

## **District: Forest Grove**

## Date: January 29, 2024

## **Cost Summary**

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$1,868,045.20	\$14,080.96	\$1,882,126.16
		Project Work:	(\$281,212.00)
		Advertised Value:	\$1,600,914.16



## **District: Forest Grove**

## Date: January 29, 2024

## **Timber Description**

#### Location:

### Stand Stocking: 20%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	20	0	98
Alder (Red)	15	0	95
Maple	15	0	95

Volume by Grade	2S	3S & 4S 6"- 11"	Camprun	Total
Douglas - Fir	3,372	1,192	0	4,564
Alder (Red)	0	0	152	152
Maple	0	0	112	112
Total	3,372	1,192	264	4,828

Comments: LOCAL POND VALUES, DECEMBER 2023

WESTERN HEMLOCK AND OTHER HEMLOCKS: STUMPAGE PRICE = POND VALUE - DOUG-FIR LOGGING COST \$197.28 = \$531.00 - \$333.72

WESTERN REDCEDAR AND OTHER CEDARS: STUMPAGE PRICE = POND VALUE - DOUG-FIR LOGGING COST \$927.28 = \$1,261.00 - \$333.72

BRANDING AND PAINTING ALLOWANCE = \$2.00/MBF

FUEL COST ALLOWANCE = \$5.00/GAL

HAULING COST ALLOWANCE = \$1,250/DAY

OTHER COSTS (WITH PROFIT & RISK ADDED):

INTERMEDIATE SUPPORTS: 6 @ \$500/SUPPORT = \$3,000

TOTAL OTHER COSTS (PROFIT & RISK) = \$3,000

OTHER COSTS (NO PROFIT & RISK ADDED):

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

MACHINE TIME TO BLOCK/WATERBAR ROADS AND SKID TRAILS: 30 HOURS X \$150/HOUR = \$4,500

MACHINE FIRE TRAILING: 6 STATIONS @ \$175/STATION = \$1,050

STIMSON ROAD MAINTENANCE & ROCKWEAR FEE: \$102,573.15

TOTAL OTHER COSTS (NO P&R) = \$111,123.15

SLASH TREATMENT: 2 ACRES x \$250/ACRE = \$500

ROAD MAINTENANCE (INCLUDES SPOT ROCKING, GRADING, & ROLLING): MOVE IN: \$6,027.35 GENERAL ROAD MAINT: 23.10 miles X \$2,241.14 = \$51,770.33 TOTAL ROAD MAINTENANCE: \$57,797.68 / 4,828 MBF = \$11.97/MBF



**District: Forest Grove** 

## Date: January 29, 2024

	Lo	gging Conditions
Combination#: 1	Douglas - Fir Alder (Red) Maple	100.00% 100.00% 100.00%
Logging System:	Cable: Large Tower >=70	Process: Harvester Head Delimbing
yarding distance: tree size:	Long (1,500 ft) Mature / Regen Cut (900 Bft/tree), 3-	<b>downhill yarding:</b> No -5 logs/MBF
loads / day:	17	<b>bd. ft / load:</b> 4600
cost / mbf:	\$109.71	
machines:	Log Loader (A) Forwarder Harvester Tower Yarder (Large)	
Combination#: 2		
Logging System:	Shovel	Process: Harvester Head Delimbing
yarding distance: tree size:	Short (400 ft) Mature / Regen Cut (900 Bft/tree), 3-	<b>downhill yarding:</b> No -5 logs/MBF
loads / day:	22	<b>bd. ft / load:</b> 4600
cost / mbf:	\$98.81	
machines:	Forwarder Harvester	



## **District: Forest Grove**

## Date: January 29, 2024

Logging Costs			
Operating Seasons: 2.00	Profit Risk: 20%		
Project Costs: \$281,212.00	Other Costs (P/R): \$3,000.00		
Slash Disposal: \$500.00	Other Costs: \$111,123.15		

Miles of Road		Road Maintenance:	\$11.97
Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	0.0	0.0	0.0

## Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	2.0	4.8
Alder (Red)	\$0.00	2.0	3.0
Maple	\$0.00	4.0	3.0



## **District: Forest Grove**

## Date: January 29, 2024

## Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas -	Fir								
\$109.71	\$12.21	\$1.82	\$132.81	\$0.62	\$51.43	\$0.10	\$2.00	\$23.02	\$333.72
Alder (Red	l)								
\$109.71	\$12.57	\$1.82	\$218.75	\$0.62	\$68.69	\$0.10	\$2.00	\$23.02	\$437.28
Maple									
\$109.71	\$12.57	\$1.82	\$109.38	\$0.62	\$46.82	\$0.10	\$2.00	\$23.02	\$306.04

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$743.02	\$409.30	\$0.00
Alder (Red)	\$0.00	\$499.00	\$61.72	\$0.00
Maple	\$0.00	\$348.00	\$41.96	\$0.00



## **District: Forest Grove**

## Date: January 29, 2024

## Summary

Amortized

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

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	4,564	\$409.30	\$1,868,045.20
Alder (Red)	152	\$61.72	\$9,381.44
Maple	112	\$41.96	\$4,699.52

Gross Timber Sale Value				
Reco	<b>very:</b> \$1,882,126.16			
Prepared By: Adrian Torres	Phone:	503-357-2191		

#### TIMBER SALE SUMMARY Trifecta #FG-341-2024-W01023-01

- 1. <u>Location</u>: Portions of Sections 27, 28, and 34, T1N, R5W, W.M., Washington County, Oregon.
- 2. <u>Type of Sale</u>: This timber sale is 95 net acres of Modified Clearcut. The timber will be sold on a recovery basis at a sealed bid auction.
- 3. <u>Revenue Distribution</u>: 100% BOF; 100% Washington County.
- 4. <u>Sale Acreage</u>: Acres are net of Stream Buffers and road prisms. Acreage was determined using ESRI ArcGIS Pro software.
- 5. <u>Cruise</u>: The timber sale was cruised by ODF Cruisers in September of 2023. For more information, see Cruise Report.
- 6. <u>Timber Description</u>: The Timber Sale Area consists of a well-stocked, 78-year-old stand of Douglas-fir with minor components of red alder and bigleaf maple. These timber stands have an average of 238 ft<sup>2</sup> of basal area, an average Douglas-fir DBH of 20 inches. The estimated average net Douglas-fir volume is approximately 48.2 MBF per acre.
- 7. <u>Topography and Logging Method</u>: Slopes within the Timber Sale Area range from 5% to 80%, with a mainly eastern aspect in Unit 1 and northern aspect in Unit 2 and Unit 3. Unit 1 is 4% ground-based Yarding and 96% cable-based Yarding. Unit 2 is 100% cable-based Yarding. Unit 3 is 4% ground-based Yarding and 96% cable-based Yarding. The average corridor length is approximately 840 feet and the maximum is approximately 2360 feet. The average horizontal skid trail length is approximately 50 feet and the maximum is approximately 150 feet.
- 8. <u>Access</u>: All access to the Timber Sale Area is on surfaced roads. From Forest Grove travel south on Highway 47 to its intersection with SW Scoggins Valley Road. Proceed west onto SW Scoggins Valley Road for approximately 1.6 miles to Lee County Road. Turn left and continue 0.4 miles to the Stimson Mainline. Turn right and continue approximately 7.5 miles to Sain Creek Spur. Turn right and continue for 4.7 miles to Baseline Road. Turn right and continue for 0.1 miles to an unnamed spur road. Turn left and continue for 1.4 miles to Unit 2. Continue on the unnamed spur road for 0.6 miles to Unit 3. From the Baseline Road and Sain Creek Spur junction continue west on Baseline Road for 0.7 miles to STIMML8.93A4 spur road. Continue on STIMML8.93A4 spur road for 1.6 miles to unnamed spur road. Turn right and continue for 0.2 miles to Unit 1. There are gates along this route that will require a key which can be obtained from the Forest Grove District Office.

#### 9. Projects:

Project No. 1: Rocked Road Construction		\$94,143.26
Project No. 2: Road Improvement		\$187,068.74
Total Credit for all Projects	\$281,212.00	

#### **PROJECT COST SUMMARY SHEET**

Timber Sale: Sale Number:	Trife FG-341-2024		
PROJECT NO. 1: ROCKED ROAD CONSTRUC	TION		
-	Road Segment	Length	Cost
	B to C E to F	21+50 12+00	\$57,841.62 \$33,135.90
-	E to F	21+50 stations	φ33,133.90
Total Rock =		0.41 miles	
Total Rock =	2,999 cy	3" - 0	
		Move-in =	\$3,165.74
		TOTAL PROJECT COST =	\$94,143.26
PROJECT NO. 2: ROAD IMPROVEMENT, SUF	RFACE ROCK REPL	ACEMENT AND MAINTENA	NCE
	Road Segment	Length	Cost
-	A to B	87+50	\$111,415.61
_	D to E	95+50	\$69,362.61
		183+00 stations	
		3.47 miles	
Total Rock =			

6,851 cy 1½" - 0

Move-in = \$6,290.52

TOTAL PROJECT COST = \$187,068.74

<u>TOTAL CREDITS = \$281,212.00</u>

Talan				JCTION COST	0.1. N	50 044 000	4 14/04/000 04
Timber Sale:		Trifecta		-			4-W01023-01
Road Segment:		A to B		-	Improvement:	87+50 1.66	stations miles
						1.00	Times
PROJECT NO. 2: ROAD IMPROVEMENT, S	SURFACE	ROCK RE	PLACEME	NT AND MAINTENAN	CE		
IMPROVEMENT	_						
Clearing & grubbing (scatter)	1.01		\$1,186.00			\$1,197.86	
Clearing & grubbing (end-haul)	2.88			per acre =		\$7,646.40	
Clean culvert inlet & outlet, scatter waste	3	ea @	\$27.50	per ea =		\$82.50	
Cutslope layback #1 (15+75 to 17+25)							
Excavate & load	278	cy @	\$1.94	per cy =		\$539.32	
Haul	362	cy @	\$1.46	per cy =		\$528.52	
Shape and compact waste material	362	су @	\$0.35	per cy =		\$126.70	
Cutslope layback #2 (39+20 to 50+00) Excavate & load	2,760	au @	\$1.94	201.01		¢E 2E4 40	
Haul	3,588	cy @ cy @	\$1.94 \$1.46	per cy = per cy =		\$5,354.40 \$5,238.48	
Shape and compact waste material	3,588	cy @	\$0.35	per cy =		\$1,255.80	
Cutslope layback #3 (54+20 to 55+35)	5,500	cy e	ψ0.00	per cy =		ψ1,200.00	
Excavate & load	304	cy @	\$1.94	per cy =		\$589.76	
Haul	396	cy @	\$1.46	per cy =		\$578.16	
Shape and compact waste material	396	cy @	\$0.35	per cy =		\$138.60	
Cutslope layback #4 (57+40 to 60+90)							
Excavate & load	800	су @	\$1.94	per cy =		\$1,552.00	
Haul	1,040	cy @	\$1.46	per cy =		\$1,518.40	
Shape and compact waste material	1,040	cy @	\$0.35	per cy =		\$364.00	
Cutslope layback #5 (61+30 to 65+35)							
Excavate & load	945	су @	\$1.94	per cy =		\$1,833.30	
Haul	1,229	су @		per cy =		\$1,794.34	
Shape and compact waste material	1,229	су @	\$0.35	per cy =		\$430.15	
Cutslope layback for curve widening (72+50 to	,						
Excavate & load	834	cy @	\$1.94	per cy =		\$1,617.96	
Haul	1,085	cy @		per cy =		\$1,584.10	
Shape and compact waste material Cutslope layback #6 (82+45 to 83+45)	1,085	су @	\$0.35	per cy =		\$379.75	
Excavate & load	260	су @	\$1.94	per cy =		\$504.40	
Haul	338	cy @	\$1.94 \$1.46	per cy =		\$493.48	
Shape and compact waste material	338	cy @	\$0.35	per cy =		\$118.30	
Cutslope layback #7 (84+05 to 87+45)	000	oy e	ψ0.00	por oy -		ψ110.00	
Excavate & load	1,087	cy @	\$1.94	per cy =		\$2,108.78	
Haul	1,414	cy @	\$1.46	per cy =		\$2,064.44	
Shape and compact waste material	1,414	cy @		per cy =		\$494.90	
Construct settling pond	12	ea @		per ea =		\$330.00	
Improve turnout	10	ea @	\$36.30	per ea =		\$363.00	
Construct turnaround	1	ea @	\$90.75	per ea =		\$90.75	
Construct roadside landing	1	ea @	\$181.50	per ea =		\$181.50	
Grade, ditch, & roll	87.50	sta @	\$39.65	per sta =		\$3,469.38	
				TOTAL	IMPROVEME	NT COSTS =	\$44,569.43
CULVERTS	_						
Culverts and Bands							
18" Diameter	190	lf @	\$22.05	per lf =		\$4,189.50	
24" Diameter	50	lf @	\$31.90	per If =		\$1,595.00	
Markers & Stakes	-	~	<b>•</b> • • • • •			<b>*</b> ***	
Culvert markers	5	ea @	\$12.00	per ea =		\$60.00	
500%				<u>I</u>	OTAL CULVE	RT COSTS =	\$5,844.50
ROCK	_						
	Pook	Basa	Haul Cost	Placement/			
	Rock Size	Base Cost \$/cy		Placement/ Processing Cost \$/cy	Total CY	Rock Cost	
	Size	COSt \$/CY	ф/Су	Frucessing Cost \$/C)			
Subgrade rock							
Bedding and backfill	1½" - 0	\$1.20	\$14.75	\$0.55	144	\$2,376.00	
	_			Subtotal :	= 144	\$2,376.00	
Surfacing rock						_	
Surfacing rock	1½" - 0	\$1.20	\$14.75	\$1.35	2,800	\$48,440.00	
Junction	1½" - 0	\$1.20	\$14.75	\$1.35	36	\$622.80	
Turnout	1½" - 0	\$1.20	\$14.75	\$1.35	140	\$2,422.00	
Turnaround	1½" - 0	\$1.20	\$14.75	\$1.35	10	\$173.00	
Curve widening	1½" - 0		\$14.75	\$1.35	111	\$1,920.30	
Roadside landing	3" - 0	\$1.20	\$14.75	\$1.35 Subtotal	200	\$3,460.00	
				Subtotal :	= 3,297	\$57,038.10	
			Totala	All Rock =	3,441	1	
			Totals	All ROCK = 1½" -			
				3" -	,		
					200	I	
					TOTAL RO	<u>CK COSTS =</u>	\$59,414.10
EROSION CONTROL							
Grass seed & fertilizer	1.01	ac @	\$467.50	per ac =		\$472.18	
Straw mulch bale	1.01	ea @	\$467.50 \$11.00	per ac =		\$472.18 \$165.00	
		24 6	÷	po. 04 -		+:00.00	
				TOTAL EDO	OLONI OONTO		

TOTAL EROSION CONTROL COSTS = \$1,587.58

TOTAL PROJECT COST = \$111,415.61

	SUMMA	ARY OF CO	NSTRUCTION COST			
Timber Sale:		Trifecta		Sale Number:	FG-341-20	24-W01023-01
Road Segment:		B to C		Construction:	21+50	stations
				_	0.41	miles
PROJECT NO. 1: ROCKED ROAD CONS	TRUCTION					
CONSTRUCTION						
Clearing & grubbing (scatter)	2.47	ac @	\$1,186.00 per ac =		\$2,929.42	
Clearing & grubbing (end-haul)	2.85	ac @	\$2,141.00 per ac =		\$6,101.85	
Balanced road construction	21.50	sta @	\$120.00 per sta =		\$2,580.00	
Road widening end haul( 6+90 to 9+70)						
Excavate & load	784	cy @	\$1.94 per cy =		\$1,520.96	
Haul	1,020	су @	\$1.46 per cy =		\$1,489.20	
Shape and compact waste material	1,020	су @	\$0.35 per cy =		\$357.00	
Road widening end haul (11+00 to 15+50)						
Excavate & load	1,117	су @	\$1.94 per cy =		\$2,166.98	
Haul	1,453	су @	\$1.46 per cy =		\$2,121.38	
Shape and compact waste material	1,453	су @	\$0.35 per cy =		\$508.55	
Construct settling pond	3	ea @	\$27.50 per ea =		\$82.50	
Turnout	4	ea @	\$72.60 per ea =		\$290.40	
Turnaround	1	ea @	\$90.75 per ea =		\$90.75	
Roadside landing	1	ea @	\$181.50 per ea =		\$181.50	
Landing	1	ea @	\$345.40 per ea =		\$345.40	
Grade, ditch, & roll	21.50	sta @	\$39.65 per sta =	-	\$852.47	_
			<u>TOTA</u>	L CONSTRUCTIO	ON COSTS =	\$21,618.36
CULVERTS						
Culverts and Bands			• • • • • •		• · · · ·	
18" Diameter	60	LF @	\$22.05 per lf =		\$1,323.00	
24" Diameter	40	LF @	\$31.90 per lf =		\$1,276.00	
Markers & Stakes	_	_	• · · · · ·			
Culvert markers	3	ea @	\$12.00 per ea =	-	\$36.00	-
				TOTAL CULVE	RT COSTS =	\$2,635.00
ROCK						

	Rock Size	Base Cost \$/cy	Haul Cost \$/cy	Placement/ Processing Cost \$/cy	Total CY	Rock Cost
Surfacing rock						
Surfacing rock	3" - 0	\$1.20	\$15.09	\$1.35	1,398	\$24,660.72
Turnout	3" - 0	\$1.20	\$15.09	\$1.35	116	\$2,046.24
Turnaround	3" - 0	\$1.20	\$15.09	\$1.35	20	\$352.80
Roadside landing	3" - 0	\$1.20	\$15.09	\$1.35	95	\$1,675.80
Landing	3" - 0	\$1.20	\$15.09	\$1.35	180	\$3,175.20
				Subtotal =	1,809	\$31,910.76

Totals

per ac =

per ea =

All Rock = 1,809

3" - 0 1,809

TOTAL ROCK COSTS = \$31,910.76

EROSION CONTROL			
Grass seed & fertilizer	1.24	ac @	\$550.00
Straw mulch (bale)	5	ea @	\$11.00

\$682.00 \$55.00

TOTAL EROSION CONTROL COSTS = \$1,677.50

#### TOTAL PROJECT COST = \$57,841.62

Timber Sale:		Trifecta		\$	ale Number	FG-341-202	4-W01023-0
Road Segment:				-	nprovement:		stations
Road Oeghent.		DIOL		<u> </u>	nprovement.	1.81	miles
PROJECT NO. 2: ROAD IMPROVEMENT,	SURFAC						
MPROVEMENT							
Clearing & grubbing (scatter)	1.10	ac @	\$1,186.00	per acre =		\$1,304.60	
Clean culvert inlet & outlet, scatter waste	5	ea @		per ea =		\$137.50	
Construct settling pond	6	ea @		per ea =		\$165.00	
nprove turnout	10	ea @	+	per ea =		\$363.00	
nprove turnaround	10	ea @		per ea =		\$45.38	
nprove landing	1	ea @				\$172.70	
Grade, ditch, & roll	95.50	sta @		per sta =		\$3,786.58	
	95.50	sia ⊛	φ39.05	per sia =		φ3,700.30	
				TOTAL IN	IPROVEMEN	IT COSTS =	\$5,974.76
CULVERTS	-						
culverts and Bands			<b>*</b> ***			<b>•</b> · <b>-</b> • · • •	
18" Diameter	80	lf @	+	per lf =		\$1,764.00	
24" Diameter	50	lf @	\$31.90	per lf =		\$1,595.00	
1arkers & Stakes							
Culvert markers	5	ea @	\$12.00	per ea =		\$60.00	<b>.</b>
OCK				<u>10</u>	TAL CULVER	<u>RT COSTS =</u>	\$3,419.00
	-						
	Rock	Base	Haul Cost	Placement/	Tatal OV	Deals Coat	
	Size	Cost \$/cy	\$/cy	Processing Cost \$/d	Total CY	Rock Cost	
Subgrade rock			l				
Bedding and backfill	1½" - 0	\$1.20	\$14.87	\$0.55	72	\$1,196.64	
Ŭ				Subtota	l = 72	\$1,196.64	
Surfacing rock	1						
Surfacing rock	1½" - 0	\$1.20	\$14.87	\$1.35	3,056	\$53,235.52	
Junction	1½" - 0	\$1.20	\$14.87	\$1.35	132	\$2,299.44	
Turnout	1½" - 0	\$1.20	\$14.87	\$1.35	140	\$2,438.80	
Turnaround	11/2" - 0	\$1.20	\$14.87	\$1.35	10	\$174.20	
, and a start	172 0	<i>ф</i> <u></u> _о	<b></b>	Subtota		\$58,147.96	
			Totals	All Rock	= 3,410		
				11/2"			
						K COSTS =	\$59 344 6
						<u></u>	ψυυ,υ+4.0
ROSION CONTROL	_						
Grass seed & fertilizer	1.10 10	ac @ ea @	\$467.50 \$11.00	per ac = per ea =		\$514.25 \$110.00	

TOTAL EROSION CONTROL COSTS = \$624.25

TOTAL PROJECT COST = \$69,362.61

			ONSTRUCT	ION COST	<u></u>	50.044.0	
Timber Sale:		Trifecta		_			024-W01023-01
Road Segment:		E to F		-	Construction:	12+00	stations
						0.23	miles
PROJECT NO. 1: ROCKED ROAD CONS	TRUCTIO	N					
CONSTRUCTION							
Clearing & grubbing (scatter)	0.73	ac @	\$1,186.00	per ac =		\$865.78	
Clearing & grubbing (end-haul)	0.65	ac @	\$2,083.00	per ac =		\$1,353.95	
Balanced road construction	12.00	sta @	\$120.00	) per sta =		\$1,440.00	
Full Bench Road Construction (3+20 to 5+5	50)						
Excavate & load	1,323	су @	\$1.64	per cy =		\$2,169.72	
Haul to Waste Area No. 1	1,720	су @	\$2.57	′ per cy =		\$4,420.40	
Shape and compact waste material	1,720	су @	\$0.30	) per cy =		\$516.00	
Turnout	2	ea @	\$72.60	) per ea =		\$145.20	
Turnaround	1	ea @		per ea =		\$90.75	
Roadside landing	2	ea @		per ea =		\$363.00	
Landing	1	ea @		per ea =		\$345.40	
Grade, ditch, & roll	12.00	sta @		per sta =		\$475.80	
			+				-
				TOTAL (	CONSTRUCTIC	N COSTS =	\$12,186.00
CULVERTS							
Culverts and Bands							
18" Diameter	30	lf @	\$22.05	i per lf =		\$661.50	
Markers & Stakes							
Culvert markers	1	ea @	\$12.00	) per ea =		\$12.00	_
				-	TOTAL CULVER	T COSTS -	\$673.50
ROCK						(1 00010 -	<del></del>
		_		Placeme	nt/		1
	Rock	Base	Haul Cost	Processi		Rock Cost	
	Size	Cost \$/cy	\$/cy	Cost \$/c	•		
Surfacing rock		1			,		1
Base rock	3" - 0	\$1.20	\$14.11	\$1.35	780	\$12,994.80	]
Turnaround	3" - 0	\$1.20	\$14.11	\$1.35	40	\$666.40	1
Roadside landing	3" - 0	\$1.20	\$14.11	\$1.35	190	\$3,165.40	
Landing	3" - 0	\$1.20	\$14.11	\$1.35	180	\$2,998.80	
				Subto	otal = 1,190	\$19,825.40	
							-
			Totals	All Ro	ock = 1,190		
				3	3" - 0 1,190		
				-			<b>•</b> • • • • • • • •
					TOTAL ROO	CK COSTS =	\$19,825.40
EROSION CONTROL							
Grass seed & fertilizer	0.37	ac @	\$550.00	per ac =		\$203.50	
Straw mulch (bale)	3	ea @		per ea =		\$33.00	
·····	č	50 0	÷			+ - 5.00	-
				TOTAL ERC	SION CONTRO	DL COSTS =	\$451.00

TOTAL PROJECT COST = \$33,135.90

### SUMMARY OF CONSTRUCTION COST

 Timber Sale:
 Trifecta
 Sale Number:
 FG-341-2024-W01023-01

Equipment	Total
Grader	\$742.03
Loader (Med. & Large)	\$734.77
Roller (smooth/grid) & Compactor	\$709.77
Excavator (Large) - Equipment Cleaning	\$2,358.22
Dozer (Large) - Equipment Cleaning	\$2,358.22
Dump Truck (10cy +)	\$2,553.25
	TOTAL MOVE-IN COSTS = \$9,456.26

#### QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale Sale Numbe Stockpile Name	r: FG-341-2024-W01023-01	_	
1 1/2" - ( 3" -( Total truck yardage	): <u>2,999 cy</u> (truck measure)		
Move-in Move in excavator Move in loader Move in Dump Trucks		Subtotal = Per CY =	\$1,519.17 \$1,301.08 \$127.13 \$2,947.38 \$0.30/cy
(1 1/2"-0, 3"-0) Base Cost Load dump truck \$0.90	/ cy x9,850	cy = Subtotal = Per CY =	\$8,865.00 \$8,865.00 \$0.90

1 1/2"-0 Cost = **\$1.20/cy** 3"-0 Cost = **\$1.20/cy** 

### CRUISE REPORT Trifecta #FG-341-2024-W01023-01

### 1. LOCATION:

Portions of Sections 27, 28, and 34, T1N, R5W, W.M., Washington County, Oregon.

## 2. CRUISE DESIGN:

The timber cruise was designed using an estimated coefficient of variation (CV) of 54%, average stand diameter of 20 inches, sampling error (SE) of 9% and a minimum of 100 grade trees.

### 3. SAMPLING METHOD:

The Timber Sale Area was cruised in September of 2023 with 39 variable radius grade plots using a 40 BAF prism. Unit 1 had 13 plots, Unit 2 had 19 plots, and Unit 3 had 8 Plots. Plots were laid out on a 4 chain x 4 chain grid for Unit 1, 2 and 3. Plots falling on or near existing roads or no-harvest areas were offset 1 chain.

### 4. CRUISE RESULTS:

233 trees were measured and graded producing a cumulative sampling error of 9.3% on the Douglas-fir Basal Area and 9.7% on the Douglas-fir Net Board Foot Volume.

### 5. TREE MEASUREMENT AND GRADING:

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

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

## 6. DATA PROCESSING:

- a) **Volumes and Statistics:** Cruise estimates and sampling statistics were derived from SuperAce 2008 cruise software.
- b) **Deductions:** The following percent volume deductions are by species to account for the hidden defect and breakage. For conifers two percent was deducted. For hardwoods five percent was deducted.

### 7. CRUISERS:

The sale was cruised by ODF cruisers Adrian Torres, Shamus Smith, Colton Turner and Mark Savage.

Prepared by:	Adrian Torres	01-25-2024

Reviewed by:	Mark Savage	01-25-2024
		Date

TC PSTATS					OJECT OJECT		<u>STICS</u> FECT			PAGE DATE	1 9/18/2023
TWP RGE	SC	TRACT		ГҮРЕ		AC	RES	PLOTS	TREES	CuFt	BdFt
TIN R5	34	00U1		00MC			32.00	13	99	S	W
							ESTIMATED	1	PERCENT		
					TREES		TOTAL		SAMPLE		
	]	PLOTS	TREES		PER PLOT		TREES		TREES		
TOTAL		13	99		7.6						
CRUISE		13	99		7.6		4,606		2.1		
DBH COUNT											
REFOREST											
COUNT BLANKS											
100 %											
				STA	ND SUMM	ARY					
	SA	MPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
	1	FREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
DOUG FIR		89	120.1	20.4	129	60.6	273.8	68,091	67,879	13,685	13,685
DOUG FIR-S		5	4.3	25.6	85	3.0	15.4				
BL MAPLE		4	17.9	11.2	73	3.7	12.3	1,029	1,029	279	279
R ALDER TOTAL		1 99	1.6 <i>143.9</i>	19.0 <i>19.7</i>	88 121	0.7 68.6	3.1 <i>304.6</i>	453 <i>69,573</i>	453 <i>69,361</i>	105 <i>14,070</i>	105 <i>14,070</i>
CONFIDENC				VOLUME	WILL BE V	VITHIN TH	IE SAMPLE E	RROR			
CL 68.1		COEFF			SAMPLI	TREES -	BF	#	OF TREES R	EQ.	INF. POP.
SD: 1.0		VAR.%	S.E.%	1	ow	11/0			<b>_</b> .	10	1
<u> </u>		V AR. 70	J.L. 70	L	0	AVG	HIGH		5	10	1
DOUG FIR		68.6	7.3	L	905	976	1,047		5	10	1
DOUG FIR DOUG FIR-S		68.6	7.3	Ľ	905	976	1,047		5	10	
DOUG FIR DOUG FIR-S BL MAPLE				Ľ					5	10	
DOUG FIR DOUG FIR-S		68.6	7.3		905	976	1,047		247	62	
DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1		68.6 30.3 78.6 COEFF	7.3 17.3 7.9		905 52 813	976 63	1,047 73 953		-	62	
DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0		68.6 30.3 78.6 COEFF VAR.%	7.3 17.3 7.9 S.E.%		905 52 813 SAMPLE OW	976 63 883 2 <b>TREES -</b> AVG	1,047 73 <i>953</i> CF HIGH	#	247	62	2 INF. POP.
DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR		68.6 30.3 78.6 COEFF	7.3 17.3 7.9		905 52 <i>813</i> SAMPLE	976 63 <i>883</i> 2 <b>TREES -</b>	1,047 73 <i>953</i> CF	#	247 Of trees r	<i>62</i> EQ.	2 INF. POP.
DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR DOUG FIR-S		68.6 30.3 78.6 COEFF VAR.% 61.6	7.3 17.3 7.9 S.E.% 6.5		905 52 <i>813</i> SAMPLE DW 178	976 63 883 2 <b>TREES -</b> AVG 190	1,047 73 <i>953</i> CF <u>HIGH</u> 203	#	247 Of trees r	<i>62</i> EQ.	2 INF. POP.
DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR		68.6 30.3 78.6 COEFF VAR.%	7.3 17.3 7.9 S.E.%		905 52 813 SAMPLE OW	976 63 883 2 <b>TREES -</b> AVG	1,047 73 <i>953</i> CF HIGH	#	247 Of trees r	<i>62</i> EQ.	2 INF. POP.
DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR DOUG FIR-S BL MAPLE		68.6 30.3 78.6 COEFF VAR.% 61.6	7.3 17.3 7.9 S.E.% 6.5		905 52 <i>813</i> SAMPLE DW 178	976 63 883 2 <b>TREES -</b> AVG 190	1,047 73 <i>953</i> CF <u>HIGH</u> 203	#	247 Of trees r	<i>62</i> EQ.	2 INF. POP. 1
DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR DOUG FIR-S BL MAPLE R ALDER		68.6 30.3 78.6 COEFF VAR.% 61.6 75.3	7.3 17.3 7.9 S.E.% 6.5 43.0		905 52 <i>813</i> <b>SAMPLE</b> DW 178 11	976 63 883 2 TREES - AVG 190 20 173	1,047 73 <i>953</i> CF HIGH 203 29		247 OF TREES R 5	62 EQ. 10 51	2 INF. POP. 1
DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0		68.6 30.3 78.6 COEFF VAR.% 61.6 75.3 71.5 COEFF VAR.%	7.3 17.3 7.9 S.E.% 6.5 43.0 7.2 S.E.%	L	905 52 813 SAMPLE DW 178 11 160 TREES/A DW	976 63 883 2 TREES - AVG 190 20 173 CRE AVG	1,047 73 <i>953</i> CF HIGH 203 29		247 OF TREES R 5 204	62 EQ. 10 51	2 INF. POP. 1 2 INF. POP.
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DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR DOUG FIR-S		68.6 30.3 78.6 COEFF VAR.% 61.6 75.3 71.5 COEFF VAR.% 65.6 360.6	7.3 17.3 7.9 S.E.% 6.5 43.0 7.2 S.E.% 18.9 103.9	L	905 52 813 SAMPLE DW 178 11 160 TREES/A DW	976 63 883 2 TREES - AVG 190 20 173 20 173 CRE AVG 120 4	1,047 73 953 CF HIGH 203 29 185 HIGH 143 9		247 OF TREES R 5 204 OF PLOTS R	62 EQ. 10 51 EQ.	2 INF. POP. 1 2 INF. POP.
DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR DOUG FIR-S BL MAPLE		68.6 30.3 78.6 COEFF VAR.% 61.6 75.3 71.5 COEFF VAR.% 65.6 360.6 360.6	7.3 17.3 7.9 S.E.% 6.5 43.0 7.2 S.E.% 18.9 103.9 103.9	L	905 52 813 SAMPLE DW 178 11 160 TREES/A DW	976 63 883 2 TREES - AVG 190 20 173 20 173 CRE AVG 120 4 18	1,047 73 953 CF HIGH 203 29 185 HIGH 143 9 36		247 OF TREES R 5 204 OF PLOTS R	62 EQ. 10 51 EQ.	2 INF. POP. 1 2 INF. POP.
DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR DOUG FIR-S		68.6 30.3 78.6 COEFF VAR.% 61.6 75.3 71.5 COEFF VAR.% 65.6 360.6	7.3 17.3 7.9 S.E.% 6.5 43.0 7.2 S.E.% 18.9 103.9	L	905 52 813 SAMPLE DW 178 11 160 TREES/A DW	976 63 883 2 TREES - AVG 190 20 173 20 173 CRE AVG 120 4	1,047 73 953 CF HIGH 203 29 185 HIGH 143 9		247 OF TREES R 5 204 OF PLOTS R	62 EQ. 10 51 EQ.	2 INF. POP. 1 2 INF. POP. 1
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DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR-S BL MAPLE R ALDER TOTAL		68.6 30.3 78.6 COEFF VAR.% 61.6 75.3 71.5 COEFF VAR.% 65.6 360.6 360.6 360.6 360.6 58.2	7.3 17.3 7.9 S.E.% 6.5 43.0 7.2 S.E.% 18.9 103.9 103.9 103.9	L	905 52 813 SAMPLE 0W 178 11 160 TREES/A 0W_ 97	976 63 883 2 TREES - AVG 190 20 173 20 173 CRE AVG 120 4 18 2 144	1,047 73 953 CF HIGH 203 29 185 HIGH 143 9 36 3 168	#	247 OF TREES R 5 204 OF PLOTS R 5	62 EQ. 10 51 EQ. 10 37	2 INF. POP. 1 2. INF. POP. 1 <i>I</i> NF. POP.
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DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR-S BL MAPLE R ALDER TOTAL CL 68.1 SD: 1.0 DOUG FIR-S BL MAPLE R ALDER TOUG FIR-S BL MAPLE R ALDER TOUG FIR-S BL MAPLE R ALDER		68.6 30.3 78.6 COEFF VAR% 61.6 75.3 71.5 COEFF VAR% 65.6 360.6 360.6 360.6 360.6 58.2 COEFF VAR% 52.3 360.6 360.6 360.6 360.6 360.6 360.6 360.6	7.3 17.3 7.9 <u>S.E.%</u> 6.5 43.0 7.2 <u>S.E.%</u> 18.9 103.9 103.9 103.9 103.9 16.8 <u>S.E.%</u> 15.1 103.9 103.9 103.9	L	905 52 813 SAMPLE DW 178 11 160 TREES/A DW 97 120 BASAL A DW 233 268	976 63 883 2 TREES - AVG 190 20 173 20 173 20 173 20 173 20 174 120 4 18 2 144 REA/ACH AVG 274 15 12 3 305	1,047 73 953 CF HIGH 203 29 185 HIGH 143 9 36 3 168 RE HIGH 315 31 25	#	247 OF TREES R 5 204 OF PLOTS R 5 147 OF PLOTS R 5 74	62 EQ. 10 51 EQ. 10 37 EQ. 10 18	2 INF. POP. 1 2 INF. POP. 1 INF. POP. 1
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TC PS1	TATS				PROJEC PROJECT		<u>STICS</u> IFECT			PAGE DATE	<b>2</b> 9/18/2023
TWP	RGE	SC	TRACT	TYP	Ъ	A	CRES	PLOTS	TREES	CuFt	BdFt
TIN	R5	34	00U1	00M	с		32.00	13	99	S	W
CL	68.1		COEFF		NET B	F/ACRE			# OF PLOTS	REQ.	INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
тот	AL		50.0	14.4	59,371	69,361	79,352		108	27	12
CL	68.1		COEFF		NET C	UFT FT/A	CRE		# OF PLOTS RE	Q.	INF. POP.
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH		5	10	.15
DOU	G FIR		54.2	15.6	11,545	13,685	15,825				
DOU	G FIR-S										
BL M	APLE		360.6	103.9		279	570				
R AL	DER		360.6	103.9		105	215				
тот	AL		49.4	14.2	12,065	14,070	16.075		106	26	12

тс	PSPCSTGR		S	pecies, S	ort Gra	de - Board F	oot V	olum	es (Pr	oject	;)								
ТТ	'IN RR5W S34	Ту00МС	2	32.00	 	Project: Acres	TR	IFEC 32.0								Page Date Time		1 18/202 :54:0	23
		%					Perc	ent of N	Net Boar	rd Foot	Volume					Avera	ige Log	g	Logs
	S So Gr	Net		t. per Acre		Total		Log Sca	ale Dia.			Log I	ength		Ln	Dia	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF	4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft	Lf	/Acre
DF	CU														30	13		0.00	10.2
DF	2M	77	.3	52,508	52,333	1,675			34	66				100	40	17	469	2.20	111.5
DF	3M	18	.3	12,801	12,764	408		100				1	1	99	40	8	109	0.69	116.7
DF	4M	5		2,782	2,782	89	ļ	100			21	36	23	20	25	6	35	0.34	80.1
DF	Totals	98	.3	68,091	67,879	2,172		23	26	51	1	2	1	96	36	11	213	1.20	318.4
RA	CR	100		453	453	15		17	83		17			83	30	11	145	1.12	3.1
RA	Totals	1		453	453	15		17	83		17			83	30	11	145	1,12	3.1
ВМ	CR	100		1,029	1,029	33		100				23	60	17	32	7	58	0.49	17.9
BM		1		1,029	1,029	33		100				23	60	17	32	7	58	-	17.9
Tota	ls		0.3	69,573	69,361	2,220		24	26	50	1	2	2	95	36	11	204	1.17	339.5

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TC	PSTNDSU	M				\$ 	Stand 7	Table S	ummary				Page Date:	1 9/18/20	23
TTIN	RR5W S	34 Ty00MC	2	32	.00		Projec	t I	RIFECT				Time:	11:54:1	0AM
							Acres		32.0	0			Grown Year:		
s		Sample	FF	Tot Av	Trees/	BA/	Logs	Average Net	e Log Net	Tons/	Net Cu.Ft.	Net Bd.Ft.		Totals	
Spc T	DBH	Trees	16'	Ht	Acre	Acre	Acre	Cu.Ft.	Bd.Ft.	Acre	Acre	Acre	Tons	Cunits	MBF
DF	9	2	86	74	13.929	6.15	13.93	8.5	40.0	3.36	118	557	107	38	1
DF	11	2	88	109	9.325	6.15	18.65	10.4	47.5	5.52	194	886	177	62	2
DF	12	3	88	99	11.753	9.23	19.59	14.4	60.0	8.03	282	1,175	257	90	3
DF	14	2	88	122	5.757	6.15	11.51	21.1	95.0	6.91	242	1,094	221	78	3
DF	15	3	88	123	7.522	9.23	17.55	20.8	94.3	10.41	365	1,655	333	117	5
DF	16	2	88	131	4.407	6,15	11.02	23.8	108.0	7.46	262	1,190	239	84	3
DF	17	2	86	115	3.904	6.15	7.81	30.4	122.5	6,76	237	957	216	76	3
DF	18	4	88	133	6.965	12.31	19.15	28.8	122.7	15.70	551	2,351	502	176	7
DF	19	1	88	136	1.563	3.08	4.69	29.6	130.0	3.95	139	609	126	44	2
DF	20	2	86	139	2.821	6.15	8.46	33.8	145.0	8.15	286	1,227	261	92	3
DF	21	5	89	144	6.396	15.38	19.19	39.4	188.7	21.54	756	3,620	689	242	11
DF	22	5	87	116	5.828	15.38	13.99	40.5	188.3	16.15	567	2,634	517	181	8
DF	23	4	89	144	4.266	12.31	12.80	48.6	225.0	17.72	622	2,879	567	199	9
DF	24	5	88	155	4.897	15.38	15.67	51.8	246.2	23.12	811	3,859	740	260	12
DF	25	7	87	133	6.318	21.54	13.54	57.9	267.3	22.33	784	3,620	715	251	11
DF	26	4	89	163	3.338	12.31	12.52	54.5	278.0	19.43	682	3,480	622	218	11
DF	27	6	89	162	4.643	18.46	16.25	63.3	335.2	29.33	1,029	5,448	939	329	174
DF	28	9	89	162	6.476	27.69	21.59	66.6	356.3	40.98	1,438	7,692	1,311	460	24
DF	29	5	87	164	3.354	15.38	12.07	70.3	364.4	24.20	849	4,400	774	272	14
DF	30	4	87	153	2.507	12.31	6.90	74.5 <sup>.</sup>	386.4	14.65	514	2,664	469	164	8
DF	31	4	87	170	2,348	12.31	8.81	78.5	410.7	19.69	691	3,616	630	221	110
DF	32	5	86	167	2.755	15.38	9.92	86.2	451.1	24.36	855	4,473	779	273	14:
DF	33	1	88	173	.518	3.08	2.07	85.8	462.5	5.07	178	958	162	57	3
DF	34	1	88	153	.488	3.08	1.46	108.0	553.3	4.51	158	810	144	51	2
DF	35	1	87	166	.461	3.08	1.84	93.5	517.5	4.91	172	953	157	55	3
DF	36	1	86	179	.435	3.08	1.74	106.2	587.5	5.27	185	1,023	169	59	3:
OF	37	1	87	190	.412	3.08	1.65	118.3	677.5	5.56	195	1,117	178	62	30
OF	38	1	83	146	.391	3.08	1.17	130.1	653.3	4.34	152	766	139	49	2:
OF	40	1	86	178	.353	3.08	1.41	129.0	737,5	5.19	182	1,040	166	58	33
DF	41	1	87	184	.336	3.08	1.34	142.4	837.5	5.45	191	1,124	174	61	30
OF	Totals	94	88	128	124.465	289.23	308.28	44.4	220.2	390.02	13,685	67,879	12,481	4,379	2,172
зм	10	2	90	68	11.283	6.15	11.28	11.3	55.0	3.39	128	621	109	41	20
зм	11	1	74	88	4.662	3.08	4.66	14.7	50.0	1.82	69	233	58	22	2
ЗМ	17	1	74	67	1.952	3.08	1.95	42.3	90.0	2.19	83	176	70	26	e
вм	Totals	4	84	73	17.897	12.31	17.90	15.6	57.5	7.40	279	1,029	237	89	33
RA	19	1	92	88	1.563	3.08	3.13	33.7	145.0	2.90	105	453	93	34	15
RA	Totals	1	92	88	1.563	3.08	3.13	33.7	145.0	2.90	105	453	93	34	15
Totals		99	87	121	143.925	304.62	329.31	42.7	210.6	400,32	14,070	69,361	12,810	4,502	2,220

TC	PLOGSTVB
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#### Log Stock Table - MBF

TC PLO	OGSTVB				Log	Stock '	Table -	MBF								
TTIN F	R5W S34 T	y00MC	32.00	)	Proj Acre		TRI	FECT 32	2.00					Page Date Time	9/1	1 8/2023 54:08AM
s		Log		ef Net	%			Net Volu	me by S	Scaling D	iamete	r in Inche	es	T		
<u>Spp</u> т	rt de	Len	MBF %	6 MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39 40+
DF	2M	40	1,680	1,675	77.1						181	228	584	534	130	18
DF	3M	24	1	1	.0					1						
DF	3M	26	1	1	.0				1							
DF	3M	29	1	1	.0					1						
DF	3M	34	3	3	.1			2	1							
DF	3M	36	2	2	.1			2								
DF	3M			2	.1			2								
DF	3M	38		7				6	1							
DF	3M	39		7				7								
DF	3M	40	386	385	17.7			73	113	198						
DF	4M	12	1	1	.1			1		ļ						
DF	4M	13	1	1	.1			1								
DF	4M	14	3	3	.1			3								
DF	4M	15	1	1	.0			0	0							
DF	4M	16	2	2	.1			2								
DF	4M	17	5	5	.3			5	1							
DF	4M	18	3	3	.1			3								
DF DF	4M 4M	19 20	1 2	1	.1 .1			1	1							
DF	4M 4M	20	6	2	.1			5	1							Ĩ
DF	4M	23	2	2	.1			2								
DF	4M	24	5	5	.2			5								
DF	4M	26	4	4	.2			4								
DF	4M	27	5	5	.2			5								
DF	4M	28	8	8	.4			8								
DF	4M	30	3	3	.2			3								
DF	4M	31	3	3	.2			3								
DF	4M	34	13	13	.6			13								
DF	4M	35	4	4	.2			4								
DF	4M	40	17	17	.8			11	6							
DF	Totals		2,179	2,172	97.9			171	126	200	181	228	584	534	130	18
RA	CR	20	3	3	17.2				3							
RA	CR	40	12	12	82.8						12					
RA	Totals		15	15	.7				3		12					
ЗМ	CR	28	7	7	22.6			7								
вм	CR	31	9	9	27.4			9								

TC	PLO	GSTVB					Log S	Stock	Table -	MBF									
TT1	N RI	R5W 8347	Гу00МС	2	32.00		Proje Acre		TRI	FECT 32	.00					Page Date Time		2 8/2023 54:08A1	M
	s	So Gr	Log	Gross	Def	Net	%		1	Net Volur	ne by S	caling ]	Diamete	r in Inch	es				
Spp	Т	rt de	Len	MBF	%	MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
ВМ		CF	र 33	1	1	11	32.9			11									
ВМ		CF	R 40		6	6	17.1				6								
ВМ		Total	s	3	3	33	1.5			27	6				-				
Total		All Speci	es	2,22	.6	2,220	100.0			199	134	200	193	228	584	534	130	18	

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	ATS				OJECT OJECT		STICS FECT			PAGE DATE	1 9/18/2023
ſWP	RGE	SC TRA	АСТ	ТҮРЕ		AC	RES	PLOTS	TREES	CuFt	BdFt
TIN	R5	34 00U2	2	00MC			45.00	18	102	S	W
					TREES	-	ESTIMATED TOTAL		ERCENT		
		PLOTS	TREES		PER PLOT		TREES		TREES		
TOTA	L	18	8 102		5.7						
REFO COUN BLAN	COUNT PREST NT NKS	18	8 102		5.7		5,057		2.0		
100 %	5					4.037					
					ND SUMM		2001	<b>6</b> 7 <b>6 6</b>		00.000	
		SAMPLE TREES		AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUC	G FIR		76 75.6	20.2	141	37.5	168.9	39,949	39,936	8,319	8,319
	G FIR-S		9 13.6	16.4	53	4.9	20.0	·- ·-	,	,	,
R ALI	DER	]	11 17.8	15.9	67	6.1	24.4	1,866	1,866	675	675
BL M	APLE		6 5.3	21.4	75	2.9	13.3	1,438	1,438	431	431
ΤΟΤΑ	AL	10	02 112.4	19.2	115	51.7	226.7	43,253	43,240	9,425	9 <u>,425</u>
	68	COE	OUT OF 100 TH	E VOLUME					OF TREES DI	50	INF, POP.
CL SD:	68.1 1.0	VAF		Ta	SAMPLI OW	E <b>TREES -</b> AVG	BF HIGH	#	OF TREES RI 5	±Q. 10	INF. POP.
DOUG			8.8 9.0	Ľ	681	749	816		5	10	I
	FIR-S	, .					010				
R ALE	DER	65	5.5 20.7		106	134	161				
BL MA	APLE	59	9.1 26.3		227	308	390				
TOTA	L	98.	8.5 9.7		533	590	648		388	97	4
			EFF		SAMPLI	TDFFS	(T)	"			INF. POP.
CL	68.1	COE	511			LIKEES -	CF	#	OF TREES RE	LQ.	
CL SD:	68.1 <u>1.0</u>	COE VAR		L	ow	AVG	CF HIGH	#	of TREES RE	EQ. 10	1
SD: DOUG DOUG	1.0 FIR FIR-S	VAF 67	R.% S.E.% 7.7 7.8	L	OW 139	AVG 151	HIGH 163	#		-	1
SD: DOUG DOUG R ALC	1.0 FIR FIR-S DER	VAR 67 64	R.%         S.E.%           7.7         7.8           4.3         20.3	L	OW 139 40	AVG 151 50	HIGH 163 60	#		-	. 1
SD: DOUG DOUG R ALC BL MA	1.0 FIR FIR-S DER APLE	VAR 67 64 34	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2	L	OW 139 40 76	AVG 151 50 90	HIGH 163 60 103	#	5	10	
SD: DOUG DOUG R ALC BL MA TOTA	1.0 FIR FIR-S DER APLE L	VAR 67 64 34 <i>83</i> .	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           2.2         8.2	L	OW 139 40 76 113	AVG 151 50 90 123	HIGH 163 60		276	10 69	3
SD: DOUG DOUG R ALD BL MA TOTA	1.0 FIR FIR-S DER APLE IL 68.1	VAR 67 64 34 83. COE	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           3.2         8.2           EFF         EFF		OW 139 40 76 113 TREES/4	AVG 151 50 90 123 ACRE	HIGH 163 60 103 <i>133</i>		5 276 Of Plots Re		3 INF. POP.
SD: DOUG DOUG R ALD BL MA TOTA CL SD:	1.0 3 FIR 3 FIR-S DER APLE 1L 68.1 1.0	VAR 67 64 34 83. COE VAR	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           2.2         8.2           EFF            R.%         S.E.%		OW 139 40 76 113 TREES/A OW	AVG 151 50 90 123 ACRE AVG	HIGH 163 60 103 <i>133</i> HIGH		276	10 69	3 INF. POP.
SD: DOUG DOUG R ALC BL MA TOTA	1.0 FIR FIR-S DER APLE APLE 68.1 1.0 FIR	VAR 67 64 34 83. COE	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           .2         8.2           EFF         R.%           S.E.%         1.5		OW 139 40 76 113 TREES/4	AVG 151 50 90 123 ACRE	HIGH 163 60 103 <i>133</i>		5 276 Of Plots Re		3
SD: DOUG R ALD BL MA TOTA CL SD: DOUG	1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S	VAR 67 64 34 83. COE VAR 71	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           .2         8.2           EFF         R.%           S.E.%         17.3           8.4         52.9		OW 139 40 76 113 TREES/4 OW 63	AVG 151 50 90 123 ACRE AVG 76	HIGH 163 60 103 <i>133</i> HIGH 89		5 276 Of Plots Re		3 INF. POP.
SD: DOUG DOUG R ALC BL MA TOTA CL SD: DOUG DOUG R ALD BL MA	1.0 FIR FIR-S DER APLE 1.0 FIR FIR-S DER APLE	VAR 67 64 34 83. COE VAR 71 218	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           .2         8.2           EFF            R.%         S.E.%           1.5         17.3           8.4         52.9           4.2         44.6		OW 139 40 76 113 TREES/4 OW 63 6	AVG 151 50 90 123 ACRE AVG 76 14	HIGH 163 60 103 <i>133</i> HIGH 89 21		5 276 Of Plots Re		3 INF. POP.
SD: DOUG DOUG R ALD BL MA TOTA CL SD: DOUG DOUG R ALD	1.0 FIR FIR-S DER APLE 1.0 FIR FIR-S DER APLE	VAR 67 64 34 83. COE VAR 71 218 184	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           .2         8.2           EFF            R.%         S.E.%           1.5         17.3           3.4         52.9           4.2         44.6           0.5         43.7		OW 139 40 76 113 TREES/2 OW 63 6 10	AVG 151 50 90 123 AVG 76 14 18	HIGH 163 60 103 <i>133</i> HIGH 89 21 26		5 276 Of Plots Re		3 INF. POP.
SD: DOUG DOUG R ALC BL MA TOTA CL SD: DOUG DOUG R ALD BL MA	1.0 FIR FIR-S DER APLE 1.0 FIR FIR-S DER APLE	VAR 67 64 34 83. COE VAR 71 218 184 184	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           3.2         8.2           EFF         R.%           S.E.%         1.5           1.5         17.3           3.4         52.9           4.2         44.6           0.5         43.7           .2         8.3		OW 139 40 76 113 TREES/A OW 63 6 10 3 103	AVG 151 50 90 123 ACRE AVG 76 14 18 5	HIGH 163 60 103 <i>133</i> HIGH 89 21 26 8 <i>122</i>	# (	5 276 OF PLOTS RE 5	<u>    10</u> <u>    69</u> <u>    30</u> . <u>    10</u> <u>    12</u>	3 INF. POP. 1
SD: DOUG DOUG R ALC BL MA TOTA CL SD: DOUG DOUG R ALD BL MA TOTA	1.0 FIR FIR-S DER APLE 1.1 68.1 1.0 FIR FIR-S DER APLE L	VAR 67 64 34 83. COE VAR 71 218 184 180 34.	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           .2         8.2           EFF            R.%         S.E.%           1.5         17.3           8.4         52.9           4.2         44.6           0.5         43.7           .2         8.3           EFF	L	OW 139 40 76 113 TREES/A OW 63 6 10 3 103	AVG 151 50 90 123 ACRE AVG 76 14 18 5 112	HIGH 163 60 103 <i>133</i> HIGH 89 21 26 8 <i>122</i>	# (	5 276 OF PLOTS RE 5 49	<u>    10</u> <u>    69</u> <u>    30</u> . <u>    10</u> <u>    12</u>	3 INF. POP. 1
SD: DOUG DOUG R ALD BL MA TOTA CL SD: DOUG R ALD BL MA TOTA CL	1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 .0 .0 .0 .0 .0 .0 .0 .0 .0	VAR 67 64 34 83. COE VAR 71 218 184 180 34. COE	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           .2         8.2           EFF            R.%         S.E.%           1.5         17.3           8.4         52.9           8.2         44.6           0.5         43.7           .2         8.3           EFF            S.FF            S.%         S.E.%	L	OW 139 40 76 113 TREES/A OW 63 6 10 3 103 BASAL A	AVG 151 50 90 123 ACRE AVG 76 14 18 5 112 AREA/ACE	HIGH 163 60 103 133 HIGH 89 21 26 8 122 RE	# (	5 276 OF PLOTS RE 5 49 DF PLOTS RE	<u>    10</u> <u>    69</u> <u>    30</u> <u>    10</u> <u>    12</u> <u>    30</u> .	3 INF. POP. 1 INF. POP.
SD: DOUG DOUG R ALD BL MA TOTA CL SD: DOUG BL MA TOTA CL SD: DOUG DOUG	1.0 FIR FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S FIR-S	VAR 67 64 34 83. COE VAR 71 218 184 180 34. COE VAR 51 184.	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           .2         8.2           EFF            R.%         S.E.%           1.5         17.3           8.4         52.9           4.2         44.6           0.5         43.7           .2         8.3           EFF            R.%         S.E.%           .7         12.5           .7         44.8	L	OW 139 40 76 113 TREES/A OW 63 6 10 3 103 BASAL A OW 148 11	AVG 151 50 90 123 ACRE AVG 76 14 18 5 112 AVG AVG 169 20	HIGH 163 60 103 133 HIGH 89 21 26 8 122 RE HIGH 190 29	# (	5 276 OF PLOTS RE 5 49 DF PLOTS RE	<u>    10</u> <u>    69</u> <u>    30</u> <u>    10</u> <u>    12</u> <u>    30</u> .	3 INF. POP. 1 INF. POP.
SD: DOUG R ALC BL MA TOTA CL SD: DOUG BL MA TOTA CL SD: DOUG DOUG R ALD	1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER FIR-S DER	VAR 67 64 34 83. COE VAR 71 218 184 180 <i>34.</i> COE VAR 51 184. 178.	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           .2         8.2           EFF            R.%         S.E.%           1.5         17.3           3.4         52.9           4.2         44.6           0.5         43.7           .2         8.3           EFF            R.%         S.E.%           .7         12.5           .7         44.8           .7         43.3	L	OW 139 40 76 113 TREES/A OW 63 6 10 3 103 BASAL A OW 148 11 14	AVG 151 50 90 123 ACRE AVG 76 14 18 5 112 AVG 169 20 24	HIGH 163 60 103 133 HIGH 89 21 26 8 122 RE HIGH 190 29 35	# (	5 276 OF PLOTS RE 5 49 DF PLOTS RE	<u>    10</u> <u>    69</u> <u>    30</u> <u>    10</u> <u>    12</u> <u>    30</u> .	3 INF. POP. 1 INF. POP.
SD: DOUG R ALC BL MA TOTA CL SD: DOUG DOUG R ALD DOUG CL SD: DOUG DOUG R ALD DOUG BL MA	1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE	VAR 67 64 34 83 COE VAR 71 218 184 180 <i>34.</i> COE VAR 51 184. 178.	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           2.2         8.2           EEFF            R.%         S.E.%           1.5         17.3           3.4         52.9           4.2         44.6           0.5         43.7           .2         8.3           EEFF            R.%         S.E.%           .7         12.5           .7         44.8           .7         43.3           .2         43.2	L	OW 139 40 76 113 TREES/A OW 63 6 10 3 103 BASAL A OW 148 11 14 8	AVG 151 50 90 123 ACRE AVG 76 14 18 5 112 AVG 169 20 24 13	HIGH 163 60 103 133 HIGH 89 21 26 8 122 RE HIGH 190 29 35 19	# (	5 276 OF PLOTS RE 5 49 OF PLOTS RE 5	<u>    10</u> <u>    69</u> <u>    30.</u> <u>    10</u> <u>    12</u> <u>    30.</u> <u>    12</u> <u>    30.</u> <u>    10</u> <u>    10</u>	3 INF. POP. 1 INF. POP. 1.
SD: DOUG R ALC BL MA TOTA CL SD: DOUG R ALD BL MA TOTA CL SD: DOUG R ALD BL MA TOTA	1.0 FIR FIR-S DER APLE 4.1 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR-S DER APLE L L 1.0 FIR-S DER APLE L L	VAR 67 64 34 83. COE VAR 71 218 184 180 34. COE VAR 51 184. 178. 28.	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           2.2         8.2           EFF         3.4           R.%         S.E.%           1.5         17.3           8.4         52.9           4.2         44.6           0.5         43.7           .2         8.3           EFF         3.3           EFF         3.3           .2         4.3           .7         12.5           .7         44.8           .7         43.3           .2         43.2           .4         6.9	L	OW 139 40 76 113 TREES/A OW 63 6 10 3 103 BASAL A OW 148 11 14 8 211	AVG 151 50 90 123 ACRE AVG 76 14 18 5 112 AVG AVG 169 20 24 13 227	HIGH 163 60 103 133 HIGH 89 21 26 8 122 RE HIGH 190 29 35	# (	5 276 OF PLOTS RE 5 276 276 276 276 276 276 276 276 276 276	<u>10</u> <u>69</u> <u>30</u> . <u>10</u> <u>12</u> <u>30</u> . <u>10</u> <u>9</u>	3 INF. POP. 1 INF. POP. 1.
SD: DOUG R ALC BL MA TOTA CL SD: DOUG R ALD BL MA TOTA CL SD: DOUG R ALD BL MA TOTA	1.0 FIR FIR-S DER APLE I.L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR-S DER APLE L 68.1 1.0 FIR-S DER APLE E APLE APL	VAR 67 64 34 83. COE VAR 71 218 184 180 34. COE VAR 51 184. 178. 178. 28. COE	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           2.2         8.2           EFF         3.4           R.%         S.E.%           1.5         17.3           8.4         52.9           9.2         44.6           0.5         43.7           .2         8.3           EFF         3.3           EFF         3.3           EFF         3.3           .2         4.3           .3         2           .4         6.9           EFF         5.2	L	OW 139 40 76 113 TREES/A OW 63 6 10 3 103 BASAL A OW 148 11 14 8 211 NET BF/A	AVG 151 50 90 123 ACRE AVG 76 14 18 5 112 AVG 169 20 24 13 227 ACRE	HIGH 163 60 103 133 HIGH 89 21 26 8 122 RE HIGH 190 29 35 19 242	# (	5 276 OF PLOTS RE 5 49 OF PLOTS RE 5 34 OF PLOTS RE	<u>    10</u> <u>    69</u> <u>    30</u> . <u>    10</u> <u>    12</u> <u>    30</u> . <u>    10</u> <u>    9</u> <u>    30</u> .	3 INF. POP. 1 INF. POP. 1. INF. POP.
SD: DOUG R ALC BL MA TOTA CL SD: DOUG R ALD BL MA TOTA CL SD: DOUG R ALD BL MA TOTA	1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR-S DER APLE L 68.1 1.0 FIR-S DER APLE L 68.1 1.0 FIR-S DER APLE L 68.1 1.0 FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L	VAR 67 64 34 83. COE VAR 71 218 184 180 34. COE VAR 51 184. 178. 178. 28. COE VAR	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           2.2         8.2           EFF         3.4           R.%         S.E.%           1.5         17.3           3.4         52.9           4.2         44.6           0.5         43.7           .2         8.3           EFF         3.4           SEFF         5.2           8.4         52.9           4.2         44.6           0.5         43.7           .2         8.3           EFF         3.3           .2         43.3           .2         43.2           .4         6.9           EFF         5.5           .7         44.8           .2         43.2           .4         6.9           EFF         5.5           .2         4.5		OW 139 40 76 113 TREES/A OW 63 6 10 3 103 BASAL A OW 148 11 14 8 211 NET BF/A OW	AVG 151 50 90 123 ACRE AVG 76 14 18 5 112 AVG 169 20 24 13 227 ACRE AVG	HIGH 163 60 103 133 HIGH 89 21 26 8 122 RE HIGH 190 29 35 19 242 HIGH	# (	5 276 OF PLOTS RE 5 276 276 276 276 276 276 276 276 276 276	<u>10</u> <u>69</u> <u>30</u> . <u>10</u> <u>12</u> <u>30</u> . <u>10</u> <u>9</u>	3 INF. POP. 1 INF. POP. 1.
SD: DOUG R ALC BL MA TOTA CL SD: DOUG R ALD BL MA TOTA CL SD: DOUG R ALD BL MA TOTA	1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER FIR FIR FIR-S DER APLE FIR FIR FIR FIR FIR FIR FIR FIR	VAR 67 64 34 83. COE VAR 71 218 184 180 34. COE VAR 51 184. 178. 178. 28. COE	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           2.2         8.2           EFF         3.4           R.%         S.E.%           1.5         17.3           3.4         52.9           4.2         44.6           0.5         43.7           .2         8.3           EFF         3.4           SEFF         5.2           8.4         52.9           4.2         44.6           0.5         43.7           .2         8.3           EFF         3.3           .2         43.3           .2         43.2           .4         6.9           EFF         5.5           .7         44.8           .2         43.2           .4         6.9           EFF         5.5           .2         4.5		OW 139 40 76 113 TREES/A OW 63 6 10 3 103 BASAL A OW 148 11 14 8 211 NET BF/A	AVG 151 50 90 123 ACRE AVG 76 14 18 5 112 AVG 169 20 24 13 227 ACRE	HIGH 163 60 103 133 HIGH 89 21 26 8 122 RE HIGH 190 29 35 19 242	# (	5 276 OF PLOTS RE 5 49 OF PLOTS RE 5 34 OF PLOTS RE	<u>    10</u> <u>    69</u> <u>    30</u> . <u>    10</u> <u>    12</u> <u>    30</u> . <u>    10</u> <u>    9</u> <u>    30</u> .	3 INF. POP. 1 INF. POP. 1. INF. POP.
SD: DOUG R ALC BL MA TOTA CL SD: DOUG R ALD BL MA TOTA CL SD: DOUG R ALD BL MA TOTA	1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE L 68.1 1.0 FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER APLE FIR FIR-S DER FIR FIR-S DER FIR FIR-S DER FIR FIR FIR-S DER FIR FIR-S DER FIR FIR-S DER FIR FIR-S DER FIR FIR-S DER FIR FIR-S DER FIR FIR-S DER FIR FIR-S DER FIR FIR FIR-S DER FIR FIR FIR FIR FIR FIR FIR FI	VAR 67 64 34 83. COE VAR 71 218 184 180 34. COE VAR 51 184. 178. 178. 28. COE VAR	R.%         S.E.%           7.7         7.8           4.3         20.3           4.1         15.2           2.2         8.2           EFF         3.4           R.%         S.E.%           1.5         17.3           3.4         52.9           4.2         44.6           0.5         43.7           .2         8.3           EFF         3.4           S.FF         5.7           2.7         44.8           3.7         43.3           3.2         43.2           .4         6.9           CFF         5.5           .5         12.2		OW 139 40 76 113 TREES/A OW 63 6 10 3 103 BASAL A OW 148 11 14 8 211 NET BF/A OW	AVG 151 50 90 123 ACRE AVG 76 14 18 5 112 AVG 169 20 24 13 227 ACRE AVG	HIGH 163 60 103 133 HIGH 89 21 26 8 122 RE HIGH 190 29 35 19 242 HIGH	# (	5 276 OF PLOTS RE 5 49 OF PLOTS RE 5 34 OF PLOTS RE	<u>    10</u> <u>    69</u> <u>    30</u> . <u>    10</u> <u>    12</u> <u>    30</u> . <u>    10</u> <u>    9</u> <u>    30</u> .	3 INF. POP. 1 INF. POP. 1. INF. POP.

TC PST	TATS				PROJECT PROJECT		<u>STICS</u> IFECT			PAGE DATE	<b>2</b> 9/18/2023
TWP	RGE	SC	TRACT	TYF	Ъ	A	CRES	PLOTS	TREES	CuFt	BdFt
TIN	R5	34	00U2	00M	С		45.00	18	102	S	W
CL	68.1		COEFF		NET B	F/ACRE			# OF PLOT	S REQ.	INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
TOT	AL	-	42.2	10.2	38,815	43,240	47,665		75	19	8
CL	68.1		COEFF		NET C	UFT FT/A	CRE		# OF PLOTS R	EQ.	INF. POP.
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
DOUG	G FIR		51.0	12.4	7,291	8,319	9,346				
DOUG	G FIR-S										
R AL	DER		181.9	44.1	378	675	973				
BL M	APLE		173.4	42.0	250	431	612				
TOTA	AL		39.1	9.5	8,531	9,425	10,319		65	16	7

TC	PSPCSTGR

### Species, Sort Grade - Board Foot Volumes (Project)

TT	51N RR5W \$34	Ту00МС		45.00		Project: Acres	TRIF	ECT 45.0								Page Date Time		1 18/202 :55:4	3
		%					Percent	t of Ne	et Boar	d Foot	Volume					Avera	ge Log	ç	Logs
	S So Gr	Net	Bd. Ft.	per Acre		Total	Lo	g Scal	e Dia.			Log	ength		. Ln	Dia	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF	4-5 6-	-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft	Lf	/Acre
DF	CU														26	8		0.00	20.5
DF	2M	69		27,918	27,918	1,256			56	44				100	40	15	379	1.84	73.7
DF	3M	26	.1	10,378	10,366	466		98	2			0	2	98	40	9	113	0.68	92.1
DF	4M	5		1,652	1,652	74	1	100			16	29	48	7	27	6	37	0.35	44.1
DF	Totals	92	.0	39,949	39,936	1,797		30	40	31	1	1	3	96	36	10	173	1.00	230.4
вм	CR	100		1,438	1,438	65		27	52	21			6	94	38	11	189	1.50	7.6
BM	Totals	3		1,438	1,438	65		27	52	21			6	94	38	11	189	1.50	7.6
RA	CR	100		1,866	1,866	84		81	19			15		85	36	8	92	0.92	20.3
RA	Totals	4		1,866	1,866	84		81	19			15		85	36	8	92	0.92	20.3
Tota	ls		0.0	43,253	43,240	1,946		32	39	29	. 1	2	3	95	36	10	167	1.01	258.3

тс	PSTNDSU	М				;	Stand T	fable S	ummary				Page Date:	1 9/ <u>18/2</u> 0	23
TTIN	RR5W S	34 Ty00MC	]	45	.00		Project	t T	RIFECT				Time:	11:55:4	3AM
							Acres		45.0	0			Grown Year:		
s		<u></u>		Tot				Average	-		Net	Net		Fotals	
<b>Spc</b> T	DBH	Sample Trees	FF 16'	Av Ht	Trees/ Acre	<b>BA/</b> Acre	Logs Acre	Net Cu.Ft.	Net Bd.Ft.	Tons/ Acre	Cu.Ft. Acre	Bd.Ft. Acre	Tons	Cunits	MBF
DF	10	1	36	20	4.074	2.22									
DF	12	3	87	111	8.488	6.67	16.98	13.2	58.3	6.39	224	990	287	101	45
DF	13	2	88	127	4.822	4.44	9.64	18,1	80.0	4.97	174	771	223	78	35
DF	15	2	88	128	3.622	4.44	7.24	24.3	110.0	5.01	176	797	225	79	36
DF	16	8	84	102	12.732	17.78	22.28	21.8	100.0	13.81	485	2,228	622	218 40	100 16
DF	17	3 3	88	112	4.229	6.67	2.82	31.6	125.0	2.54 9.00	89	352 1,396	114 405	40 142	63
DF	18 19	3 4	86 89	151 139	3.773 4.515	6.67 8.89	11.32 13.54	27.9 30.1	123.3 132.5	9.00	316 407	1,396	403 522	142	81
DF DF	20	4	88	139	9.167	20.00	24.45	34.5	152.5	24.01	843	3,881	1,081	379	175
DF	20	8	89	146	7.391	17.78	22.17	40.2	198.8	25.41	892	4,305	1,143	401	194
DF	22	9	88	153	7.576	20.00	22.73	45.5	215.9	29.45	1,033	4,908	1,325	465	221
DF	23	5	89	152	3.851	11.11	11.55	50.4	240.0	16.60	582	2,773	747	262	125
DF	24	9	88	162	6.366	20.00	20.51	52.5	255.5	30.68	1,077	5,242	1,381	484	236
DF	25	1	89	149	.652	2.22	1.96	58.1	276.7	3.24	114	541	146	51	24
DF	26	2	88	155	1.205	4.44	3.62	64.9	311.7	6,69	235	1,127	301	106	51
DF	27	1	90	165	.559	2.22	2.24	57.5	310.0	3.67	129	693	165	58	31
DF	28	5	88	135	2.598	11.11	6.76	70.4	365.4	13,55	475	2,469	610	214	111
DF	29	1	89	157	.484	2.22	1.45	82.1	426.7	3.40	119	620	153	54	28
DF	31	2	83	96	.848	4.44	1.27	91.3	463.3	3.31	116	589	149	52	27
DF	32	2	88	146	.796	4.44	2.39	93.7	470.0	6,38	224	1,122	287	101	50
DF	33	1	86	154	.374	2.22	1.12	102.0	506.7	3.26	115	569	147	52	26
DF	34	1	86	156	.352	2.22	1.06	108.7	563.3	3.28	115	596	147	52	27
DF	37	1	90	139	.298	2.22	.89	126.9	690.0	3.23	113	616	145	51	28
DF	38	1	87	178	.282	2.22	1.13	114.6	657.5	3.69	129	742	166	58	33
DF	45	1	87	184	.201	2.22	.80	171.3	1012.5	3,93	138	815	177	62	37
DF	Totals	85	85	127	89.257	188.89	209.92	39.6	190.2	237.09	8,319	39,936	10,669	3,743	1,797
RA	11	1	85	54	3,367	2.22	3.37	13.4	50.0	1.24	45	168	56	20 23	8
RA	13 15	1 3	89 85	63 67	2.411 5.432	2.22 6.67	2.41 5.43	21.1 30.1	70.0 93.3	1.40 4.49	51 163	169 507	63 202	23 73	8 23
RA RA	15	2	85 74	67 65	5.432 2.820	0.07 4.44	2.82	41.5	93.3 80.0	4.49 3.22	103	226	145	53	23 10
RA RA	18	1	73	03 74	1.258	2.22	1.26	52.5	120.0	1.81	66	151	82	30	7
RA	20	1	73	89	1.019	2.22	2.04	38.6	120.0	2.16	79	224	97	35	10
RA	23	1	74	90	.770	2.22	1.54	51.9	145.0	2.20	80	223	99	36	10
RA	24	1	74	80	.707	2.22	1.41	52,6	140.0	2.05	74	198	92	34	9
RA	Totals	11	81	67	17.784	24.44	20.28	33.3	92.0	18.57	675	1,866	836	304	84
вм	16	1	73	59	1.592	2.22	1.59	35.9	70.0	1.52	57	111	68	26	5
вм	22	1	92	88	.842	2.22	1.68	47.9	205.0	2.14	81	345	96	36	16
ВМ	23	2	83	81	1.540	4.44	2.31	64.3	216.7	3.94	149	501	177	67	23
вм	24	1	74	75	.707	2.22	.71	89.4	200.0	1.68	63	141	75	28	6
ВМ	25	1	93	88	.652	2.22	1.30	62.4	260.0	2.16	81	339	97	37	15
ВМ	Totals	6	81	75	5,333	13.33	7.60	56.7	189.2	11.42	431	1,438	514	194	65
Totals		102	84	115	112.374	226.67	237,80	39.6	181.8	267.08	9,425	43,240	12,019	4,241	1,946

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TC PLC	OGSTVB				Log	Stock	Table -	MBF								
TTIN R	R5W S34 1	Гу00МС	2 4	5.00	Proj Acre		TRI	FECT 4	5.00					Page Date Time		1 8/2023 :55:41AM
s	So Gr	Log	Gross	Def Net	%			Net Volu	me by S	Scaling	Diamete	er in Inch	es			
<u>Spp</u> т	rt de	Len	MBF	% MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39 40+
DF	2N	1 40	1,256	1,:	256 69.9						228	315	457	174	64	18
DF	3M	1 24	1		1 .0				1							
DF	3M	1 29	1		1 .1					1						
DF	3M	1 33	2		2 .1			2								
DF	3M	1 34	1		1 .1			i	1							
DF	3M	1 35	6		6.3				6							
DF	3М				2 .1			2								
DF	3M	1 40	454		153 25.2			81	129	235	8			ļ		
DF	4M	14	1		1.0			1			,					
DF	4M	16	1		1 .1			1								
DF	4M	I 1 <b>7</b>	5		5 .3			5								
DF	4M	18	1		1 .1			1								
DF	4M	[ 19	1		1.0			1								
DF	4M				3 .1	1		3								
DF	4M				1 .1			1								
DF	4M				2 .1			2								
DF	4M		2		2 .1			2								
DF DF	4M 4M				2 .1 3 .2			2								
DF	41vi 4M							11				-				
DF	4M				2 .1	1		2								
DF	4M		- 7		7 .4			7								
DF	4M		9		9 .5			9								
DF	4M	33	2		2 .1			2								
DF	4M	34	8		8.5			8								
DF	4M	35	9		9 .5			9					ĺ			
OF	4M	40	6		6 .3				6							
OF	Totals		1,798	1,7	97 92.4			155	142	236	235	315	457	174	64	18
вм	CR	31	2		2 2.9			2		-						
зм	CR	33	2		2 2.7			2								
зм	CR	37	2		2 3.8			2								
вм	CR	39	5		5 7.7			5		5						
вм	CR	40	54		54 82.9					6	6	14	27			
вм	Totals		65		55 3.3			11		6	6	14	27			
RA	CR	22	1		1 1.5			1								
RA .	CR	24	2		2 2.2			2					- 1			

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тс 1	PLO	GSTVB				· · · ·	Log	Stock	Table -	MBF									
TTI	N RI	R5W S34 1	гу00МС		45.00		Proje Acre		TRI	FECT 45	5.00					Page Date Time	9/1	2 8/2023 55:41A	
	s	So Gr	Log	Gross	Def	Net	%		1	Net Volu	ne bv S	caling D	iamete	r in Inche	es		_		
Spp	Т	rt de	Len	MBF	%	MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+
RA		CF	e 29		9	9	11.1			9									
RA		CF	38		6	6	6.8			6									
RA		CR	<b>4</b> 0		66	66	78.4			12	30	8	16						
RA		Total	5		84	84	4.3			30	30	8	16						
Total		All Specie	es	1,9	46	1,946	100.0			196	172	251	258	329	485	174	64	18	

	TATS					OJECT ROJECT		STICS FECT			PAGE DATE	1 9/18/2023
ГŴР	RGE	SC T	RACT		ГҮРЕ		AC	RES	PLOTS	TREES	CuFt	BdFt
TIN	R5	34 00	U3		00MC			18.00	8	47	y S	W
						TREES		ESTIMATED TOTAL		PERCENT SAMPLE		
		PLO	TS	TREES		PER PLOT		TREES		TREES		
TOTA	<b>A</b> L		8	47		5.9						
	COUNT DREST NT NKS		8	47		5.9		2,235		2.1		
	-				STA	ND SUMM	ARY					
		SAMPI	LE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
		TREE		/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
DOUC	G FIR		35	73.6	20.9	126	38.3	175.0	38,907	38,282	8,223	8,223
DOUC	G FIR-S		1	2.3	20.0	120	1.1	5.0				
R ALI			8	34.7	14.5	85	10.5	40.0	3,376	3,376	1,129	1,129
BL M			3	13.5	14.3	90	4.0	15.0	1,098	1,098	325	325
ΤΟΤΑ	AL		47	124.2	18.6	110	54.4	235.0	43,382	42,756	9,677	9,677
CL	68.1		ES OUT	OF 100 THE	VOLUME		E TREES -	IE SAMPLE E		OF TREES R	250	INF, POP.
SD:	1.0		AR.%	S.E.%	L	OW SAMELI	AVG	HIGH	ť	FOF IKEES K	10 EQ.	INF. POP.
DOUC			83.0	14.0		790	919	1,048			10	
R ALI	DER		36.4	13.7		91	105	119				
BL M	APLE		35.3	24.4		66	87	108				
TOTA	4L		06.1	15.5		599	708	818		450	112	5
	68.1	С	OEFF			SAMPLI	E TREES -	CF	#	OF TREES R	ΈΩ	INF. POP.
CL											шŲ.	
CL SD:	1.0	v	AR.%	S.E.%	L	OW	AVG	HIGH		5	10 10	. 1
SD: DOUC		V	72.5	S.E.% 12.2	L	OW 166	AVG 190	HIGH 213		5	•	1
SD: DOUC DOUC R ALE	G FIR G FIR-S DER		72.5 39.5	12.2	L	166 30	190 36	213 41		55	•	
SD: DOUC DOUC R ALE BL MA	G FIR G FIR-S DER APLE		72.5 39.5 41.9	12.2 14.9 29.0	L	166 30 18	190 36 25	213 41 32			10	-
SD: DOUC DOUC R ALE	G FIR G FIR-S DER APLE AL		72.5 39.5	12.2	L	166 30 18 129	190 36 25 149	213 41		5342	10 86	3
SD: DOUC DOUC R ALE BL MA TOTA	3 FIR 3 FIR-S DER APLE AL 68.1	C	72.5 39.5 41.9 92.6 OEFF	12.2 14.9 29.0 <i>13.5</i>		166 30 18 129 TREES/A	190 36 25 149	213 41 32 169	#	<i>342</i> 9 of plots r	10	3 INF. POP.
SD: DOUC R ALE BL MA TOTA CL SD:	G FIR G FIR-S DER APLE AL 68.1 1.0	C	72.5 39.5 41.9 92.6 OEFF AR.%	12.2 14.9 29.0 <i>13.5</i> S.E.%		166 30 18 129 TREES/A DW	190 36 25 149 ACRE AVG	213 41 32 <i>169</i> HIGH		342	10 86	3
SD: DOUC R ALL BL MA TOTA CL SD: DOUG	3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR	Cu V.	72.5 39.5 41.9 92.6 OEFF AR.% 90.7	12.2 14.9 29.0 <i>13.5</i> S.E.% 34.2		166 30 18 129 TREES/A	190 36 25 149 ACRE AVG 74	213 41 32 <i>169</i> HIGH 99	#	<i>342</i> 9 of plots r	10	3 INF. POP.
SD: DOUC R ALL BL MA TOTA CL SD: DOUG DOUG	3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S	C( V. 2	72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8	12.2 14.9 29.0 <i>13.5</i> <u>S.E.%</u> 34.2 106.6		166 30 18 <i>129</i> TREES/A OW 48	190 36 25 <i>149</i> ACRE AVG 74 2	213 41 32 <i>169</i> HIGH 99 5	#	<i>342</i> 9 of plots r	10	3 INF. POP.
SD: DOUC R ALL BL MA TOTA CL SD: DOUG	3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER	CC V. 2 1	72.5 39.5 41.9 92.6 OEFF AR.% 90.7	12.2 14.9 29.0 <i>13.5</i> S.E.% 34.2		166 30 18 129 TREES/A OW	190 36 25 149 ACRE AVG 74	213 41 32 <i>169</i> HIGH 99		<i>342</i> 9 of plots r	10	3 INF. POP.
SD: DOUC R ALC BL MA TOTA CL SD: DOUG R ALC	3 FIR 3 FIR-S DER APLE APLE 68.1 1.0 3 FIR 3 FIR-S DER APLE	C( V. 2 1 1	72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8 168.6	12.2 14.9 29.0 13.5 S.E.% 34.2 106.6 63.6		166 30 18 <i>129</i> TREES/A OW 48 13	190 36 25 <i>149</i> AVG 74 2 35	213 41 32 <i>169</i> HIGH 99 5 57	#	<i>342</i> 9 of plots r	10	3 INF. POP.
SD: DOUC R ALE BL MA TOTA CL SD: DOUG R ALE BL MA TOTA	3 FIR 3 FIR-S DER APLE 68.1 1.0 3 FIR 3 FIR-S DER APLE AL	CC V. 2 1 1	72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8 168.6 185.6 64.3	12.2 14.9 29.0 13.5 S.E.% 34.2 106.6 63.6 70.0		166 30 18 129 TREES/A OW 48 13 4 94	190 36 25 149 <b>AVG</b> 74 2 35 14 124	213 41 32 169 HIGH 99 5 57 23 154		342 9 OF PLOTS R 5 188	10 86 EQ. 10 47	3 INF. POP. 1 2
SD: DOUC R ALC BL MA TOTA CL SD: DOUG DOUG R ALC BL MA	3 FIR 3 FIR-S DER APLE 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 4 FIR-S DER APLE AL	2 2 1 1 2 0 0 0	72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8 168.6 85.6 64.3 OEFF	12.2 14.9 29.0 <i>13.5</i> <u>S.E.%</u> 34.2 106.6 63.6 70.0 <i>24.3</i>	L	166 30 18 129 TREES/A OW 48 13 4 94 BASAL A	190 36 25 149 ACRE AVG 74 2 35 14 124 AREA/ACI	213 41 32 169 HIGH 99 5 57 23 154 RE		342 OF PLOTS R 5 188 OF PLOTS R	10 86 EQ. 10 47 EQ.	3 INF. POP. 1 2 INF. POP.
SD: DOUC R ALE BL MA TOTA CL SD: DOUG R ALE BL MA TOTA	3 FIR 3 FIR-S DER APLE 68.1 1.0 3 FIR 3 FIR-S DER APLE APLE AL 68.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	2 2 1 1 2 2 1 2 2 1 1 1 0 0 0 0 0 7 2	72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8 168.6 185.6 64.3	12.2 14.9 29.0 13.5 S.E.% 34.2 106.6 63.6 70.0	L	166 30 18 129 TREES/A OW 48 13 4 94	190 36 25 149 <b>AVG</b> 74 2 35 14 124	213 41 32 169 HIGH 99 5 57 23 154		342 9 OF PLOTS R 5 188	10 86 EQ. 10 47	3 INF. POP. 1 2
SD: DOUC R ALC BL M/ TOTA CL SD: DOUG R ALC BL M/ TOTA CL SD:	3 FIR 3 FIR-S DER APLE 68.1 1.0 3 FIR 3 FIR-S DER APLE A		72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8 168.6 185.6 64.3 OEFF AR.%	12.2 14.9 29.0 <i>13.5</i> <u>S.E.%</u> 34.2 106.6 63.6 70.0 <i>24.3</i> S.E.%	L	166 30 18 129 TREES/A OW 48 13 4 94 BASAL A OW	190 36 25 149 ACRE AVG 74 2 35 14 124 AREA/ACI AVG	213 41 32 169 HIGH 99 5 57 23 154 RE HIGH		342 OF PLOTS R 5 188 OF PLOTS R	10 86 EQ. 10 47 EQ.	3 INF. POP. 1 2 INF. POP.
SD: DOUC R ALC BL M/ TOTA CL SD: DOUG R ALC BL M/ TOTA CL SD: DOUG R ALC DOUG R ALC	3 FIR 3 FIR-S DER APLE 68.1 1.0 3 FIR 3 FIR-S DER 4 PLE 4 PLE 4 PLE 4 PLE 5 FIR 5 FIR-S DER	2 CC V. 2 1 1 CC V. 2 1 2 1 2 1 2 1 2 1 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 1 2 2 1 2 2 1 2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2	72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8 168.6 64.3 OEFF AR.% 55.9 82.8 60.4	12.2 14.9 29.0 13.5 S.E.% 34.2 106.6 63.6 70.0 24.3 S.E.% 21.1 106.6 60.5	L	166 30 18 129 TREES/A OW 48 13 4 94 BASAL A OW	190 36 25 149 ACRE AVG 74 2 35 14 124 AVG AVG 175	213 41 32 169 HIGH 99 5 57 23 154 RE HIGH 212		342 OF PLOTS R 5 188 OF PLOTS R	10 86 EQ. 10 47 EQ.	3 INF. POP. 1 2 INF. POP.
SD: DOUC R ALC BL M/ TOTA CL SD: DOUG R ALC BL M/ TOTA CL SD: DOUG R ALC BL M/ BL M/	3 FIR 3 FIR-S DER APLE 68.1 1.0 3 FIR 3 FIR-S DER APLE 4 4 4 5 FIR-S DER 4 4 4 4 4 5 5 5 1 6 8 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	CC V. 2 1 1 1 0 CC V. 2 2 1 1	72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8 168.6 64.3 OEFF AR.% 55.9 82.8 60.4 98.4	12.2 14.9 29.0 13.5 S.E.% 34.2 106.6 63.6 70.0 24.3 S.E.% 21.1 106.6 60.5 74.8	L	166 30 18 129 TREES/A OW 48 13 4 94 BASAL A OW 138 16 4	190 36 25 149 ACRE AVG 74 2 35 14 124 AVG 175 5 40 15	213 41 32 169 HIGH 99 5 57 23 154 RE HIGH 212 10 64 26		342 OF PLOTS R 5 188 OF PLOTS R 5	10 86 EQ. 10 47 EQ.	3 INF. POP. 1 2 INF. POP. 1
SD: DOUC R ALC BL M/ TOTA CL SD: DOUG R ALC BL M/ TOTA CL SD: DOUG R ALC DOUG R ALC	3 FIR 3 FIR-S DER APLE 68.1 1.0 3 FIR 3 FIR-S DER APLE 4 4 4 5 FIR-S DER 4 4 4 4 4 5 5 5 1 6 8 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	CC V. 2 1 1 1 0 CC V. 2 2 1 1	72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8 168.6 64.3 OEFF AR.% 55.9 82.8 60.4	12.2 14.9 29.0 13.5 S.E.% 34.2 106.6 63.6 70.0 24.3 S.E.% 21.1 106.6 60.5	L	166 30 18 <i>129</i> TREES/A OW 48 13 4 94 BASAL A OW 138 16	190 36 25 149 ACRE AVG 74 2 35 14 124 AVG 175 5 40	213 41 32 169 HIGH 99 5 57 23 154 RE HIGH 212 10 64		342 OF PLOTS R 5 188 OF PLOTS R	10 86 EQ. 10 47 EQ.	3 INF. POP. 1 2 INF. POP.
SD: DOUC R ALC BL M/ TOTA CL SD: DOUG R ALC BL M/ TOTA CL SD: DOUG R ALC BL M/ BL M/	3 FIR 3 FIR-S DER APLE 68.1 1.0 3 FIR 3 FIR-S DER APLE 4 4 4 5 FIR-S DER 4 4 4 4 4 5 5 5 1 6 8 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1	2 CC V. 2 1 1 1 2 CC V/ 2 2 1 1 1 3	72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8 168.6 64.3 OEFF AR.% 55.9 82.8 60.4 98.4	12.2 14.9 29.0 13.5 S.E.% 34.2 106.6 63.6 70.0 24.3 S.E.% 21.1 106.6 60.5 74.8	L	166 30 18 129 TREES/A OW 48 13 4 94 BASAL A OW 138 16 4	190 36 25 149 AVG 74 2 35 14 124 AVG 175 5 40 15 235	213 41 32 169 HIGH 99 5 57 23 154 RE HIGH 212 10 64 26	#	342 OF PLOTS R 5 188 OF PLOTS R 5	10 86 EQ. 10 47 EQ. 10 17	3 INF. POP. 1 2 INF. POP. 1
SD: DOUC R ALC BL M/ TOTA CL SD: DOUG R ALC BL M/ TOTA CL SD: DOUG R ALD BL M/ TOTA CL SD:	3 FIR 3 FIR-S DER APLE 68.1 1.0 3 FIR 3 FIR-S DER APLE 68.1 1.0 6	2 CC V. 2 1 1 1 CC V/ 2 1 1 3 CC V/	72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8 68.6 85.6 64.3 OEFF AR.% 55.9 882.8 60.4 98.4 39.1 DEFF AR.%	12.2 14.9 29.0 13.5 S.E.% 34.2 106.6 63.6 70.0 24.3 S.E.% 21.1 106.6 60.5 74.8		166 30 18 129 TREES/A DW 48 13 4 94 BASAL A DW 138 16 4 200	190 36 25 149 AVG 74 2 35 14 124 AVG 175 5 40 15 235	213 41 32 169 HIGH 99 5 57 23 154 RE HIGH 212 10 64 26	#	342 OF PLOTS R 5 188 OF PLOTS R 5 69	10 86 EQ. 10 47 EQ. 10 17	3 INF. POP. 1 2 INF. POP. 1
SD: DOUC R ALC BL M/ TOTA CL SD: DOUG R ALC BL M/ TOTA CL SD: DOUG R ALD BL M/ TOTA	3 FIR 3 FIR-S DER APLE 68.1 1.0 3 FIR 3 FIR-S DER APLE 4 FIR-S DER APLE 1.0 6 8.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	2 CC V. 2 1 1 1 CC V/ 2 1 1 3 CC V/	72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8 (68.6 85.6 64.3 OEFF AR.% 55.9 282.8 60.4 98.4 39.1 DEFF	12.2 14.9 29.0 13.5 S.E.% 34.2 106.6 63.6 70.0 24.3 S.E.% 21.1 106.6 60.5 74.8 14.7		166 30 18 129 TREES/A OW 48 13 4 94 BASAL A OW 138 16 4 200 NET BF/A OW	190 36 25 149 ACRE AVG 74 2 35 14 124 AVG 175 5 40 15 235 ACRE	213 41 32 169 HIGH 99 5 57 23 154 RE HIGH 212 10 64 26 270	#	342 OF PLOTS R 5 188 OF PLOTS R 5 0F PLOTS R	10 86 EQ. 10 47 EQ. 10 17 EQ.	3 INF. POP. 1 INF. POP. 1 INF. POP.
SD: DOUC R ALC BL M/ TOTA CL SD: DOUG R ALC BL M/ TOTA CL SD: DOUG R ALD BL M/ TOTA CL SD: DOUG R ALD BL M/ TOTA	3 FIR 3 FIR-S DER APLE 68.1 1.0 3 FIR 3 FIR-S DER APLE 4 4 4 7 6 8.1 1.0 3 FIR 5 7 8 8 8 7 8 8 8 8 8 8 8 8 8 8 8 8 8	2 CC V. 2 1 1 1 CC V/ 2 1 1 3 CC V/	72.5 39.5 41.9 92.6 OEFF AR.% 90.7 282.8 68.6 85.6 64.3 OEFF AR.% 55.9 882.8 60.4 98.4 39.1 DEFF AR.%	12.2 14.9 29.0 13.5 S.E.% 34.2 106.6 63.6 70.0 24.3 S.E.% 21.1 106.6 60.5 74.8 14.7 S.E.%		166 30 18 129 TREES/A OW 48 13 4 94 BASAL A OW 138 16 4 200 NET BF/A OW	190 36 25 149 ACRE AVG 74 2 35 14 124 AVG 175 5 40 15 235 ACRE AVG	213 41 32 169 HIGH 99 5 57 23 154 RE HIGH 212 10 64 26 270 HIGH	#	342 OF PLOTS R 5 188 OF PLOTS R 5 0F PLOTS R	10 86 EQ. 10 47 EQ. 10 17 EQ.	3 INF. POP. 1 INF. POP. 1 INF. POP.

TC PST	ATS				PROJECT					PAGE	2
					PROJECT	TR	IFECT			DATE	9/18/2023
TWP	RGE	SC	TRACT	ТҮР	Е	A	CRES	PLOTS	TREES	CuFt	BdFt
TIN	R5	34	00U3	00M0	2		18.00	8	47	S	W
CL	68.1		COEFF		NET B	F/ACRE			# OF PLOTS	REQ.	INF. POP.
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
тот	AL		41.8	15.8	36,018	42,756	49,494	•	79	20	9
CL	68.1		COEFF		NET C	UFT FT/A	CRE		# OF PLOTS RE	čQ.	INF. POP.
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
DOU	G FIR		52.0	19.6	6,610	8,223	9,837				
DOU	G FIR-S										
R AL	DER		157.7	59.5	457	1,129	1,800				
BL M	APLE		190,4	71.8	92	325	558				
тота	4L		41.0	15.4	8,182	9,677	11,171		76	19	8

TC	PSPCSTGR		Ś	Species, S	ort Gra	ide - Boa	rd F	oot V	olum	es (Pr	oject	)								
ТТ	TIN RR5W S3	4 Ty00M	c	18.00		Project Acres	:	TF	LIFEC 18.(								Page Date Time		1 18/202 :57:1	23
		%						Per	cent of N	let Boar	d Foot	Volume					Avera	ige Log	g	Logs
	S So Gr	Net		<sup>7</sup> t. per Acre		Total		<u> </u>	Log Sca	le Dia.			Log	ength		Ln	Dia	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF		4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft	Lf	/Acre
DF DF	CU 2M	73	1.9	28,878	28,320		510			36	64		2		98	30 40	10 17	472	0.00 2.40	11.8 60.0
DF	2M 3M	23	.8	28,878 8,569	28,320 8,501		153		100	30	04		1		99	40	9	109	0.70	78.1
DF	4M	4	.0	1,461	1,461		26		100			20	60	5	14	22	6	30	0.33	48,3
DF	Totals	90	1.6	38,907	38,282		689		26	27	47	1	4	0	95	35	11	193	1.19	198.2
BM BM	CU CR	100		1,098	1,098		20		100				26	74		23 30	9 9	81	0.00 0.79	10.7 13.5
вм	Totals	3		1,098	1,098		20		100				26	74		27	9	45	0.49	24.3
RA RA	CU CR	100		3,376	3,376		61		100				4	10	86	3 37	12 8	88	0.00 0.79	5.4 38.3
RA	Totals	8		3,376	3,376		61		100				4	10	86	33	8	77	0.78	43.7
Tota	ls		1.4	43,382	42,756		770		34	24	42	1	4	3	92	34	10	161	1.07	266.2

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TC	PSTNDSU	м				\$	Stand 7	Table Si	ummary				Page Date:	1 9/18/20	23
TTIN	RR5W S3	34 Ty00MC	ц -	18.	00		Project Acres	t T	RIFECT 18.0	0			Time: Grown Year:	11:57:1	4AM
S Spc T		Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	<b>BA/</b> Acre	Logs Acre	Average Net Cu.Ft.	e Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Tons	Totals Cunits	MBF
DF	12	2	88	103	12.732	10.00	25.46	13.2	60.0	9.55	335	1,528	172	60	28
DF	13	2	85	94	10.849	10.00	21.70	14.1	57.5	8.70	305	1,248	157	55	22
DF	14	1	86	100	4.677	5.00	9.35	17.8	70.0	4.74	166	655	85	30	12
DF	16	2	88	130	7.162	10.00	17.90	23.2	104.0	11,84	416	1,862	213	75	34
DF	17	1	85	105	3.172	5.00	3.17	41.1	180.0	3.72	130	571	67	23	10
DF	20	2	85	126	4.584	10.00	6.88	32.0	130.0	6.27	220	894	113	40	16
DF	21	1	85	122	2.079	5.00	6.24	34.8	133.3	6.19	217	832	111	39	15
DF	22	3	86	141	5.682	15.00	17.05	42.5	195.6	20.63	724	3,334 832	371 93	130 33	60 15
DF	23	1	86 86	126	1.733	5.00	5.20	35.0	160.0	5.19	182	832 3,390	399	55 140	61
DF	24 25	3 1	86 85	156 166	4.775 1.467	15.00 5.00	14.32 5.87	54.3 46.2	236.7 192.5	22.17 7.72	778 271	3,390 1,129	139	49	20
DF	25	2	85	158	2.712	10.00	8.14	40,2 64,4	296.7	14.95	524	2,414	269	49 94	43
DF DF	20	1	86	153	1.258	5.00	3.77	68.8	320.0	7,40	260	1,207	133	47	22
DF	28	5	85	154	5.847	25.00	18.71	69.7	337.5	37.16	1,304	6,314	669	235	114
DF	29	1	85	151	1.090	5.00	3.27	77.8	376.7	7,25	254	1,232	131	46	22
DF	30	1	86	153	1.019	5.00	3.06	85.7	416.7	7.47	262	1,273	134	47	23
DF	31	2	86	149	1.908	10.00	5.72	87.9	410.0	14.34	503	2,347	258	91	42
DF	34	1	89	147	.793	5.00	2.38	110.9	533.3	7.52	264	1,269	135	48	23
DF	35	1	85	147	.748	5.00	2.25	112.3	543.3	7.19	252	1,220	129	45	22
DF	38	1	86	163	.635	5.00	1.90	142.8	776.7	7.75	272	1,479	140	49	27
DF	42	1	85	183	.520	5.00	2.08	146.9	837.5	8.70	305	1,741	157	55	31
DF	43	1	86	166	.496	5.00	1.98	140.2	762.5	7.92	278	1,512	143	50	27
DF	Totals	36	86	125	75.936	180.00	186.40	44.1	205.4	234.37	8,223	38,282	4,219	1,480	689
RA	12	1	88	63	6.366	5.00	6.37	17.6	70.0	3.08	112	446	56	20	8
RA	13	1	74	75	5.424	5.00	5.42	17.9	60.0	2.67	97	325	48	17	6
RA	14	2	73	92	9.354	10.00	9.35	30.7	80.0	7.90	287	748	142	52	13
RA	16	3	73	97	10.743	15.00	14.32	33.4	100.0	13.14	478	1,432	236	86	26
RA	18	1	74	86	2.829	5.00	2.83	54.5	150.0	4.24	154	424	76	28	8
RA	Totals	8	76	85	34.717	40.00	38.30	29.5	88.2	31.03	1,129	3,376	559	203	61
ВМ	12	1	73	78	6.366	5.00	6.37	20.2	60.0	3.41	129	382	61	23	7
BM	16	2	73	101	7.162	10.00	7.16	27.4	100.0	5.20	196	716	94	35	13
BM	Totals	3	73	90	13.528	15.00	13.53	24.0	81.2	8.61	325	1,098	155	58	20
Totals		47	82	110	124.182	235.00	238.23	40.6	179.5	274.01	9,677	42,756	4,932	1,742	770

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	)GSTVB					<u> </u>	Stock Table -							Page		1
TT IN R	R5W S34 Ty	00MC	1	8.00		Proj Acre		IFECT 18	8.00					Date Time	9/1	8/2023 57:12AM
s		Log	Gross	Def	Net	%		Net Volu	me by S	Scaling Di	amete	r in Inch	es	T		
Spp Т	rt de	Len	MBF	%	MBF	Spc	2-3 4-5	6-7	8-9	10-11 1	2-13	14-15	16-19	20-23	24-29	30-39 40
DF	2M	26	9		9	1.4							9			
DF	2M	40	510	2.0	500	72.6					32	126	143	107	63	30
DF	3М	29	1		1	.1				1						
DF	3M	36	2		2	.3		2								
DF	3M	39	1		1	.2		1								
DF	3M	40	150		149	21.6		18	74	57			_			
DF	4M	13	0		0	.1		0								
DF	4M	14	1		1	.1		1		0						
DF	4M	15	2		2	.3		2								
DF	4M	17	2		2	.3		2								
DF	4M	21	5		5	7		5								
DF	4M	22	1		1	.1		1								
DF	4M	23	3		3	.4		3								
DF	4M	24	3		3	.5		3								
DF	4M	26	3		3	.4		3								
DF	4M	30	1		1	.2		1								
DF	4M	31	1		1	.2		1								
DF	4M	36	2		2	.3		2								
DF	4M	37	2		2	.2		2								
DF	Totals		700	1.6	689	89.5	,	47	74	58	32	126	152	107	63	30
BM	CR	22	5		5	26.1				5						
BM	CR	32	8		8	39.1		_		8				ļ		
BM	CR	34	7		7	34.8		7								
ВМ	Totals	_	20		20	2.6		7		13						
RA	CR	24	3		3	4.2		3								
RA	CR	34	6		6	9.6		6								
RA	CR	38	8		8	13.2		8	21	0						
RA	CR	40	44		44	72.9		6	31	8						<u></u>
RA	Totals	$\dashv$	61		61	7.9		22	31	8						
Total	All Species		781	1.4	770	100.0		76	105	78	32	126	152	107	63	30

	FATS					OJECT ROJECT		STICS FECT			PAGE DATE	1 9/18/2023
ГWР	RGE	SC	TRACT		ТҮРЕ		AC	RES	PLOTS	TREES	CuFt	BdFt
TIN	R5	34	00U1		00MC			95.00	39	248	S	W
T1N	R5W	34	00U2		00MC							
TIN	R5W	34	00U3		00MC							
						mp 12 10 10		ESTIMATED		ERCENT		
						TREES		TOTAL	2	SAMPLE		
			PLOTS	TREES		PER PLOT		TREES		TREES		
TOTA			39	248		6.4						
CRUI			39	248		6.4		11,898		2.1		
	COUNT DREST											
COUN												
BLAN												
100 %												
					STA	ND SUMM	ARY					
		SA	MPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
			TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
DOUG	G FIR		200	90.2	20,4	133	45.4	205.4	49,231	49,035	10,108	10,108
	G FIR-S		15	8.3	18.5	62	3.6	15.6	3		,	,
R ALI	DER		20	15.5	15.4	75	5.1	20.2	1,676	1,676	569	569
BL M	IAPLE		13	11.1	14.8	78	3.5	13.3	1,236	1,236	360	360
TOTA	AL		248	125.2	19.3	116	57.9	254.5	52,143	51,947	11,037	11,037
CON			ITS OF THE FIMES OUT		VOLUME	WILL BE V	VITHIN TI	HE SAMPLE E	RROR			
CL	68.1		COEFF	,		SAMPLI	E TREES -	BF	#	OF TREES R	EQ.	INF. POP.
SD:	1.0		VAR.%	S.E.%	L	OW	AVG	HIGH		5	10	1
			75,4	5.3		833	880	927				
DOUC DOUC	G FIR G FIR-S		75.4	5.5		000	000	)21		·-		
	G FIR-S		60.5	13.9		112	130	148		·		
DOUC R ALI BL M	G FIR-S DER APLE		60.5 94.0	13.9 27.1		112 132	130 182	148 231				
DOUC R ALI	G FIR-S DER APLE		60.5	13.9		112	130	148		339	85	3
DOUC R ALI BL M	G FIR-S DER APLE		60.5 94.0	13.9 27.1		112 132 687	130 182	148 231 772	#	339 OF TREES RI		3 INF. POP.
DOUC R ALI BL M. TOTA CL SD:	G FIR-S DER APLE AL 68.1 1.0		60.5 94.0 <i>92.2</i>	13.9 27.1	L	112 132 687	130 182 730	148 231 772	#			
DOUC R ALI BL M. TOTA CL SD: DOUC	G FIR-S DER APLE AL 68.1 1.0		60.5 94.0 <i>92.2</i> COEFF	13.9 27.1 5.8	L	112 132 687 SAMPLI	130 182 <i>730</i> E <b>TREES -</b>	148 231 772 CF	#	OF TREES RI	EQ.	INF. POP.
DOUC R ALI BL M. TOTA CL SD: DOUC	G FIR-S DER (APLE AL 68.1 1.0 G FIR G FIR-S		60.5 94.0 92.2 COEFF VAR.%	13.9 27.1 5.8 S.E.%	L	112 132 687 SAMPLI OW 167 39	130 182 <i>730</i> <b>E TREES -</b> AVG 175 45	148 231 772 CF HIGH 183 51	#	OF TREES RI	EQ.	INF. POP.
DOUC R ALL BL M. TOTA CL SD: DOUC DOUC R ALL BL M.	G FIR-S DER APLE AL 68.1 1.0 G FIR G FIR-S DER APLE		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3	L	112 132 687 SAMPLI OW 167 39 41	130 182 730 E TREES - AVG 175 45 53	148 231 772 CF HIGH 183 51 65	#	OF TREES RI 5	EQ. 10	INF. POP. 1
DOUC R ALL BL M. TOTA CL SD: DOUC R ALL	G FIR-S DER APLE AL 68.1 1.0 G FIR G FIR-S DER APLE		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3	13.9 27.1 5.8 S.E.% 4.7 13.4	L	112 132 687 SAMPLI OW 167 39	130 182 <i>730</i> <b>E TREES -</b> AVG 175 45	148 231 772 CF HIGH 183 51	#	OF TREES RI	EQ.	INF. POP. 1
DOUC R ALL BL M. TOTA CL SD: DOUC DOUC R ALL BL M.	G FIR-S DER APLE AL 68.1 1.0 G FIR G FIR-S DER APLE		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3	L	112 132 687 SAMPLI OW 167 39 41	130 182 730 E TREES - AVG 175 45 53 148	148 231 772 CF HIGH 183 51 65		OF TREES RI 5	EQ. 10 66	INF. POP.
DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA CL SD:	G FIR-S DER APLE <b>AL</b> 68.1 1.0 3 FIR 3 FIR-S DER APLE <b>AL</b> 68.1 1.0		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.%	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3		112 132 687 SAMPLI OW 167 39 41 140 TREES/A OW	130 182 730 E TREES - AVG 175 45 53 148	148 231 772 CF HIGH 183 51 65		OF TREES RI 5 263	EQ. 10 66	INF. POP. 1 2 INF. POP.
DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA CL SD: DOUC	G FIR-S DER APLE <b>AL</b> 68.1 1.0 3 FIR 3 FIR-S DER APLE <b>AL</b> 68.1 1.0 3 FIR		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3 5.1 S.E.% 12.0		112 132 687 SAMPLI OW 167 39 41 140 TREES/A OW 79	130 182 730 E TREES - AVG 175 45 53 148 CRE AVG 90	148 231 772 CF HIGH 183 51 65 155 HIGH 101		OF TREES RJ 5 263 OF PLOTS RJ	EQ. 10 66 EQ.	INF. POP. 1 2 INF. POP.
DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA CL SD: DOUC DOUC	G FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3 5.1 S.E.% 12.0 44.2		112 132 687 SAMPLI OW 167 39 41 140 TREES/A OW 79 5	130 182 730 E TREES - AVG 175 45 53 145 53 148 CRE AVG 90 8	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12		OF TREES RJ 5 263 OF PLOTS RJ	EQ. 10 66 EQ.	INF. POP. 1 2 INF. POP.
DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M.	G FIR-S DER APLE <b>4L</b> 68.1 1.0 3 FIR 3 FIR-S DER AL 68.1 1.0 3 FIR 3 FIR-S DER		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2 221.4	13.9 27.1 5.8 <u>S.E.%</u> 4.7 13.4 22.3 5.1 <u>S.E.%</u> 12.0 44.2 35.4		112 132 687 SAMPLI OW 167 39 41 140 TREES/A OW 79 5 10	130 182 730 E TREES - AVG 175 45 53 145 53 148 CRE AVG 90 8 16	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12 21		OF TREES RJ 5 263 OF PLOTS RJ	EQ. 10 66 EQ.	INF. POP. 1 2 INF. POP.
DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M.	G FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER AL 68.1 1.0 3 FIR 3 FIR-S DER APLE APLE		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2 221.4 350.4	13.9 27.1 5.8 <u>S.E.%</u> 4.7 13.4 22.3 5.1 <u>S.E.%</u> 12.0 44.2 35.4 56.1		112 132 687 SAMPLE OW 167 39 41 140 TREES/A OW 79 5 10 5	130 182 730 E TREES - AVG 175 45 53 148 ACRE AVG 90 8 16 11	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12 21 17		OF TREES RI 5 263 OF PLOTS RI 5	EQ. 10 66 EQ. 10	INF. POP. 1 2 INF. POP. 1
DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA CL SD: DOUC R ALL SD: DOUC R ALL	G FIR-S DER APLE 68.1 1.0 G FIR G FIR-S DER APLE 68.1 1.0 G FIR G FIR-S DER APLE APLE APLE APLE		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2 221.4	13.9 27.1 5.8 <u>S.E.%</u> 4.7 13.4 22.3 5.1 <u>S.E.%</u> 12.0 44.2 35.4		112 132 687 SAMPLI 0W 167 39 41 140 TREES/2 0W 79 5 10 5 10 5 115	130 182 730 E TREES - AVG 175 45 53 148 ACRE AVG 90 8 16 11 125	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12 21 17 136	#	OF TREES RI 5 263 OF PLOTS RI 5 106	EQ. 10 66 EQ. 10 27	INF. POP. 1 2 INF. POP. 1
DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA	G FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER AL 68.1 1.0 3 FIR 3 FIR-S DER APLE APLE		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2 221.4 350.4 51.6	13.9 27.1 5.8 <u>S.E.%</u> 4.7 13.4 22.3 5.1 <u>S.E.%</u> 12.0 44.2 35.4 56.1	L	112 132 687 SAMPLI 0W 167 39 41 140 TREES/2 0W 79 5 10 5 10 5 115	130 182 730 E TREES - AVG 175 45 53 148 ACRE AVG 90 8 16 11	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12 21 17 136	#	OF TREES RI 5 263 OF PLOTS RI 5	EQ. 10 66 EQ. 10 27	INF. POP. 1 2
DOUC R ALL BL M. TOTA SD: DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA	G FIR-S DER APLE <b>4L</b> 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2 221.4 350.4 51.6 COEFF	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3 5.1 S.E.% 12.0 44.2 35.4 56.1 8.3	L	112 132 687 SAMPLI OW 167 39 41 140 TREES/A OW 79 5 10 5 110 5 115 BASAL A	130 182 730 <b>5 TREES</b> - AVG 175 45 53 148 <b>ACRE</b> AVG 90 8 16 11 125 <b>AREA/ACI</b>	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12 21 17 136 RE	#	OF TREES RI 5 263 OF PLOTS RI 5 106 OF PLOTS RI	EQ. 10 66 EQ. 10 27 EQ.	INF. POP. 1 2 INF. POP. 1 <i>I</i> . INF. POP.
DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA	G FIR-S DER APLE <b>4L</b> 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2 221.4 350.4 51.6 COEFF VAR.%	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3 5.1 S.E.% 12.0 44.2 35.4 56.1 8.3 S.E.%	L	112 132 687 SAMPLI OW 167 39 41 140 TREES/A OW 79 5 10 5 115 BASAL A OW	130 182 730 <b>5 TREES</b> - AVG 175 45 53 148 <b>ACRE</b> AVG 90 8 16 11 125 <b>AREA/ACI</b> AVG	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12 21 17 136 RE HIGH	#	OF TREES RI 5 263 OF PLOTS RI 5 106 OF PLOTS RI	EQ. 10 66 EQ. 10 27 EQ.	INF. POP. 1 2 INF. POP. 1 <i>I</i> . INF. POP.
DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA	G FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2 221.4 350.4 51.6 COEFF VAR.% 58.3 264.5 207.5	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3 5.1 S.E.% 12.0 44.2 35.4 56.1 8.3 S.E.% 9.3 42.3 33.2	L	112 132 687 SAMPLI OW 167 39 41 140 TREES/A OW 79 5 10 5 115 BASAL A OW 186 9 13	130 182 730 <b>5 TREES</b> - AVG 175 45 53 148 <b>ACRE</b> AVG 90 8 16 11 125 <b>AVG</b> 205 16 20	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12 21 17 136 RE HIGH 225 22 27	#	OF TREES RI 5 263 OF PLOTS RI 5 106 OF PLOTS RI	EQ. 10 66 EQ. 10 27 EQ.	INF. POP. 1 2 INF. POP. 1 <i>I</i> . INF. POP.
DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA	G FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2 221.4 350.4 51.6 COEFF VAR.% 58.3 264.5 207.5 242.5	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3 5.1 S.E.% 12.0 44.2 35.4 56.1 8.3 S.E.% 9.3 42.3 33.2 38.8	L	112 132 687 SAMPLI OW 167 39 41 140 TREES/A OW 79 5 10 5 115 BASAL A OW 186 9 13 8	130 182 730 E TREES - AVG 175 45 53 148 ACRE AVG 90 8 16 11 125 AVG 205 16 20 13	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12 21 17 136 RE HIGH 225 22 27 18	#	OF TREES RI 5 263 OF PLOTS RI 5 106 OF PLOTS RI 5	EQ. 10 66 EQ. 10 27 EQ. 10 10	INF. POP. 1 2 INF. POP. 1 INF. POP. 1.
DOUC R ALI BL M. TOTA SD: DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA CL SD: DOUC R ALI BL M. TOTA	G FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2 221.4 350.4 51.6 COEFF VAR.% 58.3 264.5 207.5	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3 5.1 S.E.% 12.0 44.2 35.4 56.1 8.3 S.E.% 9.3 42.3 33.2	L	112 132 687 SAMPLI OW 167 39 41 140 TREES/A OW 79 5 10 5 115 BASAL A OW 186 9 13	130 182 730 <b>5 TREES</b> - AVG 175 45 53 148 <b>ACRE</b> AVG 90 8 16 11 125 <b>AVG</b> 205 16 20	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12 21 17 136 RE HIGH 225 22 27	#	OF TREES RI 5 263 OF PLOTS RI 5 106 OF PLOTS RI	EQ. 10 66 EQ. 10 27 EQ.	INF. POP. 1 2 INF. POP. 1 INF. POP. 1:
DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA	G FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2 221.4 350.4 51.6 COEFF VAR.% 53.3 264.5 207.5 242.5 39.1 COEFF	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3 5.1 S.E.% 12.0 44.2 35.4 56.1 8.3 S.E.% 9.3 42.3 33.2 38.8 6.3	L	112 132 687 SAMPLI OW 167 39 41 140 TREES/A OW 79 5 10 5 115 BASAL A OW 186 9 13 8 239 NET BF/A	130 182 730 E TREES - AVG 175 45 53 148 ACRE AVG 90 8 16 11 125 AREA/ACI AVG 205 16 20 13 255	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12 21 17 136 RE HIGH 225 22 27 18 270	#	OF TREES RI 5 263 OF PLOTS RI 5 106 OF PLOTS RE 5 61 OF PLOTS RE	EQ. 10 66 EQ. 10 27 EQ. 10 10 15	INF. POP. 1 2 INF. POP. 1 INF. POP. 1:
DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA CL SD: CL SD: CL SD:	G FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE AL 68.1 1.0 4 C 68.1 1.0 5 FIR 68.1 1.0 68.1 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 1.0 68.1 68.1 1.0 68.1 68.1 1.0 68.1 68.1 68.1 68.1 68.1 68.1 68.1 68.1		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2 221.4 350.4 51.6 COEFF VAR.% 58.3 264.5 207.5 242.5 39.1 COEFF VAR.%	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3 5.1 S.E.% 12.0 44.2 35.4 56.1 8.3 S.E.% 9.3 42.3 33.2 38.8 6.3 S.E.%		112 132 687 SAMPLI OW 167 39 41 140 TREES/A OW 79 5 10 5 115 BASAL A OW 186 9 13 8 239 NET BF/A OW	130 182 730 <b>E TREES</b> - AVG 175 45 53 148 <b>ACRE</b> AVG 90 8 16 11 125 <b>AVG</b> 205 16 20 13 255 <b>ACRE</b> AVG	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12 21 17 136 RE HIGH 225 22 27 18 270 HIGH	#	OF TREES RI 5 263 OF PLOTS RI 5 106 OF PLOTS RI 5 61	EQ. 10 66 EQ. 10 27 EQ. 10 10 15	INF. POP. 1 2. INF. POP. 1 INF. POP. 1:
DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA CL SD: DOUC R ALL BL M. TOTA	G FIR-S DER APLE AL 68.1 1.0 3 FIR 3 FIR-S DER APLE FIR 3 FIR-S DER APLE FIR 3 FIR-S DER APLE FIR $3$ FIR-S DER APLE 5 FIR $3$ FIR-S DER APLE FIR $3$ FIR-S DER APLE FIR $3$ FIR-S DER APLE FIR $3$ FIR-S DER APLE FIR $3$ FIR-S DER APLE FIR $3$ FIR-S DER APLE FIR $3$ FIR-S DER APLE		60.5 94.0 92.2 COEFF VAR.% 66.6 58.3 77.4 81.1 COEFF VAR.% 75.1 276.2 221.4 350.4 51.6 COEFF VAR.% 53.3 264.5 207.5 242.5 39.1 COEFF	13.9 27.1 5.8 S.E.% 4.7 13.4 22.3 5.1 S.E.% 12.0 44.2 35.4 56.1 8.3 S.E.% 9.3 42.3 33.2 38.8 6.3		112 132 687 SAMPLI OW 167 39 41 140 TREES/A OW 79 5 10 5 115 BASAL A OW 186 9 13 8 239 NET BF/A	130 182 730 <b>E TREES</b> - AVG 175 45 53 148 <b>ACRE</b> AVG 90 8 16 11 125 <b>AVG</b> 205 16 20 13 255 <b>ACRE</b>	148 231 772 CF HIGH 183 51 65 155 HIGH 101 12 21 17 136 RE HIGH 225 22 27 18 270	#	OF TREES RI 5 263 OF PLOTS RI 5 106 OF PLOTS RE 5 61 OF PLOTS RE	EQ. 10 66 EQ. 10 27 3Q. 10 15 3Q.	INF. POP. 1 2 INF. POP. 1 INF. POP. 1 2 1 2 1 2 1 2 1 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1

TC PST	TATS				PROJECT PROJECT		I <mark>STICS</mark> IFECT			PAGE DATE	<b>2</b> 9/18/2023
TWP	RGE	SC	TRACT	T	YPE	Α	CRES	PLOTS	TREES	CuFt	BdFt
TIN TIN TIN	R5 R5W R5W	34 34 34	00U1 00U2 00U3	00	MC MC MC		95.00	39	248	S	W
CL	68.1		COEFF		NET B	F/ACRE			# OF PLOT	S REQ.	INF. POP
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH		5	10	15
BL M	APLE		232.9	37.3	775	1,236	1,696				
TOT	AL		53.3	8.5	47,516	51,947	56,378		114	28	13
CL	68.1		COEFF		NET C	UFT FT/A	CRE		# OF PLOTS R	EQ.	INF. POP.
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15
DOU	G FIR		59.7	9.5	9,144	10,108	11,073				
DOU	G FIR-S										
R AL	DER		206.7	33.1	381	569	757				
BL M	APLE		225.2	36.0	230	360	489				
TOT	AL		49.4	7.9	10,165	11,037	11,910		98	24	11

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TC	PSPCSTGR
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### Species, Sort Grade - Board Foot Volumes (Project)

Тт	'IN RR5W S34	Tv00MC	,	32.00	[	Project:	TF	RIFEC	T							Page		1	
	'IN RR5W 834	•		45.00		Acres		95.	00							Date		18/202	
ТТ	1N RR5W \$34	Ту00МС	2	18.00				20.								Time	11	:18:1	BAM
		%					Per	cent of ]	Net Boa	rd Foot	Volume					Avera	age Log	3	Logs
	S So Gr	Net	Bd. Ft.	. per Acre		Total		Log Sc	ale Dia.			Log	Length		Ln	Dia	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MBF	4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	In	Ft	Lf	/Асте
DF	CU														27	9		0.00	15.4
DF	2M	73	.5	36,383	36,218	3,441			42	58		0		100	40	16	432	2.07	83.8
DF	3M	22	.3	10,851	10,820	1,028		99	1			1	1	98	40	9	111	0.69	97.7
DF	4M	5		1,997	1,997	190		100			19	37	30	14	25	6	35	0.34	57.0
DF	Totals	94	.4	49,231	49,035	4,658		26	31	43	1	2	1	96	36	11	193	1.11	254.0
RA	CU						l								3	12		0.00	1.0
RA	CR	100		1,676	1,676	159		82	18		2	9	4	85	36	8	94	0.88	17.9
RA	Totals	<u></u> 3		1,676	1,676	159		82	18		2	9	4	85	34	8	88	0.87	18.9
BM	CU														23	9		0.00	2.0
BM	CR	100		1,236	1,236	117		60	29	11		11	32	57	33	8	101	0.89	12.2
BM	Totals	2		1,236	1,236	117		60	29	11		11	32	57	32	9	87	0.79	14.2
												_							005.1
Total	S		0.4	52,143	51,947	4,935		29	31	40	1	2	2	95	36	10	181	1.08	287.1

тс	PSTNDSU	М					Stand 7	Fable Si	ımmary				Page Date:	1 9/18/20	23
		34 Ty00MC 34 Ty00MC		32 45			Projec	t T	RIFECT				Time:	11:18:1	4AM
		34 Ty00MC		18			Acres		95.0	00			Grown Year:		
S		Sample	FF	Tot Av	Trees/	BA/	Logs	Average Net	e Log Net	Tons/	Net Cu.Ft.	Net Bd.Ft.		Totals	
<b>Spc</b> T	DBH	Trees	16'	Ht	Acre	Acre	Acre	Cu.Ft.	Bd.Ft.	Acre	Acre	Acre	Tons	Cunits	MBF
DF	9	2	86	74	4.692	2.07	4.69	8.5	40.0	1.13	40	188	107	38	18
DF	10 11	1 2	36 88	20 109	1.930 3.141	1.05 2.07	6.28	10.4	47.5	1.86	65	298	177	62	28
DF DF	12	8	88	105	10.392	8.16	19.46	13.6	59.3	7.54	265	1,154	716	251	110
DF	13	4	87	111	4.340	4.00	8.68	16.2	69.3	4.00	140	602	380	133	57
DF	14	3	87	115	2.825	3.02	5.65	20.0	87.2	3.23	113	492	306	108	47
DF	15	5	88	125	4.249	5.21	9.34	22.1	100.1	5.88	206	935	559	196	89
DF	16	12	85	111	8.873	12.39	17.66	22.5	102.4	11.30	397	1,809	1,074	377	172
DF	17	6	87	112	3.920	6.18	4.57	32.2	130.8	4.19	147	597	398	140	57
DF	18	7	87	141	4.133	7.30	11.81	28.4	123.0	9.55	335	1,453	908	318	138
DF	19	5	89	138	2.665	5.25	7.99	30.0	132.0	6.83	240	1,055	649	228 510	100 230
DF	20 21	13 14	87 89	132 144	6.161 6.049	13.44 14.55	15.73 18.15	34.1 39.6	153,9 188,2	15.31 20.46	537 718	2,421 3,416	1,454 1,944	682	325
DF DF	21	14 17	89 87	144	6.629	14.55	18.71	43.7	205.5	20.40	817	3,844	2,213	777	365
Dr DF	23	10	89	146	3,589	10.36	10.77	48.3	226.7	14.81	520	2,441	1,407	494	232
DF	24	17	88	159	5,570	17.50	17.71	52.5	249.9	26.52	931	4,425	2,519	884	420
DF	25	9	87	138	2.715	9.26	6.60	55.9	256.0	10.52	369	1,690	999	351	161
DF	26	8	88	160	2.209	8.15	7.47	58.9	289.6	12.54	440	2,163	1,192	418	206
DF	27	8	89	162	2.067	8.22	7.25	63.0	330.0	13.02	457	2,392	1,237	434	227
DF	28	19	88	153	4.520	19.33	14.02	68.2	353.6	27.26	956	4,957	2,590	909	471
DF	29	7	87	162	1.566	7.18	5.38	72.7	373.8	11.14	391	2,009	1,058	371	191
DF	30	5	87	153	1.038	5.09	2.90	76.8	392.4	6.35	223 383	1,139	603 1,037	212 364	108 184
DF	31 32	8 7	86 87	146 161	1.554 1.305	8.15 7.29	4.65 4.47	82.3 88.1	417.3 455.9	10.92 11.22	383 394	1,942 2,038	1,066	304	184
DF DF	33	2	87	163	.352	2.09	1.23	92.8	433.9	3.25	114	592	309	108	56
DF	34	3	88	152	.482	3.04	1.44	109.2	550.6	4.49	158	795	427	150	76
DF	35	2	86	157	.297	1.98	1.05	101.1	528.0	3.01	106	552	286	100	52
DF	36	1	86	179	.147	1.04	.59	106.2	587.5	1.78	62	345	169	59	33
DF	37	2	89	164	.280	2.09	.98	122.0	682.9	3.40	119	668	323	113	63
DF	38	3	85	162	.386	3.04	1.29	127.2	689.6	4.68	164	890	445	156	85
DF	40	1	86	178	,119	1.04	.48	129.0	737.5	1.75	61	350	166	58	33
DF	41	1	87	184	.113	1.04	.45	142.4	837.5	1.83	64	379	174	61	36
DF	42	1	85	183	.098	.95	.39	146.9	837.5	1.65	58	330	157	55	31
DF DF	43 45	1 1	86 87	166 184	.094 .095	.95 1.05	.38 .38	140.2 171.3	762.5 1012.5	1.50 1.86	53 65	287 386	143 177	50 62	27 37
DF	Totals	215	86	104	98,593	221.00	238.60	42.4	205.5	288.09	10,108	49,035	27,368	9,603	4,658
		1	85	54	1.595	1.05	1.60	13.4	50.0	.59	21	49,035	56	20	4,050
RA RA	11 12	1	88	54 63	1.393	.95	1.00	17.6	70.0	.59	21	80 84	56	20	8
RA RA	12	2	82	69	2.170	2.00	2.17	17.6	65.3	1.17	42	142	111	40	13
RA	14	2	73	92	1.772	1.89	1.77	30.7	80.0	1.50	54	142	142	52	13
RA	15	3	85	67	2.573	3.16	2.57	30.1	93.3	2.13	77	240	202	73	23
RA	16	3	73	97	2.036	2.84	2.71	33.4	100.0	2.49	91	271	236	86	26
RA	17	2	74	65	1.336	2.11	1.34	41.5	80.0	1.52	55	107	145	53	10
RA	18	2	73	80	1.132	2.00	1.13	53.5	134.2	1.66	60	152	158	57	14
RA	19	1	92	88	.526	1.04	1.05	33.7	145.0	.98	35	153	93	34	15
RA	20	1	73	89	.482	1.05	.96	38.6	110.0	1.02	37	106	97	35	10
RA RA	23 24	1 1	74 74	90 80	.365 .335	1.05 1.05	.73 .67	51.9 52.6	145.0 140.0	1.04 .97	38 35	106 94	99 92	36 34	10 9
RA	Totals	20	79	75	15.528	20.19	17.92	31.8	93.6	15.65	569	1,676	1,487	541	159
														41	20
BM BM	10 11	2 1	90 74	68 88	3.801 1.570	2.07 1.04	3.80 1.57	11.3 14.7	55.0 50.0	1.14 .61	43 23	209 79	109 58	41 22	20 7
ВМ	12	1	74 73	78	1.370	.95	1.37	20.2	60.0	.65	23	79	61	22	7

тс	PSTNDSU	м				,	Stand 7	Table Si	ummary				Page Date:	2 9/18/202	3
TTIN	RR5W SS	34 Ty00MC 34 Ty00MC 34 Ty00MC		32. 45. 18.			Project Acres	t T	RIFECT 95.0	0			Time: Grown Year:	11:18:14	AM
S Spc T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	<b>BA/</b> Acre	Logs Acre	Average Net Cu.Ft.	e Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Tons	Totals Cunits	MBF
BM	16	3	73	86	2.111	2.95	2.11	30.4	89.3	1.70	64	188	162	61	18
вм	17	1	74	67	.658	1.04	.66	42.3	90.0	.74	28	59	70	26	6
ВМ	22	1	92	88	.399	1.05	.80	47.9	205.0	1.01	38	163	96	36	16
BM	23	2	83	81	.730	2.11	1.09	64.3	216.7	1.86	70	237	177	67	23
ВМ	24	1	74	75	.335	1.05	.34	89.4	200.0	.79	30	67	75	28	6
BM	25	1	93	88	.309	1.05	.62	62.4	260.0	1.02	39	161	97	37	15
BM	Totals	13	81	78	11.118	13.30	12.19	29.5	101.4	9.53	360	1,236	906	342	117
Totals		248	85	116	125,239	254.50	268.70	41.1	193,3	313.28	11,037	51,947	29,761	10,485	4,935

TC PLC	OGSTVB		_		Log	Stock	Table -	MBF					i i i			
TTIN R	R5W S34 T R5W S34 T R5W S34 T	у00МС	2 45	2.00 5.00 3.00	Proj Acre		TRI	FECT 95	5.00					Page Date Time		1 8/2023 18:12AM
S	~~ ~.	Log	Gross	Def Net	%				-	-		r in Inch		r —		
Spp т	rt de	Len	MBF	% MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39 40+
DF	2M			9									9			6
DF	2M	40	3,447	3,431	73.7						440	669	1184	815	257	65
DF	3M	24	2	2	.0				1	1						
DF	3M	26	1	1	.0				1							
DF	3M	29	3	3	.1					3						
DF	3M	33	2	2	.0			2								
DF	3M	34	5	5	.1			2	3							
DF	3M	35	6	6	.1				6							
DF	3M	36	4	4	.1			4								
DF	3M			2				2								
DF	3M			9				8	1							ан. С
DF	3М			8				8								
DF	3M	40	989	986	21.2			172	317	490	8					
DF	4M	12	1	1	.0			1								
DF	4M	13	2	2	.0			2								
DF	4M	14	4	4	.1			4		0						
DF	4M	15	3	3	.1			2	0							
DF	4M	16	3	3	.1			3	:							
DF	4M	17	13	13	.3			12	1							
DF	4M	18	4	4	.1			4								
DF	4M	19	2	2	.0			2								
DF	4M	20	5	5	.1			3	1							
DF	4M	21	5	5	.1			5								
DF	4M	22	. 7	7	.1			6	1							
DF	4M		7	7				7								
DF	4M		9	9	.2			9								
DF	4M		2	2	0.			2								
DF	4M		6	6				6								
DF	4M		6	6				6								
DF	4M		11	11				11								
DF	4M		11	11				11								
DF	4M		7	7				7								
DF	4M		12	12				12								
DF	4M		9	9				9								
DF	4M	33	2	2				2								
DF	4M	34	21	21	.5			21								
DF	4M	35	13	13	.3			13								

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TC PLO	OGSTVB			<u></u>	Log	Stock	Table -	MBF			<del>~</del> .					
TT IN RR5W S34 Ty00MC         32.00           TT IN RR5W S34 Ty00MC         45.00           TT IN RR5W S34 Ty00MC         18.00			45.00	Project: TRIFECT Acres 95.00							Page         2           Date         9/18/2023           Time         11:18:12AM					
s	So Gr	Log	Gross	Def Net	%		1	Net Volu	ne by S	caling D	Diamete	r in Inch	es			
<b>Spp</b> Т	rt de	Len	MBF	% MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39 40+
DF	4M	36	2	2	.0			2								
DF	4M	37	2	: 2	.0			2						[		
DF	4M	40	23	23	.5			11	12							
DF	Totals		4,677	4,658	94.4			373	342	495	448	669	1194	815	257	65
RA	CR	20	3	3	1.6				3							
RA	CR	22	1	1	8			1								
RA	CR	24	4	. 4	2.8			4								
RA	CR	29	9	, 9	5.8			9								
RA	CR	34	6	6	3.7			6								
RA	CR	38	14	14	8.6			14								
RA	CR	40	122	122	. 76.7			18	60	16	28					
RA	Totals		159	159	3.2			53	63	16	28					
BM	CR	22	5	5	4.4					5						
BM	CR	28	7	7	6.4			7								
BM	CR	31	11	11	9.3			11								
ВМ	CR	32	8	8	6.6					8						
ВМ	CR	33	13	13	10.7			13								
BM	CR	34	7	7	5.9			7								
BM	CR	37	2	2	2.1			2								
BM	CR	39	5	5	4.3			5								
ВМ	CR	40	59	59	50.4				6	6	6	14	27			
ВМ	Totals		117	117	2.4			45	6	19	6	14	27			
Total	All Species		4,954	4,935	100.0			471	411	530	482	683	1221	815	257	65

#### Volume Summary (Shown in MBF) Trifecta FG-341-2024-W01023-01 January 2024

<u>UNIT 1: MC</u>	UNIT 1: MC (32 ACRES)								
SPECIES		2 SAW	3 SAW	4 SAW	Camp Run	TOTAL			
	Cruise Volume	1,675	408	89	0	2,172			
Douglas-fir	Hidden D&B (2%)	(34)	(8)	(2)	(0)	(44)			
Douglas-III	NET TOTAL	1,641	400	87	0	2,128			
	% of Total	77	19	4	0				
	Cruise Volume	0	0	0	15	15			
Red alder	Hidden D&B (5%)	(0)	(0)	(0)	(1)	(1)			
Neu aluei	NET TOTAL	0	0	0	14	14			
	% of Total	0	0	0	100				
	Cruise Volume	0	0	0	33	33			
Bigleaf maple	Hidden D&B (5%)	(0)	(0)	(0)	(2)	(2)			
	NET TOTAL	0	0	0	31	31			
	% of Total	0	0	0	100				

## UNIT 2: MC (45 ACRES)

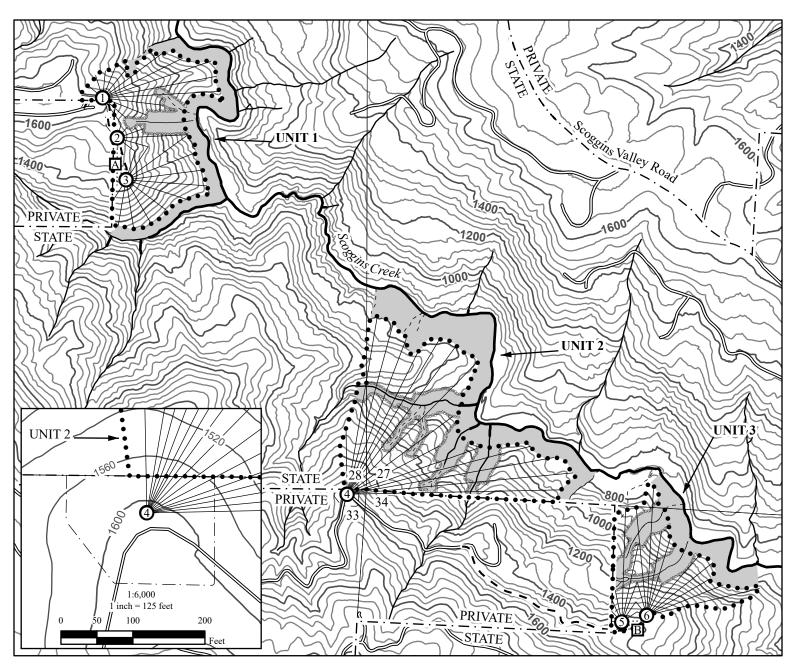
SPECIES		2 SAW	3 SAW	4 SAW	Camp Run	TOTAL
	Cruise Volume	1,256	466	74	0	1,796
Dougloo fir	Hidden D&B (2%)	(25)	(9)	(1)	(0)	(35)
Douglas-fir	NET TOTAL	1,231	457	73	0	1,761
	% of Total	70	26	4	0	
	Cruise Volume	0	0	0	84	84
Red alder	Hidden D&B (5%)	(0)	(0)	(0)	(4)	(4)
Reu aluei	NET TOTAL	0	0	0	80	80
	% of Total	0	0	0	100	
	Cruise Volume	0	0	0	65	65
Bigleaf maple	Hidden D&B (5%)	(0)	(0)	(0)	(3)	(3)
	NET TOTAL	0	0	0	62	62
	% of Total	0	0	0	100	

### UNIT 3: MC (18 ACRES)

SPECIES		2 SAW	3 SAW	4 SAW	Camp Run	TOTAL
	Cruise Volume	510	153	26	0	689
Douglas-fir	Hidden D&B (2%)	(10)	(3)	(1)	(0)	(14)
Douglas-III	NET TOTAL	500	150	25	0	675
	% of Total	74	22	4	0	
	Cruise Volume	0	0	0	61	61
Red alder	Hidden D&B (5%)	(0)	(0)	(0)	(3)	(3)
Reu aluei	NET TOTAL	0	0	0	58	58
	% of Total	0	0	0	100	
	Cruise Volume	0	0	0	20	20
Bigleaf	Hidden D&B (5%)	(0)	(0)	(0)	(1)	(1)
maple	NET TOTAL	0	0	0	19	19
	% of Total	0	0	0	100	

## SALE TOTAL

SPECIES	2 SAW	3 SAW	4 SAW	Camp Run	TOTAL
Douglas-fir	3,372	1,007	185	0	4,564
Red alder	0	0	0	152	152
Bigleaf maple	0	0	0	112	112
Total	3,372	1,007	185	264	4,828



#### Legend

- • Timber Sale Boundary
- Posted Stream Buffer Boundary
- : \_\_· ODF Ownership Boundary
- Surfaced Road
- New Road Construction
- \_\_\_\_. Reprod Clearing Area
- Type-F Stream
- Type-N Stream Perennial
- - · Type-N Stream Seasonal

Stream Buffer

Cable Yarding Area

:: Tractor Yarding Area

O Cable Landing

Tractor Landing

Section Line 40 Foot Contour Band

.....

200 Foot Contour Band

## LOGGING PLAN

FOR TIMBER SALE CONTRACT #FG-341-2024-W01023-01 TRIFECTA PORTIONS OF SECTIONS 27, 28 & 34, T1N, R5W, W.M., WASHINGTON COUNTY, OREGON

> Forest Grove District GIS January, 2024 This product is for informational use and may not be suitable for legal, engineering, or surveying purposes.

#### 1:12,000

1 inch = 1,000 feet

2,000

Feet

500 1,000

0

APROXIMATE NET ACRES

	TRACTOR	CABLE
UNIT 1 UNIT 2 UNIT 3	1 0 1	31 45 17
TOTAL	2	93