



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Kinney GNA
Sale NC-341-2026-GF8723-01

District: N Cascade

Date: November 03, 2025

Cost Summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$137,217.52	\$0.00	\$137,217.52
		Project Work:	(\$132,498.72)
		Advertised Value:	\$4,718.80



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Kinney GNA
Sale NC-341-2026-GF8723-01

District: N Cascade

Date: November 03, 2025

Timber Description

Location: Portions of T10S, R05E, Sections 19 & 30, W.M. Linn County, Oregon

Stand Stocking: 80%

Specie Name	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	13	0	98
Western Hemlock / Fir	13	0	98

Volume by Grade	2S	3S & 4S 6"-11"	Total
Douglas - Fir	86	1,005	1,091
Western Hemlock / Fir	0	57	57
Total	86	1,062	1,148

Comments: SOURCE OF POND VALUES

Pond Values Used: Local Pond Values, July, 2025..

PRICING FOR ANY SPECIES THAT DOES NOT HAVE ANY VOLUME LISTED IN THE APPRAISAL

Western redcedar and Other Cedars Stumpage Price = Pond Value minus Logging Cost:
 $\$650/\text{MBF} = \$1,300/\text{MBF} - \$650/\text{MBF}$

Red Alder and Other Hardwoods Stumpage Price = Pond Value minus Logging Cost:
 $\$70/\text{MBF} = \$570/\text{MBF} - \$500/\text{MBF}$

PULP PRICE

Pulp (Conifer and Hardwood) Price = \$1/TON

IDENTIFY OTHER COSTS WITH PROFIT & RISK TO BE ADDED

None

IDENTIFY OTHER COSTS WITH NO PROFIT & RISK ADDED

Prior to wet weather season or heavy rain events, landings and temporary roads water barred:

$\$1,000/\text{season} \times 1 \text{ seasons} = \$1,000$

Primary skid trail subsoiled to depth of 20 inches, water bars installed, seeded, mulched and entrance blocked: $\$500/\text{skid trail} \times 6 \text{ trails} = \$3,000$

Seeding and application of weed-free straw of all disturbed sites with seed provided by STATE (disposal sites and other areas determined by STATE): FLAT RATE = \$2,000

Intermediate support/tail trees: $\$100/\text{support} \times 30 \text{ supports} = \$3,000$

Artificial anchor (deadman): $\$1,000/\text{anchor} \times 5 \text{ anchors} = \$5,000$

Firewood sorting and landing piling: $\$180/\text{landing} \times 5 \text{ landings} = \900

Machine time to block roads and skid trails: $1 \text{ hour} \times \$150/\text{hour} = \150

Tree Marking: $1 \text{ person} \times 120 \text{ hours} \times \$25/\text{hour} + \$200 \text{ supplies} = \$3,200$

Unit 1 Additional non-project road construction and decommission: $(500\text{ft} \times \$10/\text{ft construction}) + (500\text{ft} \times \$5 \text{ decommission}) = \$7,500$

TOTAL Other Costs (No Profit & Risk added) = \$30,570

IDENTIFY SLASH DISPOSAL COSTS

SLASH DISPOSAL COSTS

In-Unit Piling: $\$50/\text{acre} \times 28 \text{ acres} = \$1,400$

Move-In: $((\$120/\text{hour loaded transport}) + (\$25/\text{hour} \times 2 \text{ pilots})) \times 4 \text{ hour Move-In Cycle for } 1 \text{ Excavator} = \680

Equipment Weed Wash: $((\$120/\text{hour loaded transport}) + (\$50/\text{hour} \times 1 \text{ pilot/wash personnel})) \times 2.5 \text{ hour wash time} = \425

Pile landing slash = $15 \text{ piles} \times \$100/\text{hr} = \$1,500$

Roadside grapple piling along roads = $\$1,000/\text{mile} \times 2.82 \text{ miles} = \$2,820$

Covering Piles: $(\$12/\text{pile} \times 71 \text{ piles}) + (\$22/\text{hour} \times 2 \text{ covering personnel} \times 24 \text{ hours}) = \$1,908$

TOTAL Slash Disposal Costs = \$8,733

Total Road Maintenance: $\$4,820/1,148\text{MBF} = \$4.20/\text{MBF}$

ADDITIONAL COMMENTS

Sale area contains pink and orange centerline ROW flagging from an unknown source. This flagging is to be ignored when marking ROW for temporary road improvements.



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Kinney GNA
Sale NC-341-2026-GF8723-01

District: N Cascade

Date: November 03, 2025

Logging Conditions

Combination#:	1	Douglas - Fir	46.01%
Logging System:	Shovel		Process: Harvester Head Delimbing
yarding distance:	Medium (800 ft)		downhill yarding: No
tree size:	Small / Thinning 10in (90 Bft/tree), 18-20 logs/MBF		
loads / day:	10		bd. ft / load: 3700
cost / mbf:	\$270.27		
machines:	Forwarder Harvester		

Combination#:	2	Douglas - Fir	53.99%
		Western Hemlock / Fir	100.00%
Logging System:	Cable: Small Tower <=40		Process: Harvester Head Delimbing
yarding distance:	Medium (800 ft)		downhill yarding: No
tree size:	Small / Thinning 10in (90 Bft/tree), 18-20 logs/MBF		
loads / day:	4		bd. ft / load: 3700
cost / mbf:	\$502.10		
machines:	Log Loader (A) Forwarder Harvester Tower Yarder (Small)		



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Kinney GNA
Sale NC-341-2026-GF8723-01

District: N Cascade

Date: November 03, 2025

Logging Costs

Operating Seasons: 2.00

Profit Risk: 12%

Project Costs: \$132,498.72

Other Costs (P/R): \$0.00

Slash Disposal: \$8,733.00

Other Costs: \$25,750.00

Miles of Road

Road Maintenance: \$4.20

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

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	3.0	3.5
Western Hemlock / Fir	\$0.00	3.0	3.5



Timber Sale Appraisal
Kinney GNA
Sale NC-341-2026-GF8723-01

District: N Cascade

Date: November 03, 2025

Logging Costs Breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Brand & Paint	Other	Total
Douglas - Fir									
\$395.43	\$4.28	\$7.65	\$121.43	\$0.00	\$63.45	\$7.61	\$2.00	\$22.43	\$624.28
Western Hemlock / Fir									
\$502.10	\$4.28	\$7.65	\$121.43	\$0.00	\$76.26	\$7.61	\$2.00	\$22.43	\$743.76

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$750.00	\$125.72	\$0.00
Western Hemlock / Fir	\$0.00	\$744.76	\$1.00	\$0.00



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Kinney GNA
Sale NC-341-2026-GF8723-01

District: N Cascade

Date: November 03, 2025

Summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00
Western Hemlock / Fir	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	1,091	\$125.72	\$137,160.52
Western Hemlock / Fir	57	\$1.00	\$57.00

Gross Timber Sale Value

Recovery: \$137,217.52

Prepared By: Connor Reardon

Phone: 541-780-4586

KINNEY GNA PROJECT COSTS

Project No. 1

ROAD IMPROVEMENT:

		Rocking			
Segments	Length	Pit Run 6"+	Soil (end haul)	1.5" - 0" Crushed	Culverts 1.5" - 0"
A to B	255+50		1,400 cy		
B to C	119+85	60 cy	340 cy	1,012 cy	
C to D	30+02	60 cy	100 cy	600 cy	
Totals	405+37	120 cy	1,840 cy	1,613 cy	
				\$	100,504.31
Total Miles		7.68	Move-In:		\$ 8,290.00
			Project No. 1		\$ 108,794.31

ROCK SOURCES:

Rock Totals		
Location	Size of Rock	Needed for Roads
Commerical	Pit Run 6"+	Landing
Commerical	1.5" - 0" Crushed	120 cy
		1,613 cy

ROAD BRUSHING

Project No. 2

Segments	Length (ft)	Length (mile)	Brushing Type (L, M, H)	Cost/Mile	Operator Costs (\$200/mile)	Total Cost
A to B	255+50	4.84	M	\$ 2,000.00	\$ 967.80	\$ 2,967.80
B to C	119+85	2.27	M	\$ 2,000.00	\$ 453.98	\$ 2,453.98
C to D	30+02	0.57	H	\$ 2,500.00	\$ 113.71	\$ 2,613.71
Totals		405+37	7.68		\$ 8,035.49	
Total Miles				7.68	Move-In: \$ 1,185.00	
					Project No. 2 \$ 9,220.49	

IMPROVEMENT AND VACATE/DECOMMISSION OF
TEMPORARY ROADS AND LANDINGS

Existing Temp Road Improvement					Existing Temp Road decommission (20" depth)	
Segment	Affected Unit	Length (ft)	Length(mile)	Cost (\$4000/mi)	Cost (\$3,000/mile)	Total Cost
B1 to B2	4 & 2	2,774.49	0.53	\$ 2,101.89	\$ 1,576.41	\$ 3,678.30
B3 to B4	4 & 2	1,872.19	0.35	\$ 1,418.33	\$ 1,063.74	\$ 2,482.07
C1 to C2	3	1,643.25	0.31	\$ 1,244.89	\$ 933.66	\$ 2,178.55
Totals		6,289.93	0.88	\$ 4,765.10	\$ 3,573.82	\$ 8,338.92

Construction of Landings		
# of New Landing	\$/landing	Total Cost
4	\$ 200.00	\$ 800.00

Decommission of new and non-project landings		
		Total Cost
15	\$ 200.00	\$ 3,000.00
Move-In:		\$ 2,345.00
Project No 3		\$ 14,483.92

TOTAL OF ALL PROJECT CREDITS	\$ 132,498.72
------------------------------	---------------

Slash Disposal Breakdown

Move-in				
\$/hr loaded transport	\$/hr x # of pilots	# of hours move in cycle	# of equipment (excavator)	Total
120	50	4	1	\$ 680.00

Equipment Weed Wash				
\$/hr loaded transport of pilots/wash personell	Wash time	# of equipment (excavtor)		Total
120	50	2.5	1	\$ 425.00

Roadside Grapple Piling along system roads and temp spurs				
\$/mile	# of Miles			Total
1000	2.82	\$		2,820.00

Pile landing slash				
# of piles	\$/hr			Total
15	100	\$		1,500.00

In Unit Piling (2 per acre)				
# of acres	\$/acre			Total
28	\$50	\$		1,400.00

Covering Piles				
\$/pile	# of Piles	\$/hr x # of personell x # of hours		Total
12	71	1056	\$	1,908.00

Total Slash Disposal Costs = \$ 8,733.00

Other Costs with Profit and Risk to be Added

Prior to wet weather season or heavy rain events, landings and temporary roads water barred:				
	\$/season	# of Seasons		Total
	\$ 1,000.00	1	\$	1,000.00
Primary skid trail subsoiled to depth of 20 inches, water bars installed, seeded, mulched and entrance blocked:				
	\$/skid trail	# of skid trails		Total
	\$ 500.00	6	\$	3,000.00
Seeding and application of weed-free straw of all disturbed sites with seed provided by STATE (disposal sites and other areas determined by STATE)				
FLAT RATE =			\$	2,000.00
Intermediate support/tail trees:				
	\$/support	# of Supports		Total
	\$ 100.00	30	\$	3,000.00
Artificial anchor (dead man):				
	\$/achor	#/anchor		Total
	\$ 1,000.00	5	\$	5,000.00
Firewood sorting & landing piling:				
	# of landings	\$/landings		Total
	5	180.00	\$	900.00
Machine Time to Block/waterbar roads and skid trails				
	# of hours	\$/hr		Total
	1	150.00	\$	150.00
Tree Marking (painting Rx, corridors, landings, etc.)				
# of personal	# of hours	\$/hour	Supplies	Total
1	120	\$ 25.00	200.00	\$ 3,200.00
Additional Non-Project Road construction and Decommission Unit 1				
Length(ft)	Construction (\$/ft)	Decommission (\$/ft)		
500	\$ 10.00	\$ 5.00	\$	7,500.00
Total Other Costs =			\$	25,750.00

Identify Road Maintenance Costs

Move In	Total		\$	2,000.00
General Road Maintenance	# of miles	\$/mile	Total	
		2.82	\$	1,000.00
			\$	2,820.00
Total Road Maintenance	total general road mainten		Total Net Volume (mbf)	\$/MBF
	\$	4,820.00	1,148	\$ 4.20

PROJECT NO. 1

ROAD IMPROVEMENT

Sale: KINNEY GNA Total Length (ft) 25,550 Road Name: USFS 2212 Road Segment: A to B

ROAD IMPROVEMENT:

Quantity Station or Acre	Designed Cubic Yards/Station			Cost per	
	Pit run 6"+	1.5"- 0"	Bedding 1.5"	Station or Acre	Sum \$
255+50			1,400 cy	\$ 25.00	\$ 6,387.50
36				\$ 20.00	\$ 720.00
SUB-TOTAL					\$ 7,107.50

Road Improvement - Ditch Reestablishment,
endhaul material
Culvert Clearing

SURFACING:

Size	Roads	Landing	Ditch Soils	Two-way Junctions	Culvert Bedding	Turn outs	Dissipator (cy/pipe)	Total	Haul only	Cost
1.5"- 0"								cy	\$ 30.53	\$ -
other (end haul)			1,400 cy					1,400 cy	\$ 11.75	\$ 16,452.43
Pit Run 6"+								cy	\$ 31.66	\$ -
Total = 1,400 cy									.	
SUB-TOTAL										\$ 16,452.43

GRAND TOTAL \$ 23,559.93

PROJECT NO. 1

ROAD IMPROVEMENT

Sale: KINNEY GNA 11,985 Road Name: USFS 634 Road Segment: B to C

Total Length (ft)

ROAD IMPROVEMENT:

Quantity Station or Acre	Designed Cubic Yards/Station			Cost per	
	Pit run 6"+	1.5"- 0"	Bedding 1.5"	Soil	Station or Acre
76±04		1 cy			\$ 75.00 \$ 5,703.00
43±81		20 cy			\$ 75.00 \$ 3,285.75
119±85				340 cy	\$ 25.00 \$ 2,996.25
8					\$ 20.00 \$ 160.00
2		30 cy			\$ 75.00 \$ 150.00
2	30 cy				\$ 250.00 \$ 500.00
SUB-TOTAL					\$ 12,795.00

Road Improvement (spot rocking)
Road Improvement (grading, debris removal, lift)
Road Improvement (Ditch Reestablishment)
Culvert Clearing (as needed)
Turnaround
Landings

SURFACING:

Size	Roads	Landing	Ditch Soils	Two-way Junctions	Culvert Bedding	Turn outs	Dissipator (cy/pipe)	Total	Haul only	Cost
1.5" - 0"	952 cy					60 cy		1,012 cy	\$ 30.53	\$ 30,898.98
other (end haul)			340 cy					340 cy	\$ 11.75	\$ 3,995.59
Pit Run 6"+		60 cy						60 cy	\$ 31.66	\$ 1,899.85
Total = 1,412 cy										
SUB-TOTAL										\$ 36,794.43

GRAND TOTAL \$ 49,589.43

PROJECT NO. 1

ROAD IMPROVEMENT

Sale: KINNEY GNATotal Length (ft) 3,002Road Name: USFS 637Road Segment: C to DROAD IMPROVEMENT:

Road Improvement (rocking with grade and roll)
Ditch Improvement (touch up, endhaul)
Culvert Clearing (as needed)
Landing (instalation/decommission)
Waterbar Installation
Road Blocking (at Segment C)

Quantity	Designed Cubic Yards/Station				Cost per	
Station or Acre	Dissapator 6"+	1.5"- 0"	Bedding 1.5"	Soil	Station or Acre	Sum \$
30+02		20 cy			\$ 75.00	\$ 2,251.50
30+02				100 cy	\$ 50.00	\$ 1,501.00
2					\$ 500.00	\$ 500.00
2	30 cy				\$ 250.00	\$ 500.00
20					\$ 50.00	\$ 1,000.00
1					\$ 200.00	\$ 200.00
SUB-TOTAL						\$ 5,952.50

SURFACING:

Size	Roads	Landing	Ditch Soils	Two-way Junctions	Culvert Bedding	Turn outs	Dissipator (cy/pipe)	Total	Haul only	Cost
1.5"- 0"	600 cy							600 cy	\$ 30.53	\$ 18,327.42
other			100 cy					100 cy	\$ 11.75	\$ 1,175.17
Pit Run 6"+		60 cy						60 cy	\$ 31.66	\$ 1,899.85
Total =								760 cy		
SUB-TOTAL									\$	21,402.45

GRAND TOTAL \$ 27,354.95

KINNEY GNA

Move In Costs Project No. 1							
No.	Equipment Description	Transport Cost	Hours of Transport	Cost To Move	Weedwash Time (hrs)	Weedwash Labor (\$65/hr)	Total Cost
1	Grader	\$ 180.00	6	\$ 1,080.00	2	\$ 130.00	\$ 1,210.00
1	Rollers & Compactor	\$ 165.00	6	\$ 990.00	2	\$ 130.00	\$ 1,120.00
1	Excavator	\$ 220.00	6	\$ 1,320.00	6	\$ 390.00	\$ 1,710.00
0	Small backhoe	\$ 165.00	6	\$ 990.00	3	\$ 195.00	\$ -
1	Tractors Dozer (D5 - D8)	\$ 220.00	6	\$ 1,320.00	6	\$ 390.00	\$ 1,710.00
2	Dump Truck (10 cy +)	\$ 95.00	6	\$ 570.00	1	\$ 65.00	\$ 1,270.00
0	Loader	\$ 180.00	6	\$ 1,080.00	0	\$ -	\$ -
0	Road Brusher	\$ 165.00	6	\$ 990.00	5	\$ 325.00	\$ -
2	Water Truck (1000 gallon)	\$ 95.00	6	\$ 570.00	1	\$ 65.00	\$ 1,270.00

Total One Time \$ 8,290.00

Move In Costs Project No. 2							
No.	Equipment Description	Transport Cost	Hours of Transport	Cost To Move	Weedwash Time (hrs)	Weedwash Labor (\$65/hr)	Total Cost
0	Grader	\$ 180.00	6	\$ 1,080.00	2	\$ 130.00	\$ -
0	Rollers & Compactor	\$ 165.00	6	\$ 990.00	2	\$ 130.00	\$ -
0	Excavator	\$ 220.00	6	\$ 1,320.00	6	\$ 390.00	\$ -
0	Small backhoe	\$ 165.00	6	\$ 990.00	3	\$ 195.00	\$ -
0	Tractors Dozer (D5 - D8)	\$ 220.00	6	\$ 1,320.00	6	\$ 390.00	\$ -
0	Dump Truck (10 cy +)	\$ 95.00	6	\$ 570.00	1	\$ 65.00	\$ -
0	Loader	\$ 180.00	6	\$ 1,080.00	0	\$ -	\$ -
1	Road Brusher	\$ 165.00	6	\$ 990.00	3	\$ 195.00	\$ 1,185.00
0	Water Truck (1000 gallon)	\$ 95.00	6	\$ 570.00	1	\$ 65.00	\$ -

Total One Time \$ 1,185.00

Move In Costs Project No. 3							
No.	Equipment Description	Transport Cost	Hours of Transport	Cost To Move	Weedwash Time (hrs)	Weedwash Labor (\$65/hr)	Total Cost
0	Grader	\$ 180.00	6	\$ 1,080.00	2	\$ 130.00	\$ -
0	Rollers & Compactor	\$ 165.00	6	\$ 990.00	2	\$ 130.00	\$ -
1	Excavator	\$ 220.00	6	\$ 1,320.00	6	\$ 390.00	\$ 1,710.00
0	Small backhoe	\$ 165.00	6	\$ 990.00	3	\$ 195.00	\$ -
0	Tractors Dozer (D5 - D8)	\$ 220.00	6	\$ 1,320.00	6	\$ 390.00	\$ -
0	Dump Truck (10 cy +)	\$ 95.00	6	\$ 570.00	1	\$ 65.00	\$ -
0	Loader	\$ 180.00	6	\$ 1,080.00	0	\$ -	\$ -
0	Road Brusher	\$ 165.00	6	\$ 990.00	5	\$ 325.00	\$ -
1	Water Truck (1000 gallon)	\$ 95.00	6	\$ 570.00	1	\$ 65.00	\$ 635.00

Total One Time \$ 2,345.00

Kinney GNA									
Road Segment: Point B to C, USFS 634				Point to Point			Sta. to Sta.		Total Volume (CY)
Application	Rock Size/Type	Location	Rock Depth	B	to	C	2.27 mile		
				Volume (CY) Per			Number of		
Top Rock (spot rock)	1.5" - 0" Crushed	0+00 to 76+04	Varies	Station		1	Stations	76.04	76
Top Rock	1.5" - 0" Crushed	76+04 to 119+85	Varies	Station		20	Stations	43.81	876
Landing Rock	Pit Run	Unit 1	Piled	Station		30	Stations	2	60
Truck turnaround	1.5" - 0" Crushed	119+85	Piled	Station		30	Stations	2	60
Total Rock for Road Segment:									1,072
Road Segment: C to D USFS 637				Point to Point			Sta. to Sta.		Total Volume (CY)
Application	Rock Size/Type	Location	Rock Depth	C	to	D	0.57 mile		
				Volume (CY) Per			Number of		
Top Rock	1.5"- 0" Crushed	0+00 to 30+02	Varies	Station		20	Stations	30.02	600
Landing Rock	Pit Run	Unit 3	vaires	Site		30	Site	2	60
Total Rock for Road Segment:									660

Sizes	6"+ Pit Run	Reclaim	1.5"-0 Crushed	Total
Rock Totals	120 cy		1,613 cy	1,733 cy

1.5" - 0 Crushed

\$/cu.yd.==>

\$ 9.52

This cost will be added to the road cost sheet

Swell: 1.30Shrinkage/Compact: 1.16Drill Pct.: 100%Truck measure 1,613 cyOversize Pct.: 10%

Scalp & Clear Overburden:	<u>\$350.00</u> /hr x	<u>0</u> hrs =	\$ -
Drill & Shoot:	<u>\$ 3.00</u> /cy x	<u>1,613</u> cy =	\$ 4,837.92
Sort and split oversize rock:	<u>\$ 4.25</u> /cy x	<u>161</u> cy =	\$ 685.37
Load Crusher:	<u>\$ 1.25</u> /cy x	<u>1,613</u> cy =	\$ 2,015.80
Crushing	<u>\$ 2.50</u> /cy x	<u>1,613</u> cy =	\$ 4,031.60
Screening Rock	<u>\$ 2.30</u> /cy x	<u>1,613</u> cy =	\$ 3,709.07
Clean Up Pit	<u>\$ 270.00</u> /hr x	<u>0</u> hrs =	\$ -
Subtotal			\$ 15,279.76

MOVE IN COSTS

3-stage crusher	0	\$ 3,450.00		\$ -
Move in and set up Drill and Comp	0	\$ 1,200.00		\$ -
Move in D-8 (w/Wash)	0	\$ 1,615.00		\$ -
Move in Loaders	0	\$ 1,225.00		\$ -
Move in Excavator (w/Wash)	0	\$ 1,615.00		\$ -
Move in Trucks	0	\$ 140.00		\$ -
Gradation Tests	\$0.00	<u>\$ 70.00</u> per	<u>1,613</u> cy =	<u>\$ 70.00</u>
				\$ 70.00

ESTIMATED TOTAL COST **\$ 15,349.76**

KINNEY GNA		(Sale Name)	
Commerical Site	(Quarry)	± (122°3'13"W 44°	Spread
Crushed	(Rock Type)	D10 (Truck)	12-G (Grad Vibratory Ro (Compactor)
1.5"- 0"	(Rock Size)	14G (Loader)	D6 (Tractor)

Hauling Time Computation

50 MPH	48	Miles per round trip	58	Minutes
40 MPH		Miles per round trip	0	Minutes
35 MPH		Miles per round trip	0	Minutes
30 MPH		Miles per round trip	0	Minutes
25 MPH	10	Miles per round trip	24	Minutes
20 MPH		Miles per round trip	0	Minutes
15 MPH	5	Miles per round trip	20	Minutes
10 MPH		Miles per round trip	0	Minutes
5 MPH		Miles per round trip	0	Minutes
	63	Total Miles per Round Trip		
Dump or Spread Time per Round Trip			0.50	Minutes
Total Hauling Cycle Time for this Setting (100% Effi			102	Minutes
Operator Efficiency Correction (80% Efficiency)			128	Minutes

Time Per Cubic Yard

Hauling Only (per cubic yard)	10.64	min/cu.yd
Delay Time (while loading = loading time per cubic y	0.52	min/cu.yd
Total Time Per Cubic Yard	11.16	min/cu.yd

Hauling Cost Per Cubic Yard Computation

Cost of Truck Per Hour	\$	50.00	per Hr.
Cost of Truck Operator Pre Hour	\$	50.00	per Hr.
Total Operating Cost Per Hour	\$	100.00	per Hr.
Operating Cost Per Minute	\$	1.67	per Min.
Cost Per Cubic Yard	\$	18.59	per Cu. Yd.

Loading Cost Per Cubic Yard

\$	0.95	per Cu. Yd.
----	------	-------------

Spreading Cost Per Cubic Yard

Cost of Grader Per Hour	\$	55.00	per Hr.
Cost of Grader Operator Per Hour	\$	55.00	per Hr.
Cost of Compaction Equip. Per Hour	\$	50.00	per Hr.
Cost of Compaction Equip. Op. Per Hour	\$	50.00	per Hr.
Total Operating Cost Per Hour	\$	210.00	per Hr.
Cost Per Cubic Yard to Grade and Roll	\$	1.46	Cu. Yd.

Total Cost to Load, Haul and Place

Crushing Cost per yard	\$	9.52
Grand Total Combined	\$	30.53

		Rates			
Dump Truck	Rate (\$/Hr.)	Capacity (cy)	Operator (\$/Hr.)	Total	
B20	\$ 70.00	20	\$ 50.00	\$	120.00
D10	\$ 50.00	12	\$ 50.00	\$	100.00
OH25	\$ 80.00	25	\$ 50.00	\$	130.00
Grader	Rate (\$/Hr.)		Operator (\$/Hr.)	Total	
12-G	\$ 55.00		\$ 55.00	\$	110.00
14-G	\$ 60.00		\$ 55.00	\$	115.00
Compaction Equipment	Rate (\$/Hr.)		Operator (\$/Hr.)	Total	
Vibratory Roller	\$ 50.00		\$ 50.00	\$	100.00
Vib. Grid Roller	\$ 50.00		\$ 50.00	\$	100.00
Hand Held Compacto	\$ 20.00		\$ 50.00	\$	70.00
Tractors	Rate (\$/Hr.)		Operator (\$/Hr.)	Total	
D4	\$ 35.00		\$ 55.00	\$	90.00
D6	\$ 60.00		\$ 55.00	\$	115.00
D7	\$ 70.00		\$ 55.00	\$	125.00
D8	\$ 110.00		\$ 55.00	\$	165.00
Loader	Rate (\$/Hr.)	Capacity (cy)	Operator (\$/Hr.)	Total	
14G Cat Wheel Load	\$ 60.00	3	\$ 50.00	\$	110.00

	Rate (Min/Load)	Delay (Min)	Total Loading Time (Min)
Loading Costs			
Crushed Rock	5	1.25	6.25
Pit-Run/Jaw-Run Rock	5	1.25	6.25
Rip Rap Rock	5	1.25	6.25
Fill Material	5	1.25	6.25

Dump or Spread Time (Min)

Pile Dump	0.25
Truck Spread	0.5
Spreading w/Grader	5

KINNEY GNA		(Sale Name)			
Commerical Site	(Quarry)	ON SITE		Spread	
Pit Run	(Rock Type)	D10	(Truck)	12-G	(Grader)
6"+	(Rock Size)	14G	(Loader)	D8	(Tractor)

Hauling Time Computation					
50 MPH	48	Miles per round trip	58	Minutes	
40 MPH		Miles per round trip	0	Minutes	
35 MPH		Miles per round trip	0	Minutes	
30 MPH	10	Miles per round trip	20	Minutes	
25 MPH		Miles per round trip	0	Minutes	
20 MPH		Miles per round trip	0	Minutes	
15 MPH	5	Miles per round trip	20	Minutes	
10 MPH		Miles per round trip	0	Minutes	
5 MPH		Miles per round trip	0	Minutes	
	63	Total Miles per Round Trip			
Dump or Spread Time per Round Trip			10.00	Minutes	
Total Hauling Cycle Time for this Setting (100% Efficiency)			108	Minutes	
Operator Efficiency Correction (80% Efficiency)			135	Minutes	

Time Per Cubic Yard			
Hauling Only (per cubic yard)	11.21	min/cu.yd	
Delay Time (while loading = loading time per cubic yard)	0.52	min/cu.yd	
Total Time Per Cubic Yard	11.73	min/cu.yd	

Hauling Cost Per Cubic Yard Computation			
Cost of Truck Per Hour	\$ 50.00	per Hr.	
Cost of Truck Operator Pre Hour	\$ 50.00	per Hr.	
Total Operating Cost Per Hour	\$ 100.00	per Hr.	
Operating Cost Per Minute	\$ 1.67	per Min.	
Cost Per Cubic Yard	\$ 19.55	per Cu. Yd.	
Loading Cost Per Cubic Yard	\$ 1.07	per Cu. Yd.	
Spreading Cost Per Cubic Yard		PR	
Cost of Excavator Per Hour	\$ 55.00	per Hr.	
Cost of Excavator Operator Per Hour	\$ 55.00	per Hr.	
Cost of Compaction Equip. Per Hour		per Hr.	
Cost of Compaction Equip. Op. Per Hour		per Hr.	
Total Operating Cost Per Hour	\$ 110.00	per Hr.	
Cost Per Cubic Yard to place rock	\$ 1.53	Cu. Yd.	
Total Cost to Load, Haul and Place	\$ 22.15	Cu. Yd.	
No Crushing	\$ 9.52		
Grand Total Combined	\$ 31.66		

Dump Truck	Rate (\$/Hr.)	Rates		Operator (\$/Hr.)	Total
		Capacity (cy)			
B20	\$ 70.00	20	\$ 50.00	\$	120.00
D10	\$ 50.00	12	\$ 50.00	\$	100.00
OH25	\$ 80.00	25	\$ 50.00	\$	130.00
Grader	Rate (\$/Hr.)		Operator (\$/Hr.)		Total
12-G	\$ 55.00		\$ 55.00	\$	110.00
14-G	\$ 60.00		\$ 55.00	\$	115.00
Compaction Equipment	Rate (\$/Hr.)		Operator (\$/Hr.)		Total
Vibratory Roller	\$ 50.00		\$ 50.00	\$	100.00
Vib. Grid Roller	\$ 50.00		\$ 50.00	\$	100.00
Hand Held Compact	\$ 20.00		\$ 50.00	\$	70.00
Tractors	Rate (\$/Hr.)		Operator (\$/Hr.)		Total
D4	\$ 35.00		\$ 55.00	\$	90.00
D6	\$ 60.00		\$ 55.00	\$	115.00
D7	\$ 70.00		\$ 55.00	\$	125.00
D8	\$ 110.00		\$ 55.00	\$	165.00

Loader	Rate (\$/Hr.)	Capacity (cy)	Operator (\$/Hr.)	Total
14G Cat Wheel Load	\$ 60.00	3	\$ 50.00	\$ 110.00
Cat Excavator	\$ 130.00	3	\$ 50.00	\$ 180.00
Loading Costs		rate (Min/Load	Delay (Min)	Total Loading Time (Min)
Crushed Rock		5	1.25	6.25
Pit-Run/Jaw-Run Rock		5	2.00	7.00
Rip Rap Rock		5	1.25	6.25
Fill Material		5	1.25	6.25

Dump or Spread Time (Min)	
Pile Dump and place rock	10
Truck Spread	0.5
Spreading w/Grader	5

On site	EndHual	Unit 4 Waste Area	Spread and Compact
Waste	(Type)	(Truck)	(Grader Vibratory Rol (Compactor)
	(Rock Size)	(Loader)	Cat 325 Excavator (Excavator)
	(Water Truck Size)	Gal/cu.yd	

Hauling Time Computation

50 MPH		Miles per round trip	0	Minutes
40 MPH		Miles per round trip	0	Minutes
35 MPH		Miles per round trip	0	Minutes
30 MPH		Miles per round trip	0	Minutes
25 MPH	10	Miles per round trip	24	Minutes
20 MPH		Miles per round trip	0	Minutes
15 MPH	4	Miles per round trip	16	Minutes
10 MPH		Miles per round trip	0	Minutes
5 MPH		Miles per round trip	0	Minutes
	14	Total Miles per Round Trip		
Dump or Spread Time per Round Trip			0	Minutes
Total Hauling Cycle Time for this Setting (100% Efficiency)			40.25	Minutes
Operator Efficiency Correction (80% Efficiency)			50.31	Minutes

Time Per Cubic Yard

Hauling Only (per cubic yard)	4.19	min/cu.yd
Delay Time (while loading = loading time per cubic yard)	0.52	min/cu.yd
Total Time Per Cubic Yard	4.71	min/cu.yd

Hauling Cost Per Cubic Yard Computation

Cost of Truck Per Hour	\$ 50.00	per Hr.
Cost of Truck Operator Pre Hour	\$ 50.00	per Hr.
Total Operating Cost Per Hour	\$ 100.00	per Hr.
Operating Cost Per Minute	\$ 1.67	per Min.
Cost Per Cubic Yard	\$ 7.86	per Cu. Yd.

Loading Cost Per Cubic Yard

\$ 1.56 per Cu. Yd.

Spreading Cost Per Cubic Yard

Cost of Excavator Per Hour	\$ 130.00	per Hr.
Cost of Excavator Operator Per Hour	\$ 50.00	per Hr.
Cost of Compaction Equip. Per Hour	\$ 50.00	per Hr.
Cost of Compaction Equip. Op. Per Hour	\$ 50.00	per Hr.
Total Operating Cost Per Hour	\$ 280.00	per Hr.
Cost Per Cubic Yard to Place and Compact	\$ 2.33	Cu. Yd.

Total Cost to Load, Haul, and Place

\$ 11.75 Cu. Yd.

		Rates		
Dump Truck	Rate (\$/Hr.)	Capacity (cy)	Operator (\$/Hr.)	Total
B20	\$ 70.00	20	\$ 50.00	\$ 120.00
D10	\$ 50.00	12	\$ 50.00	\$ 100.00
OH25	\$ 80.00	25	\$ 50.00	\$ 130.00

Grader	Rate (\$/Hr.)	Operator (\$/Hr.)	Total
12-G	\$ 55.00	\$ 55.00	\$ 110.00
14-G	\$ 60.00	\$ 55.00	\$ 115.00

Compaction Equipment	Rate (\$/Hr.)	Operator (\$/Hr.)	Total
Vibratory Roller	\$ 50.00	\$ 50.00	\$ 100.00
Vib. Grid Roller	\$ 50.00	\$ 50.00	\$ 100.00
Hand Held Compactor	\$ 20.00	\$ 50.00	\$ 70.00

Tractors	Rate (\$/Hr.)	Operator (\$/Hr.)	Total
D4	\$ 35.00	\$ 55.00	\$ 90.00
D6	\$ 60.00	\$ 55.00	\$ 115.00
D7	\$ 70.00	\$ 55.00	\$ 125.00
D8	\$ 110.00	\$ 55.00	\$ 165.00

Loader	Rate (\$/Hr.)	Capacity (cy)	Operator (\$/Hr.)	Total
14G Cat Wheel Loader	\$ 60.00	3	\$ 50.00	\$ 110.00
Cat 325 Excavator	\$ 130.00	1.5	\$ 50.00	\$ 180.00

	Rate (Min/Load)	Delay (Min)	Total Loading Time (Min)
Crushed Rock	5	1.25	6.25
Pit-Run/Jaw-Run Rock	5	1.25	6.25
Rip Rap Rock	5	1.25	6.25
Fill Material	5	1.25	6.25

Dump or Spread Time (Min)

Pile Dump	0.25
Truck Spread	0.5
Spreading w/dozer	5
Place with Excavator	6

TIMBER SALE SUMMARY Kinney GNA

1. **Location:** T10S, R5E Sec 19 & 30, W.M, Linn County, Oregon.
2. **Revenue Distribution:** WIL-SPA 23-GN-11061800-019, project GF8723-01 (ODF program revenue)
3. **Type of Sale:** This timber sale has 4 units and 22 dominate tree releases (DTRs). The total sale area is 68 acres of variable density thinning. Of the 68 acres, 5.5 acres are considered heavy thinnings through the use of ¼ acre DTRs. The timber will be sold on a recovery basis at a sealed bid auction.
4. **Sale Acreage:** Acreage was determined by traversing with ESRI ArcPro GIS software. Total sale acreage is 68 acres.
5. **Cruise:** The Timber Sale was cruised by ODF Cruisers in October of 2024. For more information see the Cruise Report.
6. **Volume:** The table below describes the volume by grade over the 4 units sale area. Most of the volume is Douglas-fir with a minor Western hemlock component in unit 3.
7. **Timber Description:** All areas are predominantly Douglas-fir stands with a height range between 70-120' and an average of 13 inches diameter at breast height. The volume per acre is variable with portions of the stands having Western Hemlock, and minor amounts of other tree species. These stands are 48-55 years old, having been harvested between 1966 and 1972. The merchantable species will be mostly Douglas-fir, with some Western Hemlock. The cruise report gives a breakdown of log lengths and scaling diameters by species for the areas in the cruise. Stand management objectives are the remove the smaller trees in suppressed and intermediate canopy positions and to release dominant and co-dominant trees and improve the quality of the residual stand.
8. **Topography and Logging Method:** The elevation for the Timber Sale is between 2,400 feet and 3,500 feet. Slopes within the sale areas range from 5-75%. The Timber Sale Area is 41% ground-based and 59% cable-yarded.
9. **Access:** Heading east towards Detroit dam, turn south from Highway 22 to cross the Detroit dam onto Kinney Creek Road (USFS Rd 2122). For 4.8 miles continue on USFS Rd 2122. Turn right on USFS Rd 634. USFS Rd 634 is the only access to the sale. Stay on this road for 1 mile. There will be a tank trap blocking the road. This will be the location of Unit 1. The rest of the sale area is further passed the tank trap on USFS Rd 634 for another 1 mile. To access the furthest unit travel south for 1 mile from the tank trap until reaching a sod covered spur road to the east. Travel 1 0.8 miles on this road to reach the top of Unit 3.
10. **Projects:** Road improvements and temporary road decommission projects total to \$81,640.02. Most of the project work will involve brushing and temporary road and ditch improvement along USFS 634, and rocking landings. It is assumed all landings will be rocked with pit run, no reclaim utilized. There is an existing temporary road which will have to be reconstructed and then decommissioned.
11. **Road Maintenance:** Normal road maintenance during operations.
12. **Other Costs:** Weed washing and slash piling, accounted for in the projects/appraisal.
13. **Slash Disposal:** Purchaser shall pile slash on landings and the tractor ground with an excavator or log loader or alternatively, spread slash throughout the units less than 18" in depth with a goal of 85% ground cover; sorting out firewood is required, utilize pieces of woody debris for down wood in the unit.

OREGON DEPARTMENT of FORESTRY CRUISE REPORT Kinney GNA

1. **Acreage Calculation:** For the Kinney GNA Timber Sale, there are 68 net cruise acres in the sale area determined by a combination of GPS traverse waypoints and ArcGIS Pro software. Net acres only include all areas of harvest. Care was taken to identify plots within the riparian reserves where a timber cutting restriction of any conifer over 20 inches at DBH. Purchasers may treat low stocked areas following the thinning prescription if sufficient cut species and tree spacing are present.
2. **Cruise Method:** Cruising was completed by ODF during October 2024. A variable plot cruise was conducted on the sale area. A Coefficient of Variation of 65% and an average stand diameter of 12 inches (take trees) is estimated prior to cruising. For sales of this size and approximate value, ODF cruise standards require a sampling error of 12% at a 68% confidence level. The cruise design chosen for this sale is a variable density plot cruise broken up into two strata to account for a difference varying density's and cutting prescriptions between all stands. The silvicultural prescription calls cutting DF only from a 16ft or 17ft radius of the largest/healthiest DF. Trees that are 'likely take' based on the prescription were cruised. For strata 1 (Units 1 and 2(DxD16)) 20BAF was used and for strata 2 (Units 3 and 4 (DxD17)) a 20 BAF was used.
3. **Sampling Intensity:**
28 Total Plots (13 Measured, 15 Count Plots)

CV (BDFT)	<u>56.65%</u>	(take)
SE (BDFT)	<u>10.71%</u>	(take)

According to ODF standards, total harvest volume of conifers and hardwoods ("take" trees) is estimated to be 1,148 MBF* $\pm$ 123 MBF at the 68% confidence level and a standard error of 10.71%. Sixty-eight times out of 100 the volume estimate will be between 1,025 MBF and 1,271 MBF.
4. **Computation Procedures:** Volume was computed using the SuperAce cruise program. Volumes reported are based on the Scribner Log Rule (West).
5. **Form Factors:** Form factors (a ratio of diameter at 4 and 16 feet) were sampled across the diameter distribution in all strata and all 18 bars of Relaskop were used to determine the form factor of each tree.
6. **Height Standards:** Conifer trees were measured for total height with a laser rangefinder.
7. **Diameter standards:** Diameters were measured outside bark at breast height to the nearest 1/10 inch.
8. **Grading System:** Trees were graded primarily as 40-foot segments lengths and according to the Official Log Scaling and Grading Rules published by the Northwest Log Rules Advisory Group.
9. **Merchantable top:** Conifer were graded to a merchantable top specified by the official log scaling rules. 2S segments were graded to a 12" top inside bark, 3S to a 6" top, and 4S to a 5" top (inside bark).
10. **Deductions for Cull, Defect and Breakage:** All visible field cull was removed in the cruise computation. Additional volume was deducted for the anticipated amount of hidden cull and breakage during logging. The additional estimated volume reduction used for this anticipated loss to volume was 2%.
11. **Cruisers:** Cruising was performed by ODF foresters in the Fall of 2024.

*ODF does not guarantee the volume of this or any other cruise. Prospective purchasers are advised to do their own cruise and sale volume calculations. Additional SuperAce Reports available upon request.

VOLUME SUMMARY Kinney GNA

Cruise Volume per Acre (bf)					Adjusted Volume per Acre (bf)					Net Acres	Total Adjusted Volume (bf)			
Unit	Rx/Spp.	2 SAW	3 SAW	4 SAW	Cruise Vol/Ac.	2 SAW	3 SAW	4 SAW	Adjusted Vol/Ac.		2 SAW	3 SAW	4 SAW	Total Volume
1	DxD16-DF	1,513	5,521	6,265	13,299	1,483	5,411	6,140	13,033	8	11,862	43,285	49,118	104,264
2	DxD16-DF	641	8,887	7,284	16,812	628	8,709	7,138	16,476	24	15,076	209,022	171,320	395,418
3	DxD17-DF	-	6,881	4,595	11,476	-	6,743	4,503	11,246	8	-	53,947	36,025	89,972
	DxD17-WH	-	5,853	1,419	7,272	-	5,736	1,391	7,127	8	-	45,888	11,125	57,012
4	DxD17-DF	2,143	13,205	2,948	18,296	2,100	12,941	2,889	17,930	28	58,804	362,345	80,893	502,042
*Cruise volume includes log segment deductions					*Adjusted for 2% hidden cull and defect						Net Adjusted Sale Volume 1,148,709			

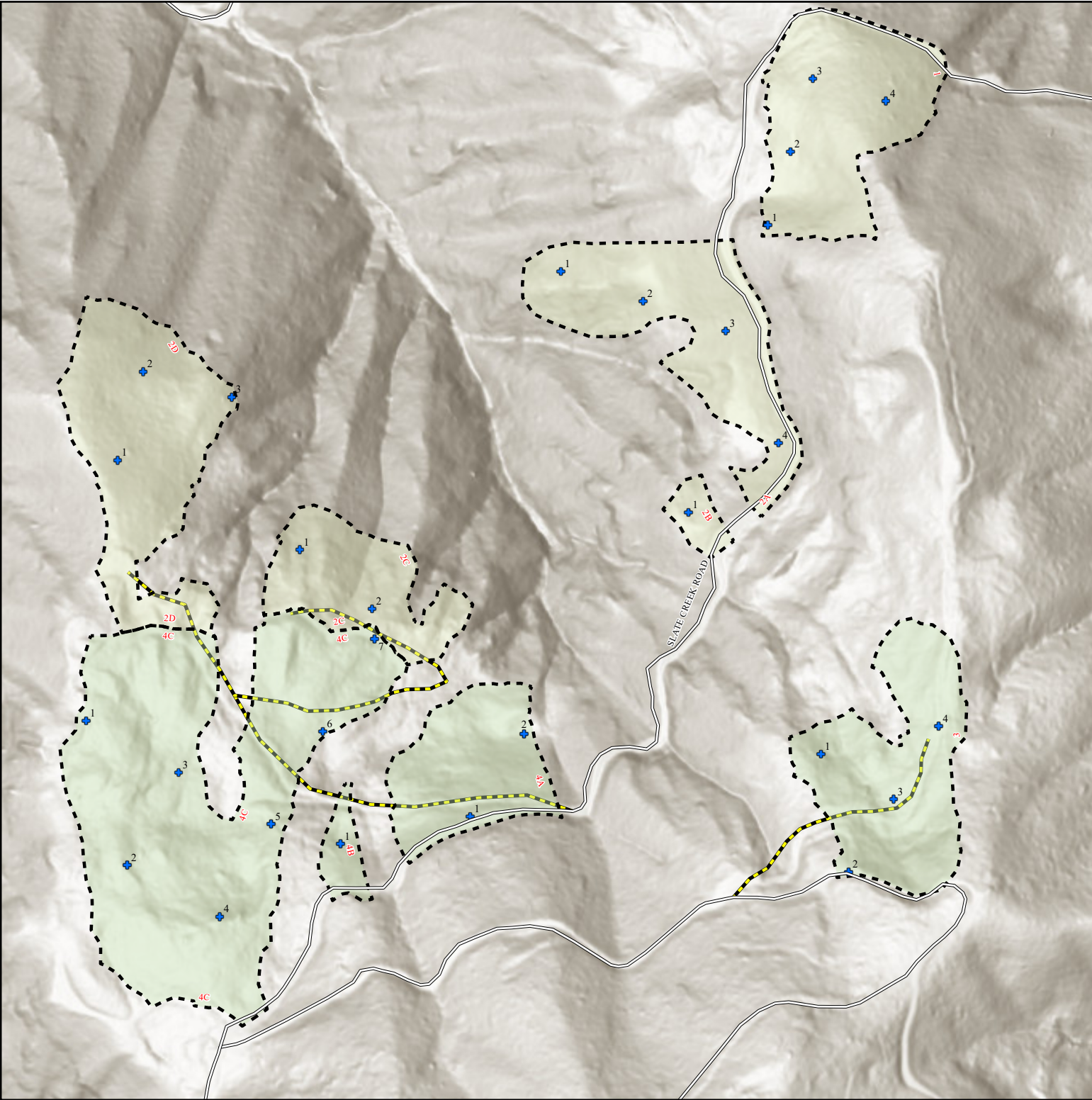
Cruise Volume per Acre (mbf)					Adjusted Volume per Acre (mbf)					Net Acres	Total Adjusted Volume (mbf)			
Unit	Rx/Spp.	2 SAW	3 SAW	4 SAW	Cruise Vol/Ac.	2 SAW	3 SAW	4 SAW	Adjusted Vol/Ac.		2 SAW	3 SAW	4 SAW	Total Volume
1	DxD16-DF	1.5	5.5	6.3	13.3	1.5	5.4	6.1	13.0	8	11.9	43.3	49.1	104.3
2	DxD16-DF	0.6	8.9	7.3	16.8	0.6	8.7	7.1	16.5	24	15.1	209.0	171.3	395.4
3	DxD17-DF	-	6.9	4.6	11.5	-	6.7	4.5	11.2	8	-	53.9	36.0	90.0
	DxD17-WH	-	5.9	1.4	7.3	-	5.7	1.4	7.1	8	-	45.9	11.1	57.0
4	DxD17-DF	2.1	13.2	2.9	18.3	2.1	12.9	2.9	17.9	28	58.8	362.3	80.9	502.0
*Cruise volume includes log segment deductions					*Adjusted for 2% hidden cull and defect						Net Adjusted Sale Volume 1,148.7			

SALE VOLUME BY GRADE (bf)				
Species	2 SAW	3 SAW	4 SAW	Total
DF	85,742	668,599	337,355	1,091,696
WH	-	45,888	11,125	57,012
Net Sale Volume	85,742	714,487	348,480	1,148,709

SALE VOLUME BY GRADE (mbf)				
Species	2 SAW	3 SAW	4 SAW	Total
DF	85.7	668.6	337.4	1,091.7
WH	-	45.9	11.1	57.0
Net Sale Volume	85.7	714.5	348.5	1,148.7

SALE VOLUME BY PERCENT				
Species	2 SAW	3 SAW	4 SAW	Total
DF	7%	58%	29%	95%
WH	0%	4%	1%	5%
Net Sale Volume	7%	62%	30%	100%

* ODF does not guarantee the volume of this or any other cruise. Prospective purchasers are advised to do their own cruise and sale. These volumes reflect merchantable saw logs. A small amount of pulp logs could be harvested from the sale area, particularly in the sub-merch pine species.



Legend

- GNA Boundary
- GNA Boundary
- DxD Strata
 - 16
 - 17
- GNA Plots
 - Planned

CRUISE MAP

FOR TIMBER SALE CONTRACT #NC-341-2026-GF8723-01
KINNEY GNA
PORTIONS OF SECTIONS 19 & 30, T10S, R5E, W.M.
LINN COUNTY

USFS DETROIT DISTRICT, WILLAMETTE NATIONAL FOREST

North Cascade District GIS
October, 2024

This product is for informational use and may not be
suitable for legal, engineering, or surveying purposes.

APROXIMATE NET			
	ACRES	DxD Rx	Cut Spp.
UNIT 1	8	16	DF ONLY
UNIT 2	24	16	DF ONLY
UNIT 3	8	17	DF/WH ONLY
UNIT 4	28	17	DF ONLY
TOTAL	68		



TC		PLOGSTVB		Log Stock Table - MBF																	
T10S R05E S19 TyTIMB8.00					Project: KINNEY										Page 1						
					Acres 8.00										Date 11/4/2024						
															Time 11:50:08AM						
Spp	S T	So Gr rt	Log de Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches													
								2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+		
DF	T	DO	2M	40	12	12	11.4							12							
DF	T	DO	3M	40	44	44	41.5			14	30										
DF	T	DO	4M	16	7	7	6.7		7												
DF	T	DO	4M	18	6	6	6.0		6												
DF	T	DO	4M	25	4	4	3.3		4												
DF	T	DO	4M	34	3	3	3.1		3												
DF	T	DO	4M	38	9	9	8.4		9												
DF	T	DO	4M	39	4	4	4.1		4												
DF	T	DO	4M	40	17	17	15.6		17												
DF		Totals			106	106	46.8		50	14	30			12							
DF	L	DO	2M	40	10	10	10.2					10									
DF	L	DO	3M	40	51	51	52.4			11	30	10									
DF	L	DO	4M	17	5	5	4.8			5											
DF	L	DO	4M	25	4	4	3.9		4												
DF	L	DO	4M	31	10	10	10.5		10												
DF	L	DO	4M	33	9	9	9.2		9												
DF	L	DO	4M	35	2	2	2.3		2												
DF	L	DO	4M	37	3	3	3.3		3												
DF	L	DO	4M	40	3	3	3.5		3												
DF		Totals			97	97	42.6		32	16	30	10	10								
WH	L	DO	2M	40	9	9	35.7					9									
WH	L	DO	3M	40	7	7	30.0			7											
WH	L	DO	4M	18	5	5	19.6		5												
WH	L	DO	4M	29	2	2	7.5		2												
WH	L	DO	4M	40	2	2	7.1		2												
WH		Totals			24	24	10.6		8	7		9									
Total		All Species			227	227	100.0		90	30	67	10	18	12							

TC PSTATS				PROJECT STATISTICS				PAGE 1			
				PROJECT		KINNEY		DATE 11/4/2024			
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt		
10S	05E	19	U1: DXD16	TIMB	8.00	4	38	S	W		
				TREES	ESTIMATED	PERCENT					
				TOTAL	SAMPLE						
PLOTS				TREES	PER PLOT	TREES	TREES				
TOTAL			4	38	9.5						
CRUISE			2	22	11.0	3,288	.7				
DBH COUNT											
REFOREST											
COUNT			2	16	8.0						
BLANKS											
100 %											
STAND SUMMARY											
SAMPLE			TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
TREES			/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
DOUG FIR-L			9	138.0	11.4	49	29.1	98.4	12,118	12,118	2,872
DOUG FIR-T			10	230.6	9.9	39	39.3	124.0	13,299	13,299	3,072
WHEMLOCK-L			3	42.4	11.0	35	8.4	27.7	3,003	3,003	815
TOTAL			22	411.0	10.6	42	77.0	250.1	28,421	28,421	6,759
CONFIDENCE LIMITS OF THE SAMPLE											
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR											
CL	68.1	COEFF		SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
DOUG FIR-L			71.5	25.2	96	129	161				
DOUG FIR-T			105.2	35.0	64	99	134				
WHEMLOCK-L			80.9	56.0	60	137	213				
TOTAL			83.0	18.1	95	116	137	288	72	32	
CL	68.1	COEFF		SAMPLE TREES - CF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
DOUG FIR-L			80.9	28.6	23	32	41				
DOUG FIR-T			112.2	37.3	15	24	33				
WHEMLOCK-L			88.5	61.2	15	39	64				
TOTAL			90.9	19.8	24	29	35	346	86	38	
CL	68.1	COEFF		TREES/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
DOUG FIR-L			87.0	49.7	69	138	207				
DOUG FIR-T			49.1	28.1	166	231	295				
WHEMLOCK-L			85.5	48.8	22	42	63				
TOTAL			60.5	34.6	269	411	553	191	48	21	
CL	68.1	COEFF		BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
DOUG FIR-L			61.9	35.3	64	98	133				
DOUG FIR-T			43.8	25.0	93	124	155				
WHEMLOCK-L			83.6	47.8	14	28	41				
TOTAL			41.6	23.8	191	250	310	90	23	10	
CL	68.1	COEFF		NET BF/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
DOUG FIR-L			58.2	33.3	8,087	12,118	16,149				
DOUG FIR-T			39.3	22.5	10,312	13,299	16,286				
WHEMLOCK-L			102.6	58.6	1,242	3,003	4,764				
TOTAL			36.7	21.0	22,459	28,421	34,382	70	18	8	
CL	68.1	COEFF		NET CUFT FT/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
DOUG FIR-L			53.3	30.5	1,996	2,870	3,744				
DOUG FIR-T			41.1	23.5	2,348	3,068	3,788				

TC PSTATS				PROJECT STATISTICS				PAGE	2	
				PROJECT	KINNEY			DATE	11/4/2024	
TWP	RGE	SC	TRACT	TYPE	ACRES		PLOTS	TREES	CuFt	BdFt
10S	05E	19	U1: DXD16	TIMB	8.00		4	38	S	W
CL	68.1	COEFF		NET CUFT FT/ACRE				# OF PLOTS REQ.	INF. POP.	
SD:	1.00	VAR.	S.E.%	LOW	AVG	HIGH	5	10	15	
WHEMLOCK-L			114.6	65.5	280	812	1,343			
TOTAL			33.3	19.0	5,466	6,750	8,033	58	14	6

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																
T10S R05E S19 TyTIMB8.00				Project: KINNEY										Page 1						
				Acres 8.00										Date 11/4/2024						
														Time 11:44:36AM						
S So Gr			%	Bd. Ft. per Acre			Total	Percent of Net Board Foot Volume								Average Log				Logs
Spp	T	rt ad	Net	Def%	Gross	Net		Log Scale Dia.				Log Length				Ln	Dia	Bd	CF/	
								4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99					
DF	T	DO 2M	11		1,513	1,513	12	100				100				40	14	290	1.62	5.2
DF	T	DO 3M	41		5,521	5,521	44	100				100				40	7	83	0.52	66.8
DF	T	DO 4M	48		6,265	6,265	50	100				27	7	7	60	29	5	31	0.23	202.3
DF Totals			47		13,299	13,299	106	47	42	11		13	3	3	81	32	6	48	0.35	274.3
DF	L	DO 2M	10		1,232	1,232	10	100				100				40	13	240	1.55	5.1
DF	L	DO 3M	52		6,346	6,346	51	100				100				40	8	102	0.61	62.0
DF	L	DO 4M	38		4,541	4,541	36	87	13			13	10	59	18	30	5	34	0.26	132.9
DF Totals			43		12,118	12,118	97	33	57	10		5	4	22	69	33	6	61	0.43	200.1
WH	L	DO 2M	35		1,071	1,071	9	100				100				40	12	200	1.37	5.4
WH	L	DO 3M	30		902	902	7	100				100				40	9	120	0.83	7.5
WH	L	DO 4M	35		1,030	1,030	8	100				57	22		21	23	5	24	0.28	42.4
WH Totals			11		3,003	3,003	24	34	30	36		20	8		73	27	6	54	0.55	55.2
Totals					28,421	28,421	227	40	47	13		10	4	11	75	32	6	54	0.40	529.6

TC		PSTNDSUM										Stand Table Summary										Page		1	
																						Date:		11/4/2024	
		T10S R05E S19 TyTIMB				8.00				Project				KINNEY				Time:				11:44:36AM			
										Acres				8.00				Grown Year:							
S Sp	T	Sample		Tot		Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Net		Net		T o t a l s										
		DBH	Trees	FF 16'	Av Ht				Net Cu.Ft.	Net Bd.Ft.	Tons/ Acre	Cu.Ft. Acre	Bd.Ft. Acre	Tons	Cunits	MBF									
DF	T	7	1	87	69	44.391	12.55	44.39	2.7	20.0	3.37	118	888	27	9	7									
DF	T	8	1	85	26	39.625	13.15	39.63	3.6	20.0	4.10	144	793	33	12	6									
DF	T	9	3	89	74	79.792	35.72	79.79	9.5	40.0	21.69	761	3,192	174	61	26									
DF	T	10	1	86	80	23.086	12.84	23.09	12.8	60.0	8.40	295	1,385	67	24	11									
DF	T	12	1	87	94	14.628	12.27	29.26	14.5	60.0	11.99	425	1,755	96	34	14									
DF	T	13	1	84	113	13.629	13.15	27.26	17.2	65.0	13.55	470	1,772	108	38	14									
DF	T	15	1	89	102	10.228	11.73	20.46	18.4	80.0	10.81	377	1,636	87	30	13									
DF	T	21	1	87	112	5.218	12.55	10.44	45.9	180.0	13.64	479	1,879	109	38	15									
DF	T	Totals		10	87	71	230.597	123.97	274.30	11.2	48.5	87.56	3,068	13,299	700	245	106								
DF	L	8	2	87	64	56.602	21.52	56.60	7.1	34.9	11.49	403	1,978	92	32	16									
DF	L	10	1	86	26	19.402	11.01	19.40	6.0	30.0	3.33	117	582	27	9	5									
DF	L	12	2	87	104	29.495	21.82	58.99	12.8	54.7	21.45	757	3,225	172	61	26									
DF	L	14	2	88	108	20.578	21.52	41.16	19.1	80.0	22.53	785	3,293	180	63	26									
DF	L	17	1	86	97	6.823	11.01	13.65	27.5	110.0	10.71	375	1,501	86	30	12									
DF	L	20	1	84	110	5.132	11.53	10.26	42.2	150.0	12.35	433	1,540	99	35	12									
DF	L	Totals		9	87	77	138.033	98.42	200.06	14.3	60.6	81.85	2,870	12,118	655	230	97								
WH	L	7	1	87	26	29.490	8.81	29.49	3.6	20.0	3.43	107	590	27	9	5									
WH	L	15	1	84	94	7.519	9.23	15.04	20.7	75.0	10.05	311	1,128	80	25	9									
WH	L	18	1	82	104	5.357	9.68	10.71	36.7	120.0	12.60	393	1,286	101	31	10									
WH	L	Totals		3	86	48	42.366	27.71	55.24	14.7	54.4	26.08	812	3,003	209	65	24								
Totals		22		87	71	410.995	250.10	529.60	12.7	53.7	195.48	6,750	28,421	1,564	540	227									

TC TREESEGR														TREE SEGMENT VOLUMES										Page		1	
														Project:		KINNEY						Date		11/4/2024			
TWP	RGE	SC	TRACT				TYPE				ACRES				PLOTS		TREES		CRUISED DATE		CuFt	BdFt					
10S	05E	19	U1: DXD16				TIMB				8.00				4		37		10/1/2024		S	W					
Tree		C				T		Bole		Tot.		S				Dia		Dia		Gross	Net	Gross	Net				
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt			
0001	0001	B1	1	WH	L	1	11.0	16	86	F	35	30		1xx	24						19	19	71	71			
				Count			BA = 27.71				T/A = 42.366										19	19	71	71			
	0002	B1	1	DF	T	1	9.9	16	87	F	39	20		1xx	31						13	13	58	58			
				Count			BA = 26.10				T/A = 48.547										13	13	58	58			
	0003	B1	1	DF	T	1	9.9	16	87	F	39	20		1xx	31						13	13	58	58			
				Count			BA = 26.10				T/A = 48.547										13	13	58	58			
	0004	B1	1	DF	L	1	11.4	16	88	F	49	9		1xx	32						21	21	88	88			
				Count			BA = 26.25				T/A = 36.809										21	21	88	88			
	0005	B1	1	DF	L	1	11.4	16	88	F	49	9		1xx	32						21	21	88	88			
				Count			BA = 26.25				T/A = 36.809										21	21	88	88			
	0006	B1	1	DF	T	1	9.9	16	87	F	39	20		1xx	31						13	13	58	58			
				Count			BA = 26.10				T/A = 48.547										13	13	58	58			
PLOT							BA = 158.50				T/A = 261.623										4,287	4,280	17,866	17,866			
0002	0001	B1	1	DF	L	1	20.3	16	85	F	88	110		182	40	1	.920	.514	20.40	13.40	62	62	240	240			
							BA = 27.68				T/A = 12.316			283	40	2	.920	.514	13.40	6.90	22	22	60	60			
																					84	84	300	300			
	0002	B1	1	DF	T	1	21.0	16	87	F	91	112		182	40	1	.920	.514	20.80	14.26	65	65	290	290			
							BA = 26.42				T/A = 10.986			283	40	2	.920	.514	14.26	7.66	27	27	70	70			
																					92	92	360	360			
	0003	B1	1	DF	L	1	17.2	16	87	F	75	97		183	40	1	.920	.514	16.97	11.21	41	41	180	180			
							BA = 26.42				T/A = 16.376			284	35	2	.920	.514	11.21	5.05	14	14	40	40			
																					55	55	220	220			
	0004	B1	1	DF	T	1	14.5	16	90	F	74	102		183	40	1	.920	.514	14.00	9.90	27	27	120	120			
							BA = 24.69				T/A = 21.532			284	34	2	.920	.514	9.90	5.16	10	10	40	40			
																					37	37	160	160			
	0005	B1	1	WH	L	1	15.0	16	85	F	69	94		183	40	1	.944	.542	15.42	9.78	33	33	120	120			
							BA = 27.68				T/A = 22.557			284	29	2	.944	.542	9.78	5.26	8	8	30	30			
																					42	41	150	150			
	0006	B1	1	WH	L	1	18.2	16	83	F	82	104		182	40	1	.944	.542	19.05	12.00	55	55	200	200			
							BA = 29.03				T/A = 16.070			284	40	2	.944	.542	12.00	5.66	18	18	40	40			
																					74	73	240	240			
	0007	B1	1	DF	T	1	7.2	16	87	F	17	69		184	16	2	.920	.514	6.91	5.19	3	3	20	20			
							BA = 26.42				T/A = 93.454										3	3	20	20			
PLOT							BA = 188.36				T/A = 193.291										6,120	6,102	23,807	23,807			
0003	0001	B1	1	DF	T	1	9.9	16	87	F	39	20		1xx	31						13	13	58	58			
				Count			BA = 26.10				T/A = 48.547										13	13	58	58			
	0002	B1	1	DF	L	1	11.4	16	88	F	49	9		1xx	32						21	21	88	88			
				Count			BA = 26.25				T/A = 36.809										21	21	88	88			
	0003	B1	1	DF	T	1	9.9	16	87	F	39	20		1xx	31						13	13	58	58			
				Count			BA = 26.10				T/A = 48.547										13	13	58	58			
	0004	B1	1	DF	T	1	9.9	16	87	F	39	20		1xx	31						13	13	58	58			
				Count			BA = 26.10				T/A = 48.547										13	13	58	58			
	0005	B1	1	DF	L	1	11.4	16	88	F	49	9		1xx	32						21	21	88	88			
				Count			BA = 26.25				T/A = 36.809										21	21	88	88			
	0006	B1	1	DF	T	1	9.9	16	87	F	39	20		1xx	31						13	13	58	58			
				Count			BA = 26.10				T/A = 48.547										13	13	58	58			
	0007	B1	1	DF	L	1	11.4	16	88	F	49	9		1xx	32						21	21	88	88			
				Count			BA = 26.25				T/A = 36.809										21	21	88	88			
	0008	B1	1	DF	T	1	9.9	16	87	F	39	20		1xx	31						13	13	58	58			

TWP	RGE	SC	TRACT				TYPE				ACRES				PLOTS				TREES				CRUISED DATE				CuFt	BdFt
10S	05E	19	U1: DXD16				TIMB				8.00				4				37				10/1/2024				S	W
Tree			C				T				S				Dia				Dia				Gross	Net	Gross	Net		
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt				
Count			BA = 26.10				T/A = 48.547																13	13	58	58		
0003	0009	B1	1	DF	L	1	11.4	16	88	F	49	9		1xx	32						21	21	88	88				
Count			BA = 26.25				T/A = 36.809																21	21	88	88		
	0010	B1	1	DF	T	1	9.9	16	87	F	39	20		1xx	31						13	13	58	58				
Count			BA = 26.10				T/A = 48.547																13	13	58	58		
PLOT			BA = 261.57				T/A = 438.515																6,944	6,937	29,725	29,725		
0004	0001	B1	1	DF	L	1	14.0	16	88	F	77	105		183	40	1	.920	.514	13.75	9.53	27	27	120	120				
			BA = 25.83				T/A = 24.159				284				37	2	.920	.514	9.53	5.22		11	11	40	40			
																							38	38	160	160		
	0002	B1	1	DF	T	1	10.1	16	86	F	47	80		183	40	2	.920	.514	9.98	6.12	13	13	60	60				
			BA = 27.04				T/A = 48.603																13	13	60	60		
	0003	B1	1	DF	T	1	13.3	16	85	F	79	113		183	40	1	.920	.514	13.39	8.91	25	25	90	90				
			BA = 27.68				T/A = 28.692				284				39	2	.920	.514	8.91	5.28		9	9	40	40			
																							35	34	130	130		
	0004	B1	1	DF	L	1	13.7	16	88	F	80	110		183	40	1	.920	.514	13.48	9.45	27	27	120	120				
			BA = 25.83				T/A = 25.229				284				40	2	.920	.514	9.45	5.25		12	12	40	40			
																							39	39	160	160		
	0005	B1	1	DF	L	1	10.2	16	87	H	18	26		184	17	2	.920	.514	9.79	7.35	6	6	30	30				
			BA = 26.42				T/A = 46.565																6	6	30	30		
	0006	B1	1	DF	T	1	9.3	16	90	F	44	78		184	40	2	.920	.514	8.90	5.81	10	10	40	40				
			BA = 24.69				T/A = 52.342																10	10	40	40		
	0007	B1	1	DF	T	1	8.8	16	90	F	38	71		184	38	2	.920	.514	8.38	5.42	9	9	40	40				
			BA = 24.69				T/A = 58.459																9	9	40	40		
	0008	B1	1	DF	L	1	8.4	16	88	F	33	66		184	33	2	.920	.514	8.11	5.43	8	8	40	40				
			BA = 25.83				T/A = 67.109																8	8	40	40		
	0009	B1	1	DF	L	1	8.3	16	88	F	31	62		184	31	2	.920	.514	7.99	5.42	6	6	30	30				
			BA = 25.83				T/A = 68.736																6	6	30	30		
	0010	B1	1	DF	L	1	11.6	16	85	F	65	102		183	40	1	.920	.514	11.64	7.56	19	19	70	70				
			BA = 27.68				T/A = 37.718				284				25	2	.920	.514	7.56	5.31		5	5	30	30			
																							24	24	100	100		
	0011	B1	1	DF	L	1	11.7	16	90	F	71	106		183	40	1	.920	.514	11.32	8.17	20	20	90	90				
			BA = 24.69				T/A = 33.071				284				31	2	.920	.514	8.17	5.30		8	8	30	30			
																							28	28	120	120		
	0012	B1	1	DF	T	1	9.1	16	88	F	40	74		184	40	2	.920	.514	8.83	5.42	10	10	40	40				
			BA = 25.83				T/A = 57.181																10	10	40	40		
	0013	B1	1	DF	T	1	12.4	16	88	F	65	94		183	40	1	.920	.514	12.14	8.17	23	23	90	90				
			BA = 25.83				T/A = 30.796				284				25	2	.920	.514	8.17	5.24		6	6	30	30			
																							29	29	120	120		
	0014	B1	1	WH	L	1	7.4	16	87	F	18	26		184	18	2	.944	.542	7.29	5.11	4	4	20	20				
			BA = 26.42				T/A = 88.471																4	4	20	20		
	0015	B1	1	DF	T	1	7.8	16	85	F	18	26		184	18	2	.920	.514	7.53	5.13	4	4	20	20				
			BA = 27.68				T/A = 83.421																4	4	20	20		
PLOT			BA = 391.97				T/A = 750.553																9,685	9,680	42,285	42,285		
TYPE			BA = 250.10				T/A = 410.995																6,759	6,750	28,421	28,421		

TC		PLOGSTVB		Log Stock Table - MBF																	
T10S R05E S19 TyTIMB24.00				Project: KINNEY										Page 1							
				Acres 24.00										Date 11/4/2024							
														Time 11:52:51AM							
Spp	S T	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches												
									2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+	
DF	T	DO	2M	40	15		15	3.8				15									
DF	T	DO	3M	30	10		10	2.4			10										
DF	T	DO	3M	40	203		203	50.4		110	60	33									
DF	T	DO	4M	12	2		2	.6		2											
DF	T	DO	4M	13	1		1	.2		1											
DF	T	DO	4M	17	3		3	.8		3											
DF	T	DO	4M	18	3		3	.8		3											
DF	T	DO	4M	24	35		35	8.6		35											
DF	T	DO	4M	28	11		11	2.6		11											
DF	T	DO	4M	31	15		15	3.6		15											
DF	T	DO	4M	32	25		25	6.2		25											
DF	T	DO	4M	36	36		36	8.8		36											
DF	T	DO	4M	39	4		4	1.1		4											
DF	T	DO	4M	40	40		40	9.9		40											
DF		Totals			403		403	60.1		175	110	70	33	15							
DF	L	DO	2M	40	55		55	22.2				35	20								
DF	L	DO	3M	38	6		6	2.5		6											
DF	L	DO	3M	40	168		168	67.6		46	67	55									
DF	L	DO	4M	14	1		1	.6		1											
DF	L	DO	4M	19	1		1	.6		1											
DF	L	DO	4M	23	4		4	1.5		4											
DF	L	DO	4M	27	5		5	2.0		5											
DF	L	DO	4M	30	8		8	3.0		8											
DF		Totals			248		248	36.9		19	52	67	55	35	20						
RC	L	DO	3M	40	17		17	81.8		17											
RC	L	DO	4M	18	4		4	18.2		4											
RC		Totals			20		20	3.0		4	17										
Total		All Species			672		672	100.0		198	162	154	88	50	20						

TC PSTATS			PROJECT STATISTICS						PAGE	1		
			PROJECT			KINNEY			DATE	11/4/2024		
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt			
10S	05E	19	U2: DXD16	TIMB	24.00	10	96	S	W			
			PLOTS		TREES	TREES	ESTIMATED TOTAL	PERCENT SAMPLE				
					PER PLOT	TREES	TREES					
TOTAL			10	96	9.6							
CRUISE			4	41	10.3	9,072	.5					
DBH COUNT												
REFOREST												
COUNT			6	55	9.2							
BLANKS												
100 %												
STAND SUMMARY												
			SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-L			12	70.1	14.2	66	20.4	76.9	10,330	10,330	2,574	2,567
DOUG FIR-T			26	281.3	9.9	43	47.5	149.1	16,811	16,811	3,860	3,876
WR CEDAR-L			1	7.7	14.6	58	2.3	8.9	844	844	275	276
R ALDER-L			2	18.9	7.6	31	2.1	5.9				
TOTAL			41	378.0	10.8	47	73.3	240.8	27,986	27,986	6,709	6,719
CONFIDENCE LIMITS OF THE SAMPLE												
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR												
CL	68.1	COEFF	SAMPLE TREES - BF					# OF TREES REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15		
DOUG FIR-L			56.6	17.0	153	185	217					
DOUG FIR-T			81.8	16.4	72	86	100					
WR CEDAR-L												
R ALDER-L												
TOTAL			84.1	13.1	97	111	126	282	71	31		
CL	68.1	COEFF	SAMPLE TREES - CF					# OF TREES REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15		
DOUG FIR-L			54.3	16.4	38	46	53					
DOUG FIR-T			85.4	17.1	17	21	24					
WR CEDAR-L												
R ALDER-L												
TOTAL			84.5	13.2	24	27	31	285	71	32		
CL	68.1	COEFF	TREES/ACRE					# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15		
DOUG FIR-L			47.3	15.8	59	70	81					
DOUG FIR-T			62.4	20.8	223	281	340					
WR CEDAR-L			225.0	74.9	2	8	13					
R ALDER-L			316.2	105.2		19	39					
TOTAL			42.2	14.0	325	378	431	79	20	9		
CL	68.1	COEFF	BASAL AREA/ACRE					# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15		
DOUG FIR-L			49.6	16.5	64	77	90					
DOUG FIR-T			61.4	20.4	119	149	180					
WR CEDAR-L			225.0	74.9	2	9	16					
R ALDER-L			316.2	105.2		6	12					
TOTAL			41.5	13.8	208	241	274	76	19	8		
CL	68.1	COEFF	NET BF/ACRE					# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15		
DOUG FIR-L			54.3	18.1	8,463	10,330	12,197					
DOUG FIR-T			61.4	20.4	13,375	16,811	20,248					
WR CEDAR-L			225.0	74.9	212	844	1,476					
R ALDER-L												

TC		PSTATS		PROJECT STATISTICS							PAGE	2
				PROJECT		KINNEY			DATE	11/4/2024		
TWP	RGE	SC	TRACT	TYPE		ACRES		PLOTS	TREES	CuFt	BdFt	
10S	05E	19	U2: DXD16	TIMB		24.00		10	96	S	W	
CL	68.1		COEFF	NET BF/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH	5	10	15		
TOTAL			49.1	16.4	23,409	27,986	32,562	107	27	12		
CL	68.1		COEFF	NET CUFT FT/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15		
DOUG FIR-L			53.2	17.7	2,113	2,567	3,021					
DOUG FIR-T			61.4	20.4	3,084	3,876	4,668					
WR CEDAR-L			225.0	74.9	69	276	483					
R ALDER-L												
TOTAL			47.8	15.9	5,651	6,719	7,787	101	25	11		

TC		PSPCSTGR Species, Sort Grade - Board Foot Volumes (Project)																		
T10S R05E S19 TyTIMB24.00				Project: KINNEY												Page 1				
				Acres 24.00												Date 11/4/2024				
																Time 11:52:52AM				
S So Gr			%	Bd. Ft. per Acre			Total Net MBF	Percent of Net Board Foot Volume								Average Log				Logs Per /Acre
Spp	T	rt ad	Net BdFt	Def%	Gross	Net		Log Scale Dia.				Log Length				Ln Ft	Dia In	Bd Ft	CF/ Lf	
								4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99					
DF	T	DO 2M	3		641	641	15	100				100				40	12	200	1.17	3.2
DF	T	DO 3M	53		8,887	8,887	213	100				595				39	7	80	0.49	110.8
DF	T	DO 4M	44		7,284	7,284	175	100				6262346				30	5	32	0.23	228.9
DF Totals			60		16,811	16,811	403	43	53	4		2	14	10	74	33	6	49	0.34	343.0
DF	L	DO 2M	22		2,290	2,290	55	100				100				40	13	241	1.34	9.5
DF	L	DO 3M	70		7,245	7,245	174	100				100				40	8	92	0.59	78.8
DF	L	DO 4M	8		795	795	19	100				1585				24	5	23	0.27	34.1
DF Totals			37		10,330	10,330	248	8	70	22		1	7		92	35	7	84	0.59	122.4
RC	L	DO 3M	81		691	691	17	100				100				40	8	90	0.80	7.7
RC	L	DO 4M	19		154	154	4	100				100				18	5	20	0.22	7.7
RC Totals			3		844	844	20	18	82			18			82	29	7	55	0.62	15.4
Totals					27,986	27,986	672	29	60	10		2	11	6	81	34	6	58	0.42	480.7

TC		PSTNDSUM										Stand Table Summary										Page		1	
																						Date:		11/4/2024	
T10S R05E S19 TyTIMB		24.00										Project		KINNEY						Time:		11:52:52AM			
												Acres		24.00						Grown Year:					
S Sp	T	Sample		Tot		Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Net		Net	T o t a l s											
		DBH	Trees	FF 16'	Av Ht				Net Cu.Ft.	Net Bd.Ft.	Tons/ Acre	Cu.Ft. Acre		Bd.Ft. Acre	Tons	Cunits	MBF								
DF	T	7	2	86	54	41.606	11.59	41.61	4.4	30.0	5.22	183	1,248	125	44	30									
DF	T	8	4	86	67	67.002	23.17	67.00	7.2	34.8	13.70	481	2,331	329	115	56									
DF	T	9	5	87	64	66.921	28.73	66.92	9.2	38.9	17.34	615	2,604	416	148	62									
DF	T	10	5	87	75	51.658	28.84	62.04	11.3	48.4	19.61	699	3,000	471	168	72									
DF	T	12	1	88	78	6.862	5.66	6.86	15.1	60.0	2.96	104	412	71	25	10									
DF	T	13	3	87	81	19.617	17.26	39.23	13.0	50.0	14.47	508	1,960	347	122	47									
DF	T	14	3	88	99	16.069	16.99	32.14	19.2	78.4	17.65	617	2,518	424	148	60									
DF	T	15	1	88	100	4.435	5.66	8.87	24.1	95.0	6.16	214	843	148	51	20									
DF	T	16	1	89	116	3.964	5.54	11.89	19.9	86.7	6.66	236	1,031	160	57	25									
DF	T	18	1	88	109	3.204	5.66	6.41	34.0	135.0	6.24	218	865	150	52	21									
DF	T	Totals	26	87	71	281.339	149.09	342.97	11.3	49.0	110.00	3,876	16,811	2,640	930	403									
DF	L	11	2	86	69	20.816	13.21	20.82	14.8	60.0	8.80	309	1,249	211	74	30									
DF	L	13	2	86	88	14.703	13.21	29.41	15.0	57.4	12.58	441	1,687	302	106	40									
DF	L	14	2	88	79	11.574	12.63	23.15	15.9	62.0	10.63	369	1,434	255	89	34									
DF	L	15	1	89	88	4.899	6.17	9.80	21.1	90.0	5.94	207	882	142	50	21									
DF	L	17	2	87	108	8.639	13.06	17.28	28.9	120.0	14.24	499	2,073	342	120	50									
DF	L	18	1	90	107	3.417	6.17	6.83	33.3	130.0	6.51	228	888	156	55	21									
DF	L	19	1	89	105	3.206	6.31	6.41	38.2	150.0	6.96	245	962	167	59	23									
DF	L	20	1	89	118	2.887	6.17	8.66	31.2	133.3	7.71	270	1,155	185	65	28									
DF	L	Totals	12	87	86	70.140	76.95	122.35	21.0	84.4	73.36	2,567	10,330	1,761	616	248									
RC	L	15	1	81	73	7.675	8.92	15.35	18.0	55.0	6.47	276	844	155	66	20									
RC	L	Totals	1	81	73	7.675	8.92	15.35	18.0	55.0	6.47	276	844	155	66	20									
RA	L	7	1	81	86	11.130	2.97																		
RA	L	8	1	82	63	7.727	2.90																		
RA	L	Totals	2	81	77	18.856	5.88																		
Totals		41	86	74	378.011	240.84	480.68	14.0	58.2	189.84	6,719	27,986		4,556	1,613	672									

TC TREESEGR														TREE SEGMENT VOLUMES										Page		1														
														Project:		KINNEY				Date		11/4/2024																		
TWP	RGE	SC	TRACT				TYPE				ACRES				PLOTS				TREES				CRUISED DATE				CuFt	BdFt												
10S	05E	19	U2: DXD16				TIMB				24.00				10				96				10/1/2024				S	W												
Tree					C				T				Bole				Tot.				S								Dia		Dia		Gross		Net		Gross		Net	
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt	BdFt	BdFt	BdFt	BdFt	BdFt	BdFt										
0001	0001	B1	1	DF	L	1	14.2	16	88	F	66	86		1xx	36						37	37	147	147	147	147	147	147	147	147	147									
				Count			BA = 25.65				T/A = 23.380										37	37	147	147	147	147	147	147	147	147	147									
	0003	B1	1	DF	L	1	14.2	16	88	F	66	86		1xx	36						37	37	147	147	147	147	147	147	147	147	147									
				Count			BA = 25.65				T/A = 23.380										37	37	147	147	147	147	147	147	147	147	147									
	0006	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60	60	60	60	60	60	60	60									
				Count			BA = 26.16				T/A = 49.358										14	14	60	60	60	60	60	60	60	60	60									
	0008	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60	60	60	60	60	60	60	60									
				Count			BA = 26.16				T/A = 49.358										14	14	60	60	60	60	60	60	60	60	60									
	0011	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60	60	60	60	60	60	60	60									
				Count			BA = 26.16				T/A = 49.358										14	14	60	60	60	60	60	60	60	60	60									
PLOT								BA = 129.77		T/A = 194.833												3,748	3,751	15,735	15,735															
0002	0001	B1	1	DF	L	1	18.2	16	90	F	89	107		182	40	1	.920	.514	17.63	12.80	47	47	200	200	200	200	200	200	200	200	200									
							BA = 24.69				T/A = 13.667			283	40	2	.920	.514	12.80	6.96	20	20	60	60	60	60	60	60	60	60	60									
																					67	67	260	260	260	260	260	260	260	260	260									
	0002	B1	1	DF	T	1	7.0	16	87	F	25	62		184	24	2	.920	.514	6.79	5.04	4	4	30	30	30	30	30	30	30	30	30									
							BA = 26.42				T/A = 98.871										4	4	30	30	30	30	30	30	30	30	30									
	0003	B1	1	DF	T	1	18.0	16	88	F	90	109		182	40	1	.920	.514	17.71	12.44	47	47	200	200	200	200	200	200	200	200	200									
							BA = 25.83				T/A = 14.615			283	40	2	.920	.514	12.44	7.03	21	21	70	70	70	70	70	70	70	70	70									
																					68	68	270	270	270	270	270	270	270	270	270									
	0004	B1	1	DF	T	1	13.5	16	88	F	80	107		183	40	1	.920	.514	13.28	9.33	27	27	120	120	120	120	120	120	120	120	120									
							BA = 25.83				T/A = 25.982			284	40	2	.920	.514	9.33	5.26	12	12	40	40	40	40	40	40	40	40	40									
																					39	39	160	160	160	160	160	160	160	160	160									
	0005	B1	1	DF	T	1	8.4	16	87	F	36	65		184	36	2	.920	.514	8.24	5.45	9	9	40	40	40	40	40	40	40	40	40									
							BA = 26.42				T/A = 68.660										9	9	40	40	40	40	40	40	40	40	40									
	0006	B1	1	DF	L	1	16.5	16	88	F	91	113		183	40	1	.920	.514	16.25	11.51	41	41	180	180	180	180	180	180	180	180	180									
							BA = 25.83				T/A = 17.393			283	40	2	.920	.514	11.51	6.94	17	17	60	60	60	60	60	60	60	60	60									
																					58	58	240	240	240	240	240	240	240	240	240									
	0007	B1	1	DF	L	1	19.8	16	90	F	100	118		182	40	1	.920	.514	19.23	14.23	61	61	290	290	290	290	290	290	290	290	290									
							BA = 24.69				T/A = 11.547			283	40	1	.920	.514	14.23	8.97	28	28	90	90	90	90	90	90	90	90	90									
														384	19	2	.920	.514	8.97	5.07	5	5	20	20	20	20	20	20	20	20	20									
																					94	94	400	400	400	400	400	400	400	400	400									
	0008	B1	1	DF	T	1	16.0	16	89	F	93	116		183	40	1	.920	.514	15.65	11.36	38	38	180	180	180	180	180	180	180	180	180									
							BA = 25.25				T/A = 18.084			283	40	1	.920	.514	11.36	7.13	19	19	70	70	70	70	70	70	70	70	70									
														384	13	2	.920	.514	7.13	5.03	3	3	10	10	10	10	10	10	10	10	10									
																					59	60	260	260	260	260	260	260	260	260	260									
	0009	B1	1	DF	L	1	16.8	16	87	F	83	103		183	40	1	.920	.514	16.63	11.32	41	41	180	180	180	180	180	180	180	180	180									
							BA = 26.42				T/A = 17.165			283	38	2	.920	.514	11.32	6.08	16	16	60	60	60	60	60	60	60	60	60									
																					57	57	240	240	240	240	240	240	240	240	240									
	0010	B1	1	DF	T	1	10.0	16	88	F	52	81		183	40	1	.920	.514	9.77	6.47	13	13	60	60	60	60	60	60	60	60	60									
							BA = 25.83				T/A = 47.352			284	12	2	.920	.514	6.47	5.33	2	2	10	10	10	10	10	10	10	10	10									
																					15	15	70	70	70	70	70	70	70	70	70									
	0011	B1	1	DF	L	1	10.5	16	87	F	48	72		183	40	2	.920	.514	10.28	6.32	15	15	60	60	60	60	60	60	60	60	60									
							BA = 26.42				T/A = 43.943										15	15	60	60	60	60	60	60	60	60	60									
	0012	B1	1	DF	T	1	7.9	16	87	F	32	62		184	32	2	.920	.514	7.77	5.46	6	6	30	30	30	30	30	30	30	30	30									
							BA = 26.42				T/A = 77.627										6	6	30	30	30	30	30	30	30	30	30									
																					6	6	30	30	30	30	30	30	30	30	30									
	0013	B1	1	DF	T	1	14.3	16	88	F	76	98		183	40	1	.920	.514	14.04	9.67	30	30	120	120	120	120	120	120	120	120	120									
							BA = 25.83				T/A = 23.156			284	36	2	.920	.514	9.67	5.20	10	10	40	40	40	40	40	40	40	40	40									
																					41	40	160	160	160	160	160	160	160	160	160									
PLOT								BA = 335.88		T/A = 478.061												10,854	10,854	46,969	46,969															
0003	0001	B1	1	DF	L	1	14.2	16	88	F	66	86		1xx	36						37	37	147	147	147	147	147	147	147	147	147									
				Count			BA = 25.65				T/A = 23.380										37	37	147	147	147	147	147	147	147	147	147									
	0002	B1	1	DF	L	1	14.2	16	88	F	66	86		1xx	36						37	37	147	147	147	147	147	147	147	147	147									
				Count			BA = 25.65				T/A = 23.380										37	37	147	147	147	147	147	147	147	147	147									

TREE SEGMENT VOLUMES

Project: KINNEY

Page 2
Date 11/4/2024

TWP	RGE	SC	TRACT							TYPE				ACRES			PLOTS			TREES			CRUISED DATE		CuFt	BdFt
10S	05E	19	U2: DXD16							TIMB				24.00			10			96			10/1/2024		S	W
Tree				C				T		Bole	Tot.	S						Dia	Dia	Gross	Net	Gross	Net			
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt		
0003	0003	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60		
																					Count	BA = 26.16	T/A = 49.358	14	14	60
	0004	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60		
																					Count	BA = 26.16	T/A = 49.358	14	14	60
	0005	B1	1	DF	L	1	14.2	16	88	F	66	86		1xx	36						37	37	147	147		
																					Count	BA = 25.65	T/A = 23.380	37	37	147
	0006	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33							14	14	60	60	
																						Count	BA = 26.16	T/A = 49.358	14	14
	0007	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33							14	14	60	60	
																						Count	BA = 26.16	T/A = 49.358	14	14
	0008	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33							14	14	60	60	
																						Count	BA = 26.16	T/A = 49.358	14	14
	0009	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33							14	14	60	60	
																						Count	BA = 26.16	T/A = 49.358	14	14
	0010	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33							14	14	60	60	
																						Count	BA = 26.16	T/A = 49.358	14	14
0011	B1	1	DF	L	1	14.2	16	88	F	66	86		1xx	36							37	37	147	147		
																					Count	BA = 25.65	T/A = 23.380	37	37	147
0012	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33							14	14	60	60		
																					Count	BA = 26.16	T/A = 49.358	14	14	60
0013	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33							14	14	60	60		
																					Count	BA = 26.16	T/A = 49.358	14	14	60
0014	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33							14	14	60	60		
																					Count	BA = 26.16	T/A = 49.358	14	14	60
0015	B1	1	DF	L	1	14.2	16	88	F	66	86		1xx	36							37	37	147	147		
																					Count	BA = 25.65	T/A = 23.380	37	37	147
0016	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33							14	14	60	60		
																					Count	BA = 26.16	T/A = 49.358	14	14	60
PLOT						BA = 415.96				T/A = 659.835								11,739	11,758	49,660	49,660					
0004	0001	B1	1	DF	L	1	14.0	16	88	F	54	69		183	40	2	.920	.514	13.55	8.11	25	25	90	90		
																					BA = 25.83	T/A = 24.159	284	14	1	.920
	0002	B1	1	RA	L	1	8.3	16	83	H	35	63					.953	.551			29	28	100	100		
																					BA = 29.03	T/A = 77.266				
	0003	B1	1	RA	L	1	7.0	16	82	H	28	86					.953	.551								
																									BA = 29.74	T/A = 111.296
PLOT						BA = 84.60				T/A = 212.721								696	687	2,416	2,416					
0005	0001	B1	1	DF	L	1	14.2	16	88	F	66	86		1xx	36						37	37	147	147		
																					Count	BA = 25.65	T/A = 23.380	37	37	147
	0002	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60		
																					Count	BA = 26.16	T/A = 49.358	14	14	60
0003	B1	1	DF	L	1	14.2	16	88	F	66	86		1xx	36							37	37	147	147		
																					Count	BA = 25.65	T/A = 23.380	37	37	147

[illegible]

TWP	RGE	SC	TRACT				TYPE				ACRES			PLOTS			TREES			CRUISED DATE		CuFt	BdFt	
10S	05E	19	U2: DXD16				TIMB				24.00			10			96			10/1/2024		S	W	
Tree			C				T				S			Dia			Dia			Gross	Net	Gross	Net	
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt
0007	0008	B1	1	DF	L	1	19.0	16	89	F	88	105		182	40	1	.920	.514	18.53	13.15	54	54	240	240
							BA = 25.25				T/A = 12.824			283	40	2	.920	.514	13.15	6.85	22	22	60	60
																					76	76	300	300
	0009	B1	1	DF	T	1	8.9	16	87	F	44	77		184	40	2	.920	.514	8.77	5.73	10	10	40	40
							BA = 26.42				T/A = 61.162										10	10	40	40
	0010	B1	1	DF	T	1	10.1	16	87	F	48	73		183	40	1	.920	.514	9.91	6.22	13	13	60	60
							BA = 26.42				T/A = 47.492										13	13	60	60
	0011	B1	1	RC	L	1	14.6	16	82	F	58	73		183	40	1	.951	.497	15.35	8.57	32	32	90	90
							BA = 29.74				T/A = 25.584			284	18	1	.951	.497	8.57	5.29	4	4	20	20
																					36	36	110	110
	0012	B1	1	DF	T	1	10.4	16	87	F	50	76		183	40	1	.920	.514	10.21	6.44	15	15	60	60
							BA = 26.42				T/A = 44.792										15	15	60	60
	0013	B1	1	DF	L	1	13.2	16	87	F	67	90		183	40	1	.920	.514	13.02	8.60	25	25	90	90
							BA = 26.42				T/A = 27.805			284	27	2	.920	.514	8.60	5.22	7	7	30	30
																					32	32	120	120
PLOT							BA = 343.86				T/A = 609.622										9,071	9,085	37,684	37,684
0008	0001	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60
				Count			BA = 26.16				T/A = 49.358										14	14	60	60
	0002	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60
				Count			BA = 26.16				T/A = 49.358										14	14	60	60
	0003	B1	1	DF	L	1	14.2	16	88	F	66	86		1xx	36						37	37	147	147
				Count			BA = 25.65				T/A = 23.380										37	37	147	147
The below entry did not match on species, status or dbh																								
	0004	B1	1	WH	L	1	10.4																	
	0005	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60
				Count			BA = 26.16				T/A = 49.358										14	14	60	60
	0006	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60
				Count			BA = 26.16				T/A = 49.358										14	14	60	60
	0007	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60
				Count			BA = 26.16				T/A = 49.358										14	14	60	60
The below entry did not match on species, status or dbh																								
	0008	B1	1	WH	L	1	14.3																	
PLOT							BA = 156.43				T/A = 270.169										4,244	4,255	18,190	18,190
0009	0001	B1	1	DF	T	1	8.5	16	87	F	28	44		184	28	2	.920	.514	8.16	5.39	7	7	30	30
							BA = 26.42				T/A = 67.054										7	7	30	30
	0002	B1	1	DF	L	1	14.3	16	90	F	70	90		183	40	1	.920	.514	13.78	9.60	27	27	120	120
							BA = 24.69				T/A = 22.138			284	30	2	.920	.514	9.60	5.15	9	9	30	30
																					36	36	150	150
	0003	B1	1	DF	T	1	14.0	16	88	F	71	92		183	40		.920	.514	13.72	9.30	27	27	120	120
							BA = 25.83				T/A = 24.159			284	31	2	.920	.514	9.30	5.19	9	9	30	30
																					36	36	150	150
	0004	B1	1	DF	T	1	10.1	16	88	F	44	65		184	40	1	.920	.514	9.78	5.89	12	12	40	40
							BA = 25.83				T/A = 46.419										12	12	40	40
	0005	B1	1	DF	L	1	15.2	16	90	F	70	88		183	40	1	.920	.514	14.63	10.11	32	32	150	150
							BA = 24.69				T/A = 19.594			284	30	2	.920	.514	10.11	5.09	10	10	30	30
																					43	42	180	180
	0006	B1	1	DF	T	1	12.7	16	86	F	57	77		183	40	1	.920	.514	12.56	7.72	21	21	70	70
							BA = 27.04				T/A = 30.740			284	17	2	.920	.514	7.72	5.19	3	3	20	20
																					24	24	90	90

TWP	RGE	SC	TRACT				TYPE				ACRES			PLOTS			TREES			CRUISED DATE		CuFt	BdFt	
10S	05E	19	U2: DXD16				TIMB				24.00			10			96			10/1/2024		S	W	
Tree				C				T				S			Dia			Dia		Gross	Net	Gross	Net	
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt
0009	0007	B1	1	DF	T	1	10.0	16	86	F	50	78		183	40	2	.920	.514	9.92	6.29	13	13	60	60
							BA = 27.04				T/A = 49.580										13	13	60	60
	0008	B1	1	DF	T	1	9.4	16	90	F	48	77		183	40	2	.920	.514	9.03	6.13	13	13	60	60
							BA = 24.69				T/A = 51.234										13	13	60	60
	0009	B1	1	DF	T	1	12.5	16	89	F	64	87		183	40	2	.920	.514	12.13	8.24	23	23	90	90
							BA = 25.25				T/A = 29.628			284	24	1	.920	.514	8.24	5.22	6	6	30	30
																					29	29	120	120
	0010	B1	1	DF	T	1	8.6	16	85	F	31	52		184	31	1	.920	.514	8.47	5.42	8	8	30	30
							BA = 27.68				T/A = 68.623										8	8	30	30
	0011	B1	1	DF	T	1	12.9	16	87	F	58	78		183	40	1	.920	.514	12.66	7.94	21	21	70	70
							BA = 26.42				T/A = 29.113			284	18	2	.920	.514	7.94	5.17	4	4	20	20
																					25	25	90	90
	0012	B1	1	DF	L	1	11.1	16	87	F	46	65		183	40	2	.920	.514	10.82	6.26	15	15	60	60
							BA = 26.42				T/A = 39.320										15	15	60	60
PLOT							BA = 312.01				T/A = 477.603										8,199	8,242	33,749	33,749
0010	0001	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60
				Count			BA = 26.16				T/A = 49.358										14	14	60	60
	0002	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60
				Count			BA = 26.16				T/A = 49.358										14	14	60	60
	0003	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60
				Count			BA = 26.16				T/A = 49.358										14	14	60	60
	0004	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60
				Count			BA = 26.16				T/A = 49.358										14	14	60	60
The below entry did not match on species, status or dbh																								
	0005	B1	1	WH	L	1	7.7																	
The below entry did not match on species, status or dbh																								
	0006	B1	1	WH	L	1	9.3																	
	0007	B1	1	DF	L	1	14.2	16	88	F	66	86		1xx	36						37	37	147	147
				Count			BA = 25.65				T/A = 23.380										37	37	147	147
	0008	B1	1	DF	T	1	9.9	16	87	F	43	71		1xx	33						14	14	60	60
				Count			BA = 26.16				T/A = 49.358										14	14	60	60
	0009	B1	1	DF	L	1	14.2	16	88	F	66	86		1xx	36						37	37	147	147
				Count			BA = 25.65				T/A = 23.380										37	37	147	147
PLOT							BA = 182.08				T/A = 293.549										5,102	5,111	21,633	21,633
TYPE							BA = 240.84				T/A = 378.011										6,709	6,719	27,986	27,986

TC		PLOGSTVB		Log Stock Table - MBF																	
T10S R05E S30 TyTIMB8.00				Project:		KINNEY												Page		1	
																		Date		11/4/2024	
																		Time		11:57:26AM	
Spp	S T	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches												
									2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+	
DF	L	DO	2M	40	16		16	17.7						16							
DF	L	DO	3M	40	61		61	66.4			18	43									
DF	L	DO	4M	15	1		1	1.2		1											
DF	L	DO	4M	25	3		3	3.1		3											
DF	L	DO	4M	27	4		4	4.6		4											
DF	L	DO	4M	35	3		3	3.4		3											
DF	L	DO	4M	40	3		3	3.7		3											
DF		Totals			92		92	26.8		15	18	43	16								
DF	T	DO	3M	40	55		55	60.0		28	12	15									
DF	T	DO	4M	17	4		4	4.9		4											
DF	T	DO	4M	22	4		4	4.5		4											
DF	T	DO	4M	25	4		4	4.5		4											
DF	T	DO	4M	30	10		10	10.9		10											
DF	T	DO	4M	32	14		14	15.2		14											
DF		Totals			92		92	26.8		37	28	12	15								
DF		DO	2M	40	19		19	21.9				12	7								
DF		DO	3M	40	56		56	65.2		23	16	17									
DF		DO	4M	14	1		1	.7		1											
DF		DO	4M	15	1		1	1.6		1											
DF		DO	4M	16	0		0	.4		0											
DF		DO	4M	17	1		1	1.5		1											
DF		DO	4M	20	1		1	1.4		1											
DF		DO	4M	22	2		2	2.4		2											
DF		DO	4M	31	1		1	1.4		1											
DF		DO	4M	33	1		1	1.7		1											
DF		DO	4M	36	2		2	1.9		2											
DF		Totals			86		86	25.1		11	23	16	17	12	7						
WH		T	DO	3M	40	47		47	80.5		15	32									
WH			DO	4M	18	4		4	7.3		4										
WH	DO		4M	20	3		3	5.9		3											
WH	DO		4M	21	4		4	6.3		4											
WH	Totals			58		58	17.0		11	15	32										
WH		DO	3M	40	10		10	85.4			5	6									

TC		PLOGSTVB		Log Stock Table - MBF																	
T10S R05E S30 TyTIMB8.00		Project: KINNEY										Page 2									
		Acres 8.00										Date 11/4/2024									
												Time 11:57:26AM									
S T Spp	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	%	Net Volume by Scaling Diameter in Inches													
								2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+		
WH	DO	4M	14	1		1	4.3	1													
WH	DO	4M	38	1		1	10.3	1													
WH	Totals			12		12	3.5	2	5	6											
RC	DO	4M	40	3		3	100.0	3													
RC	Totals			3		3	.8	3													
Total	All Species			343		343	100.0	78	66	83	81	12	16	7							

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																
T10S R05E S30 TyTIMB8.00				Project:		KINNEY										Page		1		
				Acres		8.00										Date		11/4/2024		
																Time		11:57:26AM		
S So Gr Spp T rt ad			% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent of Net Board Foot Volume								Average Log				Logs Per /Acre
								Log Scale Dia.				Log Length				Ln Ft	Dia In	Bd Ft	CF/ Lf	
								4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99					
DF	L	DO 2M	17		2,032	2,032	16	100				100				40	14	290	1.74	7.0
DF	L	DO 3M	67		7,632	7,632	61	100				100				40	9	134	0.89	56.8
DF	L	DO 4M	16		1,835	1,835	15	100				8	48	21	23	29	5	32	0.33	56.8
DF Totals			27		11,499	11,499	92	16	66	18		1	8	3	88	35	8	95	0.73	120.5
DF	T	DO 3M	59		6,881	6,881	55	100				100				40	7	83	0.52	83.3
DF	T	DO 4M	41		4,595	4,595	37	100				12	50	38		27	5	27	0.23	171.1
DF Totals			27		11,477	11,477	92	40	60			5	20	15	60	31	6	45	0.35	254.3
DF		DO 2M	21		2,355	2,355	19			62	38			100		40	14	274	1.55	8.6
DF		DO 3M	66		7,029	7,029	56			100				100		40	8	92	0.60	76.1
DF		DO 4M	13		1,393	1,393	11	100				43	19	24	14	22	5	23	0.25	61.5
DF Totals			25		10,776	10,776	86	13	65	14	8	6	2	3	89	32	7	74	0.57	146.2
WH	T	DO 3M	80		5,853	5,853	47	100				100				40	8	83	0.55	70.9
WH	T	DO 4M	20		1,419	1,419	11	100				68	32			20	5	20	0.23	70.9
WH Totals			17		7,271	7,271	58	20	80			13	6		80	30	6	51	0.44	141.9
WH		DO 3M	85		1,295	1,295	10	100				100				40	9	124	0.86	10.5
WH		DO 4M	15		222	222	2	100				30		70		23	5	21	0.33	10.5
WH Totals			4		1,517	1,517	12	15	85			4		96		31	7	72	0.67	21.0
RC		DO 4M	100		337	337	3	100						100		40	5	40	0.77	8.4
RC Totals			1		337	337	3	100						100		40	5	40	0.77	8.4
Totals					42,878	42,878	343	23	67	8	2	5	9	6	80	32	6	62	0.50	692.3

TC		PSTNDSUM										Stand Table Summary										Page		1	
																						Date:		11/4/2024	
T10S R05E S30 TyTIMB		8.00		Project		KINNEY		Time:		11:57:27AM		Acres		8.00		Grown Year:									
S Sp	T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	T o t a l s											
									Net Cu.Ft.	Net Bd.Ft.				Tons	Cunits	MBF									
DF L		13	1	86	90	17.802	17.18	35.60	16.0	60.0	16.22	569	2,136	130	46	17									
DF L		16	1	87	80	11.708	17.18	23.42	23.7	90.0	15.80	554	2,107	126	44	17									
DF L		17	1	87	100	10.522	17.18	21.04	30.3	110.0	18.19	638	2,315	145	51	19									
DF L		18	1	86	90	9.719	17.18	19.44	29.3	110.0	16.25	570	2,138	130	46	17									
DF L		21	1	87	112	7.007	17.18	21.02	33.8	133.3	20.27	711	2,803	162	57	22									
DF L		Totals	5	87	93	56.758	85.88	120.52	25.2	95.4	86.72	3,043	11,499	694	243	92									
DF T		8	1	89	55	46.000	16.46	46.00	6.5	30.0	8.47	297	1,380	68	24	11									
DF T		9	1	90	48	41.772	16.46	41.77	7.3	30.0	8.67	304	1,253	69	24	10									
DF T		10	1	89	85	27.904	16.46	55.81	8.8	40.0	14.05	493	2,232	112	39	18									
DF T		11	1	86	90	25.748	17.62	51.50	11.5	45.0	16.87	592	2,317	135	47	19									
DF T		13	1	90	85	17.321	16.46	34.64	14.4	60.0	14.20	498	2,079	114	40	17									
DF T		16	1	86	90	12.307	17.62	24.61	23.2	90.0	16.26	571	2,215	130	46	18									
DF T		Totals	6	89	69	171.051	101.08	254.33	10.8	45.1	78.50	2,755	11,477	628	220	92									
DF		12	4	90	87	31.871	24.70	63.74	10.7	43.8	19.31	679	2,790	155	54	22									
DF		13	1	90	93	7.243	6.17	14.49	13.8	55.0	5.79	201	797	46	16	6									
DF		14	1	90	87	5.858	6.17	11.72	15.2	55.0	5.13	178	644	41	14	5									
DF		15	2	87	100	10.116	12.92	20.23	21.6	84.9	12.52	436	1,718	100	35	14									
DF		16	1	90	97	4.477	6.17	8.95	23.0	95.0	5.96	206	851	48	16	7									
DF		18	2	87	114	7.449	12.92	14.90	32.1	124.7	13.63	478	1,858	109	38	15									
DF		20	1	87	109	3.153	6.61	6.31	39.9	150.0	7.20	252	946	58	20	8									
DF		25	1	87	116	1.956	6.46	5.87	46.6	200.0	7.77	273	1,174	62	22	9									
DF		Totals	13	89	95	72.123	82.11	146.20	18.5	73.7	77.32	2,703	10,776	619	216	86									
WH T		12	1	86	80	26.543	19.82	53.09	11.1	45.0	18.84	589	2,389	151	47	19									
WH T		13	2	86	79	44.387	39.64	88.77	14.5	55.0	41.18	1,287	4,883	329	103	39									
WH T		Totals	3	86	79	70.930	59.45	141.86	13.2	51.3	60.01	1,875	7,271	480	150	58									
WH		14	1	85	74	6.567	6.92	13.13	15.7	50.0	6.67	206	657	53	16	5									
WH		17	1	87	99	3.910	6.46	7.82	29.9	110.0	7.49	234	860	60	19	7									
WH		Totals	2	86	83	10.477	13.38	20.95	21.0	72.4	14.16	440	1,517	113	35	12									
RC		15	1	69	63	8.427	10.20	8.43	30.7	40.0	6.07	258	337	49	21	3									
RC		Totals	1	69	63	8.427	10.20	8.43	30.7	40.0	6.07	258	337	49	21	3									
Totals			30	87	79	389.767	352.10	692.30	16.0	61.9	322.79	11,075	42,878	2,582	886	343									

TC TSTATS				STATISTICS				PAGE	1	
				PROJECT	KINNEY			DATE	11/4/2024	
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
10S	05E	30	U3: DXD17	TIMB	8.00	4	57	S	W	
				TREES	ESTIMATED TOTAL	PERCENT SAMPLE				
				PER PLOT	TREES	TREES				
PLOTS		TREES								
TOTAL		4		57		14.3				
CRUISE		2		30		15.0		3,118		1.0
DBH COUNT										
REFOREST										
COUNT		2		27		13.5				
BLANKS										
100 %										
STAND SUMMARY										
SAMPLE TREES		TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR		13	72.1	14.4	67	21.6	82.1	10,776	10,776	2,713
DOUG FIR-L		5	56.8	16.7	74	21.0	85.9	11,499	11,499	3,043
DOUG FIR-T		6	171.1	10.4	46	31.3	101.1	11,477	11,477	2,755
WHEMLOCK		2	10.5	15.3	63	3.4	13.4	1,517	1,517	443
WHEMLOCK-T		3	70.9	12.4	60	16.9	59.5	7,271	7,271	1,875
WR CEDAR		1	8.4	14.9	42	2.6	10.2	337	337	258
TOTAL		30	389.8	12.9	57	98.1	352.1	42,878	42,878	11,087
CONFIDENCE LIMITS OF THE SAMPLE										
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR										
CL:	68.1 %	COEFF	SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
DOUG FIR		74.2	21.4	151	192	233				
DOUG FIR-L		45.8	22.8	176	228	280				
DOUG FIR-T		64.6	28.8	63	88	114				
WHEMLOCK		53.0	49.7	81	160	239				
WHEMLOCK-T		11.2	7.7	95	103	111				
WR CEDAR										
TOTAL		73.1	13.6	139	161	183	221	55	25	
CL:	68.1 %	COEFF	SAMPLE TREES - CF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
DOUG FIR		70.1	20.2	38	48	58				
DOUG FIR-L		43.0	21.4	47	60	73				
DOUG FIR-T		69.2	30.8	15	22	28				
WHEMLOCK		44.2	41.4	27	46	64				
WHEMLOCK-T		15.5	10.7	24	27	30				
WR CEDAR										
TOTAL		67.7	12.6	37	42	47	189	47	21	
CL:	68.1 %	COEFF	TREES/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
DOUG FIR		200.0	114.3		72	155				
DOUG FIR-L		68.2	39.0	35	57	79				
DOUG FIR-T		70.7	40.4	102	171	240				
WHEMLOCK		200.0	114.3		10	22				
WHEMLOCK-T		75.9	43.4	40	71	102				
WR CEDAR		200.0	114.3		8	18				
TOTAL				390	390	390				
CL:	68.1 %	COEFF	BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
DOUG FIR		200.0	114.3		82	176				
DOUG FIR-L		68.2	39.0	52	86	119				
DOUG FIR-T		70.7	40.4	60	101	142				
WHEMLOCK		200.0	114.3		13	29				

TC TSTATS				STATISTICS				PAGE	2
				PROJECT	KINNEY			DATE	11/4/2024
TWP	RGE	SECT	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
10S	05E	30	U3: DXD17	TIMB	8.00	4	57	S	W
CL:	68.1 %	COEFF		BASAL AREA/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.	S.E. %	LOW	AVG	HIGH	5	10	15
WHEMLOCK-T		75.9	43.4	34	59	85			
WR CEDAR		200.0	114.3		10	22			
TOTAL				352	352	352			
CL:	68.1 %	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR. %	S.E. %	LOW	AVG	HIGH	5	10	15
DOUG FIR		200.0	114.3		10,776	23,091			
DOUG FIR-L		68.2	39.0	7,017	11,499	15,982			
DOUG FIR-T		70.7	40.4	6,840	11,477	16,113			
WHEMLOCK		200.0	114.3		1,517	3,250			
WHEMLOCK-T		75.9	43.4	4,118	7,271	10,425			
WR CEDAR		200.0	114.3		337	722			
TOTAL				42,878	42,878	42,878			
CL:	68.1 %	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR. %	S.E. %	LOW	AVG	HIGH	5	10	15
DOUG FIR		200.0	114.3		2,703	5,793			
DOUG FIR-L		68.2	39.0	1,857	3,043	4,229			
DOUG FIR-T		70.7	40.4	1,642	2,755	3,867			
WHEMLOCK		200.0	114.3		440	943			
WHEMLOCK-T		75.9	43.4	1,062	1,875	2,689			
WR CEDAR		200.0	114.3		258	553			
TOTAL				11,075	11,075	11,075			

TC TREESEGR														TREE SEGMENT VOLUMES										Page		1			
														Project:		KINNEY						Date		11/4/2024					
TWP	RGE	SC	TRACT				TYPE				ACRES				PLOTS		TREES		CRUISED DATE		CuFt	BdFt							
10S	05E	30	U3: DXD17				TIMB				8.00				4		43		10/1/2024		S	W							
Tree				C		T		Bole		Tot.		S				Dia		Dia		Gross	Net	Gross	Net						
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt					
0001	0001	B1	1	DF	T	1	10.4	16	89	F	46	69		1xx	31						16	16	67	67					
				Count			BA = 25.27				T/A = 42.763										16	16	67	67					
	0003	B1	1	WH	T	1	12.4	16	87	F	60	79		1xx	30						26	26	103	103					
				Count			BA = 26.42				T/A = 31.524										26	26	103	103					
	0005	B1	1	DF	L	1	16.7	16	87	F	74	93		1xx	35						54	54	203	203					
				Count			BA = 26.42				T/A = 17.464										54	54	203	203					
	0007	B1	1	DF	L	1	16.7	16	87	F	74	93		1xx	35						54	54	203	203					
				Count			BA = 26.42				T/A = 17.464										54	54	203	203					
	0009	B1	1	WH	T	1	12.4	16	87	F	60	79		1xx	30						26	26	103	103					
				Count			BA = 26.42				T/A = 31.524										26	26	103	103					
	0010	B1	1	WH	T	1	12.4	16	87	F	60	79		1xx	30						26	26	103	103					
				Count			BA = 26.42				T/A = 31.524										26	26	103	103					
	0011	B1	1	DF	L	1	16.7	16	87	F	74	93		1xx	35						54	54	203	203					
				Count			BA = 26.42				T/A = 17.464										54	54	203	203					
The below entry did not match on species, status or dbh																													
	0012	B1	1	RC	L	1	12.3																						
	0013	B1	1	DF	T	1	10.4	16	89	F	46	69		1xx	31						16	16	67	67					
				Count			BA = 25.27				T/A = 42.763										16	16	67	67					
	0014	B1	1	DF	L	1	16.7	16	87	F	74	93		1xx	35						54	54	203	203					
				Count			BA = 26.42				T/A = 17.464										54	54	203	203					
	0015	B1	1	WH	T	1	12.4	16	87	F	60	79		1xx	30						26	26	103	103					
				Count			BA = 26.42				T/A = 31.524										26	26	103	103					
	0016	B1	1	DF	T	1	10.4	16	89	F	46	69		1xx	31						16	16	67	67					
				Count			BA = 25.27				T/A = 42.763										16	16	67	67					
	0017	B1	1	DF	T	1	10.4	16	89	F	46	69		1xx	31						16	16	67	67					
				Count			BA = 25.27				T/A = 42.763										16	16	67	67					
PLOT							BA = 312.46				T/A = 367.005										9,834	9,834	38,557	38,557					
0002	0001	B1	1	DF	T	1	13.2	16	90	F	65	85		183	40		.920	.514	12.70	8.73	23	23	90	90					
							BA = 24.69				T/A = 25.982			284	25		.920	.514	8.73	5.18	6	6	30	30					
																					29	29	120	120					
	0002	B1	1	DF	L	1	21.2	16	87	F	96	112		182	40		.920	.514	21.03	14.57	69	69	290	290					
							BA = 26.42				T/A = 10.779			283	40		.920	.514	14.57	8.57	28	28	90	90					
														384	15		.920	.514	8.57	5.02	4	4	20	20					
																					101	101	400	400					
	0003	B1	1	DF	L	1	18.0	16	87	F	75	90		183	40		.920	.514	17.75	11.67	45	45	180	180					
							BA = 26.42				T/A = 14.953			284	35		.920	.514	11.67	5.01	14	14	40	40					
																					59	59	220	220					
	0004	B1	1	DF	L	1	16.4	16	87	F	65	80		183	40		.920	.514	16.10	10.14	39	39	150	150					
							BA = 26.42				T/A = 18.013			284	25		.920	.514	10.14	5.01	9	9	30	30					
																					47	47	180	180					
	0005	B1	1	DF	T	1	11.2	16	87	F	62	90		183	40		.920	.514	11.06	7.39	19	19	70	70					
							BA = 26.42				T/A = 38.621			284	22		.920	.514	7.39	5.31	4	4	20	20					
																					23	23	90	90					
	0006	B1	1	DF	T	1	10.4	16	90	F	57	85		183	40		.920	.514	10.02	6.97	15	15	60	60					
							BA = 24.69				T/A = 41.855			284	17		.920	.514	6.97	5.31	3	3	20	20					
																					18	18	80	80					
	0007	B1	1	WH	T	1	11.7	16	87	F	58	80		183	40		.944	.542	11.82	7.65	19	19	70	70					
							BA = 26.42				T/A = 35.391			284	18		.944	.542	7.65	5.38	4	4	20	20					
																					22	22	90	90					
	0008	B1	1	WH	T	1	12.6	16	87	F	61	80		183	40		.944	.542	12.74	8.25	23	23	90	90					

TREE SEGMENT VOLUMES

Project: KINNEY

Page 2
Date 11/4/2024

TWP	RGE	SC	TRACT							TYPE				ACRES			PLOTS			TREES		CRUISED DATE		CuFt	BdFt
10S	05E	30	U3: DXD17							TIMB				8.00			4			43		10/1/2024		S	W
Tree					C				T	Bole	Tot.	S				Dia		Dia	Gross	Net	Gross	Net			
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt	
0002	0009	B1	1	DF	T	1	BA = 26.42				T/A = 30.516				284	21		.944	.542	8.25	5.34	5	5	20	20
							8.5	16	90	F	30	48	184	30		.920	.514	8.08	5.38	7	7	30	30		
							BA = 24.69				T/A = 62.659										7	7	30	30	
	0010	B1	1	DF	T	1	8.1	16	90	F	32	55	184	32		.920	.514	7.70	5.43	6	6	30	30		
							BA = 24.69				T/A = 69.000										6	6	30	30	
	0011	B1	1	WH	T	1	13.0	16	87	F	60	78	183	40		.944	.542	13.12	8.38	25	25	90	90		
							BA = 26.42				T/A = 28.667				284	20		.944	.542	8.38	5.30	5	5	20	20
	0012	B1	1	DF	L	1	13.3	16	87	F	67	90	183	40		.920	.514	13.12	8.65	25	25	90	90		
							BA = 26.42				T/A = 27.388				284	27		.920	.514	8.65	5.21	7	7	30	30
	0013	B1	1	DF	T	1	16.2	16	87	F	72	90	183	40		.920	.514	15.97	10.48	35	35	150	150		
BA = 26.42							T/A = 18.460				284	32		.920	.514	10.48	5.08	11	11	30	30				
0014	B1	1	DF	L	1	17.3	16	87	F	82	100	183	40		.920	.514	17.11	11.59	45	45	180	180			
						BA = 26.42				T/A = 16.187				284	40		.920	.514	11.59	5.52	16	16	40	40	
PLOT					BA = 363.00				T/A = 438.470												61	61	220	220	
																					11,314	11,314	44,601	44,601	
0003	0001	B1	1	DF	L	4	16.7	16	87	F	74	93	1xx	35					54	54	203	203			
					Count	BA = 105.69				T/A = 69.856								54	54	203	203				
The below entry did not match on species, status or dbh																									
0002	B1	1	RC	L	1																				
The below entry did not match on species, status or dbh																									
0003	B1	1	SF	L	1																				
0004	B1	1	DF	T	6	10.4	16	89	F	46	69	1xx	31					16	16	67	67				
					Count	BA = 151.61				T/A = 256.577								16	16	67	67				
0005	B1	1	WH	T	2	12.4	16	87	F	60	79	1xx	30					26	26	103	103				
					Count	BA = 52.85				T/A = 63.049								26	26	103	103				
PLOT					BA = 310.15				T/A = 389.482								9,544	9,544	37,831	37,831					
0004	0001	B1	1	DF		1	19.6	16	87	F	87	109	182	40	3	.920	.514	19.40	13.21	58	58	240	240		
							BA = 26.42				T/A = 12.611				283	40	1	.920	.514	13.21	6.67	22	22	60	60
																					80	80	300	300	
	0002	B1	1	DF		1	11.5	16	91	F	55	87	183	40	2	.920	.514	10.93	7.36	16	16	70	70		
							BA = 24.15				T/A = 33.483				284	15	2	.920	.514	7.36	5.21	3	3	20	20
	0003	B1	1	WH		1	17.4	16	88	F	78	99	183	40		.944	.542	17.52	11.97	45	45	180	180		
							BA = 25.83				T/A = 15.640				284	38		.944	.542	11.97	5.16	15	15	40	40
	0004	B1	1	DF		1	15.2	16	89	F	76	104	183	40	2	.920	.514	14.79	10.30	32	32	150	150		
							BA = 25.25				T/A = 20.037				284	36	1	.920	.514	10.30	5.15	12	12	40	40
	0005	B1	1	RC		1	14.9	16	70	F	42	63	184	40		.951	.497	16.87	5.93	31	31	40	40		
							BA = 40.82				T/A = 33.708										31	31	40	40	
	0006	B1	1	DF		1	12.5	16	90	F	62	93	183	40	3	.920	.514	12.02	8.21	23	23	90	90		
							BA = 24.69				T/A = 28.973				284	22	1	.920	.514	8.21	5.20	5	5	20	20
	0007	B1	1	DF		1	12.2	16	90	F	60	92	183	40	3	.920	.514	11.72	7.95	19	19	70	70		
							BA = 24.69				T/A = 30.416				284	20	2	.920	.514	7.95	5.20	4	4	20	20
	0008	B1	1	DF		1	18.2	16	89	F	86	110	182	40		.920	.514	17.75	12.56	47	47	200	200		
							BA = 25.25				T/A = 13.976				283	40		.920	.514	12.56	6.38	20	20	60	60
	0009	B1	1	DF		1	13.9	16	90	F	62	87	183	40	3	.920	.514	13.33	8.91	25	25	90	90		
BA = 24.69							T/A = 23.431				284	22	1	.920	.514	8.91	5.11	5	5	20	20				

TWP	RGE	SC	TRACT				TYPE				ACRES			PLOTS			TREES			CRUISED DATE		CuFt	BdFt		
10S	05E	30	U3: DXD17				TIMB				8.00			4			43			10/1/2024		S	W		
Tree				C				T				S				Dia				Gross		Net			
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt	
0004	0010	B1	1	DF	1	15.9	16	90	F	73	97		183	40	1	.920	.514	15.32	10.67	35	35	110	110		
						BA = 24.69				T/A = 17.907				284	33	1	.920	.514	10.67	5.08	11	11	40	40	
	0011	B1	1	DF	1	12.0	16	90	F	54	83		183	40	2	.920	.514	11.48	7.43	19	19	70	70		
						BA = 24.69				T/A = 31.438				284	14	1	.920	.514	7.43	5.17	3	3	10	10	
	0012	B1	1	DF	1	15.4	16	87	F	71	97		183	40	1	.920	.514	15.18	9.98	33	33	120	120		
						BA = 26.42				T/A = 20.428				284	31	1	.920	.514	9.98	5.12	9	9	30	30	
	0013	B1	1	DF	1	12.0	16	89	F	57	88		183	40	1	.920	.514	11.60	7.60	19	19	70	70		
						BA = 25.25				T/A = 32.148				284	17	1	.920	.514	7.60	5.21	3	3	20	20	
0014	B1	1	DF	1	24.6	16	88	F	98	116		182	40	3	.920	.514	24.21	17.05	94	94	460	460			
					BA = 25.83				T/A = 7.825				283	40	2	.920	.514	17.05	9.83	40	40	120	120		
0015	B1	1	WH	1	13.9	16	85	F	54	74		183	40	2	.944	.542	14.17	8.14	28	28	90	90			
					BA = 27.68				T/A = 26.269				284	14	1	.944	.542	8.14	5.19	3	3	10	10		
0016	B1	1	DF	1	17.5	16	87	F	90	117		183	40	2	.920	.514	17.36	11.99	45	45	180	180			
					BA = 26.42				T/A = 15.819				283	40	2	.920	.514	11.99	6.93	17	17	60	60		
PLOT					BA = 422.78				T/A = 364.109								13,655		13,607		50,522		50,522		
TYPE					BA = 352.10				T/A = 389.767								11,087		11,075		42,878		42,878		

TC		PLOGSTVB		Log Stock Table - MBF																	
T10S R05E S30 TyTIMB 28.00				Project:		KINNEY												Page		1	
				Acres		28.00												Date		11/4/2024	
																		Time		12:23:46PM	
Spp	S T	So Gr rt de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches													
								2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+		
DF	L	DO	2M	40	381		381	54.4					183	156	42						
DF	L	DO	3M	30	11		11	1.5			11										
DF	L	DO	3M	40	258		258	36.9			47	102	109								
DF	L	DO	4M	12	1		1	.1		1											
DF	L	DO	4M	13	1		1	.1		1											
DF	L	DO	4M	15	1		1	.2		1											
DF	L	DO	4M	17	2		2	.2		2											
DF	L	DO	4M	18	1		1	.2		1											
DF	L	DO	4M	20	1		1	.2		1											
DF	L	DO	4M	23	2		2	.3		2											
DF	L	DO	4M	25	4		4	.6		4											
DF	L	DO	4M	28	2		2	.3		2											
DF	L	DO	4M	31	8		8	1.1		2	6										
DF	L	DO	4M	32	2		2	.2		2											
DF	L	DO	4M	35	5		5	.7		5											
DF	L	DO	4M	36	7		7	1.1		7											
DF	L	DO	4M	37	6		6	.8		6											
DF	L	DO	4M	40	8		8	1.1		5	3										
DF		Totals			700		700	54.7		42	56	113	109	183	156	42					
DF	T	DO	2M	40	60		60	11.7				60									
DF	T	DO	3M	40	370		370	72.2		50	154	166									
DF	T	DO	4M	12	1		1	.2		1											
DF	T	DO	4M	19	3		3	.6		3											
DF	T	DO	4M	21	4		4	.7		4											
DF	T	DO	4M	26	5		5	1.0		5											
DF	T	DO	4M	32	11		11	2.2		11											
DF	T	DO	4M	35	14		14	2.7		14											
DF	T	DO	4M	36	7		7	1.4		7											
DF	T	DO	4M	38	11		11	2.1		11											
DF	T	DO	4M	40	26		26	5.2		26											
DF		Totals			512		512	40.0		83	50	154	166	60							
WH	L	DO	2M	40	15		15	27.3					15								
WH	L	DO	3M	40	33		33	59.3		15	5	14									
WH	L	DO	4M	12	2		2	4.4		2											

TC		PLOGSTVB		Log Stock Table - MBF																	
T10S R05E S30 TyTIMB28.00					Project:		KINNEY										Page		2		
																	Date		11/4/2024		
																	Time		12:23:46PM		
Spp	S T	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches												
									2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+	
WH	L	DO	4M	19	1		1	2.5		1											
WH	L	DO	4M	34	4		4	6.6		4											
WH		Totals			56		56	4.4		8	15	5	14		15						
WH	T	DO	4M	16	4		4	100.0		4											
WH		Totals			4		4	.3		4											
RC	L	DO	3M	40	7		7	100.0			7										
RC		Totals			7		7	.6			7										
Total		All Species			1,280		1,280	100.0		136	128	271	289	243	171	42					

TC PSTATS			PROJECT STATISTICS						PAGE 1			
			PROJECT			KINNEY			DATE 11/4/2024			
TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt		
10S	05E	30	U4: DXD17	TIMB		28.00	10	113	S	W		
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES					
TOTAL			10	113	11.3							
CRUISE			5	54	10.8	6,208	.9					
DBH COUNT												
REFOREST												
COUNT			5	59	11.8							
BLANKS												
100 %												
STAND SUMMARY												
			SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-L			28	81.0	18.4	91	34.8	148.9	25,006	25,006	6,115	6,110
DOUG FIR-T			20	112.5	14.6	74	34.3	131.1	18,296	18,296	4,598	4,593
WHEMLOCK-L			4	16.3	15.8	56	5.6	22.1	1,992	1,992	620	622
WHEMLOCK-T			1	7.4	9.0	17	1.1	3.3	149	149	34	34
WR CEDAR-L			1	4.4	11.1	48	0.9	3.0	266	266	76	75
TOTAL			54	221.7	16.0	76	77.2	308.5	45,708	45,708	11,444	11,435
CONFIDENCE LIMITS OF THE SAMPLE												
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR												
CL	68.1	COEFF	SAMPLE TREES - BF					# OF TREES REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15		
DOUG FIR-L			50.8	9.8	330	365	401					
DOUG FIR-T			30.9	7.1	165	178	191					
WHEMLOCK-L			97.0	55.4	74	165	256					
WHEMLOCK-T												
WR CEDAR-L												
TOTAL			65.3	8.9	245	269	293	171	43	19		
CL	68.1	COEFF	SAMPLE TREES - CF					# OF TREES REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15		
DOUG FIR-L			45.2	8.7	80	88	96					
DOUG FIR-T			31.6	7.2	42	45	48					
WHEMLOCK-L			70.3	40.2	31	51	72					
WHEMLOCK-T												
WR CEDAR-L												
TOTAL			58.5	7.9	61	67	72	136	34	15		
CL	68.1	COEFF	TREES/ACRE					# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15		
DOUG FIR-L			48.1	16.0	68	81	94					
DOUG FIR-T			53.1	17.7	93	113	132					
WHEMLOCK-L			138.5	46.1	9	16	24					
WHEMLOCK-T			316.2	105.2		7	15					
WR CEDAR-L			316.2	105.2		4	9					
TOTAL			48.3	16.1	186	222	257	103	26	11		
CL	68.1	COEFF	BASAL AREA/ACRE					# OF PLOTS REQ.		INF. POP.		
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15		
DOUG FIR-L			47.2	15.7	126	149	172					
DOUG FIR-T			47.2	15.7	111	131	152					
WHEMLOCK-L			118.7	39.5	13	22	31					
WHEMLOCK-T			316.2	105.2		3	7					
WR CEDAR-L			316.2	105.2		3	6					
TOTAL			43.0	14.3	264	309	353	82	20	9		

TC PSTATS				PROJECT STATISTICS				PAGE	2
				PROJECT KINNEY				DATE	11/4/2024
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
10S	05E	30	U4: DXD17	TIMB	28.00	10	113	S	W
CL	68.1	COEFF		NET BF/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-L		51.8	17.2	20,699	25,006	29,312			
DOUG FIR-T		46.9	15.6	15,443	18,296	21,149			
WHEMLOCK-L		111.2	37.0	1,255	1,992	2,728			
WHEMLOCK-T		316.2	105.2		149	305			
WR CEDAR-L		316.2	105.2		266	545			
TOTAL		45.1	15.0	38,855	45,708	52,560	90	22	10
CL	68.1	COEFF		NET CUFT FT/ACRE			# OF PLOTS REQ.		INF. POP.
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15
DOUG FIR-L		49.6	16.5	5,101	6,110	7,119			
DOUG FIR-T		46.5	15.5	3,882	4,593	5,304			
WHEMLOCK-L		112.4	37.4	390	622	855			
WHEMLOCK-T		316.2	105.2		34	71			
WR CEDAR-L		316.2	105.2		75	154			
TOTAL		44.5	14.8	9,741	11,435	13,129	88	22	10

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																	
T10S R05E S30 TyTIMB28.00						Project: KINNEY						Page 1									
						Acres 28.00						Date 11/4/2024 Time 12:23:46PM									
S So Gr			%	Bd. Ft. per Acre			Total	Percent of Net Board Foot Volume								Average Log				Logs	
Spp	T	rt ad	Net BdFt	Def%	Gross	Net		Net MBF	Log Scale Dia.				Log Length				Ln Ft	Dia In	Bd Ft	CF/ Lf	Per /Acre
									4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99					
DF	L	DO 2M	54		13,599	13,599	381			89	11				100	40	14	278	1.60	49.0	
DF	L	DO 3M	38		9,605	9,605	269			100				4	96	39	8	109	0.70	88.1	
DF	L	DO 4M	8		1,802	1,802	50		83	17			14	16	29	41	28	5	31	0.33	58.0
DF	Totals		55		25,006	25,006	700		6	40	48	6	1	3	2	94	36	9	128	0.86	195.1
DF	T	DO 2M	11		2,143	2,143	60			100					100	40	12	200	1.18	10.7	
DF	T	DO 3M	72		13,205	13,205	370			100					100	40	9	112	0.68	118.1	
DF	T	DO 4M	17		2,948	2,948	83		100				5	11	31	54	33	5	34	0.31	87.3
DF	Totals		40		18,296	18,296	512		16	72	12		1	2	5	93	37	7	85	0.57	216.1
WH	L	DO 2M	27		543	543	15			100					100	40	14	290	1.53	1.9	
WH	L	DO 3M	59		1,180	1,180	33			100					100	40	7	85	0.71	13.8	
WH	L	DO 4M	14		268	268	8		100				51		49	18	5	19	0.44	14.5	
WH	Totals		4		1,992	1,992	56		13	59	27		7		7	87	30	7	66	0.70	30.2
WH	T	DO 4M	100		149	149	4		100				100			16	5	20	0.29	7.4	
WH	Totals		0		149	149	4		100				100			16	5	20	0.29	7.4	
RC	L	DO 3M	100		266	266	7			100					100	40	6	60	0.42	4.4	
RC	Totals		1		266	266	7			100					100	40	6	60	0.42	4.4	
Totals					45,708	45,708	1,280		11	54	32	3	1	2	3	93	36	8	101	0.70	453.2

TC		PSTNDSUM		Stand Table Summary										Page		1	
														Date:		11/4/2024	
T10S R05E S30 TyTIMB28.00						Project				KINNEY				Time:		12:23:47PM	
						Acres				28.00				Grown Year:			
S Sp	T	Sample		Tot	Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	T o t a l s				
		DBH	Trees	FF 16'				Av Ht	Net Cu.Ft.				Net Bd.Ft.	Tons	Cunits	MBF	
DF L		13	1	89	106	5.428	4.85	10.86	13.9	55.0	4.38	151	597	123	42	17	
DF L		15	4	84	104	18.341	21.78	36.68	20.9	84.3	21.95	766	3,094	615	214	87	
DF L		16	1	79	106	4.288	6.14	8.58	23.7	80.0	5.76	203	686	161	57	19	
DF L		17	3	87	116	10.000	15.36	23.66	25.9	106.9	17.38	612	2,530	487	171	71	
DF L		18	2	88	108	5.872	10.03	11.74	33.5	130.0	11.19	393	1,527	313	110	43	
DF L		19	3	86	115	8.032	15.60	18.85	33.0	126.4	17.67	621	2,382	495	174	67	
DF L		20	4	86	119	9.686	21.16	26.74	32.4	124.7	24.75	866	3,336	693	242	93	
DF L		21	3	86	132	6.502	15.60	19.50	37.8	164.6	21.00	737	3,210	588	206	90	
DF L		22	2	85	134	4.062	10.69	12.19	41.3	185.6	14.36	504	2,262	402	141	63	
DF L		23	2	84	128	3.816	11.01	11.45	42.1	183.3	13.78	482	2,098	386	135	59	
DF L		24	1	81	115	1.923	5.84	5.77	40.7	153.3	6.69	235	885	187	66	25	
DF L		25	1	84	147	1.595	5.44	4.79	57.3	253.3	7.82	274	1,212	219	77	34	
DF L		26	1	85	145	1.430	5.44	4.29	61.7	276.7	7.55	265	1,187	211	74	33	
DF L		Totals	28	85	116	80.977	148.95	195.10	31.3	128.2	174.28	6,110	25,006	4,880	1,711	700	
DF T		10	1	86	94	12.394	6.63	12.39	13.0	60.0	4.51	161	744	126	45	21	
DF T		13	2	87	106	14.186	12.81	28.37	16.4	69.0	13.13	466	1,959	368	131	55	
DF T		14	4	85	99	25.216	26.83	50.43	17.7	72.1	25.62	891	3,636	717	250	102	
DF T		15	5	87	102	26.556	32.26	53.11	20.9	84.0	31.79	1,113	4,464	890	312	125	
DF T		16	4	85	102	19.273	27.00	38.55	25.8	95.0	28.19	993	3,662	789	278	103	
DF T		17	1	86	119	4.203	6.63	8.41	29.0	120.0	6.98	244	1,009	195	68	28	
DF T		18	3	87	111	10.716	19.00	24.86	29.2	113.6	20.83	725	2,822	583	203	79	
DF T		Totals	20	86	103	112.543	131.15	216.12	21.3	84.7	131.05	4,593	18,296	3,669	1,286	512	
WH L		10	1	85	77	8.676	4.73	17.35	8.5	35.0	4.67	147	607	131	41	17	
WH L		20	2	78	97	5.148	11.19	10.30	40.2	129.6	13.23	414	1,334	370	116	37	
WH L		21	1	75	73	2.515	6.22	2.51	24.1	20.0	1.94	61	50	54	17	1	
WH L		Totals	4	81	83	16.339	22.14	30.16	20.6	66.0	19.85	622	1,992	556	174	56	
RC L		11	1	81	67	4.426	2.97	4.43	17.0	60.0	1.78	75	266	50	21	7	
RC L		Totals	1	81	67	4.426	2.97	4.43	17.0	60.0	1.78	75	266	50	21	7	
WH T		9	1	78	40	7.441	3.29	7.44	4.6	20.0	1.10	34	149	31	10	4	
WH T		Totals	1	78	40	7.441	3.29	7.44	4.6	20.0	1.10	34	149	31	10	4	
Totals			54	85	103	221.726	308.50	453.24	25.2	100.8	328.06	11,435	45,708	9,186	3,202	1,280	

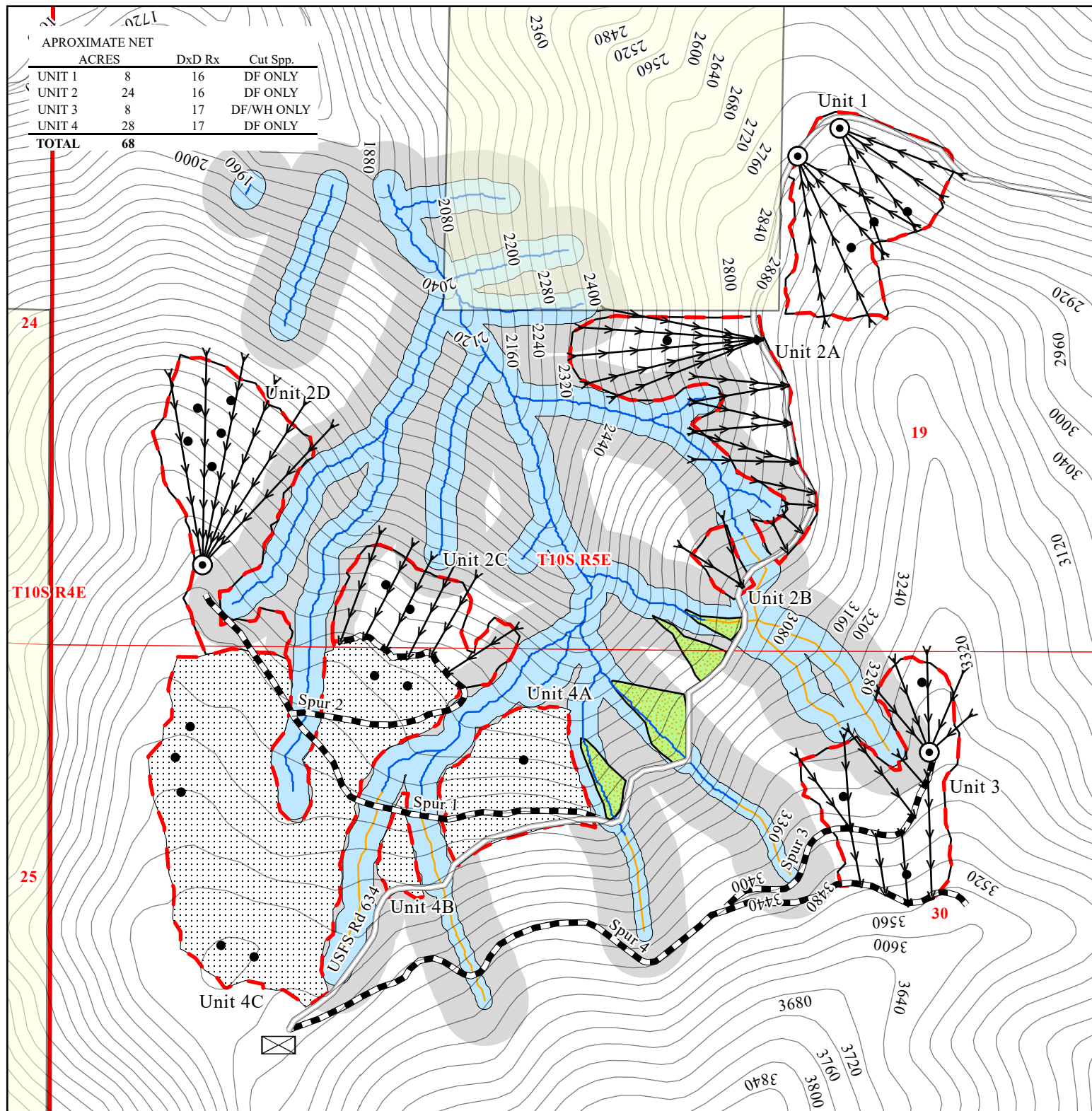
TC TREESEGR										TREE SEGMENT VOLUMES										Page		1		
										Project: KINNEY										Date		11/4/2024		
TWP	RGE	SC	TRACT				TYPE				ACRES		PLOTS		TREES		CRUISED DATE		CuFt	BdFt				
10S	05E	30	U4: DXD17				TIMB				28.00		10		113		10/1/2024		S	W				
Tree				C		T		Bole		Tot.		S				Dia		Dia		Gross	Net	Gross	Net	
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt
0001	0001	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37						41	41	163	163
				Count			BA = 26.76				T/A = 22.968										41	41	163	163
	0005	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37						41	41	163	163
				Count			BA = 26.76				T/A = 22.968										41	41	163	163
PLOT							BA = 53.53				T/A = 45.936										1,877	1,875	7,468	7,468
0002	0001	B1	1	DF	T	1	14.1	16	86	F	75	109		183	40	1	.920	.514	14.05	9.33	30	30	120	120
							BA = 27.04				T/A = 24.938			284	35	2	.920	.514	9.33	5.22	10	10	40	40
																					40	40	160	160
	0002	B1	1	DF	T	1	13.3	16	89	F	76	113		183	40	1	.920	.514	12.97	9.17	25	25	120	120
							BA = 25.25				T/A = 26.171			284	36	2	.920	.514	9.17	5.24	10	10	40	40
																					35	35	160	160
	0003	B1	1	DF	L	1	15.4	16	86	F	88	122		183	40	1	.920	.514	15.40	10.51	35	35	150	150
							BA = 27.04				T/A = 20.906			283	40	1	.920	.514	10.51	6.36	15	15	60	60
																					50	50	210	210
	0004	B1	1	DF	L	1	12.8	16	90	F	71	106		183	30	1	.920	.514	12.37	9.59	18	18	70	70
							BA = 24.69				T/A = 27.631			284	31	2	.920	.514	9.59	6.56	10	10	40	40
																					28	28	110	110
	0005	B1	1	DF	T	1	15.8	16	88	F	78	105		183	40	1	.920	.514	15.50	10.63	35	35	150	150
							BA = 25.83				T/A = 18.968			284	38	2	.920	.514	10.63	5.14	13	13	40	40
																					48	48	190	190
	0006	B1	1	DF	T	1	13.7	16	84	F	61	90		183	40	1	.920	.514	13.77	8.29	25	25	90	90
							BA = 28.34				T/A = 27.689			284	21	2	.920	.514	8.29	5.17	5	5	20	20
																					31	30	110	110
	0007	B1	1	DF	T	1	9.9	16	86	F	46	94		183	40	1	.920	.514	9.79	6.00	13	13	60	60
							BA = 27.04				T/A = 50.587										13	13	60	60
	0008	B1	1	DF	L	1	19.7	16	83	F	109	140		182	40	1	.920	.514	20.19	13.32	62	62	240	240
							BA = 29.03				T/A = 13.716			283	40	1	.920	.514	13.32	9.39	27	27	120	120
																					8	8	30	30
																					97	97	390	390
	0009	B1	1	DF	L	1	23.3	16	83	F	104	126		182	40	1	.920	.514	23.84	15.50	82	82	360	360
							BA = 29.03				T/A = 9.805			283	40	1	.920	.514	15.50	10.01	35	35	150	150
																					8	8	20	20
																					126	125	530	530
	0010	B1	1	DF	L	1	16.5	16	85	F	92	124		183	40	1	.920	.514	16.63	11.18	41	41	180	180
							BA = 27.68				T/A = 18.642			283	40	1	.920	.514	11.18	6.96	17	17	60	60
																					2	2	10	10
																					60	60	250	250
	0011	B1	1	DF	T	1	17.0	16	86	F	90	119		183	40	1	.920	.514	16.99	11.55	41	41	180	180
							BA = 27.04				T/A = 17.156			283	40	1	.920	.514	11.55	6.82	17	17	60	60
																					58	58	240	240
	0012	B1	1	DF	T	1	13.9	16	85	F	75	111		183	40	1	.920	.514	13.96	9.13	27	27	120	120
							BA = 27.68				T/A = 26.269			284	35	2	.920	.514	9.13	5.24	10	10	40	40
																					37	37	160	160
	0013	B1	1	DF	L	1	14.5	16	82	F	77	113		183	40	1	.920	.514	14.90	9.24	30	30	120	120
							BA = 29.74				T/A = 25.938			284	37	2	.920	.514	9.24	5.24	11	11	40	40
																					41	41	160	160
	0014	B1	1	WH	T	1	9.0	16	78	F	17	40		184	16	3	.944	.542	9.12	5.66	5	5	20	20
							BA = 32.87				T/A = 74.410										5	5	20	20
	0015	B1	1	DF	L	1	19.2	16	85	F	92	117		182	40	1	.920	.514	19.33	12.86	55	55	200	200
							BA = 27.68				T/A = 13.768			283	40	1	.920	.514	12.86	7.44	21	21	70	70
																					76	76	270	270
PLOT							BA = 416.00				T/A = 396.592										14,288	14,234	58,174	58,174
0003	0001	B1	1	DF	L	1	23.6	16	82	F	95	115		182	40	1	.920	.514	24.27	15.21	87	87	360	360
							BA = 29.74				T/A = 9.792			283	40	1	.920	.514	15.21	8.64	32	32	90	90
																					3	3	10	10
																					122	122	460	460
	0002	B1	1	DF	T	1	15.0	16	85	F	59	81		183	40	1	.920	.514	14.92	8.81	28	28	90	90
							BA = 27.68				T/A = 22.557			284	19	2	.920	.514	8.81	5.06	5	5	20	20
																					33	33	110	110

TWP	RGE	SC	TRACT				TYPE				ACRES			PLOTS			TREES			CRUISED DATE		CuFt	BdFt						
10S	05E	30	U4: DXD17				TIMB				28.00			10			113			10/1/2024		S	W						
Tree				C				T	Bole	Tot.	S						Dia	Dia	Gross	Net	Gross	Net							
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt					
0003	0003	B1	1	DF	L	1	20.3	16	86	F	99	123		182	40	1	.920	.514	20.31	13.92	62	62	240	240					
							BA = 27.04		T/A = 12.031		283	40	1	.920	.514	13.92	8.72	25	25	90	90								
									384		18	2	.920	.514	8.72	5.08	4	4	20	20									
	0004	B1	1	DF	T	1	15.2	16	88	F	84	116		183	40	1	.920	.514	14.95	10.48	32	32	150	150					
							BA = 25.83		T/A = 20.495		284	40	1	.920	.514	10.48	5.83	14	14	40	40								
														46	46	190	190												
	0005	B1	1	DF	L	1	20.3	16	87	F	96	119		182	40	1	.920	.514	20.14	13.98	62	62	240	240					
							BA = 26.42		T/A = 11.756		283	40	1	.920	.514	13.98	8.36	25	25	90	90								
									384		15	2	.920	.514	8.36	5.06	4	4	20	20									
	0006	B1	1	DF	T	1	17.9	16	86	F	92	120		182	40	1	.920	.514	17.89	12.18	47	47	200	200					
							BA = 27.04		T/A = 15.474		283	40	1	.920	.514	12.18	7.24	21	21	70	70								
														68	68	270	270												
0007	B1	1	DF	L	1	16.2	16	80	F	76	106		183	40	1	.920	.514	16.86	9.92	37	37	120	120						
						BA = 31.25		T/A = 21.832		284	36	2	.920	.514	9.92	5.18	10	10	40	40									
													47	47	160	160													
PLOT						BA = 195.01		T/A = 113.937												7,143	7,127	26,876	26,876						
0004	0001	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37											41	41	163	163
							Count		BA = 26.76		T/A = 22.968														41	41	163	163	
	0002	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37											41	41	163	163
							Count		BA = 26.76		T/A = 22.968														41	41	163	163	
	0003	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36											76	75	309	309
							Count		BA = 27.08		T/A = 14.723														76	75	309	309	
	0004	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37											41	41	163	163
							Count		BA = 26.76		T/A = 22.968														41	41	163	163	
	0005	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37											41	41	163	163
							Count		BA = 26.76		T/A = 22.968														41	41	163	163	
	0006	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36											76	75	309	309
							Count		BA = 27.08		T/A = 14.723														76	75	309	309	
0007	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37											41	41	163	163	
						Count		BA = 26.76		T/A = 22.968														41	41	163	163		
0008	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37											41	41	163	163	
						Count		BA = 26.76		T/A = 22.968														41	41	163	163		
0009	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36											76	75	309	309	
						Count		BA = 27.08		T/A = 14.723														76	75	309	309		
0010	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36											76	75	309	309	
						Count		BA = 27.08		T/A = 14.723														76	75	309	309		
0011	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37											41	41	163	163	
						Count		BA = 26.76		T/A = 22.968														41	41	163	163		
0012	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36											76	75	309	309	
						Count		BA = 27.08		T/A = 14.723														76	75	309	309		
PLOT						BA = 322.76		T/A = 234.391												12,128	12,116	48,869	48,869						
0005	0001	B1	1	DF	T	1	18.2	16	89	F	93	112		182	40	1	.920	.514	17.79	12.80	47	47	200	200					
							BA = 25.25		T/A = 13.976		283	40	1	.920	.514	12.80	7.56	21	21	70	70								
									384		12	1	.920	.514	7.56	5.11	2	2	10	10									
	0002	B1	1	DF	L	1	21.7	16	90	F	104	121		182	40	1	.920	.514	21.08	15.65	73	73	360	360					
							BA = 24.69		T/A = 9.614		283	40	1	.920	.514	15.65	10.08	35	35	150	150								
									384		23	1	.920	.514	10.08	5.02	8	8	20	20									
	0003	B1	1	DF	T	1	14.7	16	89	F	83	107		183	40	1	.920	.514	14.35	10.25	32	32	150	150					

TWP	RGE	SC	TRACT				TYPE				ACRES				PLOTS				TREES				CRUISED DATE		CuFt	BdFt
10S	05E	30	U4: DXD17				TIMB				28.00				10				113				10/1/2024		S	W
Tree			C				T				S				Dia				Dia				Gross	Net	Gross	Net
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt		
0005	0004	B1	1	DF	T	1	BA = 25.25				T/A = 21.423				284	40	1	.920	.514	10.25	5.67	46	46	190	190	
							15.3	16	89	F	89	114	183	40	1	.920	.514	14.96	10.80	32	32	150	150			
	BA = 25.25				T/A = 19.776				283	40	1	.920	.514	10.80	6.53	15	15	60	60							
	0005	B1	1	WH	L	1	BA = 23.12				T/A = 10.706				182	40	1	.944	.542	19.35	14.94	47	47	210	210	
							19.9	16	93	F	92	108	283	40	1	.944	.542	14.94	8.19	61	61	290	290			
	BA = 23.12				T/A = 10.706				283	40	1	.944	.542	14.94	8.19	28	28	90	90							
	0006	B1	1	DF	L	1	BA = 24.69				T/A = 10.668				182	40	1	.920	.514	20.00	14.80	89	89	380	380	
							20.6	16	90	F	101	118	283	40	1	.920	.514	14.80	9.33	65	65	290	290			
	BA = 24.69				T/A = 10.668				283	40	1	.920	.514	14.80	9.33	30	30	120	120							
									384	20	1	.920	.514	9.33	5.05	6	6	20	20							
															101	101	430	430								
0007	B1	1	DF	L	1	BA = 25.25				T/A = 15.468				182	40	1	.920	.514	16.89	12.05	63	64	260	260		
						17.3	16	89	F	88	108	283	40	1	.920	.514	12.05	6.65	44	44	200	200				
BA = 25.25				T/A = 15.468				283	40	1	.920	.514	12.05	6.65	20	20	60	60								
0008	B1	1	DF	L	1	BA = 25.25				T/A = 16.800				183	40	1	.920	.514	16.23	11.72	60	60	250	250		
						16.6	16	89	F	92	115	283	40	1	.920	.514	11.72	7.12	41	41	180	180				
BA = 25.25				T/A = 16.800				283	40	1	.920	.514	11.72	7.12	19	19	70	70								
0009	B1	1	DF	L	1	BA = 25.25				T/A = 15.116				182	40	1	.920	.514	17.09	12.25	60	60	250	250		
						17.5	16	89	F	90	110	283	40	1	.920	.514	12.25	6.99	47	47	200	200				
BA = 25.25				T/A = 15.116				283	40	1	.920	.514	12.25	6.99	20	20	60	60								
															67	67	260	260								
PLOT				BA = 224.00				T/A = 133.547												9,042	9,050	38,039	38,039			
0006	0001	B1	1	DF	T	1	BA = 26.76				T/A = 22.968				1xx	37					41	41	163	163		
							14.6	16	86	F	74	103	1xx	37					41	41	163	163				
	Count																		41	41	163	163				
	0002	B1	1	DF	L	1	BA = 27.08				T/A = 14.723				1xx	36					76	75	309	309		
							18.4	16	86	F	91	116	1xx	36					76	75	309	309				
	Count																		76	75	309	309				
	0003	B1	1	DF	T	1	BA = 26.76				T/A = 22.968				1xx	37					41	41	163	163		
							14.6	16	86	F	74	103	1xx	37					41	41	163	163				
	Count																		41	41	163	163				
	0004	B1	1	DF	L	1	BA = 27.08				T/A = 14.723				1xx	36					76	75	309	309		
							18.4	16	86	F	91	116	1xx	36					76	75	309	309				
	Count																		76	75	309	309				
	0005	B1	1	DF	T	1	BA = 26.76				T/A = 22.968				1xx	37					41	41	163	163		
							14.6	16	86	F	74	103	1xx	37					41	41	163	163				
	Count																		41	41	163	163				
0006	B1	1	DF	T	1	BA = 26.76				T/A = 22.968				1xx	37					41	41	163	163			
						14.6	16	86	F	74	103	1xx	37					41	41	163	163					
Count																		41	41	163	163					
0007	B1	1	DF	L	1	BA = 27.08				T/A = 14.723				1xx	36					76	75	309	309			
						18.4	16	86	F	91	116	1xx	36					76	75	309	309					
Count																		76	75	309	309					
0008	B1	1	DF	T	1	BA = 26.76				T/A = 22.968				1xx	37					41	41	163	163			
						14.6	16	86	F	74	103	1xx	37					41	41	163	163					
Count																		41	41	163	163					
0009	B1	1	DF	T	1	BA = 26.76				T/A = 22.968				1xx	37					41	41	163	163			
						14.6	16	86	F	74	103	1xx	37					41	41	163	163					
Count																		41	41	163	163					
0010	B1	1	DF	L	1	BA = 27.08				T/A = 14.723				1xx	36					76	75	309	309			
						18.4	16	86	F	91	116	1xx	36					76	75	309	309					
Count																		76	75	309	309					
0011	B1	1	DF	T	1	BA = 26.76				T/A = 22.968				1xx	37					41	41	163	163			
						14.6	16	86	F	74	103	1xx	37					41	41	163	163					
Count																		41	41	163	163					
0012	B1	1	DF	L	1	BA = 27.08				T/A = 14.723				1xx	36					76	75	309	309			
						18.4	16	86	F	91	116	1xx	36					76	75	309	309					
Count																		76	75	309	309					
0013	B1	1	WH	L	1	BA = 31.63				T/A = 23.341				1xx	29					38	38	122	122			
						15.8	16	82	F	56	83	1xx	29					38	38	122	122					
Count																		38	38	122	122					
0014	B1	1	WH	L	1	BA = 31.63				T/A = 23.341				1xx	29					38	38	122	122			
						15.8	16	82	F	56	83	1xx	29					38	38	122	122					
Count																		38	38	122	122					
0015	B1	1	DF	L	1	BA = 31.63				T/A = 23.341				1xx	29					38	38	122	122			
						15.8	16	82	F	56	83	1xx	29					38	38	122	122					
Count																		38	38	122	122					
0015	B1	1	DF	L	1	BA = 31.63				T/A = 23.341				1xx	29					38	38	122	122			
						15.8	16	82	F	56	83	1xx	29					38	38	122	122					
Count																		38	38	122	122					
0015	B1	1	DF	L	1	BA = 31.63				T/A = 23.341				1xx	29					38	38	122	122			
						15.8	16	82	F	56	83	1xx	29					38	38	122	122					
Count																		38	38	122	122					
0015	B1	1	DF	L	1	BA = 31.63				T/A = 23.341				1xx	29					38	38	122	122			
						15.8	16	82	F	56	83	1xx	29					38	38	122	122					
Count																		38	38	122	122					

TWP	RGE	SC	TRACT				TYPE				ACRES				PLOTS				TREES				CRUISED DATE				CuFt	BdFt
10S	05E	30	U4: DXD17				TIMB				28.00				10				113				10/1/2024				S	W
Tree				C		T		Bole		Tot.		S						Dia		Dia		Gross		Net		Gross	Net	
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt				
0008	0010	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36							76	75	309	309			
				Count			BA = 27.08				T/A = 14.723											76	75	309	309			
	0011	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37							41	41	163	163			
				Count			BA = 26.76				T/A = 22.968											41	41	163	163			
PLOT						BA = 296.31				T/A = 203.178												11,363	11,352	45,948	45,948			
0009	0001	B1	1	DF	L	1	25.0	16	85	F	128	147		182	40	1	.920	.514	25.30	17.58	100	100	460	460				
							BA = 27.68				T/A = 8.121				282	40	1	.920	.514	17.58	13.25	50	50	240	240			
															384	40	1	.920	.514	13.25	6.59	22	22	60	60			
																						172	172	760	760			
	0002	B1	1	DF	L	1	22.2	16	82	F	123	145		182	40	1	.920	.514	22.96	15.05	77	77	360	360				
							BA = 29.74				T/A = 11.065				283	40	1	.920	.514	15.05	11.30	38	38	180	180			
															384	40	1	.920	.514	11.30	5.52	16	16	40	40			
																						131	131	580	580			
	0003	B1	1	DF	T	1	14.5	16	85	F	72	94		183	40	1	.920	.514	14.54	9.34	30	30	120	120				
							BA = 27.68				T/A = 24.140				284	32	2	.920	.514	9.34	5.19	9	9	30	30			
																						39	39	150	150			
	0004	B1	1	DF	L	1	18.7	16	86	F	98	119		182	40	1	.920	.514	18.71	12.86	51	51	200	200				
							BA = 27.04				T/A = 14.178				283	40	1	.920	.514	12.86	8.19	23	23	90	90			
															384	17	2	.920	.514	8.19	5.14	4	4	20	20			
																						78	78	310	310			
	0005	B1	1	DF	T	1	16.1	16	85	F	82	104		183	40	1	.920	.514	16.18	10.63	39	39	150	150				
							BA = 27.68				T/A = 19.580				284	40	1	.920	.514	10.63	5.52	14	14	40	40			
																						52	53	190	190			
	0006	B1	1	DF	L	1	14.7	16	85	F	65	84		183	40	1	.920	.514	14.68	9.09	30	30	120	120				
							BA = 27.68				T/A = 23.487				284	25	2	.920	.514	9.09	5.13	7	7	30	30			
																						37	37	150	150			
	0007	B1	1	DF	L	1	21.2	16	86	F	123	145		182	40	1	.920	.514	21.30	15.07	73	73	360	360				
							BA = 27.04				T/A = 11.031				283	40	1	.920	.514	15.07	11.32	38	38	180	180			
															384	40	1	.920	.514	11.32	5.52	16	16	40	40			
																						126	127	580	580			
	0008	B1	1	DF	T	1	16.3	16	84	F	78	98		183	40	1	.920	.514	16.48	10.49	39	39	150	150				
							BA = 28.34				T/A = 19.560				284	38	2	.920	.514	10.49	5.15	13	13	40	40			
																						52	52	190	190			
	0009	B1	1	DF	T	1	12.5	16	86	F	72	101		183	40	1	.920	.514	12.47	8.34	23	23	90	90				
							BA = 27.04				T/A = 31.731				284	32	2	.920	.514	8.34	5.29	8	8	30	30			
																						30	31	120	120			
	0010	B1	1	WH	L	1	20.0	16	70	F	74	90		183	40	1	.944	.542	22.87	10.87	64	64	150	150				
							BA = 40.82				T/A = 18.709				284	34	2	.944	.542	10.87	5.22	12	12	40	40			
																						75	76	190	190			
	0011	B1	1	DF	L	1	22.7	16	86	F	113	131		182	40	1	.920	.514	22.76	15.88	77	77	360	360				
							BA = 27.04				T/A = 9.622				283	40	1	.920	.514	15.88	11.10	38	38	180	180			
															384	32	1	.920	.514	11.10	5.07	13	13	30	30			
																						128	128	570	570			
	0012	B1	1	DF	L	1	21.1	16	85	F	112	133		182	40	1	.920	.514	21.32	14.62	69	69	290	290				
							BA = 27.68				T/A = 11.400				283	40	1	.920	.514	14.62	10.31	32	32	150	150			
															384	31	2	.920	.514	10.31	5.12	11	11	30	30			
																						112	112	470	470			
	0013	B1	1	DF	T	1	15.9	16	84	F	81	103		183	40	1	.920	.514	16.10	10.37	39	39	150	150				
							BA = 28.34				T/A = 20.557				284	40	1	.920	.514	10.37	5.35	14	14	40	40			
																						52	53	190	190			
	0014	B1	1	DF	L	1	26.4	16	85	F	127	145		182	40	1	.920	.514	26.71	18.52	109	109	530	530				
							BA = 27.68				T/A = 7.282				282	40	1	.920	.514	18.52	13.80	54	54	240	240			
															383	40	1	.920	.514	13.80	6.46	22	22	60	60			
																						185	185	830	830			
PLOT						BA = 401.51				T/A = 230.463												16,530	16,561	66,118	66,118			
0010	0001	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37						41	41	163	163				
				Count			BA = 26.76				T/A = 22.968											41	41	163	163			
	0002	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36						76	75	309	309				
				Count			BA = 27.08				T/A = 14.723											76	75	309	309			
	0003	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37						41	41	163	163				
				Count			BA = 26.76				T/A = 22.968											41	41	163	163			

TWP	RGE	SC	TRACT				TYPE				ACRES				PLOTS				TREES				CRUISED DATE				CuFt BdFt		
10S	05E	30	U4: DXD17				TIMB				28.00				10				113				10/1/2024				S	W	
Tree				C				T				S				Dia				Dia				Gross	Net	Gross	Net		
Plot	No.	PF	A	Spc	S	T	DBH	FF	FF	D	Hgt	Hg	PRDVT	SG	Len	FIFI	Bark	Ao	Butt	Top	CuFt	CuFt	BdFt	BdFt					
0010	0004	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36						76	75	309	309					
				Count								BA = 27.08			T/A = 14.723						76	75	309	309					
	0005	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36						76	75	309	309					
				Count								BA = 27.08			T/A = 14.723						76	75	309	309					
	0006	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36						76	75	309	309					
				Count								BA = 27.08			T/A = 14.723						76	75	309	309					
	0007	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37						41	41	163	163					
				Count								BA = 26.76			T/A = 22.968						41	41	163	163					
	0008	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37						41	41	163	163					
				Count								BA = 26.76			T/A = 22.968						41	41	163	163					
	0009	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37						41	41	163	163					
				Count								BA = 26.76			T/A = 22.968						41	41	163	163					
	0010	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36						76	75	309	309					
				Count								BA = 27.08			T/A = 14.723						76	75	309	309					
	0011	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36						76	75	309	309					
				Count								BA = 27.08			T/A = 14.723						76	75	309	309					
	0012	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36						76	75	309	309					
			Count								BA = 27.08			T/A = 14.723						76	75	309	309						
0013	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37						41	41	163	163						
			Count								BA = 26.76			T/A = 22.968						41	41	163	163						
0014	B1	1	WH	L	1	15.8	16	82	F	56	83		1xx	29						38	38	122	122						
			Count								BA = 31.63			T/A = 23.341						38	38	122	122						
0015	B1	1	DF	T	1	14.6	16	86	F	74	103		1xx	37						41	41	163	163						
			Count								BA = 26.76			T/A = 22.968						41	41	163	163						
0016	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36						76	75	309	309						
			Count								BA = 27.08			T/A = 14.723						76	75	309	309						
0017	B1	1	DF	L	1	18.4	16	86	F	91	116		1xx	36						76	75	309	309						
			Count								BA = 27.08			T/A = 14.723						76	75	309	309						
PLOT										BA = 462.72								T/A = 316.624								17,461	17,449	69,901	69,901
TYPE										BA = 308.50								T/A = 221.726								11,444	11,435	45,708	45,708



Legend

- Timber Sale Boundary
- Private Industrial Ownership
- No Harvest Buffer
- DTR Location
- Improvement of Existing Temp Roads
- End Haul Area
- Special Habitat
- Stream Class 3 60'
- Stream Class 4 30'
- Proposed Landing
- Cable
- Ground
- Proposed Corridors

LOGGING PLAN

FOR TIMBER SALE CONTRACT #NC-341-2026-GF8723-01

KINNEY GNA

PORTIONS OF SECTIONS 19 & 30, T10S, R6E W.M.

LINN COUNTY, OREGON

USFS DETROIT RANGER DISTRICT, WILLAMETTE NATIONAL FOREST

North Cascade District GIS

October, 2024

This product is for informational use and may not be suitable for legal, engineering, or surveying purposes.

1:6,360

0 375 750 1,500 Feet

N

