.919	.505	7.97	6.43	5	5	20	20
																					26	*26*	*90*	*90*
	0002	B1	1	DF	L	1	11.0	4	92	G	61	110		114	40	1	.919	.505	10.48	7.90	19	19	70	70
							BA = 20.00				T/A = 30.305			214	20		.919	.505	7.90	6.35	6	6	20	20
																					25	*25*	*90*	*90*
	0003	B1	1	DF	L	1	12.0	4	92	G	56	90		113	38	1	.919	.505	11.35	8.30	22	22	80	80
							BA = 20.00				T/A = 25.465			214	16		.919	.505	8.30	6.43	5	5	20	20
																					27	*27*	*100*	*100*
	0004	B1	1	DF	T	1	10.0	4	88	G	25	42		100	24		.919	.505	9.56	6.65				
							BA = 20.00				T/A = 36.669													
	0005	B1	1	DF	L	1	11.0	4	92	G	51	89		114	34	2	.919	.505	10.41	7.94	16	16	60	60
							BA = 20.00				T/A = 30.305			214	16		.919	.505	7.94	6.32	5	5	20	20
																					21	*21*	*80*	*80*
	0006	B1	1	DF	T	1	13.0	4	88	G	56	87		113	38	4	.919	.505	12.67	8.50	25	25	80	70
							BA = 20.00				T/A = 21.698			214	16		.919	.505	8.50	6.43	5	5	20	20
																					30	*30*	*100*	*90*
	0007	B1	1	DF	L	1	15.0	4	92	G	82	115		113	40	1	.919	.505	14.31	10.88	36	36	150	150
							BA = 20.00				T/A = 16.297			214	40	1	.919	.505	10.88	6.43	17	17	60	60
																					53	*53*	*210*	*210*
	0008	B1	1	DF	T	1	10.0	4	90	G	53	106		114	36	1	.919	.505	9.69	7.32	15	15	60	60
							BA = 20.00				T/A = 36.669			214	16		.919	.505	7.32	6.37	5	5	20	20
																					20	*20*	*80*	*80*
	0009	B1	1	DF	T	1	11.0	4	90	G	49	88		113	32	2	.919	.505	10.56	7.90	15	15	60	50
							BA = 20.00				T/A = 30.305			214	16		.919	.505	7.90	6.33	5	5	20	20
																					20	*20*	*80*	*70*
	0010	B1	1	DF	L	1	11.0	4	90	G	55	101		114	38	2	.919	.505	10.61	7.70	18	18	70	60
							BA = 20.00				T/A = 30.305										*18*	*18*	*70*	*60*
PLOT							BA = 200.00				T/A = 283.48										6,143	6,143	23,062	22,239
0109	0001	B1	1	DF	T	7	10.9	4	87	G	41	1		1xx	25						16	16	60	56
				Count			BA = 140.00				T/A = 217.82										*16*	*16*	*60*	*56*
	0002	B1	1	DF	L	7	12.9	4	88	G	57	91		1xx	29						31	31	110	106
				Count			BA = 140.00				T/A = 153.24										*31*	*31*	*110*	*106*
PLOT							BA = 280.00				T/A = 371.06										8,277	8,277	29,960	28,317
0110	0001	B1	1	DF	T	1	11.0	4	86	G	28	44		100	4		.919	.505	10.58	10.11				
							BA = 20.00				T/A = 30.305			214	20	1	.919	.505	10.11	7.10	10	10	30	30
																					10	*10*	*30*	*30*
	0002	B1	1	DF	T	1	11.0	4	86	G	35	61		114	20		.919	.505	10.71	8.20	11	11	40	40
							BA = 20.00				T/A = 30.305			200	14		.919	.505	8.20	6.43				
																					11	*11*	*40*	*40*
	0003	B1	1	DF	L	1	14.0	4	87	G	68	102		113	36	1	.919	.505	13.83	9.67	28	28	100	100
							BA = 20.00				T/A = 18.709			214	20	1	.919	.505	9.67	7.64	9	9	30	30
																					37	*37*	*130*	*130*
	0004	B1	1	DF	L	1	15.0	4	90	G	70	98		113	40	1	.919	.505	14.46	10.22	36	36	150	150
							BA = 20.00				T/A = 16.297			214	28		.919	.505	10.22	6.43	12	12	30	30
																					48	*48*	*180*	*180*
	0005	B1	1	DF	L	1	11.0	4	82	G	43	86		113	30	2	.919	.505	11.23	7.35	16	16	50	50
							BA = 20.00				T/A = 30.305			214	14	2	.919	.505	7.35	6.17	4	4	20	10
																					20	*20*	*70*	*60*
	0006	B1	1	DF	T	1	11.0	4	83	G	25	39		100	24		.919	.505	10.68	6.70				
							BA = 20.00				T/A = 30.305													

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	183	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S	SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
0110	0007	B1	1	DF	L	1	12.0	4	86	G	44	73		1	14	24	1	.919	.505	11.79	8.68	14	14	40	40
							BA = 20.00				T/A = 25.465			2	00	12		.919	.505	8.68	7.37				
																						14	*14*	*40*	*40*
	0008	B1	1	DF	L	1	12.0	4	87	G	54	92		1	13	36	2	.919	.505	11.81	8.08	21	21	80	70
							BA = 20.00				T/A = 25.465			2	14	16		.919	.505	8.08	6.43	5	5	20	20
																						26	*26*	*100*	*90*
	0009	B1	1	DF	L	1	13.0	4	88	G	51	78		1	13	32	4	.919	.505	12.62	8.87	21	21	70	50
							BA = 20.00				T/A = 21.698											*21*	*21*	*70*	*50*
PLOT							BA = 180.00				T/A = 228.85											4,191	4,191	14,692	13,701
0111	0001	B1	1	DF	T	9	10.9	4	87	G	41	1		1	xx	25						16	16	60	56
				Count			BA = 180.00				T/A = 280.06											*16*	*16*	*60*	*56*
	0002	B1	1	DF	L	6	12.9	4	88	G	57	91		1	xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34											*31*	*31*	*110*	*106*
PLOT							BA = 300.00				T/A = 411.41											8,633	8,633	31,314	29,463
0112	0001	B1	1	DF	T	1	10.0	4	88	G	32	62		1	14	30	6	.919	.505	9.59	6.56	11	11	40	30
							BA = 20.00				T/A = 36.669											*11*	*11*	*40*	*30*
	0002	B1	1	DF	L	1	12.0	4	90	G	60	100		1	13	40	2	.919	.505	11.57	8.21	23	23	90	80
							BA = 20.00				T/A = 25.465			2	14	18		.919	.505	8.21	6.43	6	6	20	20
																						29	*29*	*110*	*100*
	0003	B1	1	DF	T	1	12.0	4	86	G	53	91		1	14	26	2	.919	.505	11.90	8.75	15	15	50	40
							BA = 20.00				T/A = 25.465			2	14	16		.919	.505	8.75	7.35	6	6	30	30
																						21	*21*	*80*	*70*
	0004	B1	1	DF	T	1	10.0	4	88	G	44	88		1	14	28	1	.919	.505	9.79	7.40	12	12	50	40
							BA = 20.00				T/A = 36.669			2	14	14	1	.919	.505	7.40	6.43	4	4	20	20
																						16	*16*	*70*	*60*
	0005	B1	1	DF	L	1	13.0	4	88	G	54	83		1	13	36	1	.919	.505	12.65	8.60	23	23	80	80
							BA = 20.00				T/A = 21.698			2	14	16		.919	.505	8.60	6.43	5	5	20	20
																						28	*28*	*100*	*100*
	0006	B1	1	DF	L	1	15.0	4	92	G	66	91		1	13	40		.919	.505	14.20	10.18	36	36	150	150
							BA = 20.00				T/A = 16.297			2	14	24	2	.919	.505	10.18	6.43	11	11	30	30
																						47	*47*	*180*	*180*
	0007	B1	1	DF	T	1	13.0	4	88	G	59	92		1	13	40	4	.919	.505	12.70	8.48	26	26	90	80
							BA = 20.00				T/A = 21.698			2	14	18		.919	.505	8.48	6.30	6	6	20	20
																						32	*32*	*110*	*100*
	0008	B1	1	DF	L	1	14.0	4	88	G	54	78		1	13	36	1	.919	.505	13.59	9.06	28	28	100	100
							BA = 20.00				T/A = 18.709			2	14	16		.919	.505	9.06	6.43	6	6	20	20
																						34	*34*	*120*	*120*
	0009	B1	1	DF	T	1	12.0	4	86	G	58	101		1	13	40		.919	.505	11.94	7.88	21	21	70	70
							BA = 20.00				T/A = 25.465			2	14	16		.919	.505	7.88	6.43	5	5	20	20
																						26	*26*	*90*	*90*
	0010	B1	1	DF	T	1	8.0	4	87	G	18	18		1	14	16		.919	.505	7.67	6.09	5	5	20	20
							BA = 20.00				T/A = 57.296											*5*	*5*	*20*	*20*
	0011	B1	1	DF	L	1	15.0	4	88	G	64	90		1	13	40		.919	.505	14.64	9.72	34	34	120	120
							BA = 20.00				T/A = 16.297			2	14	20		.919	.505	9.72	6.78	8	8	20	20
																						42	*42*	*140*	*140*
	0012	B1	1	DF	L	1	15.0	4	88	G	69	98		1	13	40		.919	.505	14.68	9.99	34	34	120	120
							BA = 20.00				T/A = 16.297			2	14	28		.919	.505	9.99	6.27	11	11	30	30
																						45	*45*	*150*	*150*
PLOT							BA = 240.00				T/A = 318.02											7,334	7,334	26,771	25,311
0113	0001	B1	1	DF	L	6	12.9	4	88	G	57	91		1	xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34											*31*	*31*	*110*	*106*
	0002	B1	1	DF	T	1	10.9	4	87	G	41	1		1	xx	25						16	16	60	56
				Count			BA = 20.00				T/A = 31.118											*16*	*16*	*60*	*56*
PLOT							BA = 140.00				T/A = 162.46											4,530	4,530	16,291	15,621

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	183	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S	SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
0114	0001	B1	1	DF	L	1	13.0	4	87	G	58	91		1	13	40	1	.919	.505	12.79	8.36	26	26	90	90
							BA = 20.00				T/A = 21.698			2	14	16		.919	.505	8.36	6.43	5	5	20	20
																						31	*31*	*110*	*110*
	0002	B1	1	DF	L	1	12.0	4	88	G	52	87		1	13	34		.919	.505	11.70	8.22	20	20	70	70
							BA = 20.00				T/A = 25.465			2	14	16	1	.919	.505	8.22	6.43	5	5	20	20
																						25	*25*	*90*	*90*
	0003	B1	1	DF	L	1	14.0	4	88	G	63	93		1	13	38		.919	.505	13.68	9.37	29	29	110	110
							BA = 20.00				T/A = 18.709			2	14	24		.919	.505	9.37	6.28	9	9	30	30
																						38	*38*	*140*	*140*
	0004	B1	1	DF	L	1	13.0	4	88	G	66	105		1	13	40		.919	.505	12.75	8.81	26	26	90	90
							BA = 20.00				T/A = 21.698			2	14	24	1	.919	.505	8.81	6.43	8	8	30	30
																						34	*34*	*120*	*120*
	0005	B1	1	DF	L	1	11.0	4	92	G	44	75		1	14	26	1	.919	.505	10.38	8.35	14	14	50	50
							BA = 20.00				T/A = 30.305			2	14	16		.919	.505	8.35	6.43	5	5	20	20
																						19	*19*	*70*	*70*
	0006	B1	1	DF	L	1	14.0	4	88	G	67	100		1	13	40	4	.919	.505	13.71	9.36	31	31	120	100
							BA = 20.00				T/A = 18.709											*31*	*31*	*120*	*100*
PLOT							BA = 120.00				T/A = 136.58											3,914	3,914	14,268	13,894
0115	0001	B1	1	DF	T	7	10.9	4	87	G	41	1		1	xx	25						16	16	60	56
				Count			BA = 140.00				T/A = 217.82											*16*	*16*	*60*	*56*
	0002	B1	1	DF	L	6	12.9	4	88	G	57	91		1	xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34											*31*	*31*	*110*	*106*
PLOT							BA = 260.00				T/A = 349.17											7,607	7,607	27,558	26,002
0116	0001	B1	1	DF	L	1	16.0	4	92	G	71	95		1	13	40	1	.919	.505	15.17	11.03	42	42	180	180
							BA = 20.00				T/A = 14.324			2	14	30	3	.919	.505	11.03	6.23	15	15	40	30
																						57	*57*	*220*	*210*
	0002	B1	1	DF	T	1	11.0	4	86	G	38	69		1	14	12	4	.919	.505	10.78	8.96	7	7	20	10
							BA = 20.00				T/A = 30.305			2	14	18		.919	.505	8.96	7.16	7	7	30	30
																						14	*14*	*50*	*40*
	0003	B1	1	DF	L	1	17.0	4	86	G	53	69		1	13	36		.919	.505	16.66	10.20	38	38	140	140
							BA = 20.00				T/A = 12.688			2	14	16	1	.919	.505	10.20	6.14	7	7	20	20
																						45	*45*	*160*	*160*
	0004	B1	1	DF	L	1	16.0	4	86	G	49	65		1	13	32	1	.919	.505	15.64	10.07	32	32	120	110
							BA = 20.00				T/A = 14.324			2	14	16		.919	.505	10.07	6.15	7	7	20	20
																						39	*39*	*140*	*130*
	0005	B1	1	DF	L	1	15.0	4	86	G	66	95		1	13	38	2	.919	.505	14.89	9.86	32	32	110	100
							BA = 20.00				T/A = 16.297			2	14	16	1	.919	.505	9.86	7.89	7	7	30	20
																						39	*39*	*140*	*120*
	0006	B1	1	DF	L	1	16.0	4	85	G	63	87		1	13	40	1	.919	.505	15.96	9.88	37	37	120	110
							BA = 20.00				T/A = 14.324			2	14	20	1	.919	.505	9.88	6.62	8	8	20	20
																						45	*45*	*140*	*130*
	0007	B1	1	DF	T	1	11.0	4	89	G	43	76		1	14	26	2	.919	.505	10.58	8.11	14	14	50	40
							BA = 20.00				T/A = 30.305			2	14	16		.919	.505	8.11	6.31	5	5	20	20
																						19	*19*	*70*	*60*
	0008	B1	1	DF	T	1	10.0	4	88	G	36	72		1	14	34	8	.919	.505	9.68	6.53	13	13	50	30
							BA = 20.00				T/A = 36.669											*13*	*13*	*50*	*30*
	0010	B1	1	DF	L	1	15.0	4	91	G	71	99		1	13	40		.919	.505	14.35	10.36	36	36	150	150
							BA = 20.00				T/A = 16.297			2	14	30		.919	.505	10.36	6.27	13	13	40	40
																						49	*49*	*190*	*190*
	0011	B1	1	DF	T	1	12.0	4	86	G	42	69		1	13	40	3	.919	.505	11.76	6.59	19	19	60	60
							BA = 20.00				T/A = 25.465											*19*	*19*	*60*	*60*
PLOT							BA = 200.00				T/A = 211.00											5,985	5,985	21,568	19,473
0117	0001	B1	1	DF	L	6	12.9	4	88	G	57	91		1	xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34											*31*	*31*	*110*	*106*
	0002	B1	1	DF	T	2	10.9	4	87	G	41	1		1	xx	25						16	16	60	56
				Count			BA = 40.00				T/A = 62.237											*16*	*16*	*60*	*56*

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	183	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S	SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
0117	0003	B1	1	RA		2	11.2	4	87	H	40	74		1	xx	30						20	20	67	66
				Count			BA = 40.00				T/A = 58.252											*20*	*20*	*67*	*66*
PLOT							BA = 200.00				T/A = 251.83											6,206	6,206	22,082	21,183
0118	0001	B1	1	DF	L	1	15.0	4	88	G	56	78		1	13	38	1	.919	.505	14.56	9.41	32	32	110	110
							BA = 20.00				T/A = 16.297			2	14	12	1	.919	.505	9.41	7.24	5	5	20	20
																						37	*37*	*130*	*130*
	0002	B1	1	DF	T	1	15.0	4	88	G	49	67		1	13	32		.919	.505	14.45	9.75	27	27	90	90
							BA = 20.00				T/A = 16.297			2	14	16		.919	.505	9.75	6.17	6	6	20	20
																						33	*33*	*110*	*110*
	0003	B1	1	DF	T	1	12.0	4	87	G	31	46		1	00	12		.919	.505	11.51	10.07				
							BA = 20.00				T/A = 25.465			2	14	18		.919	.505	10.07	6.43	8	8	20	20
																						8	*8*	*20*	*20*
	0004	B1	1	DF	T	1	18.0	4	83	G	53	69		1	13	30	1	.919	.505	18.05	11.49	40	40	130	120
							BA = 20.00				T/A = 11.318			2	00	7		.919	.505	11.49	10.17				
														3	14	14		.919	.505	10.17	6.43	6	6	20	20
																						46	*46*	*150*	*140*
	0005	B1	1	DF	L	1	16.0	4	83	G	60	84		1	13	40	2	.919	.505	16.18	9.49	40	40	120	110
							BA = 20.00				T/A = 14.324			2	14	18		.919	.505	9.49	6.43	7	7	20	20
																						47	*47*	*140*	*130*
	0006	B1	1	DF	T	1	18.0	4	87	G	48	60		1	13	32	1	.919	.505	17.37	11.05	39	39	140	130
							BA = 20.00				T/A = 11.318			2	14	14		.919	.505	11.05	6.43	7	7	20	20
																						46	*46*	*160*	*150*
	0007	B1	1	DF	L	1	16.0	4	88	G	60	81		1	13	40	2	.919	.505	15.55	9.91	37	37	120	110
							BA = 20.00				T/A = 14.324			2	14	18		.919	.505	9.91	6.43	7	7	20	20
																						44	*44*	*140*	*130*
	0008	B1	1	DF	T	1	11.0	4	75	G	30	60		1	00	6		.919	.505	11.70	9.46				
							BA = 20.00				T/A = 30.305			2	14	24		.919	.505	9.46	6.34	9	9	30	30
																						9	*9*	*30*	*30*
	0009	B1	1	DF	T	1	12.0	4	92	G	42	64		1	13	40	4	.919	.505	11.32	6.63	19	19	60	60
							BA = 20.00				T/A = 25.465											*19*	*19*	*60*	*60*
	0010	B1	1	DF	T	1	13.0	4	66	G	37	74		1	14	32	3	.919	.505	14.80	6.75	22	22	50	40
							BA = 20.00				T/A = 21.698											*22*	*22*	*50*	*40*
	0011	B1	1	DF	L	1	16.0	4	88	G	54	72		1	13	36	3	.919	.505	15.47	10.01	36	36	140	130
							BA = 20.00				T/A = 14.324			2	14	16	1	.919	.505	10.01	6.43	7	7	20	20
																						43	*43*	*160*	*150*
	0012	B1	1	DF	T	1	10.0	4	83	G	37	74		1	13	36	4	.919	.505	10.14	6.43	16	16	60	50
							BA = 20.00				T/A = 36.669											*16*	*16*	*60*	*50*
	0013	B1	1	DF	L	1	16.0	4	88	G	69	94		1	13	40	3	.919	.505	15.64	10.52	39	39	150	140
							BA = 20.00				T/A = 14.324			2	14	28		.919	.505	10.52	6.25	12	12	30	30
																						51	*51*	*180*	*170*
	0014	B1	1	DF	L	1	14.0	4	87	G	61	91	.	1	13	40		.919	.505	13.77	8.98	29	29	90	90
							BA = 20.00				T/A = 18.709			2	14	20		.919	.505	8.98	6.28	7	7	20	20
																						36	*36*	*110*	*110*
	0015	B1	1	DF	T	1	14.0	4	83	G	57	87		1	13	40		.919	.505	14.17	8.44	31	31	90	90
							BA = 20.00				T/A = 18.709			2	14	16		.919	.505	8.44	6.29	5	5	20	20
																						36	*36*	*110*	*110*
	0016	B1	1	DF	T	1	11.0	4	87	G	30	48		1	00	16		.919	.505	10.55	8.79				
							BA = 20.00				T/A = 30.305			2	14	14		.919	.505	8.79	6.21	5	5	20	20
																						5	*5*	*20*	*20*
PLOT							BA = 320.00				T/A = 319.85											8,355	8,355	27,254	25,871
0119	0001	B1	1	DF	L	6	12.9	4	88	G	57	91		1	xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34											*31*	*31*	*110*	*106*
	0002	B1	1	DF	T	3	10.9	4	87	G	41	1		1	xx	25						16	16	60	56
				Count			BA = 60.00				T/A = 93.355											*16*	*16*	*60*	*56*
PLOT							BA = 180.00				T/A = 224.70											5,556	5,556	20,047	19,081

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	183	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
0120	0001	B1	1	DF	L	1	15.0	4	88	G	48	65		1 13	30	2	.919	.505	14.43	10.00	27	27	110	100
							BA = 20.00				T/A = 16.297			2 14	16		.919	.505	10.00	6.43	7	7	20	20
																					34	*34*	*130*	*120*
	0002	B1	1	DF	L	1	10.0	4	86	G	31	62		1 14	30	6	.919	.505	9.75	6.43	11	11	40	30
							BA = 20.00				T/A = 36.669										*11*	*11*	*40*	*30*
	0003	B1	1	DF	L	1	16.0	4	89	G	69	94		1 13	40		.919	.505	15.52	10.62	39	39	150	150
							BA = 20.00				T/A = 14.324			2 14	28		.919	.505	10.62	6.24	12	12	30	30
																					51	*51*	*180*	*180*
	0004	B1	1	DF	L	1	13.0	4	87	G	56	88		1 13	38	2	.919	.505	12.77	8.44	25	25	80	80
							BA = 20.00				T/A = 21.698			2 14	16	0	.919	.505	8.44	6.43	5	5	20	20
																					30	*30*	*100*	*100*
	0005	B1	1	DF	L	1	12.0	4	87	G	39	62		1 00	9		.919	.505	11.59	10.38				
							BA = 20.00				T/A = 25.465			2 14	30	1	.919	.505	10.38	6.25	13	13	40	40
																					13	*13*	*40*	*40*
	0006	B1	1	DF	L	1	13.0	4	88	G	33	46		1 14	32	2	.919	.505	12.42	6.43	17	17	50	40
							BA = 20.00				T/A = 21.698										*17*	*17*	*50*	*40*
	0007	B1	1	DF	T	1	15.0	4	88	G	53	73		1 13	34	3	.919	.505	14.52	9.76	29	29	100	70
							BA = 20.00				T/A = 16.297			2 14	18	1	.919	.505	9.76	6.20	7	7	20	20
																					36	*36*	*120*	*90*
	0008	B1	1	RA		1	19.0	4	87	H	50	64		1 1K	30	3	.953	.545	19.15	13.09	48	48	180	160
							BA = 20.00				T/A = 10.158			2 1K	18		.953	.545	13.09	7.62	12	12	30	30
																					60	*60*	*210*	*190*
PLOT							BA = 160.00				T/A = 162.60										4,235	4,235	14,526	13,087
0121	0001	B1	1	DF	L	1	14.0	4	88	G	56	82		1 13	38	1	.919	.505	13.61	8.95	27	27	80	80
							BA = 20.00				T/A = 18.709			2 14	16		.919	.505	8.95	6.43	5	5	20	20
																					32	*32*	*100*	*100*
	0002	B1	1	DF	L	1	12.0	4	86	G	50	85		1 14	36		.919	.505	11.87	7.81	19	19	60	60
							BA = 20.00				T/A = 25.465			2 14	12		.919	.505	7.81	6.43	4	4	10	10
																					23	*23*	*70*	*70*
	0003	B1	1	DF	L	1	14.0	4	86	G	61	91		1 13	40	1	.919	.505	13.88	8.90	29	29	90	90
							BA = 20.00				T/A = 18.709			2 14	18		.919	.505	8.90	6.58	6	6	20	20
																					35	*35*	*110*	*110*
	0004	B1	1	DF	L	1	13.0	4	86	G	55	87		1 13	38		.919	.505	12.87	8.32	25	25	80	80
							BA = 20.00				T/A = 21.698			2 14	16		.919	.505	8.32	6.30	5	5	20	20
																					30	*30*	*100*	*100*
	0005	B1	1	RA		1	10.0	4	87	G	29	53		1 1K	28	1	.953	.545	9.96	6.67	11	11	30	30
							BA = 20.00				T/A = 36.669										*11*	*11*	*30*	*30*
	0006	B1	1	RA		1	10.0	4	87	G	33	64		1 1K	30	1	.953	.545	10.08	6.90	13	13	40	40
							BA = 20.00				T/A = 36.669										*13*	*13*	*40*	*40*
	0007	B1	1	DF	L	1	8.0	4	83	G	27	54		1 14	16		.919	.505	8.06	6.05	5	5	20	20
							BA = 20.00				T/A = 57.296										*5*	*5*	*20*	*20*
	0008	B1	1	DF	L	1	14.0	4	88	G	63	93		1 13	38		.919	.505	13.68	9.37	29	29	110	110
							BA = 20.00				T/A = 18.709			2 14	24		.919	.505	9.37	6.28	9	9	30	30
																					38	*38*	*140*	*140*
PLOT							BA = 160.00				T/A = 233.92										4,368	4,368	14,213	14,213
0122	0001	B1	1	DF	T	2	10.9	4	87	G	41	1		1 xx	25						16	16	60	56
				Count			BA = 40.00				T/A = 62.237										*16*	*16*	*60*	*56*
	0002	B1	1	DF	L	6	12.9	4	88	G	57	91		1 xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34										*31*	*31*	*110*	*106*
PLOT							BA = 160.00				T/A = 193.58										5,043	5,043	18,169	17,351
0123	0001	B1	1	DF	L	1	9.0	4	89	G	47	94		1 13	32		.919	.505	8.84	6.88	11	11	50	50
							BA = 20.00				T/A = 45.271			2 14	12		.919	.505	6.88	6.47	3	3	10	10
																					14	*14*	*60*	*60*
	0002	B1	1	DF	L	1	15.0	4	83	G	71	105		1 13	38		.919	.505	15.27	9.78	35	35	110	110
							BA = 20.00				T/A = 16.297			2 14	32	1	.919	.505	9.78	6.30	12	12	50	40

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	183	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
																					47	*47*	*160*	*150*
0123	0003	B1	1	DF	L	1	13.0	4	86	G	63	101		1 13	38		.919	.505	12.93	8.70	25	25	80	80
							BA = 20.00				T/A = 21.698			2 14	24		.919	.505	8.70	6.32	8	8	30	30
																					33	*33*	*110*	*110*
	0004	B1	1	DF	T	1	12.0	4	83	G	58	107		1 13	40	4	.919	.505	12.22	7.71	24	24	70	60
							BA = 20.00				T/A = 25.465			2 14	16	1	.919	.505	7.71	6.43	5	5	20	20
																					29	*29*	*90*	*80*
	0005	B1	1	DF	L	1	12.0	4	87	G	59	102		1 14	40		.919	.505	11.85	7.98	21	21	70	70
							BA = 20.00				T/A = 25.465			2 14	16		.919	.505	7.98	6.53	5	5	20	20
																					26	*26*	*90*	*90*
	0006	B1	1	DF	L	1	13.0	4	88	G	65	103		1 13	40		.919	.505	12.74	8.77	26	26	90	90
							BA = 20.00				T/A = 21.698			2 14	24		.919	.505	8.77	6.32	8	8	30	30
																					34	*34*	*120*	*120*
	0007	B1	1	DF	T	1	10.0	4	87	G	51	102		1 13	38		.919	.505	9.92	7.03	16	16	70	70
							BA = 20.00				T/A = 36.669			2 14	12		.919	.505	7.03	6.38	4	4	10	10
																					20	*20*	*80*	*80*
	0008	B1	1	SN		1	9.0	4	99	0	59	59					26.000	.500						
							BA = 20.00				T/A = 45.271													
	0009	B1	1	RA		1	10.0	4	87	G	54	108		1 13	38	1	.953	.545	10.31	7.39	18	18	70	70
							BA = 20.00				T/A = 36.669			2 14	14		.953	.545	7.39	6.67	4	4	20	20
																					22	*22*	*90*	*90*
	0010	B1	1	DF	T	1	12.0	4	86	G	59	103		1 13	40	1	.919	.505	11.94	7.92	21	21	70	70
							BA = 20.00				T/A = 25.465			2 14	16		.919	.505	7.92	6.53	5	5	20	20
																					26	*26*	*90*	*90*
PLOT							BA = 200.00				T/A = 299.96										6,456	6,456	23,424	23,006
0124	0001	B1	1	DF	L	6	12.9	4	88	G	57	91		1 xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34										*31*	*31*	*110*	*106*
	0002	B1	1	DF	T	2	10.9	4	87	G	41	1		1 xx	25						16	16	60	56
				Count			BA = 40.00				T/A = 62.237										*16*	*16*	*60*	*56*
PLOT							BA = 160.00				T/A = 193.58										5,043	5,043	18,169	17,351
0125	0001	B1	1	DF	L	1	15.0	4	88	G	69	98		1 13	40	1	.919	.505	14.68	9.99	34	34	120	110
							BA = 20.00				T/A = 16.297			2 14	28	1	.919	.505	9.99	6.27	11	11	30	30
																					45	*45*	*150*	*140*
	0002	B1	1	DF	T	1	8.0	4	87	G	20	37		1 14	16		.919	.505	7.67	6.25	5	5	20	20
							BA = 20.00				T/A = 57.296										*5*	*5*	*20*	*20*
	0003	B1	1	DF	L	1	16.0	4	88	G	66	90		1 13	40		.919	.505	15.62	10.35	39	39	150	150
							BA = 20.00				T/A = 14.324			2 14	24	1	.919	.505	10.35	6.43	11	11	30	30
																					50	*50*	*180*	*180*
	0004	B1	1	DF	T	1	10.0	4	89	G	47	94		1 13	30	1	.919	.505	9.73	7.42	13	13	50	50
							BA = 20.00				T/A = 36.669			2 14	16	1	.919	.505	7.42	6.36	5	5	20	20
																					18	*18*	*70*	*70*
	0005	B1	1	DF	L	1	12.0	4	86	G	52	89		1 13	30	1	.919	.505	11.89	8.42	18	18	60	50
							BA = 20.00				T/A = 25.465			2 14	20	1	.919	.505	8.42	6.43	7	7	20	20
																					25	*25*	*80*	*70*
	0006	B1	1	SN		1	9.0	4	99	0	65	65					26.000	.500						
							BA = 20.00				T/A = 45.271													
	0007	B1	1	DF	L	1	13.0	4	86	G	59	94		1 13	40	2	.919	.505	12.90	8.35	26	26	90	80
							BA = 20.00				T/A = 21.698			2 14	18		.919	.505	8.35	6.31	6	6	20	20
																					32	*32*	*110*	*100*
	0008	B1	1	DF	L	1	14.0	4	90	G	74	109		1 13	40	2	.919	.505	13.54	9.82	31	31	120	110
							BA = 20.00				T/A = 18.709			2 14	32	2	.919	.505	9.82	6.43	12	12	50	40
																					43	*43*	*170*	*150*
	0009	B1	1	DF	L	1	14.0	4	88	G	63	93		1 13	38	2	.919	.505	13.68	9.37	29	29	110	100
							BA = 20.00				T/A = 18.709			2 14	24	1	.919	.505	9.37	6.28	9	9	30	30
																					38	*38*	*140*	*130*
	0010	B1	1	DF	T	1	10.0	4	85	G	33	66		1 14	32	2	.919	.505	9.90	6.43	12	12	50	40
							BA = 20.00				T/A = 36.669										*12*	*12*	*50*	*40*

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	183	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
PLOT							BA = 200.00				T/A = 291.10										5,683	5,683	20,793	19,230
0126	0001	B1	1	DF	L	6	12.9	4	88	G	57	91		1 xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34										*31*	*31*	*110*	*106*
	0002	B1	1	DF	T	4	10.9	4	87	G	41	1		1 xx	25						16	16	60	56
				Count			BA = 80.00				T/A = 124.47										*16*	*16*	*60*	*56*
PLOT							BA = 200.00				T/A = 255.82										6,069	6,069	21,925	20,811
0127	0001	B1	1	DF	L	1	13.0	4	88	G	53	81		1 13	38	2	.919	.505	12.64	8.31	25	25	80	80
							BA = 20.00				T/A = 21.698			2 14	12	1	.919	.505	8.31	6.59	4	4	10	10
																					29	*29*	*90*	*90*
	0002	B1	1	DF	L	1	8.0	4	89	G	35	70		1 14	28		.919	.505	7.81	6.11	8	8	30	30
							BA = 20.00				T/A = 57.296										*8*	*8*	*30*	*30*
	0003	B1	1	DF	L	1	13.0	4	86	G	55	87		1 13	40		.919	.505	12.87	8.11	26	26	90	90
							BA = 20.00				T/A = 21.698			2 14	12		.919	.505	8.11	6.57	4	4	10	10
																					30	*30*	*100*	*100*
	0004	B1	1	DF	L	1	14.0	4	86	G	66	100		1 13	40		.919	.505	13.92	9.16	31	31	120	120
							BA = 20.00				T/A = 18.709			2 14	24		.919	.505	9.16	6.43	9	9	30	30
																					40	*40*	*150*	*150*
	0005	B1	1	DF	L	1	13.0	4	92	G	60	90		1 13	40		.919	.505	12.30	8.80	26	26	90	90
							BA = 20.00				T/A = 21.698			2 14	18		.919	.505	8.80	6.43	6	6	20	20
																					32	*32*	*110*	*110*
	0006	B1	1	DF	L	1	15.0	4	88	G	58	81		1 13	40	1	.919	.505	14.58	9.29	34	34	120	110
							BA = 20.00				T/A = 16.297			2 14	16		.919	.505	9.29	6.43	6	6	20	20
																					40	*40*	*140*	*130*
PLOT							BA = 120.00				T/A = 157.39										3,833	3,833	13,316	13,153
0128	0001	B1	1	DF	T	5	10.9	4	87	G	41	1		1 xx	25						16	16	60	56
				Count			BA = 100.00				T/A = 155.59										*16*	*16*	*60*	*56*
	0002	B1	1	DF	L	6	12.9	4	88	G	57	91		1 xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34										*31*	*31*	*110*	*106*
PLOT							BA = 220.00				T/A = 286.94										6,581	6,581	23,803	22,542
0129	0001	B1	1	DF	T	1	11.0	4	92	G	51	89		1 13	32		.919	.505	10.41	8.10	17	17	70	70
							BA = 20.00				T/A = 30.305			2 14	16		.919	.505	8.10	6.54	5	5	20	20
																					22	*22*	*90*	*90*
	0002	B1	1	DF	L	1	13.0	4	92	G	69	106		1 13	36	1	.919	.505	12.37	9.55	25	25	100	100
							BA = 20.00				T/A = 21.698			2 13	32		.919	.505	9.55	6.31	12	12	50	50
																					37	*37*	*150*	*150*
	0003	B1	1	DF	T	1	9.0	4	85	G	27	54		1 14	26	2	.919	.505	8.93	6.33	9	9	30	30
							BA = 20.00				T/A = 45.271										*9*	*9*	*30*	*30*
	0004	B1	1	DF	L	1	12.0	4	88	G	66	114		1 13	40	1	.919	.505	11.80	8.31	23	23	90	90
							BA = 20.00				T/A = 25.465			2 14	24		.919	.505	8.31	6.43	8	8	30	30
																					31	*31*	*120*	*120*
	0005	B1	1	SN		1	8.0	4	99	0	70	70					26.000	.500						
							BA = 20.00				T/A = 57.296													
	0006	B1	1	DF	L	1	12.0	4	88	G	66	114		1 13	40		.919	.505	11.80	8.31	23	23	90	90
							BA = 20.00				T/A = 25.465			2 14	24		.919	.505	8.31	6.43	8	8	30	30
																					31	*31*	*120*	*120*
	0007	B1	1	DF	L	1	14.0	4	83	G	71	112		1 13	38		.919	.505	14.27	9.24	32	32	110	110
							BA = 20.00				T/A = 18.709			2 13	32		.919	.505	9.24	6.32	12	12	50	50
																					44	*44*	*160*	*160*
	0008	B1	1	DF	L	1	16.0	4	89	G	76	104		1 13	38		.919	.505	15.57	11.15	40	40	170	170
							BA = 20.00				T/A = 14.324			2 13	36		.919	.505	11.15	6.43	18	18	60	60
																					58	*58*	*230*	*230*
	0009	B1	1	DF	T	1	11.0	4	91	G	57	104		1 13	38	1	.919	.505	10.54	7.83	18	18	70	70
							BA = 20.00				T/A = 30.305			2 14	16		.919	.505	7.83	6.52	5	5	20	20
																					23	*23*	*90*	*90*

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	183	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
0129	0010	B1	1	DF	T	1	11.0	4	91	G	53	95		1 13	40		.919	.505	10.51	7.50	19	19	70	70
							BA = 20.00				T/A = 30.305			2 14	12		.919	.505	7.50	6.33	4	4	10	10
																					23	*23*	*80*	*80*
	0011	B1	1	DF	L	1	13.0	4	91	G	65	100		1 13	40		.919	.505	12.44	8.99	26	26	90	90
							BA = 20.00				T/A = 21.698			2 14	24		.919	.505	8.99	6.30	8	8	30	30
																					34	*34*	*120*	*120*
PLOT							BA = 220.00				T/A = 320.84										7,242	7,242	27,495	27,495
0130	0001	B1	1	DF	L	6	12.9	4	88	G	57	91		1 xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34										*31*	*31*	*110*	*106*
	0002	B1	1	DF	T	3	10.9	4	87	G	41	1		1 xx	25						16	16	60	56
				Count			BA = 60.00				T/A = 93.355										*16*	*16*	*60*	*56*
PLOT							BA = 180.00				T/A = 224.70										5,556	5,556	20,047	19,081
0131	0001	B1	1	DF	T	1	11.0	4	85	G	54	108		1 13	36	1	.919	.505	11.05	7.52	19	19	60	60
							BA = 20.00				T/A = 30.305			2 14	16		.919	.505	7.52	6.43	5	5	20	20
																					24	*24*	*80*	*80*
	0002	B1	1	DF	L	1	19.0	4	88	G	70	89		1 13	40	1	.919	.505	18.54	12.23	56	56	200	190
							BA = 20.00				T/A = 10.158			2 14	28		.919	.505	12.23	6.43	15	15	30	30
																					71	*71*	*230*	*220*
	0003	B1	1	DF	T	1	12.0	4	88	G	50	83		1 13	32	1	.919	.505	11.68	8.31	19	19	70	60
							BA = 20.00				T/A = 25.465			2 14	16	1	.919	.505	8.31	6.43	5	5	20	20
																					24	*24*	*90*	*80*
	0004	B1	1	DF	L	1	12.0	4	88	G	58	98		1 13	40	1	.919	.505	11.75	8.00	21	21	70	70
							BA = 20.00				T/A = 25.465			2 14	16	1	.919	.505	8.00	6.43	5	5	20	20
																					26	*26*	*90*	*90*
	0005	B1	1	DF	L	1	13.0	4	90	G	62	95		1 13	40	1	.919	.505	12.52	8.77	26	26	90	90
							BA = 20.00				T/A = 21.698			2 14	20	1	.919	.505	8.77	6.43	7	7	20	20
																					33	*33*	*110*	*110*
	0006	B1	1	DF	L	1	12.0	4	86	G	56	97		1 13	38	3	.919	.505	11.92	7.94	20	20	70	60
							BA = 20.00				T/A = 25.465			2 14	16	1	.919	.505	7.94	6.43	5	5	20	20
																					25	*25*	*90*	*80*
	0007	B1	1	DF	T	1	8.0	4	87	G	28	56		1 14	20		.919	.505	7.84	6.14	6	6	20	20
							BA = 20.00				T/A = 57.296										*6*	*6*	*20*	*20*
	0008	B1	1	DF	L	1	14.0	4	90	G	67	98		1 13	40	8	.919	.505	13.50	9.53	31	31	120	90
							BA = 20.00				T/A = 18.709			2 14	26	1	.919	.505	9.53	6.29	10	10	30	30
																					41	*41*	*150*	*120*
	0009	B1	1	DF	T	1	11.0	4	89	H	52	104		1 13	34	2	.919	.505	10.77	8.20	18	18	70	70
							BA = 20.00				T/A = 30.305			2 14	16		.919	.505	8.20	7.35	6	6	30	30
																					24	*24*	*100*	*100*
	0010	B1	1	DF	T	1	10.0	4	87	G	32	64		1 14	30		.919	.505	9.68	6.55	11	11	40	40
							BA = 20.00				T/A = 36.669										*11*	*11*	*40*	*40*
	0011	B1	1	DF	T	1	11.0	4	88	G	46	84		1 14	28	1	.919	.505	10.71	7.98	14	14	50	40
							BA = 20.00				T/A = 30.305			2 14	16		.919	.505	7.98	6.43	5	5	20	20
																					19	*19*	*70*	*60*
	0012	B1	1	DF	L	1	13.0	4	87	G	61	97		1 13	40		.919	.505	12.82	8.52	26	26	90	90
							BA = 20.00				T/A = 21.698			2 14	20		.919	.505	8.52	6.31	7	7	20	20
																					33	*33*	*110*	*110*
	0013	B1	1	DF	T	1	10.0	4	88	G	34	68		1 14	26		.919	.505	9.64	7.15	11	11	40	40
							BA = 20.00				T/A = 36.669			2 00			.919	.505	7.15	7.15				
																					11	*11*	*40*	*40*
PLOT							BA = 260.00				T/A = 370.20										8,011	8,011	28,447	26,972
0132	0001	B1	1	WH		2	9.3	4	88	H	37	72		1 xx	31						13	13	52	52
				Count			BA = 40.00				T/A = 84.771										*13*	*13*	*52*	*52*
	0002	B1	1	DF	T	3	10.9	4	87	G	41	1		1 xx	25						16	16	60	56
				Count			BA = 60.00				T/A = 93.355										*16*	*16*	*60*	*56*
	0003	B1	1	DF	L	6	12.9	4	88	G	57	91		1 xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34										*31*	*31*	*110*	*106*

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	183	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
PLOT							BA = 220.00				T/A = 309.47										6,698	6,698	24,465	23,500
0133	0001	B1	1	DF	L	1	11.0	4	86	H	44	88		1 13	40	3	.919	.505	10.99	7.52	19	19	70	70
							BA = 20.00				T/A = 30.305										*19*	*19*	*70*	*70*
	0002	B1	1	DF	L	1	12.0	4	92	H	60	117		1 13	40	3	.919	.505	11.45	8.73	23	23	90	80
							BA = 20.00				T/A = 25.465			2 14	18		.919	.505	8.73	7.35	7	7	30	30
																					30	*30*	*120*	*110*
	0003	B1	1	DF	L	1	13.0	4	92	H	64	112		1 13	38	1	.919	.505	12.39	9.51	27	27	110	110
							BA = 20.00				T/A = 21.698			2 14	24	2	.919	.505	9.51	7.35	10	10	40	40
																					37	*37*	*150*	*150*
	0004	B1	1	DF	L	1	13.0	4	89	H	66	121		1 13	40	7	.919	.505	12.70	9.22	28	28	120	100
							BA = 20.00				T/A = 21.698			2 14	24		.919	.505	9.22	7.35	10	10	40	40
																					38	*38*	*160*	*140*
	0005	B1	1	DF	T	1	10.0	4	88	H	54	108		1 13	36		.919	.505	9.94	7.66	15	15	60	60
							BA = 20.00				T/A = 36.669			2 14	16		.919	.505	7.66	7.28	5	5	30	30
																					20	*20*	*90*	*90*
	0006	B1	1	DF	L	1	13.0	4	90	H	68	123		1 13	40		.919	.505	12.61	9.35	28	28	120	120
							BA = 20.00				T/A = 21.698			2 14	26	3	.919	.505	9.35	7.35	11	11	40	40
																					39	*39*	*160*	*160*
	0007	B1	1	DF	L	1	13.0	4	91	H	62	109		1 13	40		.919	.505	12.48	9.21	28	28	120	120
							BA = 20.00				T/A = 21.698			2 14	20		.919	.505	9.21	7.35	9	9	30	30
																					37	*37*	*150*	*150*
	0008	B1	1	DF	L	1	13.0	4	86	H	54	101		1 13	36		.919	.505	12.93	8.84	23	23	80	80
							BA = 20.00				T/A = 21.698			2 14	16		.919	.505	8.84	7.35	6	6	30	30
																					29	*29*	*110*	*110*
	0009	B1	1	DF	T	1	10.0	4	89	H	46	92		1 13	32	2	.919	.505	9.84	7.73	14	14	60	50
							BA = 20.00				T/A = 36.669			2 14	12		.919	.505	7.73	7.35	4	4	20	20
																					18	*18*	*80*	*70*
	0010	B1	1	DF	T	1	12.0	4	83	H	40	80		1 13	38	2	.919	.505	12.15	7.44	23	23	70	60
							BA = 20.00				T/A = 25.465										*23*	*23*	*70*	*60*
PLOT							BA = 200.00				T/A = 263.06										7,224	7,224	29,033	27,723
0134	0001	B1	1	DF	L	1	11.0	4	88	G	65	128		1 13	40	1	.919	.505	10.84	7.79	19	19	70	70
							BA = 20.00				T/A = 30.305			2 14	20		.919	.505	7.79	6.62	6	6	20	20
																					25	*25*	*90*	*90*
	0002	B1	1	DF	L	1	11.0	4	85	G	41	77		1 14	14	1	.919	.505	10.92	8.67	8	8	20	20
							BA = 20.00				T/A = 30.305			2 00	14		.919	.505	8.67	7.59				
														3 14	12	2	.919	.505	7.59	6.32	4	4	10	10
																					12	*12*	*30*	*30*
	0003	B1	1	DF	L	1	15.0	4	92	G	70	97		1 13	40	1	.919	.505	14.23	10.40	36	36	150	150
							BA = 20.00				T/A = 16.297			2 14	28	3	.919	.505	10.40	6.43	12	12	30	30
																					48	*48*	*180*	*180*
	0004	B1	1	DF	L	1	15.0	4	92	G	66	91		1 13	40	7	.919	.505	14.20	10.18	36	36	150	130
							BA = 20.00				T/A = 16.297			2 14	12	1	.919	.505	10.18	8.44	7	7	20	20
														3 14	12		.919	.505	8.44	6.24	4	4	10	10
																					47	*47*	*180*	*160*
	0005	B1	1	DF	L	1	14.0	4	89	G	74	110		1 13	40	2	.919	.505	13.65	9.73	31	31	120	110
							BA = 20.00				T/A = 18.709			2 13	32		.919	.505	9.73	6.43	12	12	50	50
																					43	*43*	*170*	*160*
	0006	B1	1	WH		1	9.0	4	89	H	31	62		1 14	30		.944	.532	8.98	6.81	10	10	40	40
							BA = 20.00				T/A = 45.271										*10*	*10*	*40*	*40*
	0007	B1	1	WH		1	10.0	4	87	G	34	68		1 14	30	1	.944	.532	10.01	6.92	13	13	40	40
							BA = 20.00				T/A = 36.669										*13*	*13*	*40*	*40*
	0008	B1	1	WH		1	11.0	4	88	G	46	82		1 13	28		.944	.532	11.01	8.21	17	17	50	50
							BA = 20.00				T/A = 30.305			2 14	16		.944	.532	8.21	6.61	5	5	20	20
																					22	*22*	*70*	*70*
	0009	B1	1	WH		1	8.0	4	88	G	38	76		1 13	36		.944	.532	8.11	6.01	12	12	60	60
							BA = 20.00				T/A = 57.296										*12*	*12*	*60*	*60*
PLOT							BA = 180.00				T/A = 281.45										5,758	5,758	21,521	21,008

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U1	00PC	114.00	35	183	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
0135	0001	B1	1	DF	L	6	12.9	4	88	G	57	91		1 xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34										*31*	*31*	*110*	*106*
	0002	B1	1	DF	T	5	10.9	4	87	G	41	1		1 xx	25						16	16	60	56
				Count			BA = 100.00				T/A = 155.59										*16*	*16*	*60*	*56*
PLOT							BA = 220.00				T/A = 286.94										6,581	6,581	23,803	22,542
0136	0001	B1	1	DF	L	6	12.9	4	88	G	57	91		1 xx	29						31	31	110	106
				Count			BA = 120.00				T/A = 131.34										*31*	*31*	*110*	*106*
	0002	B1	1	DF	T	1	10.9	4	87	G	41	1		1 xx	25						16	16	60	56
				Count			BA = 20.00				T/A = 31.118										*16*	*16*	*60*	*56*
	0003	B1	1	RA		4	11.2	4	87	H	40	74		1 xx	30						20	20	67	66
				Count			BA = 80.00				T/A = 116.50										*20*	*20*	*67*	*66*
PLOT							BA = 220.00				T/A = 278.97										6,856	6,856	24,118	23,284
TYPE							BA = 200.57				T/A = 259.31										6,075	6,075	21,914	20,870

T PLOGSTVB

Log Stock Table - MBF

T11S R10W S01 Ty00P 102.00

Project: AIW
Acres 102.00

Page 1
Date 6/15/2023
Time 4:17:41PM

Spp	S T	So Grt	Grde	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 24-2	30-3 40+
DF	L	DO	2M	16	11		11	.7				11		
DF	L	DO	2M	26	13		13	.8			13			
DF	L	DO	2M	40	135	3.7	130	7.6			110	20		
DF	L	DO	3M	30	35	5.9	33	1.9		17	17			
DF	L	DO	3M	32	32		32	1.9		25 6				
DF	L	DO	3M	34	34		34	2.0		34				
DF	L	DO	3M	36	90	2.4	88	5.2		29 25	34			
DF	L	DO	3M	38	130		129	7.6		25 70	16 18			
DF	L	DO	3M	40	1,057	1.2	1,044	61.2		96 131	650 167			
DF	L	DO	4M	12	1		1	.1		1				
DF	L	DO	4M	14	4	26.4	3	.2		3				
DF	L	DO	4M	16	27		27	1.6		21	6			
DF	L	DO	4M	18	8	11.4	7	.4		4 3				
DF	L	DO	4M	20	8		8	.4		8				
DF	L	DO	4M	24	52		52	3.0		52				
DF	L	DO	4M	26	13		13	.8		13				
DF	L	DO	4M	28	25		25	1.5		25				
DF	L	DO	4M	30	32		32	1.9		32				
DF	L	DO	4M	32	24	20.0	19	1.1		19				
DF	L	DO	4M	34	7	20.0	5	.3		5				
DF		Totals			1,738	1.8	1,707	71.5		393 252	706 325	31		
DF	T	DO	3M	20	13		13	2.0			13			
DF	T	DO	3M	24	29		29	4.6		13	16			
DF	T	DO	3M	28	15		15	2.3		15				
DF	T	DO	3M	30	13		13	2.0		13				
DF	T	DO	3M	32	54	9.7	49	7.7		9 26	14			
DF	T	DO	3M	34	67		67	10.6		18 49				
DF	T	DO	3M	36	33		33	5.3		14	19			
DF	T	DO	3M	38	34		34	5.5		18 17				
DF	T	DO	3M	40	259	4.6	247	39.3		66 116	65			
DF	T	DO	4M	12	17		17	2.7		10 7				
DF	T	DO	4M	16	40		40	6.3		40				
DF	T	DO	4M	18	10		10	1.5		10				
DF	T	DO	4M	20	24		24	3.8		24				
DF	T	DO	4M	24	5		5	.8		5				
DF	T	DO	4M	26	9		9	1.4		9				

T PLOGSTVB

Log Stock Table - MBF

T11S R10W S01 Ty00P 102.00

Project: **AIW**
Acres **102.00**

Page **2**
Date **6/15/2023**
Time **4:17:41PM**

Spp	ST	So Grt	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 24-2	30-3 40+
DF	T	DO	4M	30	26		26	4.2		26				
DF		Totals			645	2.7	628	26.3		233 268	127			
RA		DO	CR	24	3	33.3	2	8.5		2				
RA		DO	CR	34	7		7	35.8		7				
RA		DO	CR	40	13	14.3	12	55.7		12				
RA		Totals			24	11.9	21	.9		21				
BM		DO	CR	36	11	7.1	10	100.0			10			
BM		Totals			11	7.1	10	.4			10			
WH		DO	3M	32	17	14.3	15	100.0		15				
WH		Totals			17	14.3	15	.6		15				
CH		DO	CR	30	7		7	100.0		7				
CH		Totals			7		7	.3		7				
Total		All Species			2,442	2.2	2,388	100.0		654 535	843 325	31		

TC PSTATS

PROJECT STATISTICS

PROJECT AIW

DATE 6/15/2023

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
11S	10	01	U2	00PC	102.00	25	254	1	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	25	254	10.2		
CRUISE	14	123	8.8	19,020	.6
DBH COUNT					
REFOREST COUNT	11	124	11.3		
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
DF-L	82	97.4	15.7	66	32.9	130.4	17,040	16,736	4,725	4,725
DF-T	33	73.2	12.5	48	17.6	62.4	6,322	6,154	1,785	1,785
SNAG	1	7.2	9.0	41	1.1	3.2				
R ALDER	4	4.0	12.2	35	0.9	3.2	231	203	80	80
WHEMLOCK	1	2.4	11.0	45	0.5	1.6	170	145	41	41
BL MAPLE	1	.7	14.0	37	0.2	.8	105	97	25	25
CHERRY	1	1.5	10.0	38	0.3	.8	73	73	16	16
TOTAL	*123*	*186.5*	*14.1*	*57*	*53.9*	*202.4*	*23,941*	*23,410*	*6,673*	*6,673*

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
DF-L	32.5	3.6	182	189	196			
DF-T	52.8	9.2	89	98	107			
SNAG								
R ALDER	40.0	22.9	39	50	61			
WHEMLOCK								
BL MAPLE								
CHERRY								
TOTAL	*47.9*	*4.3*	*149*	*156*	*163*	*92*	*23*	*10*

CL 68.1	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DF-L	31.7	3.5	52	53	55			
DF-T	47.4	8.2	26	28	31			
SNAG								
R ALDER	29.2	16.7	17	20	24			
WHEMLOCK								
BL MAPLE								
CHERRY								
TOTAL	*45.9*	*4.1*	*43*	*44*	*46*	*84*	*21*	*9*

CL 68.1	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DF-L	14.7	3.0	94	97	100			
DF-T	75.0	15.3	62	73	84			
SNAG	295.4	60.2	3	7	12			
R ALDER	500.0	102.0		4	8			
WHEMLOCK	346.1	70.6	1	2	4			
BL MAPLE	500.0	102.0		1	2			
CHERRY	500.0	102.0		1	3			
TOTAL	*29.9*	*6.1*	*175*	*186*	*198*	*37*	*9*	*4*

PROJECT STATISTICS

PROJECT AIW

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
11S	10	01	U2	00PC	102.00	25	254	1	W

CL 68.1	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DF-L	7.8	1.6	128	130	132			
DF-T	75.3	15.4	53	62	72			
SNAG	295.4	60.2	1	3	5			
R ALDER	500.0	102.0		3	6			
WHEMLOCK	346.1	70.6	0	2	3			
BL MAPLE	500.0	102.0		1	2			
CHERRY	500.0	102.0		1	2			
TOTAL	*22.2*	*4.5*	*193*	*202*	*212*	*20*	*5*	*2*

CL 68.1	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DF-L	11.3	2.3	16,352	16,736	17,121			
DF-T	77.6	15.8	5,180	6,154	7,129			
SNAG								
R ALDER	500.0	102.0		203	411			
WHEMLOCK	346.1	70.6	43	145	248			
BL MAPLE	500.0	102.0		97	196			
CHERRY	500.0	102.0		73	148			
TOTAL	*20.5*	*4.2*	*22,433*	*23,410*	*24,387*	*17*	*4*	*2*

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
DF-L	9.7	2.0	4,632	4,725	4,819			
DF-T	77.2	15.7	1,504	1,785	2,066			
SNAG								
R ALDER	500.0	102.0		80	162			
WHEMLOCK	346.1	70.6	12	41	70			
BL MAPLE	500.0	102.0		25	50			
CHERRY	500.0	102.0		16	33			
TOTAL	*20.4*	*4.2*	*6,396*	*6,673*	*6,950*	*17*	*4*	*2*

T PSPCSTGR

Species, Sort Grade - Board Foot Volumes (Project)

T11S R10W S01 Ty00P 102.00

Project: **AIW**

Acres **102.00**

Page **1**
Date **6/15/2023**
Time **4:17:42PM**

Spp	S T	So Gr rt 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	L	DO 2M	9	3.2	1,564	1,515	154			100		7	9		84	35	13	192	1.52	7.9
DF	L	DO 3M	79	1.3	13,513	13,338	1,360		85	15			2	5	93	38	9	118	0.84	113.1
DF	L	DO 4M	12	4.0	1,963	1,884	192		100			24	63	13		24	6	30	0.43	63.2
DF	**Totals**		71	1.8	17,040	16,736	1,707		79	21		3	10	5	81	33	8	91	0.77	184.2
DF	T	DO 3M	79	3.3	5,050	4,882	498		100			3	11	23	63	35	8	81	0.65	60.6
DF	T	DO 4M	21		1,272	1,272	130		100			69	31			18	6	23	0.40	54.4
DF	**Totals**		26	2.7	6,322	6,154	628		100			16	15	18	50	27	7	54	0.57	115.0
RA		DO CR	100	11.9	231	203	21		100				9	36	56	35	7	51	0.58	4.0
RA	**Totals**		1	11.9	231	203	21		100				9	36	56	35	7	51	0.58	4.0
BM		DO CR	100	7.1	105	97	10		100						100	36	10	130	0.92	.7
BM	**Totals**		0	7.1	105	97	10		100						100	36	10	130	0.92	.7
WH		DO 3M	100	14.3	170	145	15		100					100		32	8	60	0.53	2.4
WH	**Totals**		1	14.3	170	145	15		100					100		32	8	60	0.53	2.4
CH		DO CR	100		73	73	7		100				100			30	7	50	0.37	1.5
CH	**Totals**		0		73	73	7		100				100			30	7	50	0.37	1.5
Totals				2.2	23,941	23,410	2,388		85	15		7	11	10	72	31	8	76	0.70	307.8

T PSTNDSUM

Stand Table Summary

Page 1
Date: 6/15/2023

T11S R10W S01 Ty00P 102.00

Project AIW
Acres 102.00

Time: 4:17:40PM
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	L	10	1	82	74	2.916	1.59	2.92	16.0	60.0		47	175		48	18
DF	L	11	3	87	88	7.229	4.77	9.64	14.2	50.0		137	482		140	49
DF	L	12	2	88	102	4.050	3.18	8.10	13.5	47.5		109	385		112	39
DF	L	13	3	86	91	5.176	4.77	8.63	18.0	58.0		155	500		158	51
DF	L	14	4	88	90	5.950	6.36	10.41	20.9	71.4		217	744		222	76
DF	L	15	15	88	94	19.438	23.85	38.88	22.3	80.7		867	3,136		884	320
DF	L	16	17	89	95	19.362	27.03	38.72	25.8	93.8		1,000	3,633		1,020	371
DF	L	17	14	89	98	14.124	22.26	29.26	28.8	104.1		843	3,047		860	311
DF	L	18	14	88	98	12.599	22.26	26.10	32.9	115.9		858	3,024		876	308
DF	L	19	5	88	94	4.038	7.95	6.46	42.4	143.8		274	929		279	95
DF	L	21	3	87	80	1.983	4.77	3.97	39.0	115.0		155	456		158	47
DF	L	23	1	87	99	.551	1.59	1.10	56.5	205.0		62	226		64	23
DF	L	Totals	82	88	94	97.415	130.40	184.18	25.7	90.9		4,725	16,736		4,820	1,707
DF	T	8	1	86	17	5.417	1.89	5.42	4.0	10.0		22	54		22	6
DF	T	10	3	88	81	10.401	5.67	10.40	14.3	53.3		149	555		152	57
DF	T	11	4	86	67	11.461	7.56	14.33	12.2	42.0		175	602		178	61
DF	T	12	5	86	79	12.038	9.45	21.67	11.0	36.7		238	795		243	81
DF	T	13	6	87	82	12.309	11.35	18.46	17.4	56.7		322	1,046		329	107
DF	T	14	4	88	86	7.075	7.56	14.15	17.2	63.8		244	902		249	92
DF	T	15	6	89	93	9.245	11.35	20.03	20.5	73.8		411	1,479		420	151
DF	T	16	3	88	74	4.063	5.67	8.13	20.2	66.7		164	542		167	55
DF	T	17	1	85	90	1.200	1.89	2.40	25.0	75.0		60	180		61	18
DF	T	Totals	33	87	76	73.208	62.40	114.98	15.5	53.5		1,785	6,154		1,821	628
RA		11	1	86	68	1.212	.80	1.21	18.0	60.0		22	73		22	7
RA		12	1	87	75	1.019	.80	1.02	24.0	60.0		24	61		25	6
RA		13	2	86	49	1.736	1.60	1.74	19.5	40.0		34	69		35	7
RA		Totals	4	86	61	3.967	3.20	3.97	20.2	51.2		80	203		82	21
WH		11	1	92	75	2.424	1.60	2.42	17.0	60.0		41	145		42	15
WH		Totals	1	92	75	2.424	1.60	2.42	17.0	60.0		41	145		42	15
BM		14	1	87	74	.748	.80	.75	33.0	130.0		25	97		25	10
BM		Totals	1	87	74	.748	.80	.75	33.0	130.0		25	97		25	10
CH		10	1	86	76	1.467	.80	1.47	11.0	50.0		16	73		16	7
CH		Totals	1	86	76	1.467	.80	1.47	11.0	50.0		16	73		16	7
SN		9	1	83	41	7.243	3.20									
SN		Totals	1	83	41	7.243	3.20									
Totals			123	87	83	186.473	202.40	307.76	21.7	76.1		6,673	23,410		6,806	2,388

TREE SEGMENT VOLUMES

Project: AIW

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U2	00PC	102.00	25	123	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S	SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
0201	0001	B1	1	DF	L	1	16.0	4	88	G	53	71		1	13	36		.919	.505	15.46	9.92	33	33	100	100
							BA = 20.00				T/A = 14.324			2	14	16		.919	.505	9.92	6.16	6	6	20	20
																						39	*39*	*120*	*120*
	0002	B1	1	DF	L	1	15.0	4	88	G	55	76		1	13	38	1	.919	.505	14.54	9.32	32	32	110	110
							BA = 20.00				T/A = 16.297			2	14	16		.919	.505	9.32	6.21	6	6	20	20
																						38	*38*	*130*	*130*
	0003	B1	1	DF	T	1	14.0	4	86	G	51	75		1	13	24		.919	.505	13.77	10.16	20	20	90	90
							BA = 20.00				T/A = 18.709			2	00	6		.919	.505	10.16	9.47				
														3	14	18	1	.919	.505	9.47	6.62	7	7	20	20
																						27	*27*	*110*	*110*
	0004	B1	1	DF	T	1	16.0	4	87	G	54	73		1	13	36		.919	.505	15.60	9.93	33	33	100	100
							BA = 20.00				T/A = 14.324			2	14	16		.919	.505	9.93	6.43	6	6	20	20
																						39	*39*	*120*	*120*
	0005	B1	1	DF	L	1	16.0	4	88	G	55	74		1	13	38		.919	.505	15.49	9.77	35	35	110	110
							BA = 20.00				T/A = 14.324			2	14	16		.919	.505	9.77	6.18	6	6	20	20
																						41	*41*	*130*	*130*
	0006	B1	1	DF	T	1	14.0	4	90	G	61	88		1	13	40		.919	.505	13.45	9.20	31	31	120	120
							BA = 20.00				T/A = 18.709			2	14	20	1	.919	.505	9.20	6.27	8	8	20	20
																						39	*39*	*140*	*140*
	0007	B1	1	DF	L	1	18.0	4	89	G	70	90		1	13	40		.919	.505	17.44	11.79	49	49	180	180
							BA = 20.00				T/A = 11.318			2	14	28		.919	.505	11.79	6.43	14	14	30	30
																						63	*63*	*210*	*210*
	0008	B1	1	DF	L	1	15.0	4	88	G	63	89		1	13	38	1	.919	.505	14.63	9.89	32	32	110	110
							BA = 20.00				T/A = 16.297			2	14	24		.919	.505	9.89	6.25	9	9	30	30
																						41	*41*	*140*	*140*
	0009	B1	1	DF	L	1	16.0	4	88	G	65	88		1	13	40	1	.919	.505	15.61	10.29	39	39	150	150
							BA = 20.00				T/A = 14.324			2	14	24		.919	.505	10.29	6.23	11	11	30	30
																						50	*50*	*180*	*180*
	0010	B1	1	DF	T	1	13.0	4	87	G	46	70		1	13	40		.919	.505	12.65	7.29	24	24	70	70
							BA = 20.00				T/A = 21.698											*24*	*24*	*70*	*70*
PLOT							BA = 200.00				T/A = 160.32											6,177	6,177	20,851	20,851
0202	0001	B1	1	DF	T	2	12.5	4	88	G	48	76		1	xx	28						24	24	86	84
				Count			BA = 40.00				T/A = 46.928											*24*	*24*	*86*	*84*
	0002	B1	1	DF	L	7	15.7	4	89	G	66	94		1	xx	34						49	49	175	172
				Count			BA = 140.00				T/A = 104.58											*49*	*49*	*175*	*172*
PLOT							BA = 180.00				T/A = 151.51											6,218	6,218	22,348	21,913
0203	0001	B1	1	DF	T	1	10.0	4	88	G	41	82		1	13	40		.919	.505	9.76	6.43	15	15	60	60
							BA = 20.00				T/A = 36.669											*15*	*15*	*60*	*60*
	0002	B1	1	DF	T	1	13.0	4	90	G	57	87		1	13	40		.919	.505	12.48	8.48	26	26	90	90
							BA = 20.00				T/A = 21.698			2	14	16		.919	.505	8.48	6.28	5	5	20	20
																						31	*31*	*110*	*110*
	0003	B1	1	DF	T	1	15.0	4	88	G	66	93		1	13	40		.919	.505	14.66	9.83	34	34	120	120
							BA = 20.00				T/A = 16.297			2	14	24		.919	.505	9.83	6.43	9	9	30	30
																						43	*43*	*150*	*150*
	0004	B1	1	DF	T	1	15.0	4	88	G	62	87		1	13	40	1	.919	.505	14.62	9.59	34	34	120	110
							BA = 20.00				T/A = 16.297			2	14	20	2	.919	.505	9.59	6.43	8	8	20	20
																						42	*42*	*140*	*130*
	0005	B1	1	DF	L	1	18.0	4	91	G	73	94		1	13	40		.919	.505	17.19	12.21	52	52	200	200
							BA = 20.00				T/A = 11.318			2	13	32		.919	.505	12.21	6.19	17	17	50	50
																						69	*69*	*250*	*250*
	0006	B1	1	DF	L	1	18.0	4	88	G	77	100		1	13	40	1	.919	.505	17.63	12.06	52	52	200	190
							BA = 20.00				T/A = 11.318			2	13	36		.919	.505	12.06	6.22	20	20	60	60
																						72	*72*	*260*	*250*
	0007	B1	1	DF	T	1	13.0	4	90	G	56	85		1	13	38		.919	.505	12.47	8.64	25	25	80	80
							BA = 20.00				T/A = 21.698			2	14	16		.919	.505	8.64	6.43	5	5	20	20
																						30	*30*	*100*	*100*
	0008	B1	1	DF	T	1	13.0	4	87	G	44	66		1	13	40		.919	.505	12.61	7.00	22	22	60	60
							BA = 20.00				T/A = 21.698											*22*	*22*	*60*	*60*

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U2	00PC	102.00	25	123	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S	SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
0203	0009	B1	1	DF	L	1	16.0	4	89	G	79	109		1	13	40		.919	.505	15.59	11.08	42	42	180	180
							BA = 20.00				T/A = 14.324			2	13	38		.919	.505	11.08	6.27	18	18	60	60
																						60	*60*	*240*	*240*
	0010	B1	1	DF	L	1	16.0	4	88	G	77	106		1	13	40		.919	.505	15.70	10.89	39	39	150	150
							BA = 20.00				T/A = 14.324			2	13	36	2	.919	.505	10.89	6.27	16	16	60	50
																						55	*55*	*210*	*200*
	0011	B1	1	DF	T	1	12.0	4	86	G	52	89		1	13	34		.919	.505	11.89	8.09	20	20	70	70
							BA = 20.00				T/A = 25.465			2	14	16		.919	.505	8.09	6.43	5	5	20	20
																						25	*25*	*90*	*90*
	0012	B1	1	DF	L	1	18.0	4	88	H	83	116		1	13	40	1	.919	.505	17.70	12.51	52	52	200	190
							BA = 20.00				T/A = 11.318			2	13	40		.919	.505	12.51	7.51	24	24	70	70
																						76	*76*	*270*	*260*
	0013	B1	1	DF	L	1	19.0	4	92	I	63	87		1	13	38	1	.919	.505	17.96	13.02	53	53	230	220
							BA = 20.00				T/A = 10.158											*53*	*53*	*230*	*220*
PLOT							BA = 260.00				T/A = 232.58											9,014	9,014	32,687	32,052
0204	0001	B1	1	DF	L	7	15.7	4	89	G	66	94		1	xx	34						49	49	175	172
				Count			BA = 140.00				T/A = 104.58											*49*	*49*	*175*	*172*
	0002	B1	1	DF	T	6	12.5	4	88	G	48	76		1	xx	28						24	24	86	84
				Count			BA = 120.00				T/A = 140.78											*24*	*24*	*86*	*84*
PLOT							BA = 260.00				T/A = 245.37											8,507	8,507	30,453	29,804
0205	0001	B1	1	DF	L	1	11.0	4	89	G	45	81		1	13	40		.919	.505	10.61	6.87	17	17	60	60
							BA = 20.00				T/A = 30.305											*17*	*17*	*60*	*60*
	0002	B1	1	DF	L	1	14.0	4	91	G	66	96		1	13	40		.919	.505	13.38	9.56	31	31	120	120
							BA = 20.00				T/A = 18.709			2	14	24	1	.919	.505	9.56	6.43	9	9	30	30
																						40	*40*	*150*	*150*
	0003	B1	1	DF	L	1	19.0	4	91	G	80	101		1	13	40		.919	.505	18.19	13.19	59	59	240	240
							BA = 20.00				T/A = 10.158											*59*	*59*	*240*	*240*
	0004	B1	1	DF	L	1	18.0	4	92	G	75	96		1	13	40		.919	.505	17.07	12.44	52	52	200	200
							BA = 20.00				T/A = 11.318			2	13	34		.919	.505	12.44	6.19	19	19	50	50
																						71	*71*	*250*	*250*
	0005	B1	1	DF	L	1	11.0	4	89	G	44	78		1	13	40		.919	.505	10.60	6.78	17	17	60	60
							BA = 20.00				T/A = 30.305											*17*	*17*	*60*	*60*
	0006	B1	1	DF	L	1	15.0	4	88	G	65	92		1	13	40		.919	.505	14.65	9.78	34	34	120	120
							BA = 20.00				T/A = 16.297			2	14	24	1	.919	.505	9.78	6.26	9	9	30	30
																						43	*43*	*150*	*150*
PLOT							BA = 120.00				T/A = 117.09											3,882	3,882	14,155	14,155
0206	0001	B1	1	DF	L	7	15.7	4	89	G	66	94		1	xx	34						49	49	175	172
				Count			BA = 140.00				T/A = 104.58											*49*	*49*	*175*	*172*
	0002	B1	1	SN		2	9.0	4	84	0	41	41		1	xx										
				Count			BA = 40.00				T/A = 90.542														
PLOT							BA = 180.00				T/A = 195.12											5,073	5,073	18,295	17,968
0207	0001	B1	1	DF	T	1	11.0	4	86	G	31	52		1	14	30		.919	.505	10.58	6.43	13	13	40	40
							BA = 20.00				T/A = 30.305											*13*	*13*	*40*	*40*
	0002	B1	1	DF	L	1	17.0	4	88	G	70	93		1	13	40		.919	.505	16.61	11.13	46	46	180	180
							BA = 20.00				T/A = 12.688			2	14	28		.919	.505	11.13	6.43	14	14	30	30
																						60	*60*	*210*	*210*
	0003	B1	1	DF	T	1	12.0	4	87	G	64	112		1	14	12		.919	.505	11.88	9.79	8	8	30	30
							BA = 20.00				T/A = 25.465			2	00	30		.919	.505	9.79	8.04				
														3	14	20		.919	.505	8.04	6.43	7	7	20	20
																						15	*15*	*50*	*50*
	0004	B1	1	DF	L	1	13.0	4	87	G	63	100		1	13	38		.919	.505	12.83	8.78	25	25	80	80

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U2	00PC	102.00	25	123	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
							BA = 20.00				T/A = 21.698			2 14	24		.919	.505	8.78	6.32	8	8	30	30
																					33	*33*	*110*	*110*
0207	0005	B1	1	DF	L	1	13.0	4	86	G	62	100		1 13	40		.919	.505	12.93	8.50	26	26	90	90
							BA = 20.00				T/A = 21.698			2 14	20		.919	.505	8.50	6.43	7	7	20	20
																					33	*33*	*110*	*110*
	0006	B1	1	DF	L	1	12.0	4	89	G	62	105		1 13	40	1	.919	.505	11.68	8.23	23	23	90	90
							BA = 20.00				T/A = 25.465			2 14	20	1	.919	.505	8.23	6.43	7	7	20	20
																					30	*30*	*110*	*110*
	0007	B1	1	DF	L	1	17.0	4	87	G	66	88		1 13	40	1	.919	.505	16.71	10.77	43	43	150	150
							BA = 20.00				T/A = 12.688			2 14	24	1	.919	.505	10.77	6.43	11	11	30	30
																					54	*54*	*180*	*180*
	0008	B1	1	DF	L	1	15.0	4	87	G	54	75		1 13	36	1	.919	.505	14.65	9.46	30	30	100	100
							BA = 20.00				T/A = 16.297			2 14	16		.919	.505	9.46	6.43	6	6	20	20
																					36	*36*	*120*	*120*
	0009	B1	1	DF	T	1	13.0	4	88	G	52	80		1 13	34	1	.919	.505	12.63	8.70	22	22	70	70
							BA = 20.00				T/A = 21.698										*22*	*22*	*70*	*70*
PLOT							BA = 180.00				T/A = 188.00										5,482	5,482	18,483	18,483
0208	0001	B1	1	DF	T	1	12.5	4	88	G	48	76		1 xx	28						24	24	86	84
				Count			BA = 20.00				T/A = 23.464										*24*	*24*	*86*	*84*
	0002	B1	1	DF	L	7	15.7	4	89	G	66	94		1 xx	34						49	49	175	172
				Count			BA = 140.00				T/A = 104.58										*49*	*49*	*175*	*172*
PLOT							BA = 160.00				T/A = 128.05										5,646	5,646	20,321	19,941
0209	0001	B1	1	DF	L	1	16.0	4	91	G	82	112		1 13	40	1	.919	.505	15.37	11.40	42	42	180	180
							BA = 20.00				T/A = 14.324			2 13	40		.919	.505	11.40	6.43	19	19	60	60
																					61	*61*	*240*	*240*
	0002	B1	1	DF	T	1	11.0	4	88	G	56	107		1 13	28		.919	.505	10.80	8.22	15	15	50	50
							BA = 20.00				T/A = 30.305			2 14	16		.919	.505	8.22	7.17	6	6	30	30
																					21	*21*	*80*	*80*
	0003	B1	1	DF	L	1	15.0	4	89	G	70	99		1 13	40		.919	.505	14.58	10.13	36	36	150	150
							BA = 20.00				T/A = 16.297			2 14	28	1	.919	.505	10.13	6.43	12	12	30	30
																					48	*48*	*180*	*180*
	0004	B1	1	DF	L	1	15.0	4	87	G	71	102		1 13	40	1	.919	.505	14.81	9.98	34	34	120	110
							BA = 20.00				T/A = 16.297			2 14	30		.919	.505	9.98	6.28	11	11	40	40
																					45	*45*	*160*	*150*
	0005	B1	1	DF	T	1	14.0	4	90	G	74	109		1 13	40		.919	.505	13.54	9.82	31	31	120	120
							BA = 20.00				T/A = 18.709			2 13	32		.919	.505	9.82	6.43	12	12	50	50
																					43	*43*	*170*	*170*
	0006	B1	1	DF	L	1	17.0	4	89	G	84	112		1 13	40		.919	.505	16.58	11.86	46	46	180	180
							BA = 20.00				T/A = 12.688			2 13	40		.919	.505	11.86	6.77	19	19	60	60
																					65	*65*	*240*	*240*
	0007	B1	1	DF	L	1	14.0	4	89	G	70	104		1 13	40		.919	.505	13.62	9.58	31	31	120	120
							BA = 20.00				T/A = 18.709			2 14	28		.919	.505	9.58	6.43	11	11	30	30
																					42	*42*	*150*	*150*
	0008	B1	1	DF	T	1	10.0	4	89	G	45	90		1 13	40	5	.919	.505	9.71	6.72	15	15	60	50
							BA = 20.00				T/A = 36.669										*15*	*15*	*60*	*50*
	0009	B1	1	DF	L	1	17.0	4	92	G	90	119		1 13	40		.919	.505	16.23	12.42	49	49	200	200
							BA = 20.00				T/A = 12.688			2 14	16		.919	.505	12.42	10.75	12	12	60	60
																					61	*61*	*260*	*260*
PLOT							BA = 180.00				T/A = 176.68										6,765	6,765	25,934	25,405
0210	0001	B1	1	DF	L	6	15.7	4	89	G	66	94		1 xx	34						49	49	175	172
				Count			BA = 120.00				T/A = 89.646										*49*	*49*	*175*	*172*
	0002	B1	1	DF	T	6	12.5	4	88	G	48	76		1 xx	28						24	24	86	84
				Count			BA = 120.00				T/A = 140.78										*24*	*24*	*86*	*84*
PLOT							BA = 240.00				T/A = 230.43										7,782	7,782	27,840	27,237
0211	0001	B1	1	DF	T	1	8.0	4	87	G	13	17		1 14	12		.919	.505	7.67	6.64	4	4	10	10

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U2	00PC	102.00	25	123	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
							BA = 20.00				T/A = 57.296										*4*	*4*	*10*	*10*
0211	0002	B1	1	DF	L	1	16.0	4	88	G	69	94		1 13	40	1	.919	.505	15.64	10.52	39	39	150	150
							BA = 20.00				T/A = 14.324			2 14	28		.919	.505	10.52	6.25	12	12	30	30
																					51	*51*	*180*	*180*
	0003	B1	1	DF	T	1	14.0	4	86	G	48	70		1 13	30	1	.919	.505	13.73	9.29	23	23	70	70
							BA = 20.00				T/A = 18.709			2 14	16		.919	.505	9.29	6.43	6	6	20	20
																					29	*29*	*90*	*90*
	0004	B1	1	DF	L	1	15.0	4	90	G	67	94		1 13	40	1	.919	.505	14.44	10.06	36	36	150	150
							BA = 20.00				T/A = 16.297			2 14	26		.919	.505	10.06	6.26	11	11	30	30
																					47	*47*	*180*	*180*
	0005	B1	1	DF	L	1	12.0	4	88	G	58	98		1 13	30	1	.919	.505	11.75	8.75	18	18	60	50
							BA = 20.00				T/A = 25.465			2 14	16		.919	.505	8.75	7.40	6	6	30	30
																					24	*24*	*90*	*80*
	0006	B1	1	DF	L	1	16.0	4	89	G	73	100		1 13	40	1	.919	.505	15.55	10.83	39	39	150	150
							BA = 20.00				T/A = 14.324			2 13	32		.919	.505	10.83	6.25	14	14	50	50
																					53	*53*	*200*	*200*
	0007	B1	1	DF	L	1	18.0	4	90	G	76	98		1 13	40		.919	.505	17.35	12.25	52	52	200	200
							BA = 20.00				T/A = 11.318			2 13	34	1	.919	.505	12.25	6.43	19	19	50	50
																					71	*71*	*250*	*250*
	0008	B1	1	DF	L	1	16.0	4	90	G	68	92		1 13	40	1	.919	.505	15.39	10.66	39	39	150	150
							BA = 20.00				T/A = 14.324			2 14	26	2	.919	.505	10.66	6.43	11	11	30	30
																					50	*50*	*180*	*180*
PLOT							BA = 160.00				T/A = 172.05										5,158	5,158	18,333	18,078
0212	0001	B1	1	DF	L	7	15.7	4	89	G	66	94		1 xx	34						49	49	175	172
				Count			BA = 140.00				T/A = 104.58										*49*	*49*	*175*	*172*
	0002	B1	1	BM		1	14.0	4	87	N	37	74		1 1K	36	1	.953	.545	14.43	10.45	33	33	140	130
							BA = 20.00				T/A = 18.709										*33*	*33*	*140*	*130*
PLOT							BA = 160.00				T/A = 123.29										5,691	5,691	20,914	20,401
0213	0001	B1	1	DF	L	1	17.0	4	92	G	85	112		1 13	40	1	.919	.505	16.20	12.26	49	49	200	190
							BA = 20.00				T/A = 12.688			2 13	30		.919	.505	12.26	8.55	20	20	60	60
														3 14	12		.919	.505	8.55	6.43	4	4	10	10
																					73	*73*	*270*	*260*
	0002	B1	1	DF	L	1	16.0	4	92	G	82	111		1 13	40	1	.919	.505	15.25	11.51	42	42	180	180
							BA = 20.00				T/A = 14.324			2 13	40		.919	.505	11.51	6.43	19	19	60	60
																					61	*61*	*240*	*240*
	0003	B1	1	DF	T	1	15.0	4	92	G	88	124		1 13	40		.919	.505	14.33	11.05	39	39	180	180
							BA = 20.00				T/A = 16.297			2 13	32		.919	.505	11.05	8.10	19	19	70	70
														3 14	12		.919	.505	8.10	6.56	4	4	10	10
																					62	*62*	*260*	*260*
	0004	B1	1	DF	L	1	17.0	4	90	G	82	109		1 13	40	1	.919	.505	16.44	11.91	46	46	180	180
							BA = 20.00				T/A = 12.688			2 13	40		.919	.505	11.91	6.43	19	19	60	60
																					65	*65*	*240*	*240*
	0005	B1	1	DF	L	1	18.0	4	92	G	88	114		1 12	40	1	.919	.505	17.16	13.01	55	55	240	240
							BA = 20.00				T/A = 11.318			2 13	32		.919	.505	13.01	8.87	23	23	70	70
														3 14	14		.919	.505	8.87	6.24	5	5	20	20
																					83	*83*	*330*	*330*
	0006	B1	1	DF	L	1	15.0	4	92	G	75	105		1 13	40	2	.919	.505	14.27	10.63	36	36	150	140
							BA = 20.00				T/A = 16.297			2 14	32	1	.919	.505	10.63	6.59	14	14	50	40
																					50	*50*	*200*	*180*
	0007	B1	1	DF	L	1	18.0	4	87	G	76	100		1 13	40	1	.919	.505	17.76	11.90	49	49	180	180
							BA = 20.00				T/A = 11.318			2 13	32		.919	.505	11.90	6.84	16	16	50	50
																					65	*65*	*230*	*230*
	0008	B1	1	DF	T	1	15.0	4	92	G	66	91		1 13	40	2	.919	.505	14.20	10.18	36	36	150	140
							BA = 20.00				T/A = 16.297			2 14	20	1	.919	.505	10.18	7.16	10	10	30	30
																					46	*46*	*180*	*170*
PLOT							BA = 160.00				T/A = 111.22										6,875	6,875	26,677	26,061
0214	0001	B1	1	DF	L	1	17.0	4	88	G	76	102		1 13	40	1	.919	.505	16.66	11.43	46	46	180	180
							BA = 20.00				T/A = 12.688			2 13	34		.919	.505	11.43	6.43	17	17	50	50
																					63	*63*	*230*	*230*

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U2	00PC	102.00	25	123	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
0214	0002	B1	1	DF	L	1	15.0	4	89	G	72	102		1 13	40		.919	.505	14.59	10.21	36	36	150	150
							BA = 20.00				T/A = 16.297			2 14	30	1	.919	.505	10.21	6.43	13	13	40	40
																					49	*49*	*190*	*190*
	0003	B1	1	DF	T	1	12.0	4	88	G	52	87		1 13	34		.919	.505	11.70	8.22	20	20	70	70
							BA = 20.00				T/A = 25.465			2 14	16		.919	.505	8.22	6.43	5	5	20	20
																					25	*25*	*90*	*90*
	0004	B1	1	DF	L	1	15.0	4	88	G	70	100		1 13	36		.919	.505	14.69	10.42	33	33	140	140
							BA = 20.00				T/A = 16.297			2 14	34	3	.919	.505	10.42	6.12	15	15	50	40
																					48	*48*	*190*	*180*
	0005	B1	1	DF	L	1	18.0	4	90	G	71	91		1 13	30		.919	.505	17.31	13.27	42	42	180	180
							BA = 20.00				T/A = 11.318			2 00	8		.919	.505	13.27	12.24				
														3 14	18	4	.919	.505	12.24	9.21	13	13	40	30
														4 00	12		.919	.505	9.21	6.67				
																					55	*55*	*220*	*210*
	0006	B1	1	DF	L	1	17.0	4	91	G	79	104		1 13	40	1	.919	.505	16.29	11.91	46	46	180	180
							BA = 20.00				T/A = 12.688			2 13	38		.919	.505	11.91	6.24	18	18	60	60
																					64	*64*	*240*	*240*
	0007	B1	1	DF	L	1	18.0	4	90	G	79	102		1 13	40	1	.919	.505	17.38	12.40	52	52	200	190
							BA = 20.00				T/A = 11.318			2 13	38		.919	.505	12.40	6.22	21	21	60	60
																					73	*73*	*260*	*250*
	0008	B1	1	DF	T	1	10.0	4	88	G	36	72		1 13	34		.919	.505	9.68	6.53	13	13	50	50
							BA = 20.00				T/A = 36.669										*13*	*13*	*50*	*50*
	0009	B1	1	DF	L	1	17.0	4	91	G	80	106		1 13	40		.919	.505	16.30	11.95	46	46	180	180
							BA = 20.00				T/A = 12.688			2 13	38	1	.919	.505	11.95	6.43	18	18	60	60
																					64	*64*	*240*	*240*
PLOT							BA = 180.00				T/A = 155.43										6,566	6,566	24,760	24,370
0215	0001	B1	1	DF	L	7	15.7	4	89	G	66	94		1 xx	34						49	49	175	172
				Count			BA = 140.00				T/A = 104.58										*49*	*49*	*175*	*172*
	0002	B1	1	DF	T	6	12.5	4	88	G	48	76		1 xx	28						24	24	86	84
				Count			BA = 120.00				T/A = 140.78										*24*	*24*	*86*	*84*
PLOT							BA = 260.00				T/A = 245.37										8,507	8,507	30,453	29,804
0216	0001	B1	1	DF	L	6	15.7	4	89	G	66	94		1 xx	34						49	49	175	172
				Count			BA = 120.00				T/A = 89.646										*49*	*49*	*175*	*172*
	0002	B1	1	DF	T	7	12.5	4	88	G	48	76		1 xx	28						24	24	86	84
				Count			BA = 140.00				T/A = 164.24										*24*	*24*	*86*	*84*
The below entry did not match on species, status or dbh																								
	0003	B1	1	WH	L	1																		
PLOT							BA = 260.00				T/A = 253.89										8,354	8,354	29,866	29,209
0217	0001	B1	1	DF	L	1	10.0	4	83	G	37	74		1 13	36		.919	.505	10.14	6.43	16	16	60	60
							BA = 20.00				T/A = 36.669										*16*	*16*	*60*	*60*
	0002	B1	1	DF	L	1	16.0	4	86	G	65	90		1 13	40	1	.919	.505	15.85	10.10	39	39	150	150
							BA = 20.00				T/A = 14.324			2 14	24		.919	.505	10.10	6.24	11	11	30	30
																					50	*50*	*180*	*180*
	0003	B1	1	DF	L	1	15.0	4	88	G	64	90		1 13	40	5	.919	.505	14.64	9.72	34	34	120	100
							BA = 20.00				T/A = 16.297			2 14	24		.919	.505	9.72	6.07	9	9	30	30
																					43	*43*	*150*	*130*
	0004	B1	1	DF	L	1	14.0	4	86	H	44	71		1 13	40	1	.919	.505	13.74	7.87	26	26	70	70
							BA = 20.00				T/A = 18.709										*26*	*26*	*70*	*70*
	0005	B1	1	DF	L	1	17.0	4	89	G	70	93		1 13	36	3	.919	.505	16.48	11.73	41	41	160	150
							BA = 20.00				T/A = 12.688			2 14	32	1	.919	.505	11.73	6.43	16	16	50	40
																					57	*57*	*210*	*190*
	0006	B1	1	DF	T	1	17.0	4	85	G	67	90		1 13	40	8	.919	.505	16.98	10.63	43	43	150	120
							BA = 20.00				T/A = 12.688			2 00	6		.919	.505	10.63	9.83				
														3 14	16		.919	.505	9.83	7.03	7	7	30	30

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U2	00PC	102.00	25	123	4/1/2023	1	W

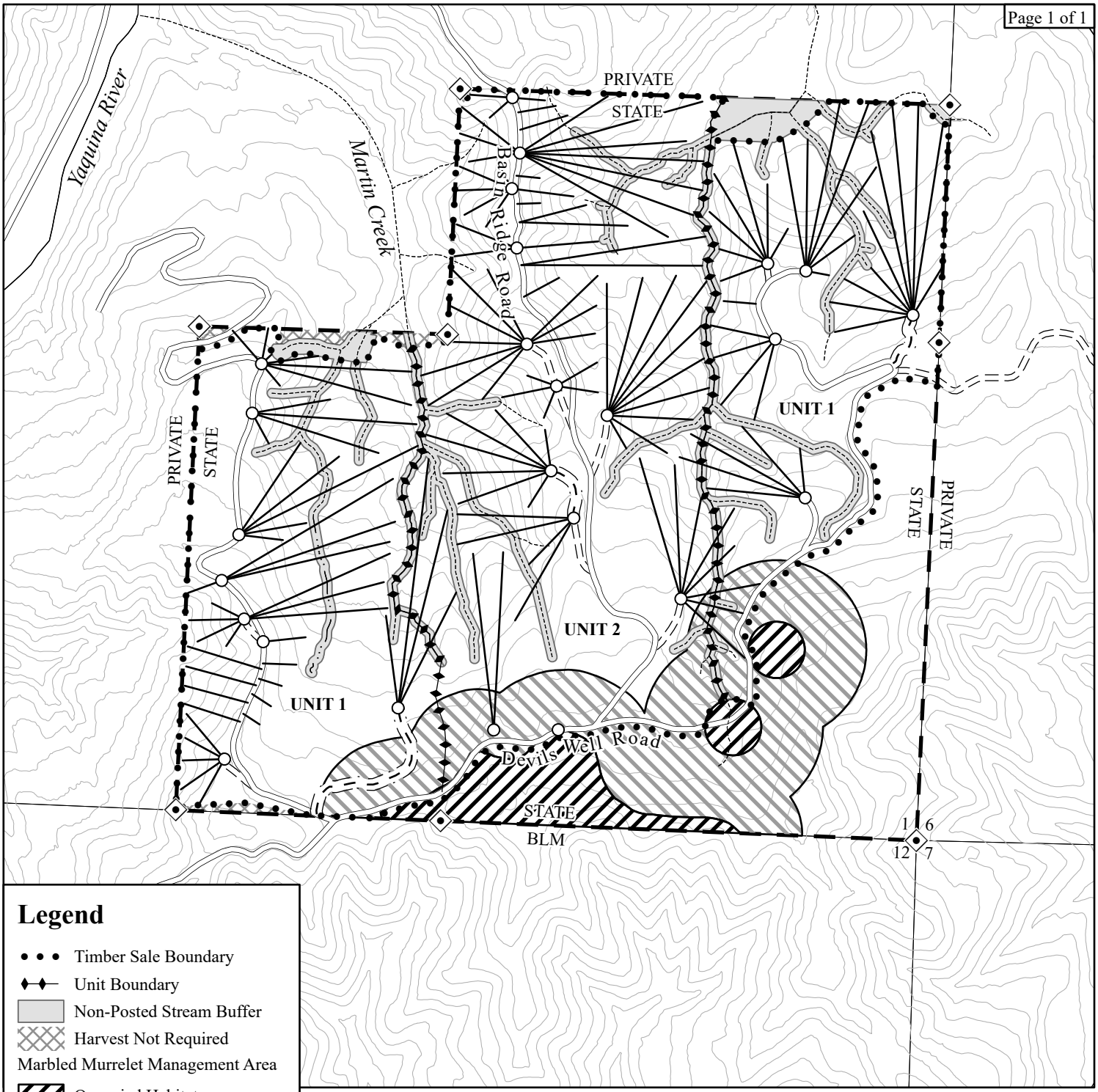
Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
																					50	*50*	*180*	*150*
0217	0007	B1	1	SN		1	9.0	4	84	0	41	41					26.000	.500						
							BA = 20.00				T/A = 45.271													
	0008	B1	1	DF	L	1	18.0	4	86	G	64	83		1 13	38		.919	.505	17.79	11.33	47	47	170	170
							BA = 20.00				T/A = 11.318			2 14	24	2	.919	.505	11.33	6.43	12	12	30	30
																					59	*59*	*200*	*200*
	0009	B1	1	DF	L	1	14.0	4	89	G	60	87		1 13	40	1	.919	.505	13.55	9.06	31	31	120	110
							BA = 20.00				T/A = 18.709			2 14	18		.919	.505	9.06	6.43	7	7	20	20
																					38	*38*	*140*	*130*
	0010	B1	1	RA		1	13.0	4	87	H	23	30		1 1K	24	5	.953	.545	12.93	6.27	13	13	30	20
							BA = 20.00				T/A = 21.698										*13*	*13*	*30*	*20*
	0011	B1	1	RA		1	13.0	4	87	H	41	68		1 1K	40	4	.953	.545	13.14	7.62	26	26	70	60
							BA = 20.00				T/A = 21.698										*26*	*26*	*70*	*60*
	0012	B1	1	RA		1	12.0	4	87	H	40	75		1 1K	40	4	.953	.545	12.19	7.50	24	24	70	60
							BA = 20.00				T/A = 25.465										*24*	*24*	*70*	*60*
	0013	B1	1	RA		1	11.0	4	87	H	34	68		1 1K	34	1	.953	.545	11.17	7.52	18	18	60	60
							BA = 20.00				T/A = 30.305										*18*	*18*	*60*	*60*
PLOT							BA = 260.00				T/A = 285.83										7,229	7,229	24,135	22,299
0218	0001	B1	1	DF	L	1	15.0	4	89	G	71	101		1 13	40	1	.919	.505	14.58	10.17	36	36	150	150
							BA = 20.00				T/A = 16.297			2 14	30		.919	.505	10.17	6.27	13	13	40	40
																					49	*49*	*190*	*190*
	0002	B1	1	DF	L	1	17.0	4	91	G	62	80		1 12	16	1	.919	.505	16.14	14.11	22	22	110	110
							BA = 20.00				T/A = 12.688			2 13	40	3	.919	.505	14.11	7.44	29	29	70	70
																					51	*51*	*180*	*180*
	0003	B1	1	DF	T	1	12.0	4	80	G	23	32		1 14	20	1	.919	.505	11.76	7.24	11	11	30	30
							BA = 20.00				T/A = 25.465										*11*	*11*	*30*	*30*
	0004	B1	1	WH		1	11.0	4	92	G	45	75		1 13	32	2	.944	.532	10.66	8.05	17	17	70	60
							BA = 20.00				T/A = 30.305			2 00	12		.944	.532	8.05	6.61				
																					17	*17*	*70*	*60*
	0005	B1	1	DF	L	1	18.0	4	84	G	74	98		1 13	40	1	.919	.505	18.16	11.44	53	53	180	180
							BA = 20.00				T/A = 11.318			2 13	32		.919	.505	11.44	6.43	16	16	50	50
																					69	*69*	*230*	*230*
	0006	B1	1	DF	T	1	15.0	4	86	G	59	84		1 13	20	1	.919	.505	14.83	11.41	20	20	80	80
							BA = 20.00				T/A = 16.297			2 00	6		.919	.505	11.41	10.83				
														3 14	30	1	.919	.505	10.83	6.62	13	13	40	40
																					33	*33*	*120*	*120*
	0007	B1	1	DF	L	1	21.0	4	88	4	68	85		1 12	40	1	.919	.505	20.45	13.26	67	67	240	240
							BA = 20.00				T/A = 8.315			2 14	26		.919	.505	13.26	6.79	16	16	30	30
																					83	*83*	*270*	*270*
	0008	B1	1	DF	L	1	16.0	4	90	G	74	101		1 13	40		.919	.505	15.44	10.98	39	39	150	150
							BA = 20.00				T/A = 14.324			2 13	32		.919	.505	10.98	6.43	14	14	50	50
																					53	*53*	*200*	*200*
	0009	B1	1	DF	T	1	16.0	4	87	G	61	83		1 13	36		.919	.505	15.69	10.46	36	36	140	140
							BA = 20.00				T/A = 14.324			2 00	6		.919	.505	10.46	9.62				
														3 14	18		.919	.505	9.62	6.22	7	7	20	20
																					43	*43*	*160*	*160*
	0010	B1	1	DF	T	1	12.0	4	89	G	46	74		1 13	32	1	.919	.505	11.53	8.15	19	19	70	60
							BA = 20.00				T/A = 25.465			2 14	12		.919	.505	8.15	6.43	4	4	10	10
																					23	*23*	*80*	*70*
	0011	B1	1	DF	L	1	19.0	4	85	4	76	95		1 12	40	3	.919	.505	19.01	12.11	60	60	200	180
							BA = 20.00				T/A = 10.158			2 14	32	1	.919	.505	12.11	6.41	17	17	50	40
																					77	*77*	*250*	*220*
	0012	B1	1	DF	L	1	19.0	4	85	4	76	95		1 12	40	1	.919	.505	19.01	12.11	60	60	200	190
							BA = 20.00				T/A = 10.158			2 14	32	1	.919	.505	12.11	6.41	17	17	50	40
																					77	*77*	*250*	*230*
	0013	B1	1	DF	T	1	13.0	4	86	G	64	103		1 13	24		.919	.505	12.94	9.72	17	17	60	60
							BA = 20.00				T/A = 21.698			2 00	7		.919	.505	9.72	9.25				
														3 14	30		.919	.505	9.25	6.54	11	11	40	40

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U2	00PC	102.00	25	123	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
																					28	*28*	*100*	*100*
PLOT							BA = 260.00				T/A = 216.81										8,382	8,382	29,512	28,446
0219	0001	B1	1	DF	L	7	15.7	4	89	G	66	94		1 xx	34						49	49	175	172
				Count			BA = 140.00				T/A = 104.58										*49*	*49*	*175*	*172*
	0002	B1	1	DF	T	6	12.5	4	88	G	48	76		1 xx	28						24	24	86	84
				Count			BA = 120.00				T/A = 140.78										*24*	*24*	*86*	*84*
PLOT							BA = 260.00				T/A = 245.37										8,507	8,507	30,453	29,804
0220	0001	B1	1	DF	L	1	21.0	4	87	4	60	74		1 12	40	2	.919	.505	20.49	12.26	64	64	200	190
							BA = 20.00				T/A = 8.315			2 14	18	1	.919	.505	12.26	6.72	10	10	20	20
																					74	*74*	*220*	*210*
	0002	B1	1	DF	L	1	15.0	4	92	G	67	92		1 13	40	1	.919	.505	14.21	10.24	36	36	150	150
							BA = 20.00				T/A = 16.297			2 14	24		.919	.505	10.24	6.62	11	11	30	30
																					47	*47*	*180*	*180*
	0003	B1	1	DF	L	1	23.0	4	87	4	79	99		1 12	40	1	.919	.505	22.69	15.19	83	83	360	350
							BA = 20.00				T/A = 6.932			2 13	40	2	.919	.505	15.19	6.48	30	30	60	60
																					113	*113*	*420*	*410*
	0004	B1	1	DF	L	1	19.0	4	90	4	74	93		1 12	40		.919	.505	18.28	12.70	56	56	200	200
							BA = 20.00				T/A = 10.158			2 14	32	2	.919	.505	12.70	6.29	17	17	50	40
																					73	*73*	*250*	*240*
	0005	B1	1	DF	L	1	16.0	4	92	G	70	94		1 13	40		.919	.505	15.16	10.98	39	39	150	150
							BA = 20.00				T/A = 14.324			2 14	28	1	.919	.505	10.98	6.43	12	12	30	30
																					51	*51*	*180*	*180*
	0006	B1	1	DF	L	1	13.0	4	87	G	48	73		1 13	40	3	.919	.505	12.68	7.54	24	24	70	70
							BA = 20.00				T/A = 21.698			2 00	7		.919	.505	7.54	6.43				
																					24	*24*	*70*	*70*
PLOT							BA = 120.00				T/A = 77.724										4,157	4,157	14,311	14,057
0221	0001	B1	1	DF	L	7	15.7	4	89	G	66	94		1 xx	34						49	49	175	172
				Count			BA = 140.00				T/A = 104.58										*49*	*49*	*175*	*172*
	0002	B1	1	DF	T	2	12.5	4	88	G	48	76		1 xx	28						24	24	86	84
				Count			BA = 40.00				T/A = 46.928										*24*	*24*	*86*	*84*
PLOT							BA = 180.00				T/A = 151.51										6,218	6,218	22,348	21,913
0222	0001	B1	1	DF	L	1	17.0	4	87	G	58	76		1 13	40	1	.919	.505	16.61	10.09	43	43	150	150
							BA = 20.00				T/A = 12.688			2 00	1		.919	.505	10.09	9.91				
														3 14	14	3	.919	.505	9.91	6.69	5	5	20	10
																					48	*48*	*170*	*160*
	0002	B1	1	DF	L	1	18.0	4	87	G	71	93		1 13	40	1	.919	.505	17.72	11.62	49	49	180	180
							BA = 20.00				T/A = 11.318			2 14	30	1	.919	.505	11.62	6.20	15	15	40	40
																					64	*64*	*220*	*220*
	0003	B1	1	DF	L	1	16.0	4	90	G	70	95		1 13	40		.919	.505	15.41	10.78	39	39	150	150
							BA = 20.00				T/A = 14.324			2 14	28		.919	.505	10.78	6.43	12	12	30	30
																					51	*51*	*180*	*180*
	0004	B1	1	DF	T	1	16.0	4	92	G	50	65		1 13	32	3	.919	.505	15.10	10.73	32	32	120	100
							BA = 20.00				T/A = 14.324			2 14	16	1	.919	.505	10.73	6.43	7	7	20	20
																					39	*39*	*140*	*120*
	0005	B1	1	DF	L	1	17.0	4	92	G	75	98		1 13	40	2	.919	.505	16.14	11.83	46	46	180	170
							BA = 20.00				T/A = 12.688			2 13	34	1	.919	.505	11.83	6.22	17	17	50	50
																					63	*63*	*230*	*220*
	0006	B1	1	DF	L	1	21.0	4	87	4	65	81		1 12	40	4	.919	.505	20.57	12.84	64	64	200	180
							BA = 20.00				T/A = 8.315			2 14	24	2	.919	.505	12.84	6.38	13	13	30	30
																					77	*77*	*230*	*210*
	0007	B1	1	DF	T	1	15.0	4	90	G	59	81		1 13	40	1	.919	.505	14.36	9.53	34	34	120	110
							BA = 20.00				T/A = 16.297			2 14	18	1	.919	.505	9.53	6.22	7	7	20	20
																					41	*41*	*140*	*130*
	0008	B1	1	DF	L	1	17.0	4	90	G	61	79		1 12	26		.919	.505	16.26	12.75	32	32	130	130
							BA = 20.00				T/A = 12.688			2 00	4		.919	.505	12.75	12.20				
														3 14	30	1	.919	.505	12.20	6.17	16	16	40	40
																					48	*48*	*170*	*170*

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CRUISED DATE	CuFt	BdFt
11S	10W	01	U2	00PC	102.00	25	123	4/1/2023	1	W

Plot	Tree No.	PF	A	Spc	S	C T	DBH	FF	FF	T D	Bole Hgt	Tot. Hg	PRDVT	S SG	Len	FIFI	Bark	Ao	Dia Butt	Dia Top	Gross CuFt	Net CuFt	Gross BdFt	Net BdFt
PLOT							BA = 160.00				T/A = 102.64										5,339	5,339	18,500	17,631
0223	0001	B1	1	DF	L	7	15.7	4	89	G	66	94		1 xx	34						49	49	175	172
				Count			BA = 140.00				T/A = 104.58										*49*	*49*	*175*	*172*
	0002	B1	1	SN		1	9.0	4	84	0	41	41		1 xx										
				Count			BA = 20.00				T/A = 45.271													
	0003	B1	1	DF	T	3	12.5	4	88	G	48	76		1 xx	28						24	24	86	84
				Count			BA = 60.00				T/A = 70.392										*24*	*24*	*86*	*84*
PLOT							BA = 220.00				T/A = 220.25										6,790	6,790	24,374	23,886
0224	0001	B1	1	DF	L	1	18.0	4	89	G	71	92		1 13	40		.919	.505	17.45	11.85	49	49	180	180
							BA = 20.00				T/A = 11.318			2 14	30	1	.919	.505	11.85	6.19	15	15	40	40
																					64	*64*	*220*	*220*
	0002	B1	1	DF	L	1	11.0	4	85	G	52	104		1 13	34	1	.919	.505	11.03	7.58	18	18	60	60
							BA = 20.00				T/A = 30.305			2 14	16		.919	.505	7.58	6.43	5	5	20	20
																					23	*23*	*80*	*80*
	0003	B1	1	DF	L	1	16.0	4	90	G	71	96		1 13	40	1	.919	.505	15.41	10.83	39	39	150	150
							BA = 20.00				T/A = 14.324			2 14	30		.919	.505	10.83	6.24	13	13	40	40
																					52	*52*	*190*	*190*
	0004	B1	1	DF	L	1	15.0	4	90	G	66	92		1 13	40	1	.919	.505	14.43	10.01	36	36	150	150
							BA = 20.00				T/A = 16.297			2 14	24		.919	.505	10.01	6.43	11	11	30	30
																					47	*47*	*180*	*180*
	0005	B1	1	DF	L	1	16.0	4	87	G	65	89		1 13	40	1	.919	.505	15.73	10.19	39	39	150	150
							BA = 20.00				T/A = 14.324			2 14	24	2	.919	.505	10.19	6.24	11	11	30	30
																					50	*50*	*180*	*180*
	0006	B1	1	DF	T	1	11.0	4	85	G	27	43		1 14	26	4	.919	.505	10.61	6.43	11	11	30	30
							BA = 20.00				T/A = 30.305										*11*	*11*	*30*	*30*
	0007	B1	1	DF	L	1	16.0	4	88	G	67	91		1 13	40	2	.919	.505	15.63	10.41	39	39	150	140
							BA = 20.00				T/A = 14.324			2 14	26	1	.919	.505	10.41	6.24	11	11	30	30
																					50	*50*	*180*	*170*
	0008	B1	1	CH		1	10.0	4	87	H	38	76		1 00	7		.940	.545	10.17	8.94				
							BA = 20.00				T/A = 36.669			2 1K	30		.940	.545	8.94	7.36	11	11	50	50
																					11	*11*	*50*	*50*
	0009	B1	1	DF	L	1	15.0	4	89	G	68	96		1 00	4		.919	.505	14.56	13.78				
							BA = 20.00				T/A = 16.297			2 13	38		.919	.505	13.78	9.81	29	29	110	110
														3 14	24		.919	.505	9.81	6.43	9	9	30	30
																					38	*38*	*140*	*140*
	0010	B1	1	DF	T	1	11.0	4	89	G	39	67		1 13	38	1	.919	.505	10.51	6.43	16	16	60	60
							BA = 20.00				T/A = 30.305										*16*	*16*	*60*	*60*
PLOT							BA = 200.00				T/A = 214.47										6,205	6,205	22,569	22,425
0225	0001	B1	1	DF	L	6	15.7	4	89	G	66	94		1 xx	34						49	49	175	172
				Count			BA = 120.00				T/A = 89.646										*49*	*49*	*175*	*172*
	0002	B1	1	WH		1	11.0	4	92	G	45	75		1 xx	32						17	17	70	60
				Count			BA = 20.00				T/A = 30.305										*17*	*17*	*70*	*60*
	0003	B1	1	DF	T	6	12.5	4	88	G	48	76		1 xx	28						24	24	86	84
				Count			BA = 120.00				T/A = 140.78										*24*	*24*	*86*	*84*
PLOT							BA = 260.00				T/A = 260.73										8,297	8,297	29,961	29,055
TYPE							BA = 202.40				T/A = 186.47										6,673	6,673	23,941	23,410



Legend

- Timber Sale Boundary
- Unit Boundary
- Non-Posted Stream Buffer
- Harvest Not Required
- Marbled Murrelet Management Area
- Occupied Habitat
- Non-Habitat Buffer
- Ownership
- Surfaced Road
- Unsurfaced Road
- New Construction
- Right-of-Way (Posted)
- Type F Stream
- Type N Stream
- Unknown Stream
- Cable Corridor
- Land Survey Monument
- Landing

LOGGING PLAN

OF TIMBER SALE CONTRACT NO. WO-341-2024-W00990-01
ALL IS WELL THIN
PORTIONS OF SECTION 1, T11S, R10W, W.M.,
LINCOLN COUNTY, OREGON

UNIT	NET CABLE ACRES	NET GROUND ACRES
1 (PC)	74	40
2 (PC)	76	26
TOTAL	150	66

This product is for informational use and may not have been prepared for or be suitable for legal, engineering or survey purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of this information.

1:9,000

0 500 1,000 2,000 Feet

N W E S

06/27/2023