



"STEWARDSHIP IN FORESTRY"

Timber Sale Appraisal
Wildcat Stevens
Sale 341-09-05

District: Forest Grove

Date: July 07, 2008

cost summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$1,075,858.20	\$0.00	\$1,075,858.20
		Project Work:	\$(229,210.00)
		Advertised Value:	\$846,648.20



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timber description

Location: Portions of Sections 11, 13, and 14, T2N, R5W, W.M., Washington County, Oregon.

Stand Stocking: 20%

SpecieName	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	13	0	98

Volume by Grade	2S	3S	4S	Total
Douglas - Fir	1,095	2,279	856	4,230
Total	1,095	2,279	856	4,230



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comments: Pond Values Used: 2nd Quarter Calendar Year 2008

Western Red Cedar Stumpage Price = Pond Value minus Logging Cost
\$893/MBF = \$1,075/MBF - \$182/MBF

Red Alder Stumpage Price = Pond Value minus Logging Cost
\$468/MBF = \$650/MBF - \$182/MBF

Other Conifer Stumpage Price = Pond Value minus Logging Cost
\$148/MBF = \$330/MBF - \$182/MBF

SCALING COST ALLOWANCE = \$5.00/MBF

FUEL COST ALLOWANCE = \$4.50/Gallon

HAULING COST ALLOWANCE

Hauling costs equivalent to \$700 daily truck cost.

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

Brand and Paint: \$1/MBF x 4,230MBF = \$4,230

Snag Creation: \$40/snag x 263 snags = \$10,520

TOTAL Other Costs (with Profit and Risk to be added) = \$14,750

Other Costs (No Profit & Risk to be added):

Shovel Time for Firewood Sorting: 15 hours @ \$110/hour = \$1,650

Shovel Time to block and waterbar skid roads: 15 hours @ \$110/hour
= \$1,650

TOTAL Other Costs (No Profit & Risk added) = \$3,300



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logging conditions

combination#: 1 Douglas - Fir 35.00%
yarding distance: Medium (800 ft) **downhill yarding:** No
logging system: Cable: Small Tower <=40 **Process:** Stroke Delimber
tree size: Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF
loads / day: 7.0 **bd. ft / load:** 3,800
cost / mbf: \$106.55

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

combination#: 2 Douglas - Fir 65.00%
yarding distance: Short (400 ft) **downhill yarding:** No
logging system: Track Skidder **Process:** Harvester Head Delimiting
tree size: Small / Thinning 12in (130 Bft/tree), 12-17 logs/MBF
loads / day: 12.0 **bd. ft / load:** 3,800
cost / mbf: \$91.11

machines: Forwarder
Harvester



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logging costs

Operating Seasons:	2.00	Profit Risk:	10.00%
Project Costs:	\$229,210.00	Other Costs (P/R):	\$14,750.00
Slash Disposal:	\$0.00	Other Costs:	\$3,300.00

Miles of Road

Road Maintenance: \$0.00

Dirt	Rock (Contractor)	Rock (State)	Paved
0.0	0.0	5.0	0.0

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	3.0	3.8



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logging costs breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Scaling	Other	Total
Douglas - Fir									
\$96.51	\$4.18	\$2.07	\$56.94	\$3.49	\$16.32	\$0.00	\$5.00	\$0.78	\$185.29

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$439.63	\$254.34	\$0.00



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Timber Sale Appraisal
Wildcat Stevens
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summary

Amortized

Specie	MBF	Value	Total
Douglas - Fir	0	\$0.00	\$0.00

Unamortized

Specie	MBF	Value	Total
Douglas - Fir	4,230	\$254.34	\$1,075,858.20

Gross Timber Sale Value

Recovery: \$1,075,858.20

Prepared by: Nate Agalzoff

Phone: 503-359-7434

PROJECT COST SUMMARY SHEET

Timber Sale: Wildcat Stevens

Sale Number: 341-09-05

PROJECT NO. 1: ROAD CONSTRUCTION AND IMPROVEMENT

CONSTRUCTION

<u>Road Segment</u>	<u>Length</u>	<u>Cost</u>
A to B	34+80	\$10,987.27
C to D	1+40	\$578.58
E to F	3+90	\$1,175.73
G to H	3+35	\$1,061.45
I to J	8+00	\$2,025.00
K to L	25+60	\$8,483.72
M to N	26+50	\$18,350.45
O to P	1+85	\$671.20
	<u>105+40</u> stations	
	2.00 miles	

SUBTOTAL CONSTRUCTION **\$43,333.40**

IMPROVEMENTS

<u>Road Segment</u>	<u>Length</u>	<u>Cost</u>
<u>Q to R</u>	<u>14+35</u>	<u>\$1,958.32</u>
	14+35 stations	
	0.27 miles	

SUBTOTAL IMPROVEMENTS **\$1,958.32**

TOTAL PROJECT NO. 1 COST = **\$45,291.72**

PROJECT NO. 2: SURFACING

<u>Road Segment</u>	<u>Amount</u>	<u>Type</u>	<u>Cost</u>
A to B	2,390 cy	3" - 0	\$33,507.80
A to B	10 cy	1 1/2" - 0	\$43.80
C to D	137 cy	3" - 0	\$1,897.48
E to F	310 cy	3" - 0	\$4,364.80
G to H	266 cy	3" - 0	\$3,880.94
I to J	556 cy	3" - 0	\$7,433.72
K to L	1,665 cy	3" - 0	\$22,427.55
K to L	10 cy	1 1/2" - 0	\$40.00
M to N	1,921 cy	3" - 0	\$24,265.42
O to P	163 cy	3" - 0	\$2,029.35
Total	7,408 cy	3" - 0	
	20 cy	1 1/2" - 0	

TOTAL PROJECT NO. 2 COST = **\$99,890.86**

PROJECT NO. 3: STOCKPILE

<u>Road Segment</u>	<u>Amount</u>	<u>Type</u>	<u>Cost</u>
Stockpile	8,500 cy	3" - 0	\$80,835.00
Total	8,500 cy		

TOTAL PROJECT NO. 3 COST = **\$80,835.00**

SPECIAL PROJECTS:

PROJECT NO. 4: GRASS SEEDING

Grass seed and fertilize areas of disturbed soil. \$968.00

TOTAL PROJECT NO. 4 COST = \$968.00

MOVE IN \$2,221.05

TOTAL ALL PROJECTS \$229,206.63

TOTAL CREDITS \$229,210.00

SUMMARY OF CONSTRUCTION COST

Timber Sale: Wildcat Stevens
 Road Segment: A to B

Timber Sale No. : 341-09-05
 Construction: 34+80 stations
0.66 miles

PROJECT NO. 1

EXCAVATION

Clearing and Grubbing (Scatter)	3.20	acres @	\$980.00	per acre =	\$3,136.00
Balanced Road Construction	34.80	sta @	\$90.00	per sta =	\$3,132.00
Excavate and load 6+00 to 11+75	487.00	cy @	\$1.14	per cy=	\$555.18
Haul excavated material	487.00	cy @	\$2.09	per cy=	\$1,017.83
Drift	1.00	sta @	\$150.00	per sta =	\$150.00
Construct Reverse Junction @ Pt. A	0.50	hrs @	\$145.00	per hr =	\$72.50
Construct Turnouts	4	ea @	\$60.00	per ea =	\$240.00
Construct Turn Around	1	ea @	\$75.00	per ea =	\$75.00
Landings	2	ea @	\$285.00	per ea =	\$570.00
Grade, Ditch and Roll	34.80	sta @	\$28.70	per sta =	\$998.76

TOTAL EXCAVATION COSTS= **\$9,947.27**

CULVERTS - MATERIALS & INSTALLATION

Culverts

60 LF of 18" \$1,020.00
\$1,020.00

Culvert Markers

2 markers \$20.00

TOTAL CULVERT COSTS = **\$1,040.00**

PROJECT NO. 1 TOTAL COST = \$10,987.27

PROJECT NO. 2:

SURFACING

10" deep = 58 cy/sta

A to B	2,018	cy of	3" - 0	@	\$14.02	per cy =	\$28,292.36
Curve Widening	72	cy of	3" - 0	@	\$14.02	per cy =	\$1,009.44
Turnouts	112	cy of	3" - 0	@	\$14.02	per cy =	\$1,570.24
Turn Around	16	cy of	3" - 0	@	\$14.02	per cy =	\$224.32
Junctions	60	cy of	3" - 0	@	\$14.02	per cy =	\$841.20
Landings	112	cy of	3" - 0	@	\$14.02	per cy =	\$1,570.24
Spot rock	10	cy of	1 1/2" - 0	@	\$4.38	per cy =	\$43.80
Total =	2,390	cy of	3" - 0				
	10	cy of	1 1/2" - 0				

PROJECT NO. 2 TOTAL COST = \$33,551.60

PROJECT NO. 4:

Grass seed and fertilize areas of disturbed soil. 1.60 acres @ \$200.00 per acre = \$320.00

PROJECT NO. 3 TOTAL COST = \$320.00

TOTAL COST = \$44,858.87

SUMMARY OF CONSTRUCTION COST

Timber Sale: Wildcat Stevens
 Road Segment: C to D

Timber Sale No. : 341-09-05
 Construction: 1+40 stations
0.03 miles

PROJECT NO. 1

EXCAVATION

Clearing and Grubbing (Scatter)	0.13	acres @	\$980.00	per acre =	\$127.40
Balanced Road Construction	1.40	sta @	\$90.00	per sta =	\$126.00
Landing	1	ea @	\$285.00	per ea =	\$285.00
Grade, Ditch and Roll	1.40	sta @	\$28.70	per sta =	\$40.18
				TOTAL EXCAVATION COSTS=	\$578.58

PROJECT NO. 1 TOTAL COST = \$578.58

PROJECT NO. 2:

SURFACING

		10" deep = 58 cy/sta			
C to D	81	cy of	3" - 0	@	\$13.83 per cy = \$1,123.00
Landing	56	cy of	3" - 0	@	\$13.83 per cy = \$774.48
Total =	137	cy of	3" - 0		

PROJECT NO. 2 TOTAL COST = \$1,897.48

PROJECT NO. 4:

Grass seed and fertilize areas of disturbed soil.	\$0.07	acres @	\$200.00	per acre =	\$13.00
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PROJECT NO. 3 TOTAL COST = \$13.00

TOTAL COST = \$2,489.06

SUMMARY OF CONSTRUCTION COST

Timber Sale: Wildcat Stevens
Road Segment: E to F

Timber Sale No. : 341-09-05
Construction: 3+90 stations
0.07 miles

PROJECT NO. 1

EXCAVATION

Clearing and Grubbing (Scatter)	0.36	acres @	\$980.00	per acre =	\$352.80
Balanced Road Construction	3.90	sta @	\$90.00	per sta =	\$351.00
Construct Turn Around	1	ea @	\$75.00	per ea =	\$75.00
Landing	1	ea @	\$285.00	per ea =	\$285.00
Grade, Ditch and Roll	3.90	sta @	\$28.70	per sta =	\$111.93
TOTAL EXCAVATION COSTS=					\$1,175.73

PROJECT NO. 1 TOTAL COST = \$1,175.73

PROJECT NO. 2:

SURFACING

10" deep = 58 cy/sta

E to F	226	cy of	3" - 0	@	\$14.08	per cy =	\$3,182.08
Curve Widening	12	cy of	3" - 0	@	\$14.08	per cy =	\$168.96
Turn Around	16	cy of	3" - 0	@	\$14.08	per cy =	\$225.28
Landing	56	cy of	3" - 0	@	\$14.08	per cy =	\$788.48
Total =	310	cy of	3" - 0				

PROJECT NO. 2 TOTAL COST = \$4,364.80

PROJECT NO. 4:

Grass seed and fertilize areas of disturbed soil. 0.18 acres @ \$200.00 per acre = \$36.00

PROJECT NO. 3 TOTAL COST = \$36.00

TOTAL COST = \$5,576.53

SUMMARY OF CONSTRUCTION COST

Timber Sale: Wildcat Stevens
 Road Segment: G to H

Timber Sale No. : 341-09-05
 Construction: 3+35 stations
0.06 miles

PROJECT NO. 1

EXCAVATION

Clearing and Grubbing (Scatter)	0.31	acres @	\$980.00	per acre =	\$303.80
Balanced Road Construction	3.35	sta @	\$90.00	per sta =	\$301.50
Construct Turn Around	1	ea @	\$75.00	per ea =	\$75.00
Landing	1	ea @	\$285.00	per ea =	\$285.00
Grade, Ditch, and Roll	3.35	sta @	\$28.70	per sta =	\$96.15
				TOTAL EXCAVATION COSTS=	\$1,061.45

PROJECT NO. 1 TOTAL COST = \$1,061.45

PROJECT NO. 2:

SURFACING

10" deep = 58 cy/sta

G to H	194	cy of	3" - 0	@	\$14.59	per cy =	\$2,830.46
Turn Around	16	cy of	3" - 0	@	\$14.59	per cy =	\$233.44
Landing	56	cy of	3" - 0	@	\$14.59	per cy =	\$817.04
Total =	266	cy of	3" - 0				

PROJECT NO. 2 TOTAL COST = \$3,880.94

PROJECT NO. 4:

Grass seed and fertilize areas of disturbed soil.	0.16	acres @	\$200.00	per acre =	\$31.00
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PROJECT NO. 3 TOTAL COST = \$31.00

TOTAL COST = \$4,973.39

SUMMARY OF CONSTRUCTION COST

Timber Sale: Wildcat Stevens
 Road Segment: I to J

Timber Sale No. : 341-09-05
 Construction: 8+00 stations
0.15 miles

PROJECT NO. 1

EXCAVATION

Clearing and Grubbing (Scatter)	0.73	acres @	\$980.00	per acre =	\$715.40
Balanced Road Construction	8.00	sta @	\$90.00	per sta =	\$720.00
Construct Turn Around	1	ea @	\$75.00	per ea =	\$75.00
Landing	1	ea @	\$285.00	per ea =	\$285.00
Grade, Ditch, and Roll	8.00	sta @	\$28.70	per sta =	\$229.60
				TOTAL EXCAVATION COSTS=	\$2,025.00

PROJECT NO. 1 TOTAL COST = \$2,025.00

PROJECT NO. 2:

SURFACING

10" deep = 58 cy/sta

I to J	464	cy of	3" - 0	@	\$13.37	per cy =	\$6,203.68
Turn Around	16	cy of	3" - 0	@	\$13.37	per cy =	\$213.92
Junction	20	cy of	3" - 0	@	\$13.37	per cy =	\$267.40
Landing	56	cy of	3" - 0	@	\$13.37	per cy =	\$748.72
Total =	556	cy of	3" - 0				

PROJECT NO. 2 TOTAL COST = \$7,433.72

PROJECT NO. 4:

Grass seed and fertilize areas of disturbed soil. 0.37 acres @ \$200.00 per acre = \$73.00

PROJECT NO. 3 TOTAL COST = \$73.00

TOTAL COST = \$9,531.72

SUMMARY OF CONSTRUCTION COST

Timber Sale: Wildcat Stevens
 Road Segment: K to L

Timber Sale No. : 341-09-05
 Construction: 25+60 stations
0.48 miles

PROJECT NO. 1

EXCAVATION

Clearing and Grubbing (Scatter)	2.35	acres @	\$980.00	per acre =	\$2,303.00
Balanced Road Construction	25.60	sta @	\$90.00	per sta =	\$2,304.00
Drift	4.00	sta @	\$150.00	per sta =	\$600.00
Construct Turnouts	3	ea @	\$60.00	per ea =	\$180.00
Construct Turn Around	1	ea @	\$75.00	per ea =	\$75.00
Landing	1	ea @	\$285.00	per ea =	\$285.00
Grade, Ditch, and Roll	25.60	sta @	\$28.70	per sta =	\$734.72
				TOTAL EXCAVATION COSTS=	\$6,481.72

CULVERTS - MATERIALS & INSTALLATION

Culverts

116 LF of 18" \$1,972.00
\$1,972.00

Culvert Markers

3 markers \$30.00

TOTAL CULVERT COSTS = \$2,002.00

PROJECT NO. 1 TOTAL COST = \$8,483.72

PROJECT NO. 2:

SURFACING

10" deep = 58 cy/sta

K to L	1,485	cy of	3" - 0	@	\$13.47	per cy =	\$20,002.95
Curve Widening	24	cy of	3" - 0	@	\$13.47	per cy =	\$323.28
Turnouts	84	cy of	3" - 0	@	\$13.47	per cy =	\$1,131.48
Turn Around	16	cy of	3" - 1	@	\$13.47	per cy =	\$215.52
Landing	56	cy of	3" - 0	@	\$13.47	per cy =	\$754.32
Spot rock	10	cy of	1 1/2" - 0	@	\$4.00	per cy =	\$40.00
Total =							
	1,665	cy of	3" - 0				
	10	cy of	1 1/2" - 0				

PROJECT NO. 2 TOTAL COST = \$22,467.55

PROJECT NO. 4:

Grass seed and fertilize areas of disturbed soil. 1.18 acres @ \$200.00 per acre = \$235.00

PROJECT NO. 3 TOTAL COST = \$235.00

TOTAL COST = \$31,186.27

SUMMARY OF CONSTRUCTION COST

Timber Sale: Wildcat Stevens
 Road Segment: M to N

Timber Sale No. : 341-09-05
 Construction: 26+50 stations
0.50 miles

PROJECT NO. 1

EXCAVATION

Clearing and Grubbing (Scatter)	2.43	acres @	\$980.00	per acre =	\$2,381.40
Balanced Road Construction	21.35	sta @	\$90.00	per sta =	\$1,921.50
Full Bench Construction	5.15	sta			
Excavate & Load	2,500	cy @	\$1.14	per cy =	\$2,850.00
End haul	2,500	cy @	\$2.00	per cy =	\$5,000.00
Shape and Compact Fill/Waste Area	2,500	cy @	\$1.00	per cy =	\$2,500.00
Drift	5.00	sta @	\$150.00	per sta =	\$750.00
Construct Turnouts	3	ea @	\$60.00	per ea =	\$180.00
Construct Turn Around	1	ea @	\$75.00	per ea =	\$75.00
Landing	4	ea @	\$285.00	per ea =	\$1,140.00
Grade, Ditch, and Roll	26.50	sta @	\$28.70	per sta =	\$760.55
				TOTAL EXCAVATION COSTS=	\$17,558.45

CULVERTS - MATERIALS & INSTALLATION

Culverts

46 LF of 18" \$782.00
\$782.00

Culvert Markers

1 markers \$10.00

TOTAL CULVERT COSTS = **\$792.00**

PROJECT NO. 1 TOTAL COST = \$18,350.45

PROJECT NO. 2:

SURFACING

10" deep = 58 cy/sta

M to N	1,537	cy of	3" - 0	@	\$12.62	per cy =	\$19,396.94
Fill Widening	40	cy of	3" - 0	@	\$12.62	per cy =	\$504.80
Turn Around	16	cy of	3" - 0	@	\$14.02	per cy =	\$224.32
Turnouts	84	cy of	3" - 0	@	\$12.62	per cy =	\$1,060.08
Junction	20	cy of	3" - 0	@	\$12.62	per cy =	\$252.40
Landing	224	cy of	3" - 0	@	\$12.62	per cy =	\$2,826.88
Total =	1,921	cy of	3" - 0				

PROJECT NO. 2 TOTAL COST = \$24,265.42

PROJECT NO. 4:

Grass seed and fertilize areas of disturbed soil. 1.22 acres @ \$200.00 per acre = \$243.00

PROJECT NO. 3 TOTAL COST = \$243.00

TOTAL COST = \$42,858.87

SUMMARY OF CONSTRUCTION COST

Timber Sale: Wildcat Stevens
Road Segment: O to P

Timber Sale No. : 341-09-05
Construction: 1+85 stations
0.04 miles

PROJECT NO. 1

EXCAVATION

Clearing and Grubbing (Scatter)	0.17	acres @	\$980.00	per acre =	\$166.60
Balanced Road Construction	1.85	sta @	\$90.00	per sta =	\$166.50
Landing	1	ea @	\$285.00	per ea =	\$285.00
Grade, Ditch, and Roll	1.85	sta @	\$28.70	per sta =	\$53.10
TOTAL EXCAVATION COSTS=					\$671.20

PROJECT NO. 1 TOTAL COST = \$671.20

PROJECT NO. 2:

SURFACING

10" deep = 58 cy/sta

O to P	107	cy of	3" - 0"	@	\$12.45	per cy =	\$1,332.15
Landing	56	cy of	3" - 0"	@	\$12.45	per cy =	\$697.20
Total =	163	cy of	3" - 0"				

PROJECT NO. 2 TOTAL COST = \$2,029.35

PROJECT NO. 4:

Grass seed and fertilize areas of disturbed soil.	0.09	acres @	\$200.00	per acre =	\$17.00
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PROJECT NO. 3 TOTAL COST = \$17.00

TOTAL COST = \$2,717.55

SUMMARY OF CONSTRUCTION COST

Timber Sale: Wildcat Stevens
Road Segment: Q to R

Timber Sale No. : 341-09-05
Improvement: 14+35 stations
0.27 miles

PROJECT NO. 1

IMPROVEMENT

Excavate tank traps and back fill	4.00	hrs @	\$145.00	per hr =	\$580.00
Pull Ditch and Endhaul Waste Material	12.35	sta @	\$80.00	per sta =	\$988.00
Grade and Roll (Crown)	12.35	sta @	\$27.20	per sta =	\$335.92
Grade and Roll (Outslope)	2.00	sta @	\$27.20	per sta =	\$54.40
TOTAL EXCAVATION COSTS=					\$1,958.32

TOTAL COST = \$1,958.32

SUMMARY OF CONSTRUCTION COST

Timber Sale: Wildcat Stevens
Road Segment: Stockpile

Timber Sale No. : 341-09-05

PROJECT NO. 3:

Stockpile Rock	8,500	cy of	3" - 0	@	\$8.51 per cy =	\$72,335.00
Shape Stockpile	8,500	cy of	3" - 0	@	\$1.00 per cy =	<u>\$8,500.00</u>
Total =	8,500	cy of	3" - 0			

PROJECT NO. 2 TOTAL COST = \$80,835.00

TOTAL COST = \$80,835.00

Move-In Calculations

Timber Sale: **Wildcat Stevens**
 Sale Number: **341-09-05**

LOWBOY HAUL (Round Trip)		
DIST. (mi)	ROADWAY	AVE SPEED (mph)
0.0	Main Lines	7
0.0	Steep Grades	2

No.	EQUIPMENT DESCRIPTION	Base Cost	Woods Cost	Pilot Cars	Within Area			Within		
					Move (\$/mile)	Begin Mileage	End Mileage	Total Miles	Area Cost	Total Cost
0	Drill & Compressor	\$0.00	\$0.00		\$46.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0	Brush Cutter	\$0.00	\$0.00		\$4.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1	Graders	\$300.00	\$0.00		\$3.65	\$0.00	\$0.00	\$0.00	\$0.00	\$300.00
0	Loader (Small)	\$0.00	\$0.00	1	\$3.55	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0	Loader (Med. & Large)	\$0.00	\$0.00	1	\$9.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1	Rollers (smooth/grid) & Compactors	\$308.59	\$40.25		\$5.00	\$0.00	\$0.00	\$0.00	\$0.00	\$348.84
0	Excavators (Small)	\$0.00	\$0.00		\$22.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0	Excavators (Med.)	\$0.00	\$0.00		\$35.50	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1	Excavators (Large)	\$466.14	\$82.80	1	\$44.80	\$0.00	\$0.00	\$0.00	\$0.00	\$548.94
0	Tired Backhoes/Skidlers	\$0.00	\$0.00		\$3.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0	Tractors (D6)	\$0.00	\$0.00	2	\$7.10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0	Tractors (D7)	\$0.00	\$0.00	2	\$11.30	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1	Tractor (D8)	\$473.80	\$82.80	2	\$15.10	\$0.00	\$0.00	\$0.00	\$0.00	\$556.60
4	Dump Truck (10 cy +)	\$466.67	\$0.00		\$2.85	\$0.00	\$0.00	\$0.00	\$0.00	\$466.67
0	Dump Truck (Off Hiway)	\$0.00	\$0.00	1	\$4.75	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0	Water Truck (1500 Gal)	\$0.00	\$0.00		\$2.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
0	Water Truck (2500 Gal)	\$0.00	\$0.00		\$2.85	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
TOTAL MOVE-IN COSTS:										\$2,221.05

ROCK PIT DEVELOPMENT AND CRUSHING COST SUMMARY

Timber Sale: Wildcat Stevens
 Sale Number: 341-09-05
 Pit Name: Wildcat

Swell:	<u>1.30</u>	1-1/2"-0 (trk measure)	<u>cy</u>
Shrinkage:	<u>1.16</u>	3"-0 (trk measure)	<u>15,615 cy</u>
Drill Pct.:	<u>100%</u>	Total Truck Yardage:	<u>15,615 cy</u>
		Total In Place Yardage:	<u>12,012 cy</u>

Prep. Pit	<u>\$145.00</u> /hr x	<u>5</u> hr	=	\$725.00
Drill & Shoot	<u>\$2.50</u> /cy x	<u>12,012</u> cy	=	\$30,028.85
Push Rock:	<u>\$0.70</u> /cy x	<u>15,615</u> cy	=	\$10,930.50
Oversize Reduction:	<u>\$4.50</u> /cy x	<u>1,201</u> cy	=	\$5,405.19
Load Crusher:	<u>\$0.70</u> /cy x	<u>15,615</u> cy	=	\$10,930.50
Crushing (3" - 0):	<u>\$2.60</u> /cy x	<u>15,615</u> cy	=	\$40,599.00
Load Dump Truck:	<u>\$0.70</u> /cy x	<u>15,615</u> cy	=	\$10,930.50
Screening	<u>\$0.75</u> /cy x	<u>15,615</u> cy	=	\$11,711.25
Waste Reject	<u>\$0.85</u> /cy x	<u>2,342</u> cy	=	\$1,990.91
		Subtotal		<u>\$123,251.70</u>

Move in 2 Stage Crusher	\$2,987.00
Set up Crusher	\$2,898.00
Move in and set up Drill and Compressor	\$290.00
Move in Screening Plant	\$465.00
Move in D-8	\$750.00
Move in Loaders (2)	\$1,140.00
Clean Up Pit	\$300.00
Gradation Tests (\$65/2000 cy) <u>\$65.00</u> cy/2000cy x <u>8</u> tests	\$520.00
Change Gradation	\$210.00
	Subtotal <u>\$9,560.00</u>

PIT DEVELOPMENT COST \$8.51/cy

TOTAL PRODUCTION COST \$132,811.70

ROCK PIT DEVELOPMENT AND CRUSHING COST SUMMARY

Timber Sale: Wildcat Stevens

Sale Number: 341-09-05

Pit Name: Wildcat

Swell:	<u>1.30</u>	1-1/2"-0 (trk measure)	<u>20 cy</u>
Shrinkage:	<u>1.16</u>	3"-0 (trk measure)	<u>cy</u>
Drill Pct.:	<u>100%</u>	Total Truck Yardage:	<u>20 cy</u>
		Total In Place Yardage:	<u>15 cy</u>

Load Dump Truck:	<u>\$0.70 /cy</u> x	<u>20 cy</u>	=	<u>\$14.00</u>
			Subtotal	<u>\$14.00</u>

PIT DEVELOPMENT COST \$0.70/cy

TOTAL PRODUCTION COST \$14.00

TIMBER SALE SUMMARY
Wildcat Stevens
341-09-05

1. **Type of Sale:** Partial cut, recovery, sealed bid auction.
2. **Revenue Distribution:** 100% BOF, Washington County; 8% Rehab Obligation.
3. **Sale Acreage:** Area 1 is a 263 net acre moderate partial cut. Area 2 R/W is 7 net acres. All acres were determined using ArcView.
4. **Volume:**

Species	2 Saw	3 Saw	4 Saw	Volume (MBF)
Douglas-fir	1,117	2,326	873	4,316
Deductions (2%)	-22	-47	-17	-86
Total	1,095	2,279	856	4,230

5. **Cruise Data:** Area 1 was variable plot cruised for the Stand Level Inventory (SLI) by IRM contract cruisers. Grades were assigned based on the height, diameter and damage measurements provided by the SLI cruise. Data from plots was combined using the Superace 2004 program. Volume deductions of 2% were taken off gross totals due to observed and assumed hidden defect.

ODF right of way is 7 acres of new construction. The volume was obtained using information derived from Superace 2004.

Cruise statistics:

Area 1: CV 84.5% and SE 10.1%.

6. **Timber Description:** Area 1 is composed of 56 to 64 year old Douglas-fir. The average take DBH for Area 1 (PC) is 13 inches. Net take volume per acre averages 15.2 MBF in Area 1 (PC). Hardwoods and minor conifer species are present throughout the Timber Sale Area. Big-leaf maple is scattered in small amounts and red alder is found in concentrations around riparian areas. Minor conifer species include western red cedar and grand fir, and are scattered through the unit.

7. **Topography and Logging Method:** The sale area is roughly 65% ground based yarding systems and 35% cable based yarding. Slopes range from 5% to 60%. The maximum yarding distance is 1000 feet slope distance, average is 500 feet.

8. **Access:** Take Timber Road to Wildcat Mountain Road. Follow Wildcat Mountain Road for about 2 miles to the Timber Sale Area.

9. **Projects:**

Project No. 1 Construct 2.00 miles of new road and improve .27 miles of existing road:

\$45,921.72

Project No. 2 Surfacing for 2.00 miles of road and stockpile 8,500 cy: \$180,725.86

Project No. 3 Seeding and fertilizing disturbed areas: \$968.00

Move in cost: \$2,221.05

Total credit for all projects is \$229,210.00

10. Other Costs:

Other Costs with (P/R)

Brand and Paint: \$4,230.00

Snag Creation: \$10,520.00

Other Costs (no P/R)

Firewood Sorting: \$1,650.00

Block Skid roads: \$1,650.00

Total Other Costs: \$18,050.00

CRUISE REPORT
Wildcat Stevens
341-09-05

1. Acreage Calculation: Area 1 has 263 net acres. Area 2 (R/W) is 7 acres. All acres were determined using the Arc9 GIS computer program.

2. Cruise Method: The area was initially cruised by the Stand Level Inventory (SLI) by IRM contract cruisers. Cruised and expanded data from the applicable stands were inputted into the Super Ace 2004 program. No additional plots were taken as the standard error was within an allowable range. The plots were cruised using a 40 and a 46.94 BAF. Take trees and saw grades were assigned based on the height, diameter and damage/defect measurements provided by the SLI cruise and observations made in the field. Leave trees were selected in the Timber Sale Area by favoring the biggest and best and minor species. Volumes and statistics were generated from plot data by using the Super Ace 2004 program.

3. Sampling Intensity:

Area 1	Estimated	Actual
CV	80	85
SE %	11	10
No of Plots	70	70

Reported numbers are based upon calculations based upon take trees.

4. Form Factors: Form factors were estimated using a form point of 16 feet.

5. Height Standards: Merchantable heights were estimated to the nearest foot.

6. Diameter Standards: Diameters were measured outside bark at breast height to the nearest inch.

7. Grading System: All trees were graded favoring 40, 32, and 24 foot segments—in that order.

8. Merchantable Top: Conifer merchantable tops were measured to 6 inches, or 25% of DOB.

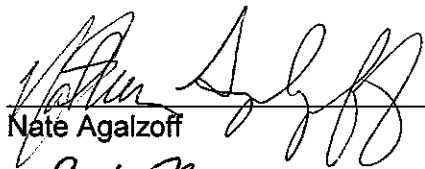
9. Computation Procedures: Volume for Area 1 was computed using the Super Ace 2004 program. Area 2 R/W is 7 acres of the timber sale area (determined using ArcGIS).

10. Deductions: Two percent of the conifer volume was subtracted from the computed volumes to account for observed as well as hidden defect and breakage.

11. Cruisers: The sale area was cruised by IRM contract cruisers in September 2005. Office calculations were prepared by Nate Agalzoff in October 2007.


12. Signatures:

Prepared by:



 Nate Agalzoff Date

Unit Forester:



 Erik Marcy 5-14-08
Date

Residual Stand Specifications

Sale Name: Wildcat Stevens

Sale Number: 341-09-05

AREA _1_

Residual QMD assumption (from cruise leave tree information) - 19".

Target Relative Density - 32

	Minimum	Target	Maximum
Relative Density	30	32	34
Basal Area	130	140	150
Trees per Acre	66	71	76

$$RD = BA / \sqrt{DBH}$$

$$BA = \sqrt{DBH} (RD)$$

$$BA/tree = (\pi r^2) / (144)$$

$$TPA = (BA/acre) / (BA/tree)$$

TC PSTATS		PROJECT STATISTICS							PAGE 1	
		PROJECT WILDSTEV							DATE 5/15/2008	
TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt	
02N	05	14	GALES	PC	263.00	70	410	S	W	
		PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES				
TOTAL		70	410	5.9						
CRUISE		70	410	5.9	47,419	.9				
DBH COUNT										
REFOREST										
COUNT										
BLANKS										
100 %										
STAND SUMMARY										
	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DF LEAVE	235	70.7	19.2	126		141.7	29,952	29,952	6,424	6,424
DOUG FIR	145	90.2	13.4	109		87.7	15,242	15,242	3,320	3,320
BL MAPLE	13	9.9	12.2	88		8.0	1,131	1,131	279	279
WR CEDAR	6	1.6	19.7	91		3.4	537	537	134	134
R ALDER	6	4.1	12.3	94		3.4	495	495	120	120
GR FIR	4	3.1	12.2	97		2.5	385	385	88	88
WHEMLOCK	1	.7	12.0	75		.6	65	65	15	15
TOTAL	410	180.3	15.9	113		247.3	47,808	47,808	10,379	10,379
CONFIDENCE LIMITS OF THE SAMPLE										
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR										
CL	68.1	COEFF	SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
DF LEAVE		69.8	4.6	552	579	605				
DOUG FIR		78.4	6.5	233	249	265				
BL MAPLE		82.7	23.8	118	155	192				
WR CEDAR		94.1	41.9	499	858	1,218				
R ALDER		71.0	31.6	109	160	211				
GR FIR		74.5	42.6	105	183	260				
WHEMLOCK										
TOTAL		86.8	4.3	423	442	460	301	75	33	
CL	68.1	COEFF	SAMPLE TREES - CF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
DF LEAVE		61.7	4.0	116	121	126				
DOUG FIR		74.1	6.1	51	55	58				
BL MAPLE		74.9	21.6	30	38	46				
WR CEDAR		88.0	39.2	123	203	282				
R ALDER		67.8	30.2	27	39	50				
GR FIR		79.5	45.4	23	43	63				
WHEMLOCK										
TOTAL		79.2	3.9	90	94	98	250	63	28	
CL	68.1	COEFF	TREES/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
DF LEAVE		39.3	4.7	67	71	74				
DOUG FIR		97.6	11.7	80	90	101				
BL MAPLE		381.6	45.6	5	10	14				
WR CEDAR		505.1	60.3	1	2	3				
R ALDER		597.9	71.4	1	4	7				
GR FIR		589.2	70.4	1	3	5				
WHEMLOCK		836.7	99.9	0	1	1				
TOTAL		57.7	6.9	168	180	193	133	33	15	
CL	68.1	COEFF	BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	

PROJECT STATISTICS
PROJECT WILDSTEV

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TC PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																		
T02N R05W S14 TyPC 263.00		Project: WILDSTEV				Page 1														
		Acres 263.00				Date 5/15/2008														
						Time 12:44:54PM														
Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent of Net Board Foot Volume								Average Log			Logs Per /Acre
									Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf	
									4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99				
D	DO2S	24		3,689	3,689	970				89	11		1	99	40	260	1.39	14.2		
D	DO3S	55		8,358	8,358	2,198			93	7			1	6	39	105	0.60	79.6		
D	DO4S	21		3,195	3,195	840			100				23	30	24	34	0.29	94.3		
D Totals		32		15,242	15,242	4,009			72	26	3		5	7	5	84	32	81	0.56	188.2
DL	DO2S	63		18,879	18,879	4,965				66	34		0	0	40	349	1.75	54.0		
DL	DO3S	30		9,190	9,190	2,417			88	12			1	5	39	118	0.71	77.7		
DL	DO4S	7		1,883	1,883	495			100				35	35	22	30	0.35	63.7		
DL Totals		63		29,952	29,952	7,877			33	46	21		2	3	2	93	34	153	0.97	195.4
BM	DO2S	7		84	84	22				100					40	290	1.52	.3		
BM	DO3S	31		350	350	92			100					17	38	81	0.56	4.3		
BM	DO4S	13		146	146	38			100			24	13	63	24	33	0.32	4.5		
BM	DOUT	49		551	551	145			82	18		4	12	9	75	31	66	0.53	8.4	
BM Totals		2		1,131	1,131	298			84	16			5	8	18	70	31	65	0.52	17.5
C	DO2S	69		371	371	98				24	76				40	670	3.79	.6		
C	DO3S	24		134	134	35			100					56	35	91	0.77	1.5		
C	DO4S	7		32	32	9			100				88	12	18	20	0.35	1.6		
C Totals		1		537	537	141			31	17	52		5	1	14	80	28	147	1.30	3.6
G	DO2S	18		73	73	19				100					40	200	1.18	.4		
G	DO3S	57		219	219	58			61	39					40	97	0.57	2.3		
G	DO4S	25		93	93	25			100			21		79	22	33	0.32	2.8		
G Totals		1		385	385	101			59	41			5		19	76	30	71	0.53	5.4
RA	DOUT	100		495	495	130			70	30			10	6	13	72	30	66	0.54	7.5
RA Totals		1		495	495	130			70	30			10	6	13	72	30	66	0.54	7.5
H	DO3S	77		51	51	13			100					100	32	70	0.50	.7		
H	DO4S	23		15	15	4			100			100			17	20	0.27	.7		
H Totals		0		65	65	17			100				22		78		25	45	0.42	1.5
Totals				47,808	47,808	12,573			47	38	15		3	4	4	89	33	114	0.76	419.1

Log Stock Table - MBF

T02N R05W S14 TyPC 263.00

Project: WILDSTEV
Acres 263.00

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Spp	S T	So Gr rt de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches													
								2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+		
D		DO 2S	24	11		11	.3														
D		DO 2S	40	960		960	23.9					507		289	138			11			
D		DO 3S	24	15		15	.4						7	8							
D		DO 3S	32	134		134	3.3				41	88	5								
D		DO 3S	33	6		6	.2				6										
D		DO 3S	35	2		2	.1				2										
D		DO 3S	36	21		21	.5				21										
D		DO 3S	37	3		3	.1				3										
D		DO 3S	38	8		8	.2				8										
D		DO 3S	40	2,008		2,008	50.1				288	952	611	157							
D		DO 4S	12	14		14	.3				14										
D		DO 4S	13	22		22	.5				22										
D		DO 4S	14	19		19	.5				19										
D		DO 4S	15	25		25	.6				25										
D		DO 4S	16	11		11	.3				11										
D		DO 4S	17	26		26	.7				26										
D		DO 4S	18	39		39	1.0				39										
D		DO 4S	19	14		14	.4				14										
D		DO 4S	20	22		22	.6				22										
D		DO 4S	23	4		4	.1				4										
D		DO 4S	24	176		176	4.4				148	29									
D		DO 4S	25	6		6	.1				6										
D		DO 4S	26	12		12	.3				12										
D		DO 4S	27	31		31	.8				31										
D		DO 4S	28	18		18	.4				18										
D		DO 4S	29	5		5	.1				5										
D		DO 4S	30	2		2	.1				2										
D		DO 4S	32	36		36	.9				25	11									
D		DO 4S	34	3		3	.1				3										
D		DO 4S	36	63		63	1.6				63										
D		DO 4S	37	125		125	3.1				125										
D		DO 4S	39	50		50	1.2				50										
D		DO 4S	40	115		115	2.9				115										
D		Totals		4,009		4,009	31.9				1170	1088	624	664	289	138	11	26			
DL		DO 2S	24	3		3	.0						3								
DL		DO 2S	32	15		15	.2						3		12						
DL		DO 2S	40	4,947		4,947	62.8						1114	1588	1422	636	159				27

Log Stock Table - MBF

T02N R05W S14 TyPC 263.00

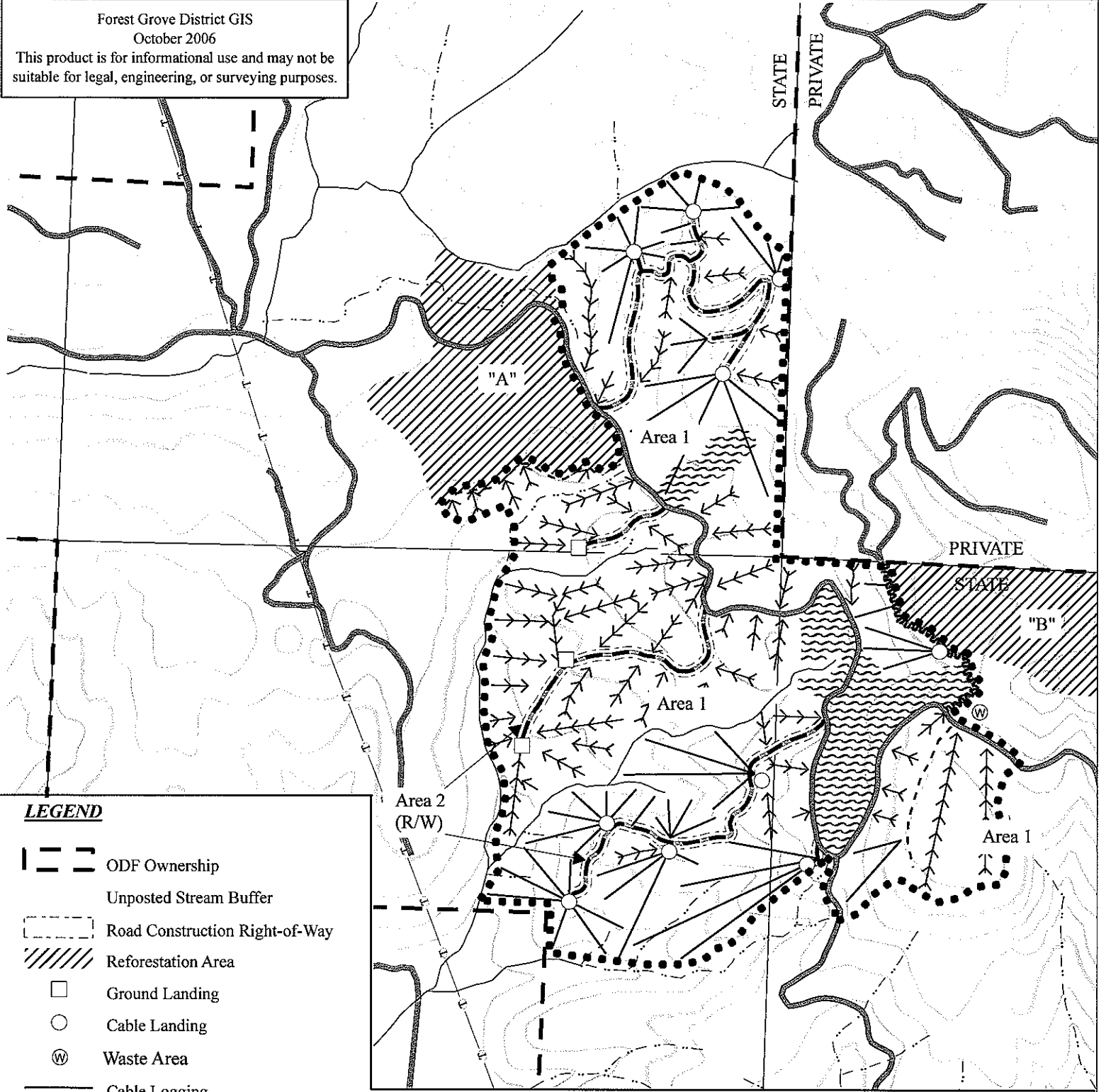
Project: WILDSTEV
Acres 263.00

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Date 5/15/2008
Time 12:44:54PM

Spp	S T	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches												
									2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+	
G		Totals			101		101	.8			41	19		41							
RA		DO	UT	12	3		3	2.1			3										
RA		DO	UT	19	4		4	2.9			4										
RA		DO	UT	20	6		6	4.6					6								
RA		DO	UT	21	5		5	3.8			5										
RA		DO	UT	22	3		3	2.0			3										
RA		DO	UT	32	17		17	12.7			17										
RA		DO	UT	38	6		6	4.4			6										
RA		DO	UT	40	88		88	67.5			17	32		39							
RA		Totals			130		130	1.0			53	32		6	39						
H		DO	3S	32	13		13	77.8				13									
H		DO	4S	17	4		4	22.2			4										
H		Totals			17		17	.1			4	13									
Total		All Species			12,573		12,573	100.0			2093	2186		1691	2126		1954	1598	669	206	50

TC		PSTNDSUM		Stand Table Summary								Page		1	
												Date:		5/15/2008	
T02N R05W S14 TyPC 263.00				Project WILDSTEV								Time:		1:25:54PM	
				Acres 263.00								Grown Year:			
S Spc T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals		
								Net Cu.Ft.	Net Bd.Ft.				Tons	Cunits	MBF
DL	10	1	88	95	1.048	.57	1.05	12.8	60.0	.31	13	63	83	35	17
DL	11	3	89	99	2.747	1.81	5.49	10.0	45.0	1.29	55	247	339	144	65
DL	12	7	89	100	5.218	4.10	10.44	12.7	55.1	3.12	133	575	822	350	151
DL	13	4	89	117	2.480	2.29	4.96	18.1	90.0	2.11	90	446	555	236	117
DL	14	6	89	113	3.299	3.53	5.53	19.6	90.0	2.55	109	498	671	285	131
DL	15	6	88	124	2.874	3.53	7.61	18.2	84.7	3.25	138	645	854	363	170
DL	16	16	88	127	6.830	9.54	18.45	22.0	99.4	9.55	406	1,834	2,511	1,069	482
DL	17	20	89	130	7.376	11.63	22.13	23.6	104.0	12.28	523	2,301	3,230	1,374	605
DL	18	13	88	122	4.483	7.92	13.45	24.4	102.4	7.71	328	1,377	2,029	863	362
DL	19	14	88	127	4.213	8.30	12.64	28.9	126.4	8.59	365	1,598	2,259	961	420
DL	20	24	89	129	6.512	14.21	19.54	33.0	147.3	15.15	645	2,877	3,984	1,695	757
DL	21	25	88	128	6.349	15.27	19.05	37.0	175.8	16.56	705	3,349	4,355	1,853	881
DL	22	19	88	132	4.449	11.74	13.35	40.4	187.7	12.66	539	2,505	3,331	1,417	659
DL	23	21	88	142	4.467	12.89	14.39	44.8	211.1	15.15	644	3,038	3,983	1,695	799
DL	24	8	89	139	1.518	4.77	4.74	49.5	230.9	5.51	234	1,093	1,448	616	288
DL	25	7	88	141	1.260	4.30	3.78	57.4	275.6	5.10	217	1,042	1,341	571	274
DL	26	9	88	142	1.502	5.54	4.82	57.1	274.3	6.46	275	1,321	1,699	723	347
DL	27	6	88	146	.912	3.63	3.17	59.6	304.9	4.44	189	965	1,167	497	254
DL	28	5	89	142	.737	3.15	2.35	67.4	336.9	3.72	158	790	977	416	208
DL	29	7	88	135	.979	4.49	3.21	68.7	343.6	5.18	220	1,103	1,363	580	290
DL	30	3	89	143	.369	1.81	1.36	68.1	349.1	2.18	93	475	573	244	125
DL	31	1	89	145	.109	.57	.44	66.2	335.0	.68	29	146	179	76	38
DL	32	3	89	139	.342	1.91	1.13	84.8	429.8	2.25	96	485	592	252	128
DL	34	3	88	146	.303	1.91	1.21	81.3	425.0	2.32	99	515	609	259	136
DL	35	1	88	140	.086	.57	.34	84.3	455.0	.68	29	156	178	76	41
DL	39	2	89	148	.138	1.14	.55	109.8	601.2	1.42	61	331	374	159	87
DL	41	1	89	155	.062	.57	.25	128.7	710.0	.75	32	177	198	84	47
DL	Totals	235	88	125	70.663	141.68	195.39	32.9	153.3	150.96	6,424	29,952	39,702	16,894	7,877
D	8	4	88	85	6.548	2.29	6.55	5.9	30.0	1.10	39	196	290	102	52
D	9	9	89	93	12.757	5.64	15.34	8.6	49.0	3.78	133	752	994	349	198
D	10	8	89	100	8.562	4.67	14.85	8.3	40.2	3.53	124	598	928	326	157
D	11	12	89	100	11.137	7.35	22.27	10.0	44.9	6.35	223	1,001	1,670	586	263
D	12	12	89	105	9.107	7.15	18.21	13.4	60.0	6.95	244	1,093	1,829	642	287
D	13	14	89	120	9.107	8.39	19.56	16.9	83.2	9.43	331	1,627	2,479	870	428
D	14	9	89	116	4.995	5.34	10.53	18.8	85.4	5.63	198	899	1,481	519	236
D	15	14	89	118	6.921	8.49	18.43	18.2	81.4	9.54	335	1,500	2,508	880	394
D	16	11	88	129	4.784	6.68	13.53	21.4	97.8	8.25	290	1,323	2,171	762	348
D	17	14	88	126	5.576	8.79	16.73	23.3	102.8	11.11	390	1,720	2,921	1,025	452
D	18	14	88	121	4.750	8.39	14.25	24.4	102.4	9.91	348	1,460	2,605	914	384
D	19	4	88	126	1.211	2.38	3.63	28.8	125.1	2.98	104	454	783	275	119
D	20	8	89	129	2.141	4.67	6.42	32.8	145.5	6.01	211	934	1,580	554	246
D	21	4	89	129	1.073	2.58	3.22	37.4	179.3	3.43	120	577	903	317	152
D	22	2	89	134	.470	1.24	1.41	41.8	197.7	1.68	59	279	442	155	73
D	23	2	88	139	.464	1.34	1.39	46.9	216.7	1.86	65	302	489	172	79
D	24	1	88	140	.182	.57	.55	51.2	236.7	.80	28	129	209	73	34
D	25	1	89	141	.168	.57	.50	57.5	276.7	.82	29	139	217	76	37
D	28	1	89	103	.134	.57	.40	55.8	253.3	.64	22	102	168	59	27
D	33	1	88	140	.096	.57	.38	75.6	407.5	.83	29	157	218	77	41
D	Totals	145	89	109	90.183	87.69	188.17	17.6	81.0	94.62	3,320	15,242	24,884	8,731	4,009
BM	10	3	86	68	3.505	1.91	3.50	12.8	56.5	1.19	45	198	314	118	52
BM	11	3	86	86	2.896	1.91	5.79	10.1	40.0	1.56	59	232	409	154	61
BM	12	1	88	109	.728	.57	1.46	15.4	65.0	.60	22	95	157	59	25

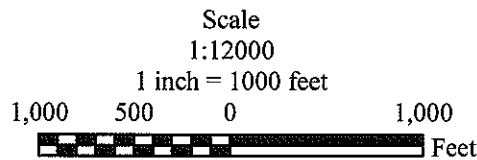
TC PSTNDSUM		Stand Table Summary										Page 2			
T02N R05W S14 TyPC 263.00		Project WILDSTEV										Date: 5/15/2008			
		Acres 263.00										Time: 1:25:54PM			
												Grown Year:			
S Spc T	Sample DBH	Trees	Tot		Trees/ Acre	BA/ Acre	Logs Acre	Average Log		Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals		
			FF 16'	Av Ht				Net Cu.Ft.	Net Bd.Ft.				Tons	Cunits	MBF
BM	14	3	80	106	1.696	1.81	3.93	18.1	66.6	1.88	71	262	494	186	69
BM	15	1	80	100	.466	.57	.93	23.2	80.0	.57	22	75	150	57	20
BM	19	2	89	120	.631	1.24	1.89	31.9	143.3	1.60	60	271	421	159	71
BM	Totals	13	85	88	9.920	8.02	17.50	15.9	64.7	7.39	279	1,131	1,945	734	298
C	12	1	80	88	.728	.57	1.46	11.7	45.0	.40	17	65	105	45	17
C	15	1	83	78	.466	.57	.93	17.8	55.0	.39	17	51	102	44	13
C	25	1	82	110	.168	.57	.50	47.4	186.7	.56	24	94	147	63	25
C	30	1	83	109	.116	.57	.35	69.2	286.7	.57	24	100	149	64	26
C	36	1	83	117	.081	.57	.24	106.2	443.3	.61	26	108	159	68	28
C	44	1	83	120	.054	.57	.16	163.0	733.3	.62	26	119	164	70	31
C	Totals	6	82	91	1.612	3.43	3.64	36.7	147.5	3.14	134	537	827	352	141
RA	10	2	86	92	2.095	1.14	3.14	10.2	43.3	.88	32	136	232	84	36
RA	12	1	85	93	.728	.57	1.46	13.9	55.0	.56	20	80	147	53	21
RA	13	1	86	90	.620	.57	1.24	15.6	60.0	.53	19	74	140	51	20
RA	17	1	89	101	.363	.57	.73	32.9	130.0	.66	24	94	173	63	25
RA	18	1	89	106	.323	.57	.97	25.5	113.3	.68	25	110	179	65	29
RA	Totals	6	86	94	4.129	3.43	7.53	16.0	65.7	3.31	120	495	870	316	130
G	10	2	89	84	2.276	1.24	3.50	8.8	42.5	.68	31	149	178	81	39
G	17	2	88	133	.788	1.24	1.94	29.4	121.6	1.25	57	236	330	150	62
G	Totals	4	89	97	3.064	2.48	5.44	16.1	70.7	1.93	88	385	507	231	101
H	12	1	88	75	.728	.57	1.46	10.4	45.0	.48	15	65	127	40	17
H	Totals	1	88	75	.728	.57	1.46	10.4	45.0	.48	15	65	127	40	17
Totals		410	88	113	180.299	247.30	419.14	24.8	114.1	261.83	10,379	47,808	68,862	27,298	12,573



LEGEND

- ODF Ownership
- Unposted Stream Buffer
- Road Construction Right-of-Way
- Reforestation Area
- Ground Landing
- Cable Landing
- Waste Area
- Cable Logging
- Ground Logging
- Timber Sale Boundary
- Non-thinnable Area
- Existing Roads
- Road Improvement
- Road Construction
- Logger's Choice Road
- Transmission Lines
- Perennial Type F Stream
- Perennial Type N Stream

FY 2008
LOGGING PLAN
WILDCAT STEVENS
 341-09-05
 PORTIONS OF SECTION 11, 13, & 14,
 T02N, R05W, W.M.
 WASHINGTON COUNTY, OREGON



APPROXIMATE NET ACREAGE	
AREA 1	263 ACRES (PC-M)
AREA 2	7 ACRES (R/W)
TOTAL	272 ACRES