



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal  
Tin Pants  
Sale TL-341-2025-W00962-01

District: Tillamook

Date: June 24, 2025

**Cost Summary**

|                         | Conifer        | Hardwood          | Total          |
|-------------------------|----------------|-------------------|----------------|
| Gross Timber Sale Value | \$3,006,960.84 | \$80,590.40       | \$3,087,551.24 |
|                         |                | Project Work:     | (\$592,480.00) |
|                         |                | Advertised Value: | \$2,495,071.24 |



# Timber Sale Appraisal Tin Pants Sale TL-341-2025-W00962-01

**District: Tillamook**

**Date: June 24, 2025**

## Timber Description

**Location:** Section(s) 35 of T3N R8W, Section(s) 2, 3, 10, 11, 12, 13, 14 of T2N R8W W.M.

**Stand Stocking:** 60%

| Specie Name           | AvgDBH | Amortization (%) | Recovery (%) |
|-----------------------|--------|------------------|--------------|
| Douglas - Fir         | 16     | 0                | 100          |
| Western Hemlock / Fir | 17     | 0                | 100          |
| Alder (Red)           | 15     | 0                | 100          |

| Volume by Grade       | 2S    | 3S & 4S 6"-11" | Camprun | Total  |
|-----------------------|-------|----------------|---------|--------|
| Douglas - Fir         | 3,007 | 4,269          | 0       | 7,276  |
| Western Hemlock / Fir | 965   | 420            | 0       | 1,385  |
| Alder (Red)           | 0     | 0              | 1,760   | 1,760  |
| <b>Total</b>          | 3,972 | 4,689          | 1,760   | 10,421 |

### Comments:

Additional Costs – Tin Pants  
 Pond Values Used: June 2025  
 Region: Astoria, Forest Grove, and Tillamook  
 Douglas fir stumpage x .5 = PC and SC price = \$190.56/MBF  
 Western red cedar and other cedars stumpage price = \$1,285/MBF - \$427.45/MBF = \$857.55/MBF  
 Sitka Spruce and other spruce stumpage price = \$525/MBF - \$427.45/MBF = \$97.55/MBF  
 Bigleaf Maple and other maple stumpage price = 380.00/MBF – 373.81/MBF = \$6.19/MBF  
 Pulp (Conifer and Hardwood) Price = \$2.50/Ton  
 FUEL COST ALLOWANCE = \$5.00/Gallon  
 HAULING COST ALLOWANCE (\$120.00/hr x 10 hr. = \$ 1,200.00) = \$1,200/DAY  
 BRAND AND PAINT ALLOWANCE = \$2.00/ MBF

### Other Costs without Profit and Risk Added:

Move-in Machine Cleaning: \$1,000/machine x 2 machines x 1 season = \$4,000  
 Tailhold OR guybacks dozer move-in: \$1,000/machine x 2 machines = \$2,000  
 = \$6,000

TOTAL Other Costs without Profit and Risk added = 0

### ODF Road Maintenance

Spot Rocking: 20cy/MMBF/mile x 10.421 MMBF x \$8.50/cy x 14.96 miles /10,421 MBF= \$2.54/MBF  
 Interim Grading: \$1,150/mile x 14.96 miles x 2 times/10,421 MBF = \$3.30/MBF  
 Final Maintenance Grading: \$1,500/mile x 14.96 miles/ 10,421 MBF = \$2.15/MBF  
 Final Maintenance Compaction: \$900/mile x 7 miles/10,421 MBF = \$0.61/MBF  
 Total Road Maintenance: = \$8.59/MBF

Slash piling and sorting (Cable Settings): \$10/ac x 406 ac. = \$4,060



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**Logging Conditions**

|                          |                                                                  |        |                                          |
|--------------------------|------------------------------------------------------------------|--------|------------------------------------------|
| <b>Combination#:</b> 1   | Douglas - Fir                                                    | 23.83% |                                          |
|                          | Western Hemlock / Fir                                            | 42.51% |                                          |
|                          | Alder (Red)                                                      | 17.76% |                                          |
| <b>Logging System:</b>   | Cable: Large Tower >=70                                          |        | <b>Process:</b> Harvester Head Delimbing |
| <b>yarding distance:</b> | Short (400 ft)                                                   |        | <b>downhill yarding:</b> No              |
| <b>tree size:</b>        | Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF  |        |                                          |
| <b>loads / day:</b>      | 12                                                               |        | <b>bd. ft / load:</b> 3800               |
| <b>cost / mbf:</b>       | \$188.14                                                         |        |                                          |
| <b>machines:</b>         | Log Loader (A)<br>Forwarder<br>Harvester<br>Tower Yarder (Large) |        |                                          |
| <b>Combination#:</b> 2   | Douglas - Fir                                                    | 45.69% |                                          |
|                          | Western Hemlock / Fir                                            | 41.82% |                                          |
|                          | Alder (Red)                                                      | 43.96% |                                          |
| <b>Logging System:</b>   | Cable: Large Tower >=70                                          |        | <b>Process:</b> Harvester Head Delimbing |
| <b>yarding distance:</b> | Medium (800 ft)                                                  |        | <b>downhill yarding:</b> No              |
| <b>tree size:</b>        | Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF  |        |                                          |
| <b>loads / day:</b>      | 9                                                                |        | <b>bd. ft / load:</b> 3800               |
| <b>cost / mbf:</b>       | \$250.85                                                         |        |                                          |
| <b>machines:</b>         | Log Loader (A)<br>Forwarder<br>Harvester<br>Tower Yarder (Large) |        |                                          |
| <b>Combination#:</b> 3   | Douglas - Fir                                                    | 29.58% |                                          |
|                          | Western Hemlock / Fir                                            | 11.17% |                                          |
|                          | Alder (Red)                                                      | 38.28% |                                          |
| <b>Logging System:</b>   | Cable: Large Tower >=70                                          |        | <b>Process:</b> Harvester Head Delimbing |
| <b>yarding distance:</b> | Long (1,500 ft)                                                  |        | <b>downhill yarding:</b> No              |
| <b>tree size:</b>        | Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF  |        |                                          |
| <b>loads / day:</b>      | 6                                                                |        | <b>bd. ft / load:</b> 3800               |
| <b>cost / mbf:</b>       | \$376.27                                                         |        |                                          |
| <b>machines:</b>         | Log Loader (A)<br>Forwarder<br>Harvester<br>Tower Yarder (Large) |        |                                          |
| <b>Combination#:</b> 4   | Douglas - Fir                                                    | 0.90%  |                                          |
|                          | Western Hemlock / Fir                                            | 4.51%  |                                          |
| <b>Logging System:</b>   | Shovel                                                           |        | <b>Process:</b> Harvester Head Delimbing |
| <b>yarding distance:</b> | Short (400 ft)                                                   |        | <b>downhill yarding:</b> No              |
| <b>tree size:</b>        | Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF  |        |                                          |
| <b>loads / day:</b>      | 20                                                               |        | <b>bd. ft / load:</b> 3800               |

**cost / mbf:** \$131.58  
**machines:** Forwarder  
Harvester

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### Logging Costs

|                             |                               |
|-----------------------------|-------------------------------|
| Operating Seasons: 2.00     | Profit Risk: 10%              |
| Project Costs: \$592,480.00 | Other Costs (P/R): \$6,000.00 |
| Slash Disposal: \$4,060.00  | Other Costs: \$0.00           |

Miles of Road

Road Maintenance: \$8.59

| Dirt | Rock<br>(Contractor) | Rock<br>(State) | Paved |
|------|----------------------|-----------------|-------|
| 0.0  | 0.0                  | 0.0             | 0.0   |

Hauling Costs

| Species               | \$ / MBF | Trips/Day | MBF / Load |
|-----------------------|----------|-----------|------------|
| Douglas - Fir         | \$0.00   | 3.0       | 4.0        |
| Western Hemlock / Fir | \$0.00   | 3.0       | 4.0        |
| Noble Fir             | \$0.00   | 3.0       | 4.0        |
| Alder (Red)           | \$0.00   | 3.0       | 3.6        |



# Timber Sale Appraisal Tin Pants Sale TL-341-2025-W00962-01

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## Logging Costs Breakdown

| Logging                      | Road Maint | Fire Protect | Hauling  | Other P/R appl | Profit & Risk | Slash Disposal | Brand & Paint | Other  | Total    |
|------------------------------|------------|--------------|----------|----------------|---------------|----------------|---------------|--------|----------|
| <b>Douglas - Fir</b>         |            |              |          |                |               |                |               |        |          |
| \$271.93                     | \$8.59     | \$0.84       | \$104.17 | \$0.58         | \$38.61       | \$0.39         | \$2.00        | \$0.00 | \$427.11 |
| <b>Western Hemlock / Fir</b> |            |              |          |                |               |                |               |        |          |
| \$232.83                     | \$8.59     | \$0.84       | \$104.17 | \$0.58         | \$34.70       | \$0.39         | \$2.00        | \$0.00 | \$384.10 |
| <b>Alder (Red)</b>           |            |              |          |                |               |                |               |        |          |
| \$287.72                     | \$8.59     | \$0.84       | \$115.74 | \$0.58         | \$41.35       | \$0.39         | \$2.00        | \$0.00 | \$457.21 |

| Specie                | Amortization | Pond Value | Stumpage | Amortized |
|-----------------------|--------------|------------|----------|-----------|
| Douglas - Fir         | \$0.00       | \$808.60   | \$381.49 | \$0.00    |
| Western Hemlock / Fir | \$0.00       | \$551.06   | \$166.96 | \$0.00    |
| Alder (Red)           | \$0.00       | \$503.00   | \$45.79  | \$0.00    |



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### Summary

#### Amortized

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

#### Unamortized

| Specie                | MBF   | Value    | Total          |
|-----------------------|-------|----------|----------------|
| Douglas - Fir         | 7,276 | \$381.49 | \$2,775,721.24 |
| Western Hemlock / Fir | 1,385 | \$166.96 | \$231,239.60   |
| Alder (Red)           | 1,760 | \$45.79  | \$80,590.40    |

#### Gross Timber Sale Value

Recovery: \$3,087,551.24

Prepared By: Alex Durham

Phone: 971-456-1524



## PROJECT SUMMARY SHEET

Sale: Tin Pants

### CONSTRUCTION

|                              |        |       |            |                     |
|------------------------------|--------|-------|------------|---------------------|
| Point                        | I to J | 4+00  | stations = | \$8,296.90          |
| Point                        | M to N | 30+50 | stations = | \$108,406.40        |
| Point                        | Q to R | 18+40 | stations = | \$31,860.12         |
| Point                        | U to V | 5+10  | stations = | \$20,755.58         |
| <b>SUBTOTAL CONSTRUCTION</b> |        |       |            | <b>\$169,319.00</b> |

### IMPROVEMENT

|                             |        |        |            |                     |
|-----------------------------|--------|--------|------------|---------------------|
| Point                       | A to B | 300+00 | stations = | \$168,623.10        |
| Point                       | C to D | 145+85 | stations = | \$69,458.18         |
| Point                       | E to F | 4+70   | stations = | \$4,324.61          |
| Point                       | G to H | 7+60   | stations = | \$5,387.63          |
| Point                       | K to L | 35+70  | stations = | \$19,840.32         |
| Point                       | O to P | 4+00   | stations = | \$6,700.45          |
| Point                       | S to T | 5+40   | stations = | \$6,016.47          |
| <b>SUBTOTAL IMPROVEMENT</b> |        |        |            | <b>\$280,350.76</b> |

### RECONSTRUCTION

|                                |        |       |            |                    |
|--------------------------------|--------|-------|------------|--------------------|
| Point                          | E to F | 13+80 | stations = | \$32,862.99        |
| <b>SUBTOTAL RECONSTRUCTION</b> |        |       |            | <b>\$32,862.99</b> |

### SPECIAL PROJECTS

|                                                            |                    |
|------------------------------------------------------------|--------------------|
| Project 2 - 3,000 CY of 1 1/2" rock Stockpile Construction | 73,380.00          |
| Project 3 - 300 CY Drain Rock Stockpile Construction       | 5,100.00           |
| Project 5 - Incidental Storm Repair                        | 7,600.00           |
| Project 6 - Stream Enhancement (includes move in)          | \$12,240.00        |
| <b>SUBTOTAL SPECIAL PROJECTS</b>                           | <b>\$98,320.00</b> |

**MOVE IN** **\$11,627.25**

**GRAND TOTAL** **\$592,480.00**

# SUMMARY OF CONSTRUCTION COST

|                                                      |                    |           |               |            |          |                  |            |             |                     |
|------------------------------------------------------|--------------------|-----------|---------------|------------|----------|------------------|------------|-------------|---------------------|
| Sale:                                                | <b>Tin Pants</b>   |           |               |            | Road:    | <b>A to B</b>    |            |             |                     |
| Construction -                                       | 0+00               | stations  | Improvement - | 300+00     | stations | Reconstruction - | 0+00       | stations    |                     |
|                                                      | 0.00               | miles     |               | 5.68       | miles    |                  | 0.00       | miles       |                     |
| <b>IMPROVEMENT: CLEARING AND GRUBBING -</b>          |                    |           |               |            |          |                  |            |             |                     |
| Widening & Pullback                                  |                    |           |               | 0.102      | acres @  | \$2,500.00       | per acre = | \$255.00    |                     |
| Scattering                                           |                    |           |               | 2.000      | acres @  | \$1,415.00       | per acre = | \$2,830.00  |                     |
| <b>TOTAL CLEARING AND GRUBBING</b>                   |                    |           |               |            |          |                  |            |             | <b>\$3,085.00</b>   |
| <b>IMPROVEMENT: EXCAVATION -</b>                     |                    |           |               |            |          |                  |            |             |                     |
| Road Ditch Clearing/Restoring                        |                    |           |               | 300.00     | sta. @   | \$25.00          | per sta. = | \$7,500.00  |                     |
| Widening/Sluff Removal                               | 12+80              | to        | 17+00         | 180        | cy. @    | \$2.20           | per c.y. = | \$396.00    |                     |
| Widening/Sluff Removal                               | 169+20             | to        | 173+15        | 150        | cy. @    | \$2.20           | per c.y. = | \$330.00    |                     |
| Pullback                                             | 282+20             | to        | 282+60        | 30         | cy. @    | \$2.20           | per c.y. = | \$66.00     |                     |
| <b>TOTAL EXCAVATION</b>                              |                    |           |               |            |          |                  |            |             | <b>\$8,292.00</b>   |
| <b>IMPROVEMENT: ENDHAUL -</b>                        |                    |           |               |            |          |                  |            |             |                     |
| Widening/Sluff Removal                               | 12+80              | to        | 17+00         | 180        | cy. @    | \$1.84           | per c.y. = | \$331.20    |                     |
| Widening/Sluff Removal                               | 169+20             | to        | 173+15        | 150        | cy. @    | \$1.56           | per c.y. = | \$234.00    |                     |
| Pullback                                             | 282+20             | to        | 282+60        | 30         | cy. @    | \$3.45           | per c.y. = | \$103.50    |                     |
| Spread & compact                                     |                    |           |               | 360        | cy. @    | \$0.55           | per c.y. = | \$198.00    |                     |
| <b>TOTAL ENDHAUL</b>                                 |                    |           |               |            |          |                  |            |             | <b>\$866.70</b>     |
| <b>CULVERTS - MATERIALS &amp; INSTALLATION</b>       |                    |           |               |            |          |                  |            |             |                     |
| <u>Culverts</u>                                      |                    |           |               |            |          |                  |            |             |                     |
|                                                      | 160                | LF of 18" |               | \$4,688.00 |          |                  |            |             |                     |
|                                                      |                    |           |               |            |          | 80               | LF of 48"  | \$9,806.40  |                     |
|                                                      |                    |           |               |            |          | 50               | LF of 72"  | \$18,380.50 |                     |
| <u>Culvert Stakes &amp; Markers</u>                  |                    |           |               |            |          |                  |            |             |                     |
|                                                      | 7 markers          |           |               | \$63.00    |          |                  |            |             |                     |
| <b>TOTAL CULVERTS</b>                                |                    |           |               |            |          |                  |            |             | <b>\$32,937.90</b>  |
| <b>ROCK</b>                                          |                    |           |               |            |          |                  |            |             |                     |
| 0+00 to                                              | 160+00             | 3,580     | cy. of        | Crushed    | @        | \$23.76          | per c.y. = | \$85,060.80 |                     |
| Spot Rock                                            | 193+85 to 300+01   | 250       | cy. of        | Crushed    | @        | \$23.54          | per c.y. = | \$5,885.00  |                     |
| Culvert Bedding/Backfill                             | Cul. 1, 3, 4, 7, 8 | 100       | cy. of        | Crushed    | @        | \$21.99          | per c.y. = | \$2,199.00  |                     |
| Culvert Bedding/Backfill                             | Cul. 2 & Cul. 5    | 80        | cy. of        | Crushed    | @        | \$21.99          | per c.y. = | \$1,759.20  |                     |
| Culvert Bedding/Backfill                             | 107+05, Cul. 6     | 90        | cy. of        | Crushed    | @        | \$21.99          | per c.y. = | \$1,979.10  |                     |
| Energy Dissipator, ~5 CY ea                          | Cul. Locations     | 40        | cy. of        | Riprap     | @        | \$12.76          | per c.y. = | \$510.40    |                     |
| Inlet Fill Armor                                     | Cul. 2, 5, & 6     | 30        | cy. of        | Riprap     | @        | \$22.19          | per c.y. = | \$665.70    |                     |
| Landing Rock                                         | 210+80, Point B    | 200       | cy. of        | Jaw-Run    | @        | \$18.39          | per c.y. = | \$3,678.00  |                     |
| Loaded Truck Turnaround                              | 284+65             | 150       | cy. of        | Jaw-Run    | @        | \$18.39          | per c.y. = | \$2,758.50  |                     |
| Wing Wall/Road Protection                            | 4+00               | 10        | cy. of        | Riprap     | @        | \$10.11          | per c.y. = | \$101.10    |                     |
| Rock Ditch Filters, 2 CY ea.                         | 6 Locations        | 12        | cy. of        | Drain      | @        | \$37.65          | per c.y. = | \$451.80    |                     |
| <b>TOTAL ROCK</b>                                    |                    |           |               |            |          |                  |            |             | <b>\$105,048.60</b> |
| <b>SPECIAL PROJECTS</b>                              |                    |           |               |            |          |                  |            |             |                     |
| Place riprap for bridge wing wall protection 4+00 -  |                    | 2.50      | hours @       | \$220.00   |          | per hour         | \$550.00   |             |                     |
| Rearrange log jam on stream channel 145+75 -         |                    | 1.00      | hours @       | \$220.00   |          | per hour         | \$220.00   |             |                     |
| Construct waste areas -                              |                    | 2.00      | hours @       | \$220.00   |          | per hour         | \$440.00   |             |                     |
| Construct load truck turnaround 284+65 -             |                    | 5.00      | hours @       | \$320.00   |          | per hour         | \$1,600.00 |             |                     |
| Construct roadside landing 210+80 -                  |                    | 3.00      | hours @       | \$220.00   |          | per hour         | \$660.00   |             |                     |
| Improve landing @ Point B -                          |                    | 2.00      | hours @       | \$220.00   |          | per hour         | \$440.00   |             |                     |
| Grade and shape road -                               |                    | 300.00    | stations @    | \$24.40    |          | per station      | \$7,320.00 |             |                     |
| Roll subgrade w/ vibratory roller prior to rocking - |                    | 300.00    | stations @    | \$19.40    |          | per station      | \$5,820.00 |             |                     |
| Remove culverts from state lands                     |                    | 7.00      | @             | \$1,095.20 |          | total            | \$1,095.20 |             |                     |
| Grass seed and fertilize -                           |                    | 0.52      | acres @       | \$310.00   |          | per acre         | \$161.20   |             |                     |
| Mulching -                                           |                    | 0.100     | acres @       | \$865.00   |          | per acre         | \$86.50    |             |                     |
| <b>TOTAL SPECIAL PROJECTS</b>                        |                    |           |               |            |          |                  |            |             | <b>\$18,392.90</b>  |
| <b>GRAND TOTAL</b>                                   |                    |           |               |            |          |                  |            |             | <b>\$168,623.10</b> |

## SUMMARY OF CONSTRUCTION COST

Sale:

**Tin Pants**

Road:

**C to D**

|                |      |          |               |        |          |                  |      |          |
|----------------|------|----------|---------------|--------|----------|------------------|------|----------|
| Construction - | 0+00 | stations | Improvement - | 145+85 | stations | Reconstruction - | 0+00 | stations |
|                | 0.00 | miles    |               | 2.76   | miles    |                  | 0.00 | miles    |

### **IMPROVEMENT:** CLEARING AND GRUBBING -

|                                    |       |       |   |            |            |            |                   |
|------------------------------------|-------|-------|---|------------|------------|------------|-------------------|
| Widening & Pullback, Endhaul       | 0.400 | acres | @ | \$2,500.00 | per acre = | \$1,000.00 |                   |
| Scattering                         | 0.170 | acres | @ | \$1,415.00 | per acre = | \$240.55   |                   |
| <b>TOTAL CLEARING AND GRUBBING</b> |       |       |   |            |            |            | <b>\$1,240.55</b> |

### **IMPROVEMENT:** EXCAVATION -

|                                                             |       |    |       |       |        |          |            |                    |  |
|-------------------------------------------------------------|-------|----|-------|-------|--------|----------|------------|--------------------|--|
| Road Ditch Clearing/Restoring, Endhaul -                    |       |    |       | 70.00 | sta. @ | \$150.00 | per sta. = | \$10,500.00        |  |
| Road Ditch Clearing/Restoring                               |       |    |       | 74.20 | sta. @ | \$40.00  | per sta. = | \$2,968.00         |  |
| Remove/Endhaul Piles @ 28+85, 51+80, 60+70, 64+10 & 67+05 - |       |    |       | 110   | cy. @  | \$2.20   | per c.y.=  | \$242.00           |  |
| Widening                                                    | 24+60 | to | 25+15 | 40    | cy. @  | \$2.20   | per c.y.=  | \$88.00            |  |
| Widening & Pullback                                         | 25+15 | to | 26+50 | 180   | cy. @  | \$8.30   | per c.y.=  | \$1,494.00         |  |
| Widening                                                    | 26+50 | to | 27+00 | 40    | cy. @  | \$2.20   | per c.y.=  | \$88.00            |  |
| Pullback                                                    | 44+60 | to | 45+15 | 20    | cy. @  | \$2.20   | per c.y.=  | \$44.00            |  |
| Widening & Pullback                                         | 45+15 | to | 46+75 | 140   | cy. @  | \$8.30   | per c.y.=  | \$1,162.00         |  |
| Pullback                                                    | 47+75 | to | 48+90 | 30    | cy. @  | \$2.20   | per c.y.=  | \$66.00            |  |
| Widening/Sluff Removal                                      | 51+80 | to | 58+60 | 300   | cy. @  | \$2.20   | per c.y.=  | \$660.00           |  |
| Pullback                                                    | 58+60 | to | 60+70 | 70    | cy. @  | \$2.20   | per c.y.=  | \$154.00           |  |
| Pullback                                                    | 61+95 | to | 64+10 | 110   | cy. @  | \$2.20   | per c.y.=  | \$242.00           |  |
| Pullback                                                    | 65+10 | to | 67+05 | 50    | cy. @  | \$2.20   | per c.y.=  | \$110.00           |  |
| <b>TOTAL EXCAVATION</b>                                     |       |    |       |       |        |          |            | <b>\$17,818.00</b> |  |

### **IMPROVEMENT:** ENDHAUL -

|                                                             |      |     |   |        |           |            |                   |
|-------------------------------------------------------------|------|-----|---|--------|-----------|------------|-------------------|
| Remove/Endhaul Piles @ 28+85, 51+80, 60+70, 64+10 & 67+05 - | 110  | cy. | @ | \$4.45 | per c.y.= | \$489.50   |                   |
| Widening 24+60 to 25+15                                     | 40   | cy. | @ | \$4.45 | per c.y.= | \$178.00   |                   |
| Widening & Pullback 25+15 to 26+50                          | 180  | cy. | @ | \$4.45 | per c.y.= | \$801.00   |                   |
| Widening 26+50 to 27+00                                     | 40   | cy. | @ | \$4.45 | per c.y.= | \$178.00   |                   |
| Pullback 44+60 to 45+15                                     | 20   | cy. | @ | \$4.45 | per c.y.= | \$89.00    |                   |
| Widening & Pullback 45+15 to 46+75                          | 140  | cy. | @ | \$4.45 | per c.y.= | \$623.00   |                   |
| Pullback 47+75 to 48+90                                     | 30   | cy. | @ | \$4.45 | per c.y.= | \$133.50   |                   |
| Widening/Sluff Removal 51+80 to 58+60                       | 300  | cy. | @ | \$4.45 | per c.y.= | \$1,335.00 |                   |
| Pullback 58+60 to 60+70                                     | 70   | cy. | @ | \$4.45 | per c.y.= | \$311.50   |                   |
| Pullback 61+95 to 64+10                                     | 110  | cy. | @ | \$4.45 | per c.y.= | \$489.50   |                   |
| Pullback 65+10 to 67+05                                     | 50   | cy. | @ | \$4.45 | per c.y.= | \$222.50   |                   |
| Spread & compact                                            | 1090 | cy. | @ | \$0.55 | per c.y.= | \$599.50   |                   |
| <b>TOTAL ENDHAUL</b>                                        |      |     |   |        |           |            | <b>\$5,450.00</b> |

### **ROCK**

|                   |    |                 |       |        |         |   |         |           |                    |
|-------------------|----|-----------------|-------|--------|---------|---|---------|-----------|--------------------|
| 0+00              | to | 98+30           | 2,210 | cy. of | Crushed | @ | \$14.34 | per c.y.= | \$31,691.40        |
| 129+20            | to | 145+85          | 210   | cy. of | Crushed | @ | \$14.34 | per c.y.= | \$3,011.40         |
| Spot Rock         |    | 98+30 to 129+20 | 200   | cy. of | Crushed | @ | \$14.34 | per c.y.= | \$2,868.00         |
| <b>TOTAL ROCK</b> |    |                 |       |        |         |   |         |           | <b>\$37,570.80</b> |

### **SPECIAL PROJECTS**

|                                                      |        |            |          |             |            |            |
|------------------------------------------------------|--------|------------|----------|-------------|------------|------------|
| Construct waste areas -                              | 2.00   | hours @    | \$220.00 | per hour    | \$440.00   |            |
| Grade and shape road -                               | 145.85 | stations @ | \$24.40  | per station | \$3,558.74 |            |
| Roll subgrade w/ vibratory roller prior to rocking - | 145.85 | stations @ | \$19.40  | per station | \$2,829.49 |            |
| Grass seed and fertilize -                           | 0.66   | acres @    | \$310.00 | per acre    | \$204.60   |            |
| Mulching -                                           | 0.400  | acres @    | \$865.00 | per acre    | \$346.00   |            |
| TOTAL SPECIAL PROJECTS                               |        |            |          |             |            | \$7,378.83 |

**GRAND TOTAL**

**\$69,458.18**

## SUMMARY OF CONSTRUCTION COST

Sale:

**Tin Pants**

Road:

**E to F**

|                |      |          |               |      |          |                  |       |          |
|----------------|------|----------|---------------|------|----------|------------------|-------|----------|
| Construction - | 0+00 | stations | Improvement - | 4+70 | stations | Reconstruction - | 13+80 | stations |
|                | 0.00 | miles    |               | 0.09 | miles    |                  | 0.26  | miles    |

### RECONSTRUCTION: CLEARING AND GRUBBING -

|         |       |       |   |            |            |                                    |                   |
|---------|-------|-------|---|------------|------------|------------------------------------|-------------------|
| Endhaul | 1.650 | acres | @ | \$2,500.00 | per acre = | \$4,125.00                         |                   |
|         |       |       |   |            |            | <b>TOTAL CLEARING AND GRUBBING</b> | <b>\$4,125.00</b> |

### RECONSTRUCTION: EXCAVATION -

|                     |       |    |       |     |       |        |                         |                   |
|---------------------|-------|----|-------|-----|-------|--------|-------------------------|-------------------|
| Const. Throgh-Cut   | 4+70  | to | 5+80  | 600 | cy. @ | \$3.30 | per c.y. =              | \$1,980.00        |
| Widening            | 5+80  | to | 8+60  | 340 | cy. @ | \$3.30 | per c.y. =              | \$1,122.00        |
| Widening            | 8+60  | to | 11+60 | 640 | cy. @ | \$3.30 | per c.y. =              | \$2,112.00        |
| Widening            | 11+60 | to | 12+30 | 50  | cy. @ | \$3.30 | per c.y. =              | \$165.00          |
| Piullback           | 12+30 | to | 13+60 | 190 | cy. @ | \$3.30 | per c.y. =              | \$627.00          |
| Widening            | 13+60 | to | 14+20 | 40  | cy. @ | \$3.30 | per c.y. =              | \$132.00          |
| Pullback & Widening | 14+20 | to | 15+20 | 330 | cy. @ | \$3.30 | per c.y. =              | \$1,089.00        |
| Widening            | 15+20 | to | 18+50 | 340 | cy. @ | \$3.30 | per c.y. =              | \$1,122.00        |
|                     |       |    |       |     |       |        | <b>TOTAL EXCAVATION</b> | <b>\$8,349.00</b> |

### RECONSTRUCTION: ENDHAUL -

|                     |       |    |       |      |       |        |                      |                   |
|---------------------|-------|----|-------|------|-------|--------|----------------------|-------------------|
| Const. Throgh-Cut   | 4+70  | to | 5+80  | 600  | cy. @ | \$2.49 | per c.y. =           | \$1,494.00        |
| Widening            | 5+80  | to | 8+60  | 340  | cy. @ | \$2.49 | per c.y. =           | \$846.60          |
| Widening            | 8+60  | to | 11+60 | 640  | cy. @ | \$2.49 | per c.y. =           | \$1,593.60        |
| Widening            | 11+60 | to | 12+30 | 50   | cy. @ | \$2.49 | per c.y. =           | \$124.50          |
| Piullback           | 12+30 | to | 13+60 | 190  | cy. @ | \$2.49 | per c.y. =           | \$473.10          |
| Widening            | 13+60 | to | 14+20 | 40   | cy. @ | \$2.49 | per c.y. =           | \$99.60           |
| Pullback & Widening | 14+20 | to | 15+20 | 330  | cy. @ | \$2.49 | per c.y. =           | \$821.70          |
| Widening            | 15+20 | to | 18+50 | 340  | cy. @ | \$2.49 | per c.y. =           | \$846.60          |
| Spread & compact    |       |    |       | 2530 | cy. @ | \$0.55 | per c.y. =           | \$1,391.50        |
|                     |       |    |       |      |       |        | <b>TOTAL ENDHAUL</b> | <b>\$7,691.20</b> |

### ROCK

|                      |                |     |        |         |   |         |                   |                    |
|----------------------|----------------|-----|--------|---------|---|---------|-------------------|--------------------|
| 4+70 to              | 19+00          | 760 | cy. of | Jaw-run | @ | \$14.98 | per c.y. =        | \$11,384.80        |
| Spot Rocking         | As Directed    | 50  | cy. of | Crushed | @ | \$14.63 | per c.y. =        | \$731.50           |
| Landing Rock         | Point F        | 130 | cy. of | Jaw-run | @ | \$15.36 | per c.y. =        | \$1,996.80         |
| Additional Base Rock | 12+30 to 13+60 | 40  | cy. of | Jaw-run | @ | \$15.36 | per c.y. =        | \$614.40           |
|                      |                |     |        |         |   |         | <b>TOTAL ROCK</b> | <b>\$14,727.50</b> |

### SPECIAL PROJECTS

|                                                      |       |            |          |                               |                   |  |
|------------------------------------------------------|-------|------------|----------|-------------------------------|-------------------|--|
| Improve Landing @ Point F -                          | 4.00  | hours @    | \$320.00 | per hour                      | \$1,280.00        |  |
| Grade and shape road -                               | 18.50 | stations @ | \$24.40  | per station                   | \$451.40          |  |
| Roll subgrade w/ vibratory roller prior to rocking - | 18.50 | stations @ | \$19.40  | per station                   | \$358.90          |  |
| Grass seed and fertilize -                           | 0.66  | acres @    | \$310.00 | per acre                      | \$204.60          |  |
|                                                      |       |            |          | <b>TOTAL SPECIAL PROJECTS</b> | <b>\$2,294.90</b> |  |

**GRAND TOTAL** **\$37,187.60**



## SUMMARY OF CONSTRUCTION COST

Sale:

## Tin Pants

Road:

**I to J**

|                       |                      |                      |                      |                         |                      |
|-----------------------|----------------------|----------------------|----------------------|-------------------------|----------------------|
| <u>Construction -</u> | <u>4+00</u> stations | <u>Improvement -</u> | <u>0+00</u> stations | <u>Reconstruction -</u> | <u>0+00</u> stations |
|                       | 0.08 miles           |                      | 0.00 miles           |                         | 0.00 miles           |

**CONSTRUCTION:** CLEARING, GRUBBING, SCATTERING, EXCAVATION, COMPACTION, LOADING, END-HAULING AND SPREADING/COMPACTING AT WASTE AREA -

|                |           |                |                       |                                           |                       |                         |   |                   |                   |
|----------------|-----------|----------------|-----------------------|-------------------------------------------|-----------------------|-------------------------|---|-------------------|-------------------|
| <u>Station</u> | <u>to</u> | <u>Station</u> | <u>Avg. Sideslope</u> | <u>Avg. Dist.</u><br><u>To W.A. (mi.)</u> | <u>Outslope/Ditch</u> | <u>Cost per Station</u> | = | <u>\$1,656.00</u> |                   |
| 0+00           |           | 4+00           | 45%                   |                                           | Outslope              | \$414                   |   | <b>TOTAL</b>      | <b>\$1,656.00</b> |

## ROCK

|              |         |     |        |         |   |                   |                   |                   |
|--------------|---------|-----|--------|---------|---|-------------------|-------------------|-------------------|
| 0+00 to      | 4+00    | 210 | cy. of | Jaw-run | @ | \$13.96 per c.y.= | \$2,931.60        |                   |
| Landing Rock | Point J | 170 | cy. of | Jaw-run | @ | \$13.99 per c.y.= | \$2,378.30        |                   |
|              |         |     |        |         |   |                   | <b>TOTAL ROCK</b> | <b>\$5,309.90</b> |

## SPECIAL PROJECTS

|                                                      |      |            |          |             |                   |
|------------------------------------------------------|------|------------|----------|-------------|-------------------|
| Additional Cut & Drift Landing Const.                | 5.00 | hours @    | \$220.00 | per hour    | \$1,100.00        |
| Grade and shape road -                               | 4.00 | stations @ | \$24.40  | per station | \$97.60           |
| Roll subgrade w/ vibratory roller prior to rocking - | 4.00 | stations @ | \$19.40  | per station | \$77.60           |
| Grass seed and fertilize -                           | 0.18 | acres @    | \$310.00 | per acre    | \$55.80           |
| TOTAL SPECIAL PROJECTS                               |      |            |          |             | <b>\$1,331.00</b> |
| <b>GRAND TOTAL</b>                                   |      |            |          |             | <b>\$8,296.90</b> |

## SUMMARY OF CONSTRUCTION COST

Sale:

**Tin Pants**

Road:

**K to L**

|                       |             |                 |                      |              |                 |                         |             |                 |
|-----------------------|-------------|-----------------|----------------------|--------------|-----------------|-------------------------|-------------|-----------------|
| <u>Construction -</u> | <u>0+00</u> | <u>stations</u> | <u>Improvement -</u> | <u>35+70</u> | <u>stations</u> | <u>Reconstruction -</u> | <u>0+00</u> | <u>stations</u> |
|                       | <u>0.00</u> | <u>miles</u>    |                      | <u>0.68</u>  | <u>miles</u>    |                         | <u>0.00</u> | <u>miles</u>    |

**IMPROVEMENT:** CLEARING AND GRUBBING -

|                                    |  |  |  |       |         |            |            |          |                 |
|------------------------------------|--|--|--|-------|---------|------------|------------|----------|-----------------|
| Widening                           |  |  |  | 0.090 | acres @ | \$1,415.00 | per acre = | \$127.35 |                 |
| Scattering                         |  |  |  | 0.160 | acres @ | \$1,415.00 | per acre = | \$226.40 |                 |
| <b>TOTAL CLEARING AND GRUBBING</b> |  |  |  |       |         |            |            |          | <b>\$353.75</b> |

**IMPROVEMENT:** EXCAVATION -

|                            |       |    |       |      |       |        |           |            |                   |
|----------------------------|-------|----|-------|------|-------|--------|-----------|------------|-------------------|
| Widening/Sluff Removal     | 29+70 | to | 35+10 | 195  | cy. @ | \$2.20 | per c.y.= | \$429.00   |                   |
| Widening for Landing Const | 35+10 | to | 35+70 | 2000 | cy. @ | \$3.30 | per c.y.= | \$6,600.00 |                   |
| <b>TOTAL EXCAVATION</b>    |       |    |       |      |       |        |           |            | <b>\$7,029.00</b> |

**IMPROVEMENT:** ENDHAUL -

|                            |       |    |       |      |       |        |           |            |                   |
|----------------------------|-------|----|-------|------|-------|--------|-----------|------------|-------------------|
| Widening/Sluff Removal     | 29+70 | to | 35+10 | 195  | cy. @ | \$1.92 | per c.y.= | \$374.40   |                   |
| Widening for Landing Const | 35+10 | to | 35+70 | 1446 | cy. @ | \$2.06 | per c.y.= | \$2,978.76 |                   |
| Spread & compact           |       |    |       | 1641 | cy. @ | \$0.55 | per c.y.= | \$902.55   |                   |
| <b>TOTAL ENDHAUL</b>       |       |    |       |      |       |        |           |            | <b>\$4,255.71</b> |

**ROCK**

|                   |             |     |        |         |   |         |           |            |                   |
|-------------------|-------------|-----|--------|---------|---|---------|-----------|------------|-------------------|
| Spot Rocking      | As Directed | 200 | cy. of | Crushed | @ | \$12.92 | per c.y.= | \$2,584.00 |                   |
| Landing Rock      | Point L     | 170 | cy. of | Jaw-run | @ | \$16.32 | per c.y.= | \$2,774.40 |                   |
| <b>TOTAL ROCK</b> |             |     |        |         |   |         |           |            | <b>\$5,358.40</b> |

**SPECIAL PROJECTS**

|                                                      |  |  |  |       |            |          |             |          |                   |
|------------------------------------------------------|--|--|--|-------|------------|----------|-------------|----------|-------------------|
| Construct waste areas -                              |  |  |  | 2.00  | hours @    | \$220.00 | per hour    | \$440.00 |                   |
| Reopen Equipment Access Road above Point L Landing - |  |  |  | 3.00  | hours @    | \$220.00 | per hour    | \$660.00 |                   |
| Grade and shape road -                               |  |  |  | 35.70 | stations @ | \$24.40  | per station | \$871.08 |                   |
| Roll subgrade w/ vibratory roller prior to rocking - |  |  |  | 35.70 | stations @ | \$19.40  | per station | \$692.58 |                   |
| Grass seed and fertilize -                           |  |  |  | 0.58  | acres @    | \$310.00 | per acre    | \$179.80 |                   |
| <b>TOTAL SPECIAL PROJECTS</b>                        |  |  |  |       |            |          |             |          | <b>\$2,843.46</b> |

**GRAND TOTAL** **\$19,840.32**

## SUMMARY OF CONSTRUCTION COST

Sale:

**Tin Pants**

Road:

**M to N**

|                       |              |                 |                      |             |                 |                         |             |                 |
|-----------------------|--------------|-----------------|----------------------|-------------|-----------------|-------------------------|-------------|-----------------|
| <u>Construction -</u> | <u>30+50</u> | <u>stations</u> | <u>Improvement -</u> | <u>0+00</u> | <u>stations</u> | <u>Reconstruction -</u> | <u>0+00</u> | <u>stations</u> |
|                       | <u>0.58</u>  | <u>miles</u>    |                      | <u>0.00</u> | <u>miles</u>    |                         | <u>0.00</u> | <u>miles</u>    |

**CONSTRUCTION:** CLEARING, GRUBBING, SCATTERING, EXCAVATION, COMPACTION, LOADING, END-HAULING AND SPREADING/COMPACTING AT WASTE AREA -

| <u>Station</u> | <u>to</u> | <u>Station</u> | <u>Avg. Sideslope</u><br><u>or Activity</u> | <u>Avg. Dist.</u><br><u>To W.A. (mi.)</u> | <u>Outslope/Ditch</u> | <u>Cost per Station</u> |   |                     |
|----------------|-----------|----------------|---------------------------------------------|-------------------------------------------|-----------------------|-------------------------|---|---------------------|
| 0+00           |           | 2+00           | Fill                                        |                                           | Outslope              | \$1,000                 | = | \$2,000.00          |
| 2+00           |           | 4+50           | Cut & Drift                                 |                                           | Outslope              | \$400                   | = | \$1,000.00          |
| 4+50           |           | 7+50           | 55%                                         | 0.1                                       | Outslope              | \$1,432                 | = | \$4,296.00          |
| 7+50           |           | 11+30          | 65%                                         | 0.3                                       | Outslope              | \$3,189                 | = | \$12,118.20         |
| 11+30          |           | 17+30          | 75%                                         | 0.6                                       | Outslope              | \$4,976                 | = | \$29,856.00         |
| 17+30          |           | 19+15          | Through Cut                                 | 0.6                                       | Outslope              | \$3,008                 | = | \$5,564.80          |
| 19+15          |           | 20+50          | Land. Const.                                |                                           | Outslope              | \$1,000                 | = | \$1,350.00          |
| 20+50          |           | 24+50          | Fill                                        |                                           | Outslope              | \$583                   | = | \$2,332.00          |
| 24+50          |           | 26+60          | 10%                                         |                                           | Outslope              | \$400                   | = | \$840.00            |
| 26+60          |           | 29+80          | 70%                                         | 0.1                                       | Outslope              | \$3,622                 | = | \$11,590.40         |
| 29+80          |           | 30+50          | Land. Const.                                | 0.2                                       | Outslope              | \$7,000                 | = | \$4,900.00          |
|                |           |                |                                             |                                           |                       |                         |   | <b><u>TOTAL</u></b> |
|                |           |                |                                             |                                           |                       |                         |   | <b>\$75,847.40</b>  |

### ROCK

|              |    |         |       |        |         |   |         |           |                          |
|--------------|----|---------|-------|--------|---------|---|---------|-----------|--------------------------|
| 0+00         | to | 30+50   | 1,620 | cy. of | Jaw-run | @ | \$15.61 | per c.y.= | \$25,288.20              |
| Landing Rock |    | 19+20   | 170   | cy. of | Jaw-run | @ | \$15.64 | per c.y.= | \$2,658.80               |
| Landing Rock |    | Point N | 170   | cy. of | Jaw-run | @ | \$16.08 | per c.y.= | \$2,733.60               |
|              |    |         |       |        |         |   |         |           | <b><u>TOTAL ROCK</u></b> |
|              |    |         |       |        |         |   |         |           | <b>\$30,680.60</b>       |

### SPECIAL PROJECTS

|                                                      |       |            |          |             |                                      |
|------------------------------------------------------|-------|------------|----------|-------------|--------------------------------------|
| Grade and shape road -                               | 30.50 | stations @ | \$24.40  | per station | \$744.20                             |
| Roll subgrade w/ vibratory roller prior to rocking - | 30.50 | stations @ | \$19.40  | per station | \$591.70                             |
| Grass seed and fertilize -                           | 1.75  | acres @    | \$310.00 | per acre    | \$542.50                             |
|                                                      |       |            |          |             | <b><u>TOTAL SPECIAL PROJECTS</u></b> |
|                                                      |       |            |          |             | <b>\$1,878.40</b>                    |

**GRAND TOTAL** **\$108,406.40**

SUMMARY OF CONSTRUCTION COST

|                                                      |  |  |                  |          |                      |            |             |          |               |                         |                                    |  |                    |          |                   |  |
|------------------------------------------------------|--|--|------------------|----------|----------------------|------------|-------------|----------|---------------|-------------------------|------------------------------------|--|--------------------|----------|-------------------|--|
| Sale:                                                |  |  | <u>Tin Pants</u> |          |                      | Road:      |             |          | <u>O to P</u> |                         |                                    |  |                    |          |                   |  |
| <u>Construction -</u>                                |  |  | 0+00             | stations | <u>Improvement -</u> |            |             | 4+00     | stations      | <u>Reconstruction -</u> |                                    |  | 0+00               | stations |                   |  |
|                                                      |  |  | 0.00             | miles    |                      |            |             | 0.08     | miles         |                         |                                    |  | 0.00               | miles    |                   |  |
|                                                      |  |  |                  |          |                      |            |             |          |               |                         |                                    |  |                    |          |                   |  |
| <b>IMPROVEMENT:</b> CLEARING AND GRUBBING -          |  |  |                  |          |                      |            |             |          |               |                         |                                    |  |                    |          |                   |  |
| Scattering                                           |  |  | 0.370            | acres    | @                    | \$1,415.00 | per acre =  | \$523.55 |               |                         |                                    |  |                    |          |                   |  |
|                                                      |  |  |                  |          |                      |            |             |          |               |                         | <b>TOTAL CLEARING AND GRUBBING</b> |  | <b>\$523.55</b>    |          |                   |  |
| <b>IMPROVEMENT:</b> EXCAVATION -                     |  |  |                  |          |                      |            |             |          |               |                         |                                    |  |                    |          |                   |  |
| Road Earthwork                                       |  |  | 4.00             | sta.     | @                    | \$150.00   | per sta. =  | \$600.00 |               |                         |                                    |  |                    |          |                   |  |
|                                                      |  |  |                  |          |                      |            |             |          |               |                         | <b>TOTAL EXCAVATION</b>            |  | <b>\$600.00</b>    |          |                   |  |
|                                                      |  |  |                  |          |                      |            |             |          |               |                         |                                    |  |                    |          |                   |  |
| <b>ROCK</b>                                          |  |  |                  |          |                      |            |             |          |               |                         |                                    |  |                    |          |                   |  |
| 0+00 to                                              |  |  | 4+00             | 220      | cy. of               | Jaw-run    | @           | \$15.74  | per c.y.=     | \$3,462.80              |                                    |  |                    |          |                   |  |
| Landing Rock                                         |  |  | Point P          | 100      | cy. of               | Jaw-run    | @           | \$15.81  | per c.y.=     | \$1,581.00              |                                    |  |                    |          |                   |  |
|                                                      |  |  |                  |          |                      |            |             |          |               |                         | <b>TOTAL ROCK</b>                  |  | <b>\$5,043.80</b>  |          |                   |  |
|                                                      |  |  |                  |          |                      |            |             |          |               |                         |                                    |  |                    |          |                   |  |
| <b>SPECIAL PROJECTS</b>                              |  |  |                  |          |                      |            |             |          |               |                         |                                    |  |                    |          |                   |  |
| Construct/improve landing @ Point P -                |  |  | 1.50             | hours    | @                    | \$220.00   | per hour    | \$330.00 |               |                         |                                    |  |                    |          |                   |  |
| Grade and shape road -                               |  |  | 4.00             | stations | @                    | \$24.40    | per station | \$97.60  |               |                         |                                    |  |                    |          |                   |  |
| Roll subgrade w/ vibratory roller prior to rocking - |  |  | 4.00             | stations | @                    | \$19.40    | per station | \$77.60  |               |                         |                                    |  |                    |          |                   |  |
| Grass seed and fertilize -                           |  |  | 0.09             | acres    | @                    | \$310.00   | per acre    | \$27.90  |               |                         |                                    |  |                    |          |                   |  |
|                                                      |  |  |                  |          |                      |            |             |          |               |                         | <b>TOTAL SPECIAL PROJECTS</b>      |  | <b>\$533.10</b>    |          |                   |  |
|                                                      |  |  |                  |          |                      |            |             |          |               |                         |                                    |  |                    |          |                   |  |
|                                                      |  |  |                  |          |                      |            |             |          |               |                         |                                    |  | <b>GRAND TOTAL</b> |          | <b>\$6,700.45</b> |  |

## SUMMARY OF CONSTRUCTION COST

Sale:

**Tin Pants**

Road:

**Q to R**

|                       |              |                 |                      |             |                 |                         |             |                 |
|-----------------------|--------------|-----------------|----------------------|-------------|-----------------|-------------------------|-------------|-----------------|
| <u>Construction -</u> | <u>18+40</u> | <u>stations</u> | <u>Improvement -</u> | <u>0+00</u> | <u>stations</u> | <u>Reconstruction -</u> | <u>0+00</u> | <u>stations</u> |
|                       | <u>0.35</u>  | <u>miles</u>    |                      | <u>0.00</u> | <u>miles</u>    |                         | <u>0.00</u> | <u>miles</u>    |

**CONSTRUCTION:** CLEARING, GRUBBING, SCATTERING, EXCAVATION, COMPACTION, LOADING, END-HAULING AND SPREADING/COMPACTING AT WASTE AREA -

| <u>Station</u> | <u>to</u> | <u>Station</u> | <u>Avg. Sideslope</u><br><u>or Activity</u> | <u>Avg. Dist.</u><br><u>To W.A. (mi.)</u> | <u>Outslope/Ditch</u> | <u>Cost per Station</u> |   |                     |
|----------------|-----------|----------------|---------------------------------------------|-------------------------------------------|-----------------------|-------------------------|---|---------------------|
| 0+00           |           | 3+00           | 20%                                         |                                           | Outslope              | \$214                   | = | \$642.00            |
| 3+00           |           | 6+50           | 55%                                         |                                           | Outslope              | \$1,062                 | = | \$3,717.00          |
| 6+50           |           | 9+70           | Cut & Drift                                 |                                           | Outslope              | \$400                   | = | \$1,280.00          |
| 9+70           |           | 11+90          | Fill Const.                                 |                                           | Outslope              | \$1,800                 | = | \$3,960.00          |
| 11+90          |           | 18+40          | 40%                                         |                                           | Outslope              | \$374                   | = | \$2,431.00          |
|                |           |                |                                             |                                           |                       |                         |   | <b><u>TOTAL</u></b> |
|                |           |                |                                             |                                           |                       |                         |   | <b>\$12,030.00</b>  |

**ROCK**

|              |    |         |       |        |         |   |         |           |                          |
|--------------|----|---------|-------|--------|---------|---|---------|-----------|--------------------------|
| 0+00         | to | 18+40   | 1,010 | cy. of | Jaw-run | @ | \$16.08 | per c.y.= | \$16,240.80              |
| Landing Rock |    | Point R | 100   | cy. of | Jaw-run | @ | \$16.43 | per c.y.= | \$1,643.00               |
|              |    |         |       |        |         |   |         |           | <b><u>TOTAL ROCK</u></b> |
|              |    |         |       |        |         |   |         |           | <b>\$17,883.80</b>       |

**SPECIAL PROJECTS**

|                                                      |       |            |          |             |                                      |
|------------------------------------------------------|-------|------------|----------|-------------|--------------------------------------|
| Construct landing & turnaround at Point R -          | 4.00  | hours @    | \$220.00 | per hour    | \$880.00                             |
| Grade and shape road -                               | 18.40 | stations @ | \$24.40  | per station | \$448.96                             |
| Roll subgrade w/ vibratory roller prior to rocking - | 18.40 | stations @ | \$19.40  | per station | \$356.96                             |
| Grass seed and fertilize -                           | 0.84  | acres @    | \$310.00 | per acre    | \$260.40                             |
|                                                      |       |            |          |             | <b><u>TOTAL SPECIAL PROJECTS</u></b> |
|                                                      |       |            |          |             | <b>\$1,946.32</b>                    |

**GRAND TOTAL**

**\$31,860.12**

SUMMARY OF CONSTRUCTION COST

|                                                      |  |              |                 |                      |          |             |                 |                         |                   |                                    |                 |                   |
|------------------------------------------------------|--|--------------|-----------------|----------------------|----------|-------------|-----------------|-------------------------|-------------------|------------------------------------|-----------------|-------------------|
| Sale:                                                |  | Tin Pants    |                 | Road:                |          | S to T      |                 |                         |                   |                                    |                 |                   |
| <u>Construction -</u>                                |  | <u>0+00</u>  | <u>stations</u> | <u>Improvement -</u> |          | <u>5+40</u> | <u>stations</u> | <u>Reconstruction -</u> |                   | <u>0+00</u>                        | <u>stations</u> |                   |
|                                                      |  | 0.00         | miles           |                      |          | 0.10        | miles           |                         |                   | 0.00                               | miles           |                   |
| <b>IMPROVEMENT:</b> CLEARING AND GRUBBING -          |  |              |                 |                      |          |             |                 |                         |                   |                                    |                 |                   |
| Scattering                                           |  |              |                 | 0.250                | acres    | @           | \$1,415.00      | per acre =              | <u>\$353.75</u>   |                                    |                 |                   |
|                                                      |  |              |                 |                      |          |             |                 |                         |                   | <b>TOTAL CLEARING AND GRUBBING</b> |                 | <b>\$353.75</b>   |
| <b>IMPROVEMENT:</b> EXCAVATION -                     |  |              |                 |                      |          |             |                 |                         |                   |                                    |                 |                   |
| Road Earthwork                                       |  |              |                 | 5.40                 | sta.     | @           | \$50.00         | per sta. =              | <u>\$270.00</u>   |                                    |                 |                   |
|                                                      |  |              |                 |                      |          |             |                 |                         |                   | <b>TOTAL EXCAVATION</b>            |                 | <b>\$270.00</b>   |
| <b>ROCK</b>                                          |  |              |                 |                      |          |             |                 |                         |                   |                                    |                 |                   |
| Spot Rocking                                         |  | 0+00 to 5+40 | 100             | cy. of               | Crushed  | @           | \$14.06         | per c.y.=               | \$1,406.00        |                                    |                 |                   |
| Landing Rock                                         |  | Point T      | 100             | cy. of               | Jaw-run  | @           | \$17.93         | per c.y.=               | <u>\$1,793.00</u> |                                    |                 |                   |
|                                                      |  |              |                 |                      |          |             |                 |                         |                   | <b>TOTAL ROCK</b>                  |                 | <b>\$3,199.00</b> |
| <b>SPECIAL PROJECTS</b>                              |  |              |                 |                      |          |             |                 |                         |                   |                                    |                 |                   |
| Improve landing @ Point T, endhaul -                 |  |              |                 | 6.00                 | hours    | @           | \$320.00        | per hour                | \$1,920.00        |                                    |                 |                   |
| Grade and shape road -                               |  |              |                 | 5.40                 | stations | @           | \$24.40         | per station             | \$131.76          |                                    |                 |                   |
| Roll subgrade w/ vibratory roller prior to rocking - |  |              |                 | 5.40                 | stations | @           | \$19.40         | per station             | \$104.76          |                                    |                 |                   |
| Grass seed and fertilize -                           |  |              |                 | 0.12                 | acres    | @           | \$310.00        | per acre                | <u>\$37.20</u>    |                                    |                 |                   |
|                                                      |  |              |                 |                      |          |             |                 |                         |                   | <b>TOTAL SPECIAL PROJECTS</b>      |                 | <b>\$2,193.72</b> |
|                                                      |  |              |                 |                      |          |             |                 |                         |                   | <b>GRAND TOTAL</b>                 |                 | <b>\$6,016.47</b> |

SUMMARY OF CONSTRUCTION COST

|                |           |          |               |       |          |                  |       |
|----------------|-----------|----------|---------------|-------|----------|------------------|-------|
| Sale:          | Tin Pants |          |               | Road: | U to V   |                  |       |
| Construction - | 5+10      | stations | Improvement - | 0+00  | stations | Reconstruction - | 0+00  |
|                | 0.10      | miles    |               | 0.00  | miles    |                  | 0.00  |
|                |           |          |               |       |          |                  | miles |

CONSTRUCTION: CLEARING, GRUBBING, SCATTERING, EXCAVATION, COMPACTION, LOADING, END-HAULING AND SPREADING/COMPACTING AT WASTE AREA -

| Station | to | Station | Avg. Sideslope | Avg. Dist.<br>To W.A. (mi.) | Outslope/Ditch | Cost per Station |   |            |             |
|---------|----|---------|----------------|-----------------------------|----------------|------------------|---|------------|-------------|
| 0+00    |    | 2+50    | 70%            | 0.3                         | Outslope       | \$3,873          | = | \$9,682.50 |             |
| 2+50    |    | 4+40    | 40%            |                             | Outslope       | \$374            | = | \$710.60   |             |
| 4+40    |    | 5+10    | Landing Const. | 0.4                         | Outslope       | \$7,000          | = | \$4,900.00 |             |
|         |    |         |                |                             |                |                  |   | TOTAL      | \$15,293.10 |

|      |    |      |     |        |         |   |                   |            |            |
|------|----|------|-----|--------|---------|---|-------------------|------------|------------|
| ROCK |    |      |     |        |         |   |                   |            |            |
| 0+00 | to | 5+10 | 290 | cy. of | Jaw-run | @ | \$17.82 per c.y.= | \$5,167.80 |            |
|      |    |      |     |        |         |   |                   | TOTAL ROCK | \$5,167.80 |

|                                                      |  |  |  |      |            |          |             |                        |             |
|------------------------------------------------------|--|--|--|------|------------|----------|-------------|------------------------|-------------|
| SPECIAL PROJECTS                                     |  |  |  |      |            |          |             |                        |             |
| Grade and shape road -                               |  |  |  | 5.10 | stations @ | \$24.40  | per station | \$124.44               |             |
| Roll subgrade w/ vibratory roller prior to rocking - |  |  |  | 5.10 | stations @ | \$19.40  | per station | \$98.94                |             |
| Grass seed and fertilize -                           |  |  |  | 0.23 | acres @    | \$310.00 | per acre    | \$71.30                |             |
|                                                      |  |  |  |      |            |          |             | TOTAL SPECIAL PROJECTS | \$294.68    |
|                                                      |  |  |  |      |            |          |             | GRAND TOTAL            | \$20,755.58 |

## ROCK PIT DEVELOPMENT AND CRUSHING COST SUMMARY

|             |                  |                    |                         |
|-------------|------------------|--------------------|-------------------------|
| Pit:        | Crushed          | Location:          | Sec. 34, T3N, R8W, W.M. |
| Sale:       | <b>Tin Pants</b> | Road & Stockpiles: | 7492 c.y.               |
| Swell:      | 1.40             |                    |                         |
| Shrinkage:  | 1.16             | Total Truck Loads: | 7492 c.y.               |
| Drill Pct.: | 75%              | In Place Total:    | 5351 c.y.               |

Pit Development & Cleanup including Clearing and grubbing of Waste Area @ adjacent to pit, place overburden in Waste Area, spread and compact. \$10,000.00

|                         |                |   |              |   |              |
|-------------------------|----------------|---|--------------|---|--------------|
| Drill & Shoot:          | \$3.60 /cu.yd. | x | 4013 cu.yds. | = | \$14,446.80  |
| Rip Rock:               | \$3.35 /cu.yd. | x | 1338 cu.yds. | = | \$4,482.30   |
| Push Rock:              | \$1.20 /cu.yd. | x | 7492 cu.yds. | = | \$8,990.40   |
| Load Crusher:           | \$1.20 /cu.yd. | x | 7492 cu.yds. | = | \$8,990.40   |
| Crush 1 1/2" Rock:      | \$5.20 /cu.yd. | x | 7492 cu.yds. | = | \$38,958.40  |
| Load Dump Truck:        | \$1.20 /cu.yd. | x | 7492 cu.yds. | = | \$8,990.40   |
| Oversize Reduction:     | \$6.70 /cu.yd. | x | 1124 cu.yds. | = | \$7,530.80   |
| Screen 3"-1" Drain Rock | \$3.00 /cu.yd. | x | 300 cu.yds.  | = | \$900.00     |
|                         |                |   | Subtotal     |   | \$103,289.50 |

|                                         |   |   |            |   |             |
|-----------------------------------------|---|---|------------|---|-------------|
| Move In/Set-up Two Stage Crusher        | 1 | @ | \$3,927.00 | = | \$3,927.00  |
| Move In and set up Drill and Compressor | 1 | @ | \$1,228.74 | = | \$1,228.74  |
| Move in Roller and Compactor            | 1 | @ | \$1,076.79 | = | \$1,076.79  |
| Move in Grader                          | 1 | @ | \$1,180.29 | = | \$1,180.29  |
| Move in D-8                             | 1 | @ | \$1,531.89 | = | \$1,531.89  |
| Move in Loader                          | 1 | @ | \$1,284.69 | = | \$1,284.69  |
| Move in Excavator                       | 1 | @ | \$1,412.19 | = | \$1,412.19  |
| Move in Trucks                          | 4 | @ | \$437.14   | = | \$1,748.56  |
| Move in Water Truck                     | 1 | @ | \$415.29   | = | \$415.29    |
|                                         |   |   | Subtotal   |   | \$13,805.44 |

|            |         |            |                               |                     |
|------------|---------|------------|-------------------------------|---------------------|
| Base Cost= | \$15.63 | Per Cu.Yd. | <b>TOTAL PRODUCTION COSTS</b> | <b>\$117,094.94</b> |
|------------|---------|------------|-------------------------------|---------------------|

| Road Segment                                 | Haul Cost \$/cu.yd. | Proc Cost \$/cu.yd. | Base Cost. \$/cu.yd. | Cost \$/cu.yd. | Number Cu. Yds | ROCK COST    |
|----------------------------------------------|---------------------|---------------------|----------------------|----------------|----------------|--------------|
| A to B 0 16000 (Crushed)                     | 4.58                | 3.55                | 15.63                | 23.76          | 3580           | \$85,060.80  |
| A to B Spot Rock (Crushed)                   | 4.36                | 3.55                | 15.63                | 23.54          | 250            | \$5,885.00   |
| A to B Culvert Bedding/Backfill (Crushed)    | 4.36                | 2.00                | 15.63                | 21.99          | 100            | \$2,199.00   |
| A to B Culvert Bedding/Backfill (Crushed)    | 4.36                | 2.00                | 15.63                | 21.99          | 80             | \$1,759.20   |
| A to B Culvert Bedding/Backfill (Crushed)    | 4.36                | 2.00                | 15.63                | 21.99          | 90             | \$1,979.10   |
| A to B Energy Dissipator, ~5 CY ea. (Riprap) | 4.36                | 2.20                | 6.20                 | 12.76          | 40             | \$510.40     |
| A to B Inlet Fill Armor (Riprap)             | 4.36                | 2.20                | 15.63                | 22.19          | 30             | \$665.70     |
| A to B Wing Wall/Road Protection (Riprap)    | 1.71                | 2.20                | 6.20                 | 10.11          | 10             | \$101.10     |
| A to B Rock Ditch Filters, 2 CY ea. (Drain)  | 7.02                | 15.00               | 15.63                | 37.65          | 12             | \$451.80     |
| Drain Rock Stockpile                         | 1.37                | 0.00                | 15.63                | 17.00          | 300            | \$5,100.00   |
| 1 1/2" Rock Stockpile                        | 8.83                | 0.00                | 15.63                | 24.46          | 3000           | \$73,380.00  |
|                                              |                     |                     | Total C.Y.           | 7492           | Sub Total      | \$177,092.10 |

|                            |                     |
|----------------------------|---------------------|
| <b>TOTAL ROCKING COSTS</b> | <b>\$177,092.10</b> |
|----------------------------|---------------------|

## ROCK PIT DEVELOPMENT AND CRUSHING COST SUMMARY

|             |                  |                    |                        |
|-------------|------------------|--------------------|------------------------|
| Pit:        | Jaw_run          | Location:          | Sec. 2, T2N, R8W, W.M. |
| Sale:       | <b>Tin Pants</b> | Road:              | 5780 c.y.              |
| Swell:      | 1.40             |                    |                        |
| Shrinkage   | 1.16             | Total Truck Loads: | 5780 c.y.              |
| Drill Pct.: | 0%               | In Place Total:    | 4129 c.y.              |

Pit Development & Cleanup including Clearing and grubbing of Waste Area @ adjacent to pit, place overburden in Waste Area, spread and compact. \$1,000.00

|                  |                |   |              |   |             |
|------------------|----------------|---|--------------|---|-------------|
| Rip Rock:        | \$3.35 /cu.yd. | x | 4129 cu.yds. | = | \$13,832.15 |
| Push Rock:       | \$1.20 /cu.yd. | x | 5780 cu.yds. | = | \$6,936.00  |
| Load Crusher:    | \$1.20 /cu.yd. | x | 5780 cu.yds. | = | \$6,936.00  |
| Crush Rock:      | \$4.00 /cu.yd. | x | 5780 cu.yds. | = | \$23,120.00 |
| Load Dump Truck: | \$1.20 /cu.yd. | x | 5780 cu.yds. | = | \$6,936.00  |

Subtotal \$58,760.15

### With-In Area Move In from Crushed Pit

|                              |   |   |          |   |          |
|------------------------------|---|---|----------|---|----------|
| Move in Roller and Compactor | 1 | @ | \$20.00  | = | \$20.00  |
| Move in Grader               | 1 | @ | \$33.00  | = | \$33.00  |
| Move in D-8                  | 1 | @ | \$75.00  | = | \$75.00  |
| Move in Loader               | 1 | @ | \$35.00  | = | \$35.00  |
| Move in Excavator            | 1 | @ | \$150.00 | = | \$150.00 |
| Move in Trucks               | 4 | @ | \$10.00  | = | \$40.00  |
| Move in Water Truck          | 1 | @ | \$10.00  | = | \$10.00  |

Subtotal \$363.00

Base Cost= \$10.23 Per Cu.Yd.

**TOTAL PRODUCTION COSTS \$59,123.15**

| Road Segment                             | Haul Cost<br>\$/cu.yd. | Proc Cost<br>\$/cu.yd. | Base Cost.<br>\$/cu.yd. | Cost<br>\$/cu.yd. | Number<br>Cu. Yds | ROCK<br>COST                                                               |
|------------------------------------------|------------------------|------------------------|-------------------------|-------------------|-------------------|----------------------------------------------------------------------------|
| A to B Landing Rock (Jaw-Run)            | 6.26                   | 1.90                   | 10.23                   | 18.39             | 200               | \$3,678.00                                                                 |
| A to B Loaded Truck Turnaround (Jaw-Run) | 6.26                   | 1.90                   | 10.23                   | 18.39             | 150               | \$2,758.50                                                                 |
| E to F 470 1900 (Jaw-run)                | 2.85                   | 1.90                   | 10.23                   | 14.98             | 760               | \$11,384.80                                                                |
| E to F Landing Rock (Jaw-run)            | 3.23                   | 1.90                   | 10.23                   | 15.36             | 130               | \$1,996.80                                                                 |
| E to F Additional Base Rock (Jaw-run)    | 3.23                   | 1.90                   | 10.23                   | 15.36             | 40                | \$614.40                                                                   |
| G to H Landing Rock (Jaw-run)            | 1.58                   | 1.90                   | 10.23                   | 13.71             | 170               | \$2,330.70                                                                 |
| I to J 0 400 (Jaw-run)                   | 1.83                   | 1.90                   | 10.23                   | 13.96             | 210               | \$2,931.60                                                                 |
| I to J Landing Rock (Jaw-run)            | 1.86                   | 1.90                   | 10.23                   | 13.99             | 170               | \$2,378.30                                                                 |
| K to L Landing Rock (Jaw-run)            | 4.19                   | 1.90                   | 10.23                   | 16.32             | 170               | \$2,774.40                                                                 |
| M to N 0 3050 (Jaw-run)                  | 3.48                   | 1.90                   | 10.23                   | 15.61             | 1620              | \$25,288.20                                                                |
| M to N Landing Rock (Jaw-run)            | 3.51                   | 1.90                   | 10.23                   | 15.64             | 170               | \$2,658.80                                                                 |
| M to N Landing Rock (Jaw-run)            | 3.95                   | 1.90                   | 10.23                   | 16.08             | 170               | \$2,733.60                                                                 |
| O to P 0 400 (Jaw-run)                   | 3.61                   | 1.90                   | 10.23                   | 15.74             | 220               | \$3,462.80                                                                 |
| O to P Landing Rock (Jaw-run)            | 3.68                   | 1.90                   | 10.23                   | 15.81             | 100               | \$1,581.00                                                                 |
| Q to R 0 1840 (Jaw-run)                  | 3.95                   | 1.90                   | 10.23                   | 16.08             | 1010              | \$16,240.80                                                                |
| Q to R Landing Rock (Jaw-run)            | 4.30                   | 1.90                   | 10.23                   | 16.43             | 100               | \$1,643.00                                                                 |
| S to T Landing Rock (Jaw-run)            | 5.80                   | 1.90                   | 10.23                   | 17.93             | 100               | \$1,793.00                                                                 |
| U to V 0 510 (Jaw-run)                   | 5.69                   | 1.90                   | 10.23                   | 17.82             | 290               | \$5,167.80                                                                 |
| Total C.Y.                               |                        |                        |                         |                   | 5780              | Sub Total <span style="border-bottom: 1px solid black;">\$91,416.50</span> |

**TOTAL ROCKING COSTS \$91,416.50**

## ROCK PIT DEVELOPMENT AND CRUSHING COST SUMMARY

Pit: 1.5 Stockpiled Location: Sec. 12, T2N, R8W, W.M.  
 Sale: **Tin Pants** Road: 3040 c.y.

Load Dump Truck: \$1.20 /cu.yd. x 3040 cu.yds. = \$3,648.00

Subtotal \$3,648.00

Move in Loader 1 @ \$1,794.60 = \$1,794.60

Subtotal \$1,794.60

Base Cost= \$1.79 Per Cu.Yd.

|                               |                   |
|-------------------------------|-------------------|
| <b>TOTAL PRODUCTION COSTS</b> | <b>\$5,442.60</b> |
|-------------------------------|-------------------|

| Road Segment                  | Haul Cost<br>\$/cu.yd. | Proc Cost<br>\$/cu.yd. | Base Cost.<br>\$/cu.yd. | Cost<br>\$/cu.yd. | Number<br>Cu. Yds | ROCK<br>COST          |
|-------------------------------|------------------------|------------------------|-------------------------|-------------------|-------------------|-----------------------|
| C to D 0 9830 (Crushed)       | 9.00                   | 3.55                   | 1.79                    | 14.34             | 2210              | \$31,691.40           |
| C to D 12920 14585 (Crushed)  | 9.00                   | 3.55                   | 1.79                    | 14.34             | 210               | \$3,011.40            |
| C to D Spot Rock (Crushed)    | 9.00                   | 3.55                   | 1.79                    | 14.34             | 200               | \$2,868.00            |
| E to F Spot Rocking (Crushed) | 9.29                   | 3.55                   | 1.79                    | 14.63             | 50                | \$731.50              |
| G to H Spot Rocking (Crushed) | 7.88                   | 3.55                   | 1.79                    | 13.22             | 70                | \$925.40              |
| K to L Spot Rocking (Crushed) | 7.58                   | 3.55                   | 1.79                    | 12.92             | 200               | \$2,584.00            |
| S to T Spot Rocking (Crushed) | 8.72                   | 3.55                   | 1.79                    | 14.06             | 100               | \$1,406.00            |
|                               |                        |                        |                         | Total C.Y.        | 3040              | Sub Total \$43,217.70 |

|                            |                    |
|----------------------------|--------------------|
| <b>TOTAL ROCKING COSTS</b> | <b>\$43,217.70</b> |
|----------------------------|--------------------|

## Move-In Calculations for Project Work not Involving Rocking/Pit Work

Sale: **Tin Pants**

| LOWBOY HAUL (Round Trip) |              |                 |
|--------------------------|--------------|-----------------|
| DIST. (mi)               | ROADWAY      | AVE SPEED (mph) |
| 55.0                     | Pavement     | 30              |
| 18.2                     | Main Lines   | 7               |
| 5.6                      | Steep Grades | 2               |

| No. | EQUIPMENT DESCRIPTION               | Move in Cost | Pilot Cars | Within Area Move (\$/mile) | Begin Mileage | End Mileage | Total Miles | Within Area Cost | Total Cost |
|-----|-------------------------------------|--------------|------------|----------------------------|---------------|-------------|-------------|------------------|------------|
| 2   | Excavators (Med.) One w/rock hammer | \$3,536.62   |            | \$39.50                    | 0.00          | 4.30        | 4.3         | \$339.70         | \$3,876.32 |
| 1   | Excavators (Large)                  | \$1,922.10   | 1          | \$50.00                    | 0.00          | 4.30        | 4.3         | \$215.00         | \$2,137.10 |
| 1   | Tractor (D8)                        | \$2,044.02   | 2          | \$16.75                    | 0.00          | 4.30        | 4.3         | \$72.03          | \$2,116.05 |
| 2   | Dump Truck (10 cy +)                | \$1,046.95   |            | \$3.25                     | 0.00          | 4.30        | 4.3         | \$27.95          | \$1,074.90 |
| 1   | Dump Truck (Off Hiway)              | \$1,890.23   | 1          | \$5.25                     | 0.00          | 4.30        | 4.3         | \$22.58          | \$1,912.81 |
| 1   | Water Truck (1500 Gal)              | \$497.17     |            | \$3.00                     | 0.00          | 4.30        | 4.3         | \$12.90          | \$510.07   |
|     |                                     |              |            | TOTAL MOVE-IN COSTS:       |               |             |             | \$11,627.25      |            |



## OREGON DEPARTMENT OF FORESTRY CRUISE REPORT

### Tin Pants

#### Type of Sale

Regeneration harvest, Recovery

#### Legal Description

Section(s) 35 of T3N R8W, Section(s) 2, 3, 10, 11, 12, 13, 14 of T2N R8W W.M.

#### Sale Acreage

Sale acreage was determined by GPS and orthophotographs along with GIS.

|                          | <u>ACRES</u> |            |
|--------------------------|--------------|------------|
|                          | <u>Gross</u> | <u>Net</u> |
| <b>Unit 1 (Clearcut)</b> | 139.19       | 105.67     |
| <b>Unit 2 (Clearcut)</b> | 143.38       | 109.27     |
| <b>Unit 3 (Clearcut)</b> | 88.46        | 72.17      |
| <b>Unit 4 (Clearcut)</b> | 143.65       | 118.8      |
| <b>Total</b>             | 512          | 404        |

#### Gross Acres

Area within the Timber Sale Boundary signs

#### Net acres

*Used for calculating the advertised volume.*

Gross acres, less green tree retention, roads, Non-required thinning areas, and riparian areas classified as Special Stewardship in LMCS inside the sale boundary.

#### Cruising Procedures

##### A. Cruise Method

The timber sale was cruised using variable plot sampling. All conifers 8" DBH and greater containing 20 board feet and all hardwoods 10" DBH and greater containing 30 board feet were recorded on all plots. Species, DBH (to nearest inch), merchantable bole length (to nearest foot), form factor, and defect were recorded for all measure trees. Merchantable heights were recorded to 6" and 7" outside bark for conifers and hardwoods, respectively.

##### B. Plot size

| Unit | BAF   | Spacing     |
|------|-------|-------------|
| 1    | 40.00 | 350' x 350' |
| 2    | 33.61 | 350' x 350' |
| 3a   | 27.78 | 300' x 300' |
| 3b   | 40.00 | 300' x 300' |
| 4    | 40.00 | 350' x 350' |

### **C. Grading System**

All trees were graded according to Columbia River Log Scaling and Grading Rules. Log lengths favored 40' lengths.

### **Computation Procedure**

Plot data was entered into SuperAce for computation of basal area, advertised volume, volume summary, log stock table, and stand table for each species and type.

Net sale acreage was used for volume calculation.

| Unit          | Cruise Statistics (Board Foot Volumes) |                 |        |        |
|---------------|----------------------------------------|-----------------|--------|--------|
|               | Acres                                  | Number of Plots | SE (%) | CV (%) |
| 1             | 105.67                                 | 39              | 11.9   | 74.6   |
| 2             | 109.27                                 | 40              | 8.1    | 51.1   |
| 3a            | 50.04                                  | 20              | 17.1   | 74.7   |
| 3b            | 22.13                                  | 9               | 12.7   | 36.0   |
| 4             | 118.8                                  | 38              | 5.0    | 30.7   |
| Project Total | 404                                    | 146             | 4.5    | 54.4   |

### **Hidden Defect and Breakage**

A 1% reduction for conifers and a 2% reduction for hardwood volumes were applied for hidden defect and breakage.

### **Timber Description**

All units were planted between 1968 and 1970.

Unit 1 is clearcut. The unit is a Red alder dominated stand with a significant Douglas-fir component. Small amounts of Bigleaf maple and Noble fir are present within the stand. The area has no past management.

Unit 2 is clearcut. The unit is a Douglas-fir dominated stand with a small Red Alder component. Small amounts Bigleaf maple and Noble fir are present within the stand. Approximately 3% of the stand was thinned as a part of the Tin Tank timber sale.

Unit 3a is clearcut. The unit is a Douglas-fir dominated stand with a significant Western hemlock component. There is a small presence of Noble fir within the stand. The unit was thinned in 2008 as part of the Tin Tank timber sale.

Unit 3b is a clearcut. The unit is a Douglas-fir dominated stand with a Western hemlock component and a small presence of Noble fir. The area has no past management.

Unit 4 is clearcut. The unit is a Douglas-fir dominated stand with small components of Red Alder and Western Hemlock. Small amounts of Noble fir are also present. The area has no past management.

| Sale Unit | Age | Species         | DBH  | Merchantable Bole Height (feet) |
|-----------|-----|-----------------|------|---------------------------------|
| 1         | 54  | Douglas-fir     | 22.0 | 82                              |
|           |     | Red Alder       | 15.0 | 53                              |
|           |     | Noble Fir       | 18.0 | 50                              |
| 2         | 56  | Douglas-fir     | 16.4 | 70                              |
|           |     | Red Alder       | 15.0 | 48                              |
|           |     | Noble Fir       | 31.0 | 84                              |
| 3a        | 56  | Douglas-fir     | 22.4 | 81                              |
|           |     | Noble Fir       | 44.0 | 108                             |
|           |     | Western Hemlock | 26.3 | 78                              |
| 3b        | 56  | Douglas-fir     | 17.0 | 61                              |
|           |     | Noble Fir       | 27.9 | 89                              |
|           |     | Western Hemlock | 12.6 | 52                              |
| 4         | 56  | Douglas-fir     | 14.0 | 59                              |
|           |     | Red Alder       | 14.5 | 56                              |
|           |     | Noble Fir       | 33.7 | 116                             |
|           |     | Western Hemlock | 16.2 | 49                              |

Above data derived from Statistics (type) report using SuperAce 2008, developed by Atterbury consultants, Inc.

### **Cruiser /Dates**

ODF Staff Cruised; March 2025.

### **Revenue Distribution**

BOF – 100%

Tax Code: 5600

5601

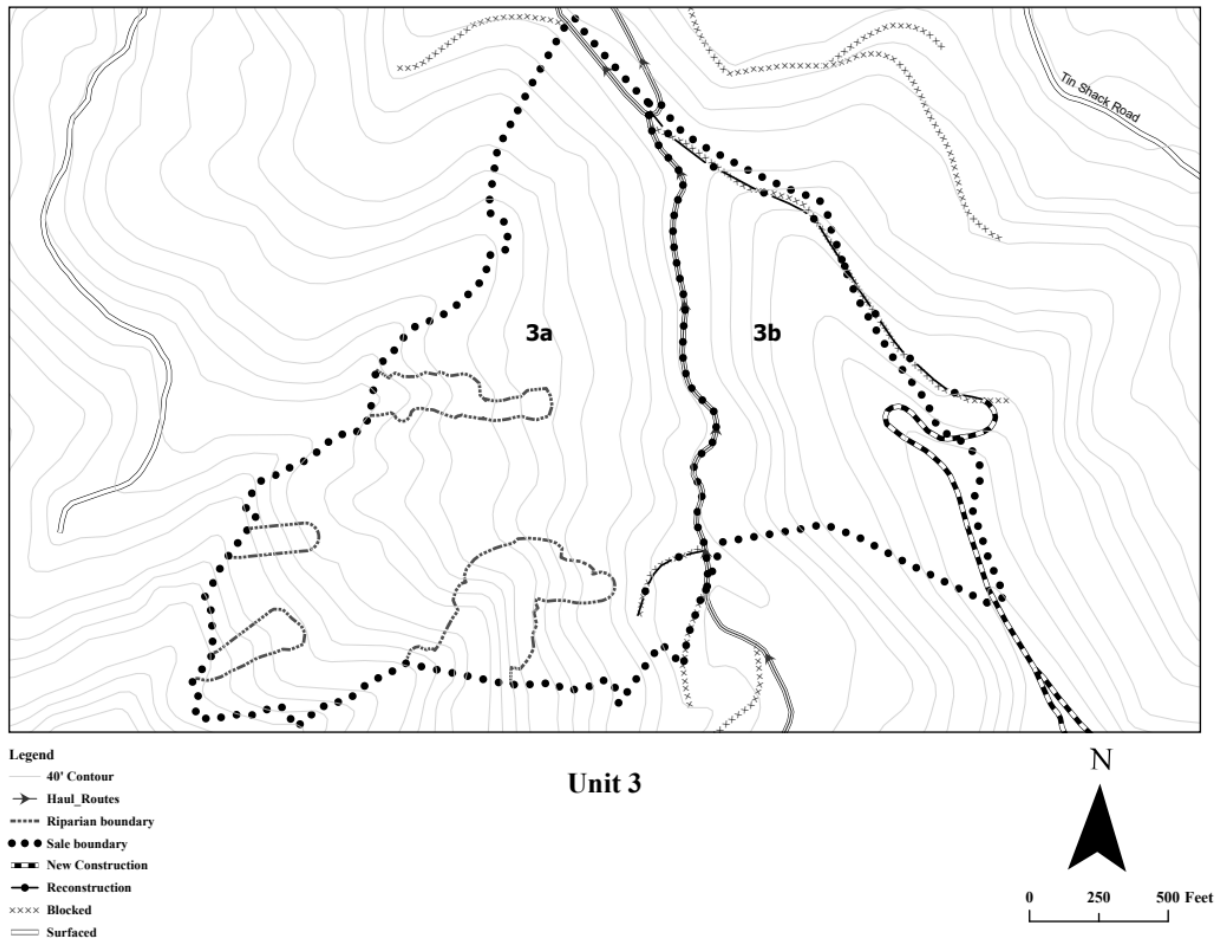
Deed Numbers: 96, 35

### **Attachments**

Volume Summary Table (3)  
Stand Table (3)  
Log Stock Table (3)  
Species, Sort, Grade Table (3)  
Logging Plan (3)

### **Stand and Log Stock Tables Species Key**

DF – Douglas-fir  
RA – Red alder  
BM – Bigleaf maple Leave  
WH – Western hemlock  
NF – Noble fir  
OC – Other conifer





"STEWARDSHIP IN FORESTRY"

## Tin Pants

### Volume Summary

| Unit 1 - Clearcut |              |               |        |             |
|-------------------|--------------|---------------|--------|-------------|
| 106 acres         |              |               |        |             |
| SPECIES           | Cruised Net  | Cruised Net   | Hidden | Net Sale    |
|                   | MBF/ Acre    | MBF           | D&B    | MBF         |
| Douglas-fir       | 11.97        | 1269          | 1%     | 1256        |
| Hemlock           |              | 0             | 1%     | 0           |
| Bigleaf Maple     |              | 0             | 1%     | 0           |
| Noble Fir         | 0.14         | 15            | 1%     | 15          |
| Alder             | 9.50         | 1007          | 2%     | 987         |
| <b>TOTAL</b>      | <b>21.61</b> | <b>2291.0</b> |        | <b>2258</b> |

| Unit 2 - Clearcut |              |             |        |             |
|-------------------|--------------|-------------|--------|-------------|
| 109 acres         |              |             |        |             |
| SPECIES           | Cruised Net  | Cruised Net | Hidden | Net Sale    |
|                   | MBF/ Acre    | MBF         | D&B    | MBF         |
| Douglas-fir       | 22.17        | 2416        | 1%     | 2392        |
| Hemlock           | 0.28         | 30          | 1%     | 30          |
| Bigleaf Maple     |              | 0           | 1%     | 0           |
| Noble Fir         | 0.15         | 16          | 1%     | 16          |
| Alder             | 3.40         | 371         | 2%     | 364         |
| <b>TOTAL</b>      | <b>25.99</b> | <b>2833</b> |        | <b>2802</b> |

| Unit 3a - Clearcut |              |             |        |             |
|--------------------|--------------|-------------|--------|-------------|
| 50 acres           |              |             |        |             |
| SPECIES            | Cruised Net  | Cruised Net | Hidden | Net Sale    |
|                    | MBF/ Acre    | MBF         | D&B    | MBF         |
| Douglas-fir        | 10.31        | 515         | 1%     | 510         |
| Hemlock            | 11.16        | 558         | 1%     | 552         |
| Bigleaf Maple      |              | 0           | 1%     | 0           |
| Noble Fir          | 2.21         | 111         | 1%     | 110         |
| Alder              |              | 0           | 2%     | 0           |
| <b>TOTAL</b>       | <b>23.67</b> | <b>1184</b> |        | <b>1172</b> |



"STEWARDSHIP IN FORESTRY"

## Tin Pants

### Volume Summary

| Unit 3b - Clearcut |             |             |        |          |
|--------------------|-------------|-------------|--------|----------|
| 22 acres           |             |             |        |          |
| SPECIES            | Cruised Net | Cruised Net | Hidden | Net Sale |
|                    | MBF/ Acre   | MBF         | D&B    | MBF      |
| Douglas-fir        | 26.9        | 592         | 1%     | 586      |
| Hemlock            | 15.8        | 348         | 1%     | 345      |
| Bigleaf Maple      |             | 0           | 1%     | 0        |
| Noble Fir          | 1.5         | 34          | 1%     | 34       |
| Alder              |             | 0           | 2%     | 0        |
| TOTAL              | 44.3        | 974         |        | 965      |

| Unit 4 - Clearcut |             |             |        |          |
|-------------------|-------------|-------------|--------|----------|
| 119 acres         |             |             |        |          |
| SPECIES           | Cruised Net | Cruised Net | Hidden | Net Sale |
|                   | MBF/ Acre   | MBF         | D&B    | MBF      |
| Douglas-fir       | 21.5        | 2554        | 1%     | 2528     |
| Hemlock           | 1.9         | 226         | 1%     | 224      |
| Bigleaf Maple     |             | 0           | 1%     | 0        |
| Noble Fir         | 0.5         | 60          | 1%     | 59       |
| Alder             | 3.5         | 421         | 2%     | 413      |
| TOTAL             | 27.4        | 3261        |        | 3224     |



"STEWARDSHIP IN FORESTRY"

## ***Tin Pants***

### **Volume Summary**

| <b>TOTAL SALE VOLUME</b> |                          |                       |
|--------------------------|--------------------------|-----------------------|
|                          | <b>406</b>               | <b>acres</b>          |
| <b>SPECIES</b>           | <b>Cruised Net (MBF)</b> | <b>Net Sale (MBF)</b> |
| Douglas-fir              | 7346                     | 7276                  |
| Hemlock                  | 1162                     | 1151                  |
| Bigleaf maple            | 0                        | 0                     |
| Noble Fir                | 236                      | 234                   |
| Red Alder                | 1799                     | 1760                  |
| <b>TOTAL</b>             | <b>10543</b>             | <b>10421</b>          |



|                     |  |       |  |          |  |       |  |                       |  |        |  |                     |  |                                          |  |      |  |           |  |     |  |     |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |     |  |
|---------------------|--|-------|--|----------|--|-------|--|-----------------------|--|--------|--|---------------------|--|------------------------------------------|--|------|--|-----------|--|-----|--|-----|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-------|--|-----|--|
| TC                  |  |       |  | TLOGSTVB |  |       |  | Log Stock Table - MBF |  |        |  |                     |  |                                          |  |      |  |           |  |     |  |     |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |     |  |
|                     |  |       |  | Project: |  |       |  | TP                    |  |        |  |                     |  |                                          |  |      |  |           |  |     |  |     |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |     |  |
| T02N R08W S02 T0100 |  |       |  |          |  |       |  |                       |  |        |  | T02N R08W S02 T0100 |  |                                          |  |      |  |           |  |     |  |     |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |     |  |
| Twp                 |  | Rge   |  | Sec      |  | Tract |  | Type                  |  | Acres  |  | Plots               |  | Sample Trees                             |  | Page |  | 2         |  |     |  |     |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |     |  |
| 02N                 |  | 08W   |  | 02       |  | 1     |  | 0100                  |  | 106.00 |  | 39                  |  | 128                                      |  | Date |  | 5/12/2025 |  |     |  |     |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |     |  |
|                     |  |       |  |          |  |       |  |                       |  |        |  | Time                |  | 8:58:23AM                                |  |      |  |           |  |     |  |     |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |     |  |
| S                   |  | So Gr |  | Log      |  | Gross |  | %                     |  | Net    |  | %                   |  | Net Volume by Scaling Diameter in Inches |  |      |  |           |  |     |  |     |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |     |  |
| Spp                 |  | T     |  | rt de    |  | Len   |  | MBF                   |  | Def    |  | MBF                 |  | Spc                                      |  | 2-3  |  | 4-5       |  | 6-7 |  | 8-9 |  | 10-11 |  | 12-13 |  | 14-15 |  | 16-19 |  | 20-23 |  | 24-29 |  | 30-39 |  | 40+ |  |
| NF                  |  | CO    |  | 3        |  | 40    |  | 15                    |  |        |  | 15                  |  | 100.0                                    |  |      |  |           |  | 15  |  |     |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |     |  |
| NF                  |  |       |  | Totals   |  |       |  | 15                    |  |        |  | 15                  |  | .6                                       |  |      |  |           |  | 15  |  |     |  |       |  |       |  |       |  |       |  |       |  |       |  |       |  |     |  |
| Total All Species   |  |       |  |          |  |       |  | 2,390                 |  | 2.4    |  | 2,332               |  | 100.0                                    |  | 40   |  | 537       |  | 371 |  | 290 |  | 248   |  | 158   |  | 427   |  | 207   |  | 53    |  |       |  |       |  |     |  |

| TC                  |     | Stand Table Summary |       |      |          |                |             |              |               |                     |               |                |                |             |           |       |
|---------------------|-----|---------------------|-------|------|----------|----------------|-------------|--------------|---------------|---------------------|---------------|----------------|----------------|-------------|-----------|-------|
| TSTNDSUM            |     | Project TP          |       |      |          |                |             |              |               |                     |               |                |                |             |           |       |
| T02N R08W S02 T0100 |     |                     |       |      |          |                |             |              |               | T02N R08W S02 T0100 |               |                |                |             |           |       |
| Twp                 | Rge | Sec                 | Tract | Type |          |                |             | Acres        | Plots         | Sample Trees        |               |                | Page:          | 1           |           |       |
| 02N                 | 08W | 02                  | 1     | 0100 |          |                |             | 106.00       | 39            | 128                 |               |                | Date:          | 05/12/2025  |           |       |
|                     |     |                     |       |      |          |                |             |              |               |                     |               |                |                | Time:       | 8:55:47AM |       |
| S<br>Spc            | T   | Sample              |       | FF   | Av<br>Ht | Trees/<br>Acre | BA/<br>Acre | Logs<br>Acre | Average Log   |                     | Tons/<br>Acre | Net            | Net            | T o t a l s |           |       |
|                     |     | DBH                 | Trees | 16'  | Tot      |                |             |              | Net<br>Cu.Ft. | Net<br>Bd.Ft.       |               | Cu.Ft.<br>Acre | Bd.Ft.<br>Acre | Tons        | Cunits    | MBF   |
| DF                  |     | 10                  | 1     | 81   | 152      | 2.929          | 1.60        | 2.93         | 14.8          | 60.0                | 1.24          | 43             | 176            | 131         | 46        | 19    |
| DF                  |     | 11                  | 2     | 67   | 93       | 4.842          | 3.20        |              |               |                     |               |                |                |             |           |       |
| DF                  |     | 16                  | 1     | 82   | 110      | 1.144          | 1.60        | 2.29         | 26.2          | 95.0                | 1.71          | 60             | 217            | 181         | 64        | 23    |
| DF                  |     | 17                  | 2     | 82   | 93       | 2.027          | 3.20        | 4.05         | 26.5          | 92.5                | 3.06          | 107            | 375            | 325         | 114       | 40    |
| DF                  |     | 18                  | 1     | 83   | 92       | .904           | 1.60        | 1.81         | 30.6          | 105.0               | 1.58          | 55             | 190            | 167         | 59        | 20    |
| DF                  |     | 19                  | 2     | 84   | 102      | 1.623          | 3.20        | 3.25         | 35.6          | 125.0               | 3.29          | 116            | 406            | 349         | 122       | 43    |
| DF                  |     | 21                  | 4     | 84   | 103      | 2.657          | 6.39        | 5.98         | 38.8          | 132.2               | 6.61          | 232            | 790            | 701         | 246       | 84    |
| DF                  |     | 22                  | 7     | 83   | 102      | 4.236          | 11.18       | 9.08         | 45.0          | 154.0               | 11.64         | 409            | 1,398          | 1,234       | 433       | 148   |
| DF                  |     | 24                  | 2     | 82   | 114      | 1.017          | 3.20        | 2.54         | 50.8          | 200.0               | 3.68          | 129            | 509            | 390         | 137       | 54    |
| DF                  |     | 25                  | 3     | 83   | 122      | 1.406          | 4.79        | 3.75         | 54.6          | 221.2               | 5.83          | 205            | 830            | 618         | 217       | 88    |
| DF                  |     | 26                  | 3     | 82   | 121      | 1.300          | 4.79        | 3.47         | 58.2          | 236.3               | 5.75          | 202            | 819            | 610         | 214       | 87    |
| DF                  |     | 27                  | 1     | 83   | 109      | .402           | 1.60        | .80          | 75.7          | 290.0               | 1.73          | 61             | 233            | 184         | 64        | 25    |
| DF                  |     | 28                  | 4     | 83   | 120      | 1.494          | 6.39        | 3.36         | 73.0          | 314.4               | 6.99          | 245            | 1,057          | 741         | 260       | 112   |
| DF                  |     | 29                  | 5     | 83   | 118      | 1.742          | 7.99        | 3.83         | 81.5          | 348.2               | 8.90          | 312            | 1,334          | 944         | 331       | 141   |
| DF                  |     | 30                  | 4     | 82   | 125      | 1.302          | 6.39        | 3.91         | 71.7          | 318.3               | 7.98          | 280            | 1,243          | 846         | 297       | 132   |
| DF                  |     | 31                  | 1     | 86   | 105      | .305           | 1.60        |              |               |                     |               |                |                |             |           |       |
| DF                  |     | 32                  | 2     | 80   | 110      | .572           | 3.20        | .57          | 157.0         | 645.0               | 2.56          | 90             | 369            | 271         | 95        | 39    |
| DF                  |     | 33                  | 1     | 80   | 128      | .269           | 1.60        | .81          | 86.5          | 366.7               | 1.99          | 70             | 296            | 211         | 74        | 31    |
| DF                  |     | 34                  | 3     | 82   | 134      | .760           | 4.79        | 2.28         | 95.4          | 422.2               | 6.20          | 218            | 963            | 657         | 231       | 102   |
| DF                  |     | 35                  | 1     | 83   | 144      | .239           | 1.60        | .72          | 108.6         | 533.3               | 2.22          | 78             | 383            | 235         | 83        | 41    |
| DF                  |     | 36                  | 1     | 86   | 130      | .226           | 1.60        | .68          | 111.6         | 566.7               | 2.16          | 76             | 384            | 229         | 80        | 41    |
| DF                  |     | 42                  | 1     | 85   | 60       | .166           | 1.60        |              |               |                     |               |                |                |             |           |       |
| DF                  |     | Totals              | 52    | 80   | 111      | 31.562         | 83.08       | 56.10        | 53.3          | 213.4               | 85.14         | 2,988          | 11,972         | 9,025       | 3,167     | 1,269 |
| RA                  |     | 11                  | 4     | 70   | 84       | 11.364         | 7.50        | 14.21        | 15.3          | 44.0                | 5.98          | 217            | 625            | 634         | 230       | 66    |
| RA                  |     | 12                  | 6     | 71   | 102      | 14.324         | 11.25       | 23.87        | 15.1          | 48.0                | 9.90          | 360            | 1,146          | 1,049       | 382       | 121   |
| RA                  |     | 13                  | 4     | 71   | 99       | 8.137          | 7.50        | 12.21        | 19.3          | 48.3                | 6.47          | 235            | 590            | 686         | 249       | 63    |
| RA                  |     | 14                  | 11    | 74   | 92       | 19.293         | 20.63       | 26.31        | 21.9          | 55.3                | 15.85         | 576            | 1,456          | 1,680       | 611       | 154   |
| RA                  |     | 15                  | 12    | 73   | 80       | 18.335         | 22.50       | 27.50        | 25.3          | 62.8                | 19.15         | 696            | 1,727          | 2,030       | 738       | 183   |
| RA                  |     | 16                  | 2     | 79   | 85       | 2.686          | 3.75        | 2.69         | 24.3          | 75.0                | 1.80          | 65             | 201            | 190         | 69        | 21    |
| RA                  |     | 17                  | 7     | 75   | 85       | 8.327          | 13.13       | 15.46        | 28.0          | 78.5                | 11.89         | 433            | 1,213          | 1,261       | 458       | 129   |
| RA                  |     | 18                  | 7     | 76   | 78       | 7.427          | 13.13       | 13.79        | 30.3          | 79.2                | 11.49         | 418            | 1,093          | 1,218       | 443       | 116   |
| RA                  |     | 19                  | 3     | 77   | 60       | 2.857          | 5.63        | 3.81         | 39.1          | 87.5                | 4.09          | 149            | 333            | 434         | 158       | 35    |
| RA                  |     | 20                  | 1     | 77   | 87       | .859           | 1.88        | 1.72         | 38.5          | 115.0               | 1.82          | 66             | 198            | 193         | 70        | 21    |
| RA                  |     | 21                  | 2     | 76   | 68       | 1.559          | 3.75        | 2.34         | 46.9          | 90.0                | 3.02          | 110            | 210            | 320         | 116       | 22    |
| RA                  |     | 22                  | 2     | 70   | 70       | 1.421          | 3.75        | 2.13         | 53.2          | 96.7                | 3.12          | 113            | 206            | 331         | 120       | 22    |
| RA                  |     | 23                  | 1     | 77   | 72       | .650           | 1.88        | 1.30         | 43.7          | 90.0                | 1.56          | 57             | 117            | 166         | 60        | 12    |
| RA                  |     | 24                  | 1     | 71   | 75       | .597           | 1.88        | 1.19         | 52.1          | 100.0               | 1.71          | 62             | 119            | 181         | 66        | 13    |
| RA                  |     | 25                  | 1     | 82   | 85       | .550           | 1.88        | 1.65         | 39.2          | 160.0               | 1.78          | 65             | 264            | 189         | 69        | 28    |
| RA                  |     | Totals              | 64    | 73   | 87       | 98.386         | 120.00      | 150.18       | 24.1          | 63.2                | 99.63         | 3,623          | 9,499          | 10,561      | 3,840     | 1,007 |
| BM                  |     | 13                  | 2     | 69   | 89       | 2.671          | 2.46        | 1.34         | 26.7          | 50.0                | .95           | 36             | 67             | 100         | 38        | 7     |
| BM                  |     | 14                  | 1     | 67   | 61       | 1.151          | 1.23        |              |               |                     |               |                |                |             |           |       |
| BM                  |     | 15                  | 1     | 75   | 59       | 1.003          | 1.23        | 1.00         | 31.9          | 40.0                | .85           | 32             | 40             | 90          | 34        | 4     |
| BM                  |     | 17                  | 4     | 68   | 60       | 3.123          | 4.92        | 2.34         | 35.1          | 80.0                | 2.18          | 82             | 187            | 231         | 87        | 20    |
| BM                  |     | 19                  | 2     | 73   | 58       | 1.250          | 2.46        | .63          | 56.8          | 160.0               | .94           | 36             | 100            | 100         | 38        | 11    |
| BM                  |     | Totals              | 10    | 70   | 68       | 9.198          | 12.31       | 5.31         | 35.0          | 74.3                | 4.91          | 185            | 394            | 521         | 197       | 42    |
| NF                  |     | 18                  | 2     | 88   | 58       | 1.161          | 2.05        | 1.16         | 40.4          | 120.0               | 1.12          | 47             | 139            | 119         | 50        | 15    |
| NF                  |     | Totals              | 2     | 88   | 58       | 1.161          | 2.05        | 1.16         | 40.4          | 120.0               | 1.12          | 47             | 139            | 119         | 50        | 15    |
| Totals              |     |                     | 128   | 75   | 91       | 140.307        | 217.44      | 212.74       | 32.2          | 103.4               | 190.81        | 6843           | 22,004         | 20,226      | 7,253     | 2,332 |



| TC TLOGSTVB         |     |        |       | Log Stock Table - MBF |        |           |              |         |       |                                          |      |           |           |       |       |       |       |       |       |       |     |  |
|---------------------|-----|--------|-------|-----------------------|--------|-----------|--------------|---------|-------|------------------------------------------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-----|--|
|                     |     |        |       | Project: TP           |        |           |              |         |       |                                          |      |           |           |       |       |       |       |       |       |       |     |  |
| T02N R08W S02 T0100 |     |        |       |                       |        |           |              |         |       | T02N R08W S02 T0100                      |      |           |           |       |       |       |       |       |       |       |     |  |
| Twp                 | Rge | Sec    | Tract | Type                  | Acres  | Plots     | Sample Trees |         |       |                                          | Page | 2         |           |       |       |       |       |       |       |       |     |  |
| 02N                 | 08W | 02     | 2     | 0100                  | 109.00 | 40        | 194          |         |       |                                          | Date | 5/12/2025 |           |       |       |       |       |       |       |       |     |  |
|                     |     |        |       |                       |        |           |              |         |       |                                          |      | Time      | 7:27:48AM |       |       |       |       |       |       |       |     |  |
| Spp                 | T   | S      | So Gr | 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+ |  |
| RA                  |     | H      | 4     | 38                    |        | 5         |              | 5       | 1.4   |                                          |      | 5         |           |       |       |       |       |       |       |       |     |  |
| RA                  |     | H      | 4     | 39                    |        | 7         | 16.7         | 6       | 1.5   |                                          |      | 6         |           |       |       |       |       |       |       |       |     |  |
| RA                  |     | H      | 4     | 40                    |        | 211       | 2.0          | 207     | 55.7  |                                          |      | 74        | 133       |       |       |       |       |       |       |       |     |  |
| RA                  |     | Totals |       |                       |        | 389       | 4.6          | 371     | 13.0  |                                          |      | 155       | 144       | 72    |       |       |       |       |       |       |     |  |
| WH                  |     | CO     | 2     | 40                    |        | 29        | 7.3          | 27      | 88.2  |                                          |      |           |           |       |       | 27    |       |       |       |       |     |  |
| WH                  |     | CO     | 3     | 23                    |        | 1         |              | 1       | 4.9   |                                          |      |           | 1         |       |       |       |       |       |       |       |     |  |
| WH                  |     | CO     | 3     | 34                    |        | 2         |              | 2       | 6.9   |                                          |      | 2         |           |       |       |       |       |       |       |       |     |  |
| WH                  |     | Totals |       |                       |        | 32        | 6.5          | 30      | 1.1   |                                          |      | 2         | 1         |       |       | 27    |       |       |       |       |     |  |
| BM                  |     | H      | 2     | 23                    |        | 5         | 21.4         | 4       | 25.3  |                                          |      |           |           | 4     |       |       |       |       |       |       |     |  |
| BM                  |     | H      | 2     | 26                    |        | 7         | 12.5         | 6       | 35.5  |                                          |      |           |           | 6     |       |       |       |       |       |       |     |  |
| BM                  |     | H      | 3     | 30                    |        | 6         | 18.2         | 5       | 31.6  |                                          |      |           |           | 5     |       |       |       |       |       |       |     |  |
| BM                  |     | H      | 4     | 24                    |        | 1         |              | 1       | 7.6   |                                          |      | 1         |           |       |       |       |       |       |       |       |     |  |
| BM                  |     | Totals |       |                       |        | 20        | 16.0         | 17      | .6    |                                          |      | 1         |           | 5     | 10    |       |       |       |       |       |     |  |
| NF                  |     | CO     | 2     | 12                    |        | 3         |              | 3       | 17.4  |                                          |      |           |           |       |       | 3     |       |       |       |       |     |  |
| NF                  |     | CO     | 2     | 40                    |        | 13        |              | 13      | 82.6  |                                          |      |           |           |       |       |       |       | 13    |       |       |     |  |
| NF                  |     | Totals |       |                       |        | 16        |              | 16      | .6    |                                          |      |           |           |       |       | 3     |       | 13    |       |       |     |  |
| Total All Species   |     |        |       |                       |        | 2,915     | 2.2          | 2,850   | 100.0 |                                          |      | 314       | 425       | 573   | 740   | 360   | 240   | 166   | 13    | 19    |     |  |

| TC                  |        | Stand Table Summary |       |      |         |        |              |             |            |                     |        |        |             |        |       |  |
|---------------------|--------|---------------------|-------|------|---------|--------|--------------|-------------|------------|---------------------|--------|--------|-------------|--------|-------|--|
| Project             |        |                     |       |      |         |        |              |             |            | TP                  |        |        |             |        |       |  |
| T02N R08W S02 T0100 |        |                     |       |      |         |        |              |             |            | T02N R08W S02 T0100 |        |        |             |        |       |  |
| Twp                 | Rge    | Sec                 | Tract | Type | Acres   | Plots  | Sample Trees | Page:       | 1          |                     |        |        |             |        |       |  |
| 02N                 | 08W    | 02                  | 2     | 0100 | 109.00  | 40     | 194          | Date:       | 05/12/2025 |                     |        |        |             |        |       |  |
|                     |        |                     |       |      |         |        |              |             | Time:      | 7:27:50AM           |        |        |             |        |       |  |
| S<br>Spc            | T      | Av                  |       |      |         |        |              | Average Log |            | Net                 |        | Net    | T o t a l s |        |       |  |
|                     |        | Sample              | FF    | Ht   | Trees/  | BA/    | Logs         | Net         | Net        | Tons/               | Cu.Ft. | Bd.Ft. | Tons        | Cunits | MBF   |  |
| DBH                 | Trees  | 16'                 | Tot   | Acre | Acre    | Acre   | Cu.Ft.       | Bd.Ft.      | Acre       | Acre                | Acre   |        |             |        |       |  |
| DF                  | 9      | 2                   | 84    | 85   | 6.497   | 2.87   | 6.50         | 10.6        | 40.0       | 1.97                | 69     | 260    | 215         | 75     | 28    |  |
| DF                  | 10     | 2                   | 83    | 72   | 5.263   | 2.87   | 5.26         | 12.2        | 50.0       | 1.83                | 64     | 263    | 199         | 70     | 29    |  |
| DF                  | 11     | 5                   | 82    | 99   | 10.873  | 7.18   | 19.57        | 11.4        | 44.4       | 6.37                | 224    | 870    | 695         | 244    | 95    |  |
| DF                  | 12     | 5                   | 83    | 91   | 9.137   | 7.18   | 18.27        | 12.1        | 44.0       | 6.28                | 220    | 804    | 684         | 240    | 88    |  |
| DF                  | 13     | 5                   | 83    | 98   | 7.785   | 7.18   | 15.57        | 15.1        | 57.0       | 6.71                | 235    | 887    | 731         | 257    | 97    |  |
| DF                  | 14     | 3                   | 81    | 92   | 4.028   | 4.31   | 8.06         | 17.1        | 58.3       | 3.91                | 137    | 470    | 427         | 150    | 51    |  |
| DF                  | 15     | 13                  | 82    | 97   | 15.203  | 18.66  | 26.90        | 21.2        | 71.3       | 16.24               | 570    | 1,918  | 1,771       | 621    | 209   |  |
| DF                  | 16     | 14                  | 84    | 91   | 14.390  | 20.09  | 25.70        | 23.1        | 85.2       | 16.94               | 594    | 2,189  | 1,846       | 648    | 239   |  |
| DF                  | 17     | 22                  | 84    | 96   | 20.031  | 31.57  | 35.51        | 27.5        | 100.8      | 27.85               | 977    | 3,578  | 3,036       | 1,065  | 390   |  |
| DF                  | 18     | 14                  | 82    | 96   | 11.370  | 20.09  | 19.49        | 31.6        | 106.7      | 17.56               | 616    | 2,079  | 1,914       | 671    | 227   |  |
| DF                  | 19     | 7                   | 83    | 103  | 5.102   | 10.05  | 11.66        | 31.1        | 108.1      | 10.35               | 363    | 1,261  | 1,128       | 396    | 137   |  |
| DF                  | 20     | 12                  | 83    | 97   | 7.894   | 17.22  | 15.13        | 38.4        | 127.0      | 16.56               | 581    | 1,921  | 1,805       | 633    | 209   |  |
| DF                  | 21     | 7                   | 84    | 113  | 4.177   | 10.05  | 9.55         | 35.4        | 136.3      | 9.64                | 338    | 1,301  | 1,051       | 369    | 142   |  |
| DF                  | 22     | 8                   | 82    | 83   | 4.349   | 11.48  | 7.07         | 47.9        | 147.7      | 9.64                | 338    | 1,044  | 1,051       | 369    | 114   |  |
| DF                  | 23     | 3                   | 82    | 117  | 1.492   | 4.31   | 3.48         | 46.1        | 194.3      | 4.58                | 161    | 676    | 499         | 175    | 74    |  |
| DF                  | 24     | 6                   | 83    | 104  | 2.741   | 8.61   | 5.03         | 59.2        | 220.0      | 8.48                | 298    | 1,106  | 925         | 324    | 121   |  |
| DF                  | 25     | 2                   | 81    | 83   | .842    | 2.87   | 1.26         | 51.8        | 156.7      | 1.87                | 65     | 198    | 203         | 71     | 22    |  |
| DF                  | 27     | 4                   | 82    | 94   | 1.444   | 5.74   | 2.17         | 70.4        | 250.0      | 4.35                | 152    | 541    | 474         | 166    | 59    |  |
| DF                  | 28     | 2                   | 88    | 119  | .671    | 2.87   | 2.01         | 61.0        | 276.7      | 3.50                | 123    | 557    | 381         | 134    | 61    |  |
| DF                  | 39     | 1                   | 77    | 119  | .173    | 1.44   | .52          | 115.0       | 470.0      | 1.70                | 60     | 244    | 185         | 65     | 27    |  |
| DF                  | Totals | 137                 | 83    | 95   | 133.462 | 196.62 | 238.70       | 25.9        | 92.9       | 176.32              | 6,187  | 22,168 | 19,219      | 6,743  | 2,416 |  |
| RA                  | 10     | 1                   | 64    | 66   | 2.020   | 1.10   | 2.02         | 5.1         | 10.0       | .29                 | 10     | 20     | 31          | 11     | 2     |  |
| RA                  | 12     | 5                   | 76    | 81   | 7.013   | 5.51   | 8.42         | 18.5        | 55.0       | 4.27                | 155    | 463    | 466         | 169    | 50    |  |
| RA                  | 13     | 4                   | 72    | 86   | 4.781   | 4.41   | 7.17         | 16.7        | 45.0       | 3.29                | 120    | 323    | 359         | 131    | 35    |  |
| RA                  | 14     | 4                   | 83    | 81   | 4.122   | 4.41   | 7.21         | 19.1        | 64.3       | 3.80                | 138    | 464    | 414         | 151    | 51    |  |
| RA                  | 15     | 7                   | 79    | 68   | 6.284   | 7.71   | 8.98         | 22.2        | 65.0       | 5.49                | 199    | 584    | 598         | 217    | 64    |  |
| RA                  | 16     | 10                  | 76    | 65   | 7.890   | 11.02  | 9.47         | 30.4        | 70.8       | 7.90                | 287    | 671    | 862         | 313    | 73    |  |
| RA                  | 17     | 2                   | 82    | 69   | 1.398   | 2.20   | 1.40         | 40.5        | 120.0      | 1.56                | 57     | 168    | 170         | 62     | 18    |  |
| RA                  | 18     | 4                   | 78    | 62   | 2.494   | 4.41   | 2.49         | 44.9        | 92.5       | 3.08                | 112    | 231    | 336         | 122    | 25    |  |
| RA                  | 19     | 5                   | 77    | 63   | 2.798   | 5.51   | 3.92         | 38.2        | 75.7       | 4.12                | 150    | 297    | 449         | 163    | 32    |  |
| RA                  | 20     | 1                   | 72    | 85   | .505    | 1.10   | 1.01         | 36.1        | 60.0       | 1.00                | 36     | 61     | 109         | 40     | 7     |  |
| RA                  | 21     | 1                   | 68    | 67   | .458    | 1.10   | .46          | 71.7        | 120.0      | .90                 | 33     | 55     | 98          | 36     | 6     |  |
| RA                  | 23     | 1                   | 82    | 60   | .382    | 1.10   | .38          | 70.9        | 180.0      | .74                 | 27     | 69     | 81          | 30     | 7     |  |
| RA                  | Totals | 45                  | 76    | 73   | 40.144  | 49.57  | 52.92        | 25.0        | 64.3       | 36.44               | 1,325  | 3,403  | 3,972       | 1,444  | 371   |  |
| WH                  | 27     | 1                   | 80    | 91   | .317    | 1.26   | .63          | 70.9        | 200.0      | 1.44                | 45     | 127    | 157         | 49     | 14    |  |
| WH                  | 32     | 1                   | 83    | 78   | .226    | 1.26   | .45          | 92.9        | 330.0      | 1.34                | 42     | 149    | 146         | 46     | 16    |  |
| WH                  | Totals | 2                   | 81    | 86   | .543    | 2.52   | 1.09         | 80.0        | 254.1      | 2.78                | 87     | 276    | 303         | 95     | 30    |  |
| BM                  | 17     | 1                   | 82    | 53   | .533    | .84    | .53          | 31.8        | 90.0       | .45                 | 17     | 48     | 49          | 18     | 5     |  |
| BM                  | 20     | 1                   | 82    | 63   | .385    | .84    | .77          | 26.9        | 85.0       | .55                 | 21     | 65     | 60          | 23     | 7     |  |
| BM                  | 21     | 1                   | 78    | 47   | .349    | .84    | .35          | 41.0        | 110.0      | .38                 | 14     | 38     | 41          | 16     | 4     |  |
| BM                  | Totals | 3                   | 81    | 54   | 1.268   | 2.52   | 1.65         | 31.5        | 91.9       | 1.38                | 52     | 152    | 150         | 57     | 17    |  |
| NF                  | 31     | 1                   | 89    | 99   | .160    | .84    | .32          | 85.7        | 460.0      | .66                 | 27     | 147    | 72          | 30     | 16    |  |
| NF                  | Totals | 1                   | 89    | 99   | .160    | .84    | .32          | 85.7        | 460.0      | 0.66                | 27     | 147    | 72          | 30     | 16    |  |
| OC                  | 16     | 1                   | 72    | 35   | .602    | .84    |              |             |            |                     |        |        |             |        |       |  |
| OC                  | 18     | 1                   | 57    | 25   | .475    | .84    |              |             |            |                     |        |        |             |        |       |  |
| OC                  | 19     | 1                   | 71    | 33   | .427    | .84    |              |             |            |                     |        |        |             |        |       |  |
| OC                  | 22     | 1                   | 65    | 29   | .318    | .84    |              |             |            |                     |        |        |             |        |       |  |
| OC                  | 25     | 1                   | 88    | 95   | .246    | .84    |              |             |            |                     |        |        |             |        |       |  |

| TC TSTNDSUM         |     |        |       | Stand Table Summary |        |         |        |             |      |                     |              |        |             |        |            |       |  |  |  |
|---------------------|-----|--------|-------|---------------------|--------|---------|--------|-------------|------|---------------------|--------------|--------|-------------|--------|------------|-------|--|--|--|
| Project             |     |        |       |                     |        |         |        | TP          |      |                     |              |        |             |        |            |       |  |  |  |
| T02N R08W S02 T0100 |     |        |       |                     |        |         |        |             |      | T02N R08W S02 T0100 |              |        |             |        |            |       |  |  |  |
| Twp                 | Rge | Sec    | Tract | Type                |        |         |        | Acres       |      | Plots               | Sample Trees |        |             | Page:  | 2          |       |  |  |  |
| 02N                 | 08W | 02     | 2     | 0100                |        |         |        | 109.00      |      | 40                  | 194          |        |             | Date:  | 05/12/2025 |       |  |  |  |
|                     |     |        |       |                     |        |         |        |             |      |                     |              |        |             | Time:  | 7:27:50AM  |       |  |  |  |
| S<br>Spc            | T   | Sample |       | Av                  | Trees/ |         |        | Average Log |      | Net                 |              | Net    | T o t a l s |        |            |       |  |  |  |
|                     |     | DBH    | Trees | FF Ht               | Trees/ | BA/     | Logs   | Net         | Net  | Tons/               | Cu.Ft.       | Bd.Ft. |             |        |            |       |  |  |  |
| 16'                 |     | Tot    | Acre  | Acre                | Acre   | Cu.Ft.  | Bd.Ft. | Acre        | Acre | Acre                | Tons         | Cunits | MBF         |        |            |       |  |  |  |
| OC                  |     | 30     | 1     | 89                  | 94     | .171    | .84    |             |      |                     |              |        |             |        |            |       |  |  |  |
| OC                  |     | Totals | 6     | 71                  | 43     | 2.240   | 5.04   |             |      |                     |              |        |             |        |            |       |  |  |  |
| Totals              |     |        | 194   | 81                  | 89     | 177.817 | 257.12 | 294.68      | 26.1 | 88.7                | 217.57       | 7678   | 26,146      | 23,716 | 8,369      | 2,850 |  |  |  |

| TC                  |         | TLOGSTVB |                  | Log Stock Table - MBF |          |            |              |                                          |           |                     |           |       |       |       |       |       |       |       |     |  |  |
|---------------------|---------|----------|------------------|-----------------------|----------|------------|--------------|------------------------------------------|-----------|---------------------|-----------|-------|-------|-------|-------|-------|-------|-------|-----|--|--|
|                     |         |          |                  | Project: TP           |          |            |              |                                          |           |                     |           |       |       |       |       |       |       |       |     |  |  |
| T02N R08W S11 T0100 |         |          |                  |                       |          |            |              |                                          |           | T02N R08W S11 T0100 |           |       |       |       |       |       |       |       |     |  |  |
| Twp                 | Rge     | Sec      | Tract            | Type                  | Acres    | Plots      | Sample Trees | Page                                     | 1         |                     |           |       |       |       |       |       |       |       |     |  |  |
| 02N                 | 08W     | 11       | 3A               | 0100                  | 50.00    | 20         | 50           | Date                                     | 5/12/2025 |                     |           |       |       |       |       |       |       |       |     |  |  |
|                     |         |          |                  |                       |          |            |              |                                          |           | Time                | 7:29:30AM |       |       |       |       |       |       |       |     |  |  |
| S<br>Spp            | So<br>T | Gr<br>rt | Log<br>de<br>Len | Gross<br>MBF          | %<br>Def | Net<br>MBF | %<br>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                  |         | CO       | 2                | 40                    | 415      | 3.1        | 402          | 78.1                                     |           |                     |           |       | 103   | 158   | 122   | 20    |       |       |     |  |  |
| DF                  |         | CO       | 3                | 23                    | 1        |            | 1            | .3                                       |           |                     |           | 1     |       |       |       |       |       |       |     |  |  |
| DF                  |         | CO       | 3                | 40                    | 86       |            | 86           | 16.7                                     |           |                     | 32        | 31    | 23    |       |       |       |       |       |     |  |  |
| DF                  |         | CO       | 4                | 12                    | 0        |            | 0            | .1                                       |           |                     | 0         |       |       |       |       |       |       |       |     |  |  |
| DF                  |         | CO       | 4                | 13                    | 1        |            | 1            | .2                                       |           |                     | 1         |       |       |       |       |       |       |       |     |  |  |
| DF                  |         | CO       | 4                | 14                    | 1        |            | 1            | .2                                       |           |                     | 1         |       |       |       |       |       |       |       |     |  |  |
| DF                  |         | CO       | 4                | 15                    | 1        |            | 1            | .2                                       |           |                     | 1         |       |       |       |       |       |       |       |     |  |  |
| DF                  |         | CO       | 4                | 16                    | 2        |            | 2            | .5                                       |           | 2                   |           |       |       |       |       |       |       |       |     |  |  |
| DF                  |         | CO       | 4                | 20                    | 1        |            | 1            | .3                                       |           | 1                   |           |       |       |       |       |       |       |       |     |  |  |
| DF                  |         | CO       | 4                | 25                    | 3        |            | 3            | .6                                       |           | 2                   | 1         |       |       |       |       |       |       |       |     |  |  |
| DF                  |         | CO       | 4                | 32                    | 2        |            | 2            | .3                                       |           | 2                   |           |       |       |       |       |       |       |       |     |  |  |
| DF                  |         | CO       | 4                | 36                    | 5        |            | 5            | .9                                       |           | 5                   |           |       |       |       |       |       |       |       |     |  |  |
| DF                  |         | CO       | 4                | 38                    | 3        |            | 3            | .5                                       |           | 3                   |           |       |       |       |       |       |       |       |     |  |  |
| DF                  |         | CO       | 4                | 40                    | 7        |            | 7            | 1.3                                      |           | 7                   |           |       |       |       |       |       |       |       |     |  |  |
| DF                  |         | Totals   |                  |                       | 528      | 2.5        | 515          | 43.5                                     |           | 21                  | 36        | 32    | 23    | 103   | 158   | 122   | 20    |       |     |  |  |
| WH                  |         | CO       | 2                | 14                    | 4        |            | 4            | .8                                       |           |                     |           |       | 4     |       |       |       |       |       |     |  |  |
| WH                  |         | CO       | 2                | 40                    | 479      |            | 479          | 85.8                                     |           |                     |           |       | 41    | 47    | 280   | 84    | 27    |       |     |  |  |
| WH                  |         | CO       | 3                | 28                    | 2        |            | 2            | .3                                       |           |                     | 2         |       |       |       |       |       |       |       |     |  |  |
| WH                  |         | CO       | 3                | 30                    | 5        |            | 5            | .9                                       |           |                     | 5         |       |       |       |       |       |       |       |     |  |  |
| WH                  |         | CO       | 3                | 33                    | 5        |            | 5            | 1.0                                      |           |                     | 3         | 3     |       |       |       |       |       |       |     |  |  |
| WH                  |         | CO       | 3                | 40                    | 50       |            | 50           | 9.0                                      |           |                     | 9         | 8     | 33    |       |       |       |       |       |     |  |  |
| WH                  |         | CO       | 4                | 12                    | 1        |            | 1            | .1                                       |           |                     | 1         |       |       |       |       |       |       |       |     |  |  |
| WH                  |         | CO       | 4                | 18                    | 2        |            | 2            | .4                                       |           | 2                   |           |       |       |       |       |       |       |       |     |  |  |
| WH                  |         | CO       | 4                | 19                    | 2        |            | 2            | .3                                       |           |                     | 2         |       |       |       |       |       |       |       |     |  |  |
| WH                  |         | CO       | 4                | 29                    | 2        |            | 2            | .4                                       |           | 2                   |           |       |       |       |       |       |       |       |     |  |  |
| WH                  |         | CO       | 4                | 31                    | 2        |            | 2            | .4                                       |           |                     | 2         |       |       |       |       |       |       |       |     |  |  |
| WH                  |         | CO       | 4                | 38                    | 3        |            | 3            | .5                                       |           | 3                   |           |       |       |       |       |       |       |       |     |  |  |
| WH                  |         | Totals   |                  |                       | 558      |            | 558          | 47.1                                     |           | 7                   | 16        | 18    | 33    | 46    | 47    | 280   | 84    | 27    |     |  |  |
| NF                  |         | CO       | 2                | 25                    | 5        |            | 5            | 4.3                                      |           |                     |           |       | 5     |       |       |       |       |       |     |  |  |
| NF                  |         | CO       | 2                | 40                    | 106      |            | 106          | 95.7                                     |           |                     |           |       |       |       |       | 33    |       | 73    |     |  |  |
| NF                  |         | Totals   |                  |                       | 110      |            | 110          | 9.3                                      |           |                     |           |       | 5     |       |       | 33    |       | 73    |     |  |  |
| Total All Species   |         |          |                  |                       | 1,197    | 1.1        | 1,184        | 100.0                                    |           | 29                  | 52        | 50    | 56    | 153   | 205   | 402   | 137   | 27    | 73  |  |  |

| TC                  |   | TSTNDSUM |       |       |          |                |             |              |             |       |               |        |        |                | Stand Table Summary |        |             |       |  |            |  |  |  |  |  |  |  |  |  |
|---------------------|---|----------|-------|-------|----------|----------------|-------------|--------------|-------------|-------|---------------|--------|--------|----------------|---------------------|--------|-------------|-------|--|------------|--|--|--|--|--|--|--|--|--|
| Project             |   |          |       |       |          |                |             |              |             |       |               |        |        |                | TP                  |        |             |       |  |            |  |  |  |  |  |  |  |  |  |
| T02N R08W S11 T0100 |   |          |       |       |          |                |             |              |             |       |               |        |        |                | T02N R08W S11 T0100 |        |             |       |  |            |  |  |  |  |  |  |  |  |  |
| Twp                 |   | Rge      |       | Sec   |          | Tract          |             | Type         |             |       | Acres         |        | Plots  |                | Sample Trees        |        |             | Page: |  | 1          |  |  |  |  |  |  |  |  |  |
| 02N                 |   | 08W      |       | 11    |          | 3A             |             | 0100         |             |       | 50.00         |        | 20     |                | 50                  |        |             | Date: |  | 05/12/2025 |  |  |  |  |  |  |  |  |  |
|                     |   |          |       |       |          |                |             |              |             |       |               |        |        |                |                     |        |             | Time: |  | 7:29:32AM  |  |  |  |  |  |  |  |  |  |
| S<br>Spc            | T | Sample   |       | FF    | Av<br>Ht | Trees/<br>Acre | BA/<br>Acre | Logs<br>Acre | Average Log |       | Tons/<br>Acre | Net    | Net    | Cu.Ft.<br>Acre | Net                 | Bd.Ft. | T o t a l s |       |  |            |  |  |  |  |  |  |  |  |  |
|                     |   | DBH      | Trees | 16'   | Tot      |                |             |              | Net         | Net   |               | Cu.Ft. | Bd.Ft. |                | Tons                | Cunits | MBF         |       |  |            |  |  |  |  |  |  |  |  |  |
| WH                  |   | 17       | 1     | 88    | 73       | 2.379          | 3.75        | 4.76         | 22.5        | 85.0  | 3.42          | 107    | 404    | 171            | 53                  | 20     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| WH                  |   | 22       | 2     | 85    | 87       | 2.841          | 7.50        | 5.68         | 46.3        | 167.5 | 8.42          | 263    | 952    | 421            | 132                 | 48     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| WH                  |   | 24       | 2     | 87    | 99       | 2.388          | 7.50        | 5.97         | 50.1        | 204.0 | 9.58          | 299    | 1,218  | 479            | 150                 | 61     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| WH                  |   | 25       | 2     | 87    | 107      | 2.200          | 7.50        | 5.50         | 55.4        | 248.0 | 9.75          | 305    | 1,364  | 487            | 152                 | 68     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| WH                  |   | 27       | 2     | 85    | 97       | 1.886          | 7.50        | 3.77         | 75.6        | 280.0 | 9.12          | 285    | 1,056  | 456            | 143                 | 53     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| WH                  |   | 28       | 2     | 85    | 95       | 1.754          | 7.50        | 3.51         | 79.5        | 302.5 | 8.92          | 279    | 1,061  | 446            | 139                 | 53     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| WH                  |   | 29       | 3     | 84    | 91       | 2.453          | 11.25       | 4.91         | 83.8        | 310.0 | 13.15         | 411    | 1,521  | 658            | 205                 | 76     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| WH                  |   | 30       | 2     | 84    | 89       | 1.528          | 7.50        | 3.06         | 77.7        | 292.5 | 7.59          | 237    | 894    | 380            | 119                 | 45     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| WH                  |   | 31       | 2     | 88    | 103      | 1.431          | 7.50        | 2.86         | 108.4       | 475.0 | 9.93          | 310    | 1,359  | 496            | 155                 | 68     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| WH                  |   | 35       | 1     | 82    | 113      | .561           | 3.75        | 1.12         | 137.6       | 590.0 | 4.94          | 154    | 662    | 247            | 77                  | 33     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| WH                  |   | 36       | 1     | 83    | 108      | .531           | 3.75        | 1.06         | 146.7       | 625.0 | 4.98          | 156    | 663    | 249            | 78                  | 33     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| WH                  |   | Totals   |       | 20    | 86 94    | 19.953         | 75.01       | 42.20        | 66.5        | 264.4 | 89.80         | 2,806  | 11,155 | 4,490          | 1,403               | 558    |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | 15       | 1     | 82    | 76       | 2.342          | 2.87        | 4.68         | 17.7        | 55.0  | 2.36          | 83     | 258    | 118            | 41                  | 13     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | 19       | 2     | 84    | 92       | 2.919          | 5.75        | 5.84         | 31.9        | 107.5 | 5.32          | 187    | 628    | 266            | 93                  | 31     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | 20       | 2     | 84    | 96       | 2.635          | 5.75        | 5.27         | 37.1        | 120.0 | 5.58          | 196    | 632    | 279            | 98                  | 32     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | 21       | 3     | 85    | 94       | 3.584          | 8.62        | 7.17         | 41.7        | 130.0 | 8.51          | 299    | 932    | 426            | 149                 | 47     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | 22       | 3     | 83    | 97       | 3.266          | 8.62        | 6.53         | 47.0        | 158.3 | 8.74          | 307    | 1,034  | 437            | 153                 | 52     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | 23       | 5     | 84    | 100      | 4.980          | 14.37       | 9.96         | 52.4        | 168.0 | 14.88         | 522    | 1,673  | 744            | 261                 | 84     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | 24       | 5     | 84    | 103      | 4.574          | 14.37       | 10.98        | 48.5        | 183.3 | 15.19         | 533    | 2,012  | 759            | 266                 | 101    |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | 25       | 4     | 83    | 113      | 3.372          | 11.50       | 6.74         | 61.5        | 240.0 | 11.83         | 415    | 1,619  | 591            | 207                 | 81     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | 26       | 1     | 82    | 121      | .779           | 2.87        | 2.34         | 51.3        | 210.0 | 3.42          | 120    | 491    | 171            | 60                  | 25     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | 27       | 1     | 83    | 111      | .723           | 2.87        | 1.45         | 75.7        | 290.0 | 3.12          | 109    | 419    | 156            | 55                  | 21     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | 28       | 1     | 81    | 42       | .672           | 2.87        |              |             |       |               |        |        |                |                     |        |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | 33       | 1     | 83    | 131      | .484           | 2.87        | 1.45         | 89.4        | 420.0 | 3.70          | 130    | 610    | 185            | 65                  | 30     |             |       |  |            |  |  |  |  |  |  |  |  |  |
| DF                  |   | Totals   |       | 29    | 84 98    | 30.330         | 83.34       | 62.41        | 46.5        | 165.2 | 82.64         | 2,900  | 10,308 | 4,132          | 1,450               | 515    |             |       |  |            |  |  |  |  |  |  |  |  |  |
| NF                  |   | 44       | 1     | 92    | 128      | .789           | 8.33        | 2.37         | 170.5       | 933.3 | 9.69          | 404    | 2,210  | 484            | 202                 | 110    |             |       |  |            |  |  |  |  |  |  |  |  |  |
| NF                  |   | Totals   |       | 1     | 92 128   | .789           | 8.33        | 2.37         | 170.5       | 933.3 | 9.69          | 404    | 2,210  | 484            | 202                 | 110    |             |       |  |            |  |  |  |  |  |  |  |  |  |
| Totals              |   | 50       |       | 85 97 |          | 51.072         | 166.68      | 106.98       | 57.1        | 221.3 | 182.13        | 6110   | 23,673 | 9,106          | 3,055               | 1,184  |             |       |  |            |  |  |  |  |  |  |  |  |  |

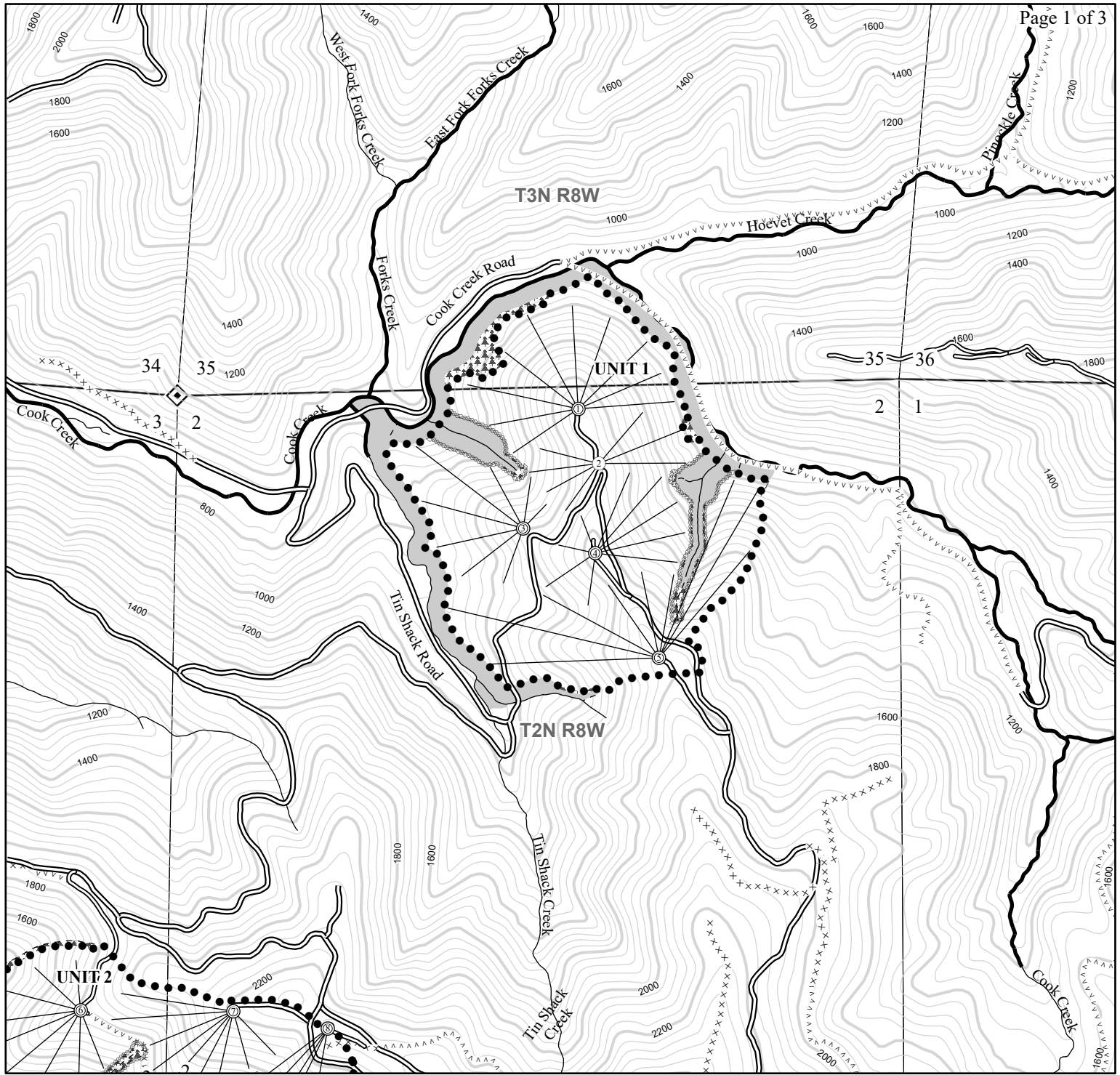
| TC                  |     | TLOGSTVB |       | Log Stock Table - MBF |       |       |              |       |           |                     |                                          |     |     |     |       |       |       |       |       |       |       |     |
|---------------------|-----|----------|-------|-----------------------|-------|-------|--------------|-------|-----------|---------------------|------------------------------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|
|                     |     |          |       | Project: TP           |       |       |              |       |           |                     |                                          |     |     |     |       |       |       |       |       |       |       |     |
| T02N R08W S11 T0100 |     |          |       |                       |       |       |              |       |           | T02N R08W S11 T0100 |                                          |     |     |     |       |       |       |       |       |       |       |     |
| Twp                 | Rge | Sec      | Tract | Type                  | Acres | Plots | Sample Trees | Page  | 1         |                     |                                          |     |     |     |       |       |       |       |       |       |       |     |
| 02N                 | 08W | 11       | 3B    | 0100                  | 22.00 | 9     | 65           | Date  | 6/10/2025 |                     |                                          |     |     |     |       |       |       |       |       |       |       |     |
|                     |     |          |       |                       |       |       |              |       |           | Time                | 11:22:11AM                               |     |     |     |       |       |       |       |       |       |       |     |
| Spp                 | T   | S        | So    | Gr                    | 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                  |     | CO       | 2     |                       | 40    |       | 233          |       | 233       | 39.3                |                                          |     |     |     | 129   |       | 39    | 42    |       | 22    |       |     |
| DF                  |     | CO       | 3     |                       | 15    |       | 1            |       | 1         | .2                  |                                          |     |     |     | 1     |       |       |       |       |       |       |     |
| DF                  |     | CO       | 3     |                       | 30    |       | 2            |       | 2         | .4                  |                                          |     | 2   |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 3     |                       | 40    |       | 289          | .3    | 289       | 48.7                |                                          |     | 60  | 109 | 119   |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 13    |       | 1            |       | 1         | .2                  |                                          | 1   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 14    |       | 1            |       | 1         | .2                  |                                          | 1   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 15    |       | 1            |       | 1         | .1                  |                                          |     | 1   |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 17    |       | 4            |       | 4         | .6                  |                                          | 4   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 18    |       | 12           |       | 12        | 2.0                 |                                          | 12  |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 20    |       | 2            |       | 2         | .3                  |                                          | 2   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 22    |       | 2            |       | 2         | .3                  |                                          | 2   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 23    |       | 2            |       | 2         | .4                  |                                          | 2   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 24    |       | 4            |       | 4         | .7                  |                                          | 4   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 25    |       | 3            | 33.3  | 2         | .3                  |                                          | 2   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 27    |       | 2            |       | 2         | .3                  |                                          | 2   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 28    |       | 3            |       | 3         | .5                  |                                          | 3   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 30    |       | 8            |       | 8         | 1.4                 |                                          | 8   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 31    |       | 2            |       | 2         | .3                  |                                          | 2   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 34    |       | 3            |       | 3         | .6                  |                                          | 3   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 37    |       | 3            |       | 3         | .5                  |                                          | 3   |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO       | 4     |                       | 40    |       | 17           |       | 17        | 2.8                 |                                          | 17  |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | Totals   |       |                       |       |       | 594          |       | 592       | 60.8                |                                          | 67  |     | 63  | 109   | 120   | 129   | 39    | 42    |       | 22    |     |
| WH                  |     | CO       | 2     |                       | 40    |       | 108          |       | 108       | 31.1                |                                          |     |     |     | 59    |       | 33    | 16    |       |       |       |     |
| WH                  |     | CO       | 3     |                       | 27    |       | 5            |       | 5         | 1.3                 |                                          |     |     |     | 5     |       |       |       |       |       |       |     |
| WH                  |     | CO       | 3     |                       | 40    |       | 162          |       | 162       | 46.6                |                                          |     | 67  | 23  | 72    |       |       |       |       |       |       |     |
| WH                  |     | CO       | 4     |                       | 12    |       | 1            |       | 1         | .2                  |                                          | 1   |     |     |       |       |       |       |       |       |       |     |
| WH                  |     | CO       | 4     |                       | 14    |       | 3            |       | 3         | .9                  |                                          | 3   |     |     |       |       |       |       |       |       |       |     |
| WH                  |     | CO       | 4     |                       | 15    |       | 4            |       | 4         | 1.2                 |                                          | 4   |     |     |       |       |       |       |       |       |       |     |
| WH                  |     | CO       | 4     |                       | 16    |       | 1            |       | 1         | .4                  |                                          | 1   |     |     |       |       |       |       |       |       |       |     |
| WH                  |     | CO       | 4     |                       | 18    |       | 1            |       | 1         | .3                  |                                          | 1   |     |     |       |       |       |       |       |       |       |     |
| WH                  |     | CO       | 4     |                       | 21    |       | 2            |       | 2         | .5                  |                                          | 2   |     |     |       |       |       |       |       |       |       |     |
| WH                  |     | CO       | 4     |                       | 22    |       | 2            |       | 2         | .5                  |                                          | 2   |     |     |       |       |       |       |       |       |       |     |
| WH                  |     | CO       | 4     |                       | 28    |       | 3            |       | 3         | .8                  |                                          | 3   |     |     |       |       |       |       |       |       |       |     |
| WH                  |     | CO       | 4     |                       | 29    |       | 11           |       | 11        | 3.0                 |                                          | 11  |     |     |       |       |       |       |       |       |       |     |
| WH                  |     | CO       | 4     |                       | 30    |       | 3            |       | 3         | .9                  |                                          | 3   |     |     |       |       |       |       |       |       |       |     |
| WH                  |     | CO       | 4     |                       | 34    |       | 17           |       | 17        | 5.0                 |                                          | 17  |     |     |       |       |       |       |       |       |       |     |
| WH                  |     | CO       | 4     |                       | 40    |       | 25           |       | 25        | 7.3                 |                                          | 25  |     |     |       |       |       |       |       |       |       |     |
| WH                  |     | Totals   |       |                       |       |       | 348          |       | 348       | 35.7                |                                          | 73  |     | 67  | 23    | 77    | 59    | 33    | 16    |       |       |     |
| NF                  |     | CO       | 2     |                       | 40    |       | 28           |       | 28        | 82.7                |                                          |     |     |     |       |       |       | 13    | 15    |       |       |     |
| NF                  |     | CO       | 3     |                       | 40    |       | 6            | 3.5   | 6         | 17.3                |                                          |     |     | 2   | 4     |       |       |       |       |       |       |     |
| NF                  |     | Totals   |       |                       |       |       | 34           |       | 34        | 3.5                 |                                          |     |     | 2   | 4     |       |       | 13    | 15    |       |       |     |
| Total All Species   |     |          |       |                       |       |       | 976          |       | 974       | 100.0               |                                          | 139 |     | 130 | 135   | 201   | 189   | 73    | 71    | 15    | 22    |     |

| TC                  |   | TSTNDSUM |       |           |           |                |             |              |               |               |               |        |        |       | Stand Table Summary |             |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------|---|----------|-------|-----------|-----------|----------------|-------------|--------------|---------------|---------------|---------------|--------|--------|-------|---------------------|-------------|------------|-------|--|------------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                     |   |          |       |           |           |                |             |              |               |               |               |        |        |       | Project             |             |            |       |  |            | TP |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| T02N R08W S11 T0100 |   |          |       |           |           |                |             |              |               |               |               |        |        |       | T02N R08W S11 T0100 |             |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Twp                 |   | Rge      |       | Sec       |           | Tract          |             | Type         |               |               | Acres         |        | Plots  |       | Sample Trees        |             |            | Page: |  | 1          |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 02N                 |   | 08W      |       | 11        |           | 3B             |             | 0100         |               |               | 22.00         |        | 9      |       | 65                  |             |            | Date: |  | 06/10/2025 |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     |   |          |       |           |           |                |             |              |               |               |               |        |        |       | Time:               |             | 11:22:12AM |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| S<br>Spc            | T | Sample   |       | Av        |           | Trees/<br>Acre | BA/<br>Acre | Logs<br>Acre | Average Log   |               | Tons/<br>Acre | Net    |        | Net   |                     | T o t a l s |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     |   | DBH      | Trees | FF<br>16' | Ht<br>Tot |                |             |              | Net<br>Cu.Ft. | Net<br>Bd.Ft. |               | Cu.Ft. | Bd.Ft. | Tons  | Cunits              | MBF         |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 9        | 1     | 83        | 84        | 15.219         | 6.72        | 15.22        | 11.6          | 40.0          | 5.02          | 176    | 609    | 110   | 39                  | 13          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 12       | 3     | 84        | 77        | 25.682         | 20.17       | 34.24        | 15.0          | 55.0          | 14.68         | 515    | 1,883  | 323   | 113                 | 41          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 14       | 1     | 86        | 82        | 6.290          | 6.72        | 12.58        | 14.9          | 55.0          | 5.34          | 187    | 692    | 117   | 41                  | 15          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 15       | 4     | 86        | 79        | 21.916         | 26.89       | 38.35        | 19.8          | 68.6          | 21.63         | 759    | 2,630  | 476   | 167                 | 58          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 16       | 2     | 82        | 73        | 9.631          | 13.45       | 14.45        | 24.6          | 70.0          | 10.14         | 356    | 1,011  | 223   | 78                  | 22          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 17       | 5     | 82        | 77        | 21.328         | 33.62       | 42.66        | 23.3          | 72.0          | 28.37         | 995    | 3,071  | 624   | 219                 | 68          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 18       | 5     | 83        | 66        | 19.024         | 33.62       | 26.63        | 28.5          | 77.1          | 21.61         | 758    | 2,055  | 475   | 167                 | 45          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 19       | 3     | 86        | 87        | 10.245         | 20.17       | 20.49        | 32.7          | 113.3         | 19.08         | 670    | 2,322  | 420   | 147                 | 51          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 20       | 4     | 85        | 93        | 12.328         | 26.89       | 24.66        | 37.3          | 131.3         | 26.21         | 920    | 3,236  | 577   | 202                 | 71          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 21       | 4     | 83        | 80        | 11.181         | 26.89       | 22.36        | 36.7          | 110.0         | 23.37         | 820    | 2,460  | 514   | 180                 | 54          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 22       | 1     | 82        | 85        | 2.547          | 6.72        | 5.09         | 43.6          | 135.0         | 6.32          | 222    | 688    | 139   | 49                  | 15          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 23       | 1     | 83        | 80        | 2.330          | 6.72        | 4.66         | 45.2          | 135.0         | 6.01          | 211    | 629    | 132   | 46                  | 14          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 24       | 1     | 83        | 103       | 2.140          | 6.72        | 4.28         | 58.6          | 215.0         | 7.15          | 251    | 920    | 157   | 55                  | 20          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 25       | 2     | 85        | 105       | 3.945          | 13.45       | 9.86         | 52.2          | 214.0         | 14.68         | 515    | 2,110  | 323   | 113                 | 46          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 27       | 1     | 93        | 110       | 1.691          | 6.72        | 3.38         | 78.9          | 375.0         | 7.61          | 267    | 1,268  | 167   | 59                  | 28          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | 38       | 1     | 83        | 119       | .854           | 6.72        | 2.56         | 110.6         | 520.0         | 8.07          | 283    | 1,332  | 178   | 62                  | 29          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| DF                  |   | Totals   | 39    | 84        | 80        | 166.351        | 262.22      | 281.48       | 28.1          | 95.6          | 225.29        | 7,905  | 26,917 | 4,956 | 1,739               | 592         |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 8        | 3     | 87        | 71        | 48.162         | 16.81       | 48.16        | 7.9           | 36.7          | 12.23         | 382    | 1,766  | 269   | 84                  | 39          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 9        | 2     | 87        | 91        | 25.369         | 11.21       | 25.37        | 11.2          | 50.0          | 9.12          | 285    | 1,268  | 201   | 63                  | 28          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 10       | 2     | 89        | 89        | 20.549         | 11.21       | 30.82        | 9.3           | 43.3          | 9.16          | 286    | 1,336  | 201   | 63                  | 29          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 11       | 1     | 89        | 74        | 8.491          | 5.60        | 8.49         | 14.8          | 60.0          | 4.03          | 126    | 509    | 89    | 28                  | 11          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 13       | 1     | 82        | 82        | 6.080          | 5.60        | 12.16        | 13.4          | 45.0          | 5.22          | 163    | 547    | 115   | 36                  | 12          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 16       | 2     | 90        | 83        | 8.027          | 11.21       | 16.05        | 22.0          | 87.5          | 11.30         | 353    | 1,405  | 248   | 78                  | 31          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 17       | 2     | 84        | 87        | 7.110          | 11.21       | 14.22        | 27.0          | 97.5          | 12.27         | 383    | 1,387  | 270   | 84                  | 31          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 18       | 3     | 87        | 103       | 9.513          | 16.81       | 25.37        | 27.1          | 107.5         | 22.01         | 688    | 2,727  | 484   | 151                 | 60          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 19       | 1     | 82        | 64        | 2.846          | 5.60        | 5.69         | 27.2          | 80.0          | 4.95          | 155    | 455    | 109   | 34                  | 10          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 20       | 2     | 89        | 102       | 5.137          | 11.21       | 12.84        | 34.8          | 140.0         | 14.31         | 447    | 1,798  | 315   | 98                  | 40          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 21       | 1     | 82        | 85        | 2.330          | 5.60        | 4.66         | 41.2          | 135.0         | 6.14          | 192    | 629    | 135   | 42                  | 14          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 22       | 1     | 91        | 98        | 2.123          | 5.60        | 4.25         | 48.3          | 230.0         | 6.56          | 205    | 977    | 144   | 45                  | 21          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 23       | 1     | 72        | 68        | 1.942          | 5.60        | 1.94         | 38.5          | 90.0          | 2.39          | 75     | 175    | 53    | 16                  | 4           |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | 24       | 1     | 88        | 97        | 1.784          | 5.60        | 3.57         | 58.7          | 230.0         | 6.71          | 210    | 821    | 148   | 46                  | 18          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WH                  |   | Totals   | 23    | 87        | 83        | 149.464        | 128.89      | 213.60       | 18.5          | 74.0          | 126.41        | 3,950  | 15,799 | 2,781 | 869                 | 348         |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NF                  |   | 27       | 1     | 89        | 101       | 1.118          | 4.44        | 2.24         | 75.7          | 310.0         | 4.06          | 169    | 693    | 89    | 37                  | 15          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NF                  |   | 29       | 1     | 89        | 112       | .969           | 4.44        | 1.94         | 93.0          | 435.0         | 4.33          | 180    | 843    | 95    | 40                  | 19          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| NF                  |   | Totals   | 2     | 89        | 106       | 2.087          | 8.89        | 4.17         | 83.7          | 368.0         | 8.39          | 349    | 1,536  | 185   | 77                  | 34          |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| OC                  |   | 21       | 1     | 80        | 46        | 1.848          | 4.44        |              |               |               |               |        |        |       |                     |             |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| OC                  |   | Totals   | 1     | 80        | 46        | 1.848          | 4.44        |              |               |               |               |        |        |       |                     |             |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Totals              |   |          | 65    | 85        | 81        | 319.749        | 404.44      | 499.25       | 24.4          | 88.6          | 360.08        | 12205  | 44,252 | 7,922 | 2,685               | 974         |            |       |  |            |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|                     |     |        |       |                       |     |              |          |              |          |                                          |           |     |     |       |       |       |       |       |       |       |     |
|---------------------|-----|--------|-------|-----------------------|-----|--------------|----------|--------------|----------|------------------------------------------|-----------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-----|
| TC TLOGSTVB         |     |        |       | Log Stock Table - MBF |     |              |          |              |          |                                          |           |     |     |       |       |       |       |       |       |       |     |
|                     |     |        |       | Project: TP           |     |              |          |              |          |                                          |           |     |     |       |       |       |       |       |       |       |     |
| T02N R08W S14 T0100 |     |        |       |                       |     |              |          |              |          | T02N R08W S14 T0100                      |           |     |     |       |       |       |       |       |       |       |     |
| Twp                 | Rge | Sec    | Tract | Type                  |     | Acres        | Plots    | Sample Trees |          | Page                                     | 1         |     |     |       |       |       |       |       |       |       |     |
| 02N                 | 08W | 14     | 4     | 0100                  |     | 119.00       | 38       | 139          |          | Date                                     | 5/12/2025 |     |     |       |       |       |       |       |       |       |     |
|                     |     |        |       |                       |     |              |          |              |          | Time                                     | 7:32:23AM |     |     |       |       |       |       |       |       |       |     |
| Spp                 | S   | So     | Gr    | Log                   | Len | Gross<br>MBF | %<br>Def | Net<br>MBF   | %<br>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                  |     | CO     | 2     | 40                    |     | 655          |          | 655          | 25.7     |                                          |           |     |     | 368   | 99    | 124   | 64    |       |       |       |     |
| DF                  |     | CO     | 3     | 32                    |     | 3            |          | 3            | .1       |                                          |           |     | 3   |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 3     | 40                    |     | 1,259        | .2       | 1,256        | 49.2     |                                          |           | 425 | 308 | 486   | 37    |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 12                    |     | 4            |          | 4            | .2       |                                          | 4         |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 13                    |     | 9            |          | 9            | .4       |                                          | 9         |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 14                    |     | 6            |          | 6            | .2       |                                          | 6         |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 15                    |     | 10           |          | 10           | .4       |                                          |           | 10  |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 16                    |     | 6            |          | 6            | .2       |                                          | 6         |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 17                    |     | 2            |          | 2            | .1       |                                          |           | 2   |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 18                    |     | 21           |          | 21           | .8       |                                          | 21        |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 19                    |     | 12           |          | 12           | .5       |                                          | 12        |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 20                    |     | 11           |          | 11           | .4       |                                          | 9         |     | 2   |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 21                    |     | 15           |          | 15           | .6       |                                          | 15        |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 22                    |     | 4            |          | 4            | .2       |                                          | 4         |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 23                    |     | 20           |          | 20           | .8       |                                          | 18        | 2   |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 24                    |     | 4            |          | 4            | .2       |                                          | 4         |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 25                    |     | 12           |          | 12           | .5       |                                          | 12        |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 27                    |     | 18           |          | 18           | .7       |                                          | 16        | 2   |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 28                    |     | 3            |          | 3            | .1       |                                          | 3         |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 30                    |     | 21           |          | 21           | .8       |                                          | 21        |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 31                    |     | 31           |          | 31           | 1.2      |                                          | 31        |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 32                    |     | 8            |          | 8            | .3       |                                          | 8         |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 34                    |     | 17           |          | 17           | .7       |                                          | 17        |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 35                    |     | 4            |          | 4            | .2       |                                          | 4         |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 36                    |     | 54           |          | 54           | 2.1      |                                          | 54        |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 37                    |     | 25           |          | 25           | 1.0      |                                          | 25        |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 38                    |     | 18           |          | 18           | .7       |                                          | 18        |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 39                    |     | 51           |          | 51           | 2.0      |                                          | 51        |     |     |       |       |       |       |       |       |       |     |
| DF                  |     | CO     | 4     | 40                    |     | 251          |          | 251          | 9.8      |                                          | 182       | 69  |     |       |       |       |       |       |       |       |     |
| DF                  |     | Totals |       |                       |     | 2,557        |          | 2,554        | 78.3     |                                          | 551       | 511 | 313 | 486   | 405   | 99    | 124   | 64    |       |       |     |
| RA                  |     | H      | 2     | 40                    |     | 39           |          | 39           | 9.3      |                                          |           |     |     | 39    |       |       |       |       |       |       |     |
| RA                  |     | H      | 3     | 40                    |     | 58           | 2.8      | 56           | 13.3     |                                          |           |     |     | 38    | 18    |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 12                    |     | 2            |          | 2            | .4       |                                          |           | 2   |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 13                    |     | 6            |          | 6            | 1.5      |                                          |           | 6   |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 14                    |     | 4            |          | 4            | .9       |                                          |           | 4   |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 15                    |     | 3            |          | 3            | .8       |                                          |           | 3   |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 18                    |     | 17           |          | 17           | 4.1      |                                          |           | 17  |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 20                    |     | 3            |          | 3            | .7       |                                          |           | 3   |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 21                    |     | 4            | 33.3     | 3            | .6       |                                          |           | 3   |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 22                    |     | 5            |          | 5            | 1.2      |                                          |           | 5   |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 24                    |     | 4            |          | 4            | 1.0      |                                          |           | 4   |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 25                    |     | 5            |          | 5            | 1.1      |                                          |           | 5   |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 27                    |     | 2            |          | 2            | .6       |                                          |           | 2   |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 34                    |     | 6            |          | 6            | 1.4      |                                          |           | 6   |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 37                    |     | 29           | 5.3      | 27           | 6.4      |                                          |           | 27  |     |       |       |       |       |       |       |       |     |
| RA                  |     | H      | 4     | 40                    |     | 243          | 2.0      | 238          | 56.5     |                                          |           | 81  | 157 |       |       |       |       |       |       |       |     |
| RA                  |     | Totals |       |                       |     | 430          | 2.2      | 421          | 12.9     |                                          |           | 169 | 157 | 38    | 57    |       |       |       |       |       |     |
| WH                  |     | CO     | 2     | 40                    |     | 160          | 1.5      | 158          | 69.9     |                                          |           |     |     | 32    | 31    | 94    |       |       |       |       |     |
| WH                  |     | CO     | 3     | 40                    |     | 38           | 2.4      | 37           | 16.5     |                                          |           | 3   | 7   | 27    |       |       |       |       |       |       |     |

| TC TLOGSTVB         |     |        |       | Log Stock Table - MBF |        |       |              |       |                                          |                     |     |     |     |     |     |     |       |       |       |       |
|---------------------|-----|--------|-------|-----------------------|--------|-------|--------------|-------|------------------------------------------|---------------------|-----|-----|-----|-----|-----|-----|-------|-------|-------|-------|
|                     |     |        |       | Project:              |        |       |              |       |                                          |                     |     | TP  |     |     |     |     |       |       |       |       |
| T02N R08W S14 T0100 |     |        |       |                       |        |       |              |       |                                          | T02N R08W S14 T0100 |     |     |     |     |     |     |       |       |       |       |
| Twp                 | Rge | Sec    | Tract | Type                  | Acres  | Plots | Sample Trees | Page  | 2                                        |                     |     |     |     |     |     |     |       |       |       |       |
| 02N                 | 08W | 14     | 4     | 0100                  | 119.00 | 38    | 139          | Date  | 5/12/2025                                |                     |     |     |     |     |     |     |       |       |       |       |
|                     |     |        |       |                       |        |       |              |       | Time                                     | 7:32:23AM           |     |     |     |     |     |     |       |       |       |       |
| Spp                 | S   | So     | Gr    | Log                   | Gross  | %     | Net          | %     | Net Volume by Scaling Diameter in Inches |                     |     |     |     |     |     |     |       |       |       |       |
|                     |     |        |       |                       |        |       |              |       | MBF                                      | Def                 | MBF | Spc | 2-3 | 4-5 | 6-7 | 8-9 | 10-11 | 12-13 | 14-15 | 16-19 |
| WH                  |     | CO     | 4     | 13                    | 2      |       | 2            | .7    |                                          |                     | 2   |     |     |     |     |     |       |       |       |       |
| WH                  |     | CO     | 4     | 17                    | 6      |       | 6            | 2.9   |                                          | 6                   |     |     |     |     |     |     |       |       |       |       |
| WH                  |     | CO     | 4     | 22                    | 1      |       | 1            | .5    |                                          | 1                   |     |     |     |     |     |     |       |       |       |       |
| WH                  |     | CO     | 4     | 28                    | 7      |       | 7            | 2.9   |                                          | 7                   |     |     |     |     |     |     |       |       |       |       |
| WH                  |     | CO     | 4     | 32                    | 7      |       | 7            | 2.9   |                                          | 7                   |     |     |     |     |     |     |       |       |       |       |
| WH                  |     | CO     | 4     | 35                    | 4      |       | 4            | 1.8   |                                          | 4                   |     |     |     |     |     |     |       |       |       |       |
| WH                  |     | CO     | 4     | 38                    | 3      |       | 3            | 1.2   |                                          | 3                   |     |     |     |     |     |     |       |       |       |       |
| WH                  |     | CO     | 4     | 40                    | 2      |       | 2            | .8    |                                          | 2                   |     |     |     |     |     |     |       |       |       |       |
| WH                  |     | Totals |       |                       | 229    | 1.5   | 226          | 6.9   |                                          | 29                  | 5   | 7   | 27  | 32  | 31  | 94  |       |       |       |       |
| NF                  |     | CO     | 2     | 40                    | 59     | 4.2   | 57           | 94.9  |                                          |                     |     |     |     | 10  |     |     | 30    | 17    |       |       |
| NF                  |     | CO     | 3     | 24                    | 2      | 25.0  | 1            | 1.9   |                                          |                     |     |     | 1   |     |     |     |       |       |       |       |
| NF                  |     | CO     | 3     | 40                    | 2      |       | 2            | 3.2   |                                          |                     | 2   |     |     |     |     |     |       |       |       |       |
| NF                  |     | Totals |       |                       | 63     | 4.5   | 60           | 1.8   |                                          |                     | 2   |     | 1   | 10  |     |     | 30    | 17    |       |       |
| Total All Species   |     |        |       |                       | 3,279  |       | 3,261        | 100.0 |                                          | 580                 | 686 | 477 | 551 | 495 | 140 | 218 | 94    | 17    |       |       |

| TC                  |     | Stand Table Summary |       |       |          |                |             |              |               |                     |               |                |                |             |           |       |
|---------------------|-----|---------------------|-------|-------|----------|----------------|-------------|--------------|---------------|---------------------|---------------|----------------|----------------|-------------|-----------|-------|
| TSTNDSUM            |     | Project TP          |       |       |          |                |             |              |               |                     |               |                |                |             |           |       |
| T02N R08W S14 T0100 |     |                     |       |       |          |                |             |              |               | T02N R08W S14 T0100 |               |                |                |             |           |       |
| Twp                 | Rge | Sec                 | Tract | Type  |          |                | Acres       |              | Plots         | Sample Trees        |               |                | Page:          | 1           |           |       |
| 02N                 | 08W | 14                  | 4     | 0100  |          |                | 119.00      |              | 38            | 139                 |               |                | Date:          | 05/12/2025  |           |       |
|                     |     |                     |       |       |          |                |             |              |               |                     |               |                |                | Time:       | 7:32:25AM |       |
| S<br>Spc            | T   | Sample              |       | FF    | Av<br>Ht | Trees/<br>Acre | BA/<br>Acre | Logs<br>Acre | Average Log   |                     | Tons/<br>Acre | Net            | Net            | T o t a l s |           |       |
|                     |     | DBH                 | Trees | 16'   | Tot      |                |             |              | Net<br>Cu.Ft. | Net<br>Bd.Ft.       |               | Cu.Ft.<br>Acre | Bd.Ft.<br>Acre | Tons        | Cunits    | MBF   |
| DF                  |     | 8                   | 1     | 78    | 74       | 5.475          | 1.91        | 5.47         | 8.7           | 40.0                | 1.36          | 48             | 219            | 162         | 57        | 26    |
| DF                  |     | 9                   | 5     | 76    | 67       | 21.629         | 9.56        | 25.95        | 8.1           | 28.3                | 6.00          | 211            | 735            | 714         | 251       | 88    |
| DF                  |     | 10                  | 5     | 81    | 99       | 17.520         | 9.56        | 21.02        | 12.6          | 43.3                | 7.56          | 265            | 911            | 899         | 316       | 108   |
| DF                  |     | 11                  | 9     | 81    | 78       | 26.062         | 17.20       | 34.75        | 12.8          | 40.8                | 12.70         | 446            | 1,419          | 1,511       | 530       | 169   |
| DF                  |     | 12                  | 12    | 81    | 81       | 29.199         | 22.93       | 43.80        | 14.2          | 46.7                | 17.75         | 623            | 2,044          | 2,112       | 741       | 243   |
| DF                  |     | 13                  | 5     | 81    | 89       | 10.367         | 9.56        | 18.66        | 15.2          | 50.0                | 8.11          | 285            | 933            | 965         | 339       | 111   |
| DF                  |     | 14                  | 8     | 82    | 81       | 14.302         | 15.29       | 25.03        | 16.9          | 52.9                | 12.02         | 422            | 1,323          | 1,430       | 502       | 157   |
| DF                  |     | 15                  | 5     | 82    | 90       | 7.786          | 9.56        | 15.57        | 19.8          | 67.0                | 8.78          | 308            | 1,043          | 1,045       | 367       | 124   |
| DF                  |     | 16                  | 12    | 83    | 91       | 16.425         | 22.93       | 30.11        | 24.8          | 86.8                | 21.32         | 748            | 2,614          | 2,537       | 890       | 311   |
| DF                  |     | 17                  | 7     | 81    | 94       | 8.487          | 13.38       | 16.97        | 26.5          | 89.3                | 12.82         | 450            | 1,516          | 1,526       | 535       | 180   |
| DF                  |     | 18                  | 5     | 84    | 109      | 5.407          | 9.56        | 10.81        | 32.9          | 119.0               | 10.13         | 355            | 1,287          | 1,205       | 423       | 153   |
| DF                  |     | 19                  | 9     | 82    | 105      | 8.736          | 17.20       | 19.41        | 32.7          | 113.5               | 18.07         | 634            | 2,203          | 2,150       | 755       | 262   |
| DF                  |     | 20                  | 5     | 84    | 105      | 4.380          | 9.56        | 8.76         | 39.1          | 139.0               | 9.76          | 343            | 1,218          | 1,162       | 408       | 145   |
| DF                  |     | 21                  | 3     | 82    | 113      | 2.384          | 5.73        | 4.77         | 32.0          | 116.7               | 4.35          | 153            | 556            | 518         | 182       | 66    |
| DF                  |     | 22                  | 2     | 82    | 103      | 1.448          | 3.82        | 2.90         | 48.3          | 160.0               | 3.99          | 140            | 463            | 475         | 167       | 55    |
| DF                  |     | 23                  | 3     | 82    | 109      | 1.987          | 5.73        | 4.64         | 47.0          | 168.6               | 6.21          | 218            | 782            | 739         | 259       | 93    |
| DF                  |     | 24                  | 1     | 72    | 81       | .608           | 1.91        | 1.22         | 50.4          | 100.0               | 1.75          | 61             | 122            | 208         | 73        | 14    |
| DF                  |     | 25                  | 1     | 80    | 126      | .561           | 1.91        | 1.68         | 47.3          | 193.3               | 2.27          | 80             | 325            | 270         | 95        | 39    |
| DF                  |     | 26                  | 2     | 83    | 125      | 1.037          | 3.82        | 2.59         | 62.9          | 262.0               | 4.64          | 163            | 679            | 553         | 194       | 81    |
| DF                  |     | 29                  | 1     | 82    | 112      | .417           | 1.91        | .83          | 86.7          | 340.0               | 2.06          | 72             | 283            | 245         | 86        | 34    |
| DF                  |     | 31                  | 1     | 82    | 125      | .365           | 1.91        | 1.09         | 74.4          | 326.7               | 2.32          | 81             | 357            | 276         | 97        | 43    |
| DF                  |     | 34                  | 1     | 82    | 141      | .303           | 1.91        | .91          | 99.6          | 476.7               | 2.58          | 91             | 433            | 307         | 108       | 52    |
| DF                  |     | Totals              |       | 103   | 81 87    | 184.883        | 196.84      | 296.96       | 20.9          | 72.3                | 176.55        | 6,195          | 21,466         | 21,009      | 7,372     | 2,554 |
| RA                  |     | 11                  | 4     | 81    | 101      | 10.846         | 7.16        | 16.27        | 13.1          | 50.0                | 5.87          | 213            | 813            | 698         | 254       | 97    |
| RA                  |     | 12                  | 1     | 82    | 106      | 2.278          | 1.79        | 4.56         | 13.8          | 55.0                | 1.73          | 63             | 251            | 206         | 75        | 30    |
| RA                  |     | 13                  | 1     | 80    | 76       | 1.941          | 1.79        | 1.94         | 23.8          | 70.0                | 1.27          | 46             | 136            | 151         | 55        | 16    |
| RA                  |     | 15                  | 3     | 76    | 88       | 4.375          | 5.37        | 8.75         | 19.7          | 53.3                | 4.74          | 173            | 467            | 565         | 205       | 56    |
| RA                  |     | 16                  | 4     | 79    | 80       | 5.126          | 7.16        | 8.97         | 24.4          | 68.6                | 6.02          | 219            | 615            | 717         | 261       | 73    |
| RA                  |     | 17                  | 3     | 77    | 85       | 3.406          | 5.37        | 6.81         | 25.8          | 76.7                | 4.83          | 176            | 522            | 575         | 209       | 62    |
| RA                  |     | 18                  | 2     | 84    | 88       | 2.025          | 3.58        | 4.05         | 30.2          | 105.0               | 3.36          | 122            | 425            | 400         | 145       | 51    |
| RA                  |     | 22                  | 1     | 78    | 85       | .678           | 1.79        | 1.36         | 45.6          | 125.0               | 1.70          | 62             | 169            | 202         | 74        | 20    |
| RA                  |     | 25                  | 1     | 82    | 67       | .525           | 1.79        | 1.05         | 50.2          | 130.0               | 1.45          | 53             | 136            | 173         | 63        | 16    |
| RA                  |     | Totals              |       | 20    | 80 91    | 31.201         | 35.79       | 53.76        | 21.0          | 65.8                | 30.97         | 1,126          | 3,535          | 3,686       | 1,340     | 421   |
| WH                  |     | 9                   | 1     | 77    | 23       | 2.723          | 1.20        | 2.72         | 4.9           | 20.0                | .43           | 13             | 54             | 51          | 16        | 6     |
| WH                  |     | 11                  | 2     | 80    | 45       | 3.646          | 2.41        | 3.65         | 11.9          | 30.0                | 1.39          | 44             | 109            | 166         | 52        | 13    |
| WH                  |     | 16                  | 1     | 83    | 43       | .862           | 1.20        | .86          | 23.9          | 40.0                | .66           | 21             | 34             | 78          | 24        | 4     |
| WH                  |     | 18                  | 2     | 80    | 87       | 1.362          | 2.41        | 1.36         | 48.7          | 145.0               | 2.12          | 66             | 197            | 253         | 79        | 23    |
| WH                  |     | 20                  | 1     | 86    | 95       | .551           | 1.20        | 1.10         | 41.1          | 140.0               | 1.45          | 45             | 154            | 173         | 54        | 18    |
| WH                  |     | 22                  | 1     | 86    | 124      | .456           | 1.20        | 1.37         | 40.1          | 176.7               | 1.75          | 55             | 242            | 209         | 65        | 29    |
| WH                  |     | 23                  | 1     | 80    | 98       | .417           | 1.20        | .83          | 54.8          | 150.0               | 1.46          | 46             | 125            | 174         | 54        | 15    |
| WH                  |     | 24                  | 2     | 83    | 107      | .766           | 2.41        | 1.53         | 64.1          | 242.5               | 3.14          | 98             | 371            | 374         | 117       | 44    |
| WH                  |     | 25                  | 1     | 88    | 112      | .353           | 1.20        | 1.06         | 51.5          | 233.3               | 1.75          | 55             | 247            | 208         | 65        | 29    |
| WH                  |     | 27                  | 2     | 83    | 114      | .605           | 2.41        | 1.21         | 71.6          | 297.5               | 2.77          | 87             | 360            | 330         | 103       | 43    |
| WH                  |     | Totals              |       | 14    | 81 62    | 11.740         | 16.84       | 15.70        | 33.7          | 120.7               | 16.93         | 529            | 1,895          | 2,014       | 630       | 226   |
| NF                  |     | 29                  | 1     | 89    | 146      | .229           | 1.05        | .69          | 78.7          | 396.7               | 1.30          | 54             | 273            | 155         | 64        | 32    |
| NF                  |     | 42                  | 1     | 85    | 131      | .109           | 1.05        | .33          | 151.7         | 706.7               | 1.20          | 50             | 232            | 142         | 59        | 28    |
| NF                  |     | Totals              |       | 2     | 88 141   | .339           | 2.11        | 1.02         | 102.3         | 496.7               | 2.50          | 104            | 505            | 297         | 124       | 60    |
| Totals              |     |                     | 139   | 81 86 |          | 228.162        | 251.58      | 367.43       | 21.6          | 74.6                | 226.94        | 7954           | 27,402         | 27,006      | 9,465     | 3,261 |



- ⊙ Landing To Be Constructed
- Landing Existing
- Cable Logging
- Timber Sale Boundary
- ~~~~~ Riparian Boundary
- Riparian Buffer
- 🌲 Green Tree Retention
- Type-F Stream
- Type-N Perennial Stream
- Type-N Seasonal Stream
- == Surfaced Road
- xxx Blocked Road
- vvvv Abandoned Road
- 200' Contour
- 40' Contour
- ▭ Sections
- ◆ Corners



NET ACRES

|        | GROUND | CABLE | TOTAL |
|--------|--------|-------|-------|
| UNIT 1 | 0      | 106   | 106   |
| UNIT 2 | 0      | 109   | 109   |
| UNIT 3 | 4      | 68    | 72    |
| UNIT 4 | 0      | 119   | 119   |
| TOTAL  | 4      | 402   | 406   |

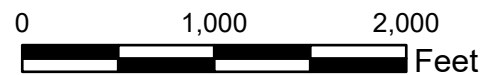
## LOGGING PLAN

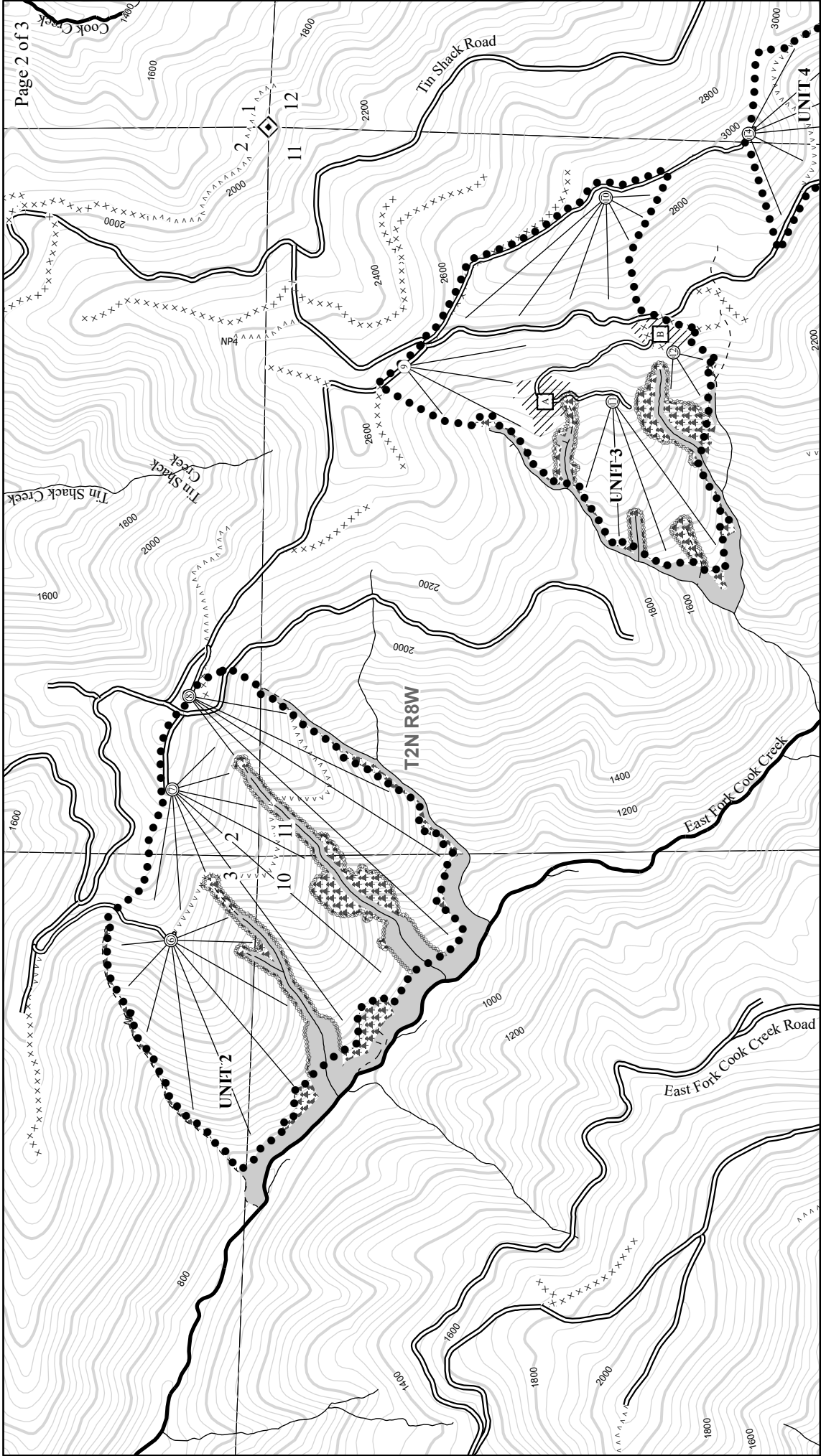
FOR TIMBER SALE CONTRACT TL-341-2026-W00962-01  
TIN PANTS  
PORTIONS OF SECTION 35 OF T3N R8W,  
SECTIONS 2, 3, 10, 11, 12, 13, 14 OF T2N R8W W.M.  
TILLAMOOK COUNTY, OREGON

Tillamook District GIS  
June 2025

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

1:12,000  
1 inch = 1,000 feet





# LOGGING PLAN

FOR TIMBER SALE CONTRACT TL-341-2026-W00962-01  
TIN PANTS  
PORTIONS OF SECTION 35 of T3N R8W,  
SECTIONS 2, 3, 10, 11, 12, 13, 14 of T2N R8W W.M.  
TILLAMOOK COUNTY, OREGON

Tillamook District GIS  
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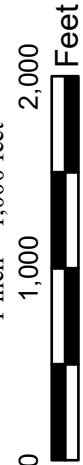
- Ground Landing
- Landing To Be Constructed
- Landing Existing
- Cable Logging
- Ground Based
- Timber Sale Boundary
- Riparian Boundary
- Riparian Buffer
- Green Tree Retention
- Type-F Stream
- Type-N Perennial Stream
- Type-N Seasonal Stream
- Surfaced Road
- Blocked Road
- Abandoned Road
- 200' Contour
- 40' Contour
- Sections
- Corners

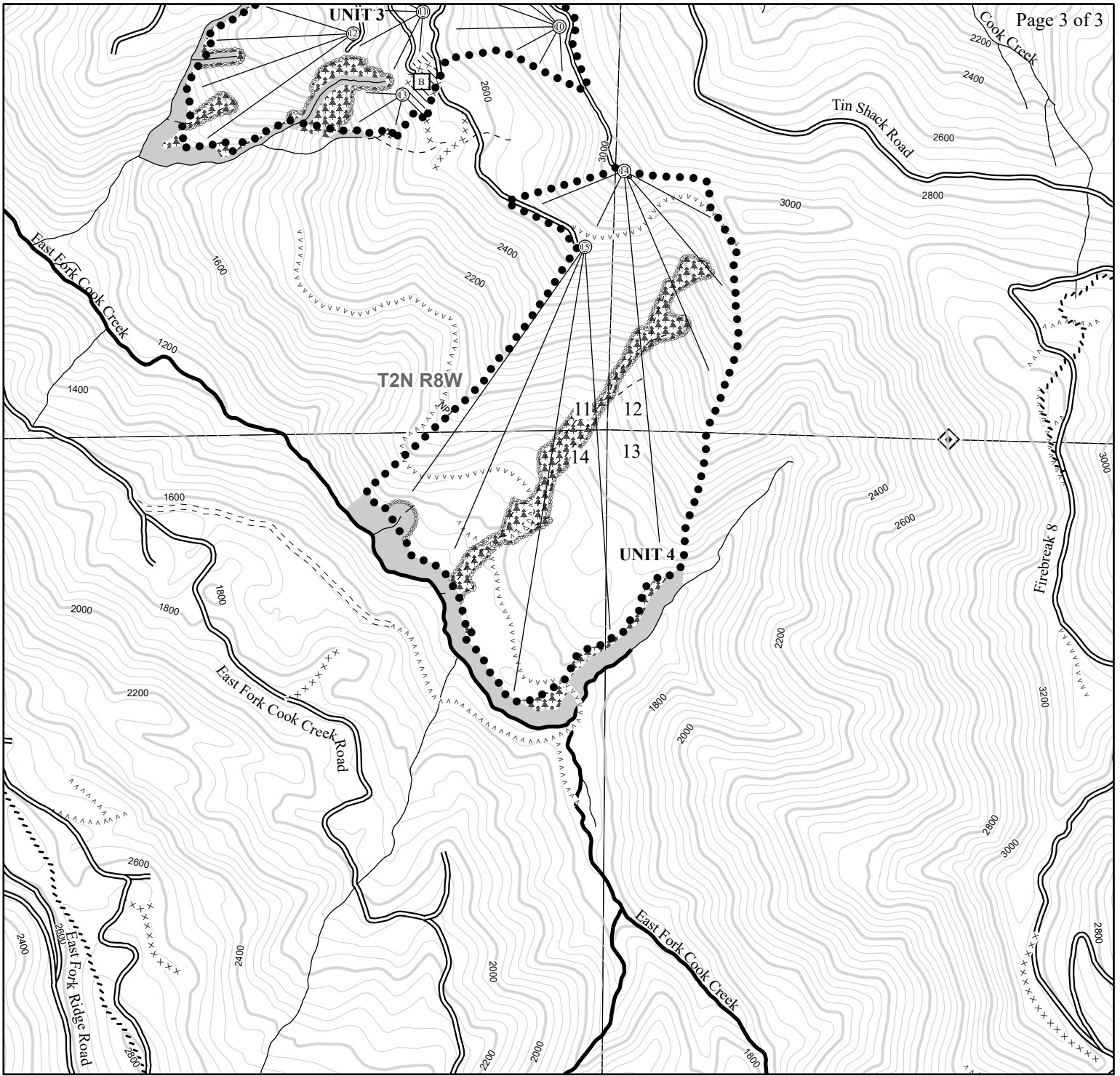
## NET ACRES

|        | GROUND | CABLE | TOTAL |
|--------|--------|-------|-------|
| UNIT 1 | 0      | 106   | 106   |
| UNIT 2 | 0      | 109   | 109   |
| UNIT 3 | 4      | 68    | 72    |
| UNIT 4 | 0      | 119   | 119   |
| TOTAL  | 4      | 402   | 406   |

1:12,000

1 inch = 1,000 feet





- Ground Landing
- ⊙ Landing To Be Constructed
- Cable Logging
- /// Ground Based
- Timber Sale Boundary
- ▨ Riparian Boundary
- ▨ Riparian Buffer
- ▲▲▲ Green Tree Retention
- Type-F Stream
- Type-N Perennial Stream
- - - Type-N Seasonal Stream
- == Surfed Road
- - - Unsurfaced Road
- x x - Blocked Road
- vvvv Abandoned Road
- //// Recreation Trail
- 200' Contour
- 40' Contour
- Sections
- ◇ Corners



## LOGGING PLAN

FOR TIMBER SALE CONTRACT TL-341-2026-W00962-01  
TIN PANTS  
PORTIONS OF SECTION 35 of T3N R8W,  
SECTIONS 2, 3, 10, 11, 12, 13, 14 of T2N R8W W.M.  
TILLAMOOK COUNTY, OREGON

Tillamook District GIS  
June 2025

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### NET ACRES

|        | GROUND | CABLE | TOTAL |
|--------|--------|-------|-------|
| UNIT 1 | 0      | 106   | 106   |
| UNIT 2 | 0      | 109   | 109   |
| UNIT 3 | 4      | 68    | 72    |
| UNIT 4 | 0      | 119   | 119   |
| TOTAL  | 4      | 402   | 406   |

1:12,000  
1 inch = 1,000 feet

