

1-Jul-11

2450

NORTHERN REGION - R-1

FOREST = 14 - Kootenai *

DISTRICT 05 - Libby *

Expiration Date = April 1, 2012

V11.1

TIMBER SALE AND
TRANSACTION EVIDENCE
APPRAISAL REPORT

Canyon 23 Salvage Sale

(SALE NAME)

Select Contract Type

TIM # 13501

TYPE 4 - Contract Form 2400-4

UOM CCF

Prepared by (Signature)

(Date)

Prepared by (Signature)

(Date)

Approved by District Ranger

(Date)

Reviewed by (Signature)

(Date)

All attached documents and specifications for this timber sale have been completed in accordance with regulations at 36 CFR, Part 223, Subpart B, and the applicable Forest Service Manual and Handbook requirements and standards related to timber sales. Furthermore, the environmental documentation and NEPA decision have been reviewed; no significant new information or changed circumstances relating to the environmental impacts of this proposed action exist that require a correction, supplement, or revision to the documentation or decision; and implementation (advertisement) should continue.

Certification Reports for Gates 3 and 4 from TIM are attached to this timber sale report.

Timber Sale Final Package Approved By:

(Date)

TIMBER SALE INFORMATION

TIM, Gate 3, Create Timber Sale (Prep101)

Sale Area Description:

Primary County Name (FIPS Code): *

Sale Area Legal Description (short T & R):

Sale Area Legal Description (long):

The format that the description is entered here and inputted to TIM is exactly the way it will print out in the Contract, Ad and prospectus at Gate 4.

Compartment (s):

Environmental Documentation:

Project Association: List NEPA Project(s) that approved the timber sale.

<u>NEPA Document Name</u>	<u>Percentage of Sale Volume (CCF)</u>
<input type="text" value="This was internally scoped, no NEPA was conducted"/>	<input type="text" value="100"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

The above NEPA Document(s) shall be included in the Prospectus, General Narrative, TIM Gate 4 - Prospectus (ADVR115). Include the following statement in the Prospectus: The environmental document(s) that approved this sale: _____

Briefly describe additions or changes made to project design during timber sale preparation.

TSPIRS INFORMATION, SALE OBJECTIVES

TIM, Gate 3, Create Timber Sale (Prep101)

<u>Purpose (TIM -PREP101)</u>	<u>Activity</u>	<u>% of Sale Volume - CCF (TIM - PREP101)</u>
TC - Timber Commodity Purpose *	01 - Timber Purpose *	100
*	*	
*	*	

KOOTENAI SALE PURPOSE CODING INSTRUCTIONS

<u>Management Areas</u>	<u>Sale Purpose Code</u>	<u>Type of sale</u>
All suitable MA's (MA 11,12,14,15,16,17)	TC/01	All sawtimber, non-sawtimber and fuelwood sales on all contract forms including permits.
Non suitable MA's	FS/___	All sawtimber sales, select the most appropriate activity based on documented sale purpose.
<i>In the absence of documented sale purpose reasons for nonsuitable MA'S, the following codes, based on stated goals and objectives in the Forest Plan, will be used.</i>		
MA 3, 5, 19	FS/10	General salvage
MA 6	FS/20	Hazard tree removal
MA 10	FS/30	Wildlife Habitat Improvement
MA 18	FS/90	Test Regen Techniques

Percentage: The percentage distribution will be 100% EXCEPT when an individual sale includes a mix of suitable and nonsuitable MA's. In this circumstance, the percentage split between TC and FS coding will be based on the sawtimber volume in the MA's. DO NOT distribute the percentage for nonchargeable product volume that may be included on sawtimber sales in suitable MA's. Code these as 100% TC/01.

Convertible product permits and non timber commercial sale contracts or permits.	FS/70/100%	Commercial sale of post, poles, Christmas trees, mushrooms, etc.
Firewood or Christmas Permits	PP/80/100%	Intent is personal use.

SALVAGE SALE FUND INFORMATION

TIM, Gate 4, Salvage Sale Fund Plan (ADVR112)

Reference to FSH 2409.18 - 52.45a - for assistance with SSF collections

<http://fsweb.wo.fs.fed.us/directives/fsh/2409.18/>

SSF Silviculture Treatment Type (Pick one)

Salvage *

SSF Volume (CCF): % of total volume

FUNDING SOURCE

Funding Source (button on tool bar) - From STAT102

Sale Preparation Funding Source ---SSSS (Salvage Fund) %

(Contact SO for percentage to enter into Funding Source form. Funding Source percentage must be equal to or less than % of salvage in the SSF Plan.)

CRUISE INFORMATION

CRUISE:	#	<input type="text" value="5022"/>	CHECK CRUISE:	
Date of Cruise		<input type="text" value="9/8/2012"/>	Date of Check:	<input type="text"/>
Cruisers:	<input type="text" value="Ben Valentine"/> <input type="text"/> <input type="text"/> <input type="text"/>		Cruisers:	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Method:	<input type="text" value="100% Sample Tree"/>		Results:	<input type="text"/>
SE%:	<input type="text"/>			

Method of determining ROW volume:

None

Basis for Percent Defect:

SEEN DEFECT

**CUTTING UNIT DESCRIPTION
(TIM GATE 3 - PREP 104)**

**VOLUME - DIRECT ENTRY
(TIM GATE 3 - PREP 103)**

Unit #	P.U.#	CUTTING UNIT DESCRIPTION (TIM GATE 3 - PREP 104)							VOLUME - DIRECT ENTRY (TIM GATE 3 - PREP 103)			
		Cruise Unit Acres	Appraisal Unit Acres	ROW Acres	Logging Method	Harvest Method	Land Suit Class	MA	Unit Volume CCF		Yield Component	
									Saw+Add	Non-Saw	CL	NL
1	1	1	1		420	132	500	15	4	0	4	
2	1	1	1		420	132	500	15	3	0	3	
3	1	1	1		420	132	500	15	3	0	3	
Totals Sheet 1		3	3	0					10	0	10	0

Total Sale Area: **10** Sale Area Acres
 Total Cutting Area: **3** Acres
 (Sheet 1)

Total Sawtimber (Sheet 1) **10** CCF
 Total Saw + Non-Saw (Sheet 1) **10** CCF

INPUT SHEET

MA	Land Class	CL / NL
2	700	NL
3	700	NL
4		
5	700	NL
6	700	NL
7	700	NL
8	700	NL
9	700	NL
10	700	NL
11	500	CL
12	500	CL
13	700	NL
14	500	CL
15	500	CL
16	500	CL
17	500	CL
18	700	NL
19	700	NL
20	350	NL
21	700	NL
22		
23	700	NL
24	700	NL
25		
26		
27		
28		
29	700	NL
30	700	NL
row	857	

SPECIES VOLUME SUMMARY

TREE MEASUREMENT SALES - UOM - CCF

Enter species by volume to reflect how Contract Species will be assigned in **TIM Gate 3 – Prep 105**. Species can be grouped in NCS (Report R101) to reflect Contract Species grouping required for input to Species Volume Summary.

Species Sawtimber	Total Defect	Total Volume
AF	0	0
C	0	0
DF	0	0
GF	0	0
H	0	0
L	5	10
LP	0	0
PP	0	0
S	0	0
WP	0	0
CS	0	0

Total Sawtimber	Average 5	10 <i>Appraisal Volume</i>
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Total Non-Sawtimber	Average 0	0
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Total Volume <i>(Sawtimber + Non-Sawtimber)</i>	Average 5	10 <i>A(T) 2 - Rd. Maint. Vol.</i>
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Net MBF/CCF Ratio For Sawtimber From NCS Report CS1	0.5306
--	--------

Net MBF/CCF Ratio For Non-Sawtimber From NCS Report CS1	0.0000
--	--------

<p>ASSIGN CONTRACT SPECIES TIM Gate 3 - Prep 105</p> <p style="text-align: center;">Contract Species Association</p> <p>Contract species need to be grouped to reflect differences in utilization and/or how species shall be grouped in A(T) 2 of the Timber Sale Contract.</p> <p>All Non-sawtimber shall be grouped as Combined Softwood (CS) under Contract Species</p>	<p>UTILIZATION STANDARDS TIM Gate 4 - Contract Prep Information ADVR114</p> <p>Fill out Minimum Specifications below to reflect how sawtimber & non-sawtimber were cruised.</p> <p>From the list below select the description of non-sawtimber products that reflects how the products were cruised and input in NCS.</p> <p>The description below is to be included in A(T)2 of timber sale. (Refer to non-sawtimber appraisal guide for more details & instructions).</p>
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Contract Species <input type="checkbox"/> (Major Species Group)	Full Name for Contract	Conversion Factors (only applicable to weight scale sales) (Enter from Species Volume Summary)		Minimum Specifications					
		MBF	CCF	DBH	Number of Pieces	Length	DIB	Merch. Factor	
		<input checked="" type="checkbox"/>	Larch & Other	Live and Dead	0.5306	1.000	7	1	8.0
<input checked="" type="checkbox"/>	CS		0	1.000		1	8.0	2.5	50
<input type="checkbox"/>	C14	Cedar Products - Net Merch. Factor - Refer to C(T)6.804#							

Select Non-Sawtimber Products description from the following:

Check a box

Non-Sawtimber products include (C(T)2.2): Primary product includes all trees **XX to 6.9"** DBH (less than minimum Sawtimber specifications shown in A(T)2); secondary product include tops of Sawtimber trees less than diameter inside bark at small end shown in A(T)2; and all trees not meeting minimum Sawtimber specifications but containing at least 50% pulpable woodfiber in terms of gross cubic volume. (C(T)6.801)

Non-Sawtimber products include (C(T)2.2): secondary product which are the tops of Sawtimber trees less than diameter inside bark small end shown in A(T)2; and any portion of a Sawtimber tree not meeting minimum Sawtimber specifications shown in A(T)2 but containing at least 50% pulpable woodfiber in terms of gross cubic volume (C(T)6.801).

Non-Sawtimber products include (C(T)2.2): secondary product which is the top portion of Sawtimber trees less than diameter inside bark small end shown in A(T)2 and containing at least 50% pulpable woodfiber in terms of gross cubic volume (C(T)6.801).

Non-Sawtimber products include (C(T)2.2): Primary product includes all trees **X.X" to 6.9"** DBH (less than minimum Sawtimber specifications shown in A(T)2) and secondary product which are tops of Sawtimber trees less than diameter inside bark at small end shown in A(T)2 and containing at least 50% pulpable woodfiber in terms of gross cubic volume (C(T)6.801).

Non-Sawtimber products include (C(T)2.2): Primary product includes all trees **X.X" to 6.9"** DBH (less than minimum Sawtimber specifications shown in A(T)2) and containing at least 50% pulpable woodfiber in terms of gross cubic volume (C(T)6.801).

NON-SAWTIMBER ADJUSTMENTS

DATA INPUT

Delivered Log Price (\$/Ton, Nonsawtimber material)	\$21.56	
Total Nonsawtimber Volume (CCF) (Primary + Secondary)	0	
Total Nonsawtimber Volume (Tons) (Primary + Secondary)	0	
Tons / CCF for nonsawtimber material	#DIV/0!	3.25 Adjustment
Total Appraised Sawlog Volume (CCF)	10	
Total One Way Weighted Haul Miles	63	50 Adjustment

Logging System	All Ground Based	All Cable	Range of Data Input
Nonsawtimber Primary Product (CCF)	0		
Net CCF / Acre Harvested for nonsawtimber primary product	4.0	4.0	<i>Not used in calculations</i>
Average DBH Harvested for nonsawtimber primary product	5.7		
Average Yarding Distance (Feet)	400	600	
Nonsawtimber Primary Product (Tons)	#DIV/0!	#DIV/0!	
Net Tons / Acre Harvested for nonsawtimber primary product	#DIV/0!	#DIV/0!	

Nonsawtimber Adjustment	
Final Nonsawtimber Value (\$/CCF) A positive number is a negative value.	#DIV/0!
Final Nonsawtimber Adjustment to enter into TE appraisal program (\$/CCF)	\$0.00

Non-Sawtimber is not included in this sale.

ROAD MAINTENANCE

(From Road Maintenance Appraisal Summary, sheets are attached)

Check Box to use Small Sale RM Rates.

Check Box to use Small Sale RM Rates plus Kooacanusa Bridge

(Small Sale Rates for Sales under 60 CCF)

Contract Rates

Total Performance Recurrent Maintenance (Part A)

\$/CCF	\$/TON
---------------	---------------

C(T)5.31 - Recurrent Maintenance

\$0.00	\$0.00
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C(T)5.312 - Reconditioning

\$0.00	\$0.00
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Total Performance (Part A)

\$0.00	\$0.00	(A)
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Total Required Deposits (Recurrent and Deferred) (Part B)

(Enter appropriate rate in TIM - Gate 4 - Road Maint. Plan - ADV105)

C(T)5.32# - Total Required Deposits (Part B)

\$1.27	\$0.00	(B)
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C(T)5.314 - Total Dust Abatement (Part C)

\$0.00	\$0.00	(C)
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TOTAL MAINTENANCE COST (Parts A-B-C)

\$1.27	\$0.00
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Small Sale RM Rates are being used.

Appraisal Rates

(Entries for 2400 - 17)

Total Required Deposits

\$	\$1.27	CCF
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Total Road Maintenance Costs (Performance + Deposits)

\$	\$1.27	CCF
----	--------	-----

***Refer to Road Maintenance Appraisal for Road Reconditioning cost per road segment.
(Attach worksheets with road costs)***

BRUSH DISPOSAL

From FACTS - Detailed Listing of BD and Purchaser Slash Treatment Activities

Appraisal Rates for 2400-17 (Applied to Sawtimber only)

Forest Service Rate (Fund Code BDBD) **\$147.80** Total \$ (a) **\$14.78** CCF

Purchaser Rate (Fund Code PPPP) **\$122.50** Total\$ (b) **\$12.25** CCF

TOTAL: (a) + (b) = **\$27.03 CCF**

Contract Rates (Applied to All Products)

Forest Service Rate Per CCF (Fund Code BDBD) **\$14.78** CCF

EROSION CONTROL

The following seed and fertilizer mix is the standard mix to be used on the Kootenai. This mix is to be included in C(T)6.601# - Erosion Control Seeding and Special Project Specifications (SPS) 625.05 in the road package.

Make sure that the seed mix and fertilizer are the same in both contract and road package.

Site specific areas, such as gravel pits and very dry sites may call for more and/or different species in the mix. Document below the rationale for deviation from the standard seed mix.

Species of Seed	Pounds per Acre
Annual Rye or Winter Wheat	18
Hard Fescue	6
Orchard Grass	6
TOTAL	30

Type of Fertilizer	Pounds per Acre
25-10-10 or 27-12-12 or 34-16-10	240
TOTAL	240

Crossdrains

Installation of crossdrains on temporary roads, skid trails and firelines are included in their respective cost allowance.

Scarification

acres @ per acre =

Seed and Fertilizer

If Temp Road seeding is not included in Temp Road worksheet then enter here

Temporary Roads feet = acres
 Firelines feet = acres

Skid Trails

Number of acres to be skidded using ground based systems times the percentage of area requiring seed and fertilizer. acres X % = acres

Number of acres to be yarded using cable systems times the percentage of area requiring seed and fertilizer. acres X % = acres

Landings

Number of landings X acres per landing = acres

TOTAL acres

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder
Acres	3	0	0	0	0

Seed mix, fert., labor costs:

	<u>Lbs / Acre</u>		<u>\$ / Lb</u>	=	<u>\$ per Acre</u>
Annual Rye or Winter Wheat	18	X	\$0.79	=	\$14.22
Hard Fescue	6	X	\$3.19	=	\$19.14
Orchard Grass	6	X	\$1.69	=	\$10.14
Fertilizer	240	X	\$0.20	=	\$48.00
*Labor per Acre				=	\$249.00
				\$ per acre	\$340.50

Total cost for

SEEDING	0.7	acres	X	\$43.50	\$/acre	=	\$30.45
FERTILIZER	0.7	acres	X	\$48.00	\$/acre	=	\$33.60
LABOR	0.7	acres	X	\$249.00	\$/acre	=	\$174.30
SCARIFICATION							\$0.00
				TOTAL			\$238.35

\$238.35 COST / **10** CCF = **\$23.84** PER CCF

* Engineers estimate Page 114 of the Cost Guide Item Labor Rates.

Document Rational for Changes to Standard Seed Mix.

OTHER CONTRACTUAL REQUIREMENTS (A)

**Other - Include Contractual Obligations Requiring Performance Bond Coverage
(Road closure, Barriers, Trail Restoration, etc.)**

ITEM	#	X	COST	=	TOT COST
		X	per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00

\$0.00 Cost / **10** CCF = **\$0.00** CCF

Subtotal Other Contractual Requirements (A) = \$0.00 CCF

MISCELLANEOUS CONTRACTUAL REQUIREMENTS (C)

(Contractual Obligations That Would Not Require Coverage Under The Performance Bond)

Stump Shoveling (Not required under normal operating/winter conditions. Include if clippers not allowed)

stumps X per stump =

Cost / CCF = CCF

Snow Plowing

miles X per mile X # plowings =

Cost / CCF = CCF

Miscellaneous: (Helicopter Landing Construction, Traffic Control etc...)

ITEM	#	X	COST	TOT COST
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00

Cost / CCF = CCF

Subtotal Miscellaneous Contractual Requirements (C) CCF

Total Other Contractual Requirements (A+B+C)	<input type="text" value="\$0.00"/> CCF
Brush Disposal (Purchaser and FS)	<input type="text" value="\$0.00"/> CCF
Total Environmental Protection Cost	<input type="text" value="\$0.00"/> CCF

TIMBER SALE CONTRACT INFORMATION

Tim Gate 4 - Contract Preparation information (ADVR114)

Periodic Payment Schedule

Approximate Award Date: mm/dd/yy

(And Road Completion Date if roads are included.)

Road Completion Date: mm/dd/yy
(N/A if no roads)

Contract Termination Date: mm/dd/yy

TIM - Input at Gate 4 - Prospectus, Bid and Misc. Information - Page 1 (ADVR115)

Approximate Payment Date:

Include the following statement in the Prospectus for sales without a road completion date.

As per B(T) 4.213, Periodic Payment Shedule, a periodic payment will be required. The approximate periodic payment date is XXXX. The final date will be based on the award date of this timber sale contract.

FIRE LIABILITY CALCULATION (ADVR114, Page 4)

5 CCF / man day --- 120 operating days / year --- 600 CCF / man year --- 12 hrs / shift --- 5 shifts / week.
(1/Current AD-C Firefighter wage (\$13.64 (3/16/08) – FSH 5109.34 Chp 10 – WO Interim Directive Eff.
Date 3/16/07 – Update Yearly)

(A)	Sawtimber Volume =	<input type="text" value="10"/>	CCF
(B)	Sale Duration =	<input type="text" value="0.6"/>	YEARS (Calculated from Award Date to Termination Date)
(C)	Operating Days in Sale =	<input type="text" value="72"/>	(Sale Duration X 120 days.)
(D)	CCF Per Day =	<input type="text" value="0.1"/>	(Sawtimber Volume / Operating Days in Sale)
(E)	Men Needed to Log Sale =	<input type="text" value="0.0"/>	(CCF Per Day / 5 CCF)
(F)	Liability =	<input type="text" value="\$17.08"/>	(Wage Rate AD-C) X <input type="text" value="12"/> (hrs/shift) X <input type="text" value="5"/> (# shifts) X
	<input type="text" value="0.0"/> (# men) =	TOTAL LIABILITY = <input type="text" value="\$0"/>	

Round up to nearest \$50.00 up to \$200.00, then round up to nearest \$100.00

ROUNDED TOTAL =

BID GUARANTEE:

Advertised Value X 10% =

Rounded up to nearest \$100.00 =

When sale is entered through TIM, Bid Guarantee is calculated and auto-filled during completion of Gate 4 –Prospectus, Bid and Misc. Information – Page 1- (ADVR115)

MINIMUM PERFORMANCE BOND:

TIM Gate 4 - Prospectus, Bid and Misc. Information - Page 3 - (ADVR115)

The greater of (A) or (B) rounded **UP** to nearest \$100.00 if sale is under \$10,000.00 stumpage value and up to nearest \$1,000.00 if sale is over \$10,000 stumpage value.

(A) Advertised Value X 10% =

Rounded 10% Advertised Value = (A)

(B) Purchaser requirements (Performance) - Based on number of seasons.

Road Maintenance =	<input type="text" value="\$0.00"/>	CCF
Erosion =	<input type="text" value="\$23.84"/>	CCF
Brush Disposal =	<input type="text" value="\$12.25"/>	CCF
Other =	<input type="text" value="\$0.00"/>	CCF
Total =	<input type="text" value="\$36.09"/>	CCF

Total Purchaser Requirements = X Tot Vol CCF = Tot Value

divided by # Seasons = Performance Bond Value

Rounded Performance Bond Value = (B)

MINIMUM PERFORMANCE BOND

Create New Sales

Forest No **14 - Kootenai**
 District No **05 - Libby**
 Sale No **13501**
 Sale Name **Canyon 23 Salvage Sale**

Basic Information

Advertised Sale Number
 State **MT - Montana** *
 County Code **053 - Lincoln**
 Compartment No **562**
 Legal Description **T31N,R28W,PMM**

Appraisal Date **10/15/2012**
 Contract Date
 Term Date **6/30/2013**
 Bid Date

Modified By
 Modified Date

Size Class **4 - \$300.01 thru \$10,000** *
 Sale Status **7070 - Other sale/bidder qualifications** *
 SBA Code **N - No** *
 Appraisal Type **SRA - Standard Rate Appraisal** *
 Salvage Code **2 - Salv Sale or Salv Component in Regular Program** *
 Pricing Method **FLAT - Flat Rate** *
 SAI Collection
 Contract No
 Contract Form **4 - Contract Form 2400-4**
 CO Authority **S - Forest Supervisor** *
 Sale Method **S - Sealed Bids** *
 Regulation Code **6 - 36 CFR 223.1** *

Area & Volume

Sale Acres	10	Cut Acres	3
Clearcut Acres		Clearcut Volume	
Seed Tree Acres	3	Seed Tree Volume	10
Right Of Way Acres		Right Of Way Volume	
Final Seed Tree Acres		Final Seed Tree Volume	
Shelter Wood Acres		Shelter Wood Volume	
Cedar Poles: Volume			
Count			
Length			
Percent Salvage	100%		

Costs / CCF

Slash FS	\$14.78
Slash Total	\$27.03
Ersion	\$23.84
Snag	
Misc	
Temp Roads	
Other Temp Dev	
Unusual Cond Adj	
Road Maint Dep	\$1.27
Road Maint Total	\$1.27
Small Product Adj	

Comments

Blank
Includes other (A), weeds (B), Misc ©
Blank
Includes Tons/CCF Adjustment

Roads

Construction Miles	
Reconstruction Miles	
Appraisal Point	Moyie Springs
Total Haul Miles	68
Temp Road Const Miles	
Contributed Funds	
Timber Property Value	

Costs	
Costs	
State	Idaho
Paved Miles	63.0
Costs	

Logging Systems

	Acres	CCF	Distance(ft)
Tractor	3	10	510
Horse			
Ground Lead			
Skyline			
Heli			
Swing			
Forwarder			

Use this sheet to calculate advertised value and to convert \$/CCF to \$/Tons.

Attach this sheet to the 2400-17 for Documentation.

Sawtimber Rate from the 2400-17 \$22.26

Conversion to Tons

	<u>Adv. Rate</u>	<u>CCF Vol</u>	<u>Tons</u>	<u>Advertised Rate per Ton</u>
Sawtimber	\$22.26	10	32	NOT USED
Non_Saw	\$0.00	0	0	NOT USED
Base Rate (Sawtimber)	\$3.00	10	32	NOT USED

Total Advertised Value \$222.60