

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

Timber Sale Name: GNA Buckhorn			
For specific sale information, contact:			
Phone	406-542-5877	Nate Arno	Southwestern Land Office
For copies of the Timber Sale Contract and bid forms, contact:			
Phone	406-542-4300	Forestry Division	DNRC Missoula Office
Phone	406-542-4377	Southwestern	Land Office

General Bidding Information

1. Bids must be submitted on Department of Natural Resources & Conservation (State) bid forms.
2. Timber will be sold to the highest responsible bidder; however, the State reserves the right to reject any or all bids.
3. The State recommends that bidders contact the Forestry Assistance Bureau, Forestry Division (406-542-4300) prior to the bid opening to ensure that your bid has been received.
4. A **Bid Deposit** 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 State within 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 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 Timber 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 cover six weeks of harvesting and be based on the expected harvest rate and the bid value of the stumpage. The advance stumpage payment may be cash, irrevocable letter of credit, payment bond or certificate of deposit.
7. 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 otherwise 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.
8. The State has estimated the net scale merchantable sawlog volume to be sold 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 State 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 State strongly recommends that bidders evaluate these effects before bidding.
9. The State 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 State strongly recommends that bidders make their own estimates based on Contract requirements. Cost estimates provided are not guaranteed.
10. 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.
11. Estimates for sale volume, species percents, defect, product class, etc. provided in this prospectus and volume estimates listed in the Timber Sale Contract are not guaranteed.
12. 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. This timber sale is a State of Montana Timber Sale on Forest Service Land and is being performed under the Good Neighbor Authority. Potential Purchasers should be aware that this is a partnership, between the Montana DNRC and the US Forest Service, to increase the pace and Scale of forest restoration on National Forest System Lands. Considering this is one of the first Good Neighbor Timber Sales in Montana, Good Neighbor Authority is a high priority of both agencies, and it has a high degree of public interest, the purchaser should expect increased DNRC, Forest Service, and public attention on this timber sale. The DNRC and Forest Service may wish to have public or media tours of this timber sale and we will encourage active involvement by the timber sale purchaser and their contractors.
2. Under the Good Neighbor Authority all NEPA mitigations and Forest Plan requirements must be adhered to. Specific mitigations to do so are written into the contract. The DNRC encourages potential purchasers to familiarize themselves with these mitigations prior to bidding.
3. This timber sale is being bid in conjunction with a separate DNRC Trust Lands Timber Sale. **Purchasers will submit one bid sheet for two separate timber sales. The two sales have separate minimum bid rates and contracts. All contract requirements such as bonds are separate. Contract requirements differ, and purchasers should familiarize themselves with all aspects of both timber sale packages. The winning bid will be determined by adding together the total bid value of the DNRC Trust Lands Gird Creek Timber Sale and the GNA Buckhorn Timber Sale.**
4. See contract for specifications regarding the application of borax to pine stumps.
5. USFS will provide grass seed. Contractor is responsible for purchasing organic fertilizer. Contractor is responsible for applying grass seed and fertilizer as specified in contract.
6. See attachment F for tree marking information.
7. Purchaser may elect to remove non-sawlog material at the rate of \$1.00/ton.
8. Harvest units are accessed via Skalkaho Hwy and FS Rd. 714.
9. Units 1,2,6,8,10,15 are a combination of tractor/skyline/excaline/cable/shovel log/forwarder. See unit maps in Attachment A and contact Thayer Jacques, Hamilton Unit forester, with any questions.
10. Ground based skidding will be restricted to slopes of 35% or less, with short runs up to, but not exceeding 40% as directed by the forest officer. Feller-bunchers may operate on slopes up to 55% as directed by the forest officer.
11. DNRC and BNF will conduct botany and heritage surveys Spring 2020. These surveys may result in additional exclusion areas. Contact Thayer Jacques, Hamilton Unit forester, for more information.
12. Areas with very little to no merchantable volume exist within harvest units. Purchasers are encouraged to attend the pre-bid tour and/or ask questions to hear how these areas will be handled during timber sale operations.
13. There is a pre-bid tour scheduled for June 2nd at 9:00 am. Meet at the parking area located just off of Skalkaho Hwy on FS Rd. 714. **Please RSVP to Nate Arno (406) 542-5877 if you plan to attend the tour, if there are no RSVP's the tour will be cancelled.** Tour attendees must bring an ATV to access the entire timber sale area.

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

Buckhorn GNA											
Timber Sale Cruise Data (Scribner 5.6" top DIB, Filter: All All Cut)											
SPECIES	PP	DF	WL	LP	ES	GF	RC	AF	WP	Dead	TOTAL or AVE
Minimum Bid per ton											
Pounds per cubic foot	62.0	61.7		56.0	57.0			55.0		40.0	
Estimated tons of sawlogs	3320	24246		3418	789			140		2606	34,519 tons
Estimated tons of non-sawlog material	77	552		180	8			0		103	920 tons
Gross MBF	420	3610		519	154			32		719	5,453 MBF
% Cull and Breakage	2.0	13.0		7.0	10.0			15.0		26.4	13.0%
Net MBF	411	3159		481	138			27		529	4,744 MBF
Average logs per MBF	28.6	27.9		30.6	17.4			14.1		36.1	28.8 logs/MBF
Average DBH	11.0	11.5		9.3	13.4			19.0		10.0	11.0 in.
Average tons to cut per acre	→										31 tons/ac
Average MBF to cut per acre	→										4.2 MBF/ac
Total Average TPA Cut	→										82
Calculated Sampling Error: Total cruised volume will fall between	4,286 and 5,202 Net MBF in 9 out of 10 cruises										9.7%
Tons Per Thousand Board Feet											
Conversion Factor - Estimated tons hauled per thousand Scribner board feet	34,519 estimated tons / 4,744 Net MBF										7.28 tons/MBF

Contract Information	
Contract Termination Date:	10/31/2024
Operating Period:	

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

Logging Information	
% of volume logged by clearcut or seed tree cut	11%
% of volume logged with tractors	50%
% of volume logged by skyline	40%
% of volume logged by Excaline/Cable	10%
Yarding distance tractor (average)	500 ft.
Yarding distance skyline (average)	800 ft.
Yarding distance Excaline/Cable	300 ft.
Estimated haul distance (paved)	120.0 miles
Estimated haul distance (unpaved)	13.0 miles

Purchaser fees and estimated costs	
Forest Improvement fee perMBF	\$0.00/MBF
Forest Improvement fee per ton	\$0.00/ton
Forest Improvement fee estimated total	\$0.00
Forest Improvement fee quarterly installment	\$0.00
Estimated Purchaser-do FI total \$	\$0
Estimated Purchaser-do FI per ton	\$0.00/ton
Estimated Purchaser-do slash disposal work total	\$46,800.00
Estimated Purchaser-do slash disposal work per ton	\$1.36/ton

Road development and maintenance fees and estimates	
Estimated road development cost total	\$0
Estimated road development cost per ton	\$0.00/ton
Estimated road development cost perMBF	\$0.00/MBF
Estimated Purchaser-do road maintenance cost total	\$67,957
Estimated Purchaser-do road maintenance cost per ton	\$1.97/ton
Private road maintenance charges per ton	\$0.00/ton
USFS road maintenance charges per ton	\$1.97/ton
Miles of temporary road construction	1.2 miles
Miles of road reconstruction	0.0 miles
Miles of road with site improvements	0.0 miles
Miles of road reclamation or abandonment	1.2 miles
Miles of road maintenance and blading	23.0 miles

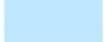
Unit harvest volume				
Unit #	Acres	Est Tons	Est MBF	Harvest Deadline
1	215.91	5271	724	
2	51.52	1755	241	
3	30.50	778	107	
4	31.61	1021	140	
5	75.29	3527	485	
6	102.59	1594	219	
7	8.53	317	44	
8	37.51	1105	152	
9	14.33	302	42	
10	273.96	6723	923	
11	37.92	2180	300	
12A	23.77	896	123	
12C	32.02	1580	217	
13A	9.80	397	55	
13B	3.88	203	28	
14	79.50	3138	431	
15	30.91	1096	151	
16	19.73	725	100	
17	37.90	1911	263	
Totals	1,117 Ac.	34,519	4,744	

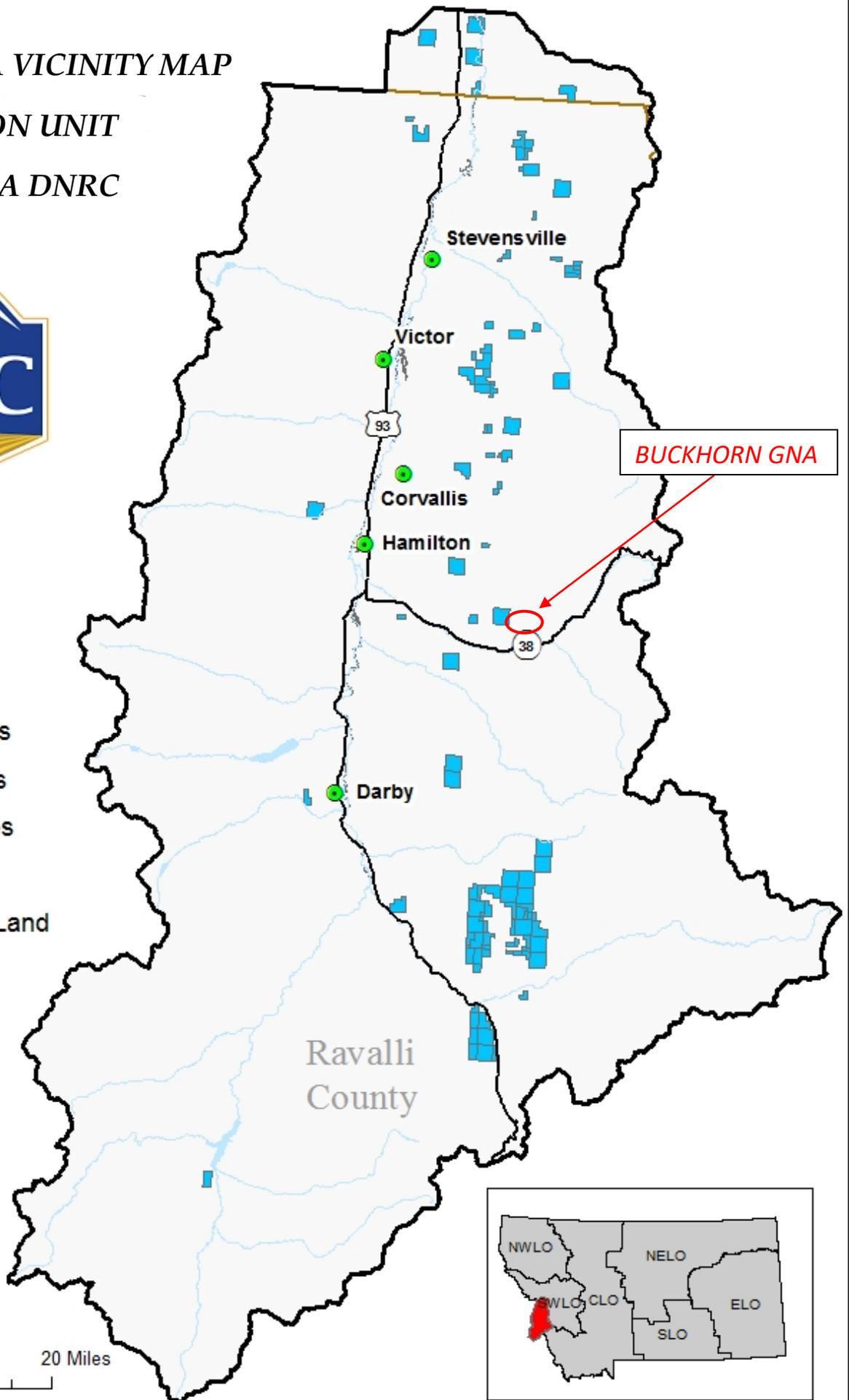
BUCKHORN GNA VICINITY MAP

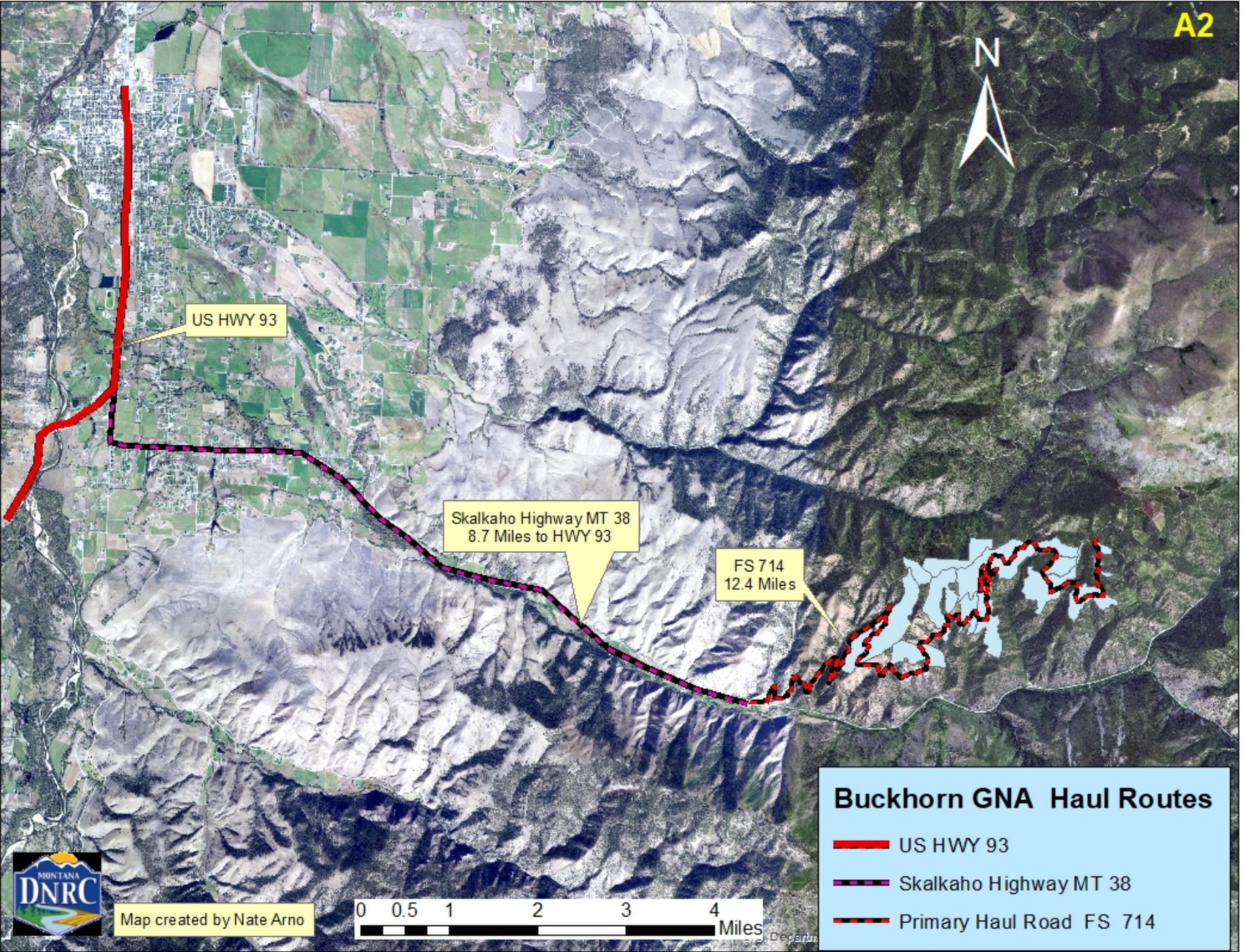
HAMILTON UNIT

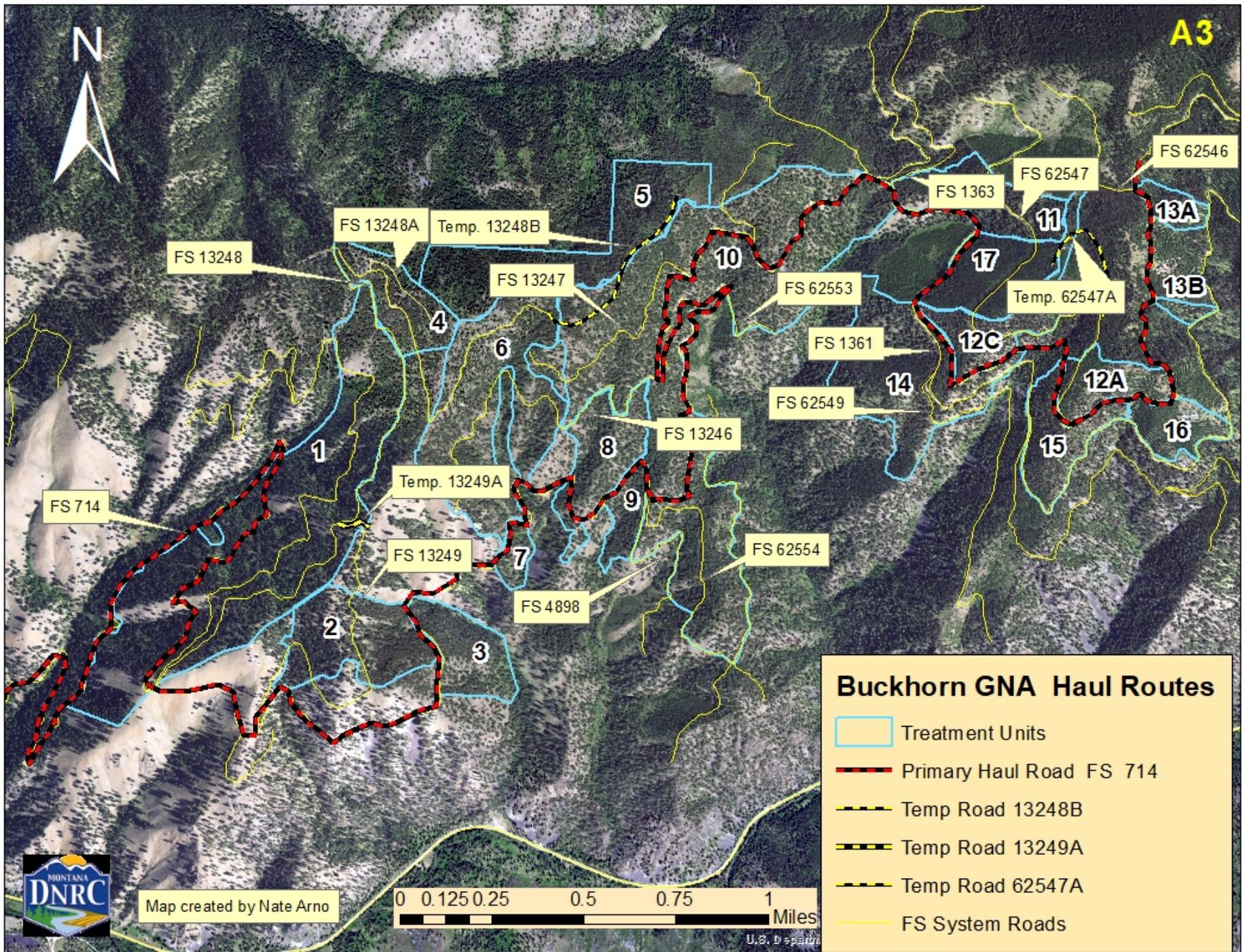
MONTANA DNRC



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



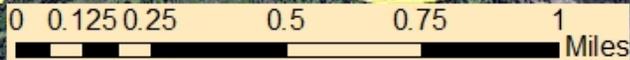




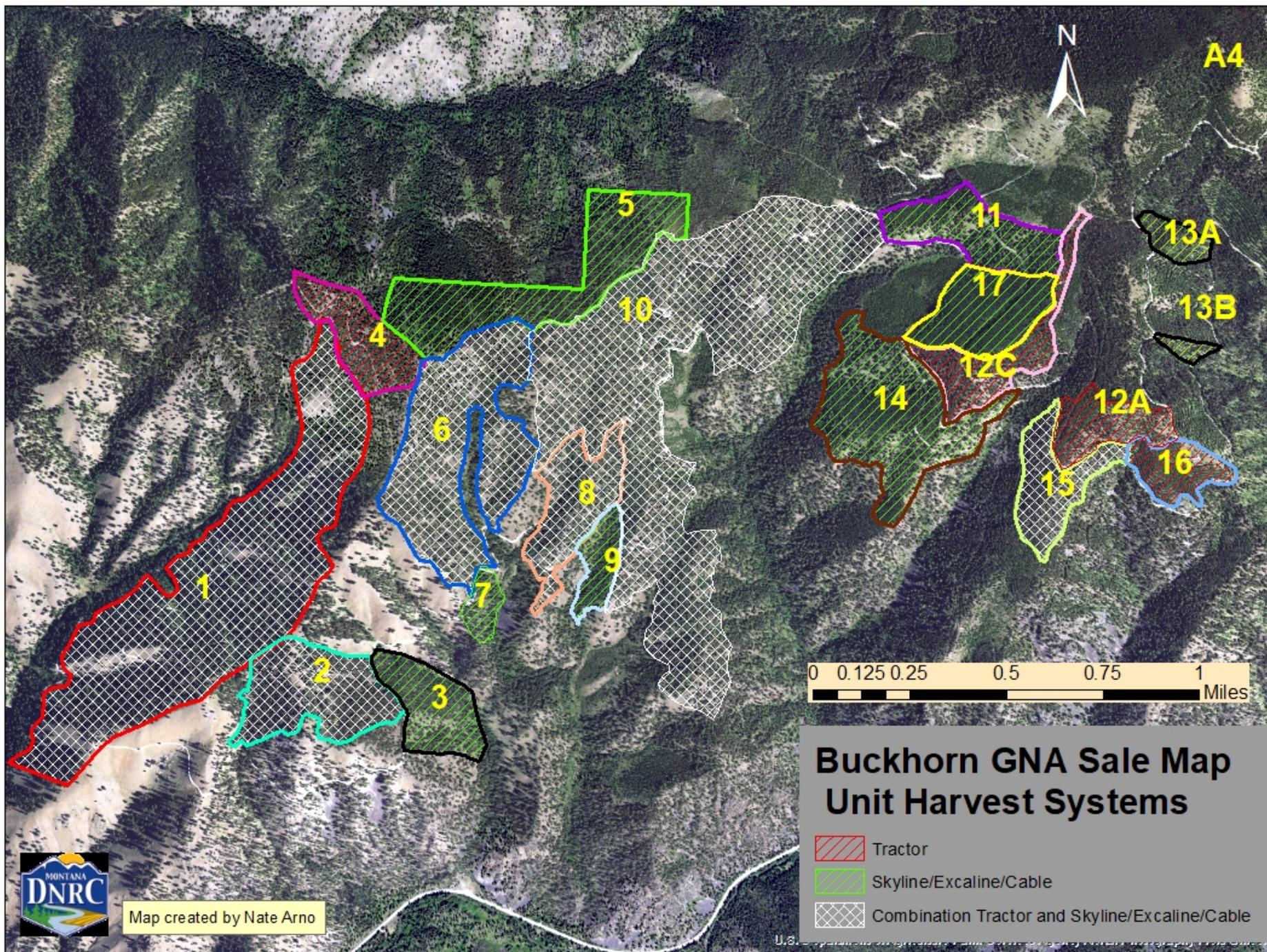
Buckhorn GNA Haul Routes

- Treatment Units
- Primary Haul Road FS 714
- Temp Road 13248B
- Temp Road 13249A
- Temp Road 62547A
- FS System Roads

Map created by Nate Arno

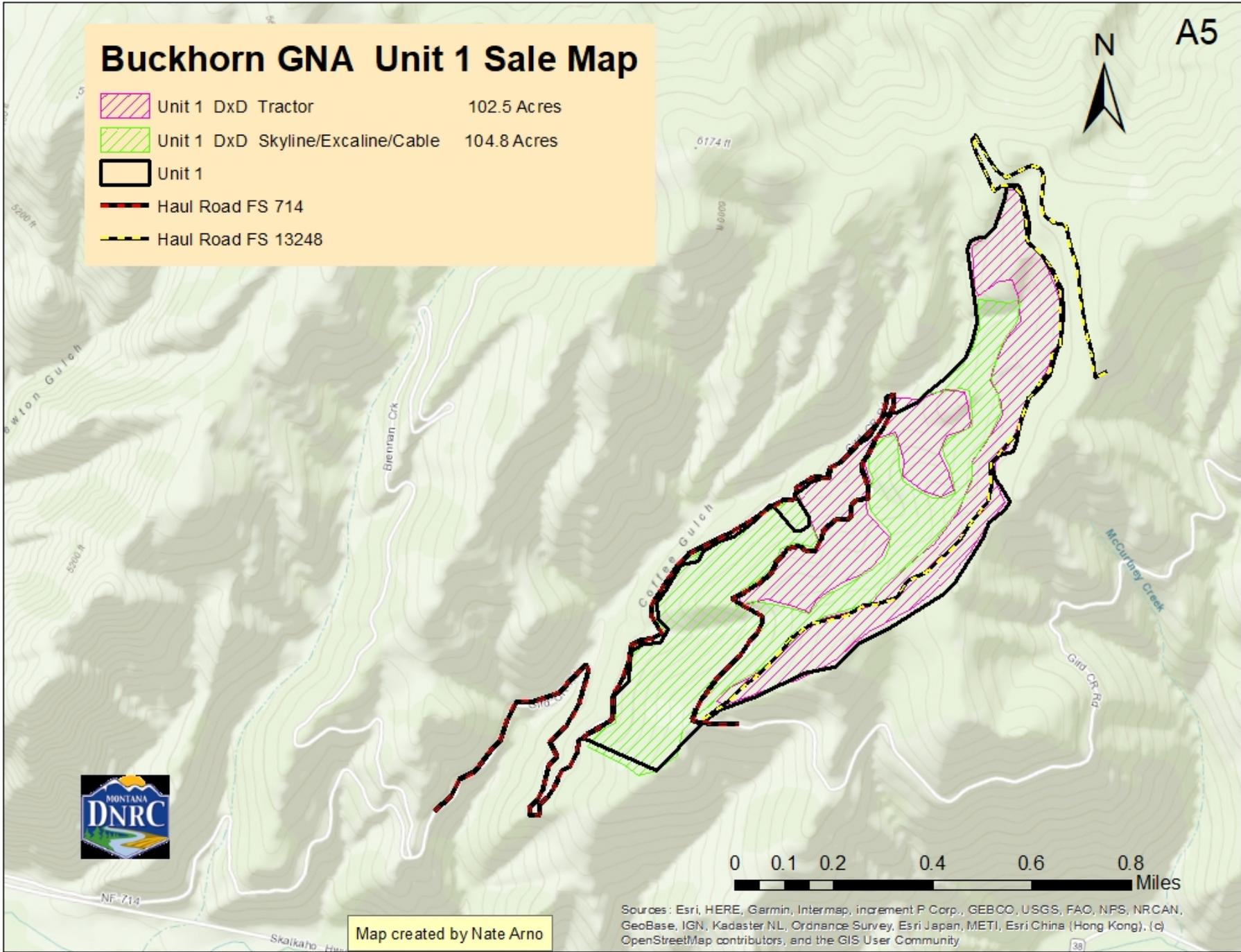


U.S. Department of the Interior



Buckhorn GNA Unit 1 Sale Map

-  Unit 1 DxD Tractor 102.5 Acres
-  Unit 1 DxD Skyline/Excaline/Cable 104.8 Acres
-  Unit 1
-  Haul Road FS 714
-  Haul Road FS 13248



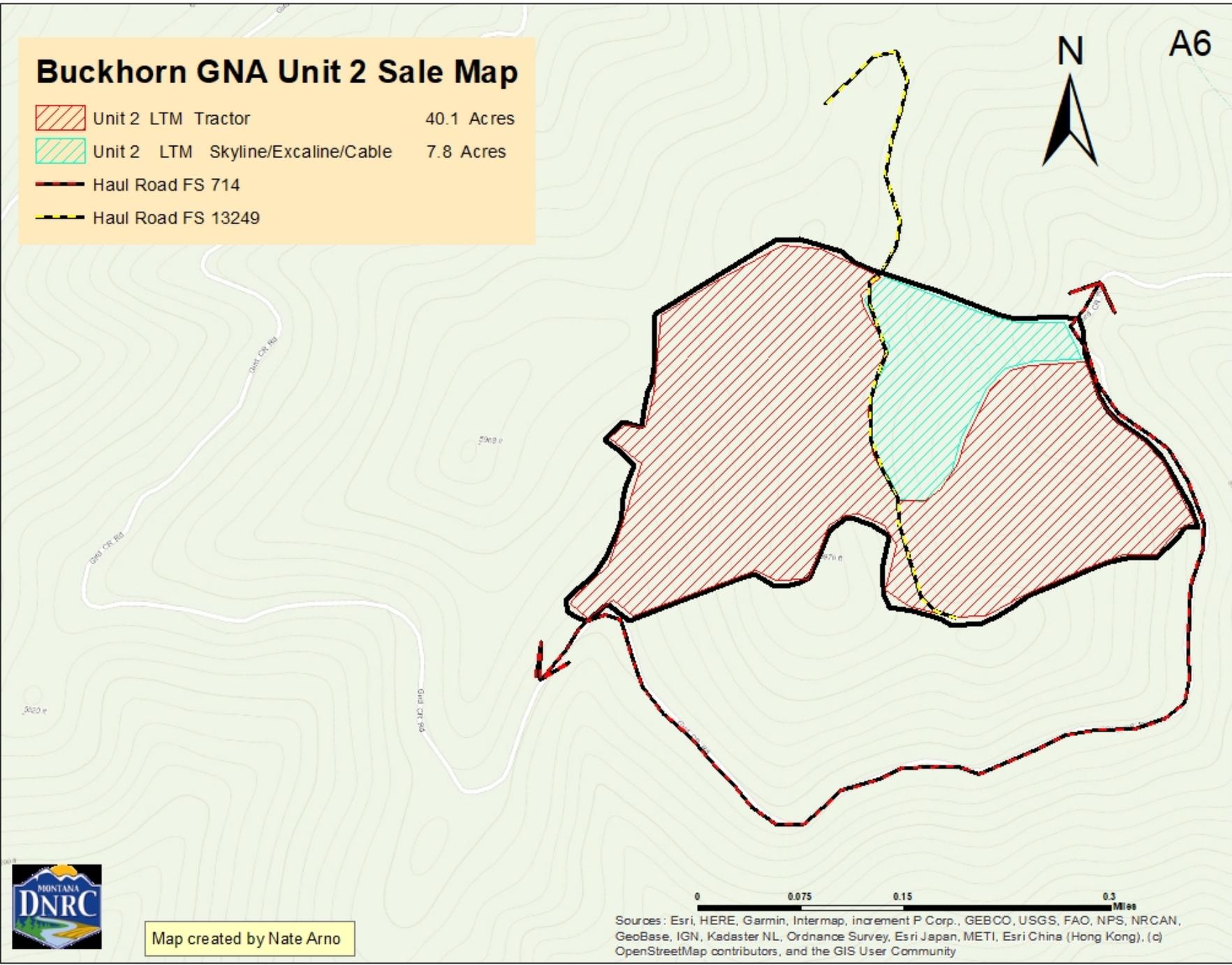
Map created by Nate Arno

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



Buckhorn GNA Unit 2 Sale Map

-  Unit 2 LTM Tractor 40.1 Acres
-  Unit 2 LTM Skyline/Excaline/Cable 7.8 Acres
-  Haul Road FS 714
-  Haul Road FS 13249



Map created by Nate Arno

0 0.075 0.15 0.3 Miles

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Buckhorn GNA Unit 6 Sale Map

	Unit 6 DxD Tractor	54.7 Acres
	Unit 6 DxD Skyline/Excaline	43.02 Acres
	Unit 6 RHCA Exclusion	7.3 Acres
	Haul Road FS 13248	
	Haul Road FS 13246	



A7

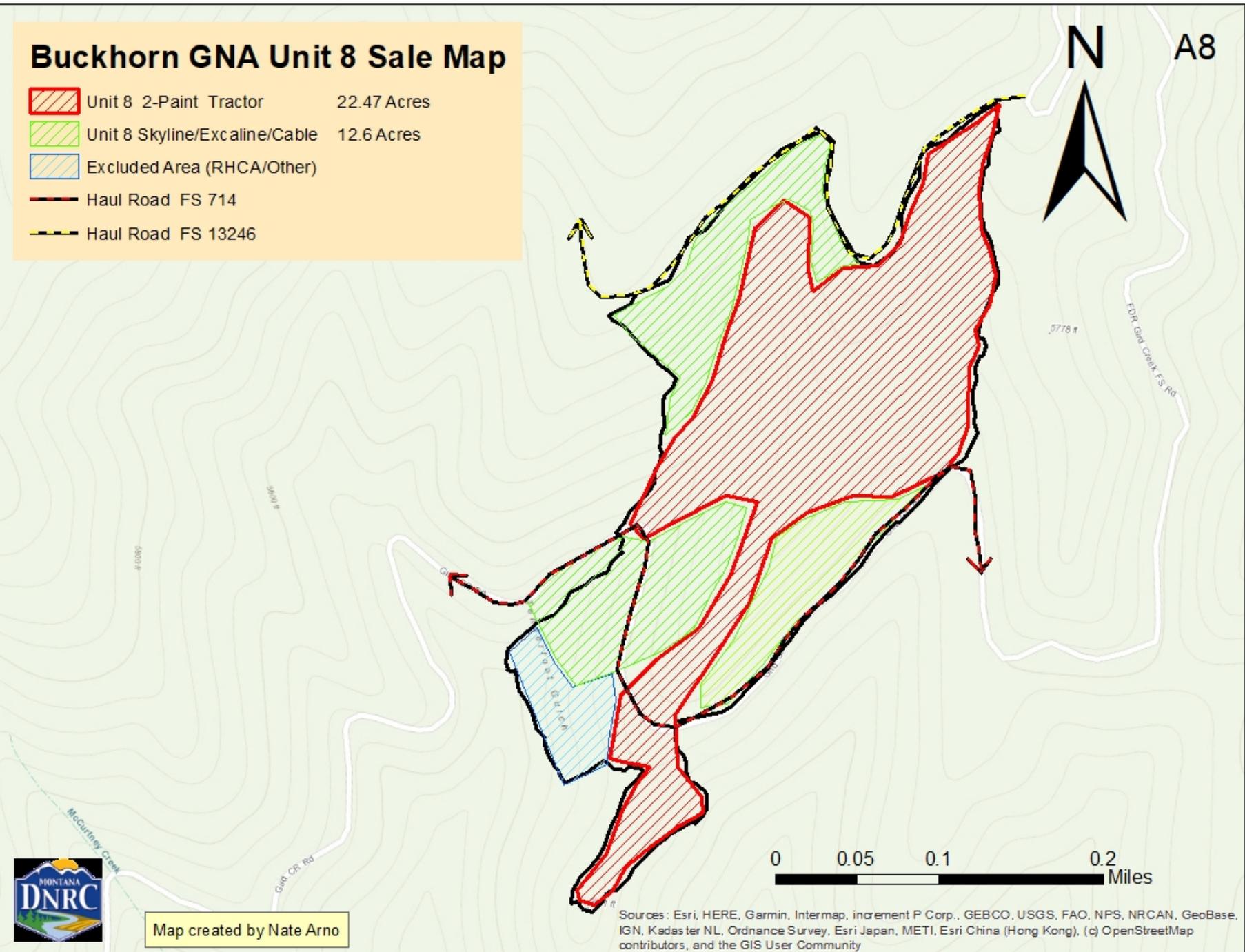


Map created by Nate Arno

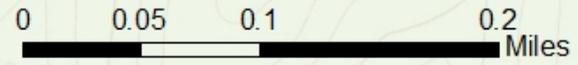
0 0.1 0.2 0.4 Miles
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Buckhorn GNA Unit 8 Sale Map

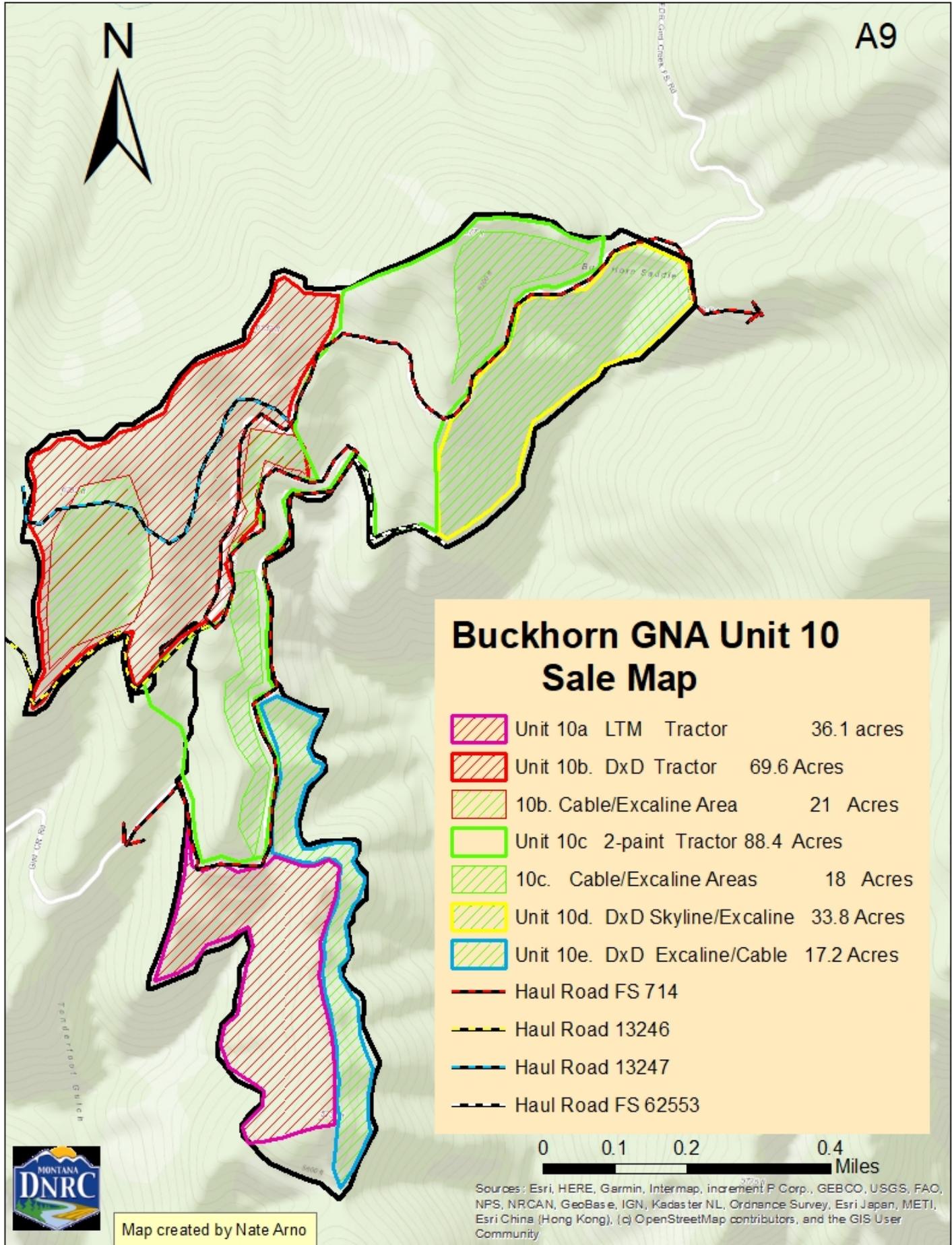
-  Unit 8 2-Point Tractor 22.47 Acres
-  Unit 8 Skyline/Excaltine/Cable 12.6 Acres
-  Excluded Area (RHCA/Other)
-  Haul Road FS 714
-  Haul Road FS 13246



Map created by Nate Arno



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



Buckhorn GNA Unit 10 Sale Map

-  Unit 10a LTM Tractor 36.1 acres
-  Unit 10b. DxD Tractor 69.6 Acres
-  10b. Cable/Excaline Area 21 Acres
-  Unit 10c 2-paint Tractor 88.4 Acres
-  10c. Cable/Excaline Areas 18 Acres
-  Unit 10d. DxD Skyline/Excaline 33.8 Acres
-  Unit 10e. DxD Excaline/Cable 17.2 Acres
-  Haul Road FS 714
-  Haul Road 13246
-  Haul Road 13247
-  Haul Road FS 62553



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



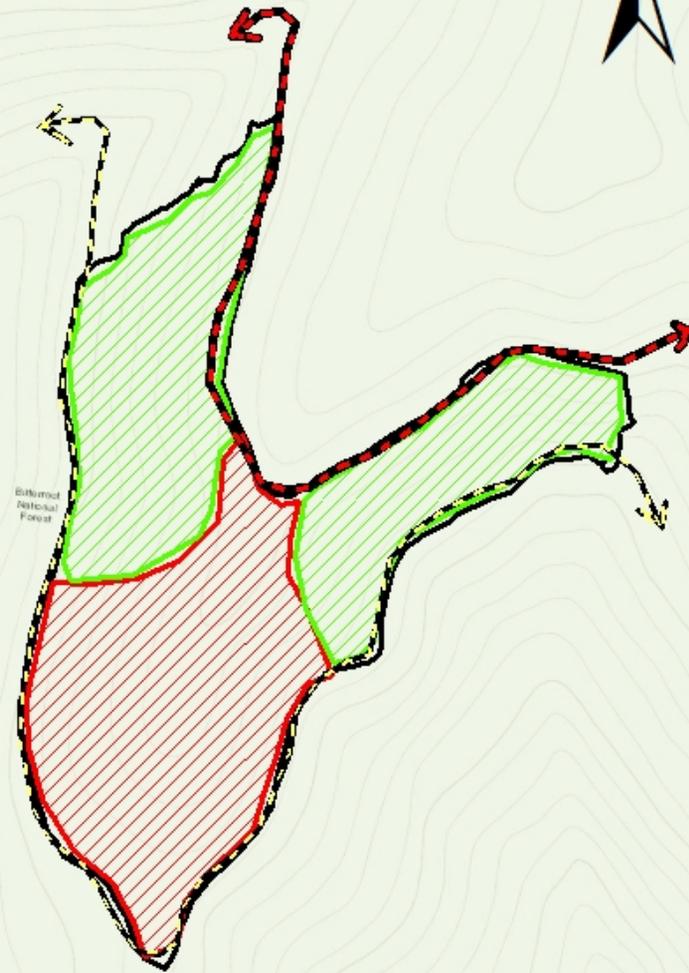
Map created by Nate Arno

Buckhorn GNA Unit 15 Sale Map

-  Unit 15 DxD Tractor 13.1 Acres
-  Unit 15 DxD Skyline/Excaline/Cable 14.2 Acres
-  Haul Road FS 714
-  Haul Road FS 62550



A10



0 0.05 0.1 0.2 Miles



Map created by Nate Arno

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community