



"STAND FOR THE FOREST"

Timber Sale Appraisal Sheri's Gold

Sale TL-341-2015-106-

District: Tillamook

Date: April 13, 2015

Cost Summary

| | Conifer | Hardwood | Total |
|-------------------------|--------------|-------------------|---------------|
| Gross Timber Sale Value | \$240,132.48 | \$3,910.34 | \$244,042.82 |
| | | Project Work: | (\$24,790.00) |
| | | Advertised Value: | \$219,252.82 |



Timber Sale Appraisal Sheri's Gold

Sale TL-341-2015-106-

District: Tillamook

Date: April 13, 2015

Timber Description

Location: Portions of Sections 10, 15, and 16, T2S, R8W, W.M., Tillamook County, Oregon.

Stand Stocking: 20%

| Specie Name | AvgDBH | Amortization (%) | Recovery (%) |
|---------------|--------|------------------|--------------|
| Douglas - Fir | 12 | 0 | 95 |
| Noble Fir | 19 | 0 | 95 |
| Alder (Red) | 17 | 0 | 90 |

| Volume by Grade | 3S | 4S | 6" - 7" | Total |
|-----------------|-------|-----|---------|-------|
| Douglas - Fir | 1,230 | 589 | 0 | 1,819 |
| Noble Fir | 76 | 9 | 0 | 85 |
| Alder (Red) | 0 | 0 | 53 | 53 |
| Total | 1,306 | 598 | 53 | 1,957 |

Comments: Pond Values Used: 1st Quarter Calendar Year 2015.

Western redcedar and Other Cedars Stumpage Price = Pond Value minus Logging Cost:
 $\$885/\text{MBF} = \$1,185/\text{MBF} - \$300/\text{MBF}$

Pulp (Conifer and Hardwood) Price = $\$25/\text{MBF}$

SCALING COST ALLOWANCE = $\$5.00/\text{MBF}$

FUEL COST ALLOWANCE = $\$3.00/\text{Gallon}$

HAULING COST ALLOWANCE

Hauling costs equivalent to $\$780$ daily truck cost.

Other Costs (with Profit & Risk to be added):

Brand and Paint: $\$2/\text{MBF} \times 1,957 \text{ MBF} = \$3,914$

Machine Cleaning: $\$1,000/\text{machine} \times 2 \text{ machines} = \$2,000$

TOTAL Other Costs (with Profit & Risk to be added) = $\$5,914$

Other Costs (No Profit & Risk added):

Estimated Gold Creek ML maintenance fee (Paid to Stimson Lumber): $0.80/\text{mbf}/\text{mile} \times 1,957 \text{ mbf} \times 5.6 \text{ miles} = \$8,767$

Cover Materials for Piles: $\$5/\text{pile} \times 15 \text{ piles} = \75

Non-Project Spur Construction: $5+10 \text{ stations} \times \$200/\text{station} = \$1,020$

Logging Equipment Additional Move-in/Move-out: $3 \text{ machines} \times \$750/\text{machine} = \$2,250$

Slash Piling and Sorting (Cable Ground): $\$5/\text{ac} \times 130 \text{ ac} = \650

Heliport Slash Sorting: $2 \text{ heliports} \times \$500/\text{heliport} = \$1,000$

TOTAL Other Costs (No Profit & Risk added) = $\$13,762$

ROAD MAINTENANCE:

Covered by Road Use Fee paid to Stimson Lumber.



Timber Sale Appraisal Sheri's Gold

Sale TL-341-2015-106-

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Logging Conditions

Combination#: 1 Douglas - Fir 96.00%
 Noble Fir 96.00%
 Alder (Red) 96.00%

Logging System: Cable: Large Tower >=70 **Process:** Stroke Delimber

yarding distance: Long (1,500 ft) **downhill yarding:** No

tree size: Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF

loads / day: 6 **bd. ft / load:** 3700

cost / mbf: \$279.28

machines: Log Loader (A)
Stroke Delimber (A)
Tower Yarder (Large)

Combination#: 2 Douglas - Fir 4.00%
 Noble Fir 4.00%
 Alder (Red) 4.00%

Logging System: Shovel **Process:** Stroke Delimber

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

tree size: Mature Private Forest / Regen Cut (250 Bft/tree), 6-11 logs/MBF

loads / day: 8 **bd. ft / load:** 3600

cost / mbf: \$110.14

machines: Stroke Delimber (B)



Timber Sale Appraisal Sheri's Gold

Sale TL-341-2015-106-

District: Tillamook

Date: April 13, 2015

Logging Costs

| | |
|-----------------------------------|--------------------------------------|
| Operating Seasons: 2.00 | Profit Risk: 10% |
| Project Costs: \$24,790.00 | Other Costs (P/R): \$5,914.00 |
| Slash Disposal: \$0.00 | Other Costs: \$13,762.00 |

Miles of Road

Road Maintenance: \$0.00

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

Hauling Costs

| Species | \$ / MBF | Trips/Day | MBF / Load |
|---------------|----------|-----------|------------|
| Douglas - Fir | \$0.00 | 3.0 | 3.2 |
| Noble Fir | \$0.00 | 4.0 | 4.3 |
| Alder (Red) | \$0.00 | 4.0 | 4.2 |



Timber Sale Appraisal Sheri's Gold

Sale TL-341-2015-106-

District: Tillamook

Date: April 13, 2015

Logging Costs Breakdown

| Logging | Road Maint | Fire Protect | Hauling | Other P/R appl | Profit & Risk | Slash Disposal | Scaling | Other | Total |
|----------------------|------------|--------------|---------|----------------|---------------|----------------|---------|--------|----------|
| Douglas - Fir | | | | | | | | | |
| \$272.51 | \$0.00 | \$4.48 | \$85.31 | \$3.02 | \$36.53 | \$0.00 | \$5.00 | \$7.03 | \$413.88 |
| Noble Fir | | | | | | | | | |
| \$272.51 | \$0.00 | \$4.48 | \$47.62 | \$3.02 | \$32.76 | \$0.00 | \$5.00 | \$7.03 | \$372.42 |
| Alder (Red) | | | | | | | | | |
| \$272.51 | \$0.00 | \$4.48 | \$51.07 | \$3.02 | \$33.11 | \$0.00 | \$5.00 | \$7.03 | \$376.22 |

| Specie | Amortization | Pond Value | Stumpage | Amortized |
|---------------|--------------|------------|----------|-----------|
| Douglas - Fir | \$0.00 | \$541.90 | \$128.02 | \$0.00 |
| Noble Fir | \$0.00 | \$457.88 | \$85.46 | \$0.00 |
| Alder (Red) | \$0.00 | \$450.00 | \$73.78 | \$0.00 |



Timber Sale Appraisal Sheri's Gold

Sale TL-341-2015-106-

District: Tillamook

Date: April 13, 2015

Summary

Amortized

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

Unamortized

| Specie | MBF | Value | Total |
|---------------|-------|----------|--------------|
| Douglas - Fir | 1,819 | \$128.02 | \$232,868.38 |
| Noble Fir | 85 | \$85.46 | \$7,264.10 |
| Alder (Red) | 53 | \$73.78 | \$3,910.34 |

Gross Timber Sale Value

Recovery: \$244,042.82

Prepared By: Bryan Huck

Phone: 503-842-7025



PROJECT SUMMARY SHEET

Sale: Sheri's Gold

CONSTRUCTION

| | | | | |
|------------------------------|--------|------|------------|-------------------|
| Point | A to B | 3+70 | stations = | \$2,166.97 |
| Point | C to D | 3+50 | stations = | \$1,595.45 |
| Point | E to F | 2+25 | stations = | \$514.58 |
| SUBTOTAL CONSTRUCTION | | | | \$4,277.00 |

IMPROVEMENT

| | | | | |
|-----------------------------|--------|-------|------------|-------------------|
| Point | A to B | 64+90 | stations = | \$4,692.25 |
| SUBTOTAL IMPROVEMENT | | | | \$4,692.25 |

RECONSTRUCTION

| | | | | |
|--------------------------------|--------|-------|------------|--------------------|
| Point | C to D | 21+00 | stations = | \$12,374.40 |
| SUBTOTAL RECONSTRUCTION | | | | \$12,374.40 |

SPECIAL PROJECTS

| | | |
|----------------------------------|---------|-----------------|
| Seed areas of disturbed soil | 1 acrea | 330.00 |
| SUBTOTAL SPECIAL PROJECTS | | \$330.00 |

MOVE IN **\$3,116.35**

GRAND TOTAL **\$24,790.00**

| Sale: | | Sheri's Gold | | Road: | | A to B | | | |
|--|--------------|-------------------|----------------|-----------------------------|-------------------|------------------|--------------|-------------------------------|-------------------|
| Construction - | 3+70 0.07 | stations miles | Improvement - | 64+90 1.23 | stations miles | Reconstruction - | 0+00 0.00 | stations miles | |
| CONSTRUCTION: CLEARING, GRUBBING, SCATTERING, EXCAVATION, COMPACTION, LOADING, END-HAULING AND SPREADING/COMPACTING AT WASTE AREA - | | | | | | | | | |
| Station | to | Station | Avg. Sideslope | Avg. Dist. To W.A. (mi.) | Outslope/Ditch | Cost per Station | | | |
| 64+90 | | 65+90 | 55% | 0.1 | | \$750 | = | \$750.00 | |
| 65+90 | | 67+60 | 50% | 0.1 | | \$550 | = | \$935.00 | |
| 67+60 | | 68+60 | 30% | 0.1 | | \$230 | = | \$230.00 | |
| | | | | | | | | TOTAL | \$1,915.00 |
| IMPROVEMENT: EXCAVATION - | | | | | | | | | |
| Pullback | | | | 17 | cy. @ | \$1.40 | per c.y.= | \$23.80 | |
| Widening | | | | 62 | cy. @ | \$1.40 | per c.y.= | \$86.80 | |
| | | | | | | | | TOTAL EXCAVATION | \$110.60 |
| IMPROVEMENT: ENDHAUL - | | | | | | | | | |
| Pullback | 2+95 | to | 3+50 | 17 | cy. @ | \$2.13 | per c.y.= | \$36.21 | |
| Widening | 3+00 | to | 3+50 | 20 | cy. @ | \$2.13 | per c.y.= | \$42.60 | |
| Widening | 17+50 | to | 17+70 | 16 | cy. @ | \$1.83 | per c.y.= | \$29.28 | |
| Widening | 40+50 | to | 40+80 | 26 | cy. @ | \$1.31 | per c.y.= | \$34.06 | |
| Spread & compact | | | | 79 | cy. @ | \$0.25 | per c.y.= | \$19.75 | |
| | | | | | | | | TOTAL ENDHAUL | \$161.90 |
| ROCK | | | | | | | | | |
| Levelling Rock | 6+70 | 20 | cy. of | Crushed | @ | \$25.45 | per c.y.= | \$509.00 | |
| Levelling Rock | 40+50 | 10 | cy. of | Crushed | @ | \$25.45 | per c.y.= | \$254.50 | |
| | | | | | | | | TOTAL ROCK | \$763.50 |
| SPECIAL PROJECTS | | | | | | | | | |
| A to B slough cleanup | | | | 10.00 | hours @ | \$165.00 | per hour | \$1,650.00 | |
| Construct landing | | | | 1.00 | @ | \$285.00 | per landing | \$285.00 | |
| Grade and shape road - | | | | 68.60 | stations @ | \$15.50 | per station | \$1,063.30 | |
| Roll subgrade w/ vibratory roller prior to rocking - | | | | 68.60 | stations @ | \$13.20 | per station | \$905.52 | |
| | | | | | | | | TOTAL SPECIAL PROJECTS | \$3,908.22 |
| | | | | | | | | GRAND TOTAL | \$6,859.22 |

SUMMARY OF CONSTRUCTION COST

| | | | | | | | | | |
|--|----------------|--------------|-----------------|-----------------------|---|-----------------------|-------------------------|--------------------|------------------------------------|
| Sale: | | Sheri's Gold | | | Road: | | C to D | | |
| <u>Construction -</u> | | <u>3+50</u> | stations | <u>Improvement -</u> | <u>0+00</u> | stations | <u>Reconstruction -</u> | <u>21+00</u> | stations |
| | | 0.07 | miles | | 0.00 | miles | | 0.40 | 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> <u>To W.A. (mi.)</u> | <u>Outslope/Ditch</u> | <u>Cost per Station</u> | | |
| | 21+50 | | 24+50 | 40% | 0.1 | Outslope | \$400 | = | \$1,200.00 |
| | | | | | | | | | TOTAL |
| | | | | | | | | | \$1,200.00 |
| RECONSTRUCTION: CLEARING AND GRUBBING - | | | | | | | | | |
| Widening | | | | | | 0.386 | acres @ | \$660.00 | per acre = \$254.76 |
| Scattering | | | | | | 0.580 | acres @ | \$980.00 | per acre = \$568.40 |
| | | | | | | | | | TOTAL CLEARING AND GRUBBING |
| | | | | | | | | | \$823.16 |
| RECONSTRUCTION: EXCAVATION - | | | | | | | | | |
| Road Earthwork | | | | | | 21.00 | sta. @ | \$150.00 | per sta. = \$3,150.00 |
| Widening | | | | | | 2023 | cy. @ | \$1.40 | per c.y. = \$2,832.20 |
| | | | | | | | | | TOTAL EXCAVATION |
| | | | | | | | | | \$5,982.20 |
| RECONSTRUCTION: ENDHAUL - | | | | | | | | | |
| Widening | | 0+00 | to | 21+00 | | 2023 | cy. @ | \$1.33 | per c.y. = \$2,690.59 |
| Spread & compact | | | | | | 2023 | cy. @ | \$0.25 | per c.y. = \$505.75 |
| | | | | | | | | | TOTAL ENDHAUL |
| | | | | | | | | | \$3,196.34 |
| CULVERTS - MATERIALS & INSTALLATION | | | | | | | | | |
| | | | <u>Culverts</u> | | | | | | |
| | | | 40 | LF of 18" | | \$700.00 | | 40 | LF of 24" \$1,080.00 |
| | | | | | | | | | TOTAL CULVERTS |
| | | | | | | | | | \$1,780.00 |
| SPECIAL PROJECTS | | | | | | | | | |
| Grade and shape road - | | | | | | 24.50 | stations @ | \$15.50 | per station \$379.75 |
| Construct landing | | | | | | 1.00 | @ | \$285.00 | each \$285.00 |
| Roll subgrade w/ vibratory roller - | | | | | | 24.50 | stations @ | \$13.20 | per station \$323.40 |
| | | | | | | | | | TOTAL SPECIAL PROJECTS |
| | | | | | | | | | \$988.15 |
| | | | | | | | | GRAND TOTAL | \$13,969.85 |

SUMMARY OF CONSTRUCTION COST

| | | | | | |
|--------------------|------|----------|---------------|------|----------|
| Sale: Sheri's Gold | | | Road: E to F | | |
| Construction - | 2+25 | stations | Improvement - | 0+00 | stations |
| | 0.04 | miles | | 0.00 | miles |
| Reconstruction - | 0+00 | stations | | | |
| | 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. To W.A. (mi.) | Outslope/Ditch | Cost per Station | | | |
|-------------------------------------|----|---------|----------------|-----------------------------|----------------|------------------|---------|------------------------|----------|
| 0+00 | | 2+25 | 0% | 0.1 | | \$200 | = | \$450.00 | |
| | | | | | | | | TOTAL | \$450.00 |
| SPECIAL PROJECTS | | | | | | | | | |
| Grade and shape road - | | | | | 2.25 | stations @ | \$15.50 | per station | \$34.88 |
| Roll subgrade w/ vibratory roller - | | | | | 2.25 | stations @ | \$13.20 | per station | \$29.70 |
| | | | | | | | | TOTAL SPECIAL PROJECTS | \$64.58 |
| | | | | | | | | GRAND TOTAL | \$514.58 |

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

Sale: **Sheri's Gold**

| LOWBOY HAUL (Round Trip) | | |
|--------------------------|--------------|-----------------|
| DIST. (mi) | ROADWAY | AVE SPEED (mph) |
| 15.0 | Pavement | 30 |
| 2.0 | Main Lines | 7 |
| 0.0 | 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 |
|-----|-----------------------|--------------|------------|----------------------------|---------------|-------------|-------------|------------------|------------|
| 1 | Drill & Compressor | \$130.11 | | \$46.00 | 0.00 | 10.00 | 10 | \$460.00 | \$590.11 |
| 1 | Graders | \$141.43 | | \$3.65 | 0.00 | 10.00 | 10 | \$36.50 | \$177.93 |
| 1 | Excavators (Large) | \$256.94 | 1 | \$75.00 | 0.00 | 10.00 | 10 | \$750.00 | \$1,006.94 |
| 1 | Tractor (D8) | \$253.99 | 2 | \$75.00 | 0.00 | 10.00 | 10 | \$750.00 | \$1,003.99 |
| 4 | Dump Truck (10 cy +) | \$223.38 | | \$2.85 | 0.00 | 10.00 | 10 | \$114.00 | \$337.38 |
| | | | | TOTAL MOVE-IN COSTS: | | | | | \$3,116.35 |



OREGON DEPARTMENT OF FORESTRY CRUISE REPORT

Sheri's Gold

1. **Type of Sale**

Areas 1 & 2: Modified Clearcut, Recovery

2. **Legal Description**

Portions of Sections 10, 15, and 16, T2S, R8W, W.M., Tillamook County, Oregon.

3. **Sale Acreage**

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

| | ACRES | |
|----------------------------|--------------|------------|
| | <u>Gross</u> | <u>Net</u> |
| Area 1 (Modified Clearcut) | 107 | 77 |
| Area 2 (Modified Clearcut) | 79 | 58 |

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 inside the sale boundary.

4. **Cruising Procedures**

A. Cruise Method

Cruise plots for Areas 1 & 2 have been combined due to the similarity of stand structure. A total of 17 plots have been cruised for the 135 combined acres. All plots were full cruise plots at a spacing of 700' x 350'. All conifers 8 inches DBH and greater containing 20 net board feet and all hardwoods 10 inches DBH and greater containing 30 net board feet were recorded on all plots. Species were recorded on all trees and measured for merchantable bole height, diameter, and form factor. Merchantable heights were recorded to 6" and 7" outside bark for conifers and hardwoods respectively.

B. Plot size

A basal area factor of 27.78 was used for all plots. The point of observation is 4.5 feet.

C. Grading System

All species were graded using Columbia River Log Scaling and Grading Bureau rules favoring a 40' log.

5. Computation Procedure

The volumes and statistics for the timber cruise were computed using SuperACE 2008, developed by Atterbury Consultants, Inc. SuperACE has calculated basal areas, advertised volumes, volume summaries, log stock tables, and stand tables for each species and type. The standard error and the coefficient of variation for the cruise based on net board feet per acre on Areas 1 & 2 is 11.9% and 47.5% respectively.

6. Hidden Defect and Breakage

A 5% reduction was applied to conifers and a 10% reduction to hardwood volumes for hidden defect and breakage. This was in addition to visual defect deducted during the cruise.

7. Timber Description

This area was burned during the 1940's and again in the 1950's; and was aurally seeded in the mid 1950's. See attached stand tables and volume summary for a quantitative evaluation of estimated timber volumes and snag per acre.

| Sale Area – Species | DBH | Merchantable Bole Height | Merchantable Top |
|----------------------------|------------|-------------------------------------|-------------------------|
| Area 1&2: Douglas-fir | 12 | 47 | 5" |
| Area 1&2: Alder | 17 | 47 | 6" |
| Area 1&2: Noble Fir | 19 | 72 | 5" |

8. Cruiser Names/Dates

ODF personnel; May 2007

9. Revenue Distribution

FDF: 100%

Tax Code: 9-1 (100%)

Deed Numbers: 169

10. Attachments

Volume Summaries

Stand Table Summary

Log Stock Tables

Logging Plan Map

11. Stand and Log Stock Tables Species Key

DF – Douglas-fir

RA – Red alder

NF – Noble Fir

| | | | | | | | | | | | | | | | | | | | | |
|---------------------|--------|-----|---------|---|--------|-------|--------------|--|----------|------|------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-----|
| TC TLOGSTVB | | | | Log Stock Table - MBF Project: SHER630 | | | | | | | | | | | | | | | | |
| T02S R08W S15 TSALE | | | | | | | | | | | | T02S R08W S15 TSALE | | | | | | | | |
| Twp | Rge | Sec | Tract | Type | Acres | Plots | Sample Trees | Page | 1 | | | | | | | | | | | |
| 02S | 08W | 15 | AREA1_2 | SALE | 135.00 | 17 | 101 | Date | 7/1/2014 | | | | | | | | | | | |
| | | | | | | | | | | Time | 11:57:12AM | | | | | | | | | |
| 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+ |
| DF | 8 | 3 | 32 | | 346 | 5.0 | 329 | 18.1 | | | 54 | 240 | 18 | 17 | | | | | | |
| DF | 8 | 3 | 38 | | 11 | 5.0 | 11 | .6 | | | 11 | | | | | | | | | |
| DF | 8 | 3 | 40 | | 936 | 5.0 | 890 | 48.9 | | | 302 | 319 | 224 | 44 | | | | | | |
| DF | 8 | 4 | 14 | | 10 | 5.0 | 9 | .5 | | | 9 | | | | | | | | | |
| DF | 8 | 4 | 15 | | 15 | 5.0 | 14 | .8 | | 14 | | | | | | | | | | |
| DF | 8 | 4 | 16 | | 43 | 5.0 | 41 | 2.2 | | 37 | | 3 | | | | | | | | |
| DF | 8 | 4 | 17 | | 18 | 5.0 | 17 | .9 | | 17 | | | | | | | | | | |
| DF | 8 | 4 | 18 | | 8 | 5.0 | 7 | .4 | | 7 | | | | | | | | | | |
| DF | 8 | 4 | 19 | | 9 | 5.0 | 8 | .5 | | 8 | | | | | | | | | | |
| DF | 8 | 4 | 20 | | 29 | 5.0 | 27 | 1.5 | | 27 | | | | | | | | | | |
| DF | 8 | 4 | 21 | | 29 | 5.0 | 28 | 1.5 | | 28 | | | | | | | | | | |
| DF | 8 | 4 | 22 | | 35 | 5.0 | 33 | 1.8 | | 33 | | | | | | | | | | |
| DF | 8 | 4 | 23 | | 11 | 5.0 | 11 | .6 | | 11 | | | | | | | | | | |
| DF | 8 | 4 | 24 | | 11 | 5.0 | 10 | .6 | | 10 | | | | | | | | | | |
| DF | 8 | 4 | 25 | | 11 | 5.0 | 10 | .6 | | 10 | | | | | | | | | | |
| DF | 8 | 4 | 26 | | 31 | 5.0 | 30 | 1.6 | | 30 | | | | | | | | | | |
| DF | 8 | 4 | 27 | | 4 | 5.0 | 4 | .2 | | 4 | | | | | | | | | | |
| DF | 8 | 4 | 28 | | 23 | 5.0 | 22 | 1.2 | | 22 | | | | | | | | | | |
| DF | 8 | 4 | 31 | | 5 | 5.0 | 5 | .2 | | 5 | | | | | | | | | | |
| DF | 8 | 4 | 32 | | 7 | 5.0 | 7 | .4 | | 7 | | | | | | | | | | |
| DF | 8 | 4 | 34 | | 20 | 5.0 | 19 | 1.0 | | 19 | | | | | | | | | | |
| DF | 8 | 4 | 36 | | 42 | 5.0 | 40 | 2.2 | | 40 | | | | | | | | | | |
| DF | 8 | 4 | 38 | | 62 | 5.0 | 59 | 3.2 | | 59 | | | | | | | | | | |
| DF | 8 | 4 | 40 | | 199 | 5.0 | 189 | 10.4 | | 166 | 23 | | | | | | | | | |
| DF | Totals | | | | 1,915 | 5.0 | 1,819 | 92.9 | | 554 | 399 | 562 | 242 | 61 | | | | | | |
| RA | 8 | R | 46 | | 23 | 10.0 | 20 | 38.3 | | | 20 | | | | | | | | | |
| RA | 8 | R | 48 | | 37 | 10.0 | 33 | 61.7 | | | 33 | | | | | | | | | |
| RA | Totals | | | | 59 | 10.0 | 53 | 2.7 | | | 53 | | | | | | | | | |
| NF | 8 | 3 | 40 | | 83 | 8.7 | 76 | 89.8 | | | | | 32 | 19 | | 25 | | | | |
| NF | 8 | 4 | 13 | | 1 | 5.0 | 1 | 1.5 | | | 1 | | | | | | | | | |
| NF | 8 | 4 | 21 | | 3 | 5.0 | 3 | 3.4 | | | 3 | | | | | | | | | |
| NF | 8 | 4 | 26 | | 5 | 5.0 | 5 | 5.3 | | | 5 | | | | | | | | | |
| NF | Totals | | | | 92 | 8.3 | 85 | 4.3 | | | 9 | | 32 | 19 | | 25 | | | | |
| Total All Species | | | | | 2,066 | 5.3 | 1,957 | 100.0 | | 554 | 461 | 562 | 274 | 81 | | 25 | | | | |

| TC | | PSTNDSUM | | Stand Table Summary | | | | | | | | | | Page Date: | | 1 6/30/2014 | |
|---------------------------------------|---|----------|-----------------|---------------------|----------------|----------------|-------------|--------------|---------------|----------------|---------------|-----------------------|-----------------------|---------------|--------|----------------|--|
| <div>T02S R08W S15 TySALE135.00</div> | | | | | ProjectSHER630 | | | | | Time:2:43:08PM | | | | | | | |
| | | | | | Acres135.00 | | | | | Grown Year: | | | | | | | |
| S Sp | T | DBH | Sample Trees | Tot | | Trees/ Acre | BA/ Acre | Logs Acre | Average Log | | Tons/ Acre | Net Cu.Ft. Acre | Net Bd.Ft. Acre | T o t a l s | | | |
| | | | | FF 16' | Av Ht | | | | Net Cu.Ft. | Net Bd.Ft. | | | | Tons | Cunits | MBF | |
| DF | | 7 | 1 | 89 | 46 | 6.114 | 1.63 | 6.11 | 3.7 | 20.0 | .64 | 22 | 122 | 86 | 30 | 17 | |
| DF | | 8 | 1 | 90 | 54 | 4.681 | 1.63 | 4.68 | 5.2 | 30.0 | .70 | 25 | 140 | 95 | 33 | 19 | |
| DF | | 9 | 3 | 89 | 41 | 11.097 | 4.90 | 11.10 | 6.5 | 30.0 | 2.04 | 72 | 333 | 276 | 97 | 45 | |
| DF | | 10 | 10 | 87 | 66 | 29.961 | 16.34 | 29.96 | 11.7 | 40.0 | 9.97 | 350 | 1,198 | 1,346 | 472 | 162 | |
| DF | | 11 | 13 | 88 | 69 | 32.190 | 21.24 | 39.62 | 12.2 | 45.6 | 13.75 | 483 | 1,808 | 1,857 | 652 | 244 | |
| DF | | 12 | 18 | 88 | 68 | 37.451 | 29.41 | 49.93 | 13.6 | 48.8 | 19.30 | 677 | 2,434 | 2,606 | 914 | 329 | |
| DF | | 13 | 12 | 87 | 74 | 21.274 | 19.61 | 39.00 | 13.1 | 48.6 | 14.51 | 509 | 1,897 | 1,959 | 688 | 256 | |
| DF | | 14 | 11 | 86 | 76 | 16.815 | 17.98 | 32.10 | 15.3 | 56.2 | 13.96 | 490 | 1,804 | 1,885 | 661 | 244 | |
| DF | | 15 | 3 | 86 | 78 | 3.995 | 4.90 | 7.99 | 17.1 | 65.0 | 3.89 | 137 | 519 | 525 | 184 | 70 | |
| DF | | 16 | 11 | 86 | 77 | 12.874 | 17.98 | 23.41 | 21.1 | 73.5 | 14.09 | 494 | 1,720 | 1,902 | 667 | 232 | |
| DF | | 17 | 4 | 86 | 89 | 4.147 | 6.54 | 8.29 | 25.3 | 95.0 | 5.98 | 210 | 788 | 808 | 283 | 106 | |
| DF | | 18 | 4 | 87 | 81 | 3.699 | 6.54 | 7.40 | 26.4 | 95.0 | 5.56 | 195 | 703 | 750 | 263 | 95 | |
| DF | | 19 | 2 | 86 | 83 | 1.660 | 3.27 | 3.32 | 29.4 | 107.5 | 2.78 | 98 | 357 | 375 | 132 | 48 | |
| DF | | 20 | 2 | 86 | 89 | 1.498 | 3.27 | 3.00 | 35.2 | 120.0 | 3.00 | 105 | 360 | 406 | 142 | 49 | |
| DF | | Totals | 95 | 87 | 68 | 187.456 | 155.24 | 265.91 | 14.5 | 53.3 | 110.19 | 3,866 | 14,184 | 14,875 | 5,219 | 1,915 | |
| NF | | 16 | 1 | 90 | 93 | 1.170 | 1.63 | 2.34 | 22.5 | 90.0 | 1.27 | 53 | 211 | 171 | 71 | 28 | |
| NF | | 20 | 1 | 87 | 79 | .749 | 1.63 | 1.50 | 32.7 | 115.0 | 1.18 | 49 | 172 | 159 | 66 | 23 | |
| NF | | 25 | 1 | 90 | 114 | .479 | 1.63 | 1.44 | 47.1 | 193.3 | 1.63 | 68 | 278 | 220 | 91 | 38 | |
| NF | | Totals | 3 | 89 | 93 | 2.399 | 4.90 | 5.28 | 32.1 | 125.3 | 4.07 | 169 | 661 | 550 | 229 | 89 | |
| RA | | 14 | 1 | 84 | 65 | 1.529 | 1.63 | 1.53 | 29.1 | 110.0 | 1.22 | 44 | 168 | 165 | 60 | 23 | |
| RA | | 20 | 1 | 84 | 58 | .749 | 1.63 | .75 | 57.1 | 180.0 | 1.18 | 43 | 135 | 159 | 58 | 18 | |
| RA | | 21 | 1 | 85 | 57 | .679 | 1.63 | .68 | 62.4 | 200.0 | 1.17 | 42 | 136 | 157 | 57 | 18 | |
| RA | | Totals | 3 | 84 | 61 | 2.957 | 4.90 | 2.96 | 43.8 | 148.4 | 3.57 | 130 | 439 | 481 | 175 | 59 | |
| Totals | | | 101 | 87 | 68 | 192.811 | 165.05 | 274.15 | 15.2 | 55.7 | 117.82 | 4,165 | 15,283 | 15,906 | 5,623 | 2,063 | |

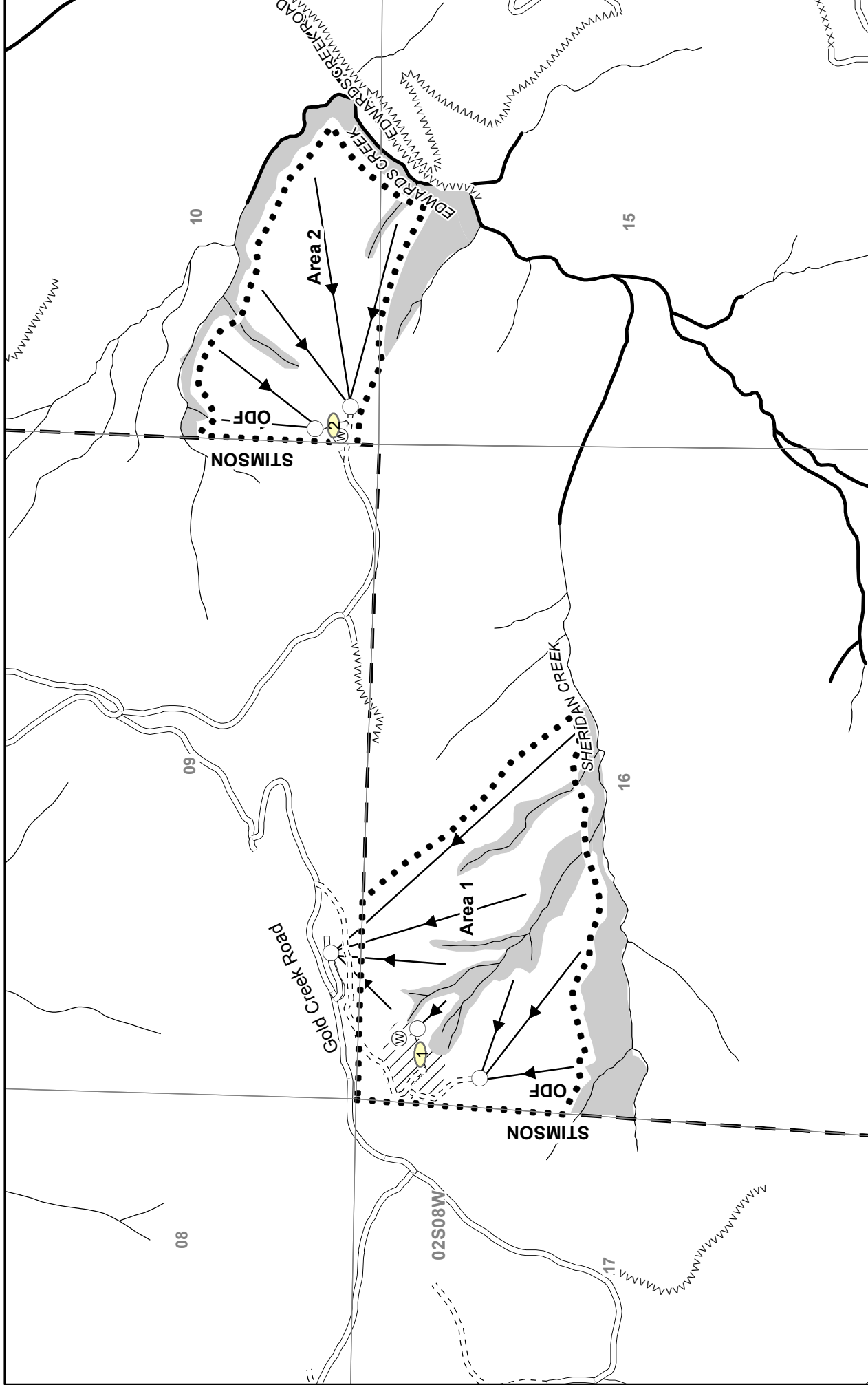


"STEWARDSHIP IN FORESTRY"

Sheri's Gold

Volume Summary

| Area 1&2 -Modified Clear Cut | | | | |
|------------------------------|-------------|-------------|--------|----------|
| 135 acres | | | | |
| SPECIES | Cruised Net | Cruised Net | Hidden | Net Sale |
| | MBF/ Acre | MBF | D&B | MBF |
| Douglas-fir | 14.2 | 1915 | 5% | 1819 |
| Hemlock | | 0 | 5% | 0 |
| Spruce | | 0 | 5% | 0 |
| Noble Fir | 0.7 | 89 | 5% | 85 |
| Alder | 0.4 | 59 | 10% | 53 |
| TOTAL | 15.3 | 2063 | | 1957 |



Rock source

- Stock pile
- Waste area
- Bridge
- Gate
- Survey corner
- Domestic water supply intake
- Truck turn-around
- Helicopter landing zone
- Cultural site

Buffer

- Non-required thinning
- Cable yarding
- Ground yarding
- Helicopter yarding
- Downhill yarding
- Green tree retention area

Restricted area

- Area boundary
- Sale boundary
- Ownership boundary
- Fish stream
- Non-fish stream
- Unsurfaced road
- Surfaced road
- Paved road
- Abandoned road

Swing road

- Non-project road
- Blocked road
- OHV trail
- Non-motorized trail
- Transmission line
- Railroad
- Cable yarding
- Tractor Landing
- Yarder Landing

Logging Plan

Timber Sale Contract No. 341-15-106
SHERI'S GOLD
Portions of Sections 10, 15, and 16
T2S, R8W, W.M.,
Tillamook County, Oregon

Area

| Area | Type of Operation | Acres |
|-------|-------------------|-------|
| 1 | Modified Clearcut | 107 |
| 2 | Modified Clearcut | 79 |
| Total | | 186 |

Gross Net
107 77
79 58
186 135

Tillamook District GIS
4/9/2015
This product is for informational use and may not have been prepared or suitable for legal, engineering, or surveying purposes.