

## NOTICE OF SALE

### Department of Natural Resources & Conservation Timber Sale

The Clark Cant Hook Timber Sale is located within Section 16, T12N-R22W on the State's Missoula Unit. Approximately 13,248 tons, consisting primarily of Douglas-fir sawlogs, are offered for sale.

Sealed bids will be opened at the Department of Natural Resources & Conservation, 2705 Spurgin Road, Missoula, Montana on **May 31, 2017 at 2:00 p.m.** Bids may be hand delivered or mailed and will be accepted any time prior to the bid opening. **DNRC recommends that bidders contact the Trust Land Management Division (406-542-4300) prior to the bid opening to ensure that your bid has been received.** Bids must be accompanied by a deposit of **\$1,371.00**, representing 5% of the minimum bid value of the sale in cashier's check, certified check, bank money order or bank draft to be applied to the first sale invoice for the successful bidder. Bid bonds will be accepted and, for the successful bidder, will be closed upon execution of the Timber Sale Contract and Timber Sale Bond.

The sale will be awarded to the highest responsible bidder. If the successful bidder is unable to execute the contract within **30** calendar days from the date the sale is awarded, the bid deposit will be retained by the Department as liquidated damages. The right is reserved to reject any or all bids.

Prospective bidders can obtain the sale prospectus, sale contract and bid forms from the Department of Natural Resources & Conservation, Trust Land Management Division, in Missoula (406-542-4300).

Visit our website at <http://dnrc.mt.gov/divisions/trust/forest-management/timber-sale-information> for upcoming sales and bid results.

**TIMBER SALE PROSPECTUS**  
**MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION**

<b>Timber Sale Name: Clark Cant Hook</b>			
<b>Timber Sale Location: Section 16 T12N R22W</b>			
<b>For specific sale information, contact: Amy Helena</b>			
Phone	406-542-5803	Unit Office: Missoula	
<b>For copies of the Timber Sale Contract and bid forms, contact:</b>			
Phone	406-542-4300	Forest Management Bureau	DNRC Missoula Office
Phone	406-542-4262	Southwestern Land Office	Missoula Office

**General Bidding Information**

1. Bids must be submitted on standard Department of Natural Resources & Conservation (Dept) bid forms.
2. Timber will be sold to the highest responsible bidder; however, the Dept reserves the right to reject any or all bids.
3. The Dept recommends that bidders contact the Forest Management Bureau, Trust Land Management Division (542-4300) prior to the bid opening to ensure that your bid has been received.
4. A **Bid Guarantee** must accompany all bids and must be in the form of cash, cashiers check, certified check, money order, bank draft, surety bond or irrevocable letter of credit.
5. The Purchaser must submit a **Performance Bond** to the Dept within a maximum of 30 days of notification of sale award. The bond amount will be, at a minimum, 20% of the total bid value of the sale. The performance bond may be in the form of cash, irrevocable letter of credit, surety bond or certificate of deposit. The performance bond must be maintained separately from other payments for the duration of the sale contract. See the Timber Sale Contract for additional information.
6. The purchaser must submit an **Advance Stumpage Payment** prior to cutting any timber. The amount of the advance stumpage payment will be based on the expected harvest rate and the bid value of the stumpage. The advance stumpage payment may be in the form of cash, irrevocable letter of credit, payment bond or certificate of deposit.
7. At rates specified in the Contract, the purchaser will pay **Forest Improvement Fees** on all sawlog volume. All applicable **Road Use and/or Maintenance fees** will also be paid by the Purchaser in addition to stumpage payments.
8. This sale is being sold based on the gross weight of all species. Minimum price and bid price are on a per ton basis. Unless specified, the price applies to all species, green and dead. Price may vary by product. Billing will be based on gross weight. A weight ticket from a certified scale is required for each load hauled, regardless of product type.
9. The Dept has estimated the net scale merchantable sawlog volume to be available for purchase under this contract. Other products may be part of this sale. All delivered wood will be weighed and billed at per ton bid rates. The Dept recognizes that a percentage of delivered wood may not meet the log manufacturing and recovery standards of the timber sale contract. The actual percentage will vary based on the log manufacturing and recovery specifications of the purchaser and tree conditions in the sale area. The actual delivered weight may vary, resulting in an overrun or under-run of the estimated tonnage. The Dept strongly recommends that bidders evaluate these effects before bidding.
10. The Dept does not conduct detailed road appraisals. All appraised costs are gross estimates or averages, provided only to show the relative amount of work required, and not the true market value. The Dept strongly recommends that bidders make their own estimates based on contract requirements. Cost estimates provided are not guaranteed.
11. Bidders are encouraged to examine the complete Timber Sale Package and Sale Area prior to bidding. Additional information is available at the phone numbers shown above.
12. Estimates for sale volume, species percents, defect, product class, etc. provided in this prospectus and volume estimates listed in the sale contract are not guaranteed.
13. This prospectus is provided for information purposes only. If the prospectus is in error or contradicts the Timber Sale Contract, the contract governs.

**Additional Sale Information:**

1. **FELLING OF PULP MATERIAL REQUIRED (Unit 1):** All unhealthy trees with poor crowns greater than 5" DBH but not meeting sawlog recovery standards, and that are not designated to leave, will be cut and then using a combination of: cut into a pulp log, skidded to a landing pile or slashed in the unit.
2. **WHOLE TREE SKIDDING REQUIRED (Unit 1):** All tree tops shall be skidded to the landing attached to the top log, then bucked and piled at the landing.
3. **DELETION OF AREAS WITH BLIND LEADS (Unit 2):** Within skyline yarding area, blindleads identified by the Purchaser and approved by the Forest Officer may be deleted from the harvest unit.
4. **TAIL TREES/TAIL HOLDS LOCATED IN THE SMZ (Unit 2):** If trees within the SMZ are used as tail trees/tail holds and they are pulled over they are to be left. If it is discovered that undesignated or reserve trees within the SMZ are cut and/or removed as a result of Purchaser's operations it shall be considered cut in trespass and the Purchaser may be charged three times the highest Contract stumpage rate (minimum \$10.00/ton) for the Contract product class(es) the tree contains. In addition, if the Forest Officer determines that a suitable replacement for a reserve tree as described above is not available, Purchaser agrees to pay the State \$500.00 per tree, in addition to the rates charged in Section IV.G.4.a. UNDESIGNATED TREES.
5. **X-LINE SYSTEM REQUIRED (Unit 2): FORWARDING FROM THE YARDER (Excaline Yarding):**
  - a. A yarding system capable of yarding 1,600-2,000 feet external yarding distance uphill must be used.
  - b. A yarder capable of working from low standard skid trails and ridgelines required.
  - c. Processed logs shall be skidded from the yarder to a roadside deck or landing.
  - d. When rigging is attached to trees not designated for cutting, tree plates or similar effective protective devices may be required and will be removed at completion of use.
  - e. Erosion control, such as slashing or retaining tops, will be required on skid trails concurrent with skidding operations and as directed by the Forest Officer.
  - f. Corridors shall be spaced not less than 75 feet apart unless approved by the Forest Officer. In the case of ridges where fan-shaped settings are required, the minimum distance at the widest divergence will be 150 feet.
6. **FIREWOOD:** Firewood material that does not meet sawlog specifications will be offered at \$2.00 per ton.
7. **THIS PACKAGE INCLUDES ROAD BUILDING.** It is highly recommended that Attachment B in the timber sale contract be reviewed prior to bidding.
8. **IT IS RECOMMENDED THAT A COPY OF THE CONTRACT BE REVIEWED PRIOR TO BIDDING.**
9. **TEMPORARY ROAD USE PERMIT (TRUP):** The haul route is through the USFS. A TRUP was obtained. All conditions outlined in the TRUP must be followed. **THIS IS THE ONLY ACCESS ROUTE. CONTACT MISSOULA UNIT PRIOR TO ACCESSING THE TIMBER SALE AREA.**

**Timber Sale Information Sheet**  
**Montana Department of Natural Resources and Conservation**

<b>CLARK CANT HOOK</b>										
<b>Timber Sale Cruise Data</b>										
SPECIES	PP	DF	WL	LP	ES	WF	CE	WP	Dead	TOTAL or AVE
Minimum Bid										\$2.07 per ton
Pounds per cubic foot										
Estimated tons of sawlogs (5.6" top DIB)	1,464	11,238	440	53	0	28	0	0	26	<b>13,248 tons</b>
Estimated tons of other material (pulp, etc)										0 tons
Gross MBF (Scribner 5.6" top DIB)	298	2,209	89	7	0	5	0	0	11	2,618 MBF
% Cull and Breakage	25	28	32	10	0	5	0	0	58	27.8%
Net MBF (Scribner 5.6" top DIB)	222	1,595	61	7	0	3	0	0	4	1,891 MBF
Average logs per MBF	19.6	25.7	35.9	25.6	0	2.3	0	0	2.1	25.6 logs/M
Average DBH	12	12	8.7	7.7	0	8.5	0	0	8.5	11.9 in.
Average tons per acre harvested in leave-tree marked units	→									37 tons/ac
Average tons per acre harvested in cut-tree-marked units	→									N/A
Average MBF to cut per acre on the timber sale	→									5.2 MBF/ac
Range of cut trees per acre based on unit cruise	→									98
Calculated Sampling Error: Total cruised volume will fall between	1,633 and 2,150 Net MBF in 9 out of 10 cruises									13.7%
<b>Tons Per Thousand Board Feet</b>										
Contract Value - Estimated tons hauled per thousand Scribner board feet	13,248 estimated tons to a 5.6 inch top / 1,891 Net MBF Scribner to a 5.6 inch top DIB									7.01 tons/MBF

<b>Contract Information</b>	
Contract ending date	10/1/2019
Operating Period:	See Contract

**Timber Sale Information Sheet**  
**Montana Department of Natural Resources and Conservation**

<b>Logging Information</b>	
% of volume logged by clearcut or seed tree cut	00%
% of volume logged with tractors	29%
% of volume logged by ground lead (jammer)	00%
% of volume logged by skyline	71%
Yarding distance tractor (average)	600 ft.
Yarding distance ground lead (average)	0 ft.
Yarding distance skyline (average)	900 ft.
Estimated haul distance (paved)	90.0 miles
Estimated haul distance (unpaved)	9.5 miles

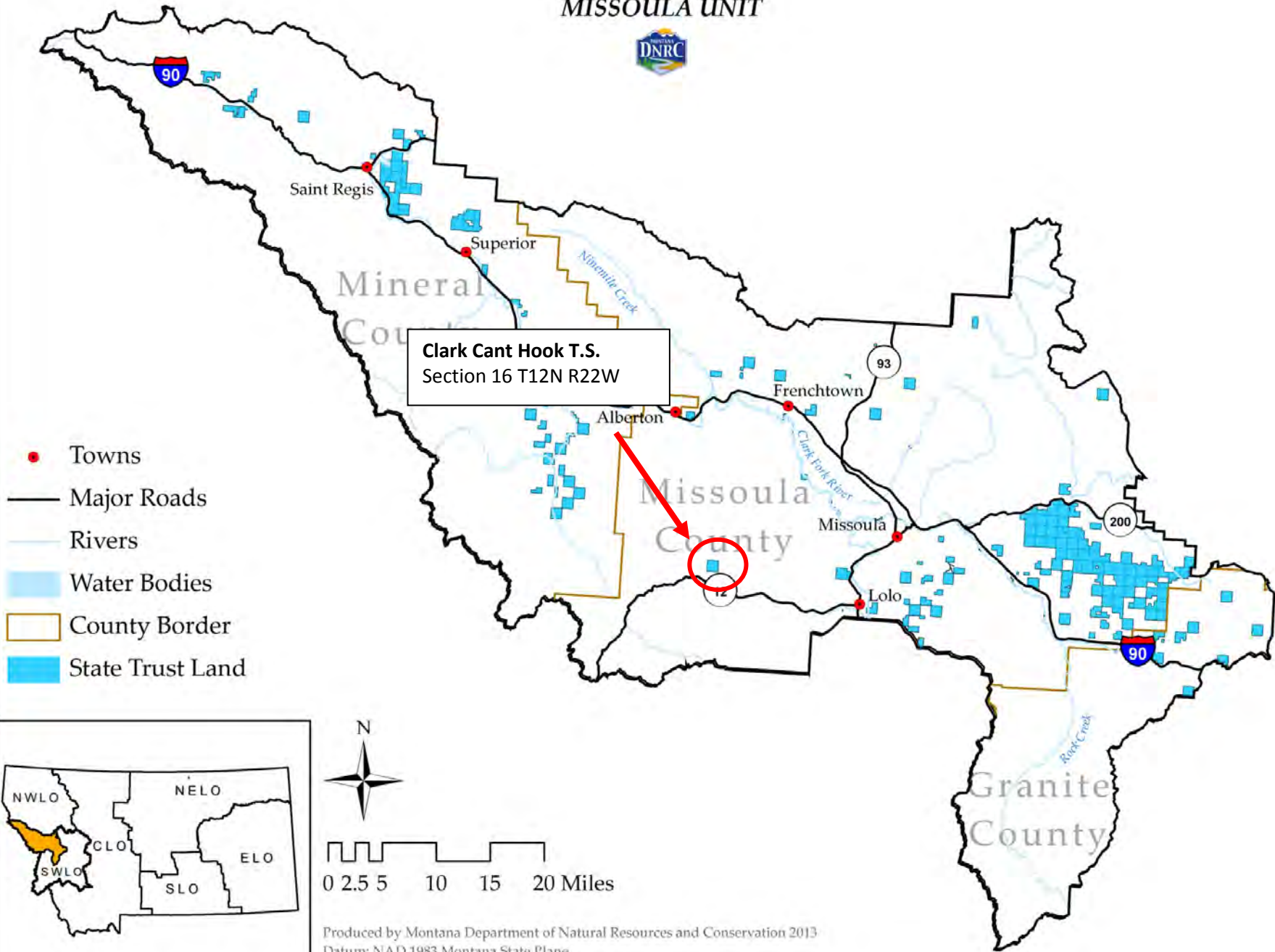
<b>Purchaser fees and estimated costs</b>	
Forest Improvement fee perMBF	\$20.60/MBF
Forest Improvement fee per ton	\$2.94/ton
Forest Improvement fee estimated total	\$38,949.12
Forest Improvement fee quarterly installment	\$6,491.52
Estimated Purchaser-do FI total \$	\$0
Estimated Purchaser-do FI per ton	\$0.00/ton
Estimated Purchaser-do slash disposal work total	\$0.00
Estimated Purchaser-do slash disposal work per ton	\$0.00/ton
<b>Bid Guarantee (total \$)</b>	<b>\$1,371.00</b>
<b>Performance Bond (total \$)</b>	<b>20% of bid value</b>

<b>Road development and maintenance fees and estimates</b>	
Estimated road development cost total	\$74,353
Estimated road development cost per ton	\$5.61/ton
Estimated road development cost perMBF	\$39.32/MBF
Estimated Purchaser-do road maintenance cost total	\$14,058
Estimated Purchaser-do road maintenance cost per ton	\$1.06/ton
Private road maintenance charges per ton	\$0.00/ton
USFS road maintenance charges per ton	\$0.00/ton
Miles of road construction	2.1 miles
Miles of road reconstruction	0.5 miles
Miles of road with site improvements	0.0 miles
Miles of road reclamation or abandonment	0.0 miles
Miles of road maintenance and blading	6.1 miles

<b>Unit harvest volume</b>				
Unit #	Acres	Est Tons	Est MBF	Harvest date
1	102	3,743	534	2017-2019
2	259	9,505	1,357	2017-2019
	361 Ac.	13,248 tons	1,891 MBF	

# Clark Cant Hook Timber Sale Vicinity Map

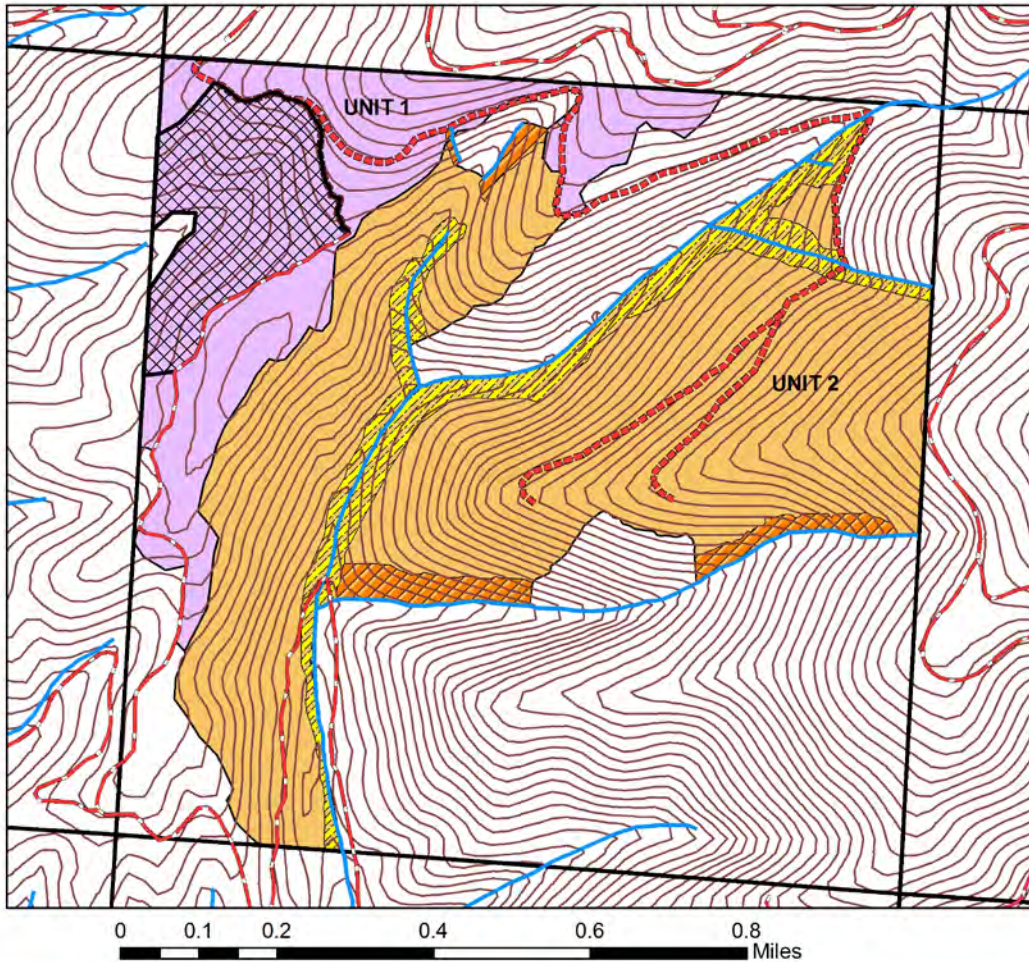
## MISSOULA UNIT



Produced by Montana Department of Natural Resources and Conservation 2013  
Datum: NAD 1983 Montana State Plane











**Clark Cant Hook  
Section 16 T12N R22W  
Missoula Unit**



Harvest Units: All leave trees are marked with a blue horizontal stripe around the bole of the tree. Trees marked with a blue "W" or "WL" are wildlife trees and also must be left. Protect the residual stand and regeneration during all aspects of the harvest operations. Long butt in the woods and use existing skid trails and landings whenever possible.

Unit 1: 102 acres (Note the 35 acre portion where a clipper can cut the wood but it must be skid using cable yarding)  
Unit 2: 259 acres

Harvest Boundaries: Blue 3 Stripe and Blue Flagging  
Section Lines: Red 3 Stripe and Red Flagging  
New Road: Pink Flagging and Pink Paint.  
Road Stations: Pink flagging and Red/White Candy Stripe

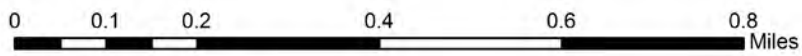
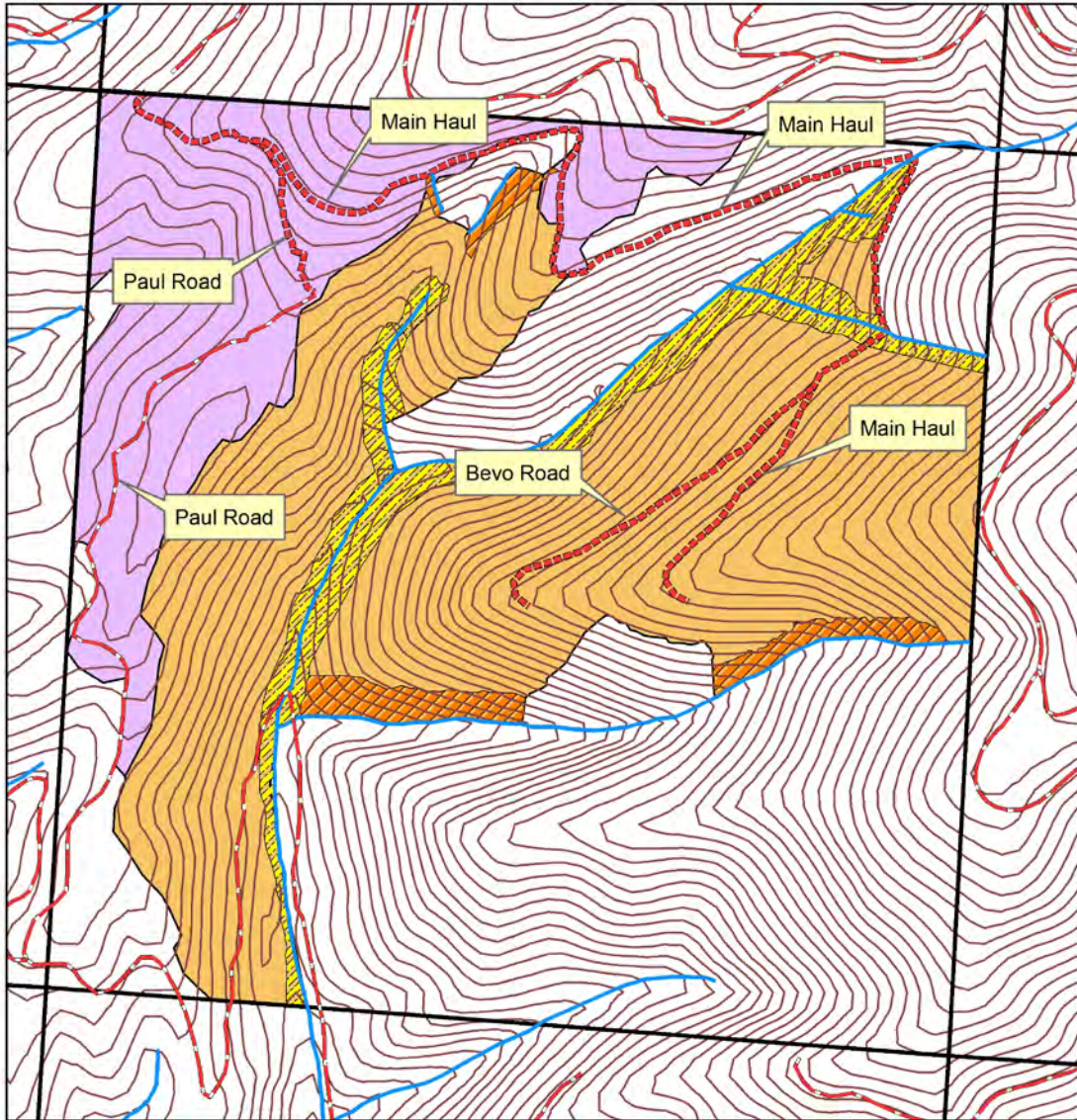
 ROADS	<b>SMZ</b>	<b>Clark Creek Units</b>
 Streams	<b>SMZ_TYPE</b>	<b>System</b>
 New Roads	 Class 1	 XLine
 Clipper & Line Skid	 Class 2	 Tractor



**AMH  
9/29/2016**



**Clark Cant Hook Road Names  
Section 16 T12N R22W  
Missoula Unit**



ROADS	<b>SMZ</b>	<b>Clark Creek Units</b>
Streams	<b>SMZ_TYPE</b>	<b>System</b>
New Roads	Class 1	XLine
	Class 2	Tractor



AMH  
11/28/2016