

CILLY CLIFF TIMBER SALE

NOTICE OF SALE

Department of Natural Resources & Conservation Timber Sale

The Cilly Cliff Timber Sale is located within Sections 1, 11, 12 & 13, T24N-R17W on the State's Swan Unit. Approximately 41,351 tons of mixed conifer sawlogs are offered for sale.

Sealed bids will be opened at the Department of Natural Resources & Conservation, 2705 Spurgin Road, Missoula, Montana on **September 23, 2015 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 **\$25,658.00**, 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 stumpage 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), the Northwestern Land Office in Kalispell (406-751-2257), or the Swan River State Forest Office in Swan Lake, MT (406-754-2301).

Visit our website at <http://dnrc.mt.gov/divisions/trust/forest-management/2015-timber-sale-information> for upcoming sales and bid results.

/s/ SONYA GERMANN, Chief
Forest Management Bureau
Trust Land Mgmt Division

Publication dates: August 20, 27, September 3, 10, 17

TIMBER SALE PROSPECTUS
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Timber Sale Name: Cilly Cliff			
Timber Sale Location: Sections 1,11,12,13; Township 24 North; Range 17 West			
For specific sale information, contact: Clay Stephenson			
Phone	406-754-2301	Swan Unit Office	
For copies of the Timber Sale Contract and bid forms, contact:			
Phone	406-542-4300	Forest Management Bureau	DNRC Missoula Office
Phone	406-751-2257	Bill Pursell	Northwest Land 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, 15% 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. GRAVEL PIT CRUSHING REQUIRED: The Purchaser shall crush 5,000 cubic yards of 1-1/2 inch gravel in the South Fork Lost Gravel Pit to be completed by July 1, 2016.
2. FORWARDING FROM THE YARDER (Excaline Yarding): Units 1215A, 1215B, 1308, and 1310 require a yarder capable of working from low standard skid trails and ridgelines.
3. PURCHASER SLASH PILING AND SCARIFICATION: Units 1211, 1213, and 1308 require slash piling and scarification in areas designated as ground-based yarding to be completed post-harvest (see Attachment A4).
4. FIRE BREAK/FIRELINE CONSTRUCTION: Units 1214A, 1214B, 1215A, 1215B, 1308, and 1310 require firebreak construction to be completed post-harvest (See Attachment A4). Approximately 4,400 feet may be constructed with mechanized equipment (slopes less than 45%) and approximately 41,600 feet may be handline (slopes greater than 45%). These are estimates only. Excavated skid trails and roads may be used as firebreaks/firelines if approved by the Forest Officer.
5. CEDAR PRODUCT UTILIZATION REQUIRED: Unit 1215A requires removal of cedar products.
6. Weed spraying is required as designated in Attachment B prior to and the spring following completion of all commercial activities. Weed spraying application must be completed by July 1st weather permitting. Spraying shall be done by a commercial applicator licensed by the State of Montana or by personnel under the direct supervision of the licensed applicator.
7. No winter logging is allowed due to avalanche danger. The operating period for all units is closed January 1 through April 1 each year, unless otherwise approved by the Forest Officer. South Fork Lost Creek Road crosses through or below several avalanche chutes that frequently slide each winter.
8. DIRECTIONS TO SALE AREA: On MT Highway 83 turn east at approximately mile marker 69.7 onto Lost Creek Road (Forest Service Road #680). Bear right at junction with North Lost Creek Road (mile marker 2.5) and continue east on South Lost Creek Road. The road is gated at approximately mile marker 8.7 and there is a 2442 master lock on the gate. Keys may be checked out at the Swan River State Forest Office Monday through Friday, 7:00 AM through 5:30 PM. Continue past gate approximately 1.8 miles and road enters the timber sale area at approximately mile marker 10.5.

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

CILLY CLIFF										
Timber Sale Cruise Data										
SPECIES	PP	DF	WL	LP	ES	WF	CE	WP	Dead	TOTAL or AVE
Minimum Bid										\$ 12.41
Pounds per cubic foot		61.7	58.3		57.0	55.0	44.0			
Estimated tons of sawlogs (5.6" top DIB)		4,388	878		17,467	10,643	7,975			41,351 tons
Estimated tons of other material (pulp, etc)							1,714			1,714 tons
Gross MBF (Scribner 5.6" top DIB)		1,048	241		4,823	2,453	3,160			11,725 MBF
% Cull and Breakage		23	22		24	25	43			30.8%
Net MBF (Scribner 5.6" top DIB)		779	184		3,565	1,789	1,792			8,109 MBF
Average logs per MBF		9.9	8.4		10.7	23.6	23.1			15.1 logs/M
Average DBH		24.9	24.2		19.6	13.1	17.1			18.1 in.
Average tons per acre harvested in leave-tree marked units	→									102 tons/ac
Average tons per acre harvested in cut-tree-marked units	→									0 tons/ac
Average MBF to cut per acre on the timber sale	→									16.9 MBF/ac
Range of cut trees per acre based on unit cruise	→									66-170
Calculated Sampling Error: Total cruised volume will fall between	7,772 and 8,852 Net MBF in 9 out of 10 cruises									6.5%
Tons Per Thousand Board Feet										
Contract Value - Estimated tons hauled per thousand Scribner board feet	41,351 estimated tons to a 5.6 inch top / 8,109 Net MBF Scribner to a 5.6 inch top DIB									5.10 tons/MBF

Contract Information	
Contract ending date	11/15/2018
Contract length	3 years
Operating Season:	Award date through December 31, 2015, April 1, 2016 through December 31, 2016, and April 1, 2017 through December 31, 2017.

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

Logging Information	
% of volume logged by clearcut or seed tree cut	100%
% of volume logged with tractors	20%
% of volume logged by ground lead (jammer)	00%
% of volume logged by skyline	80%
Yarding distance tractor (average)	600 ft.
Yarding distance ground lead (average)	0 ft.
Yarding distance skyline (average)	700 ft.
Estimated haul distance (paved)	50.0 miles
Estimated haul distance (unpaved)	13.0 miles

Purchaser fees and estimated costs	
Forest Improvement fee perMBF	\$25.13/MBF
Forest Improvement fee per ton	\$4.93/ton
Forest Improvement fee estimated total	\$203,860.43
Forest Improvement fee quarterly installment	\$33,976.74
Estimated Purchaser-do FI total \$	\$0
Estimated Purchaser-do FI per ton	\$0.00/ton
Estimated Purchaser-do slash disposal work total	\$143,180.00
Estimated Purchaser-do slash disposal work per ton	\$3.46/ton
Bid Guarantee (total \$)	\$25,658.00
Performance Bond (total \$)	15% of bid value

Road development and maintenance fees and estimates	
Estimated road development cost total	\$335,489
Estimated road development cost per ton	\$8.11/ton
Estimated road development cost perMBF	\$41.37/MBF
Estimated Purchaser-do road maintenance cost total	\$23,067
Estimated Purchaser-do road maintenance cost per ton	\$0.56/ton
Private road maintenance charges per ton	\$0.00/ton
USFS road maintenance charges per ton	\$0.00/ton
Miles of road construction	2.6 miles
Miles of road reconstruction	6.1 miles
Miles of road with site improvements	14.9 miles
Miles of road reclamation or abandonment	1.1 miles
Miles of road maintenance and blading	8.8 miles

Unit harvest volume				
Unit #	Acres	Est Tons	Est MBF	Harvest date
1213	70	7,126	1,352	December 31, 2017
1211	17	1,008	186	December 31, 2017
1310	46	3,972	755	December 31, 2017
1308	77	3,674	689	December 31, 2017
1215B	100	10,086	1,915	December 31, 2017
1215A	116	11,814	2,518	December 31, 2017
1214A	20	1,594	297	December 31, 2017
1214B	34	2,077	397	December 31, 2017
	480 Ac.	41,351 tons	8,109 MBF	

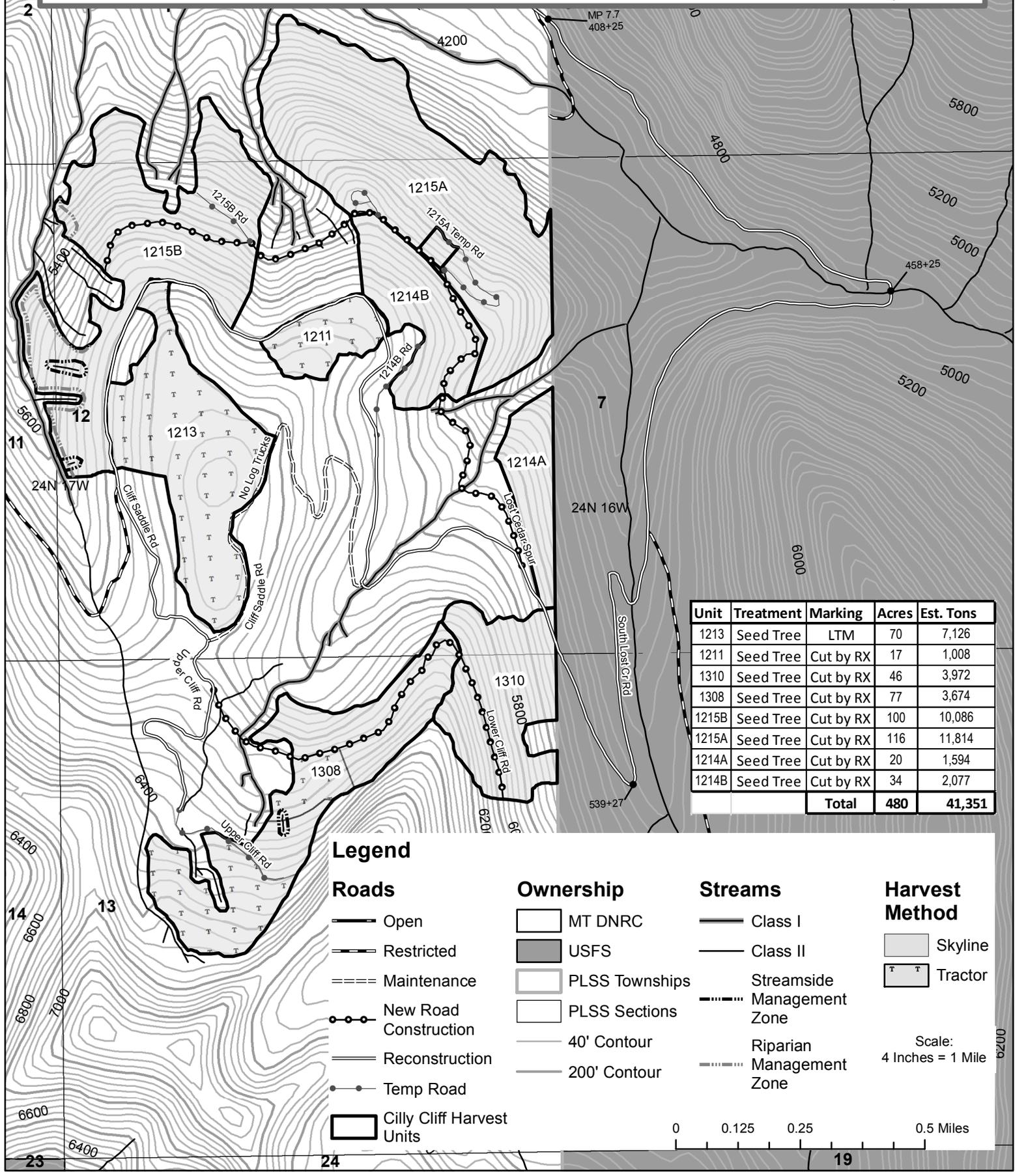
Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

Legal description by trust					Unit harvest volume			
Legal description - subdivisions	Section	Twn	Rge	Grant	Unit #	Acres	Est Tons	Est MBF
Pts. W 1/2	12	24N	17W	CS	1213	70	7,126	1,352
Pts. N 1/2	12	24N	17W	CS	1211	17	1,008	186
Pts. SE 1/4	12	24N	17W	CS	1310	10	834	159
Pts. NE 1/4	18	24N	17W	CS	1310	36	3,138	596
Pts. SE 1/4	12	24N	17W	CS	1308	2	110	21
Pts. N2 and SW 1/5	13	24N	17W	CS	1308	75	3,564	668
Pts. SW 1/4	1	24N	17W	CS	1215B	11	1,109	211
Pts. E 1/2	11	24N	17W	CS	1215B	9	908	172
Pts. W 1/2	12	24N	17W	CS	1215B	80	8,069	1,532
Pts. S 1/2	1	24N	17W	CS	1215A	49	4,962	1,058
Pts. N 1/2	12	24N	17W	CS	1215A	67	6,852	1,460
Pts E 1/2	12	24N	17W	CS	1214A	20	1,594	297
Pts E 1/2	12	24N	17W	CS	1214B	34	2,077	397
See Instructions for how to fill in this table								
Totals						480 Ac.	41,351 T	8,109 M



CILLY CLIFF SALE MAP

Sections 1, 11, 12 & 13 - T 24 N - R 17 W
Attachment A1



Unit	Treatment	Marking	Acres	Est. Tons
1213	Seed Tree	LTM	70	7,126
1211	Seed Tree	Cut by RX	17	1,008
1310	Seed Tree	Cut by RX	46	3,972
1308	Seed Tree	Cut by RX	77	3,674
1215B	Seed Tree	Cut by RX	100	10,086
1215A	Seed Tree	Cut by RX	116	11,814
1214A	Seed Tree	Cut by RX	20	1,594
1214B	Seed Tree	Cut by RX	34	2,077
Total			480	41,351

Legend

Roads

- Open
- Restricted
- Maintenance
- New Road Construction
- Reconstruction
- Temp Road
- Cilly Cliff Harvest Units

Ownership

- MT DNRC
- USFS
- PLSS Townships
- PLSS Sections
- 40' Contour
- 200' Contour

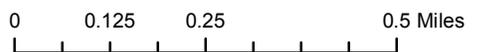
Streams

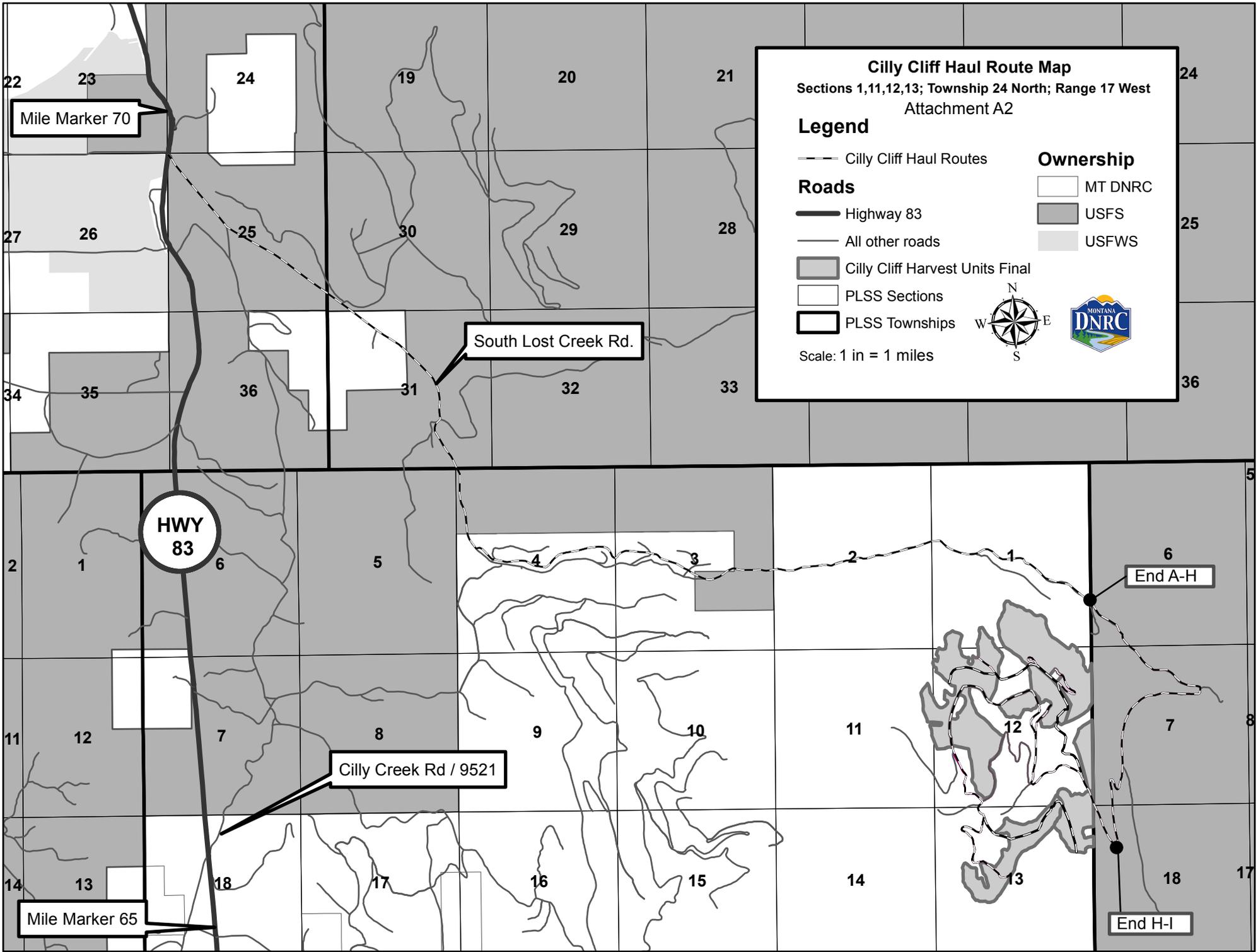
- Class I
- Class II
- Streamside Management Zone
- Riparian Management Zone

Harvest Method

- Skyline
- Tractor

Scale:
4 Inches = 1 Mile





Cilly Cliff Haul Route Map

Sections 1,11,12,13; Township 24 North; Range 17 West
Attachment A2

Legend

- Cilly Cliff Haul Routes
 - Highway 83
 - All other roads
 - Cilly Cliff Harvest Units Final
 - PLSS Sections
 - PLSS Townships
- Ownership**
- MT DNRC
 - USFS
 - USFWS

Scale: 1 in = 1 miles



**HWY
83**

South Lost Creek Rd.

Cilly Creek Rd / 9521

Mile Marker 65

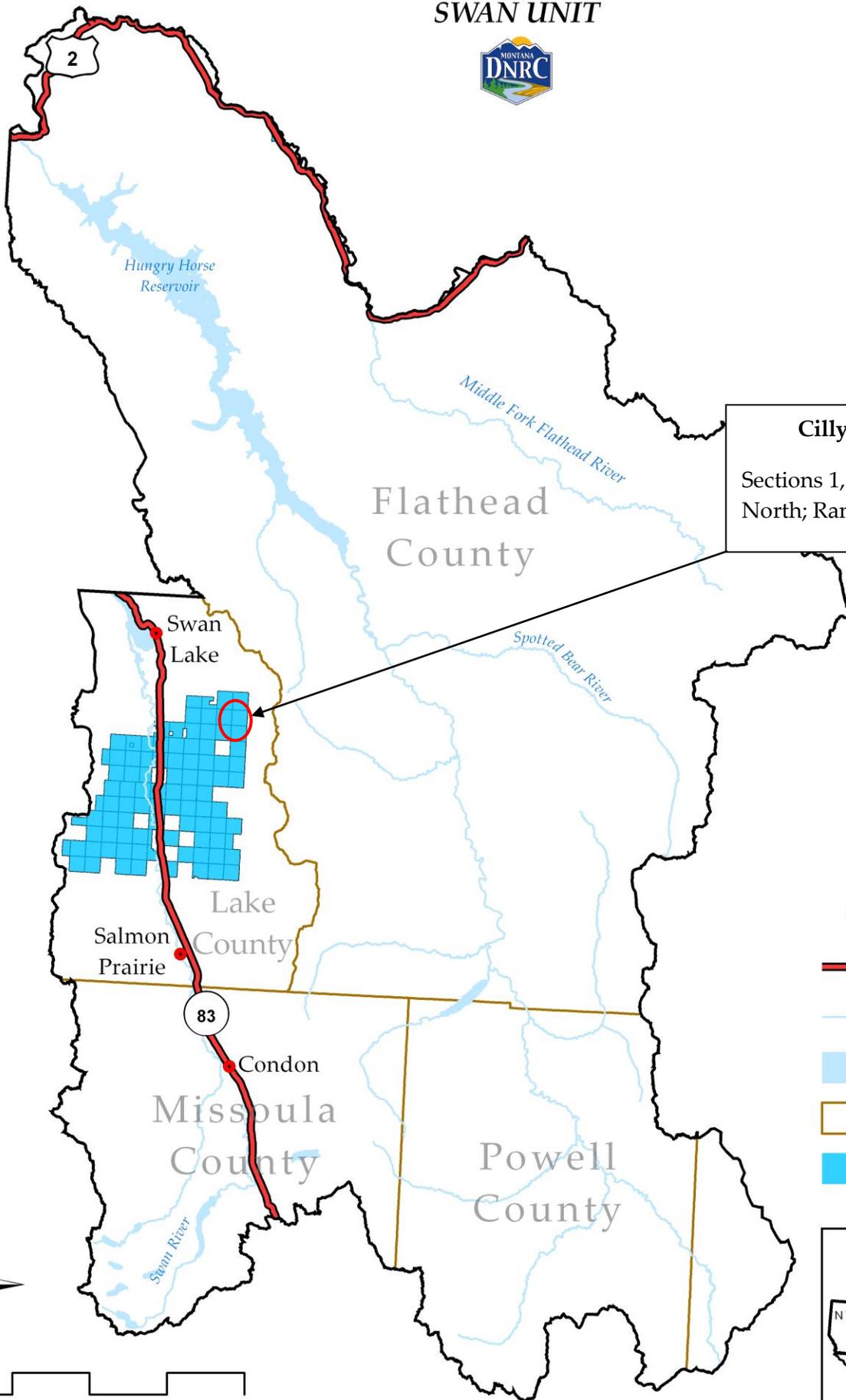
Mile Marker 70

End A-H

End H-I

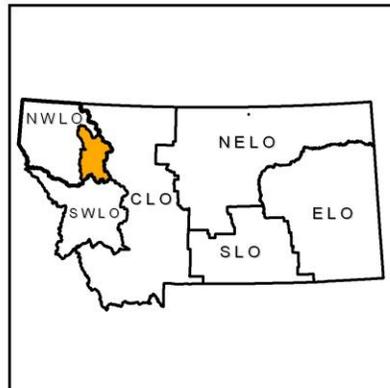
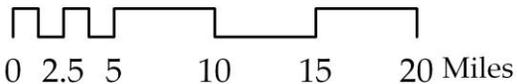
CILLY CLIFF VICINITY MAP: Attachment A3

SWAN UNIT



Cilly Cliff Timber Sale
Sections 1,11,12,13; Township 24 North; Range 17 West

- Towns
- Major Roads
- Rivers
- Water Bodies
- County Border
- State Trust Land

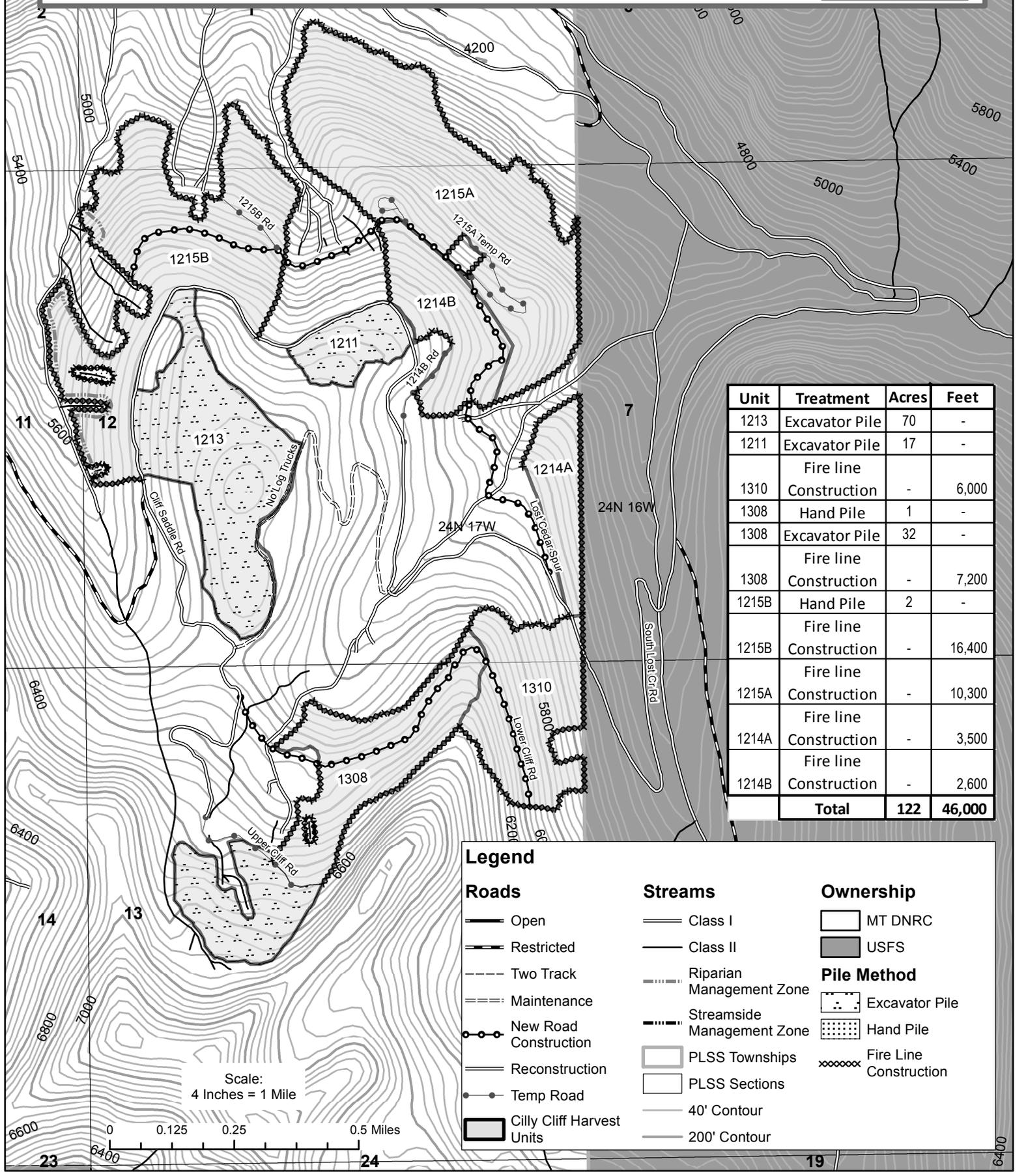




CILLY CLIFF FIRELINE AND PILE MAP

Sections 1, 11, 12 & 13 - T 24 N - R 17 W

Attachment A4



Unit	Treatment	Acres	Feet
1213	Excavator Pile	70	-
1211	Excavator Pile	17	-
1310	Fire line	-	6,000
1308	Hand Pile	1	-
1308	Excavator Pile	32	-
1308	Fire line	-	7,200
1215B	Hand Pile	2	-
1215B	Fire line	-	16,400
1215B	Construction	-	16,400
1215A	Fire line	-	10,300
1215A	Construction	-	10,300
1214A	Fire line	-	3,500
1214A	Construction	-	3,500
1214B	Fire line	-	2,600
1214B	Construction	-	2,600
Total		122	46,000

Legend

Roads

- Open
- Restricted
- Two Track
- Maintenance
- New Road Construction
- Reconstruction
- Temp Road
- Cilly Cliff Harvest Units

Streams

- Class I
- Class II
- Riparian Management Zone
- Streamside Management Zone
- PLSS Townships
- PLSS Sections
- 40' Contour
- 200' Contour

Ownership

- MT DNRC
- USFS

Pile Method

- Excavator Pile
- Hand Pile
- Fire Line Construction

Scale:
4 Inches = 1 Mile

