PART IV: OTHER INFORMATION

State Timber Sale Contract No. 341-10-78 Pegleg Panther

NOTICE OF TRANSFER OF STATE TIMBER

Instruc	tions	629:-Form-301-010					
	te Section 1. Mark the box which	applies to you/your company in Section 2. Complete Section 3 and					
SECTION	ON 1						
On		state timber sale purchaser (Transferor).					
		, sold, exchanged or otherwise transferred to					
		(Transferee) state timber originating from State					
Timber	Sale Contract No.	<u>.</u> .					
Transfe	ree hereby certifies that they:						
(a)	Will not export the unprocessed	I state timber which is the subject of this transaction;					
(b)		or otherwise convey the unprocessed timber which is the subject of rson without first obtaining a like certification from that person.					
(c)	Are not prohibited by OAR's 62 from the State Forester, or this	9-31-005 through 045 from purchasing state timber or logs directly is a sale of Western Red Cedar for domestic processing.					
SECTION	ON 2"						
	Have not exported unprocesse	d timber originating from private lands in Oregon in the last 24 months.					
	This is a sale of hardwood logs	gs for domestic processing.					
	This is a sale of Western Red 0	n Red Cedar for domestic processing.					
	This is a sale of pulp logs or cu domestic operations for the pur	Il logs processed at domestic pulp mills, domestic chip plants or other pose of conversion of the logs into chips.					
SECTION	ON 3						
certifica	ties understand that falsely enter tion is a violation of the Forest Co 31, and is subject to any and all	ing into this certification, or failure to comply with the terms of this onservation and Shortage Relief Act of 1990 and OAR Chapter 629, penalties contained therein.					
Transfe	ror:	Transferee:					
Signed	**	Signed					
Title		Title					
Dated		Dated					
[Not 005]		he definition of unprocessed timber is the same as in OAR 629-31-					
Mail To:	State Forester 2600 State Street Salem, OR 97310						

Notice of Transfer of State Timber Form 301-010.doc/Jaz B (SF)



District: Coos

Date:

May 12, 2010

cost summary

	Conifer	Hardwood	Total
Gross Timber Sale Value	\$618,795.62	\$2,231.19	\$621,026.81
		Project Work:	\$(80,610.00)
		Advertised Value:	\$540,416.81

5/12/10 1



"STEWARDSHIP IN FORESTRY"

District: Coos

Date:

May 12, 2010

timber description

Location: Portions of Sections 19 and 20, T23S, R10W, W.M., Coos County, Oregon.

Stand Stocking: 60%

SpecieName	AvgDBH	Amortization (%)	Recovery (%)
Douglas - Fir	33	0	95
Western Hemlock / Fir	17	0	95
Alder (Red)	16	0	90

Volume by Grade	28	2S 12"+	3P	3S	6" - 7"	SM	Total
Douglas - Fir	1,380	0	94	208	0	208	1,890
Western Hemlock / Fir	0	0	0	52	0	0	52
Alder (Red)	0	5	0	0	4	0	9
Total	1,380	5	94	260	4	208	1,951



"STEWARDSHIP IN FORESTRY"

District: Coos Date: May 12, 2010

comments: Pond Values Used: 1st Quarter Calendar Year 2010.

Regeneration harvest of approximately 42 acres of 117-119 year old predominately Douglas-fir sawtimber.

Western redcedar Stumpage Price = Pond Value minus Logging Cost \$540/MBF = \$700/MBF - \$160/MBF

SCALING COST ALLOWANCE = \$5.00/MBF

FUEL COST ALLOWANCE = \$3.00/Gallon

HAULING COST ALLOWANCE

Hauling costs equivalent to \$700 daily truck cost.

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

- * Directional Felling/Tree Jacking: \$2/MBF x 250 MBF = \$500.
- * Brand and Paint Logs: $$1/MBF \times 1,951 MBF = $1,951$
- * Cull Sorting/Slash Piling: \$125/landing x 3 landings = \$375
- * Rig Lift Trees: \$100/tree x 4 trees = \$400
- * Artificial Guy Anchors (Dozer/Skidder): \$500/anchor x 2 anchors = \$1,000
- * Transport culls to road roads for firewood: \$100/hr x
 4 hrs = \$400
- * Tree topping/girdling: \$100/tree x 21 trees = \$2,100

TOTAL Other Costs (with Profit & Risk to be added) =\$6,726

Other Costs (No Profit & Risk to be added): None.



"STEWARDSHIP IN FORESTRY"

District: Coos

Date: May 12, 2010

logging conditions

combination#: 1

Douglas - Fir

100.00%

Western Hemlock / Fir

100.00%

Alder (Red)

100.00%

yarding distance: Medium (800 ft)

downhill yarding: No Process: Manual Delimbing

logging system: Cable: Large Tower >=70

Mature / Regen Cut (900 Bft/tree), 3-5 logs/MBF

tree size: loads / day:

12.0

bd. ft / load:

4,800

cost / mbf:

\$64.12

machines: Log

Log Loader (A)

Tower Yarder (Large)



"STEWARDSHIP IN FORESTRY"

District: Coos

Date:

May 12, 2010

logging costs

Operating Seasons:

1.00

Profit Risk:

10.00%

Project Costs:

\$80,610.00

Other Costs (P/R):

\$6,726.00

Slash Disposal:

\$0.00

Other Costs:

\$0.00

Miles of Road

Road Maintenance:

\$0.00

Dirt	Rock (Contractor)	Rock (State)	Paved	
1.0	1.0	0.0	0.0	

Hauling Costs

Species	\$ / MBF	Trips/Day	MBF / Load
Douglas - Fir	\$0.00	2.0	4.8
Western Hemlock / Fir	\$0.00	2.0	4.0
Alder (Red)	\$0.00	2.0	3.5

Local Pond Values

Date	Specie	Grade	Value
5/12/10	Douglas - Fir	3P	\$645.00
5/12/10	Douglas - Fir	SM	\$550.00
5/12/10	Douglas - Fir	2S	\$470.00
5/12/10	Douglas - Fir	3S	\$425.00
5/12/10	Western Hemlock / Fir	3S	\$360.00
5/12/10	Alder (Red)	2S 12"+	\$575.00
5/12/10	Alder (Red)	6" - 7"	\$275.00



"STEWARDSHIP IN FORESTRY"

District: Coos

Date:

May 12, 2010

logging costs breakdown

Logging	Road Maint	Fire Protect	Hauling	Other P/R appl	Profit & Risk	Slash Disposal	Scaling	Other	Total
Douglas -	Fir						**		
\$64.12	\$1.70	\$2.25	\$69.60	\$3.45	\$14.11	\$0.00	\$5.00	\$0.00	\$160.23
Western F	lemlock /	Fir				:			
\$64.12	\$1.70	\$2.25	\$83.52	\$3,45	\$15.50	\$0.00	\$5.00	\$0.00	\$175.54
Alder (Red	d)								
\$64.12	\$1.78	\$2.25	\$100.00	\$3.45	\$17.16	\$0.00	\$5.00	\$0.00	\$193.76

Specie	Amortization	Pond Value	Stumpage	Amortized
Douglas - Fir	\$0.00	\$482.56	\$322.33	\$0.00
Western Hemlock / Fir	\$0.00	\$360.00	\$184.46	\$0.00
Alder (Red)	\$0.00	\$441.67	\$247.91	\$0.00

5/12/10 6



District: Coos Date:

May 12, 2010

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	1,890	\$322.33	\$609,203.70
Western Hemlock / Fir	52	\$184.46	\$9,591.92
Alder (Red)	9	\$247.91	\$2,231.19

Gross Timber Sale Value

Recovery:

\$621,026.81

Prepared by: Jon Haynes

Phone: 541-267-1758

7 5/12/10

Summary of "Other Costs" for Timber Sale Appraisals

Sale Name: Pegleg Panther

Additional "Other Cost" with additional profit and risk to be added:

Felling	<u>Units</u>	Quantity	9	Cost/unit		Total Cost
3						
Locate Corridors and Skid Roads	MBF		\$	5.00	\$	_
Select Trees and Fall to Lead	MBF		\$	5.00	*	_
Small Tree Volume Cost addition	MBF	0	\$	10.00		_
Directional Felling/Tree Jacking	MBF	250	\$	2.00	•	500.00
Felling of unmerch material	acre	0	\$	80.00	\$	
Yarding and Loading						
Clear chute at cable settings	MBF		\$	3.00	\$	-
Brand and paint logs	MBF	1951	\$	1.00	\$	1,951.00
Cull sorting/slash piling on landings	landing	3	\$	125.00	\$	375.00
Rig lift trees	lift tree	4	\$	100.00	\$	400.00
Artificial guy anchors(dozer, skidder)	anchor	2	\$	500.00	\$	1,000.00
Log placement into streams (Exhibit I)	crossing	0	\$	720.00	\$	-
Transport culls to rock roads for firewood	Hours	4	\$	100.00	\$	400.00
Skid Road Layout	MBF		\$	5.00	\$	-
Non required Road Construction	Stations				\$	-
Miscellaneous Costs						
Additional fire equipment	Seasons	0	\$	2,000.00	\$	_
Maintenance rock (Section 2130)	yards	0	\$	25.00	\$	_
Safety Flaggers	per day	. 0	\$	150.00	\$	_
Tree topping/girdling	per tree	21	\$	100.00	\$	2,100.00
Equipment move-in for pullback & cleanup	per hr	0	\$	100.00	\$	-
Equipment time for pullback & cleanup	per hr	0	\$	100.00	\$	-
Total additional "Other Cost" with additiona	al profit and ris	sk to be added	ł		\$	6,726.00

Additional "Other Cost" with no additional profit and Risk

	<u>Units</u>	Quantity	<u>Cost/un</u>	<u>iit</u>	Total Cost
Non-required road construction	Stations			\$	_
Non-required road rocking	Cubic Yards			\$	_
Stream clearance	Feet			\$	_
Scaling (high piece count)	MBF		\$ 2	2.00 \$	_
				\$	_

Total additional "Other Cost" with no additional profit and Risk

\$ -

NET VOLUMES AND ACREAGE

Pegleg Panther

AF	LE EA &	Tree cnt.		NET VOLUMES (MBF)						
SPE	CIES	100%			By Cou	nty and	Fund			Vol.
		Units	Coos Douglas					Total	per	
Areas	Spec		FRA	FDF	Total	FRA	FDF	Total	Vols.	Acre
1 & 2	. D-fir		1890		1890			0	1890	45.0
	Hem		52		52			0	52	1.2
	Hdwd	end Brad Action to colonia	9	o become on our or or or	9	es superior construction of		0	9	0.2
	TOTALS		1951	0	1951	0	0	0	1951	

TOTAL S	A = A = A	DV CD	PENIEC

Douglas-fir Hemlock

Hdwd

1890 MBF

52 MBF 9 MBF Report by:

J. Haynes

02/09/2010

Date:

Asst. Dist. For.

21

Unit For.

Date 20/0.03.30 Date

EXISTING INTERIOR ROAD ACREAGE DEDUCTED. NO INGROWTH INCLUDED.

NET HARVEST ACREAGE BY COUNTY (to nearest acre)

	Coos County						Douglas County						
	,	FRA			FDF			FRA			FDF		TOTAL
Sale	Conife	∍r	Hard	Conife	er	Hard	Conif	er	Hard	Conife	er	Hard	ACRES
Area	СС	рс	wood	cc	pc	woods	СС	рс	woods	cc	рс	woods	
1 & 2	42										500100000000000000000000000000000000000		42
SUM	42	0	0	0	0	0	0	0	0	0	0	0	42

cc- clearcut

pc- partial cut

FDF- Forest Development Fund

FRA- Forest Revenue Account

TIMBER SALE SUMMARY

Pegleg Panther

- 1. Type of Sale: Final Harvest, Recovery, Sealed Bid
- **2. Boundary Lines:** Sale boundaries are marked on the ground with "Timber Sale Boundary" posters, red flagging, and red paint at locations shown on the Exhibit "A".
- 3. Revenue Distribution: 100% CSL; 100% Coos County
- <u>4. Sale Acreage:</u> The total sale area is approximately 42 acres divided into two adjacent areas. Sale acreage was determined from electronic digitizing using the ArcView GIS program and deductions were made for existing interior roads and rocky / non-stocked areas.

	Posted Acres	Interior Road Acres	Non-Stocked Acres	Net Cruise Acres	Net Harvest Acres
Area 1	17.2	.26	.50	16.4	17
Area 2	26.6	1.22	1.20	24.2	25
Total	43.8	1.48	1.70	40.6	42

5. Volume by Species, Fund and County. See Attached table.

6. Grade: (by Percent,)

Species	3 Peeler %	Special Mill %	2 Saw (12"+) %	3 Saw %	10"-11" % Hardwood	8"- 9" % Hardwood	6"-7" % Hardwood
Douglas-fir	5 %	11 %	73 %	11%			
Hemlock				100 %			
Hardwoods			59 %				41 %

7. Cruise: The sale areas were variable plot cruised using a nested Big BAF plot method. The Big BAF method is a combination of count plots and individually measured trees. The plots were spaced 90 feet apart on cruise lines spaced 330 feet (4 chains) apart across the combined sale area. A 360 BAF full plot at 16 feet was taken to determine which Douglas-fir trees would be fully measured. A total of 33 Douglas-fir trees were fully measured for DBH, height, grade and defect. A 40 BAF full plot at 16 feet was used to determine tree counts for all species. Minor species were measured on every third plot. A total of 48 count plots were installed. Cruise data was gathered using the Superace cruising technique. Cruising was done in December 2009 and January 2010 by ODF foresters N. Morris, D, Strubb, and J. Haynes.

A. Summary data (Areas 1 & 2):

Diam	Ht. Stand	Form Pt.	Form Factor	CV %	SE %
D4H	6" DIB	All species: 16'	Recorded for all cruised trees	52 %	9.0 %
			by estimate and measure		

B. Defect and Breakage Summary (Areas 1 & 2):

BY PERCENT

SPECIES	CRUISED DEFECT	HIDDEN DEFECT	BREAKAGE	TOTAL %
DOUGLAS FIR	3	5	6	14
HEMLOCK	0	7	7	14
HARDWOODS	0	8	7	15

C. Stand Data (Areas 1 & 2):

SPECIES	DBH	TREES/ACRE	BASAL AREA/AC	NET MBF/ACRE
DOUGLAS FIR	33	30	175	45.0
HEMLOCK	17	12	19	1.2
HARDWOODS	16	3	4	.2

D. Green Tree Retention: There are ten (10) green tree reserve areas associated with this sale that are reserved from cutting. These areas consist of perennial stream buffer extensions and intermittent stream buffers posted out of the sale boundary. These areas were not included in the cruise. There are scattered individual leave trees and pods of trees that are individually painted with red paint. These painted trees are removed from the cruise. The table below summarizes the green tree retention areas and the volume that has been removed from the cruise.

GTR Area	D-fir Count	D-fir MBF removed from cruise	Hemlock/ Cedar Count	Hemlock/ Cedar MBF removed from cruise	Hdwd Count	Hdwd MBF removed from cruise
Perennial Stream Buffer Extensions	77	9.7	14		7	
Seasonal Drainages / Scattered Upland	43	21.7	13	2.4	7	1.0
TOTALS	120	31	27	2	14	1

- 8. Timber Description: The total sale area is 42 acres and is medium stocked with 117-119 year old Douglas-fir with a minor understory of western hemlock and small patches of red alder. There is some bigleaf maple and redcedar concentrated in the stream buffers. Timber quality is average to good. There is some scattered butt log damage due to thinning operations done 35 years ago. The cruise expansion acres include only the timbered acres and not existing roads, rock, or non-stocked areas.
- 9. Topography: The sale areas are primarily north and east facing with steep slopes over 70 percent. A small Type N perennial tributary of Panther Creek bisects the sale areas and runs along the eastern boundary of Area 1 and Area 2. Four (4) other perennial Type N streams and five (5) intermittent Type N streams are within the sale areas.
- 10. Logging Method: The sale areas are designed to be cable logged uphill from new landings at Points C and E and from an existing landing at Point B. A new road spur will be built from from Point D to Point E, and the existing road spur from Point A to Point B will be improved. Full suspension will be required while yarding over posted stream buffers and drainages. Single end suspension will be maintained over the remainder of the sale areas. The sale areas abut the Panther Headwaters Marbled Murrelet Management Area along the east and approximately 12 acres or about 30 percent of the total sale is within 330 feet of said marbled murrelet management area and will be seasonally restricted. The cable landing at Point E is outside the 330 feet seasonally restricted area.
- 11. Access: To access the timber sale from the south take Coos River Highway for approximately 14.5 miles past Allegany to the 1000 road (Marlow Creek Road). Follow the 1000 road approximately 15.3 miles to the 1800 road (Panther Elk Divide Road). Turn left on the 1800 and continue for .9 miles to the sale area. To access the timber sale from the west take North Lake Road out of Lakeside for 4.2 miles to the 4000 road (Benson Ridge Road). Follow the 4000 road for approximately 7.0 miles to the 4900 road. Continue on the 4900 for a short distance to the 2000 road. Follow the 2000 road south for approximately .5 miles to the 8000 road. Follow the 8000 road downhill and parallel to the West Fork Millicoma River for approximately 4.8 miles to the 9000 road. Follow the 9000 road for approximately 1.8 miles to the 9500 road. Follow the 9500 road approximately 2.1 miles uphill to the sale area.

12. Projects: See attached "Project Cost Summary Sheet"

Projects No. 1: Road and Landing Construction

<u>Project No. 2</u>: Road and Landing Improvement

Project No. 3: Road Surfacing

Project No. 4: Rock Stockpiles (2) Delivery

SUMMARY OF CONSTRUCTION COST Pegleg Panther

<u>Project</u>	<u>1A:</u>	Road	and	Landing	Construction

Points:	D to E	Length:	600'	Тур	e: 14' no ditch		
	Excavator	******	15	hrs at	\$125.00	per hour	\$1,875.00
	Cat time	an experience of the	15	hrs at	\$120.00	per hour	\$1,800.00
	Grader	easterna.	1	hrs at	\$75.00	per hour	\$75.00
	Laborer	Alanas	15	hrs at	\$35.00	per hour	\$525.00

Total Project 1A:

\$4,275.00

Project 1B: Landing Construction

Point:	С	Length: n/a	Ту	pe: n/a		
	Excavator	10	hrs at	\$125.00	per hour	\$1,250.00
	Cat time	10	hrs at	\$120.00	per hour	\$1,200.00
	Laborer	10	hrs at	\$35.00	per hour	\$350.00

Total Project 1B:

\$2,800.00

Move-in

			Lowboy	
Equipment	Miles	hrs/RT	Rate/hr	Total
Excavator	35	5	\$95.00	\$475.00
Cat	35	5	\$95.00	\$475.00
Grader	35	4	\$95.00	\$380.00

Total Move-in:

\$1,330.00

Project 1 Total

\$8,405.00

Project 2: Road and Landing Improvement

Points:	A to B.	Length:	1030'	Тур	oe: 14' no ditch		
	Excavator	anu.	5	hrs at	\$125.00	per hour	\$625.00
	Cat time		5	hrs at	\$120.00	per hour	\$600.00
	Grader time	der, debe.	1	hrs at	\$75.00	per hour	\$75.00
	Laborer		5	hrs at	\$35.00	per hour	\$175.00

Project 2 Total

\$1,475.00

Project 3: Road Surfacing

Points: 1800 Road

1 1/2" rock for maintenance on road	36	yds at	\$25.57	per yd	\$920.52
for after construction (3.0 hr RT)					
1 1/2" rock for maintenance on road	72	yds at	\$25.57	per yd	\$1,841.04
for after logging (3.0 hr RT)			Militarianangan acaranasa.		

Project 3 Total

\$2,762.00

SUMMARY OF CONSTRUCTION COST **Pegleg Panther**

Project 4A: Rock Stockpile

Location:

Headwaters Stockpile (1000/8000 Rd Junction)

Measured amount:

Size:

1200 cu yds 1 1/2" - 0"

Cost per cu yd at crusher: \$12.24 Haul cost per cu yd (3.2 hr RT): \$14.22

per yd per yd

Piling and shaping cost per cu yd:

\$2.00

per yd

Total cost per cu yd:

Total cu yds:

\$28.46

per yd

1200

yards

Total Cost for Stockpile rock:

\$34,152.00

Total Project 4A:

\$34,152.00

Project 4B: Rock Stockpile

Location:

West Fork Millicoma Stockpile (1.5 mi on 8000 Rd)

Measured amount:

1200 cu yds

Size:

1 1/2" - 0"

Cost per cu yd at crusher: Haul cost per cu yd (2.3 hr RT);

\$15,96 \$10.22

per yd

Piling and shaping cost per cu yd:

\$2,00

per yd per yd

Total cost per cu yd:

\$28.18

per yd

Total cu yds;

1200

yards

Total Cost for Stockpile rock:

\$33,816.00

Total Project 4B:

\$33,816.00

Project 4 Total

\$67,968.00

Total Project Costs

\$80,610.00

CRUISE VOLUME COMPUTATION REPORT

SALE NAME:

Pegleg Panther

LEGAL LOCATION:

Secs. 19, 20, T23S, R10W WM. Coos County, OR DATE:

02/09/2010

BY;

J. Haynes

FIELD CULL PERCENTAGE

		8.	

Species	Doug-fir	Hemlock	Cedar	Hardwds
Field cull	0.03	0	0	0

NET FIELD VOLUME MBF (Gross vol. less field cull)

The second secon	1.00-2.5.50-	The section of the se	nam and this like chith	
SPECIES>>>>>	Doug-fir	Hemlock	Hardwds	TOTAL
Areas 1 & 2	2155	63	1	2229
less GTR vol	31	2	1	34
TOTAL	2124	61	10	2195

HIDDEN DEFECT AND BREAKAGE

Species	Doug-fir	Hemlock	Hardwds	
Hidden cull	0.05	0.07	0.08	
Breakage	0.06	0.07	0.07	
TOTAL	0.11	0.14	0.15	

NET VOLUME BY MBF BY AREA

SPECIES>>>>	Doug-fir	Hemlock	Hardwds	TOTALS
Areas 1 & 2	1890	52	9	1951
TOTALS	1890	52	9	1951

NET VOLUME BY GRADE AND MBF

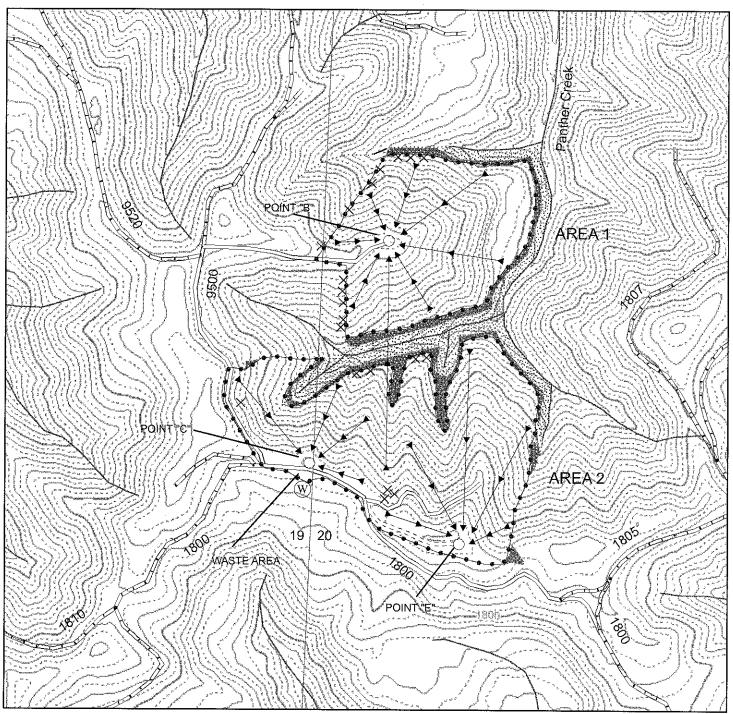
- 10 ² - 11 - 11 - 11 - 11 - 11 - 11 - 11 -	 			·		The state of the same designation of the state of the sta			
Grade >>>>>	>>>>>	2PEE	3PEE	S.M.	2SAW (12"+)	3SAW (10"-11")	Big 3 SAW	4SAW (8"-9")	(6"-7")
Areas 1 & 2	Doug-Fir	0	94	208	1380	208	0	0	0
	Hemlock	O:	0	0	0	52	0	0	0
	Hdwds	0	O	O.	5	0	O .	0	4

GRADE DISTRIBUTION BY PERCENT

						-,			
Grade >>>>:	>>>>>	2PEE	3PEE	S.M.	2SAW (12"+)	3SAW (10"-11")	Big 3 SAW	4SAW (8"-9")	(6"-7")
Areas 1 & 2	Doug-fir	0%	5%	11%	73%	11%	0%	0%	0%
	Hemlock	0%	0%	0%	0%	100%	0%	0%	0%
	Hdwds	0%	0%	0%	59%	0%	0%	0%	41%

Log Grade Percents*

<u> </u>					ident i dincilia				
	TOTAL	2PEE	3PEE	S.M.	2SAW (12"+)	3SAW (10"-11")	Big 3 SAW	4SAW (8"-9")	(6"7")
Doug-Fir	100	0	5	11	73	11	***************************************		
Hemlock	100	-0	0	0	0	100	0	0	
Hardwood	100	0	0	0	59	0	Ö	0	41





LOGGING PLAN

OF TIMBER SALE CONTRACT NO. 341-10-78
PEGLEG PANTHER

PORTIONS OF SECTIONS 19 AND 20 T23S, R10W W.M. COOS COUNTY, OREGON APPROXIMATE NET HARVEST ACRES

AREA 1: 17 ACRES AREA 2: 25 ACRES

TOTAL: 42 ACRES

CONTOUR INTERVAL 20' APPROX. SCALE: 1" = 500'



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