



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Double Parked
Sale FG-341-2023-W00883-01

District: Forest Grove

Date: March 09, 2023

Cost Summary

| | Conifer | Hardwood | Total |
|-------------------------|----------------|-------------------|----------------|
| Gross Timber Sale Value | \$2,935,587.06 | \$1,589.70 | \$2,937,176.76 |
| | | Project Work: | (\$501,550.00) |
| | | Advertised Value: | \$2,435,626.76 |



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Timber Description

Location:

Stand Stocking: 20%

| Specie Name | AvgDBH | Amortization (%) | Recovery (%) |
|---------------|--------|------------------|--------------|
| Douglas - Fir | 21 | 0 | 98 |
| Alder (Red) | 13 | 0 | 95 |

| Volume by Grade | 2S | 3S & 4S 6"-11" | Camprun | Total |
|-----------------|-------|----------------|---------|-------|
| Douglas - Fir | 4,398 | 1,605 | 0 | 6,003 |
| Alder (Red) | 0 | 0 | 35 | 35 |
| Total | 4,398 | 1,605 | 35 | 6,038 |

Comments: LOCAL POND VALUES, JANUARY 2023

WESTERN HEMLOCK AND OTHER CONIFERS:
STUMPAGE PRICE = POND VALUE - DOUG-FIR LOGGING COST
 $\$219.46 = \$593 - \$373.54$

WESTERN REDCEDAR AND OTHER CEDARS:
STUMPAGE PRICE = POND VALUE - DOUG-FIR LOGGING COST
 $\$864.46 = \$1,238 - \$373.54$

BIGLEAF MAPLE AND OTHER HARDWOODS:
STUMPAGE PRICE = POND VALUE - DOUG-FIR LOGGING COST
 $\$28.46 = \$402 - \$373.54$

BRANDING AND PAINTING ALLOWANCE = \$2.00/MBF

FUEL COST ALLOWANCE = \$5.00/GAL

HAULING COST ALLOWANCE = \$1,250/DAY

OTHER COSTS (WITH PROFIT & RISK ADDED): N/A

OTHER COSTS (NO PROFIT & RISK ADDED):

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

MACHINE TIME TO BLOCK/WATERBAR ROADS AND SKID TRAILS:
 $20 \text{ HOURS} \times \$150/\text{HOUR} = \$3,000$

MACHINE TIME TO PILE LANDING SLASH:
 $10 \text{ HOURS} \times \$150/\text{HOUR} = \$1,500$

TOTAL OTHER COSTS (NO P&R) = \$7,500

SLASH TREATMENT: 25 ACRES X \$250/ACRE = \$6,250

ROAD MAINTENANCE (INCLUDES SPOT ROCKING, GRADING, & ROLLING):
MOVE IN: \$2,043.56
GENERAL ROAD MAINT: 4.7 miles X \$3,161.44 = \$14,858.76
TOTAL ROAD MAINTENANCE: \$16,902.32 / 6,038 MBF = \$2.80/MBF



Timber Sale Appraisal
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Logging Conditions

| | | |
|--------------------------|---|--|
| Combination#: 1 | Douglas - Fir | 63.97% |
| | Alder (Red) | 52.80% |
| Logging System: | Cable: Medium Tower >40 - <70 | Process: Harvester Head Delimbing |
| yarding distance: | Short (400 ft) | downhill yarding: No |
| tree size: | Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF | |
| loads / day: | 7 | bd. ft / load: 4600 |
| cost / mbf: | \$226.71 | |
| machines: | Log Loader (A) Forwarder Harvester Tower Yarder (Medium) | |

| | | |
|--------------------------|---|--|
| Combination#: 2 | Douglas - Fir | 36.03% |
| | Alder (Red) | 47.20% |
| Logging System: | Shovel | Process: Harvester Head Delimbing |
| yarding distance: | Short (400 ft) | downhill yarding: No |
| tree size: | Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF | |
| loads / day: | 8 | bd. ft / load: 4500 |
| cost / mbf: | \$208.33 | |
| machines: | Forwarder Harvester | |



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Double Parked
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District: Forest Grove

Date: March 09, 2023

Logging Costs

| | |
|-----------------------------|---------------------------|
| Operating Seasons: 2.00 | Profit Risk: 15% |
| Project Costs: \$501,550.00 | Other Costs (P/R): \$0.00 |
| Slash Disposal: \$6,250.00 | Other Costs: \$7,500.00 |

Miles of Road

Road Maintenance: \$2.80

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

Hauling Costs

| Species | \$ / MBF | Trips/Day | MBF / Load |
|---------------|----------|-----------|------------|
| Douglas - Fir | \$0.00 | 3.0 | 4.6 |
| Alder (Red) | \$0.00 | 2.0 | 3.0 |



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal Double Parked Sale FG-341-2023-W00883-01

District: Forest Grove

Date: March 09, 2023

Logging Costs Breakdown

| Logging | Road Maint | Fire Protect | Hauling | Other P/R appl | Profit & Risk | Slash Disposal | Brand & Paint | Other | Total |
|----------------------|------------|--------------|----------|----------------|---------------|----------------|---------------|--------|----------|
| Douglas - Fir | | | | | | | | | |
| \$220.09 | \$2.86 | \$5.76 | \$92.39 | \$0.00 | \$48.16 | \$1.04 | \$2.00 | \$1.24 | \$373.54 |
| Alder (Red) | | | | | | | | | |
| \$218.03 | \$2.94 | \$5.76 | \$218.75 | \$0.00 | \$66.82 | \$1.04 | \$2.00 | \$1.24 | \$516.58 |

| Specie | Amortization | Pond Value | Stumpage | Amortized |
|---------------|--------------|------------|----------|-----------|
| Douglas - Fir | \$0.00 | \$862.56 | \$489.02 | \$0.00 |
| Alder (Red) | \$0.00 | \$562.00 | \$45.42 | \$0.00 |



"STEWARDSHIP IN FORESTRY"

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District: Forest Grove

Date: March 09, 2023

Summary

Amortized

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

Unamortized

| Specie | MBF | Value | Total |
|---------------|-------|----------|----------------|
| Douglas - Fir | 6,003 | \$489.02 | \$2,935,587.06 |
| Alder (Red) | 35 | \$45.42 | \$1,589.70 |

Gross Timber Sale Value

Recovery: \$2,937,176.76

Prepared By: MARK SAVAGE

Phone: 503-359-7437

TIMBER SALE SUMMARY
Double Parked
#FG-341-2023-W00883-01

1. **Location:** Portions of Sections 17, 18, 19, and 20, T2N, R5W, W.M., Washington County, Oregon.
2. **Type of Sale:** This timber sale is 145 net acres of Modified Clearcut and 2 acres of Right-of-Way Timber removal. The timber will be sold on a recovery basis at a sealed bid auction.
3. **Revenue Distribution:** 100% BOF; 100% Washington County.
4. **Sale Acreage:** Acres are net of stream buffers and road prisms. Acreage was determined using ESRI ArcGIS Pro software.
5. **Cruise:** The Timber Sale was cruised by ODF Cruisers in January of 2023. For more information, see Cruise Report.
6. **Timber Description:** The Timber Sale Area consists of a well-stocked, mostly thinned 73-year-old stands of Douglas-fir with minor components of red alder and bigleaf maple. This timber stand has an average of 208 ft² of basal area and an average Douglas-fir DBH of 21 inches. The estimated average net Douglas-fir volume is approximately 41.3 MBF per acre.
7. **Topography and Logging Method:** Slopes within the Timber Sale Area range from 5% to 70% with variable aspects. Elevations range from 775 to 950 feet. The following table summarizes the estimated maximum and average horizontal cable corridor length, the estimated maximum and average tractor skid trail length, and the percent harvest method for each unit.

| Timber Sale Area | Tractor | | | Cable | | |
|------------------|---------|---------|-----|---------|---------|-----|
| | Average | Maximum | % | Average | Maximum | % |
| Unit 1 | 100 | 250 | 19 | 400 | 1,050 | 81 |
| Unit 2 | 300 | 800 | 66 | 300 | 800 | 34 |
| Unit 3 | 50 | 125 | 100 | N/A | N/A | N/A |

8. **Access:** All access to the Timber Sale Area is on surfaced all-weather roads. From Forest Grove, travel 7 miles west on Highway 8 to its intersection with Highway 6. Turn left onto Highway 6 and proceed for approximately 8.8 miles to Rogers Road. Turn right onto Rogers Road and proceed for 0.8 miles to Plantation Road. Note that this portion of the haul route crosses through Gales Creek Campground. Turn right onto Plantation Road and proceed for 0.3 miles to access the southwest portion of Unit 2. Continue on Plantation Road for approximately 0.7 miles to access the southern portion of Unit 1. There are gates along this route that may require a key which can be obtained at the Forest Grove District Office.
9. **Projects:**

| | |
|---|--------------|
| Project No. 1: Rocked Road Construction | \$163,732.67 |
| Project No. 2: Road Improvement | \$226,616.04 |
| Project No. 3: Stockpile Construction | \$93,403.20 |
| Project No. 4: Stream Enhancement | \$17,798.09 |

| | |
|-------------------------------|--------------|
| Total Credit for all Projects | \$501,550.00 |
|-------------------------------|--------------|

PROJECT COST SUMMARY SHEET

Timber Sale: Double Parked
Sale Number: FG-341-2023-W00883-01

PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

| Road Segment | Length | Cost |
|------------------------------|---------|---------------------|
| G to H | 20+20 | \$66,079.42 |
| J to M | 19+50 | \$55,462.40 |
| N to O | 7+00 | \$18,216.62 |
| P to Q | 2+00 | \$8,068.74 |
| 48+70 stations 0.92 miles | | |
| Total Rock = | | |
| 683 cy | 1½" - 0 | |
| 3,796 cy | 3" - 0 | |
| Move-in = | | \$2,609.96 |
| TOTAL PROJECT COST = | | \$150,437.14 |
| FUEL ADJUSTMENT = | | \$163,732.67 |

PROJECT NO. 2: ROAD IMPROVEMENT

| Road Segment | Length | Cost |
|-------------------------------|---------|---------------------|
| A to B | 101+50 | \$133,280.37 |
| C to D | 36+50 | \$35,900.75 |
| E to F | 1+30 | \$3,204.36 |
| I to J | 49+65 | \$27,774.02 |
| K to L | 2+30 | \$2,269.12 |
| 191+25 stations 3.62 miles | | |
| Total Rock = | | |
| 3,134 cy | 1½" - 0 | |
| 3,490 cy | 3" - 0 | |
| 24 cy | Riprap | |
| Move-in = | | \$3,573.97 |
| TOTAL PROJECT COST = | | \$206,002.60 |
| FUEL ADJUSTMENT = | | \$226,616.04 |

PROJECT NO. 3: STOCKPILE CONSTRUCTION

| Rock Size | Stockpile Measure | Cost |
|-----------------------------|-------------------|--------------------|
| 1½" - 0 | 5,000 cy | \$84,912.00 |
| Total Rock = | | |
| 5,800 cy | 1½" - 0 | |
| TOTAL PROJECT COST = | | \$84,912.00 |
| FUEL ADJUSTMENT = | | \$93,403.20 |

PROJECT NO. 4: STREAM ENHANCEMENT

| NF Gales Creek stream enhancemnet | Cost |
|-----------------------------------|--------------------|
| Sites 1 - 5 & A - F | \$14,320.00 |
| Move-in = | \$2,410.08 |
| TOTAL PROJECT COST = | \$16,730.08 |
| FUEL ADJUSTMENT = | \$17,798.09 |

TOTAL CREDITS = \$458,081.82**TOTAL CREDITS WITH FUEL ADJUSTMENT = \$501,550.00**

SUMMARY OF CONSTRUCTION COST

Timber Sale: Double Parked
Road Segment: A to B

Sale Number: FG-341-2023-W00883-01
Improvement: 101+50 stations
1.92 miles

PROJECT NO. 2: ROAD IMPROVEMENT

IMPROVEMENT

| | | | | | |
|---|--------|-------|------------|------------|------------|
| Clearing & grubbing (scatter) | 1.17 | ac @ | \$1,078.00 | per acre = | \$1,261.26 |
| Remove large stump | 3 | ea @ | \$82.50 | per ea = | \$247.50 |
| Road widening (drift) | 11.60 | sta @ | \$110.00 | per sta = | \$1,276.00 |
| Clean ditch & scatter waste material | 30.00 | sta @ | \$60.00 | per sta = | \$1,800.00 |
| Clean culvert inlet & outlet, scatter waste | 9 | ea @ | \$25.00 | per ea = | \$225.00 |
| Cutslope layback and ditch construction | | | | | |
| Excavate & load | 1,262 | cy @ | \$2.05 | per cy = | \$2,587.10 |
| Haul | 1,641 | cy @ | \$2.51 | per cy = | \$4,118.91 |
| Shape and compact waste material | 1,641 | cy @ | \$0.30 | per cy = | \$492.30 |
| Construct settling pond | 39 | ea @ | \$25.00 | per ea = | \$975.00 |
| Improve turnout | 5 | ea @ | \$33.00 | per ea = | \$165.00 |
| Construct turnaround | 1 | ea @ | \$82.50 | per ea = | \$82.50 |
| Construct tank trap | 1 | ea @ | \$55.00 | per ea = | \$55.00 |
| Grade, ditch, & roll | 101.50 | sta @ | \$36.00 | per sta = | \$3,654.00 |

TOTAL IMPROVEMENT COSTS = \$16,939.57

CULVERTS

| | | | | | |
|--------------------|-----|------|---------|----------|-------------|
| Culverts and Bands | | | | | |
| 24" Diameter | 450 | lf @ | \$29.00 | per LF = | \$13,050.00 |
| 30" Diameter | 40 | lf @ | \$39.00 | per LF = | \$1,560.00 |
| 30" Band | 1 | ea @ | \$73.58 | per ea = | \$73.58 |
| Markers & Stakes | | | | | |
| Culvert markers | 12 | ea @ | \$10.00 | per ea = | \$120.00 |

TOTAL CULVERT COSTS = \$14,803.58

GATE INSTALLATION AND MAINTENANCE

| | | | | | |
|---|---|------|------------|----------|------------|
| Pickup, transport and install gate | 1 | ea @ | \$1,600.00 | per ea = | \$1,600.00 |
| Pickup, transport and install lock bell | 1 | ea @ | \$115.00 | per ea = | \$115.00 |
| Gate removal and transport | 1 | ea @ | \$570.00 | per ea = | \$570.00 |
| Gate restoration | 2 | ea @ | \$300.00 | per ea = | \$600.00 |
| Existing gate post removal | 4 | ea @ | \$130.00 | per ea = | \$520.00 |

TOTAL GATE COSTS = \$3,405.00

BRIDGE MAINTENANCE

| | | | | | |
|-----------------------------|----|------|----------|----------|------------|
| Guard rail replacement | 80 | lf @ | \$35.00 | per LF = | \$2,800.00 |
| Guard rail post replacement | 1 | ea @ | \$200.00 | per ea = | \$200.00 |
| Block replacement | 1 | ea @ | \$55.00 | per ea = | \$55.00 |

TOTAL BRIDGE COSTS = \$3,055.00

ROCK

| | Rock Size | Base Cost \$/cy | Haul Cost \$/cy | Placement/ Processing Cost \$/cy | Total CY | Rock Cost |
|-----------------------|-----------|-----------------|-----------------|----------------------------------|----------|-------------|
| Subgrade rock | | | | | | |
| Bedding and backfill | 1½" - 0 | \$13.27 | \$8.34 | \$0.50 | 288 | \$6,367.68 |
| Energy dissipator | Riprap | \$2.27 | \$8.34 | \$1.60 | 24 | \$293.04 |
| | | | | Subtotal = | 312 | \$6,660.72 |
| Surfacing rock | | | | | | |
| Base Rock | 3" - 0 | \$12.98 | \$8.34 | \$1.22 | 1,976 | \$44,539.04 |
| Surfacing rock | 1½" - 0 | \$13.27 | \$8.34 | \$1.22 | 1,522 | \$34,747.26 |
| Junction | 1½" - 0 | \$13.27 | \$8.34 | \$1.22 | 324 | \$7,396.92 |
| Turnout | 1½" - 0 | \$13.27 | \$8.34 | \$1.22 | 35 | \$799.05 |
| Turnaround | 1½" - 0 | \$13.27 | \$8.34 | \$1.22 | 6 | \$136.98 |
| | | | | Subtotal = | 3,863 | \$87,619.25 |

| | | |
|--------|------------|-------|
| Totals | All Rock = | 4,175 |
| | 1½" - 0 | 2,175 |
| | 3" - 0 | 1,976 |
| | Riprap | 24 |

TOTAL ROCK COSTS = \$94,279.97

EROSION CONTROL

| | | | | | |
|-------------------------|------|------|----------|----------|----------|
| Grass seed & fertilizer | 1.17 | ac @ | \$425.00 | per ac = | \$497.25 |
| Straw mulch bale | 30 | ea @ | \$10.00 | per ea = | \$300.00 |

TOTAL EROSION CONTROL COSTS = \$797.25

TOTAL PROJECT COST = \$133,280.37

SUMMARY OF CONSTRUCTION COST

Timber Sale: Double Parked
Road Segment: C to D

Sale Number: FG-341-2023-W00883-01
Improvement: 36+50 stations
0.69 miles

PROJECT NO. 2: ROAD IMPROVEMENT

IMPROVEMENT

| | | | | | |
|---|-------|-------|------------|------------|------------|
| Clearing & grubbing (scatter) | 0.42 | ac @ | \$1,078.00 | per acre = | \$452.76 |
| Clean ditch & scatter waste material | 0.00 | sta @ | \$60.00 | per sta = | \$0.00 |
| Clean culvert inlet & outlet, scatter waste | 6 | ea @ | \$25.00 | per ea = | \$150.00 |
| Remove existing culvert | 1 | ea @ | \$150.00 | per ea = | \$150.00 |
| Construct tank trap | 1 | ea @ | \$55.00 | per ea = | \$55.00 |
| Construct settling pond | 3 | ea @ | \$25.00 | per ea = | \$75.00 |
| Improve turnout | 3 | ea @ | \$33.00 | per ea = | \$99.00 |
| Improve turnaround | 1 | ea @ | \$41.25 | per ea = | \$41.25 |
| Improve landing | 1 | ea @ | \$157.00 | per ea = | \$157.00 |
| Grade, ditch, & roll | 36.50 | sta @ | \$36.00 | per sta = | \$1,314.00 |

TOTAL IMPROVEMENT COSTS = \$2,494.01

CULVERTS

| | | | | | |
|--------------------|----|------|---------|----------|----------|
| Culverts and Bands | | | | | |
| 18" Diameter | 30 | LF @ | \$20.00 | per LF = | \$600.00 |
| 24" Diameter | 30 | LF @ | \$29.00 | per LF = | \$870.00 |
| Markers & Stakes | | | | | |
| Culvert markers | 3 | ea @ | \$10.00 | per ea = | \$30.00 |

TOTAL CULVERT COSTS = \$1,500.00

ROCK

| | Rock Size | Base Cost \$/cy | Haul Cost \$/cy | Placement/ Processing Cost \$/cy | Total CY | Rock Cost |
|-----------------------|-----------|-----------------|-----------------|----------------------------------|----------|-------------|
| Subgrade rock | | | | | | |
| Bedding and backfill | 3" - 0 | \$12.98 | \$8.75 | \$0.50 | 48 | \$1,067.04 |
| Subtotal = | | | | | 48 | \$1,067.04 |
| Surfacing rock | | | | | | |
| Base Rock | 3" - 0 | \$12.98 | \$8.75 | \$1.22 | 117 | \$2,685.15 |
| Surfacing rock | 3" - 0 | \$12.98 | \$8.75 | \$1.22 | 1,075 | \$24,671.25 |
| Junction | 3" - 0 | \$12.98 | \$8.75 | \$1.22 | 12 | \$275.40 |
| Turnout | 3" - 0 | \$12.98 | \$8.75 | \$1.22 | 42 | \$963.90 |
| Landing | 3" - 0 | \$12.98 | \$8.75 | \$1.22 | 90 | \$2,065.50 |
| Subtotal = | | | | | 1,336 | \$30,661.20 |

| | | |
|--------|------------|-------|
| Totals | All Rock = | 1,384 |
| | 3" - 0 | 1,384 |

TOTAL ROCK COSTS = \$31,728.24

EROSION CONTROL

| | | | | | |
|-------------------------|------|------|----------|----------|----------|
| Grass seed & fertilizer | 0.42 | ac @ | \$425.00 | per ac = | \$178.50 |
|-------------------------|------|------|----------|----------|----------|

TOTAL EROSION CONTROL COSTS = \$178.50

TOTAL PROJECT COST = \$35,900.75

SUMMARY OF CONSTRUCTION COST

Timber Sale: Double Parked
 Road Segment: E to F

Sale Number: FG-341-2023-W00883-01
 Improvement: 1+30 stations
0.02 miles

PROJECT NO. 2: ROAD IMPROVEMENT

IMPROVEMENT

| | | | | | |
|-------------------------------|------|-------|------------|------------|----------|
| Clearing & grubbing (scatter) | 0.02 | ac @ | \$1,078.00 | per acre = | \$21.56 |
| Improve landing | 1 | ea @ | \$157.00 | per ea = | \$157.00 |
| Grade, ditch, & roll | 1.30 | sta @ | \$36.00 | per sta = | \$46.80 |

TOTAL IMPROVEMENT COSTS = \$225.36

ROCK

| | Rock Size | Base Cost \$/cy | Haul Cost \$/cy | Placement/ Processing Cost \$/cy | Total CY | Rock Cost |
|-----------------------|-----------|-----------------|-----------------|----------------------------------|----------|------------|
| Surfacing rock | | | | | | |
| Surfacing rock | 3" - 0 | \$12.98 | \$8.65 | \$1.22 | 40 | \$914.00 |
| Landing | 3" - 0 | \$12.98 | \$8.65 | \$1.22 | 90 | \$2,056.50 |
| Subtotal = | | | | | 130 | \$2,970.50 |

| | | |
|--------|------------|-----|
| Totals | All Rock = | 130 |
| | 3" - 0 | 130 |

TOTAL ROCK COSTS = \$2,970.50

EROSION CONTROL

| | | | | | |
|-------------------------|------|------|----------|----------|--------|
| Grass seed & fertilizer | 0.02 | ac @ | \$425.00 | per ac = | \$8.50 |
|-------------------------|------|------|----------|----------|--------|

TOTAL EROSION CONTROL COSTS = \$8.50

TOTAL PROJECT COST = \$3,204.36

SUMMARY OF CONSTRUCTION COST

Timber Sale: Double Parked
 Road Segment: G to H

Sale Number: FG-341-2023-W00883-01
 Construction: 20+20 stations
0.38 miles

PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

| | | | | | |
|----------------------------------|-------|-------|------------|-----------|------------|
| Clearing & grubbing (scatter) | 2.32 | ac @ | \$1,078.00 | per ac = | \$2,500.96 |
| Balanced road construction | 18.15 | sta @ | \$110.00 | per sta = | \$1,996.50 |
| Drift | 2.05 | sta @ | \$360.00 | per sta = | \$738.00 |
| Full bench End-haul | | | | | |
| Excavate & load | 1,540 | cy @ | \$2.05 | per cy = | \$3,157.00 |
| Haul | 2,002 | cy @ | \$1.42 | per cy = | \$2,842.84 |
| Shape and compact waste material | 2,002 | cy @ | \$0.30 | per cy = | \$600.60 |
| Fill construction | | | | | |
| Excavate & load | 1,550 | cy @ | \$2.05 | per cy = | \$3,177.50 |
| Haul | 2,015 | cy @ | \$0.68 | per cy = | \$1,370.20 |
| Shape and compact fill | 2,015 | cy @ | \$2.90 | per cy = | \$5,843.50 |
| Turnout | 3 | ea @ | \$66.00 | per ea = | \$198.00 |
| Turnaround | 1 | ea @ | \$82.50 | per ea = | \$82.50 |
| Roadside landing | 2 | ea @ | \$165.00 | per ea = | \$330.00 |
| Grade, ditch, & roll | 20.20 | sta @ | \$36.00 | per sta = | \$727.20 |

TOTAL CONSTRUCTION COSTS = \$23,564.80

CULVERTS

| | | | | | |
|--------------------|-----|------|---------|----------|------------|
| Culverts and Bands | | | | | |
| 18" Diameter | 180 | LF @ | \$20.00 | per LF = | \$3,600.00 |
| Markers & Stakes | | | | | |
| Culvert markers | 4 | ea @ | \$10.00 | per ea = | \$40.00 |

TOTAL CULVERT COSTS = \$3,640.00

ROCK

| | Rock Size | Base Cost \$/cy | Haul Cost \$/cy | Placement/ Processing Cost \$/cy | Total CY | Rock Cost |
|-----------------------|-----------|-----------------|-----------------|----------------------------------|--------------|--------------------|
| Surfacing rock | | | | | | |
| Base rock | 3" - 0 | \$12.98 | \$8.95 | \$1.22 | 657 | \$15,209.55 |
| Surfacing rock | 1½" - 0 | \$13.27 | \$8.95 | \$1.22 | 657 | \$15,400.08 |
| Curve widening | 1½" - 0 | \$13.27 | \$8.95 | \$1.22 | 26 | \$609.44 |
| Turnout | 3" - 0 | \$12.98 | \$8.95 | \$1.22 | 87 | \$2,014.05 |
| Turnaround | 3" - 0 | \$12.98 | \$8.95 | \$1.22 | 20 | \$463.00 |
| Roadside landing | 3" - 0 | \$12.98 | \$8.95 | \$1.22 | 190 | \$4,398.50 |
| Subtotal = | | | | | 1,637 | \$38,094.62 |

Totals

| | |
|------------|-------|
| All Rock = | 1,637 |
| 1½" - 0 | 683 |
| 3" - 0 | 954 |

TOTAL ROCK COSTS = \$38,094.62

EROSION CONTROL

| | | | | | |
|-------------------------|------|------|----------|----------|----------|
| Grass seed & fertilizer | 1.16 | ac @ | \$500.00 | per ac = | \$580.00 |
| Straw mulch (bale) | 20 | ea @ | \$10.00 | per ea = | \$200.00 |

TOTAL EROSION CONTROL COSTS = \$780.00

TOTAL PROJECT COST = \$66,079.42

SUMMARY OF CONSTRUCTION COST

Timber Sale: Double Parked
Road Segment: I to J

Sale Number: FG-341-2023-W00883-01
Improvement: 49+65 stations
0.94 miles

PROJECT NO. 2: ROAD IMPROVEMENT

IMPROVEMENT

| | | | | | |
|--------------------------------------|-------|-------|------------|------------|------------|
| Clearing & grubbing (scatter) | 0.57 | ac @ | \$1,078.00 | per acre = | \$614.46 |
| Clean ditch & scatter waste material | 45.45 | sta @ | \$60.00 | per sta = | \$2,727.00 |
| Cutslope layback | | | | | |
| Excavate & load | 287 | cy @ | \$2.05 | per cy = | \$588.78 |
| Haul | 374 | cy @ | \$0.76 | per cy = | \$284.24 |
| Shape and compact waste material | 374 | cy @ | \$0.30 | per cy = | \$112.20 |
| Improve turnout | 7 | ea @ | \$33.00 | per ea = | \$231.00 |
| Improve turnaround | 1 | ea @ | \$41.25 | per ea = | \$41.25 |
| Improve landing | 1 | ea @ | \$157.00 | per ea = | \$157.00 |
| Grade & roll (outslope) | 4.20 | sta @ | \$32.20 | per sta = | \$135.24 |
| Grade, ditch, & roll | 45.45 | sta @ | \$36.00 | per sta = | \$1,636.20 |

TOTAL IMPROVEMENT COSTS = \$6,527.37

CULVERTS

| | | | | | |
|------------------|---|------|---------|----------|---------|
| Markers & Stakes | | | | | |
| Culvert markers | 1 | ea @ | \$10.00 | per ea = | \$10.00 |

TOTAL CULVERT COSTS = \$10.00

ROCK

| | Rock Size | Base Cost \$/cy | Haul Cost \$/cy | Placement/ Processing Cost \$/cy | Total CY | Rock Cost |
|-----------------------|-----------|-----------------|-----------------|----------------------------------|----------|-------------|
| Surfacing rock | | | | | | |
| Surfacing rock | 1½" - 0 | \$13.27 | \$9.14 | \$1.22 | 744 | \$17,580.72 |
| Junction | 1½" - 0 | \$13.27 | \$9.14 | \$1.22 | 36 | \$850.68 |
| Turnout | 1½" - 0 | \$13.27 | \$9.14 | \$1.22 | 49 | \$1,157.87 |
| Turnaround | 1½" - 0 | \$13.27 | \$9.14 | \$1.22 | 6 | \$141.78 |
| Landing | 1½" - 0 | \$13.27 | \$9.14 | \$1.22 | 45 | \$1,063.35 |
| Subtotal = | | | | | 880 | \$20,794.40 |

| | | |
|--------|------------|-----|
| Totals | All Rock = | 880 |
| | 1½" - 0 | 880 |

TOTAL ROCK COSTS = \$20,794.40

EROSION CONTROL

| | | | | | |
|-------------------------|------|------|----------|----------|----------|
| Grass seed & fertilizer | 0.57 | ac @ | \$425.00 | per ac = | \$242.25 |
| Straw mulch bale | 20 | ea @ | \$10.00 | per ea = | \$200.00 |

TOTAL EROSION CONTROL COSTS = \$442.25

TOTAL PROJECT COST = \$27,774.02

SUMMARY OF CONSTRUCTION COST

Timber Sale: Double Parked
Road Segment: K to L

Sale Number: FG-341-2023-W00883-01
Improvement: 2+30 stations
0.04 miles

PROJECT NO. 2: ROAD IMPROVEMENT

IMPROVEMENT

| | | | | | |
|--------------------------------------|------|-------|------------|------------|----------|
| Clearing & grubbing (scatter) | 0.03 | ac @ | \$1,078.00 | per acre = | \$32.34 |
| Clean ditch & scatter waste material | 2.30 | sta @ | \$60.00 | per sta = | \$138.00 |
| Improve landing | 1 | ea @ | \$157.00 | per ea = | \$157.00 |
| Grade, ditch, & roll | 2.30 | sta @ | \$36.00 | per sta = | \$82.80 |

TOTAL IMPROVEMENT COSTS = \$410.14

ROCK

| | Rock Size | Base Cost \$/cy | Haul Cost \$/cy | Placement/ Processing Cost \$/cy | Total CY | Rock Cost |
|-----------------------|-----------|-----------------|-----------------|----------------------------------|----------|------------|
| Surfacing rock | | | | | | |
| Surfacing rock | 1½" - 0 | \$13.27 | \$8.88 | \$1.22 | 34 | \$794.58 |
| Landing | 1½" - 0 | \$13.27 | \$8.88 | \$1.22 | 45 | \$1,051.65 |
| Subtotal = | | | | | 79 | \$1,846.23 |

| | | |
|--------|------------|----|
| Totals | All Rock = | 79 |
| | 1½" - 0 | 79 |

TOTAL ROCK COSTS = \$1,846.23

EROSION CONTROL

| | | | | | |
|-------------------------|------|------|----------|----------|---------|
| Grass seed & fertilizer | 0.03 | ac @ | \$425.00 | per ac = | \$12.75 |
|-------------------------|------|------|----------|----------|---------|

TOTAL EROSION CONTROL COSTS = \$12.75

TOTAL PROJECT COST = \$2,269.12

SUMMARY OF CONSTRUCTION COST

Timber Sale: Double Parked
Road Segment: J to M

Sale Number: FG-341-2023-W00883-01
Construction: 19+50 stations
0.37 miles

PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

| | | | | | |
|-------------------------------|-------|-------|------------|-----------|------------|
| Clearing & grubbing (scatter) | 2.24 | ac @ | \$1,078.00 | per ac = | \$2,414.72 |
| Remove large stump | 3 | ea @ | \$82.50 | per ea = | \$247.50 |
| Balanced road construction | 14.20 | sta @ | \$110.00 | per sta = | \$1,562.00 |
| Drift | 5.30 | sta @ | \$180.00 | per sta = | \$954.00 |
| Fill construction | | | | | |
| Drift & compact fill | 1,224 | cy @ | \$1.40 | per cy = | \$1,713.60 |
| Turnout | 1 | ea @ | \$66.00 | per ea = | \$66.00 |
| Turnaround | 2 | ea @ | \$82.50 | per ea = | \$165.00 |
| Roadside landing | 3 | ea @ | \$165.00 | per ea = | \$495.00 |
| Landing | 1 | ea @ | \$314.00 | per ea = | \$314.00 |
| Grade, ditch, & roll | 19.50 | sta @ | \$36.00 | per sta = | \$702.00 |

TOTAL CONSTRUCTION COSTS = \$8,633.82

CULVERTS

| | | | | | |
|--------------------|-----|------|---------|----------|------------|
| Culverts and Bands | | | | | |
| 18" Diameter | 100 | LF @ | \$20.00 | per LF = | \$2,000.00 |
| Markers & Stakes | | | | | |
| Culvert markers | 3 | ea @ | \$10.00 | per ea = | \$30.00 |

TOTAL CULVERT COSTS = \$2,030.00

ROCK

| | Rock Size | Base Cost \$/cy | Haul Cost \$/cy | Placement/ Processing Cost \$/cy | Total CY | Rock Cost |
|-----------------------|-----------|-----------------|-----------------|----------------------------------|----------|-------------|
| Subgrade rock | | | | | | |
| Bedding and backfill | 3" - 0 | \$12.98 | \$9.34 | \$0.50 | 72 | \$1,643.04 |
| Subtotal = | | | | | 72 | \$1,643.04 |
| Surfacing rock | | | | | | |
| Base rock | 3" - 0 | \$12.98 | \$9.34 | \$1.22 | 1,267 | \$29,825.18 |
| Turnout | 3" - 0 | \$12.98 | \$9.34 | \$1.22 | 29 | \$682.66 |
| Turnaround | 3" - 0 | \$12.98 | \$9.34 | \$1.22 | 40 | \$941.60 |
| Roadside landing | 3" - 0 | \$12.98 | \$9.34 | \$1.22 | 285 | \$6,708.90 |
| Landing | 3" - 0 | \$12.98 | \$9.34 | \$1.22 | 180 | \$4,237.20 |
| Subtotal = | | | | | 1,801 | \$42,395.54 |

Totals

| | |
|------------|-------|
| All Rock = | 1,873 |
| 3" - 0 | 1,873 |

TOTAL ROCK COSTS = \$44,038.58

EROSION CONTROL

| | | | | | |
|-------------------------|------|------|----------|----------|----------|
| Grass seed & fertilizer | 1.12 | ac @ | \$500.00 | per ac = | \$560.00 |
| Straw mulch (bale) | 20 | ea @ | \$10.00 | per ea = | \$200.00 |

TOTAL EROSION CONTROL COSTS = \$760.00

TOTAL PROJECT COST = \$55,462.40

SUMMARY OF CONSTRUCTION COST

Timber Sale: Double Parked
Road Segment: N to O

Sale Number: FG-341-2023-W00883-01
Construction: 7+00 stations
0.13 miles

PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

| | | | | | |
|-------------------------------|------|-------|------------|-----------|----------|
| Clearing & grubbing (scatter) | 0.81 | ac @ | \$1,078.00 | per ac = | \$873.18 |
| Balanced road construction | 7.00 | sta @ | \$110.00 | per sta = | \$770.00 |
| Landing | 1 | ea @ | \$314.00 | per ea = | \$314.00 |
| Grade, ditch, & roll | 7.00 | sta @ | \$36.00 | per sta = | \$252.00 |

TOTAL CONSTRUCTION COSTS = \$2,209.18

CULVERTS

| | | | | | |
|--------------------|----|------|---------|----------|----------|
| Culverts and Bands | | | | | |
| 18" Diameter | 30 | LF @ | \$20.00 | per LF = | \$600.00 |
| Markers & Stakes | | | | | |
| Culvert markers | 1 | ea @ | \$10.00 | per ea = | \$10.00 |

TOTAL CULVERT COSTS = \$610.00

ROCK

| | Rock Size | Base Cost \$/cy | Haul Cost \$/cy | Placement/ Processing Cost \$/cy | Total CY | Rock Cost |
|-----------------------|-----------|-----------------|-----------------|----------------------------------|----------|-------------|
| Subgrade rock | | | | | | |
| Bedding and backfill | 3" - 0 | \$12.98 | \$8.88 | \$0.50 | 24 | \$536.64 |
| Subtotal = | | | | | 24 | \$536.64 |
| Surfacing rock | | | | | | |
| Base rock | 3" - 0 | \$12.98 | \$8.88 | \$1.22 | 455 | \$10,501.40 |
| Landing | 3" - 0 | \$12.98 | \$8.88 | \$1.22 | 180 | \$4,154.40 |
| Subtotal = | | | | | 635 | \$14,655.80 |

| | | |
|--------|------------|-----|
| Totals | All Rock = | 659 |
| | 3" - 0 | 659 |

TOTAL ROCK COSTS = \$15,192.44

EROSION CONTROL

| | | | | | |
|-------------------------|------|------|----------|----------|----------|
| Grass seed & fertilizer | 0.41 | ac @ | \$500.00 | per ac = | \$205.00 |
|-------------------------|------|------|----------|----------|----------|

TOTAL EROSION CONTROL COSTS = \$205.00

TOTAL PROJECT COST = \$18,216.62

SUMMARY OF CONSTRUCTION COST

Timber Sale: Double Parked
Road Segment: P to Q

Sale Number: FG-341-2023-W00883-01
Construction: 2+00 stations
0.04 miles

PROJECT NO. 1: ROCKED ROAD CONSTRUCTION

CONSTRUCTION

| | | | | |
|-------------------------------|------|-----------------|-----------|----------|
| Clearing & grubbing (scatter) | 0.23 | ac @ \$1,078.00 | per ac = | \$247.94 |
| Balanced road construction | 2.00 | sta @ \$110.00 | per sta = | \$220.00 |
| Landing | 1 | ea @ \$314.00 | per ea = | \$314.00 |
| Grade, ditch, & roll | 2.00 | sta @ \$36.00 | per sta = | \$72.00 |

TOTAL CONSTRUCTION COSTS = \$853.94

ROCK

| | Rock Size | Base Cost \$/cy | Haul Cost \$/cy | Placement/ Processing Cost \$/cy | Total CY | Rock Cost |
|-----------------------|-----------|-----------------|-----------------|----------------------------------|------------|-------------------|
| Surfacing rock | | | | | | |
| Base rock | 3" - 0 | \$12.98 | \$8.88 | \$1.22 | 130 | \$3,000.40 |
| Landing | 3" - 0 | \$12.98 | \$8.88 | \$1.22 | 180 | \$4,154.40 |
| | | | | Subtotal = | 310 | \$7,154.80 |

Totals

| | |
|------------|-----|
| All Rock = | 310 |
| 3" - 0 | 310 |

TOTAL ROCK COSTS = \$7,154.80

EROSION CONTROL

| | | | | |
|-------------------------|------|---------------|----------|---------|
| Grass seed & fertilizer | 0.12 | ac @ \$500.00 | per ac = | \$60.00 |
|-------------------------|------|---------------|----------|---------|

TOTAL EROSION CONTROL COSTS = \$60.00

TOTAL PROJECT COST = \$8,068.74

SUMMARY OF CONSTRUCTION COSTTimber Sale: Double ParkedSale Number: FG-341-2023-W00883-01**PROJECT NO. 3: STOCKPILE CONSTRUCTION****ROCK**

| | Rock Size | Base Cost \$/cy | Haul Cost \$/cy | Placement / Processing Cost \$/cy | Total CY | Rock Cost |
|-----------------------|-----------|-----------------|-----------------|-----------------------------------|----------|-------------|
| Stockpile rock | | | | | | |
| Stockpile | 1½" - 0 | \$13.27 | \$0.27 | \$1.10 | 5,800 | \$84,912.00 |
| | | | | Subtotal = | 5,800 | \$84,912.00 |

| | | |
|--------|------------|-------|
| Totals | All Rock = | 5,800 |
| | 1½" - 0 | 5,800 |

TOTAL PROJECT COST = \$84,912.00

SUMMARY OF CONSTRUCTION COST

Timber Sale: Double Parked
 Sites: 1 -5 & A - F

Sale Number: FG-341-2023-W00883-01
 Construction: 11 Sites

PROJECT NO. 4: STREAM ENHANCEMENT

CONSTRUCTION

Log transportation and placement 60 ea @ \$225.00 per ea = \$13,500.00

TOTAL CONSTRUCTION COSTS = \$13,500.00

EROSION CONTROL

Trail blocking / Rehab 11 ea @ \$50.00 per ea = \$550.00

Grass seed 0.10 ac @ \$500.00 per ac = \$50.00

Straw mulch (bale) 22 ea @ \$10.00 per ea = \$220.00

TOTAL EROSION CONTROL COSTS = \$820.00

TOTAL PROJECT COST = \$14,320.00

SUMMARY OF CONSTRUCTION COST

Timber Sale: Double Parked

Sale Number: FG-341-2023-W00883-01

PROJECT No. 1 & 2 MOVE-IN, WITHIN AREA MOVE, & CLEANING COSTS

| <u>Equipment</u> | <u>Total</u> |
|--|-------------------------------------|
| Grader | \$743.45 |
| Loader (Med. & Large) | \$666.63 |
| Roller (smooth/grid) & Compactor | \$482.05 |
| Excavator (Large) - Equipment Cleaning | \$1,743.45 |
| Dozer (Large) - Equipment Cleaning | \$1,788.03 |
| Dump Truck (10cy +) | \$760.33 |
| | |
| | <u>TOTAL MOVE-IN COSTS =</u> |
| | <u>\$6,183.94</u> |

PROJECT No. 4 MOVE-IN, WITHIN AREA MOVE, & CLEANING COSTS

| <u>Equipment</u> | <u>Total</u> |
|--|-------------------------------------|
| Loader (Med. & Large) | \$666.63 |
| Excavator (Large) - Equipment Cleaning | \$1,743.45 |
| | |
| | <u>TOTAL MOVE-IN COSTS =</u> |
| | <u>\$2,410.08</u> |

QUARRY DEVELOPMENT & CRUSHING COST SUMMARY

Timber Sale: Double Parked
Sale Number: FG-341-2023-W00883-01
Quarry Name: Wildcat Quarry

1 1/2" - 0: 3,817 cy (truck measure)
3" - 0: 7,286 cy (truck measure)
Riprap: 24 cy (truck measure)
Stockpile (1 1/2"-0): 5,000 cy (stockpile measure)
Total truck yardage: 16,903 cy
Total in place yardage: 16,102 cy

Oversize - Pile: 5%
Swell: 130%
Compaction: 116%
Screening Loss: 15%

Move-in & Other Base Cost

| | | | | |
|---|--------------------|---|------------|-------------|
| Quarry development & overburden removal | | | | \$3,173.94 |
| Equipment cleaning & move in excavator | | | | \$884.31 |
| Equipment cleaning & move in dozer | | | | \$865.24 |
| Move in & setup drill | | | | \$505.20 |
| Move in loader | | | | \$777.26 |
| Move in & setup crusher | | | | \$2,666.56 |
| Move in Dump Trucks | | | | \$546.75 |
| Gradation tests | \$71.50 /2,000cy x | 9 | tests = | \$643.50 |
| Change gradation | | | | \$275.00 |
| Clean up quarry | | | | \$500.00 |
| 8 Test Drills & Drill Reports | | | | \$396.00 |
| | | | Subtotal = | \$11,233.76 |
| | | | Per CY = | \$0.66/cy |

1 1/2"-0 Base Cost

| | | | | | |
|--------------------|--------|--------|------------|--------------|-------------|
| Drill & shoot | \$2.80 | / cy x | 9,162 | cy = | \$25,653.60 |
| Push rock | \$0.80 | / cy x | 11,911 | cy = | \$9,528.80 |
| Oversize - Pile | \$0.80 | / cy x | 596 | cy = | \$476.80 |
| Load crusher | \$0.80 | / cy x | 11,315 | cy = | \$9,052.00 |
| Screen rock | \$2.90 | / cy x | 11,315 | cy = | \$32,813.50 |
| Waste reject | \$0.80 | / cy x | 1,698 | cy = | \$1,358.40 |
| Crush (1 1/2" - 0) | \$3.60 | / cy x | 3,817 | cy = | \$13,741.20 |
| Crush (Stockpile) | \$3.60 | / cy x | 5,800 | cy = | \$20,880.00 |
| Load dump truck | \$0.80 | / cy x | 9,617 | cy = | \$7,693.60 |
| | | | Subtotal = | \$121,197.90 | |
| | | | Per CY = | \$12.60/cy | |

3"-0 Base Cost

| | | | | | |
|-----------------|--------|--------|------------|-------------|-------------|
| Drill & shoot | \$2.80 | / cy x | 6,941 | cy = | \$19,434.80 |
| Push rock | \$0.80 | / cy x | 9,024 | cy = | \$7,219.20 |
| Oversize - Pile | \$0.80 | / cy x | 428 | cy = | \$342.40 |
| Load crusher | \$0.80 | / cy x | 8,596 | cy = | \$6,876.80 |
| Screen rock | \$2.90 | / cy x | 8,596 | cy = | \$24,928.40 |
| Waste reject | \$0.80 | / cy x | 1,290 | cy = | \$1,032.00 |
| Load dump truck | \$0.80 | / cy x | 7,286 | cy = | \$5,828.80 |
| | | | Subtotal = | \$89,706.20 | |
| | | | Per CY = | \$12.31/cy | |

Riprap Base Cost

| | | | | | |
|-----------------|--------|--------|------------|-----------|---------|
| Load dump truck | \$1.60 | / cy x | 24 | cy = | \$38.40 |
| | | | Subtotal = | \$38.40 | |
| | | | Per CY = | \$1.60/cy | |

1 1/2"-0 Base Cost = \$13.27/cy
3"-0 Base Cost = \$12.98/cy
Riprap Base Cost = \$2.27/cy

CRUISE REPORT
Double Parked
#FG-341-2023-W00883-01

1. LOCATION:

Portions of Sections 17, 18, 19, and 20, T2N, R5W, W.M., Washington County, Oregon.

2. CRUISE DESIGN:

The timber cruise was designed using an estimated coefficient of variation (CV) of 57%, average stand diameter of 21 inches, sampling error (SE) of 9% and a minimum of 100 grade trees.

3. SAMPLING METHOD:

The Timber Sale Area was cruised in January of 2023 with 40 variable radius grade plots using a 40 BAF prism. Plots were laid out on a 5 chain x 5 chain grid. Plots falling on or near existing roads or no-harvest areas were offset 1 chain.

4. CRUISE RESULTS:

205 trees were measured and graded producing a sampling error of 6.6% on the Douglas-fir Basal Area. The sampling error of Douglas-fir Net Board Foot Volume is 6.7%.

5. TREE MEASUREMENT AND GRADING:

All sample trees were measured and graded following the Official Log Scaling and Grading Rules as adopted by the NW Log Rules Advisory Group. 40 foot segments were favored.

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

6. DATA PROCESSING:

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

7. CRUISERS: The sale was cruised by ODF cruisers Colton Turner, Adrian Torres, Mark Savage, and Kenton Burns.

Prepared by: Mark Savage 1-24-2023

Reviewed by: Mark Savage 1-24-2023
Date

| TC PSTATS | | | | | PROJECT STATISTICS | | | | | PAGE | 1 |
|--|------|-------|-------|-------------------|--------------------|-----------|---------|-----------------|--------|-----------|-----------|
| | | | | | PROJECT | DBLEPAR | | | | DATE | 1/30/2023 |
| TWP | RGE | SC | TRACT | TYPE | ACRES | | PLOTS | TREES | CuFt | BdFt | |
| T2N | R5 | 17 | 00U1 | Unit 1 00MC | 89.00 | | 22 | 127 | S | W | |
| | | | | | | | | | | | |
| | | | | | TREES | ESTIMATED | PERCENT | | | | |
| | | | | | PER PLOT | TOTAL | SAMPLE | | | | |
| | | | | | PLOTS | TREES | TREES | TREES | | | |
| TOTAL | | | 22 | 127 | 5.8 | | | | | | |
| CRUISE | | | 22 | 127 | 5.8 | 9,942 | | 1.3 | | | |
| DBH COUNT | | | | | | | | | | | |
| REFOREST | | | | | | | | | | | |
| COUNT | | | | | | | | | | | |
| 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 | | | 116 | 97.1 | 20.0 | 124 | 47.2 | 210.9 | 44,432 | 44,304 | 9,605 |
| DOUG FIR-S | | | 4 | 4.1 | 17.9 | 113 | 1.7 | 7.3 | | | |
| BL MAPLE | | | 6 | 9.6 | 14.5 | 91 | 2.9 | 10.9 | 756 | 756 | 225 |
| R ALDER | | | 1 | .9 | 19.0 | 80 | 0.4 | 1.8 | 166 | 166 | 60 |
| TOTAL | | | 127 | 111.7 | 19.5 | 120 | 52.3 | 230.9 | 45,354 | 45,226 | 9,891 |
| | | | | | | | | | | | |
| 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 | | 60.8 | 5.6 | 611 | 648 | 684 | | | | | |
| DOUG FIR-S | | | | | | | | | | | |
| BL MAPLE | | 31.5 | 14.0 | 74 | 87 | 99 | | | | | |
| R ALDER | | | | | | | | | | | |
| TOTAL | | 68.8 | 6.1 | 561 | 597 | 634 | 189 | 47 | 21 | | |
| 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 | | 55.2 | 5.1 | 131 | 138 | 145 | | | | | |
| DOUG FIR-S | | | | | | | | | | | |
| BL MAPLE | | 41.6 | 18.5 | 22 | 27 | 32 | | | | | |
| R ALDER | | | | | | | | | | | |
| TOTAL | | 62.7 | 5.6 | 121 | 128 | 135 | 157 | 39 | 17 | | |
| 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 | | 61.3 | 13.4 | 84 | 97 | 110 | | | | | |
| DOUG FIR-S | | 269.2 | 58.7 | 2 | 4 | 7 | | | | | |
| BL MAPLE | | 266.9 | 58.2 | 4 | 10 | 15 | | | | | |
| R ALDER | | 469.0 | 102.2 | | 1 | 2 | | | | | |
| TOTAL | | 55.2 | 12.0 | 98 | 112 | 125 | 127 | 32 | 14 | | |
| CL | 68.1 | COEFF | | BASAL AREA/ACRE | | | | # OF PLOTS REQ. | | INF. POP. | |
| SD: | 1.0 | VAR.% | S.E.% | LOW | AVG | HIGH | 5 | | 10 | 15 | |
| DOUG FIR | | 31.1 | 6.8 | 197 | 211 | 225 | | | | | |
| DOUG FIR-S | | 275.6 | 60.1 | 3 | 7 | 12 | | | | | |
| BL MAPLE | | 257.6 | 56.1 | 5 | 11 | 17 | | | | | |
| R ALDER | | 469.0 | 102.2 | | 2 | 4 | | | | | |
| TOTAL | | 34.2 | 7.5 | 214 | 231 | 248 | 49 | 12 | 5 | | |
| 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 | | 32.5 | 7.1 | 41,163 | 44,304 | 47,444 | | | | | |
| DOUG FIR-S | | | | | | | | | | | |
| BL MAPLE | | 250.5 | 54.6 | 343 | 756 | 1,169 | | | | | |
| R ALDER | | 469.0 | 102.2 | | 166 | 336 | | | | | |

| | | | | | | | | | | |
|------------|------|----|-------|--------------------|--------|--------|--------|-----------------|-----------|-----------|
| TC PSTATS | | | | PROJECT STATISTICS | | | | | PAGE | 2 |
| | | | | PROJECT DBLEPAR | | | | | DATE | 1/30/2023 |
| TWP | RGE | SC | TRACT | TYPE | | ACRES | PLOTS | TREES | CuFt | BdFt |
| T2N | R5 | 17 | 00U1 | 00MC | | 89.00 | 22 | 127 | 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 | | | 32.1 | 7.0 | 42,059 | 45,226 | 48,393 | 43 | 11 | 5 |
| 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 | | | 31.9 | 6.9 | 8,939 | 9,605 | 10,272 | | | |
| DOUG FIR-S | | | | | | | | | | |
| BL MAPLE | | | 230.8 | 50.3 | 112 | 225 | 339 | | | |
| R ALDER | | | 469.0 | 102.2 | | 60 | 122 | | | |
| TOTAL | | | 31.2 | 6.8 | 9,219 | 9,891 | 10,563 | 41 | 10 | 5 |

| TC | | PSPCSTGR | | Species, Sort Grade - Board Foot Volumes (Project) | | | | | | | | | | | | | | | | |
|--------------------------------------|------------------|------------------|------------------|--|----------------|------------------|----------------------------------|-------|------------|-------|-------|-------|----------|-----------|-------------|-----------|-------|-----------|----------------------|--|
| <div>TT2N RR5W S17 Ty00MC89.00</div> | | | | Project: | | DBLEPAR | | | | | | | | | | Page | | 1 | | |
| | | | | Acres | | 89.00 | | | | | | | | | | Date | | 1/30/2023 | | |
| | | | | | | | | | | | | | | | | Time | | 1:17:54PM | | |
| S Spp | So Gr T rt ad | % Net BdFt | Bd. Ft. per Acre | | | Total Net MBF | Percent of Net Board Foot Volume | | | | | | | | Average Log | | | | Logs Per /Acre | |
| | | 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 | CU | | | | | | | | | | | | | | 6 | 16 | | 0.00 | 2.7 | |
| DF | 2M | 70 | .3 | 31,182 | 31,089 | 2,767 | | | 52 | 48 | 0 | | | 100 | 40 | 15 | 372 | 1.89 | 83.6 | |
| DF | 3M | 27 | .3 | 12,156 | 12,121 | 1,079 | | 100 | | | 0 | 0 | 4 | 96 | 39 | 8 | 106 | 0.67 | 114.9 | |
| DF | 4M | 3 | | 1,094 | 1,094 | 97 | | 100 | | | 41 | 59 | | | 21 | 6 | 25 | 0.33 | 43.4 | |
| DF Totals | | 98 | .3 | 44,432 | 44,304 | 3,943 | | 30 | 37 | 33 | 1 | 2 | 1 | 96 | 36 | 10 | 181 | 1.10 | 244.6 | |
| DF | S CU | | | | | | | | | | | | | | 35 | 9 | | 0.00 | 9.9 | |
| DF Totals | | | | | | | | | | | | | | | 35 | 9 | | 0.00 | 9.9 | |
| BM | CU | | | | | | | | | | | | | | 12 | 9 | | 0.00 | 14.4 | |
| BM | CR | 100 | | 756 | 756 | 67 | | 100 | | | | 62 | | 38 | 31 | 8 | 79 | 0.75 | 9.6 | |
| BM Totals | | 2 | | 756 | 756 | 67 | | 100 | | | | 62 | | 38 | 20 | 9 | 32 | 0.47 | 23.9 | |
| RA | CR | 100 | | 166 | 166 | 15 | | 100 | | | 17 | | | 83 | 28 | 9 | 90 | 1.17 | 1.8 | |
| RA Totals | | 0 | | 166 | 166 | 15 | | 100 | | | 17 | | | 83 | 28 | 9 | 90 | 1.17 | 1.8 | |
| Totals | | | 0.3 | 45,354 | 45,226 | 4,025 | | 31 | 36 | 33 | 1 | 3 | 1 | 95 | 34 | 10 | 161 | 1.03 | 280.2 | |

| TC | | PSTNDSUM | | Stand Table Summary | | | | | | | | | Page | | 1 | |
|----------------------------|--------|-----------------|-----------|---------------------|----------------|-------------|--------------|---------------|---------------|---------------|----------------|----------------|--------|--------|-----------|--|
| | | | | | | | | | | | | | Date: | | 1/30/2023 | |
| TT2N RR5W S17 Ty00MC 89.00 | | | | Project | | DBLEPAR | | | | Time: | | 1:17:56PM | | | | |
| | | | | Acres | | 89.00 | | | | Grown Year: | | | | | | |
| S Spec T | Tot | | | | | | | Average Log | | Net | | Net | | Totals | | |
| | DBH | Sample Trees | FF 16' | Av Ht | Trees/ Acre | BA/ Acre | Logs Acre | Net Cu.Ft. | Net Bd.Ft. | Tons/ Acre | Cu.Ft. Acre | Bd.Ft. Acre | Tons | Cunits | MBF | |
| DF | 8 | 1 | 85 | 68 | 5.209 | 1.82 | 5.21 | 4.6 | 20.0 | .69 | 24 | 104 | 61 | 21 | 9 | |
| DF | 9 | 1 | 83 | 56 | 4.116 | 1.82 | 4.12 | 6.5 | 30.0 | .77 | 27 | 123 | 68 | 24 | 11 | |
| DF | 13 | 2 | 89 | 114 | 3.945 | 3.64 | 7.89 | 16.7 | 75.0 | 3.77 | 132 | 592 | 335 | 118 | 53 | |
| DF | 14 | 3 | 89 | 123 | 5.102 | 5.45 | 10.20 | 21.3 | 100.0 | 6.20 | 218 | 1,020 | 552 | 194 | 91 | |
| DF | 15 | 9 | 89 | 116 | 13.334 | 16.36 | 26.67 | 23.3 | 105.6 | 17.74 | 623 | 2,815 | 1,579 | 554 | 251 | |
| DF | 16 | 1 | 88 | 120 | 1.302 | 1.82 | 2.60 | 28.1 | 125.0 | 2.09 | 73 | 326 | 186 | 65 | 29 | |
| DF | 17 | 6 | 88 | 121 | 6.921 | 10.91 | 17.30 | 25.5 | 110.7 | 12.59 | 442 | 1,915 | 1,120 | 393 | 170 | |
| DF | 18 | 7 | 88 | 128 | 7.202 | 12.73 | 19.55 | 28.0 | 123.7 | 15.60 | 547 | 2,418 | 1,388 | 487 | 215 | |
| DF | 19 | 6 | 88 | 115 | 5.541 | 10.91 | 13.85 | 30.9 | 127.3 | 12.19 | 428 | 1,764 | 1,085 | 381 | 157 | |
| DF | 20 | 6 | 89 | 136 | 5.000 | 10.91 | 15.00 | 33.5 | 149.4 | 14.34 | 503 | 2,242 | 1,276 | 448 | 200 | |
| DF | 21 | 8 | 88 | 134 | 6.047 | 14.55 | 18.14 | 37.1 | 168.8 | 19.20 | 674 | 3,061 | 1,709 | 600 | 272 | |
| DF | 22 | 6 | 89 | 138 | 4.133 | 10.91 | 12.40 | 42.2 | 196.7 | 14.92 | 523 | 2,438 | 1,328 | 466 | 217 | |
| DF | 23 | 6 | 86 | 133 | 3.781 | 10.91 | 11.34 | 45.6 | 205.0 | 14.76 | 518 | 2,325 | 1,313 | 461 | 207 | |
| DF | 24 | 12 | 88 | 145 | 6.945 | 21.82 | 21.41 | 50.8 | 235.1 | 30.98 | 1,087 | 5,035 | 2,757 | 968 | 448 | |
| DF | 25 | 10 | 88 | 140 | 5.334 | 18.18 | 16.00 | 54.8 | 253.7 | 25.01 | 877 | 4,059 | 2,225 | 781 | 361 | |
| DF | 26 | 8 | 87 | 143 | 3.945 | 14.55 | 11.84 | 58.6 | 273.3 | 19.77 | 694 | 3,235 | 1,760 | 617 | 288 | |
| DF | 27 | 6 | 87 | 150 | 2.744 | 10.91 | 8.23 | 68.0 | 326.1 | 15.95 | 560 | 2,684 | 1,420 | 498 | 239 | |
| DF | 28 | 4 | 87 | 154 | 1.701 | 7.27 | 5.53 | 68.1 | 336.2 | 10.73 | 377 | 1,858 | 955 | 335 | 165 | |
| DF | 29 | 3 | 86 | 141 | 1.189 | 5.45 | 3.57 | 73.7 | 358.9 | 7.50 | 263 | 1,280 | 667 | 234 | 114 | |
| DF | 30 | 4 | 85 | 148 | 1.482 | 7.27 | 4.44 | 81.2 | 390.8 | 10.28 | 361 | 1,737 | 915 | 321 | 155 | |
| DF | 31 | 2 | 87 | 150 | .694 | 3.64 | 2.08 | 88.6 | 451.7 | 5.25 | 184 | 940 | 468 | 164 | 84 | |
| DF | 32 | 1 | 85 | 149 | .326 | 1.82 | .98 | 95.8 | 463.3 | 2.67 | 94 | 453 | 237 | 83 | 40 | |
| DF | 33 | 1 | 84 | 147 | .306 | 1.82 | .92 | 95.2 | 436.7 | 2.49 | 87 | 401 | 222 | 78 | 36 | |
| DF | 34 | 1 | 85 | 159 | .288 | 1.82 | .87 | 111.1 | 540.0 | 2.74 | 96 | 467 | 244 | 86 | 42 | |
| DF | 35 | 1 | 84 | 144 | .272 | 1.82 | .82 | 108.5 | 516.7 | 2.52 | 89 | 422 | 225 | 79 | 38 | |
| DF | 38 | 1 | 86 | 173 | .231 | 1.82 | .92 | 114.7 | 637.5 | 3.02 | 106 | 589 | 269 | 94 | 52 | |
| DF | Totals | 116 | 88 | 124 | 97.089 | 210.91 | 241.88 | 39.7 | 183.2 | 273.75 | 9,605 | 44,304 | 24,364 | 8,549 | 3,943 | |
| BM | 11 | 1 | 73 | 85 | 2.755 | 1.82 | 2.76 | 9.8 | 40.0 | .71 | 27 | 110 | 63 | 24 | 10 | |
| BM | 12 | 1 | 93 | 96 | 2.315 | 1.82 | 2.31 | 20.2 | 90.0 | 1.24 | 47 | 208 | 110 | 42 | 19 | |
| BM | 17 | 3 | 73 | 86 | 3.460 | 5.45 | 3.46 | 35.8 | 96.7 | 3.29 | 124 | 335 | 293 | 110 | 30 | |
| BM | 18 | 1 | 73 | 114 | 1.029 | 1.82 | 1.03 | 26.8 | 100.0 | .73 | 28 | 103 | 65 | 25 | 9 | |
| BM | Totals | 6 | 78 | 91 | 9.559 | 10.91 | 9.56 | 23.6 | 79.1 | 5.97 | 225 | 756 | 531 | 200 | 67 | |
| RA | 19 | 1 | 73 | 80 | .923 | 1.82 | 1.85 | 32.8 | 90.0 | 1.66 | 60 | 166 | 148 | 54 | 15 | |
| RA | Totals | 1 | 73 | 80 | .923 | 1.82 | 1.85 | 32.8 | 90.0 | 1.66 | 60 | 166 | 148 | 54 | 15 | |
| DF S | 14 | 1 | 88 | 110 | 1.701 | 1.82 | | | | | | | | | | |
| DF S | 18 | 1 | 89 | 120 | 1.029 | 1.82 | | | | | | | | | | |
| DF S | 20 | 1 | 88 | 92 | .833 | 1.82 | | | | | | | | | | |
| DF S | 24 | 1 | 89 | 140 | .579 | 1.82 | | | | | | | | | | |
| DF S | Totals | 4 | 88 | 113 | 4.142 | 7.27 | | | | | | | | | | |
| Totals | | 127 | 87 | 120 | 111.713 | 230.91 | 253.29 | 39.1 | 178.6 | 281.39 | 9,891 | 45,226 | 25,043 | 8,803 | 4,025 | |

| TC | | PLOGSTVB | | Log Stock Table - MBF | | | | | | | | | | | | | | | | |
|--------------------------------------|-----|----------------|------------|-----------------------|----------|------------------|----------|--|-----|-----|-----|-------|-------|-------|-------|-------|-------|-----------------------------|-----|--|
| <div>TT2N RR5W S17 Ty00MC89.00</div> | | | | Project: Acres | | DBLEPAR 89.00 | | Page Date Time | | | | | | | | | | 1 1/30/2023 1:17:54PM | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| S T | Spp | 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 | | 2M | 14 | 11 | | 11 | .3 | | | | | | | | | 11 | | | | |
| DF | | 2M | 40 | 2,765 | | 2,756 | 69.9 | | | | | 577 | | 600 | 1134 | 368 | 77 | | | |
| DF | | 3M | 20 | 1 | | 1 | .0 | | | | 1 | | | | | | | | | |
| DF | | 3M | 30 | 4 | | 4 | .1 | | | 4 | | | | | | | | | | |
| DF | | 3M | 32 | 15 | | 15 | .4 | | | 15 | | | | | | | | | | |
| DF | | 3M | 34 | 25 | | 25 | .6 | | | 25 | | | | | | | | | | |
| DF | | 3M | 36 | 43 | | 43 | 1.1 | | | 41 | 2 | | | | | | | | | |
| DF | | 3M | 38 | 28 | | 28 | .7 | | | 28 | | | | | | | | | | |
| DF | | 3M | 40 | 967 | | 964 | 24.4 | | | 148 | 259 | 556 | | | | | | | | |
| DF | | 4M | 14 | 9 | | 9 | .2 | | | 9 | | | | | | | | | | |
| DF | | 4M | 16 | 7 | | 7 | .2 | | | 7 | | | | | | | | | | |
| DF | | 4M | 18 | 7 | | 7 | .2 | | | 7 | | | | | | | | | | |
| DF | | 4M | 20 | 17 | | 17 | .4 | | | 17 | | | | | | | | | | |
| DF | | 4M | 22 | 3 | | 3 | .1 | | | 3 | | | | | | | | | | |
| DF | | 4M | 24 | 22 | | 22 | .5 | | | 22 | | | | | | | | | | |
| DF | | 4M | 26 | 18 | | 18 | .5 | | | 18 | | | | | | | | | | |
| DF | | 4M | 28 | 12 | | 12 | .3 | | | 12 | | | | | | | | | | |
| DF | | 4M | 30 | 2 | | 2 | .1 | | | 2 | | | | | | | | | | |
| DF | | Totals | | 3,954 | | 3,943 | 98.0 | | | 358 | 262 | 556 | 577 | 600 | 1134 | 379 | 77 | | | |
| BM | | CR | 24 | 19 | | 19 | 28.2 | | | 10 | | 9 | | | | | | | | |
| BM | | CR | 30 | 23 | | 23 | 33.6 | | | | | 23 | | | | | | | | |
| BM | | CR | 40 | 26 | | 26 | 38.2 | | | 7 | 19 | | | | | | | | | |
| BM | | Totals | | 67 | | 67 | 1.7 | | | 17 | 19 | 32 | | | | | | | | |
| RA | | CR | 16 | 2 | | 2 | 16.7 | | | 2 | | | | | | | | | | |
| RA | | CR | 40 | 12 | | 12 | 83.3 | | | | | 12 | | | | | | | | |
| RA | | Totals | | 15 | | 15 | .4 | | | 2 | | 12 | | | | | | | | |
| Total | | All Species | | 4,037 | | 4,025 | 100.0 | | | 377 | 280 | 601 | 577 | 600 | 1134 | 379 | 77 | | | |

| TC PSTATS | | | | PROJECT STATISTICS | | | | PAGE | 1 | | |
|--|------|-------|-------------------|--------------------|-----------|--------|-----------------|-----------|-----------|--------|-------|
| | | | | PROJECT | DBLEPAR | | DATE | 1/30/2023 | | | |
| TWP | RGE | SC | TRACT | TYPE | ACRES | | PLOTS | TREES | CuFt | BdFt | |
| T2N | R5 | 17 | 00U2 | Unit 2 | 00MC | 56.00 | 18 | 86 | S | W | |
| | | | | TREES | ESTIMATED | | PERCENT | | | | |
| | | | | PER PLOT | TOTAL | | SAMPLE | | | | |
| | | | | TREES | TREES | | TREES | | | | |
| TOTAL | | | 18 | 86 | 4.8 | | | | | | |
| CRUISE | | | 18 | 86 | 4.8 | 4,038 | 2.1 | | | | |
| DBH COUNT | | | | | | | | | | | |
| REFOREST | | | | | | | | | | | |
| COUNT | | | | | | | | | | | |
| 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 | | | 75 | 55.8 | 23.4 | 138 | 34.5 | 166.7 | 38,789 | 38,716 | 8,091 |
| DOUG FIR-S | | | 4 | 4.1 | 19.9 | 89 | 2.0 | 8.9 | | | |
| BL MAPLE | | | 5 | 6.0 | 18.5 | 130 | 2.6 | 11.1 | 2,839 | 2,839 | 569 |
| R ALDER | | | 2 | 6.2 | 11.5 | 63 | 1.3 | 4.4 | 400 | 400 | 96 |
| TOTAL | | | 86 | 72.1 | 22.0 | 128 | 40.7 | 191.1 | 42,028 | 41,956 | 8,757 |
| 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 | | | 52.4 | 6.0 | 797 | 848 | 899 | | | | |
| DOUG FIR-S | | | | | | | | | | | |
| BL MAPLE | | | 31.6 | 15.7 | 427 | 506 | 585 | | | | |
| R ALDER | | | 10.9 | 10.2 | 58 | 65 | 72 | | | | |
| TOTAL | | | 61.2 | 6.6 | 720 | 770 | 821 | 150 | 37 | 17 | |
| 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 | | | 46.1 | 5.3 | 164 | 173 | 183 | | | | |
| DOUG FIR-S | | | | | | | | | | | |
| BL MAPLE | | | 29.4 | 14.6 | 86 | 101 | 116 | | | | |
| R ALDER | | | 17.1 | 16.0 | 13 | 16 | 18 | | | | |
| TOTAL | | | 55.5 | 6.0 | 148 | 157 | 167 | 123 | 31 | 14 | |
| 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 | | | 52.8 | 12.8 | 49 | 56 | 63 | | | | |
| DOUG FIR-S | | | 232.6 | 56.4 | 2 | 4 | 6 | | | | |
| BL MAPLE | | | 424.3 | 102.8 | | 6 | 12 | | | | |
| R ALDER | | | 292.3 | 70.8 | 2 | 6 | 11 | | | | |
| TOTAL | | | 35.4 | 8.6 | 66 | 72 | 78 | 53 | 13 | 6 | |
| 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 | | | 42.2 | 10.2 | 150 | 167 | 184 | | | | |
| DOUG FIR-S | | | 246.7 | 59.8 | 4 | 9 | 14 | | | | |
| BL MAPLE | | | 424.3 | 102.8 | | 11 | 23 | | | | |
| R ALDER | | | 291.0 | 70.5 | 1 | 4 | 8 | | | | |
| TOTAL | | | 28.3 | 6.9 | 178 | 191 | 204 | 34 | 8 | 4 | |
| 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 | | | 47.8 | 11.6 | 34,235 | 38,716 | 43,198 | | | | |
| DOUG FIR-S | | | | | | | | | | | |
| BL MAPLE | | | 424.3 | 102.8 | | 2,839 | 5,758 | | | | |
| R ALDER | | | 291.1 | 70.5 | 118 | 400 | 682 | | | | |

| TC PSTATS | | | PROJECT STATISTICS | | | | | | | PAGE | 2 |
|------------|------|----|--------------------|------------------|---------|--------|--------|-----------------|-------|-----------|------|
| | | | PROJECT | | DBLEPAR | | | DATE | | 1/30/2023 | |
| TWP | RGE | SC | TRACT | TYPE | | ACRES | | PLOTS | TREES | CuFt | BdFt |
| T2N | R5 | 17 | 00U2 | 00MC | | 56.00 | | 18 | 86 | 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 | | | 40.4 | 9.8 | 37,844 | 41,956 | 46,067 | 69 | 17 | 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 | | | 44.9 | 10.9 | 7,212 | 8,091 | 8,970 | | | | |
| DOUG FIR-S | | | | | | | | | | | |
| BL MAPLE | | | 424.3 | 102.8 | | 569 | 1,155 | | | | |
| R ALDER | | | 291.2 | 70.6 | 28 | 96 | 164 | | | | |
| TOTAL | | | 37.0 | 9.0 | 7,973 | 8,757 | 9,541 | 58 | 14 | 6 | |

| TC | | PSPCSTGR | | Species, Sort Grade - Board Foot Volumes (Project) | | | | | | | | | | | | | | | | | |
|--------------------------------------|---------|----------|----|--|------------------|--------|--------|------------------|----------------------------------|-------|-------|-------|------------|----|-----|----------------|-------------|-----------|----------|-----------|----------------------|
| <div>TT2N RR5W S17 Ty00MC56.00</div> | | | | Project: DBLEPAR | | | | | | | | | | | | Page 1 | | | | | |
| | | | | Acres 56.00 | | | | | | | | | | | | Date 1/30/2023 | | | | | |
| | | | | | | | | | | | | | | | | Time 1:21:13PM | | | | | |
| S Spp | So T | Gr rt | ad | % Net BdFt | Bd. Ft. per Acre | | | 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 | | CU | | | | | | | | | | | | | | 1 | 9 | | 0.00 | 3.5 | |
| DF | | 2M | | 78 | .2 | 30,606 | 30,540 | 1,710 | | | 42 | 58 | | | 100 | 40 | 16 | 425 | 2.06 | 71.9 | |
| DF | | 3M | | 20 | .1 | 7,433 | 7,426 | 416 | | 91 | 9 | | | 0 | 4 | 39 | 9 | 117 | 0.78 | 63.7 | |
| DF | | 4M | | 2 | | 750 | 750 | 42 | | 100 | | | 44 | 56 | | 20 | 6 | 25 | 0.38 | 29.6 | |
| DF Totals | | | | 92 | .2 | 38,789 | 38,716 | 2,168 | | 19 | 34 | 46 | 1 | 1 | 1 | 97 | 35 | 11 | 229 | 1.36 | 168.8 |
| DF | S | | CU | | | | | | | | | | | | | 31 | 10 | | 0.00 | 9.1 | |
| DF Totals | | | | | | | | | | | | | | | | 31 | 10 | | 0.00 | 9.1 | |
| BM | | CR | | 100 | | 2,839 | 2,839 | 159 | | 29 | 57 | 14 | 1 | 4 | | 35 | 11 | 174 | 1.00 | 16.3 | |
| BM Totals | | | | 7 | | 2,839 | 2,839 | 159 | | 29 | 57 | 14 | 1 | 4 | | 35 | 11 | 174 | 1.00 | 16.3 | |
| RA | | CR | | 100 | | 400 | 400 | 22 | | 100 | | | | 50 | 50 | 36 | 7 | 65 | 0.43 | 6.2 | |
| RA Totals | | | | 1 | | 400 | 400 | 22 | | 100 | | | | 50 | 50 | 36 | 7 | 65 | 0.43 | 6.2 | |
| Totals | | | | | 0.2 | 42,028 | 41,956 | 2,350 | | 21 | 36 | 43 | 1 | 1 | 1 | 97 | 35 | 11 | 209 | 1.24 | 200.4 |

| TC | | PSTNDSUM | | Stand Table Summary | | | | | | | | | | Page | | 1 | |
|----------------------|---|----------|-----------------|---------------------|----------------|-------------|--------------|-------------|---------------|---------------|-----------------------|-----------------------|---------------|--------|-----------|-----------|--|
| | | | | | | | | | | | | | | Date: | | 1/30/2023 | |
| TT2N RR5W S17 Ty00MC | | | | | 56.00 | | Project | | DBLEPAR | | | | Time: | | 1:21:14PM | | |
| | | | | | | | Acres | | 56.00 | | | | Grown Year: | | | | |
| S Spec | T | Tot | | | Trees/ Acre | BA/ Acre | Logs Acre | Average Log | | Tons/ Acre | Net Cu.Ft. Acre | Net Bd.Ft. Acre | Totals | | | | |
| | | DBH | Sample Trees | FF 16' | | | | Av Ht | Net Cu.Ft. | | | | Net Bd.Ft. | Tons | Cunits | MBF | |
| DF | | 15 | 1 | 88 | 106 | 1.811 | 2.22 | 3.62 | 22.4 | 100.0 | 2.32 | 81 | 362 | 130 | 46 | 20 | |
| DF | | 16 | 1 | 89 | 120 | 1.592 | 2.22 | 3.18 | 28.1 | 125.0 | 2.55 | 90 | 398 | 143 | 50 | 22 | |
| DF | | 17 | 2 | 90 | 140 | 2.820 | 4.44 | 8.46 | 25.0 | 115.0 | 6.02 | 211 | 973 | 337 | 118 | 54 | |
| DF | | 18 | 1 | 90 | 121 | 1.258 | 2.22 | 3.77 | 24.4 | 100.0 | 2.62 | 92 | 377 | 147 | 52 | 21 | |
| DF | | 19 | 5 | 89 | 127 | 5.643 | 11.11 | 15.80 | 30.2 | 129.3 | 13.58 | 477 | 2,043 | 761 | 267 | 114 | |
| DF | | 20 | 7 | 88 | 128 | 7.130 | 15.56 | 20.37 | 33.6 | 146.0 | 19.52 | 685 | 2,974 | 1,093 | 384 | 167 | |
| DF | | 21 | 5 | 87 | 135 | 4.619 | 11.11 | 13.86 | 37.6 | 172.7 | 14.86 | 521 | 2,393 | 832 | 292 | 134 | |
| DF | | 22 | 4 | 88 | 137 | 3.367 | 8.89 | 10.10 | 41.3 | 189.2 | 11.88 | 417 | 1,911 | 666 | 234 | 107 | |
| DF | | 23 | 6 | 89 | 141 | 4.621 | 13.33 | 13.86 | 46.5 | 216.1 | 18.36 | 644 | 2,996 | 1,028 | 361 | 168 | |
| DF | | 24 | 8 | 89 | 135 | 5.659 | 17.78 | 16.98 | 49.8 | 230.8 | 24.11 | 846 | 3,919 | 1,350 | 474 | 219 | |
| DF | | 25 | 3 | 89 | 141 | 1.956 | 6.67 | 5.87 | 56.6 | 268.9 | 9.46 | 332 | 1,578 | 530 | 186 | 88 | |
| DF | | 26 | 3 | 89 | 150 | 1.808 | 6.67 | 5.42 | 63.8 | 317.8 | 9.87 | 346 | 1,724 | 552 | 194 | 97 | |
| DF | | 27 | 6 | 88 | 150 | 3.353 | 13.33 | 10.62 | 64.5 | 316.8 | 19.53 | 685 | 3,365 | 1,094 | 384 | 188 | |
| DF | | 28 | 7 | 88 | 153 | 3.638 | 15.56 | 11.43 | 70.4 | 364.5 | 22.93 | 804 | 4,168 | 1,284 | 451 | 233 | |
| DF | | 29 | 2 | 88 | 145 | .969 | 4.44 | 2.91 | 76.7 | 381.7 | 6.36 | 223 | 1,109 | 356 | 125 | 62 | |
| DF | | 30 | 5 | 86 | 152 | 2.264 | 11.11 | 7.70 | 74.1 | 374.7 | 16.25 | 570 | 2,884 | 910 | 319 | 161 | |
| DF | | 31 | 2 | 87 | 157 | .848 | 4.44 | 2.54 | 90.7 | 463.3 | 6.58 | 231 | 1,179 | 368 | 129 | 66 | |
| DF | | 32 | 1 | 88 | 151 | .398 | 2.22 | 1.19 | 96.8 | 496.7 | 3.29 | 115 | 593 | 184 | 65 | 33 | |
| DF | | 33 | 2 | 87 | 162 | .748 | 4.44 | 2.62 | 93.6 | 500.0 | 6.99 | 245 | 1,309 | 391 | 137 | 73 | |
| DF | | 34 | 2 | 88 | 158 | .705 | 4.44 | 2.47 | 95.2 | 495.7 | 6.69 | 235 | 1,223 | 375 | 132 | 68 | |
| DF | | 35 | 1 | 87 | 166 | .333 | 2.22 | 1.33 | 93.6 | 520.0 | 3.55 | 125 | 692 | 199 | 70 | 39 | |
| DF | | 37 | 1 | 80 | 170 | .298 | 2.22 | 1.19 | 96.6 | 460.0 | 3.28 | 115 | 548 | 183 | 64 | 31 | |
| DF | | Totals | 75 | 88 | 138 | 55.836 | 166.67 | 165.30 | 48.9 | 234.2 | 230.60 | 8,091 | 38,716 | 12,913 | 4,531 | 2,168 | |
| BM | | 16 | 1 | 95 | 124 | 1.592 | 2.22 | 3.18 | 31.5 | 145.0 | 2.65 | 100 | 462 | 149 | 56 | 26 | |
| BM | | 18 | 2 | 94 | 132 | 2.515 | 4.44 | 7.55 | 30.5 | 153.3 | 6.10 | 230 | 1,157 | 341 | 129 | 65 | |
| BM | | 20 | 1 | 94 | 132 | 1.019 | 2.22 | 3.06 | 39.5 | 206.7 | 3.20 | 121 | 632 | 179 | 68 | 35 | |
| BM | | 22 | 1 | 94 | 134 | .842 | 2.22 | 2.53 | 46.8 | 233.3 | 3.14 | 118 | 589 | 176 | 66 | 33 | |
| BM | | Totals | 5 | 94 | 130 | 5.967 | 11.11 | 16.31 | 34.9 | 174.1 | 15.09 | 569 | 2,839 | 845 | 319 | 159 | |
| RA | | 11 | 1 | 88 | 63 | 3.367 | 2.22 | 3.37 | 13.8 | 60.0 | 1.28 | 47 | 202 | 72 | 26 | 11 | |
| RA | | 12 | 1 | 89 | 64 | 2.829 | 2.22 | 2.83 | 17.6 | 70.0 | 1.37 | 50 | 198 | 77 | 28 | 11 | |
| RA | | Totals | 2 | 88 | 63 | 6.197 | 4.44 | 6.20 | 15.6 | 64.6 | 2.65 | 96 | 400 | 148 | 54 | 22 | |
| DF S | | 17 | 1 | 88 | 115 | 1.410 | 2.22 | | | | | | | | | | |
| DF S | | 19 | 1 | 89 | 105 | 1.129 | 2.22 | | | | | | | | | | |
| DF S | | 20 | 1 | 85 | 61 | 1.019 | 2.22 | | | | | | | | | | |
| DF S | | 27 | 1 | 78 | 42 | .559 | 2.22 | | | | | | | | | | |
| DF S | | Totals | 4 | 86 | 89 | 4.116 | 8.89 | | | | | | | | | | |
| Totals | | 86 | 89 | 128 | | 72.116 | 191.11 | 187.81 | 46.6 | 223.4 | 248.33 | 8,757 | 41,956 | 13,907 | 4,904 | 2,350 | |

| TC PLOGSTVB | | Log Stock Table - MBF | | | | | | | | | | | | | | | | | |
|----------------------------|----------------|-----------------------|--------------|---------------------------------|------------|----------|--|-----|-----|-----|-------|-------|-------|--|-------|-------|-------|-----|--|
| TT2N RR5W S17 Ty00MC 56.00 | | | | Project: DBLEPAR Acres 56.00 | | | | | | | | | | Page 1 Date 1/30/2023 Time 1:21:12PM | | | | | |
| S T Spp | 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 | 2M | 40 | 1,714 | | 1,710 | 78.9 | | | | | 220 | | 389 | 624 | 357 | 120 | | | |
| DF | 3M | 30 | 1 | | 1 | .1 | | | 1 | | | | | | | | | | |
| DF | 3M | 32 | 3 | | 3 | .1 | | | 3 | | | | | | | | | | |
| DF | 3M | 34 | 13 | | 13 | .6 | | | 13 | | | | | | | | | | |
| DF | 3M | 36 | 6 | | 6 | .3 | | | 6 | | | | | | | | | | |
| DF | 3M | 38 | 9 | | 9 | .4 | | | 9 | | | | | | | | | | |
| DF | 3M | 40 | 385 | | 384 | 17.7 | | | 31 | 133 | 184 | 36 | | | | | | | |
| DF | 4M | 12 | 2 | | 2 | .1 | | | 2 | 0 | | | | | | | | | |
| DF | 4M | 14 | 6 | | 6 | .3 | | | 5 | 1 | | | | | | | | | |
| DF | 4M | 16 | 5 | | 5 | .2 | | | 5 | 1 | | | | | | | | | |
| DF | 4M | 18 | 3 | | 3 | .1 | | | 3 | | | | | | | | | | |
| DF | 4M | 20 | 2 | | 2 | .1 | | | 2 | | | | | | | | | | |
| DF | 4M | 22 | 5 | | 5 | .3 | | | 5 | | | | | | | | | | |
| DF | 4M | 24 | 6 | | 6 | .3 | | | 6 | | | | | | | | | | |
| DF | 4M | 26 | 2 | | 2 | .1 | | | 2 | | | | | | | | | | |
| DF | 4M | 28 | 4 | | 4 | .2 | | | 4 | | | | | | | | | | |
| DF | 4M | 30 | 6 | | 6 | .3 | | | 6 | | | | | | | | | | |
| DF | Totals | | 2,172 | | 2,168 | 92.3 | | | 103 | 135 | 184 | 256 | 389 | 624 | 357 | 120 | | | |
| BM | CR | 16 | 2 | | 2 | 1.3 | | | 2 | | | | | | | | | | |
| BM | CR | 22 | 5 | | 5 | 3.2 | | | 5 | | | | | | | | | | |
| BM | CR | 26 | 2 | | 2 | 1.2 | | | 2 | | | | | | | | | | |
| BM | CR | 40 | 150 | | 150 | 94.3 | | | | 16 | 21 | 27 | 41 | 45 | | | | | |
| BM | Totals | | 159 | | 159 | 6.8 | | | 9 | 16 | 21 | 27 | 41 | 45 | | | | | |
| RA | CR | 34 | 11 | | 11 | 50.5 | | | 11 | | | | | | | | | | |
| RA | CR | 38 | 11 | | 11 | 49.5 | | | 11 | | | | | | | | | | |
| RA | Totals | | 22 | | 22 | 1.0 | | | 22 | | | | | | | | | | |
| Total | All Species | | 2,354 | | 2,350 | 100.0 | | | 135 | 151 | 205 | 283 | 430 | 668 | 357 | 120 | | | |

| TC PSTATS | | | | PROJECT STATISTICS | | | | | PAGE | 1 | | |
|--|------|-------|-------------------|--------------------|-----------|---------|--------|-----------------|--------|-----------|-------|-----------|
| | | | | PROJECT | DBLEPAR | | | | | | DATE | 1/30/2023 |
| TWP | RGE | SC | TRACT | TYPE | ACRES | PLOTS | TREES | CuFt | BdFt | | | |
| T2N | R5 | 17 | 00U1 | Combined | 00MC | 145.00 | 40 | 213 | S | W | | |
| T2N | R5W | 17 | 00U2 | | 00MC | | | | | | | |
| | | | | | | | | | | | | |
| | | | | TREES | ESTIMATED | PERCENT | | | | | | |
| | | | | PER PLOT | TOTAL | SAMPLE | | | | | | |
| | | | | TREES | TREES | TREES | | | | | | |
| TOTAL | | | 40 | 213 | 5.3 | | | | | | | |
| CRUISE | | | 40 | 213 | 5.3 | 13,981 | 1.5 | | | | | |
| DBH COUNT | | | | | | | | | | | | |
| REFOREST | | | | | | | | | | | | |
| COUNT | | | | | | | | | | | | |
| 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 | | | 191 | 81.2 | 20.9 | 127 | 42.4 | 193.8 | 42,253 | 42,146 | 9,021 | 9,021 |
| DOUG FIR-S | | | 8 | 4.1 | 18.7 | 104 | 1.8 | 7.9 | | | | |
| BL MAPLE | | | 11 | 8.2 | 15.7 | 102 | 2.8 | 11.0 | 1,561 | 1,561 | 358 | 358 |
| R ALDER | | | 3 | 3.0 | 13.2 | 67 | 0.8 | 2.8 | 257 | 257 | 74 | 74 |
| TOTAL | | | 213 | 96.4 | 20.2 | 122 | 47.9 | 215.5 | 44,070 | 43,963 | 9,453 | 9,453 |
| 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 | | | 58.5 | 4.2 | 696 | 726 | 757 | | | | | |
| DOUG FIR-S | | | | | | | | | | | | |
| BL MAPLE | | | 87.3 | 27.6 | 201 | 277 | 354 | | | | | |
| R ALDER | | | 64.4 | 44.6 | 57 | 103 | 149 | | | | | |
| TOTAL | | | 66.5 | 4.6 | 637 | 667 | 698 | 177 | 44 | 20 | | |
| 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 | | | 52.2 | 3.8 | 146 | 152 | 158 | | | | | |
| DOUG FIR-S | | | | | | | | | | | | |
| BL MAPLE | | | 71.5 | 22.6 | 47 | 61 | 75 | | | | | |
| R ALDER | | | 89.2 | 61.7 | 12 | 32 | 52 | | | | | |
| TOTAL | | | 60.2 | 4.1 | 134 | 140 | 146 | 145 | 36 | 16 | | |
| 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 | | | 73.7 | 11.6 | 72 | 81 | 91 | | | | | |
| DOUG FIR-S | | | 257.3 | 40.7 | 2 | 4 | 6 | | | | | |
| BL MAPLE | | | 312.0 | 49.3 | 4 | 8 | 12 | | | | | |
| R ALDER | | | 374.0 | 59.1 | 1 | 3 | 5 | | | | | |
| TOTAL | | | 63.6 | 10.0 | 87 | 96 | 106 | 162 | 40 | 18 | | |
| 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 | | | 42.0 | 6.6 | 181 | 194 | 207 | | | | | |
| DOUG FIR-S | | | 260.7 | 41.2 | 5 | 8 | 11 | | | | | |
| BL MAPLE | | | 321.1 | 50.7 | 5 | 11 | 17 | | | | | |
| R ALDER | | | 358.8 | 56.7 | 1 | 3 | 4 | | | | | |
| TOTAL | | | 39.8 | 6.3 | 202 | 216 | 229 | 63 | 16 | 7 | | |
| CL | 68.1 | COEFF | NET BF/ACRE | | | | | # OF PLOTS REQ. | | INF. POP. | | |
| SD: | 1.0 | VAR.% | S.E.% | LOW | AVG | HIGH | | | 5 | 10 | 15 | |
| DOUG FIR | | | 42.2 | 6.7 | 39,339 | 42,146 | 44,953 | | | | | |
| DOUG FIR-S | | | | | | | | | | | | |
| BL MAPLE | | | 451.5 | 71.3 | 448 | 1,561 | 2,674 | | | | | |
| R ALDER | | | 359.2 | 56.8 | 111 | 257 | 402 | | | | | |

| TC PSTATS | | PROJECT STATISTICS | | | | | | | PAGE | 2 |
|------------|------|--------------------|-------|---------|------------------|--------|--------|-----------------|------|-----------|
| | | PROJECT | | DBLEPAR | | | | | DATE | 1/30/2023 |
| TWP | RGE | SC | TRACT | TYPE | ACRES | | PLOTS | TREES | CuFt | BdFt |
| T2N | R5 | 17 | 00U1 | 00MC | 145.00 | | 40 | 213 | S | W |
| T2N | R5W | 17 | 00U2 | 00MC | | | | | | |
| 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 | | | 38.5 | 6.1 | 41,286 | 43,963 | 46,640 | 59 | 15 | 7 |
| 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 | | | 41.7 | 6.6 | 8,427 | 9,021 | 9,614 | | | |
| DOUG FIR-S | | | | | | | | | | |
| BL MAPLE | | | 401.6 | 63.5 | 131 | 358 | 585 | | | |
| R ALDER | | | 378.9 | 59.9 | 30 | 74 | 119 | | | |
| TOTAL | | | 38.0 | 6.0 | 8,886 | 9,453 | 10,020 | 58 | 14 | 6 |

| TC | | PSPCSTGR | | Species, Sort Grade - Board Foot Volumes (Project) | | | | | | | | | | | | | | | | | | |
|---|--------|----------|----------|--|------------------|--------|--------|------------------|----------------------------------|------|-------|-----|------------|----------------|-------|-------|-------------|-----------|----------|-----------|----------------------|-------|
| <div><div>TT2N RR5W S17 Ty00MC89.00</div><div>TT2N RR5W S17 Ty00MC56.00</div></div> | | | | Project: DBLEPAR | | | | | | | | | | Page 1 | | | | | | | | |
| | | | | Acres 145.00 | | | | | | | | | | Date 1/30/2023 | | | | | | | | |
| | | | | Time 1:23:40PM | | | | | | | | | | | | | | | | | | |
| Spp | S T | So rt | Gr ad | % Net BdFt | Bd. Ft. per Acre | | | Total Net MBF | Percent of Net Board Foot Volume | | | | | | | | Average Log | | | | Logs Per /Acre | |
| | | | | | 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 | | | CU | | | | | | | | | | | | | | 4 | 13 | | 0.00 | 3.0 | |
| DF | | | 2M | 73 | .3 | 30,960 | 30,877 | 4,477 | | | | 48 | 52 | 0 | | 100 | 40 | 16 | 391 | 1.95 | 79.1 | |
| DF | | | 3M | 24 | .2 | 10,332 | 10,308 | 1,495 | | | 98 | 2 | | 0 | 0 | 4 | 96 | 39 | 8 | 108 | 0.70 | 95.1 |
| DF | | | 4M | 3 | | 961 | 961 | 139 | | | 100 | | | 42 | 58 | | 21 | 6 | 25 | 0.35 | 38.1 | |
| DF Totals | | | | 96 | .3 | 42,253 | 42,146 | 6,111 | | 26 | 36 | 38 | | 1 | 1 | 1 | 97 | 36 | 11 | 196 | 1.17 | 215.3 |
| DF | S | | CU | | | | | | | | | | | | | | 33 | 10 | | 0.00 | 9.6 | |
| DF Totals | | | | | | | | | | | | | | | | | 33 | 10 | | 0.00 | 9.6 | |
| BM | | | CU | | | | | | | | | | | | | | 12 | 9 | | 0.00 | 8.8 | |
| BM | | | CR | 100 | | 1,561 | 1,561 | 226 | | 50 | 40 | 10 | | 1 | 21 | 78 | 33 | 10 | 128 | 0.89 | 12.2 | |
| BM Totals | | | | 4 | | 1,561 | 1,561 | 226 | | 50 | 40 | 10 | | 1 | 21 | 78 | 24 | 9 | 74 | 0.70 | 21.0 | |
| RA | | | CR | 100 | | 257 | 257 | 37 | | 100 | | | | 7 | | 30 | 63 | 33 | 7 | 73 | 0.63 | 3.5 |
| RA Totals | | | | 1 | | 257 | 257 | 37 | | 100 | | | | 7 | | 30 | 63 | 33 | 7 | 73 | 0.63 | 3.5 |
| Totals | | | | | 0.2 | 44,070 | 43,963 | 6,375 | | 27 | 36 | 37 | | 1 | 2 | 1 | 96 | 35 | 10 | 176 | 1.10 | 249.4 |

| TC | | PSTNDSUM | | Stand Table Summary | | | | | | | | | | Page | | 1 | |
|---|---|---------------|-----------|---------------------|----------------|-------------|--------------|---------------|---------------|---------------|-----------------------|-----------------------|-------------|-----------|--------|-----------|--|
| | | | | | | | | | | | | | | Date: | | 1/30/2023 | |
| <div>TT2N RR5W S17 Ty00MC89.00</div> <div>TT2N RR5W S17 Ty00MC56.00</div> | | | | Project | | | | DBLEPAR | | | | Time: | | 1:23:41PM | | | |
| | | | | Acres | | | | 145.00 | | | | Grown Year: | | | | | |
| S Spec | T | 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 | | | | |
| | | Sample DBH | FF 16' | Av Ht | | | | Net Cu.Ft. | Net Bd.Ft. | | | | Tons | Cunits | MBF | | |
| DF | | 8 | 1 | 85 | 68 | 3.197 | 1.12 | 3.20 | 4.6 | 20.0 | .42 | 15 | 64 | 61 | 21 | 9 | |
| DF | | 9 | 1 | 83 | 56 | 2.526 | 1.12 | 2.53 | 6.5 | 30.0 | .47 | 17 | 76 | 68 | 24 | 11 | |
| DF | | 13 | 2 | 89 | 114 | 2.421 | 2.23 | 4.84 | 16.7 | 75.0 | 2.31 | 81 | 363 | 335 | 118 | 53 | |
| DF | | 14 | 3 | 89 | 123 | 3.132 | 3.35 | 6.26 | 21.3 | 100.0 | 3.81 | 134 | 626 | 552 | 194 | 91 | |
| DF | | 15 | 10 | 89 | 115 | 8.884 | 10.90 | 17.77 | 23.3 | 105.1 | 11.79 | 414 | 1,868 | 1,709 | 600 | 271 | |
| DF | | 16 | 2 | 88 | 120 | 1.414 | 1.97 | 2.83 | 28.1 | 125.0 | 2.27 | 80 | 353 | 329 | 115 | 51 | |
| DF | | 17 | 8 | 88 | 125 | 5.337 | 8.41 | 13.89 | 25.4 | 111.7 | 10.05 | 353 | 1,551 | 1,457 | 511 | 225 | |
| DF | | 18 | 8 | 88 | 127 | 4.906 | 8.67 | 13.46 | 27.6 | 121.1 | 10.59 | 371 | 1,630 | 1,535 | 539 | 236 | |
| DF | | 19 | 11 | 88 | 119 | 5.580 | 10.99 | 14.60 | 30.6 | 128.1 | 12.73 | 447 | 1,872 | 1,845 | 647 | 271 | |
| DF | | 20 | 13 | 89 | 132 | 5.823 | 12.70 | 17.08 | 33.6 | 147.9 | 16.34 | 573 | 2,525 | 2,370 | 831 | 366 | |
| DF | | 21 | 13 | 88 | 134 | 5.496 | 13.22 | 16.49 | 37.3 | 170.0 | 17.52 | 615 | 2,803 | 2,541 | 891 | 406 | |
| DF | | 22 | 10 | 89 | 138 | 3.837 | 10.13 | 11.51 | 41.9 | 194.1 | 13.75 | 482 | 2,235 | 1,993 | 699 | 324 | |
| DF | | 23 | 12 | 87 | 136 | 4.105 | 11.85 | 12.32 | 46.0 | 209.8 | 16.15 | 567 | 2,584 | 2,341 | 822 | 375 | |
| DF | | 24 | 20 | 88 | 142 | 6.448 | 20.26 | 19.70 | 50.5 | 233.7 | 28.33 | 994 | 4,604 | 4,108 | 1,441 | 668 | |
| DF | | 25 | 13 | 88 | 140 | 4.029 | 13.73 | 12.09 | 55.2 | 256.5 | 19.00 | 667 | 3,101 | 2,755 | 967 | 450 | |
| DF | | 26 | 11 | 87 | 144 | 3.120 | 11.50 | 9.36 | 59.8 | 283.3 | 15.95 | 560 | 2,651 | 2,312 | 811 | 384 | |
| DF | | 27 | 12 | 87 | 150 | 2.979 | 11.85 | 9.15 | 66.5 | 322.0 | 17.33 | 608 | 2,947 | 2,514 | 882 | 427 | |
| DF | | 28 | 11 | 88 | 154 | 2.449 | 10.47 | 7.81 | 69.4 | 352.2 | 15.44 | 542 | 2,750 | 2,239 | 786 | 399 | |
| DF | | 29 | 5 | 87 | 142 | 1.104 | 5.06 | 3.31 | 74.7 | 366.6 | 7.06 | 248 | 1,214 | 1,023 | 359 | 176 | |
| DF | | 30 | 9 | 85 | 150 | 1.784 | 8.76 | 5.70 | 77.5 | 382.4 | 12.59 | 442 | 2,180 | 1,825 | 640 | 316 | |
| DF | | 31 | 4 | 87 | 153 | .753 | 3.95 | 2.26 | 89.5 | 456.7 | 5.77 | 202 | 1,032 | 836 | 293 | 150 | |
| DF | | 32 | 2 | 86 | 150 | .353 | 1.97 | 1.06 | 96.2 | 477.8 | 2.91 | 102 | 507 | 422 | 148 | 73 | |
| DF | | 33 | 3 | 86 | 156 | .477 | 2.83 | 1.58 | 94.2 | 477.3 | 4.23 | 148 | 752 | 613 | 215 | 109 | |
| DF | | 34 | 3 | 87 | 158 | .449 | 2.83 | 1.48 | 100.9 | 511.6 | 4.27 | 150 | 759 | 619 | 217 | 110 | |
| DF | | 35 | 2 | 85 | 154 | .295 | 1.97 | 1.01 | 101.0 | 518.4 | 2.92 | 102 | 526 | 423 | 149 | 76 | |
| DF | | 37 | 1 | 80 | 170 | .115 | .86 | .46 | 96.6 | 460.0 | 1.27 | 44 | 211 | 183 | 64 | 31 | |
| DF | | 38 | 1 | 86 | 173 | .142 | 1.12 | .57 | 114.7 | 637.5 | 1.85 | 65 | 361 | 269 | 94 | 52 | |
| DF | | Totals | 191 | 88 | 127 | 81.157 | 193.82 | 212.30 | 42.5 | 198.5 | 257.09 | 9,021 | 42,146 | 37,278 | 13,080 | 6,111 | |
| BM | | 11 | 1 | 73 | 85 | 1.691 | 1.12 | 1.69 | 9.8 | 40.0 | .44 | 16 | 68 | 63 | 24 | 10 | |
| BM | | 12 | 1 | 93 | 96 | 1.421 | 1.12 | 1.42 | 20.2 | 90.0 | .76 | 29 | 128 | 110 | 42 | 19 | |
| BM | | 16 | 1 | 95 | 124 | .615 | .86 | 1.23 | 31.5 | 145.0 | 1.03 | 39 | 178 | 149 | 56 | 26 | |
| BM | | 17 | 3 | 73 | 86 | 2.124 | 3.35 | 2.12 | 35.8 | 96.7 | 2.02 | 76 | 205 | 293 | 110 | 30 | |
| BM | | 18 | 3 | 86 | 125 | 1.603 | 2.83 | 3.55 | 29.8 | 143.8 | 2.80 | 106 | 510 | 406 | 153 | 74 | |
| BM | | 20 | 1 | 94 | 132 | .393 | .86 | 1.18 | 39.5 | 206.7 | 1.24 | 47 | 244 | 179 | 68 | 35 | |
| BM | | 22 | 1 | 94 | 134 | .325 | .86 | .98 | 46.8 | 233.3 | 1.21 | 46 | 228 | 176 | 66 | 33 | |
| BM | | Totals | 11 | 82 | 102 | 8.172 | 10.99 | 12.17 | 29.4 | 128.3 | 9.49 | 358 | 1,561 | 1,376 | 519 | 226 | |
| RA | | 11 | 1 | 88 | 63 | 1.300 | .86 | 1.30 | 13.8 | 60.0 | .49 | 18 | 78 | 72 | 26 | 11 | |
| RA | | 12 | 1 | 89 | 64 | 1.093 | .86 | 1.09 | 17.6 | 70.0 | .53 | 19 | 76 | 77 | 28 | 11 | |
| RA | | 19 | 1 | 73 | 80 | .567 | 1.12 | 1.13 | 32.8 | 90.0 | 1.02 | 37 | 102 | 148 | 54 | 15 | |
| RA | | Totals | 3 | 85 | 67 | 2.960 | 2.83 | 3.53 | 21.1 | 72.7 | 2.04 | 74 | 257 | 296 | 108 | 37 | |
| DF S | | 14 | 1 | 88 | 110 | 1.044 | 1.12 | | | | | | | | | | |
| DF S | | 17 | 1 | 88 | 115 | .544 | .86 | | | | | | | | | | |
| DF S | | 18 | 1 | 89 | 120 | .632 | 1.12 | | | | | | | | | | |
| DF S | | 19 | 1 | 89 | 105 | .436 | .86 | | | | | | | | | | |
| DF S | | 20 | 2 | 87 | 79 | .905 | 1.97 | | | | | | | | | | |
| DF S | | 24 | 1 | 89 | 140 | .355 | 1.12 | | | | | | | | | | |
| DF S | | 27 | 1 | 78 | 42 | .216 | .86 | | | | | | | | | | |
| DF S | | Totals | 8 | 88 | 104 | 4.132 | 7.90 | | | | | | | | | | |
| Totals | | | 213 | 87 | 122 | 96.421 | 215.54 | 228.00 | 41.5 | 192.8 | 268.62 | 9,453 | 43,963 | 38,950 | 13,707 | 6,375 | |

| TC | | PLOGSTVB | | Log Stock Table - MBF | | | | | | | | | | | | | | | | | |
|---|--------|------------------|----------|-----------------------|--------------|----------|------------|----------|--|-----|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-----|--|
| <div>TT2N RR5W S17 Ty00MC89.00</div> <div>TT2N RR5W S17 Ty00MC56.00</div> | | Project: DBLEPAR | | | | | | | | | | Page 1 | | | | | | | | | |
| | | Acres 145.00 | | | | | | | | | | Date 1/30/2023 | | | | | | | | | |
| | | Time 1:23:39PM | | | | | | | | | | | | | | | | | | | |
| 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 | | 2M | 14 | | 11 | | 11 | .2 | | | | | | | | 11 | | | | | |
| DF | | 2M | 40 | | 4,479 | | 4,467 | 73.1 | | | | | 797 | | 990 | 1758 | 725 | 198 | | | |
| DF | | 3M | 20 | | 1 | | 1 | .0 | | | 1 | | | | | | | | | | |
| DF | | 3M | 30 | | 5 | | 5 | .1 | | | 5 | | | | | | | | | | |
| DF | | 3M | 32 | | 18 | | 18 | .3 | | | 18 | | | | | | | | | | |
| DF | | 3M | 34 | | 37 | | 37 | .6 | | | 37 | | | | | | | | | | |
| DF | | 3M | 36 | | 49 | | 49 | .8 | | | 47 | 2 | | | | | | | | | |
| DF | | 3M | 38 | | 37 | | 37 | .6 | | | 37 | | | | | | | | | | |
| DF | | 3M | 40 | | 1,351 | | 1,348 | 22.1 | | | 180 | 392 | 741 | 36 | | | | | | | |
| DF | | 4M | 12 | | 2 | | 2 | .0 | | | 2 | 0 | | | | | | | | | |
| DF | | 4M | 14 | | 15 | | 15 | .3 | | | 15 | 1 | | | | | | | | | |
| DF | | 4M | 16 | | 12 | | 12 | .2 | | | 11 | 1 | | | | | | | | | |
| DF | | 4M | 18 | | 10 | | 10 | .2 | | | 10 | | | | | | | | | | |
| DF | | 4M | 20 | | 20 | | 20 | .3 | | | 20 | | | | | | | | | | |
| DF | | 4M | 22 | | 8 | | 8 | .1 | | | 8 | | | | | | | | | | |
| DF | | 4M | 24 | | 27 | | 27 | .4 | | | 27 | | | | | | | | | | |
| DF | | 4M | 26 | | 21 | | 21 | .3 | | | 21 | | | | | | | | | | |
| DF | | 4M | 28 | | 15 | | 15 | .3 | | | 15 | | | | | | | | | | |
| DF | | 4M | 30 | | 9 | | 9 | .1 | | | 9 | | | | | | | | | | |
| DF | | Totals | | | 6,127 | | 6,111 | 95.9 | | | 461 | 397 | 741 | 832 | 990 | 1758 | 736 | 198 | | | |
| BM | | CR | 16 | | 2 | | 2 | .9 | | | 2 | | | | | | | | | | |
| BM | | CR | 22 | | 5 | | 5 | 2.3 | | | 5 | | | | | | | | | | |
| BM | | CR | 24 | | 19 | | 19 | 8.4 | | | 10 | | 9 | | | | | | | | |
| BM | | CR | 26 | | 2 | | 2 | .8 | | | 2 | | | | | | | | | | |
| BM | | CR | 30 | | 23 | | 23 | 10.0 | | | | | 23 | | | | | | | | |
| BM | | CR | 40 | | 176 | | 176 | 77.6 | | | 7 | 35 | 21 | 27 | 41 | 45 | | | | | |
| BM | | Totals | | | 226 | | 226 | 3.5 | | | 26 | 35 | 53 | 27 | 41 | 45 | | | | | |
| RA | | CR | 16 | | 2 | | 2 | 6.6 | | | 2 | | | | | | | | | | |
| RA | | CR | 34 | | 11 | | 11 | 30.4 | | | 11 | | | | | | | | | | |
| RA | | CR | 38 | | 11 | | 11 | 29.8 | | | 11 | | | | | | | | | | |
| RA | | CR | 40 | | 12 | | 12 | 33.1 | | | | | 12 | | | | | | | | |
| RA | | Totals | | | 37 | | 37 | .6 | | | 25 | | 12 | | | | | | | | |
| Total | | All Species | | | 6,390 | | 6,375 | 100.0 | | | 512 | 432 | 806 | 859 | 1031 | 1802 | 736 | 198 | | | |

Volume Summary
(Shown in MBF)
Double Parked
FG-341-2023-W00883-01
March 2023

UNIT 1: MC (89 ACRES)

| SPECIES | | 2 SAW | 3 SAW | 4 SAW | Camp Run | TOTAL |
|----------------|------------------|--------------|--------------|--------------|-----------------|--------------|
| Douglas-fir | Cruise Volume | 2,756 | 1,075 | 97 | 0 | 3,928 |
| | Hidden D&B (2%) | (55) | (22) | (2) | (0) | (79) |
| | NET TOTAL | 2,701 | 1,053 | 95 | 0 | 3,849 |
| | % of Total | 70 | 27 | 3 | 0 | |
| Red alder | Cruise Volume | 0 | 0 | 0 | 15 | 15 |
| | Hidden D&B (5%) | (0) | (0) | (0) | (1) | (1) |
| | NET TOTAL | 0 | 0 | 0 | 14 | 14 |
| | % of Total | 0 | 0 | 0 | 100 | |

UNIT 2: MC (56 ACRES)

| SPECIES | | 2 SAW | 3 SAW | 4 SAW | Camp Run | TOTAL |
|----------------|------------------|--------------|--------------|--------------|-----------------|--------------|
| Douglas-fir | Cruise Volume | 1,710 | 416 | 42 | 0 | 2,168 |
| | Hidden D&B (2%) | (34) | (8) | (1) | (0) | (43) |
| | NET TOTAL | 1,676 | 408 | 41 | 0 | 2,125 |
| | % of Total | 79 | 19 | 2 | 0 | |
| Red alder | Cruise Volume | 0 | 0 | 0 | 22 | 22 |
| | Hidden D&B (5%) | (0) | (0) | (0) | (1) | (1) |
| | NET TOTAL | 0 | 0 | 0 | 21 | 21 |
| | % of Total | 0 | 0 | 0 | 100 | |

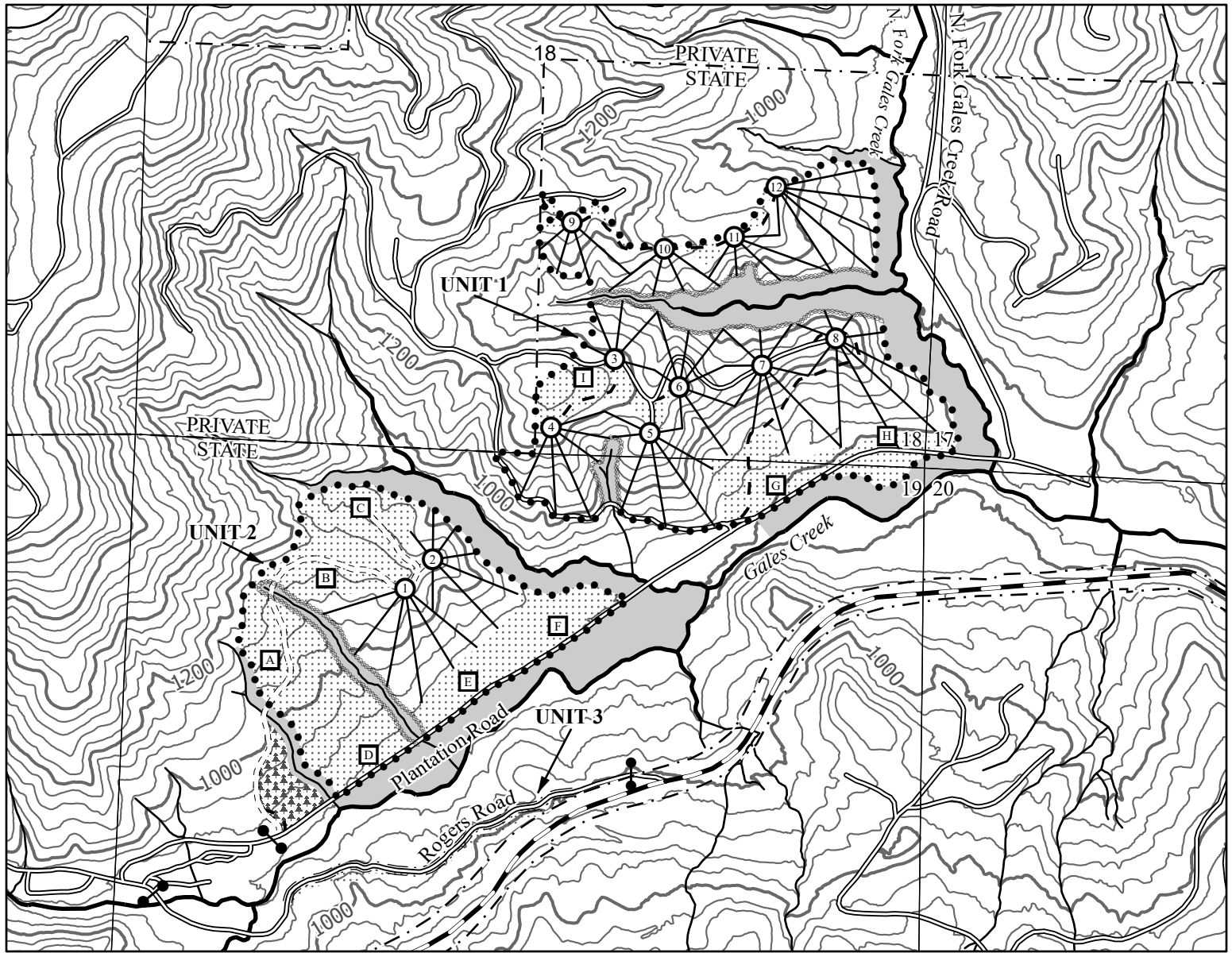
UNIT 3: R/W (2 ACRES)

| SPECIES | | 2 SAW | 3 SAW | 4 SAW | Camp Run | TOTAL |
|----------------|------------------|--------------|--------------|--------------|-----------------|--------------|
| Douglas-fir | Cruise Volume | 21 | 7 | 1 | 0 | 29 |
| | Hidden D&B (2%) | (0) | (0) | (0) | (0) | (0) |
| | NET TOTAL | 21 | 7 | 1 | 0 | 29 |
| | % of Total | 73 | 24 | 3 | 0 | |

| SALE TOTAL | | | | | | |
|-------------------|--------------|--------------|--------------|-----------------|--------------|--|
| SPECIES | 2 SAW | 3 SAW | 4 SAW | Camp Run | TOTAL | |
| Douglas-fir | 4,398 | 1,468 | 137 | 0 | 6,003 | |
| Red alder | 0 | 0 | 0 | 35 | 35 | |
| TOTAL | 4,398 | 1,468 | 137 | 35 | 6,038 | |

*Douglas-fir 2 Saw volume removed from the Timber Sale Area for Stream Enhancement.

**Douglas-fir 2 Saw and 3 Saw volume removed from Unit 1 for Scenic Enhancement.



Legend

- • • Timber Sale Boundary
- ~~~~~ Stream Buffer Boundary
- - - Right-of-Way Boundary
- . - . ODF Ownership Boundary
- = = = Unsurfaced Road
- Surfed Road
- Paved Road
- - - New Road Construction
- • • Gates
- Type-F Stream
- Type-N Stream
- Stream Buffer
- ▨ Cable Yarding Area
- ▨ Tractor Yarding Area
- Cable Landing
- Tractor Landing
- ▨ Green Tree Retention Area
- Section Lines
- 40 Foot Contour Band
- 200 Foot Contour Band

LOGGING PLAN

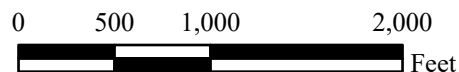
FOR TIMBER SALE CONTRACT #FG-341-2023-W00883-01
DOUBLE PARKED
PORTIONS OF SECTIONS 17, 18, 19 & 20, T2N, R5W, W.M.
WASHINGTON COUNTY, OREGON

Forest Grove District GIS
March, 2023

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



1:12,000



APROXIMATE NET ACRES
TRACTOR CABLE

| | TRACTOR | CABLE |
|--------|---------|-------|
| UNIT 1 | 17 | 72 |
| UNIT 2 | 37 | 19 |
| UNIT 3 | 2 | 0 |
| TOTAL | 56 | 91 |