

CHECKLIST ENVIRONMENTAL ASSESSMENT

Project Name:	2008 Land Banking Nomination
Proposed Implementation Date:	2008-2009
Proponent:	Fred & Gwen Wacker
Location:	T10N-R39E-Sec16 Sale #563
	T10N-R39E-Sec36 Sale #548
	T10N-R43E-Sec16 Sale #549
	T10N-R44E-Sec36 Sale #550
	T7N-R42E-Sec36 Sale #328
	T7N-R43E-Sec16 Sale #327
	T7N-R44E-Sec16 Sale #551
	T8N-R42E-Sec36 Sale #326
	T8N-R43E-Sec16 Sale #325
	T8N-R43E-Sec36 Sale #552
	T8N-R44E-Sec16 Sale #553
	T8N-R44E-Sec36 Sale #554
	T9N-R40E-Sec16 Sale #555
	T9N-R42E-Sec36 Sale #324
	T9N-R43E-Sec16 Sale #322
	T9N-R43E-Sec36 Sale #323
	T9N-R44E-Sec16 Sale #300
County:	Rosebud
Trust Beneficiary:	Common Schools

I. TYPE AND PURPOSE OF ACTION

Offer for Sale at Public Auction, 10,481.76 acres of state trust land currently held in trust for the benefit of Public Schools. Revenue from the sale would be deposited in a special account used to purchase replacement lands meeting acquisition criteria related to legal access, productivity, potential income and proximity to existing state ownership which would then be held in trust for the benefit of Public Schools. The proposed sale is part of a program called Land Banking authorized by the 2003 Legislature. The purpose of the program is for the Department of Natural Resources and Conservation to overall, diversify uses of land holdings of the various trusts, improve the sustained rate of return to the trusts, improve access to state trust land and consolidate ownership.

II. PROJECT DEVELOPMENT

1. PUBLIC INVOLVEMENT, AGENCIES, GROUPS OR INDIVIDUALS CONTACTED:

Provide a brief chronology of the scoping and ongoing involvement for this project.

- A letter was distributed in September 2004 to all state surface lessees informing them of the Land Banking Program and requesting nominations.
- Legal notices were published in the Forsyth Independent Press, Jordan Tradewind, Glendive Ranger Review and the Miles City Star from 8/1/2008 through 8/30/2008.
- Direct mailings were made to lessees, adjacent landowners, County Commissioners and other concerned parties.
- Follow-up contacts were made by phone and mail with parties requesting additional information.
- Comment was received and taken into consideration from Region 7 Montana Fish, Wildlife & Parks regarding productive antelope habitat.
- The tracts were also posted on the DNRC web page at:
<http://dnrc.mt.gov/TLMSPublic/LandBanking/LBTest.aspx>

2. OTHER GOVERNMENTAL AGENCIES WITH JURISDICTION, LIST OF PERMITS NEEDED:

None

3. ALTERNATIVES CONSIDERED:

Alternative A- No action; under this alternative the State would retain the existing land ownership pattern and would not sell the 10,841.76 acres of Trust Land contained in the above mentioned tracts.

Alternative B- Under this alternative, the Department would request and recommend approval by the Land Board to sell the proposed land locked tract. If approved by the board, the sale would be at public auction. The income from the sale would be pooled with other land sale receipts from across the state to fund the purchase of other state land, easements, or improvements for the beneficiaries of the respective trusts.

III. IMPACTS ON THE PHYSICAL ENVIRONMENT

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| <ul style="list-style-type: none">• <i>RESOURCES</i> potentially impacted are listed on the form, followed by common issues that would be considered.• Explain <i>POTENTIAL IMPACTS AND MITIGATIONS</i> following each resource heading.• Enter "NONE" if no impacts are identified or the resource is not present. |
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4. GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE:

Consider the presence of fragile, compactable or unstable soils. Identify unusual geologic features. Specify any special reclamation considerations. Identify any cumulative impacts to soils.

These tracts contain a variety of different soil types. Soils are moderately to highly erosive in nature, no evidence of fragile or compactable soils on the tract. The USDA-NRCS soil survey indicated Land Capability Classification as a mixture of 3E, 4E, 4S, 6E and 7E soils. ("If properly managed, soils in classes 1,2,3,4 are suitable for mechanized production of commonly grown field crops and for pasture and woodland. The degree of the soil limitations affecting the production of cultivated crops increases progressively from class 1 to class 5. The limitations can affect levels of production and the risk of permanent soil deterioration caused by erosion and other factors. Soils in classes 5, 6, 7 are generally not suitable for mechanized productions without special management. Capability subclasses indicate the dominant limitations for mechanized production in the class E, shows that the main hazard is the risk of erosion unless a close growing plant cover is maintained." From USDA-NRCS Soil Survey). Topography is gently rolling to hilly. This tract is surrounded by native rangeland, it is unlikely that this tract would be broke for agricultural production in the future as it has been historically used as grazing land and no cropland is within the immediate area. The proposal does not involve any ground disturbance, therefore no soil effect differences between the alternatives. It is expected that this land will be used for livestock grazing purposes in the future. The State owns, and would retain ownership of all mineral rights associated with these tracts. No evidence of any unusual geological features.

Alternative A-No impact expected

Alternative B-No impact expected

5. WATER QUALITY, QUANTITY AND DISTRIBUTION:

Identify important surface or groundwater resources. Consider the potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality. Identify cumulative effects to water resources.

There are fourteen recorded water rights associated with the proposed tract for sale. If sold water rights would transfer to the new land owner. Other water quality and/or quantity issue will not be impacted by the proposed action.

Legal	Water right no.	Purpose	Source	Priority Date
T10N-R43E-Sec16	42K 135880 00	Stock	Lone Tree Creek	7/15/1959
T10N-R44E-Sec36	42K 8223 00	Stock	Trib-Sunday Creek	9/15/1966
T7N-R43E-Sec16	42KJ 215853 00	Irrigation	N Fork Sand Creek	3/10/1929
T7N-R44E-Sec16	42KJ 8219 00	Stock	Trib- Wilson Creek	7/15/1959
T8N-R43E-Sec16	42KJ 8213 00	Stock	Fisherman Dan Coulee	7/15/1959
T8N-R43E-Sec36	42KJ 8215 00	Stock	Trib-Bull Creek	7/15/1959
T8N-R44E-Sec16	42K 8218 00	Stock	Trib-Coal Creek	5/15/1964
T8N-R44E-Sec36	42KJ 8225 00	Stock	Trib-Whitetail Creek	7/15/1959
T9N-R40E-Sec16	42KJ 47954 00	Stock	Trib-Stellar Creek	4/15/1950
T9N-R42E-Sec36	42KJ 177083 00	Irrigation	E Fork Horse Creek	8/31/1971
T9N-R42E-Sec36	42KJ 177210 00	Stock	E Fork Horse Creek	8/31/1950
T9N-R42E-Sec36	42KJ 8230 00	Stock	Box Canyon Coulee	7/15/1959
T9N-R43E-Sec16	42K 8220 00	Stock	Trib-Louie & Scottie Creek	7/15/1959
T9N-R44E-Sec16	42K 135881 00	Stock	South Sunday Creek	7/15/1959

6. AIR QUALITY:

What pollutants or particulate would be produced? Identify air quality regulations or zones (e.g. Class I air shed) the project would influence. Identify cumulative effects to air quality.

Pollutant and particulate levels are currently normal for the area; no increases in these levels are expected. The proposal does not include an on the ground activities, or changes to activities. Tract does not have any air quality regulations or zones.

Alternative A-No impact expected

Alternative B-No impact expected

7. VEGETATION COVER, QUANTITY AND QUALITY:

What changes would the action cause to vegetative communities? Consider rare plants or cover types that would be affected. Identify cumulative effects to vegetation.

T10N-R39E-Sec16 contains range sites consisting of clay and shale. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Prairie Sandreed (*Calamovilfa longifolia*), Saltbush, Inland Saltgrass (*Distichlis stricta*), Bottlebrush Squirreltail (*Elymus elymoides*), Green Needlegrass (*Stipa viridula*) and Sandberg Bluegrass (*Poa secunda*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T10N-R39E-Sec 36 contains range sites consisting of clay, claypan and shallow clay. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Prairie Sandreed (*Calamovilfa longifolia*), Inland Saltgrass (*Distichlis stricta*), Saltbush, and Bottlebrush Squirreltail (*Elymus elymoides*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T10N-R43E-Sec 16 contains range sites consisting of clayey/claypan complex and overflow. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Green Needlegrass (*Stipa viridula*), Prairie Cordgrass (*Apartina pectinata*), Alkali Sacaton (*Sporobolus airoides*), Inland Saltgrass (*Distichlis stricta*), Needle & Thread (*Stipa comata*), Threadleaf Sedge (*Carex filifolia*), Blue Grama (*Bouteloua gracilis*) and Prairie Junegrass (*Koeleria pyramidata*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T10N-R44E-Sec 36 contains range sites consisting of badlands, claypan and saline upland. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Saltbrush, Needle & Thread (*Stipa comata*), Blue Grama (*Bouteloua gracilis*), Sandberg Bluegrass (*Poa secunda*), Threadleaf Sedge (*Carex filifolia*), Indian Ricegrass (*Oryzopsis hymenoides*) and Bluebunch Wheatgrass (*Agropyron spicatum*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T7N-R42E-Sec 36 contains range sites consisting of clayey/claypan complex. Dominant plant species include Western Wheatgrass (*Agropyron Smithii*), Green Needlegrass (*Stipa viridula*), Needle & Thread (*Stipa comata*), Prairie Junegrass (*Koeleria pyramidata*) and Blue Grama (*Bouteloua gracilis*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T7N-R43E-Sec 16 contains range sites consisting of clayey/claypan complex. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Bluebunch Wheatgrass (*Agropyron spicatum*), Green Needlegrass (*Stipa viridula*), Prairie Sandreed (*Calamovilfa longifolia*), Needle & Thread (*Stipa comata*), Prairie Junegrass (*Koeleria pyramidata*) and Blue Grama (*Bouteloua gracilis*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T7N-R44E-Sec 16 contains range sites consisting of badlands, silty and shallow. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Green Needlegrass (*Stipa viridula*), Bluebunch Wheatgrass (*Agropyron spicatum*), Winterfat, Needle & Thread (*Stipa comata*), Prairie Junegrass (*Koeleria pyramidata*) and Blue Grama (*Bouteloua gracilis*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T8N-R42E-Sec 36 contains range sites consisting of thin silty/shallow complex. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Green Needlegrass (*Stipa viridula*), Bluebunch Wheatgrass (*Agropyron spicatum*), Needle & Thread (*Stipa comata*), Prairie Junegrass (*Koeleria pyramidata*) and Blue Grama (*Bouteloua gracilis*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T8N-R43E-Sec 16 contains range sites consisting of thin silty/shallow/claypan complex. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Green Needlegrass (*Stipa viridula*), Needle & Thread (*Stipa comata*), Prairie Junegrass (*Koeleria pyramidata*) and Blue Grama (*Bouteloua gracilis*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T8N-R43E-Sec 36 contains range sites consisting of clay/claypan/shallow complex. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Bluebunch Wheatgrass (*Agropyron spicatum*), Green Needlegrass (*Stipa comata*), Blue Grama (*Bouteloua gracilis*) and Prairie Junegrass (*Koeleria pyramidata*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T8N-R44E-Sec 16 contains range sites consisting of shallow, silty and claypan. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Green Needlegrass (*Stipa viridula*), Bluebunch Wheatgrass (*Agropyron spicatum*), Needle & Thread (*Stipa comata*), Prairie Junegrass (*Koeleria pyramidata*) and Blue Grama (*Bouteloua gracilis*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T8N-R44E-Sec 36 contains range sites consisting of clay/claypan/shallow clay complex and thin sandy/shallow complex. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Bluebunch Wheatgrass (*Agropyron spicatum*), Green Needlegrass (*Stipa viridula*), Needle & Thread (*Stipa comata*), Blue Grama (*Bouteloua gracilis*), Prairie Junegrass (*Koeleria pyramidata*) and Sandberg Bluegrass (*Poa secunda*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T9N-R40E-Sec 16 contains range sites consisting of silty, silty-steep and shallow clay. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Green Needlegrass (*Stipa viridula*), Bluebunch Wheatgrass (*Agropyron spicatum*), Needle & Thread (*Stipa comata*), Prairie Junegrass (*Koeleria pyramidata*), Blue Grama (*Bouteloua gracilis*), Sandberg Bluegrass (*Poa secunda*) and Saltbrush. Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T9N-R42E-Sec 36 contains range sites consisting of thin silty/silty/shallow complex. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Green Needlegrass (*Stipa viridula*), Prairie Sandreed (*Calamovilfa longifolia*), Bluebunch Wheatgrass (*Agropyron spicatum*), Needle & Thread (*Stipa comata*), Prairie Junegrass (*Koeleria pyramidata*) and Blue Grama (*Bouteloua gracilis*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T9N-R43E-Sec 16 contains range sites consisting of thin silty/shallow/claypan and shallow/shallow clay complex. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Green Needlegrass (*Stipa viridula*), Prairie Sandreed (*Calamovilfa longifolia*), Bluebunch Wheatgrass (*Agropyron spicatum*), Needle & Thread (*Stipa comata*), Sandberg Bluegrass (*Poa secunda*) and Blue Grama (*Bouteloua gracilis*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T9N-R43E-Sec 36 contains range sites consisting of claypan/shallow complex, silty and rock outcrop/shallow. Dominant plant species include Western Wheatgrass (*Agropyron smithii*), Green Needlegrass (*Stipa viridula*), Alkali Sacaton (*Sporobolus airoides*), Bluebunch Wheatgrass (*Agropyron spicatum*), Saltbrush, Needle & Thread (*Stipa comata*), Prairie Junegrass (*Koeleria pyramidata*) and Blue Grama (*Bouteloua gracilis*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

T9N-R44E-Sec16 contains range sites consisting of clay/claypan complex and overflow. Dominant species include Western Wheatgrass (*Agropyron smithii*), Green Needlegrass (*Stipa viridula*), Threadleaf Sedge (*Carex filifolia*), Prairie Cordgrass (*Spartina pectinata*), Blue Grama (*Bouteloua gracilis*), Prairie Junegrass (*Koeleria pyramidata*) and Inland Saltgrass (*Distichlis stricta*). Sub-dominate species include various forbs and woody species. No rare plants or cover types are noted in this section.

Vegetation may be affected by numerous land management activities including livestock grazing, development or wildlife management. It is unknown what land use activities may be associated with a change in ownership; however the vegetation on this tract is typical of land throughout the vicinity and there are no known rare, unique cover types or vegetation on the tract. It is expected that this tract will be used for grazing livestock in the future. The proposal does not include an on the ground activities or changes to activities and therefore we do not expect any direct or cumulative effects would occur to vegetation as a result of this proposal.

Alternative A-No impact expected

Alternative B-No impact expected

8. TERRESTRIAL, AVIAN AND AQUATIC LIFE AND HABITATS:

Consider substantial habitat values and use of the area by wildlife, birds or fish. Identify cumulative effects to fish and wildlife.

The parcel of state trust land is used by a variety of wildlife species typical of use on undeveloped lands throughout the county. Wildlife populations can be affected by land use activities associated with livestock grazing, residential development or agricultural practices. The area is not considered critical wildlife habitat. However, this tract provides habitat for a variety of big game species (mule deer, whitetail deer, pronghorn antelope), predators (coyote, fox, badger), upland game birds, other non-game mammals, raptors and various songbirds. Wildlife use on this section is not seasonal in nature. Comment was received from Region 7 Fish, Wildlife & Parks concerning T9N-R44E-Sec16 with regards that this tract is some of the most productive antelope habitat in the area. However, management is not expected to change through the sale of this tract; therefore area should remain a viable habitat for the antelope population.

Alternative A-No impact expected

Alternative B-No impact expected

9. UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES:

Consider any federally listed threatened or endangered species or habitat identified in the project area. Determine effects to wetlands. Consider Sensitive Species or Species of special concern. Identify cumulative effects to these species and their habitat.

A search of the Montana Natural Heritage Program database shows the habitat and nesting/foraging area for the sensitive species Greater Sage Grouse has been noted and is centralized in the area of these sections. Sage grouse leks, while present in the general area, are not present on these state trust lands proposed for sale in Rosebud County. The proposal does not include any activities which could alter any habitat, so no effects are expected in either alternative.

Alternative A-No impact expected

Alternative B-No impact expected

10. HISTORICAL AND ARCHAEOLOGICAL SITES:

Identify and determine effects to historical, archaeological or paleontological resources.

No historic and/or archaeological sites were noted in the past DNRC field evaluation forms. However, a class III level inventory and subsequent evaluation of cultural and paleontological resources will be carried out if preliminary approval of the parcel nomination by the Board of Commissioners is received. Based on the results of the Class III inventory/evaluation the DNRC will, in consultation with the Montana State Historic Preservation Officer, assess direct and cumulative impacts.

11. AESTHETICS:

Determine if the project is located on a prominent topographic feature, or may be visible from populated or scenic areas. What level of noise, light or visual change would be produced? Identify cumulative effects to aesthetics.

These tracts are located in a rural area of Rosebud County and are not highly visible from a county road. The state land does not provide any unique scenic qualities not also provided on adjacent private lands. The proposal does not include any on the ground activities; therefore there should be no change to the aesthetics in either alternative.

Alternative A-No impact expected

Alternative B-No impact expected

12. DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY:

Determine the amount of limited resources the project would require. Identify other activities nearby that the project would affect. Identify cumulative effects to environmental resources.

There are 5,155,545.98 acres of Trust land surface ownership in Montana. There are approximately 178,101 acres of Trust land in Rosebud County. There are 173,878.51 acres of trust land classified as grazing within Rosebud County. This proposal includes 10,481.76 acres; or approximately 5.9 percent of the state land within the county and 6 percent of classified grazing acres on state land within the county.

The potential transfer of ownership will not have any impact or demands on environmental resources of land, water, air or energy.

Alternative A-No impact expected

Alternative B-No impact expected

13. OTHER ENVIRONMENTAL DOCUMENTS PERTINENT TO THE AREA:

List other studies, plans or projects on this tract. Determine cumulative impacts likely to occur as a result of current private, state or federal actions in the analysis area, and from future proposed state actions in the analysis area that are under MEPA review (scoped) or permitting review by any state agency.

There are no other projects or plans being considered on the tracts listed on this Environmental Assessment.

There are 28 tracts in Rosebud County being proposed for sale under the Land Banking Program and are being evaluated under separate review.

IV. IMPACTS ON THE HUMAN POPULATION
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| <ul style="list-style-type: none">• <i>RESOURCES potentially impacted are listed on the form, followed by common issues that would be considered.</i>• <i>Explain POTENTIAL IMPACTS AND MITIGATIONS following each resource heading.</i>• <i>Enter "NONE" If no impacts are identified or the resource is not present.</i> |
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14. HUMAN HEALTH AND SAFETY:

Identify any health and safety risks posed by the project.

No impacts to human health and safety should occur as a result of the proposal.

Alternative A-No impact expected

Alternative B-No impact expected

15. INDUSTRIAL, COMMERCIAL AND AGRICULTURE ACTIVITIES AND PRODUCTION:

Identify how the project would add to or alter these activities.

There is very little potential in this area for industrial, commercial and agricultural development; therefore activities in these areas are expected to remain the same. No direct or cumulative impacts are anticipated as a result of the proposal.

Alternative A-No impact expected

Alternative B-No impact expected

16. QUANTITY AND DISTRIBUTION OF EMPLOYMENT:

Estimate the number of jobs the project would create, move or eliminate. Identify cumulative effects to the employment market.

The proposal should have no affect on quantity and distribution of employment.

Alternative A-No impact expected

Alternative B-No impact expected

17. LOCAL AND STATE TAX BASE AND TAX REVENUES:

Estimate tax revenue the project would create or eliminate. Identify cumulative effects to taxes and revenue.

Alternative A-No impact expected

Alternative B- The parcel would move from tax exempt status to taxable status, which will provide income to Rosebud County. The exact amount is unknown until assessor appraisal is completed.

18. DEMAND FOR GOVERNMENT SERVICES:

Estimate increases in traffic and changes to traffic patterns. What changes would be needed to fire protection, police, schools, etc.? Identify cumulative effects of this and other projects on government services

Being remote grazing land no traffic changes would be anticipated. The proposed action would also not create any added demand on public services such as water, electric or telephone services. Overall, no direct or cumulative impacts are anticipated as a result of the proposal.

Alternative A-No impact expected

Alternative B-No impact expected

19. LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS:

List State, County, City, USFS, BLM, Tribal, and other zoning or management plans, and identify how they would affect this project.

There are no zoning or other agency management plans affecting this land.

Alternative A-No impact expected

Alternative B-No impact expected

20. ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES:

Identify any wilderness or recreational areas nearby or access routes through this tract. Determine the effects of the project on recreational potential within the tract. Identify cumulative effects to recreational and wilderness activities.

These are isolated parcels with no type of legal access; in addition there are no recreational or wilderness areas nearby or accessed through these parcels.

Alternative A-No impact expected

Alternative B-No impact expected

21. DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING:

Estimate population changes and additional housing the project would require. Identify cumulative effects to population and housing.

This proposal does not include any changes to housing or developments.

Alternative A-No impact expected

Alternative B-No impact expected

22. SOCIAL STRUCTURES AND MORES:

Identify potential disruption of native or traditional lifestyles or communities.

There are no native, unique or traditional lifestyles or communities in the vicinity that would be impacted by the proposal.

Alternative A-No impact expected

Alternative B-No impact expected

23. CULTURAL UNIQUENESS AND DIVERSITY:

How would the action affect any unique quality of the area?

Eastern Montana has a rich history of farming & ranching. The State Trust Land in this proposal is currently managed for grazing. The State Land is generally indistinguishable from the adjacent private lands, with no unique quality.

The potential sale of this State Land would not directly or cumulatively impact cultural uniqueness or diversity. It is unknown what management activities would take place on the land if ownership was transferred.

Alternative A- No impact expected

Alternative B- The sale of the state land should not directly or cumulatively impact cultural uniqueness or diversity.

24. OTHER APPROPRIATE SOCIAL AND ECONOMIC CIRCUMSTANCES:

Estimate the return to the trust. Include appropriate economic analysis. Identify potential future uses for the analysis area other than existing management. Identify cumulative economic and social effects likely to occur as a result of the proposed action.

Legal	Acres	AUM's per acre	3 year average income	Average Gross income per acre	Average Net income per acre
T10N-R39E-S16	640	.05	\$207.04	\$.32	\$.07
T10N-R39E-S36	640	.028	\$116.46	\$.18	\$-.07
T10N-R43E-S16	640	.2	\$828.16	\$1.29	\$1.04
T10N-R44E-S36	640	.12	\$511.13	\$.80	\$.55
T7N-R42E-S36	240	.1875	\$327.00	\$1.36	\$1.11
T7N-R43E-S16	640	.206	\$959.20	\$1.50	\$1.25
T7N-R44E-S16	640	.163	\$672.88	\$1.05	\$.80
T8N-R42E-S36	640	.188	\$872.00	\$1.36	\$1.11
T8N-R43E-S16	640	.225	\$1046.40	\$1.64	\$1.39
T8N-R43E-S36	641.76	.216	\$1016.78	\$1.58	\$1.33
T8N-R44E-S16	640	.184	\$763.46	\$1.19	\$.94
T8N-R44E-S36	640	.192	\$893.80	\$1.40	\$1.15
T9N-R40E-S16	640	.159	\$659.94	\$1.03	\$.78
T9N-R42E-S36	640	.188	\$776.40	\$1.21	\$.96
T9N-R43E-S16	640	.2	\$828.16	\$1.29	\$1.04
T9N-R43E-S36	640	.192	\$795.81	\$1.24	\$.99
T9N-R44E-S16	640	.24	\$918.74	\$1.45	\$1.20

Based on the DNRC Annual Report for Fiscal Year 2004, the average income for the 4.3 million acres of grazing land was \$1.83/acre with an average productivity of .25 acres/ AUM. Therefore these tracts are considered below average in productivity and producing below average revenue per acre. There is no indication that these tracts, if remaining in state ownership, would be used for purposes other than grazing and it is likely the future income would remain relatively stable.

An appraisal of the property value has not been completed to date. Under DNRC rules, an appraisal would be conducted if preliminary approval to proceed is granted by the Board of Land Commissioners. The Department is conducting a more detailed evaluation at this time in order to make a determination on whether to offer this tract for sale. The revenue generated from the sale of this parcel would be combined with other revenue in the Land Banking account to purchase replacement property for the benefit of the trust. It is anticipated the replacement property would have legal access and be adjacent to other trust lands which would provide greater management opportunities and income. If replacement property was not purchased prior to expiration of the statute, the revenue would be deposited in the permanent trust for investment.

EA Checklist Prepared By:	Name: Tina Hirsch	Date: 9/29/08
	Title: Land Use Specialist	

V. FINDING

25. ALTERNATIVE SELECTED:

Alternative B, recommend the tract receive preliminary approval for sale and continue with the Land Banking process.

26. SIGNIFICANCE OF POTENTIAL IMPACTS:

Evaluation of the comments received and potential environmental affects have determined significant environmental affects would not result from the proposed land sale. The tract does not have any unique characteristics, critical habitat or environmental conditions indicating the tract should necessarily remain under management by the Department of Natural Resources and Conservation. There are no indications the tract would produce substantially greater revenue or have substantially great value to the trust in the near future.

It is likely the tract will continue to be managed in a manager consistent with the surrounding private land.

27. NEED FOR FURTHER ENVIRONMENTAL ANALYSIS:

☐ EIS ☐ More Detailed EA ☒ No Further Analysis

EA Checklist Approved By:	Name: Rick Strohmyer
	Title: Area Manager
Signature:	<i>Rick Strohmyer</i>
	Date: 10-2-08

LAND BANKING SCOPING LIST

NAME OR AGENCY	ADDRESS
<u>NEGOTIATED RULEMAKING COMMITTEE</u>	
Anne Hedges	Montana Environmental Information Center PO BOX 1184 HELENA MT 59624
Bill Orsello/Stan Frasier	MONTANA WILDLIFE FEDERATION PO BOX 1175 HELENA MT 59624
Bob Vogel	Montana School Boards Association One South Montana Ave. Helena, MT 59601
Daniel Berube	27 Cedar Lake Dr. Butte, MT 59701
Ellen Engstedt	MONTANA WOOD PRODUCTS PO BOX 1149 HELENA MT 59624
Harold Blattie	Montana Association of Counties 2715 Skyway Dr. Helena, MT 59601
Jack Atcheson, SR.	3210 OTTAWA BUTTE MT 59701
Janet Ellis	MONTANA AUDUBON PO BOX 595 HELENA MT 59624
Jeanne Holmgren	DNRC P.O. Box 201601 Helena, MT 59620-1601
Leslie Taylor	MSU Bozeman P.O. Box 172440 Bozeman, MT 59717-0001
Nancy Schlepp	MT FARM BUREAU FEDERATION 502 S 19 th , SUITE 4 BOZEMAN MT 59715

Ray Marxer	Matador Cattle Co. 9500 Blacktail Rd. Dillon, MT 59725
Rosi Keller	Univ. of Montana 32 Campus Dr. Missoula, MT 59812-0001
<u>TRUST BENEFICIARIES</u>	
Common Schools	Linda McCulloch, Superintendent Office of Public Instruction BOX 202501 Helena, MT 59620-2501
University of Montana	Rosi Keller Univ. of Montana 32 Campus Dr. Missoula, MT 59812-0001
MSU Morrill	Leslie Taylor Montana State University P.O. Box 172440 Bozeman, MT 59717-0001
MSU 2 nd Grant	Leslie Taylor Montana State University P.O. Box 172440 Bozeman, MT 59717-0001
School for Deaf & Blind	Steve Gettel, Superintendent School for Deaf & Blind 3911 Central Ave Great Falls MT 59405-1697
School of Mines	Frank Gilmore, Chancellor Montana Tech 1300 W Park Street Butte MT 59701
State Normal School	Richard Storey, Chancellor Western MT College University of Montana 710 South Atlantic Dillon MT 59725
State Normal School	Dr Ronald Sexton, Chancellor Montana State University – Billings 1500 N 30 th Street Billings MT 59101
Public Buildings	Budget Director Office of Budget & Program Planning PO Box 200802 Helena MT 59620-0802

Soldiers Home	Director DPHHS Veterans' Home Trust Beneficiary PO Box 4210 Helena MT 59620-4210
State Industrial School	Mike Ferriter, Director Department of Corrections PO Box 201301 Helena MT 59620-1301
<u>GOVERNMENTAL ENTITIES</u>	
FWP	Dept of Fish, Wildlife & Parks Attn: Hugh Zacheim PO Box 200701 Helena, MT 59620-0701 FWP Regional Supervisor & Regional Biologist – mailing addresses can be found at: http://fwp.mt.gov/default.html , by clicking the region where your parcel is located, on the Regional Information map.
DEQ	Dept. of Environmental Quality Attn: Tom Ellerhoff PO Box 200901 Helena, MT 59620-0901
MT DOT	Dept of Transportation Attn: Shane Mintz PO Box 201001 Helena, MT 59620-1001
County Commissioners	Mailing addresses for County Commissioners can be found at: http://maco.cog.mt.us/pages/COUNTIES.htm
Legislative members for the district where the property is located.	Mailing addresses for Representatives and Senators can be found at: http://nris.mt.gov/gis/legislat/2007
DNRC	
<u>OTHER INTERESTED PARTIES</u>	
All persons holding a License on the Parcel	TLMS
Any surface lessees	TLMS

All adjacent landowners of record	Mailing addresses for adjacent landowners can be derived from the <u>Montana Cadastral Mapping</u> site @ http://gis.mt.gov/
Other parties that have expressed interest of being notified of Land Banking sales	Addresses for these parties would be kept locally.
Craig Sharpe and Larry Copenhaver, Montana Wildlife Federation	lcopenhaver@mtwf.org csharpe@mtwf.org

2008 Land Banking Scoping List
Adjacent Landowners

KEVIN BREWER

Brooks Co.
P.O. Box 112
Cohagen, MT 59322

Jack & Pearl Lund
Box 106
Cohagen, MT 59322
(406) 557-2292

COFFEE CATTLE CO

Louise Sims
P.O. Box 486
Forsyth, MT 59327
(406) 346-2434

SUN COULEE LLC

Double H Ranch
P.O. Box 54
Ingomar, MT 59039

Norwest Bank
1449 N Heights Ave
Sheridan, WY 82801

Bernard & Scott Hein
P.O. Box 81
Forsyth, MT 59327
(406) 346-2066

Keefer Land & Livestock
147 Rosebud Creek Rd
Forsyth, MT 59327
(406) 347-5529

Joe Clappis
214 Powell Ave
Pleasant Hill, CA 94523

Clyde Roe
1501 W Willow St
Stockton, CA 95203

Kevin & Joann Brewer
2158 Old Hwy 10
Forsyth, MT 59327
(406) 356-2468

FRED WACKER

Steadman's Ranch
HC 33 Box 5300
Miles City, MT 59301
(406) 232-0211

Arthur Polich
HC 83 Box 22
Rosebud, MT 59347

Deloris Kraus
HC 83 Box 33
Rosebud, MT 59347
(406) 347-5452
(406) 347-5427

Richard & Daniel Biery
1545 Cartersville Rd
Rosebud, MT 59347
(406) 347-5589
(406) 347-5272

JD & Ruth Melcher
12308 Arrow Park Dr.
Ft. Washington, MD 20744

First Montana VAD Inc.
Antelope NV
Sheffield Ranch Corp.

Cecil Bell & David Potts
P.O. Box 5022
Forsyth, MT 59327

Antelope NV

MONTGOMERY RANCH CO

ERROL GALT

Jason H. Stensvad
P.O. Box 286
Melstone, MT 59054
(406) 358-2238

Patrick & Francis Thorpe
2014 7th St
Monroe, WI 53566

Robert Thomas
P.O. Box 4
Sumatra, MT 59083
(406) 358-2214

C&M CATTLE CO

Violet Kincheloe
P.O. Box 218
Melstone, MT 59054
(406) 358-2286

RANDAL BRUSETT

R Livestock
HC 60 Box 3
Brusett, MT 59318

Ruby Schmidt
14 Joyce Drive
Missoula, MT 59301

James Baker
P.O. Box 367
Jordan, MT 59337
(406) 557-2416

+NOTICE NOTICE NOTICE NOTICE

The Department of Natural Resources and Conservation is hereby requesting comment from interested parties, in compliance with the Montana Environmental Policy Act, regarding management actions, including possible sale of Trust Lands:

Garfield County: 2,566 acres of State Trust Land proposed for sale,

Rosebud County: 17,842 acres of State Trust Land proposed for sale.

These Trust Land parcels are located within the DNRC – Eastern Land Office administrative area. Further details regarding the DNRC Land Banking Program may be found at: http://dnrc.mt.gov/trust/land_banking/about.asp

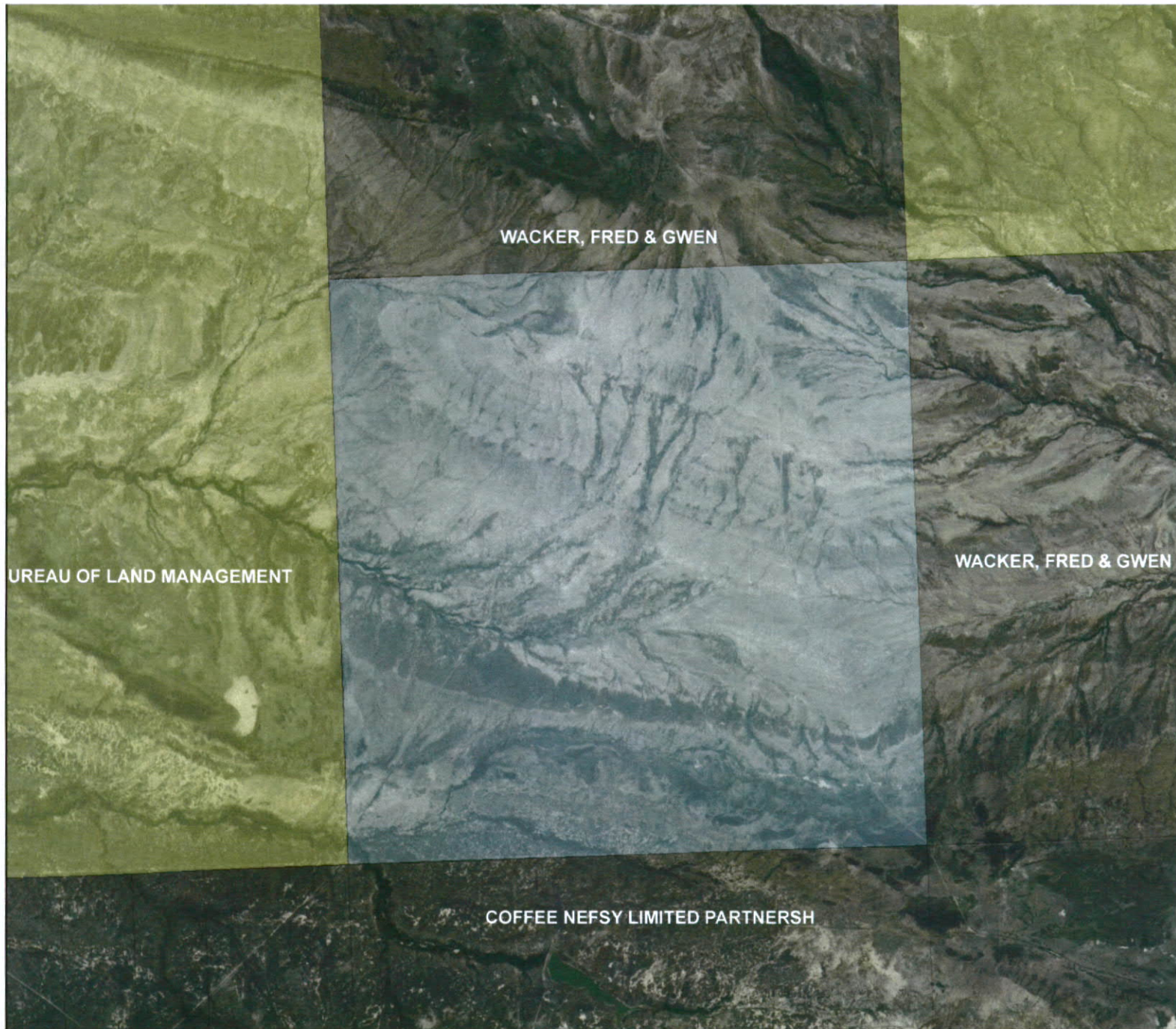
Legal descriptions of the parcels being considered for sale are available at:
http://dnrc.mt.gov/About_Us/notices.asp

Comments may be sent to, and further information may be obtained by contacting the:

Department of Natural Resources and Conservation
Eastern Land Office
321 Main Street
P.O. Box 1794
Miles City, MT. 59301
406-232-2034
rstrohmyer@mt.gov

Comments will be accepted until ***August 30, 2008.***

Lease # 747



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29cad

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OWNCLASS

☐ Local Government

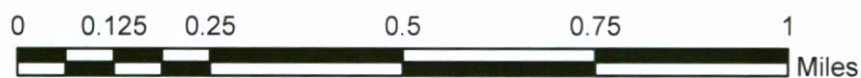
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☐ Tribal

☐ USDI Bureau of Land Management

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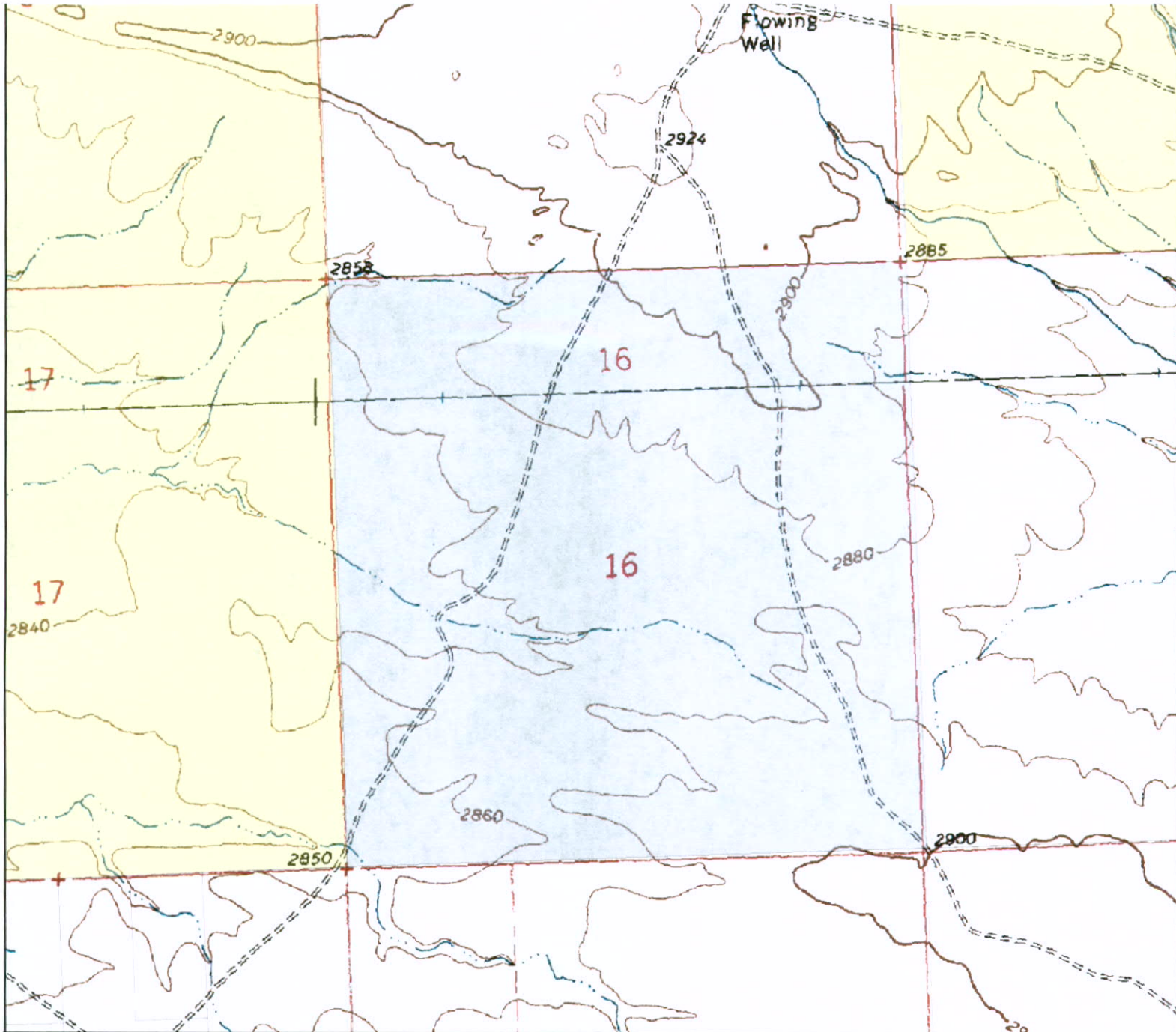


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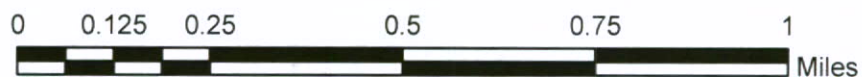
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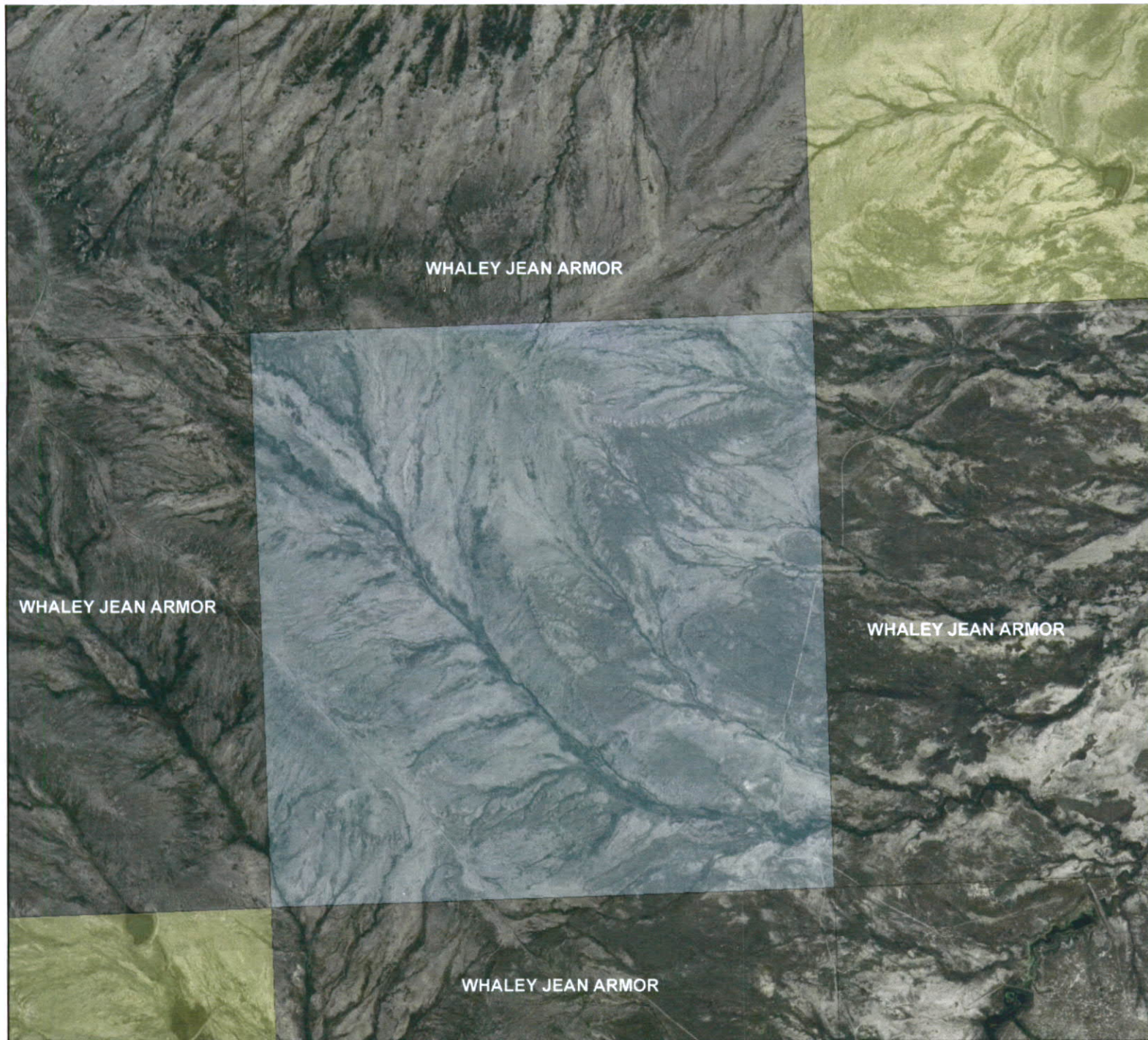


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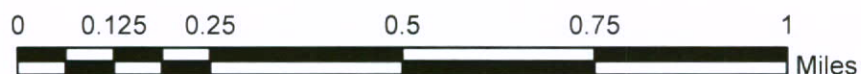
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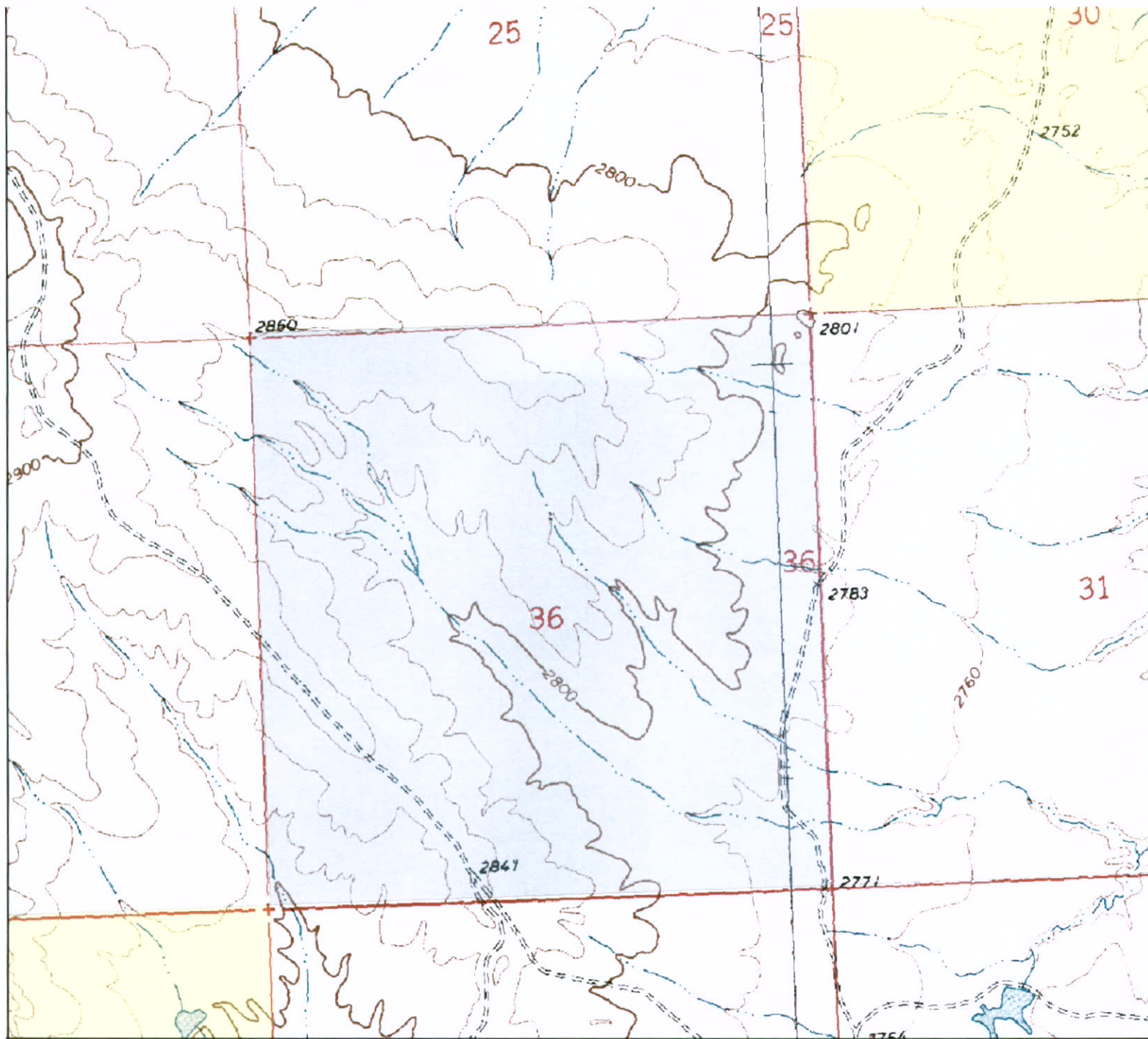


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
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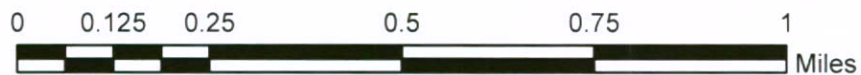
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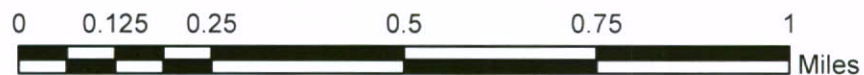
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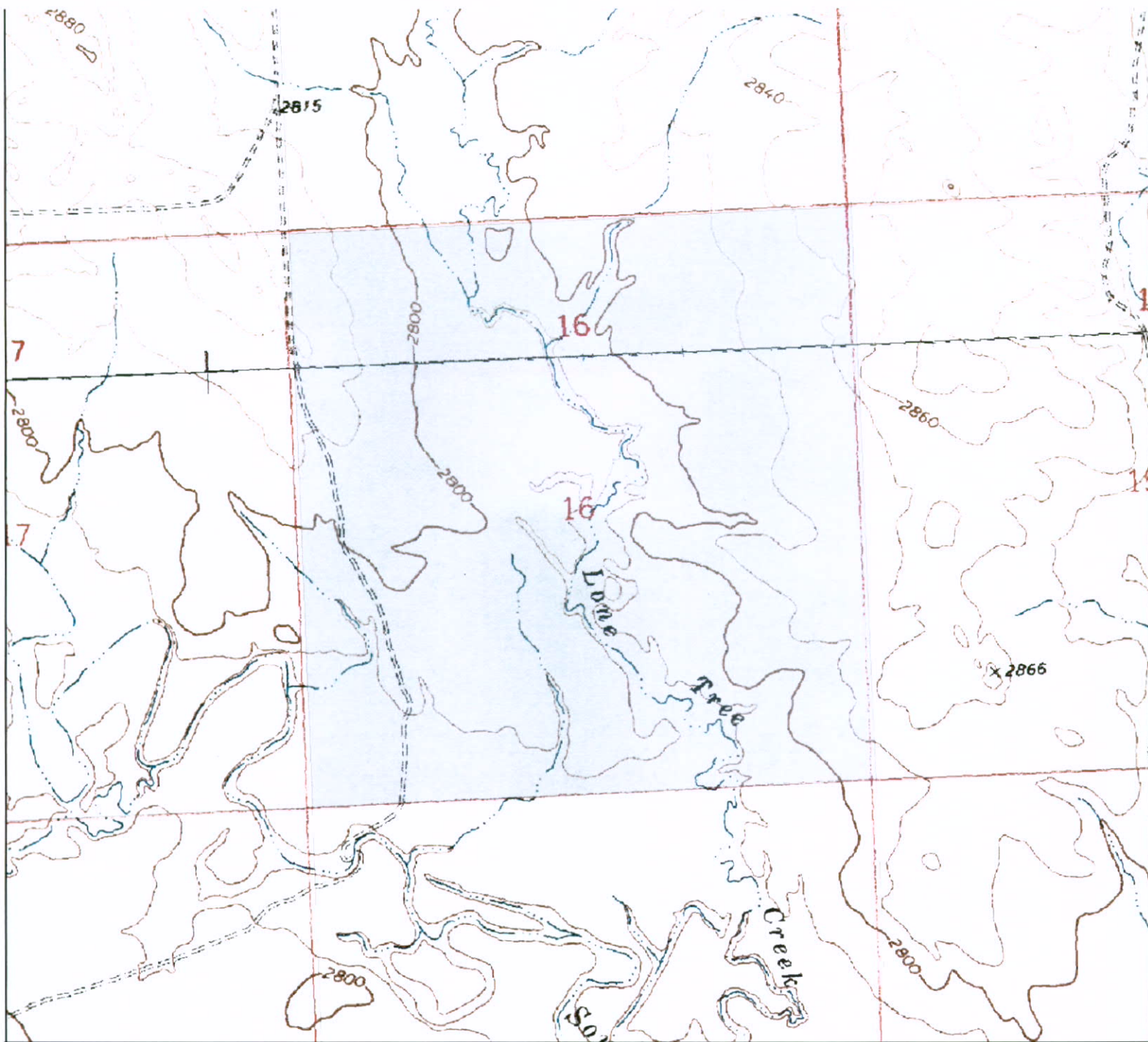


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
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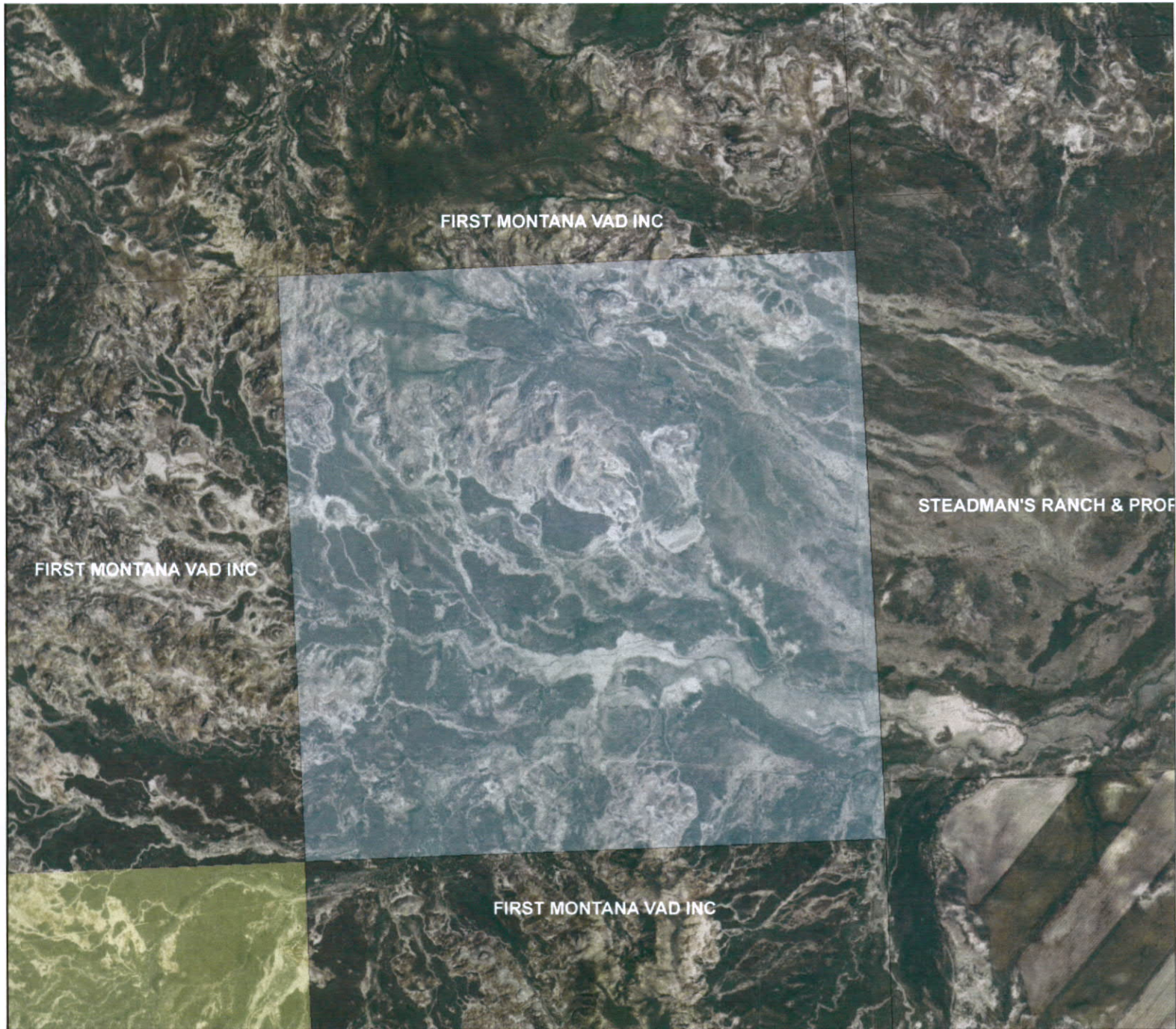
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
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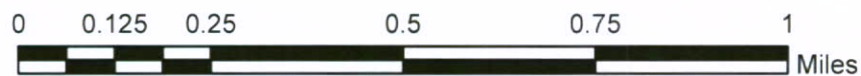
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 Tribal

 USDI Bureau of Land Management

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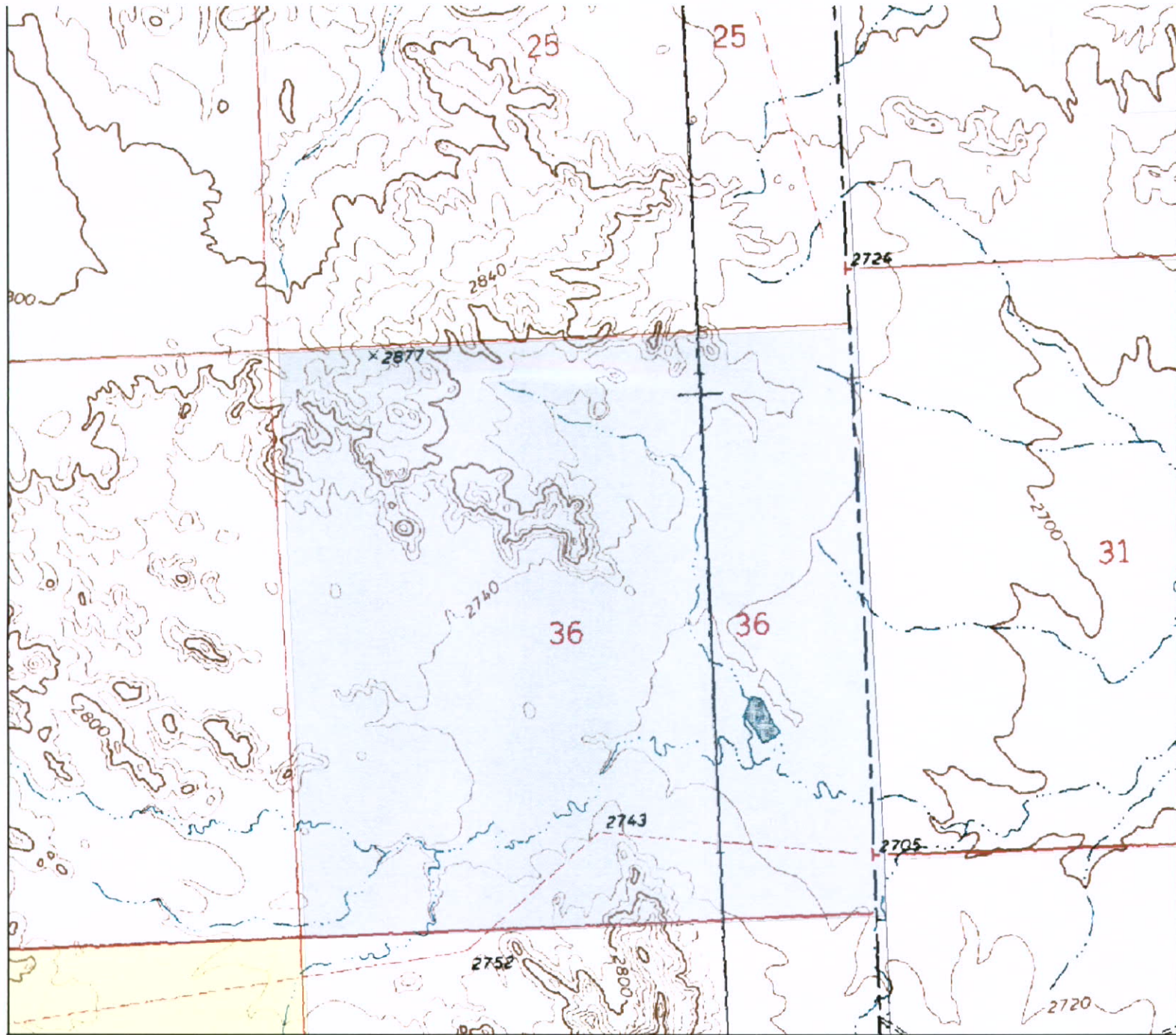


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
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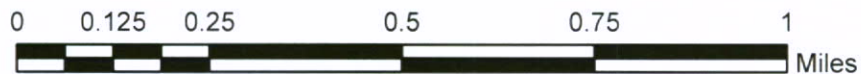
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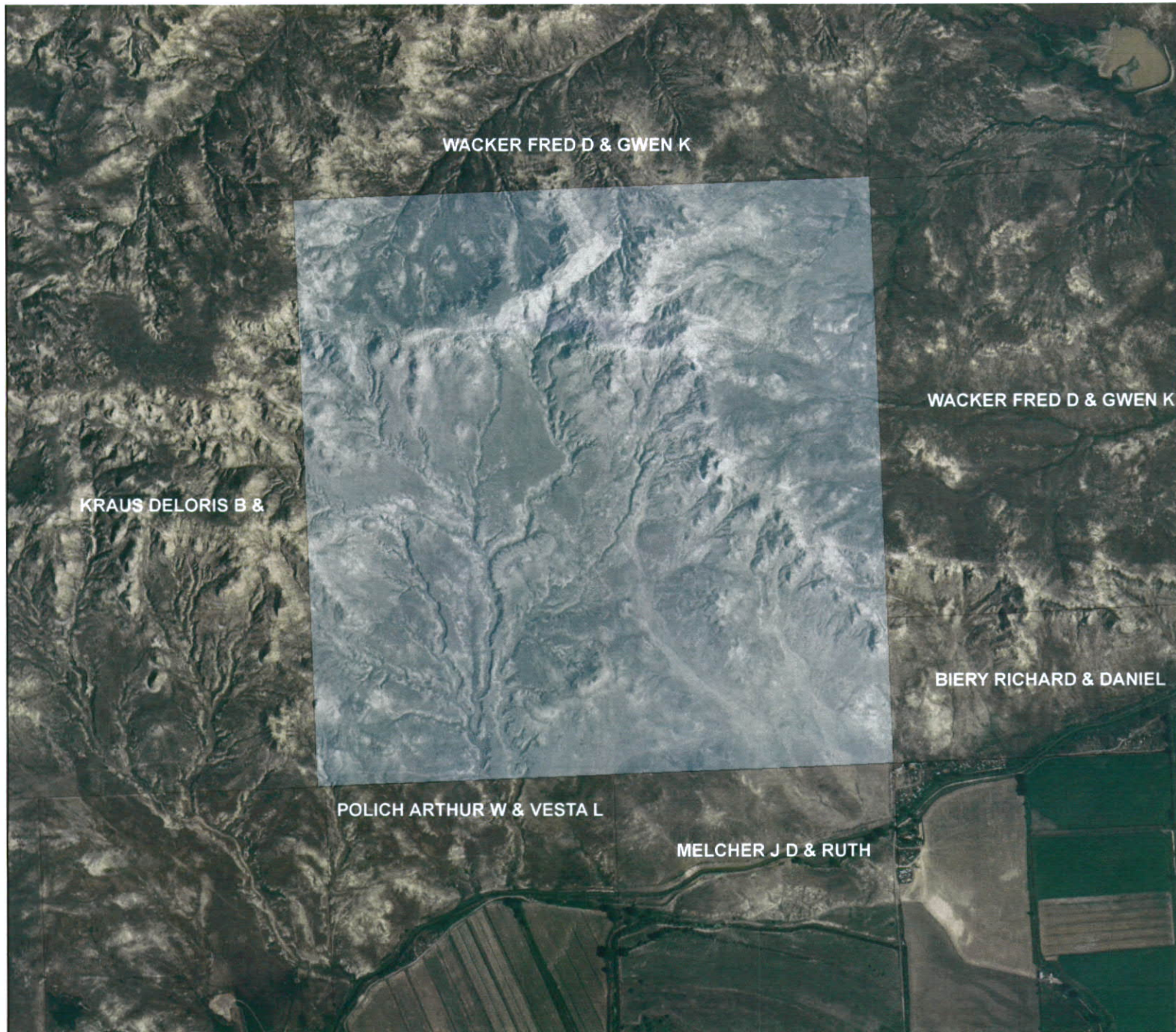


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
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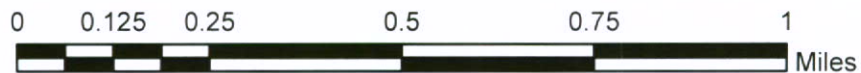
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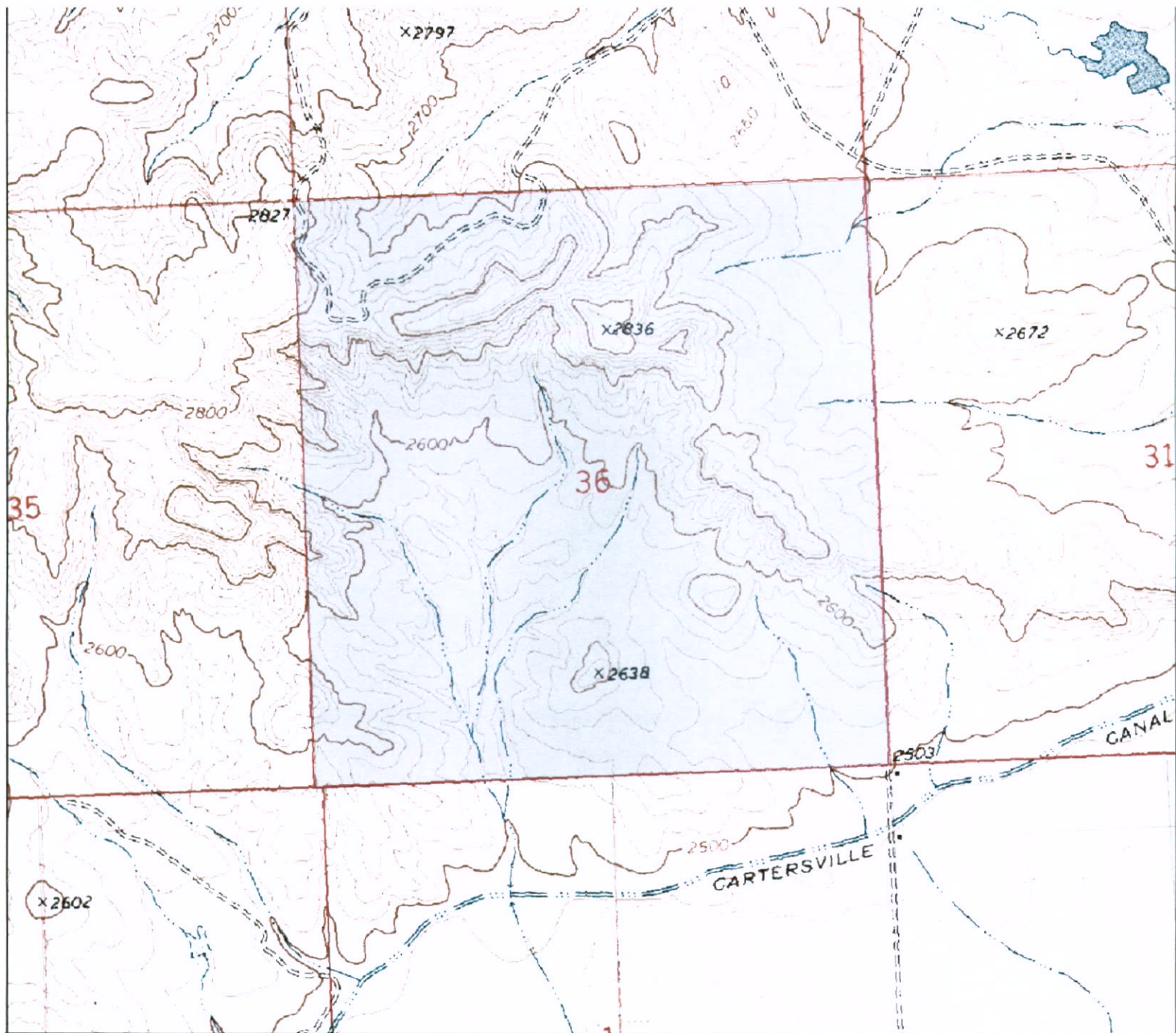


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
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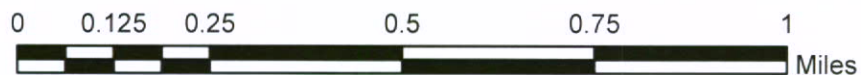
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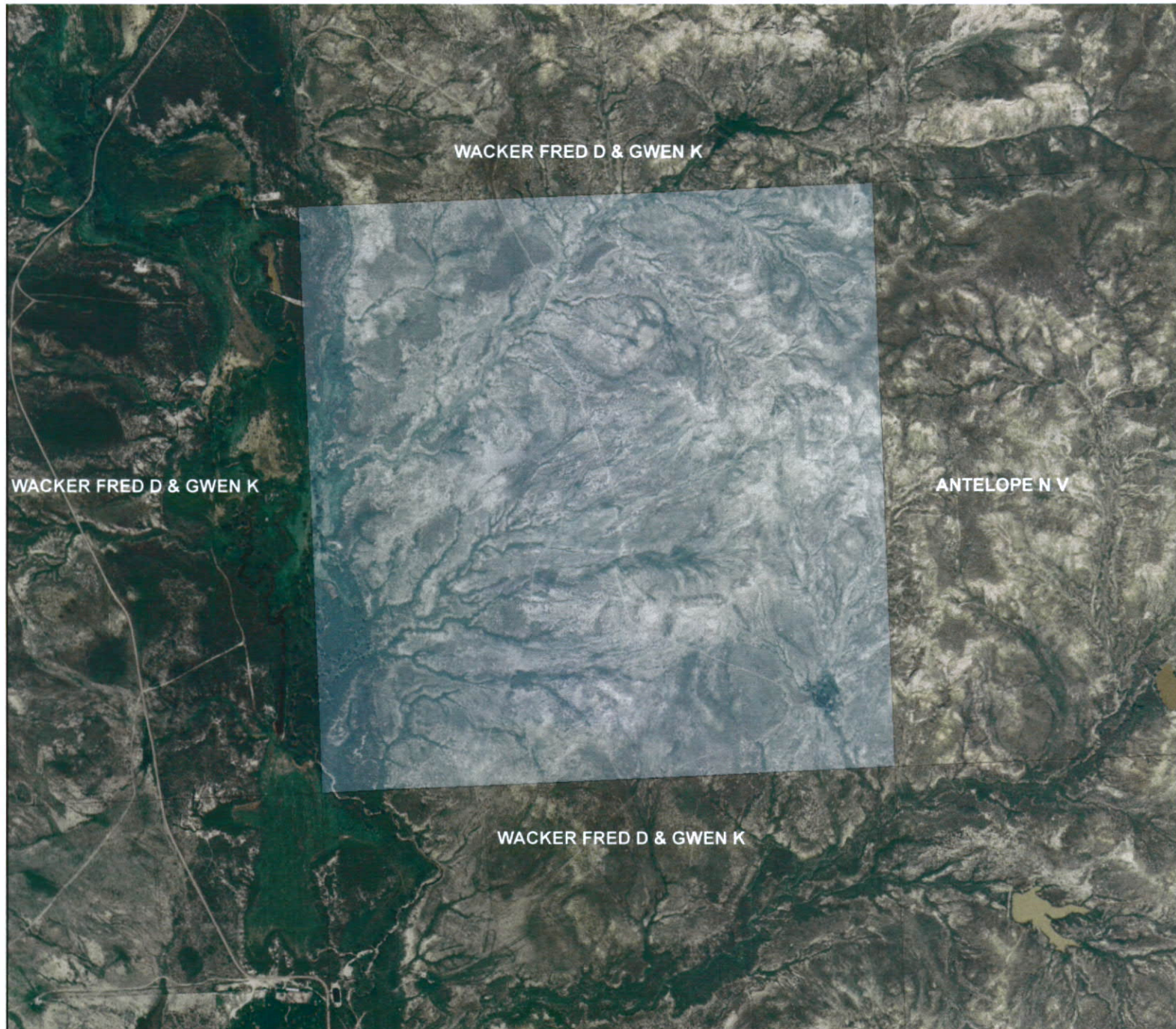


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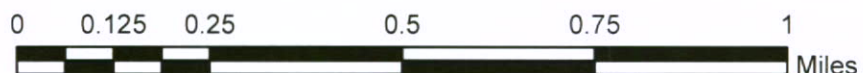
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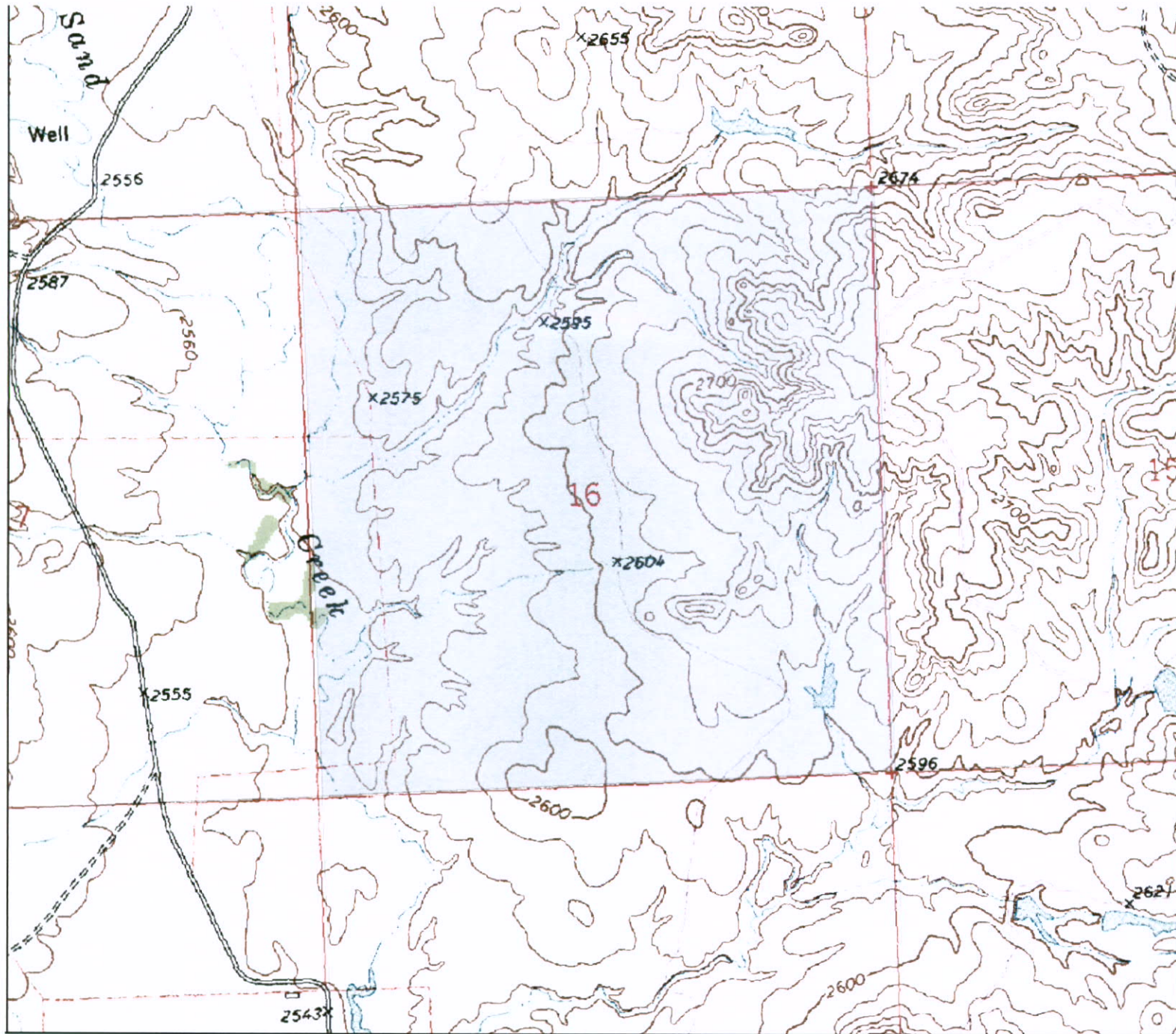


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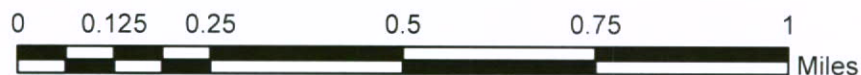
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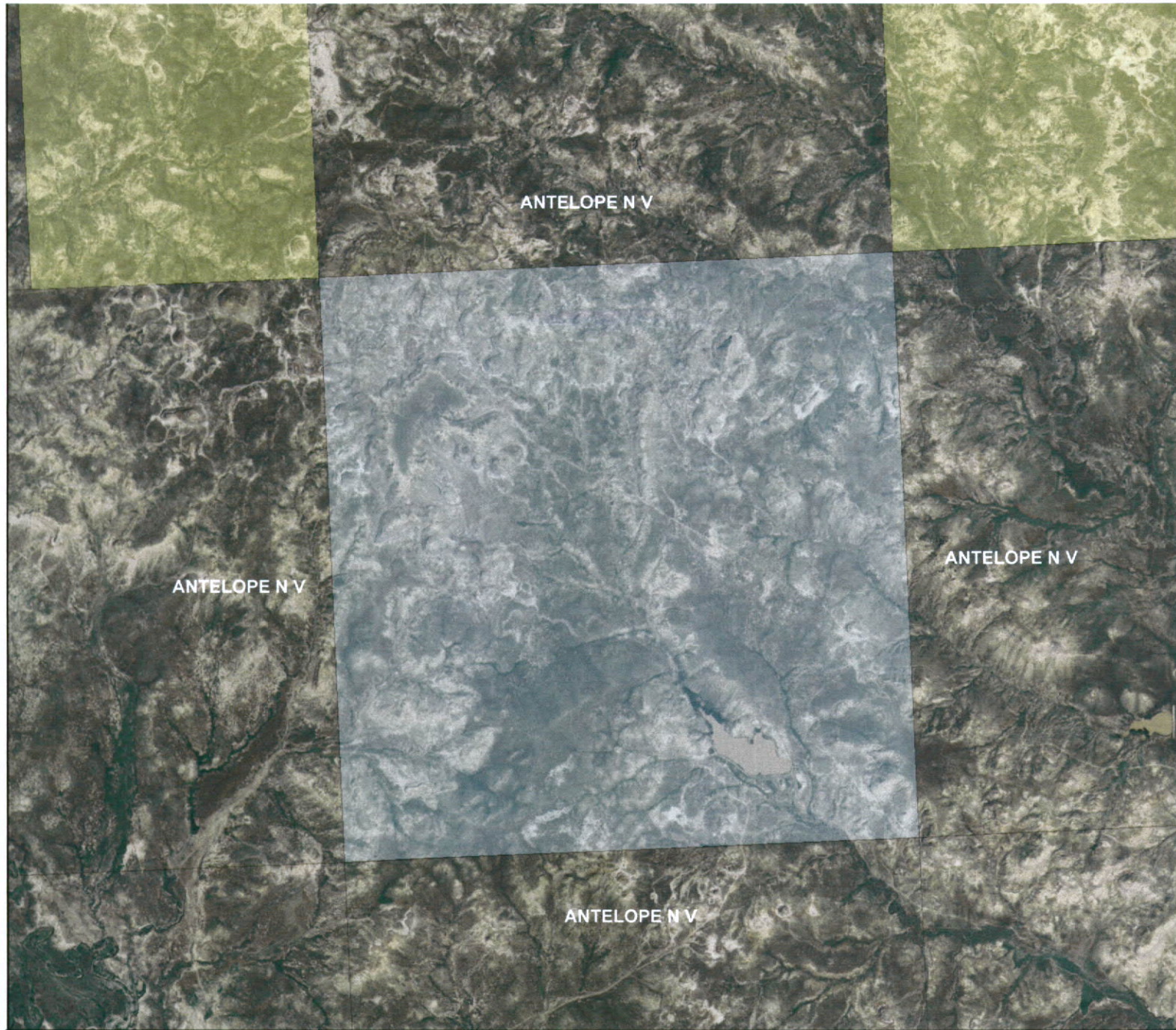


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
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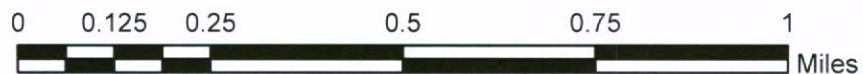
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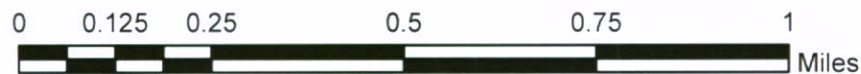
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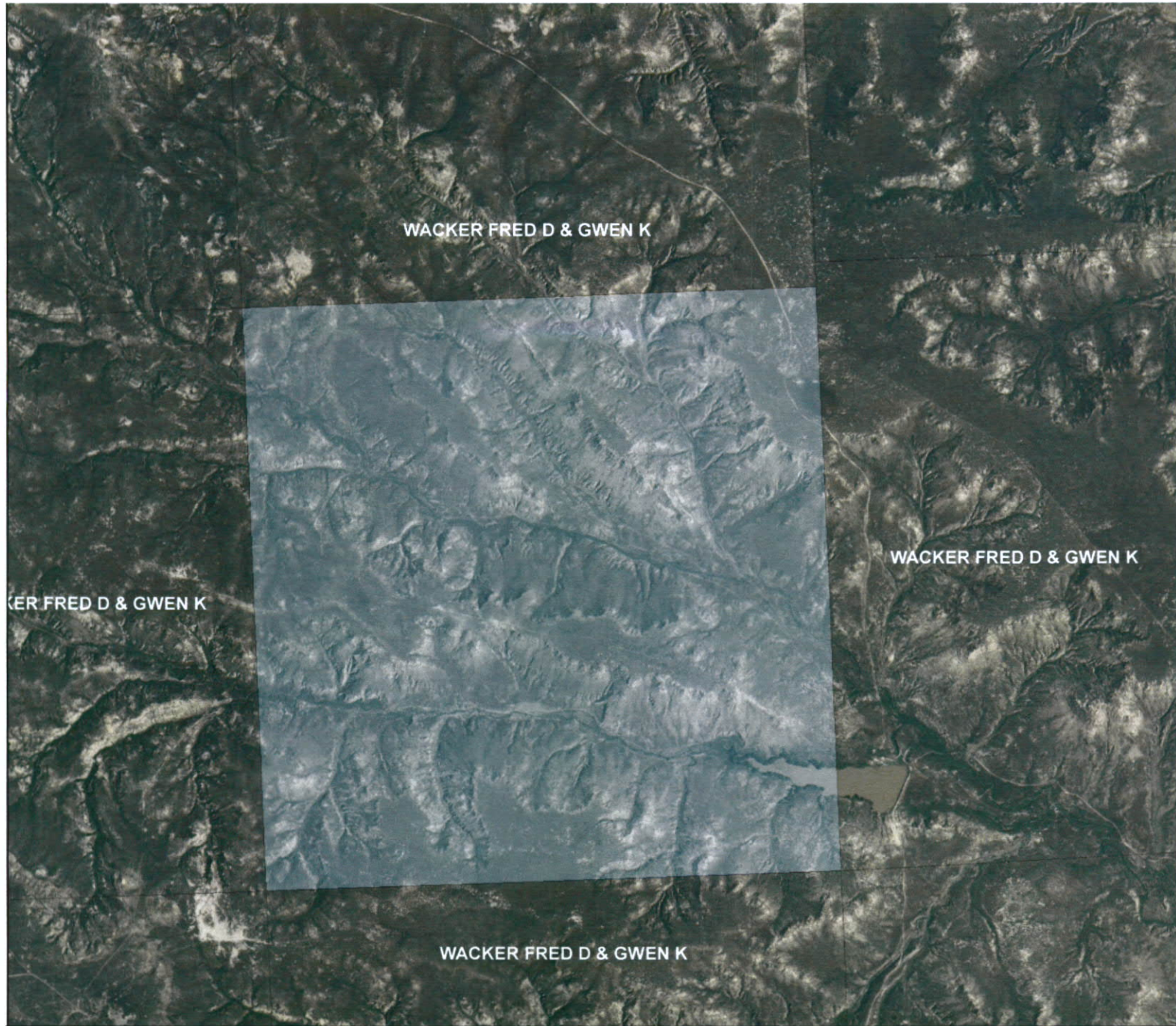


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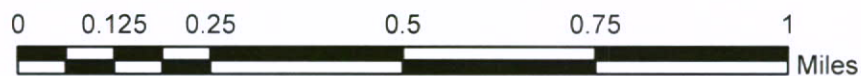
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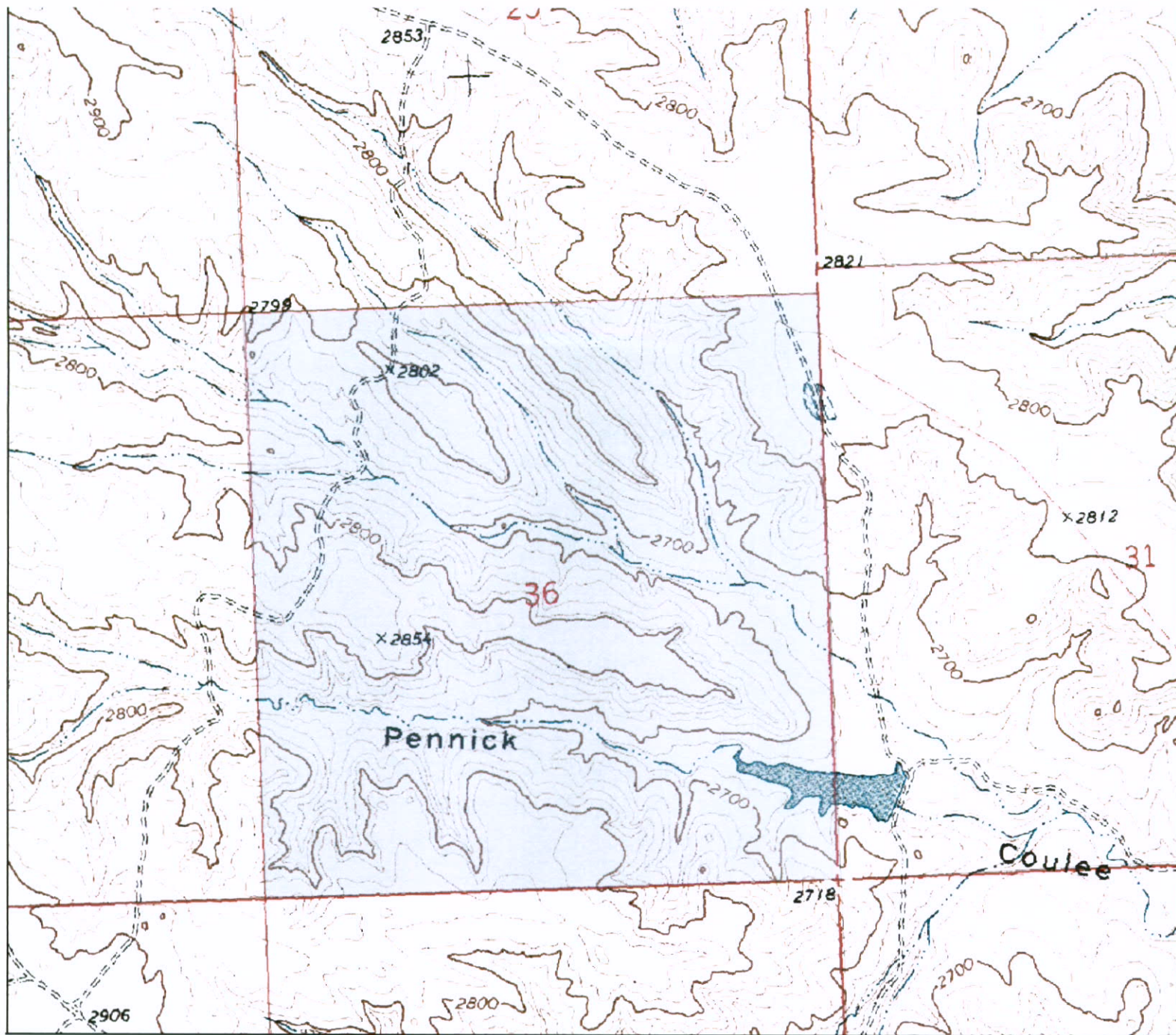


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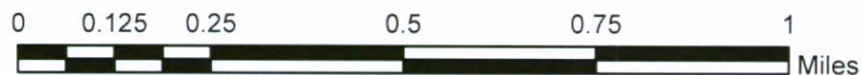
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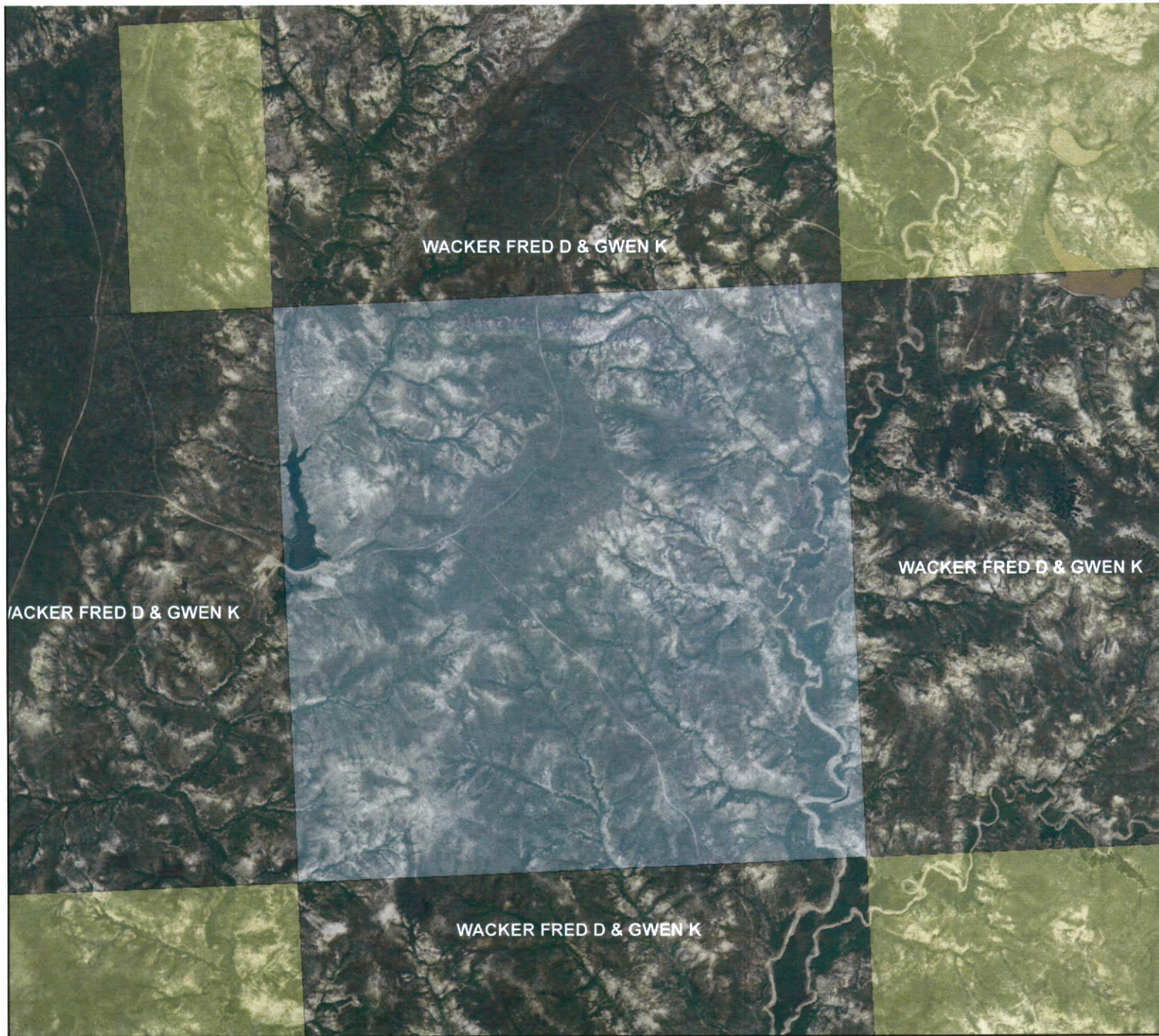


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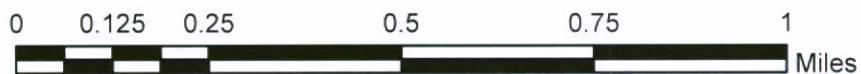
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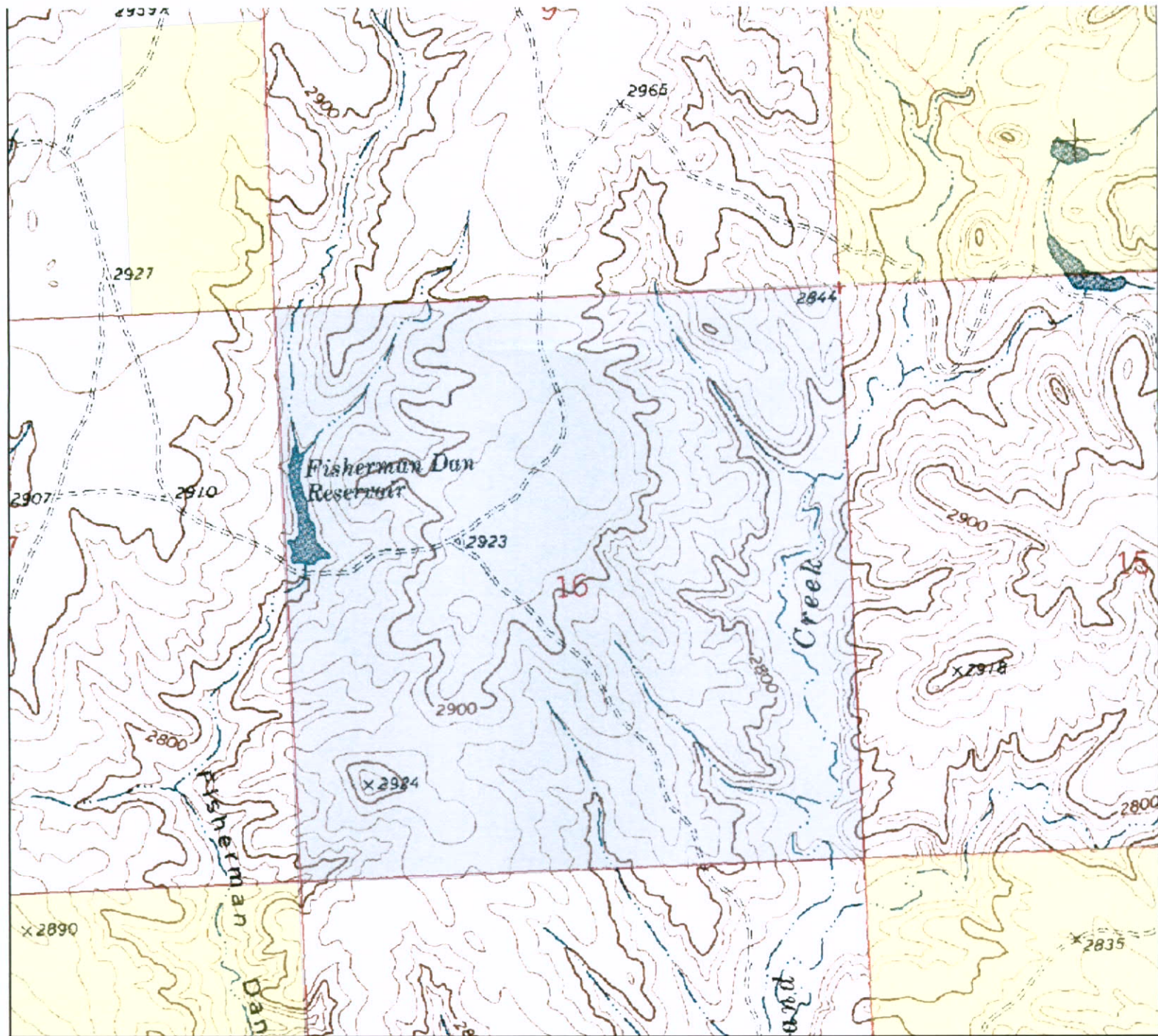


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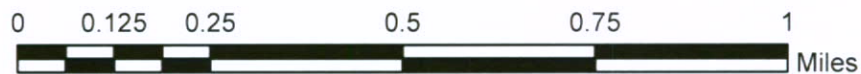
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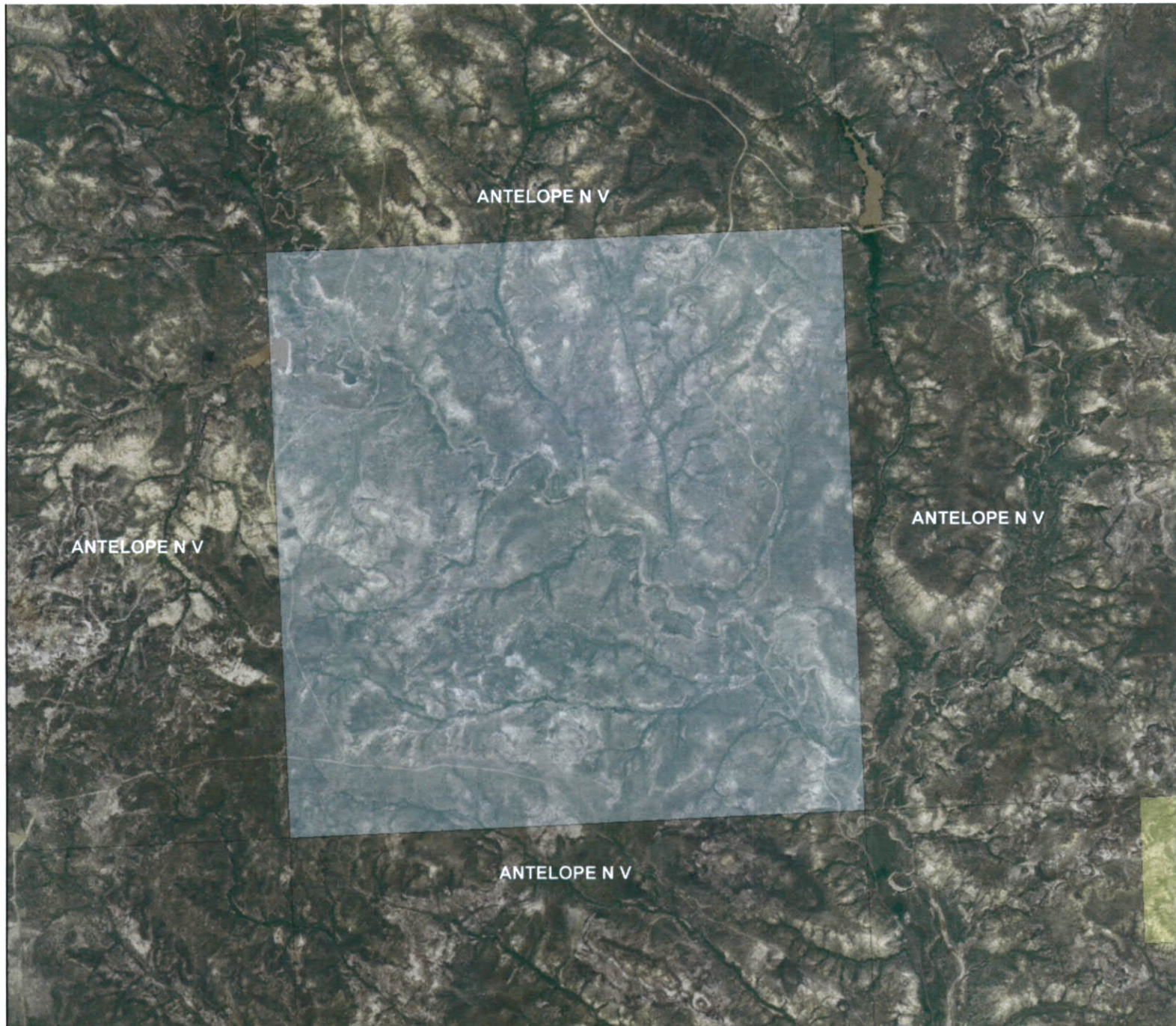


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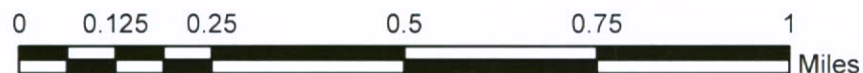
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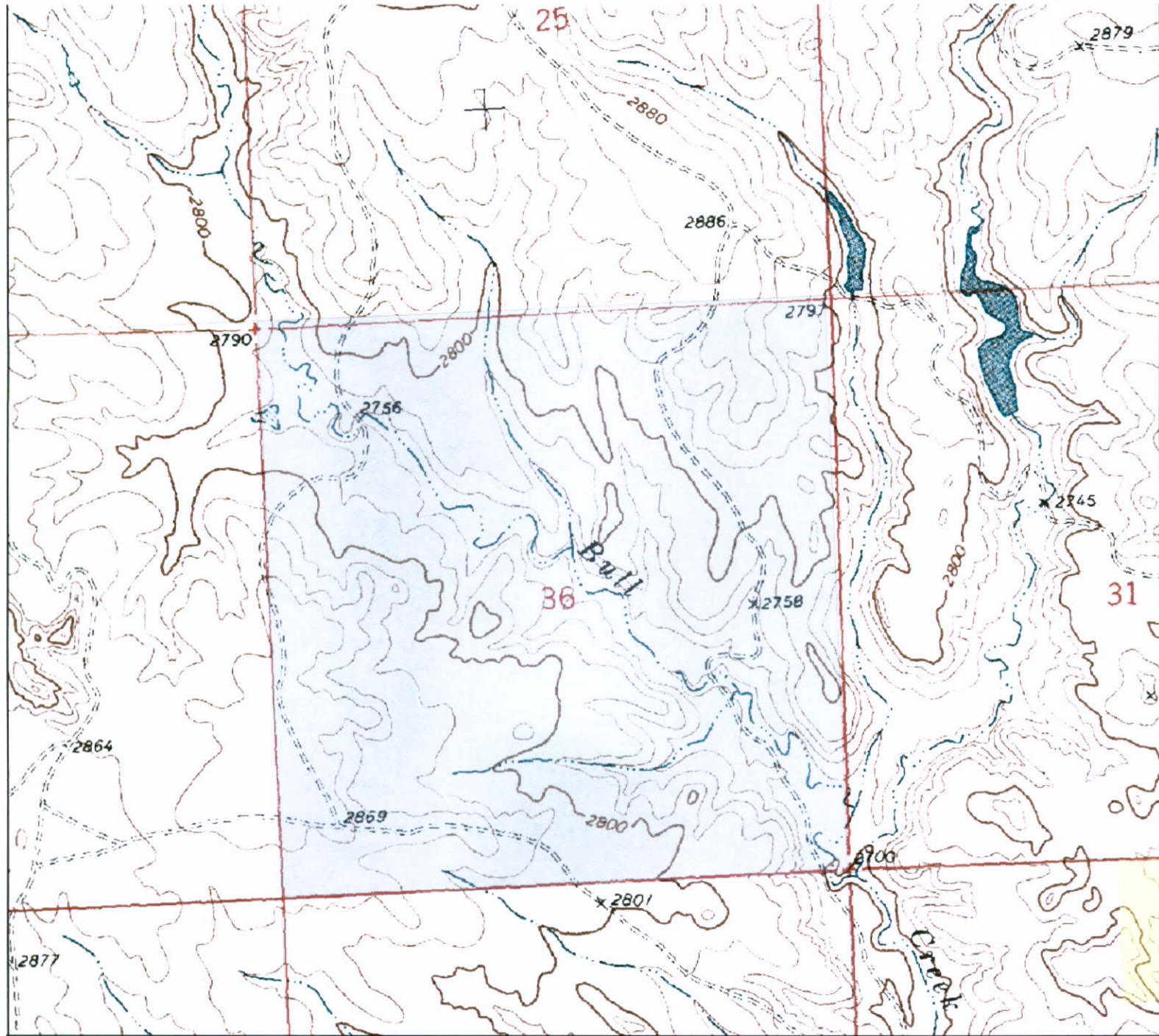


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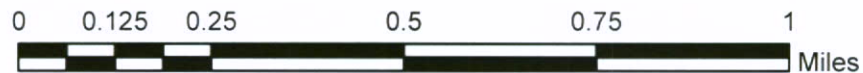
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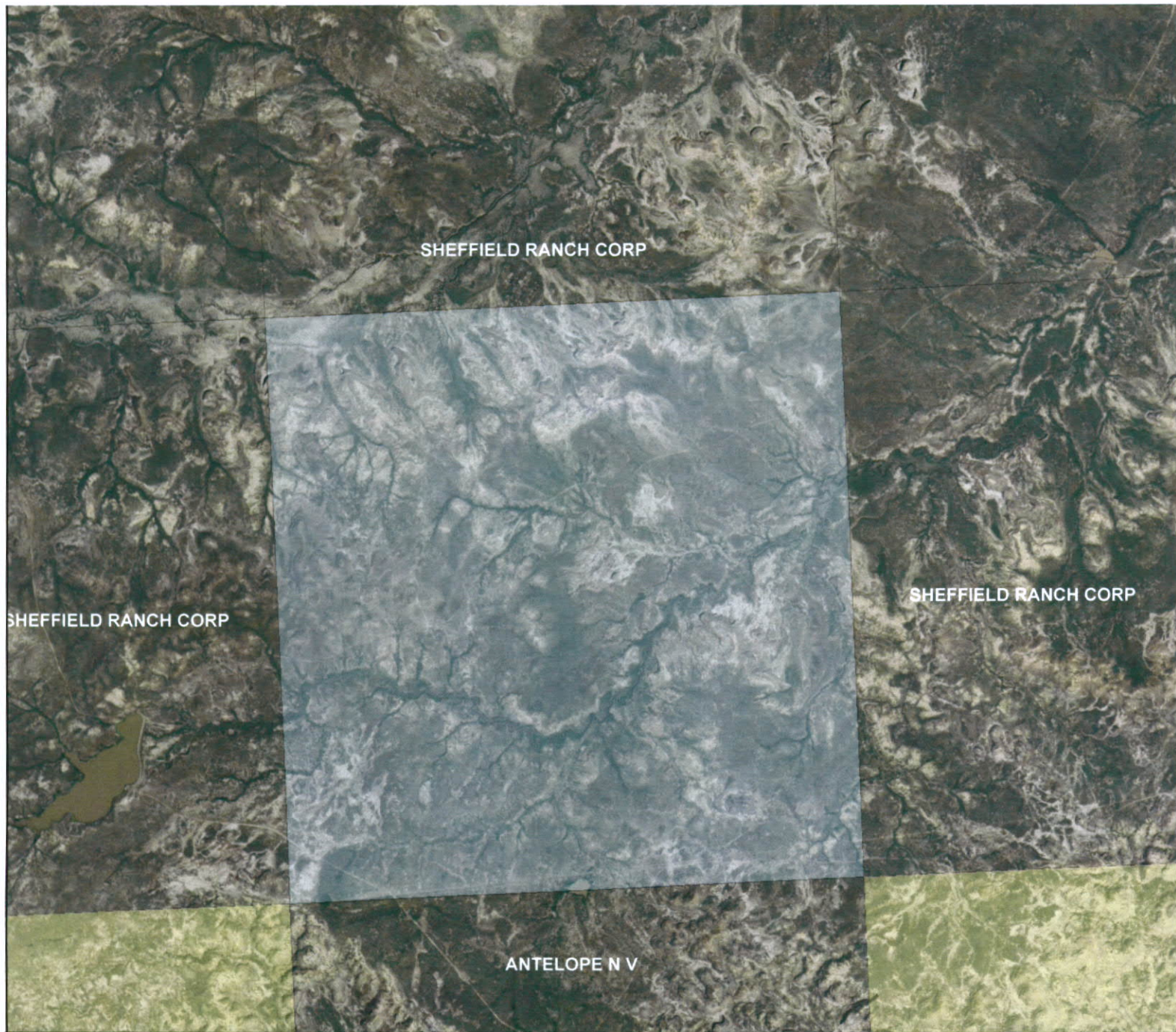


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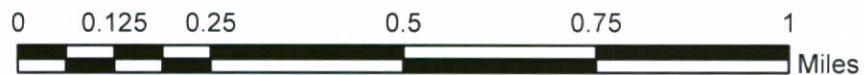
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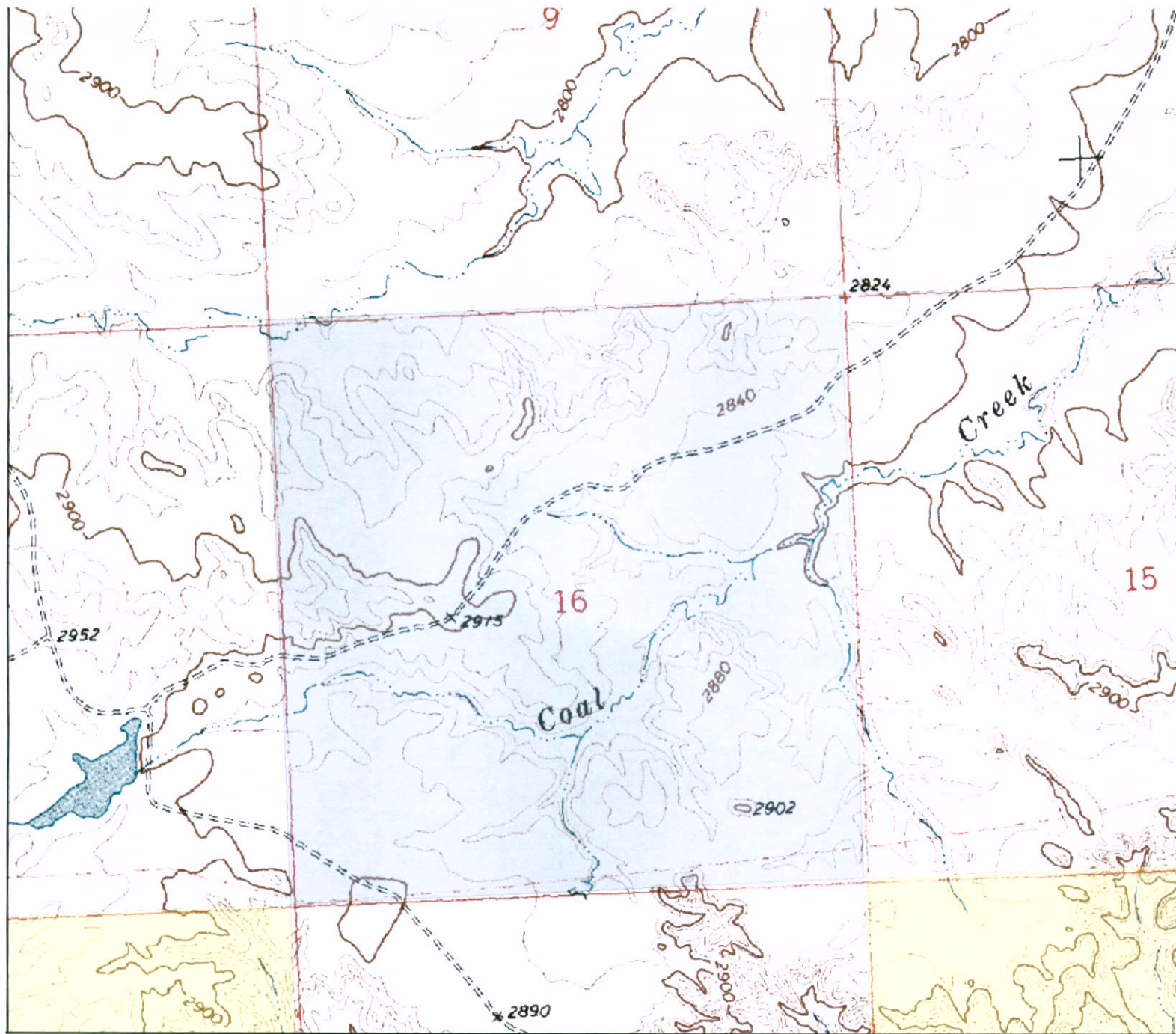


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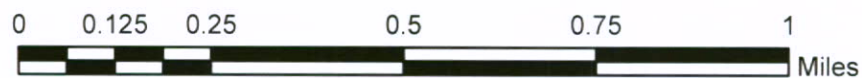
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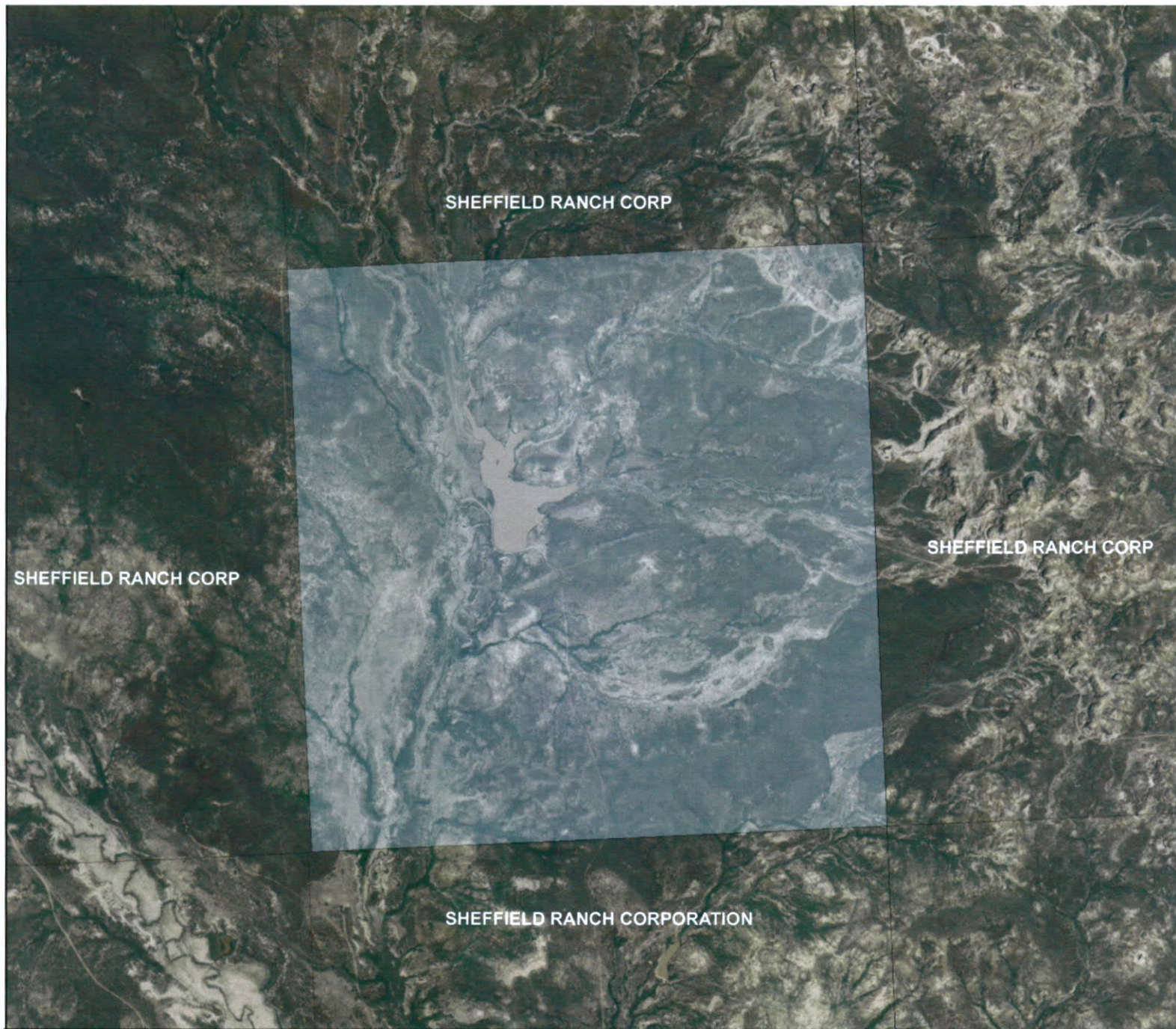


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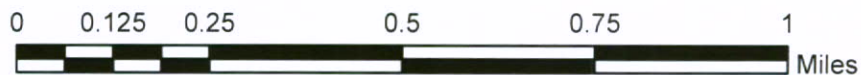
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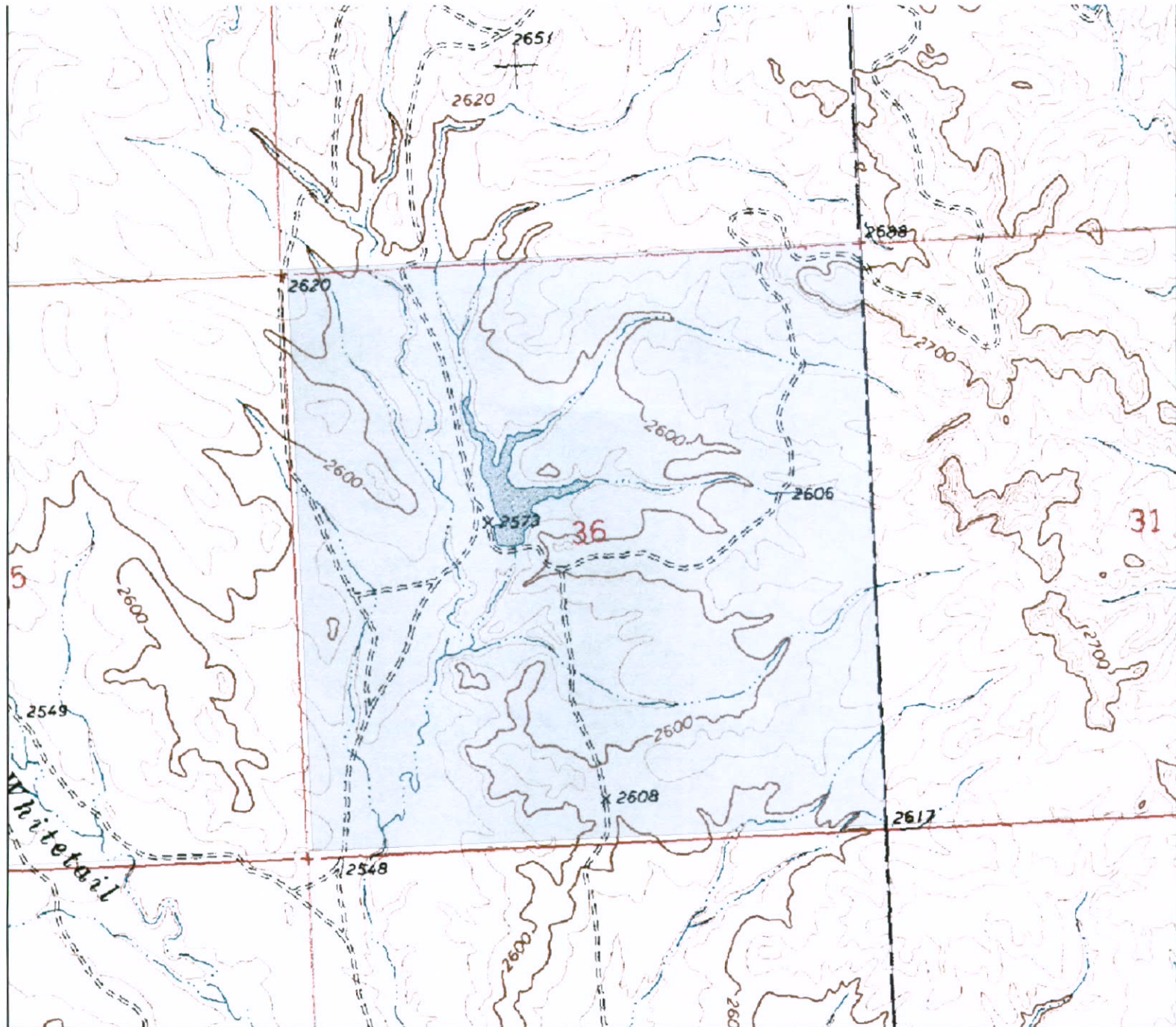


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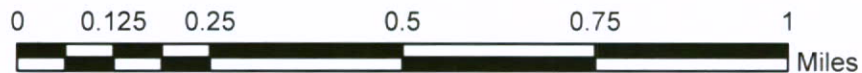
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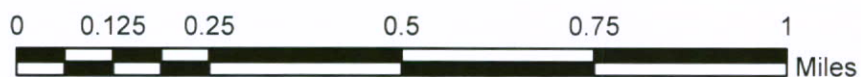
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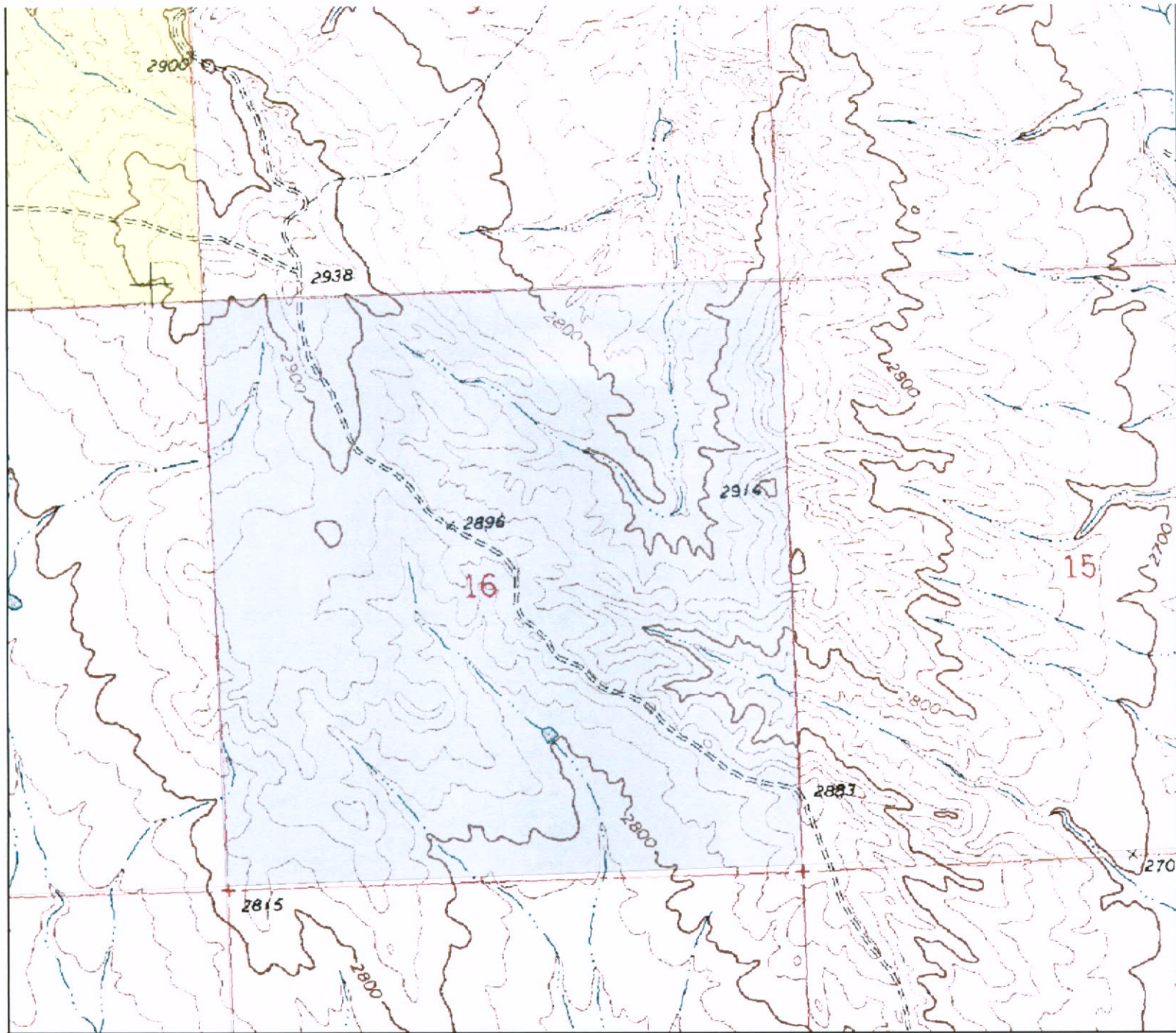


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
OWNCLASS

 Local Government

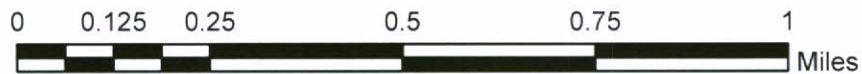
 Private

 State Government

 Tribal

 USDI Bureau of Land Management

 14cad

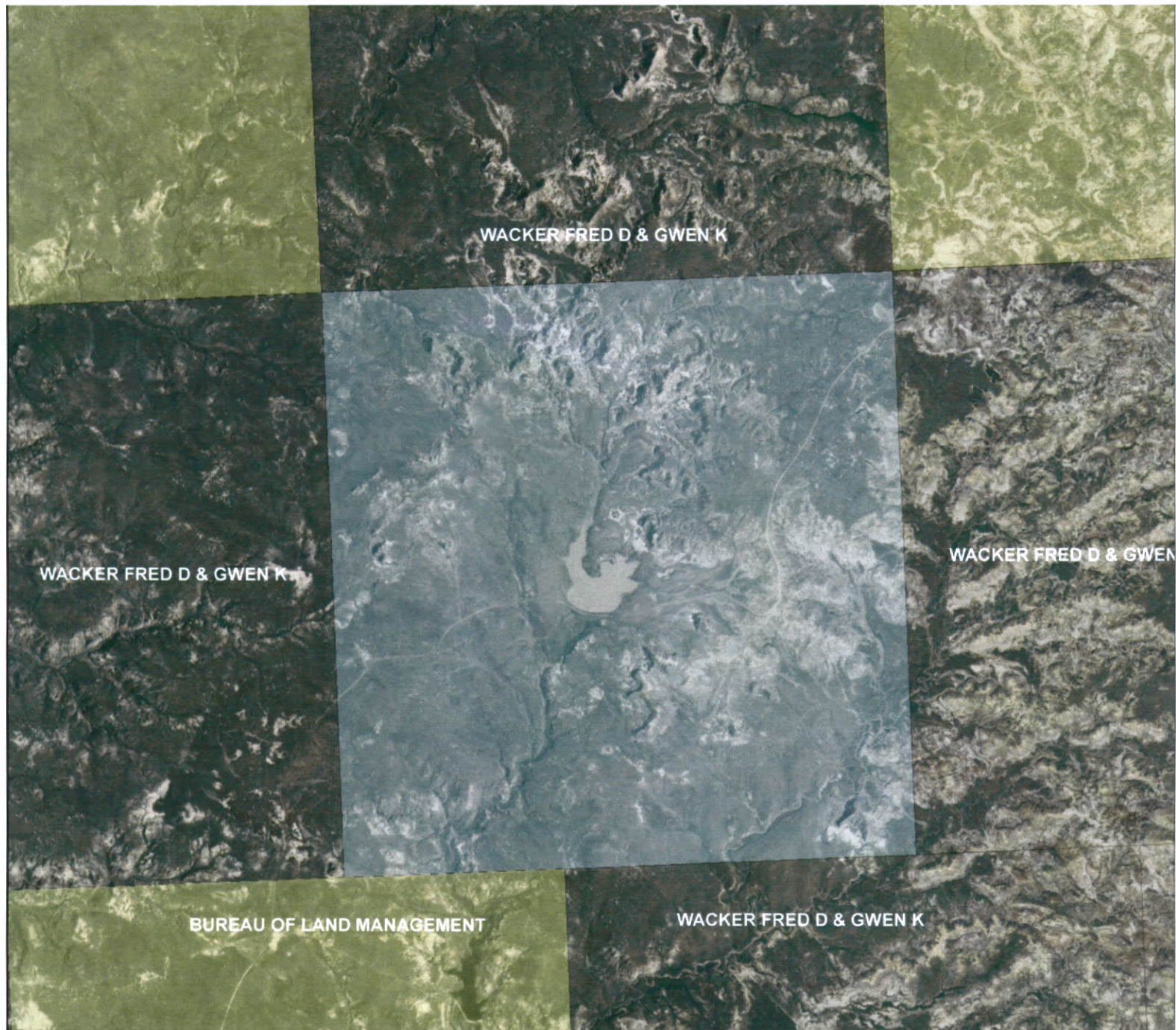


T9N-R40E-Sec16

Scale 1:15,840



Lease # 758



Legend

29cad

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OWNCLASS

Local Government

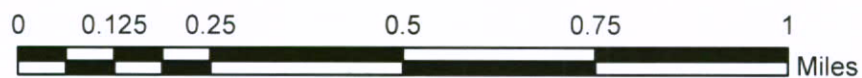
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State Government

Tribal

USDI Bureau of Land Management

14cad

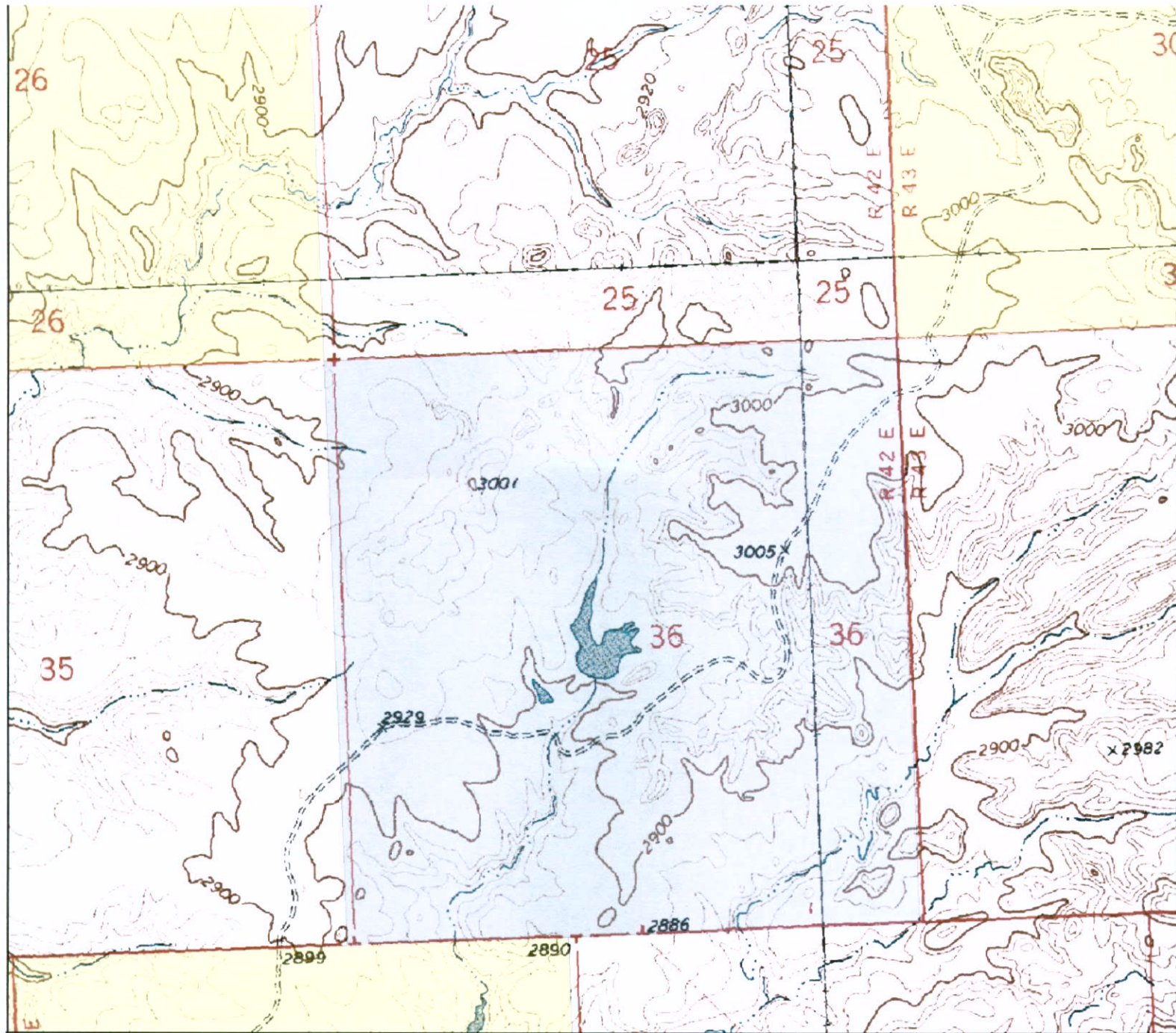


T9N-R42E-Sec36

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Lease # 758



Legend

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OWNCLASS

 Local Government

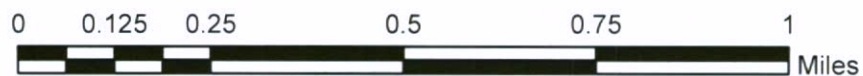
 Private

 State Government

 Tribal

 USDI Bureau of Land Management

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T9N-R42E-Sec36

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Lease # 759



Legend

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OWNCLASS

 Local Government

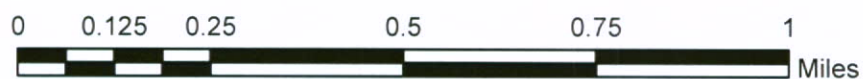
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 State Government

 Tribal

 USDI Bureau of Land Management

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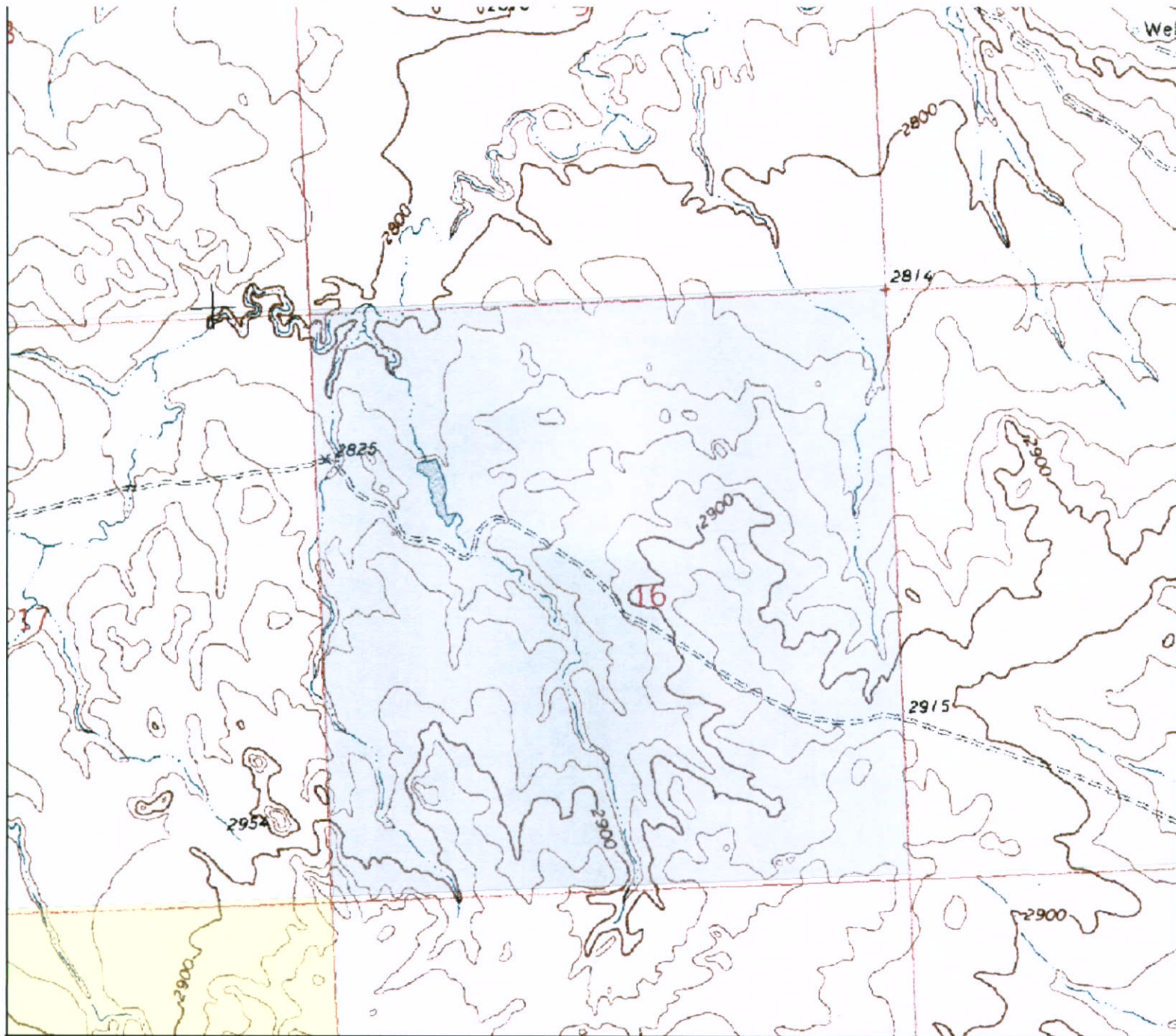


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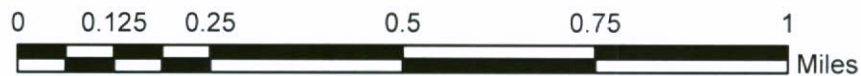
Lease # 759



Legend

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 <all other values>



OWNCLASS

 Local Government

 Private

 State Government

 Tribal

 USDI Bureau of Land Management

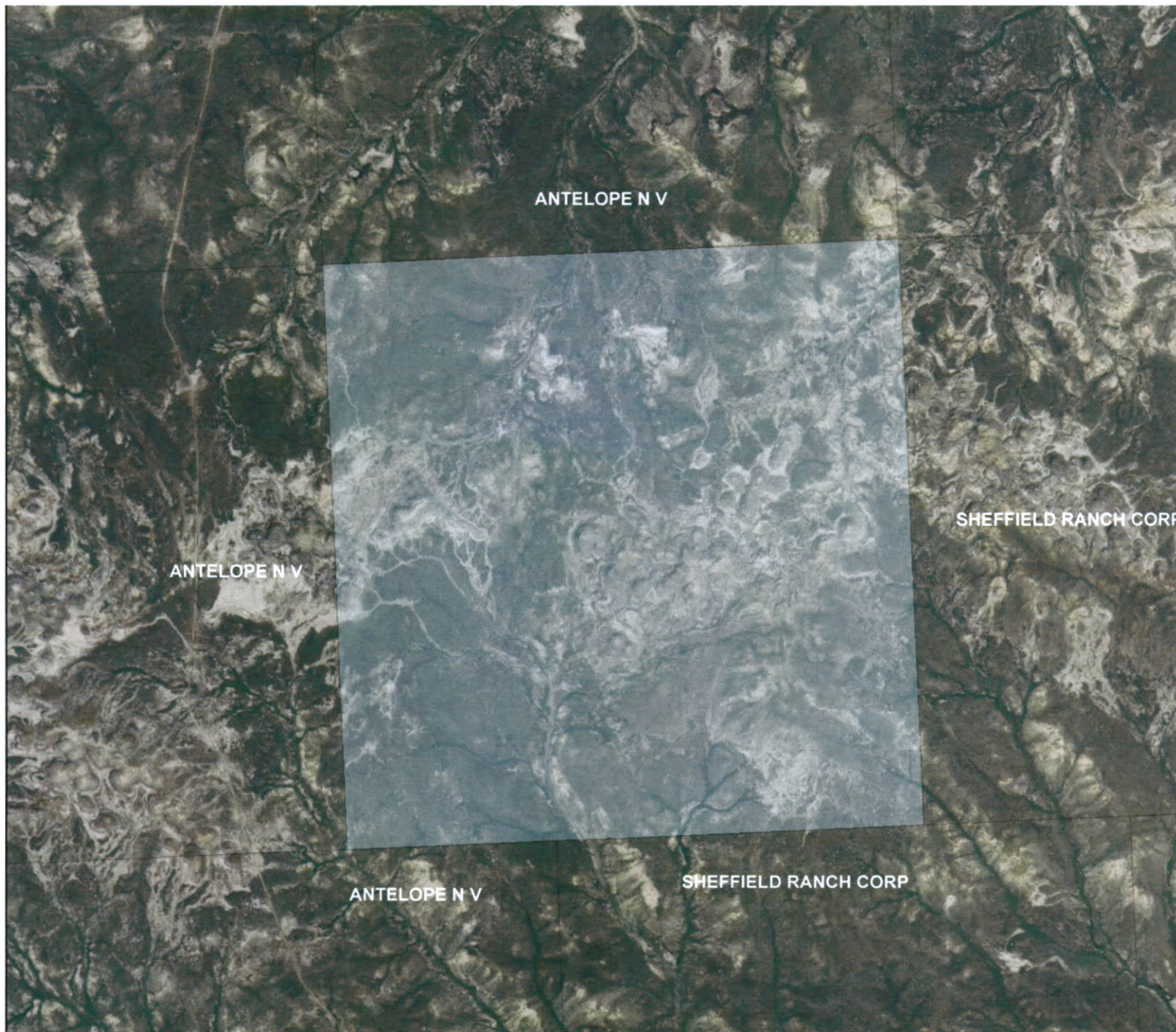
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T9N-R43E-Sec16

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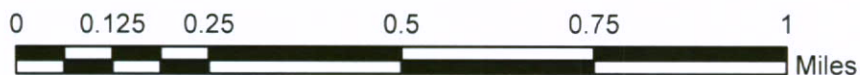
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Legend

29cad

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OWNCLASS

 Local Government

 Private

 State Government

 Tribal

 USDI Bureau of Land Management

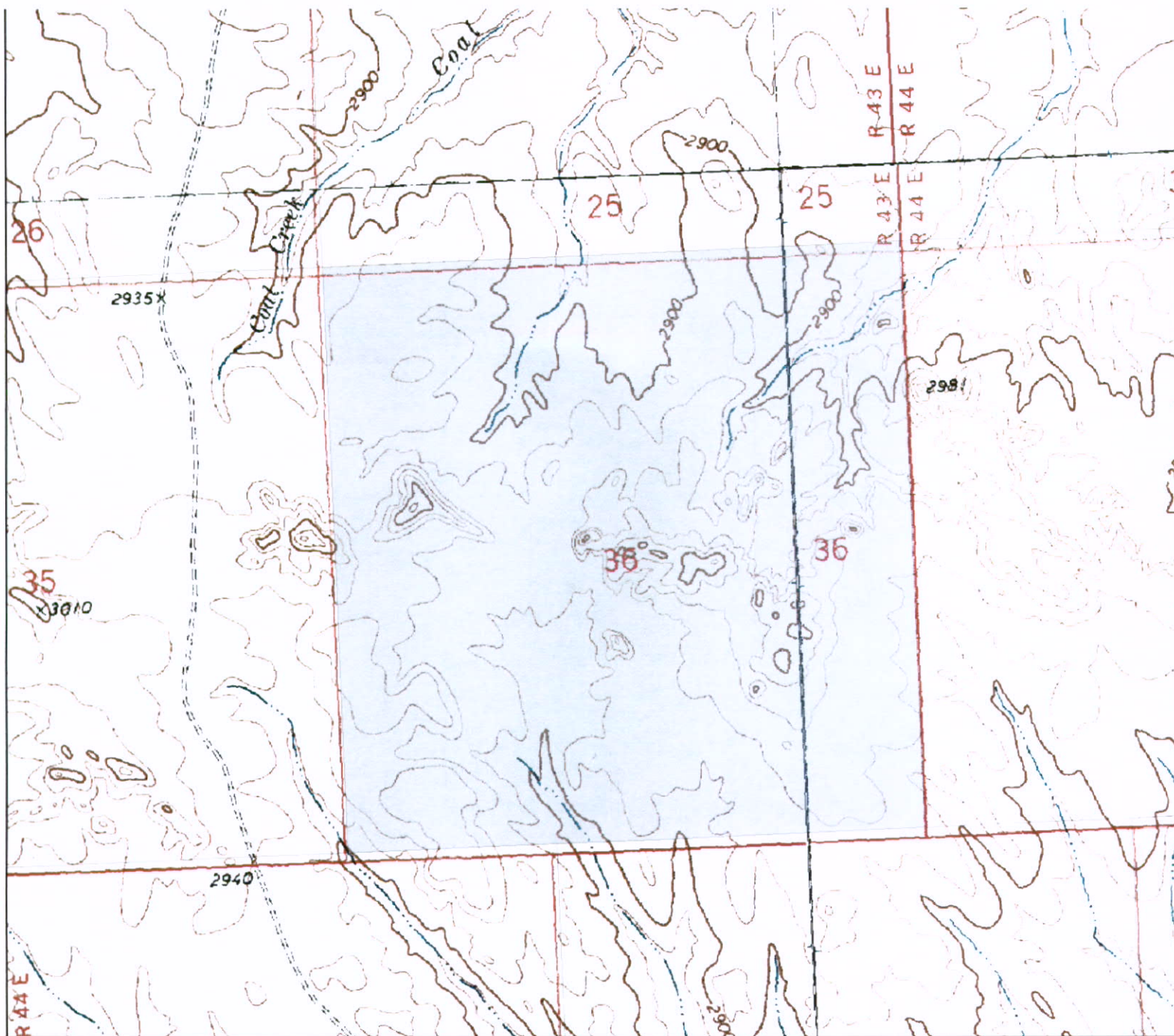
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Lease # 759



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
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 Local Government

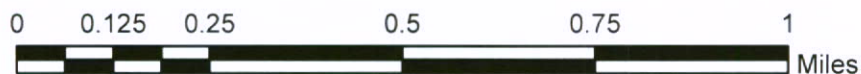
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 State Government

 Tribal

 USDI Bureau of Land Management

 14cad



T9N-R43E-Sec36

Scale 1:15,840



Lease # 6063



Legend

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OWNCLASS

 Local Government

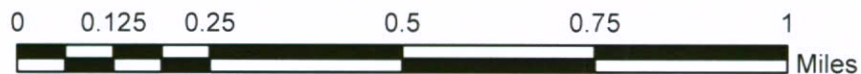
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 State Government

 Tribal

 USDI Bureau of Land Management

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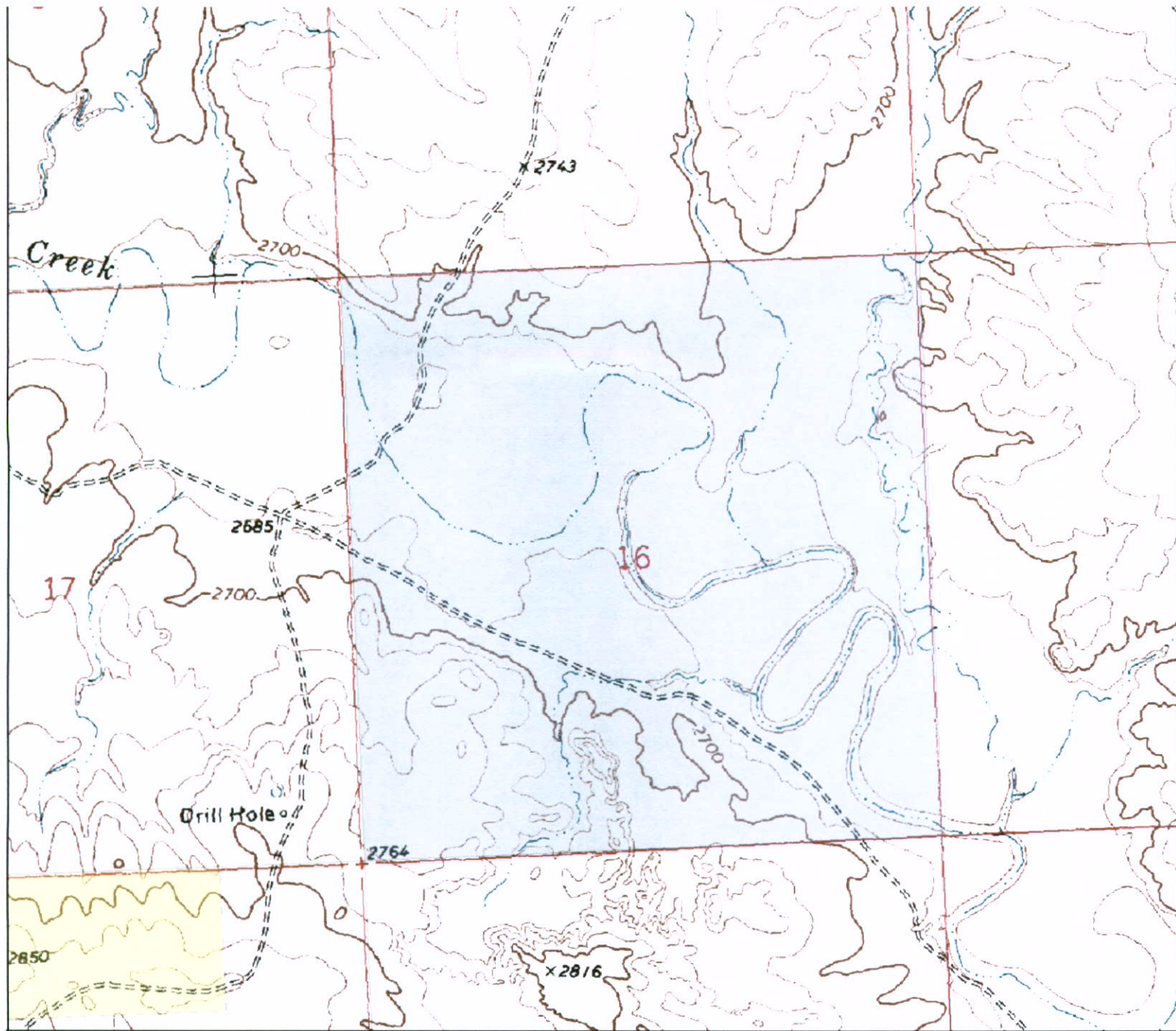


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Lease # 6063



Legend

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
OWNCLASS

 Local Government

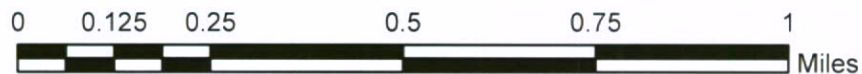
 Private

 State Government

 Tribal

 USDI Bureau of Land Management

 14cad



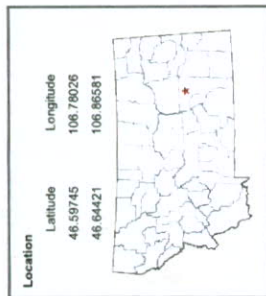
T9N-R44E-Sec16

Scale 1:15,840



Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates and SOC = 'SOC'



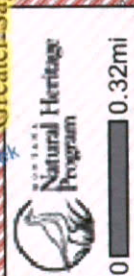
- Species Occurrences (SO)**
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - Non Vascular Plants

ION-39E-16

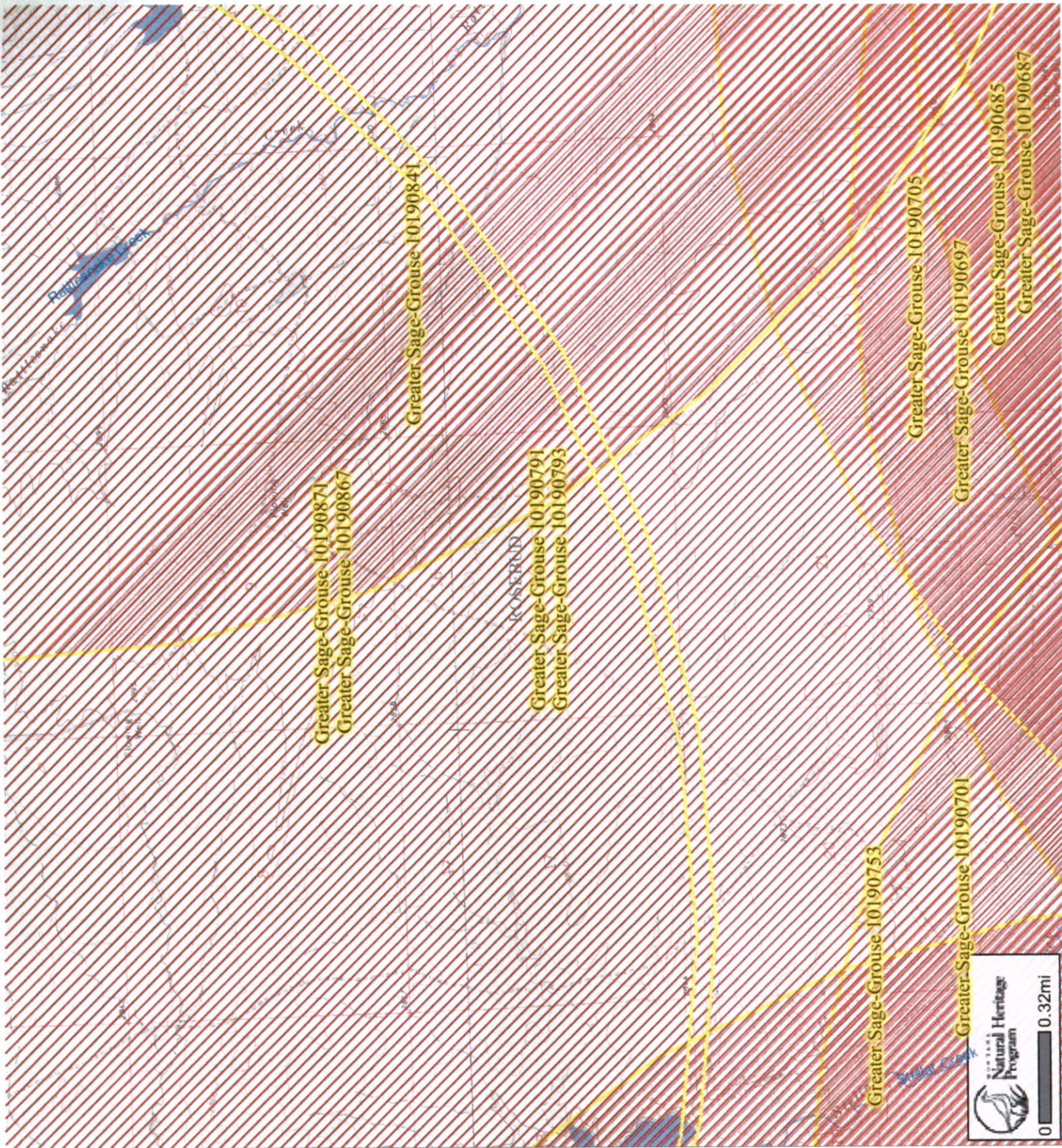
DISCLAIMER: This map was generated from the online Tracker and is intended for information and general planning purposes rather than regulatory decision-making.

The Species Occurrence and Observation databases are a compilation of data from various sources, including sensitive species. Parts of the state have not yet been inventoried, thus an "absence of evidence is not evidence of absence." Nor does the presence of one species imply that other species were surveyed for but not found.

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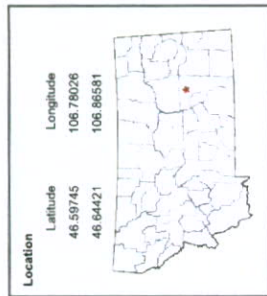


0 0.32mi



Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates and SOC = 'SOC'



Species Occurrences (SO)

- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants

Public Lands (Visible)

- BLM
- State of Montana

DISCLAIMER: This document was generated from the online Tracker and is intended for information and general planning purposes rather than regulatory decision-making.

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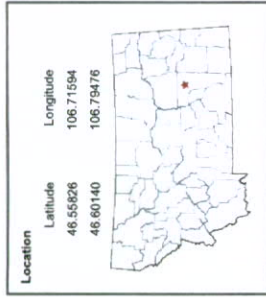
<http://imnhp.org>

Printed 9/30/2008 1:42:26 PM



Natural Heritage Tracker

All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates



Species Occurrences (SO)

- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants

10N-39E-36

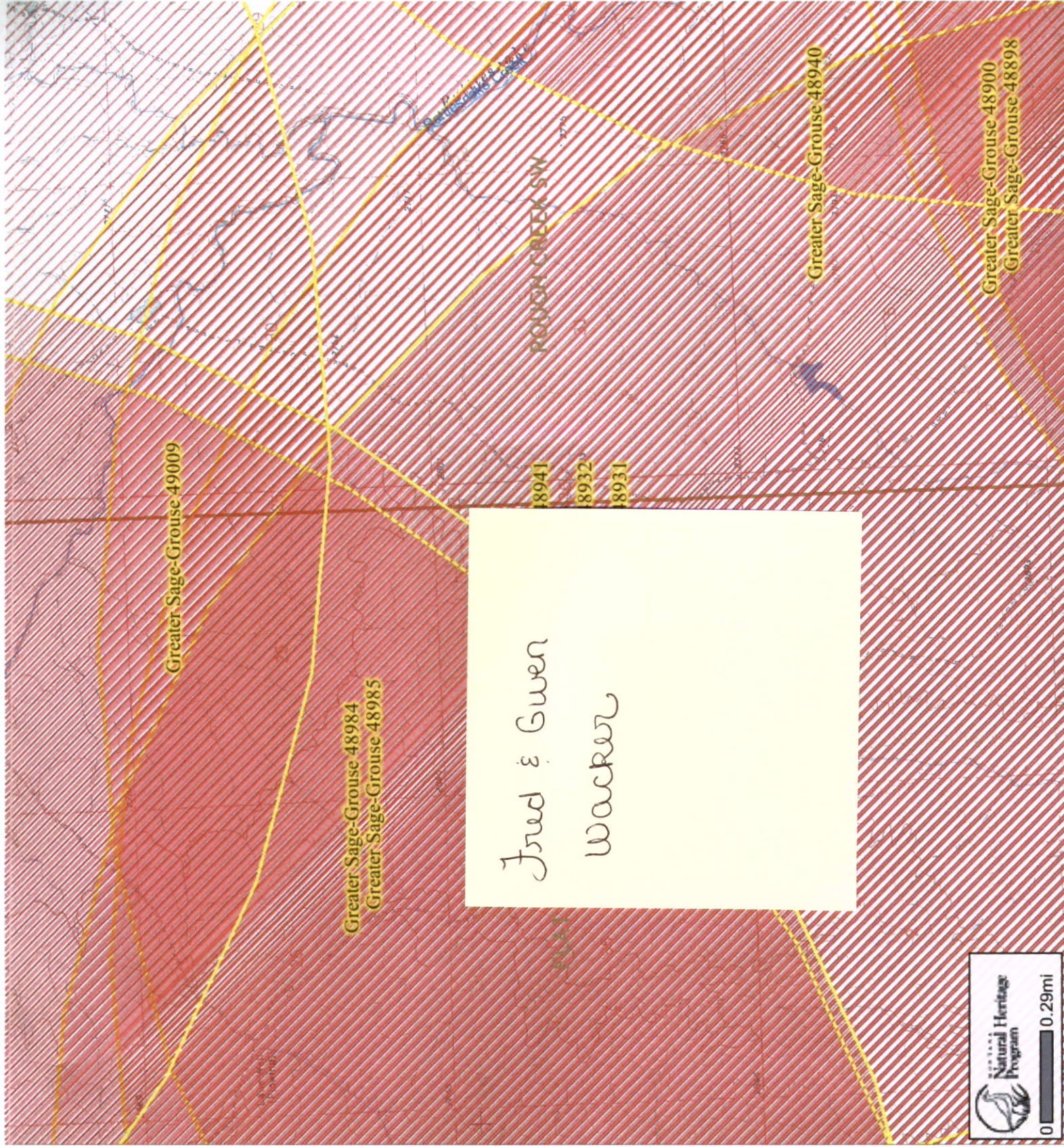
DISCLAIMER:
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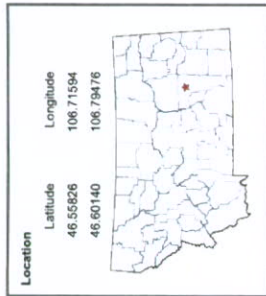
<http://mtnhp.org>

Printed 7/22/2008 10:57:28 AM



Natural Heritage Tracker

All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates



Species Occurrences (SO)

- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants

Public Lands (visible)

- BLM
- State of Montana

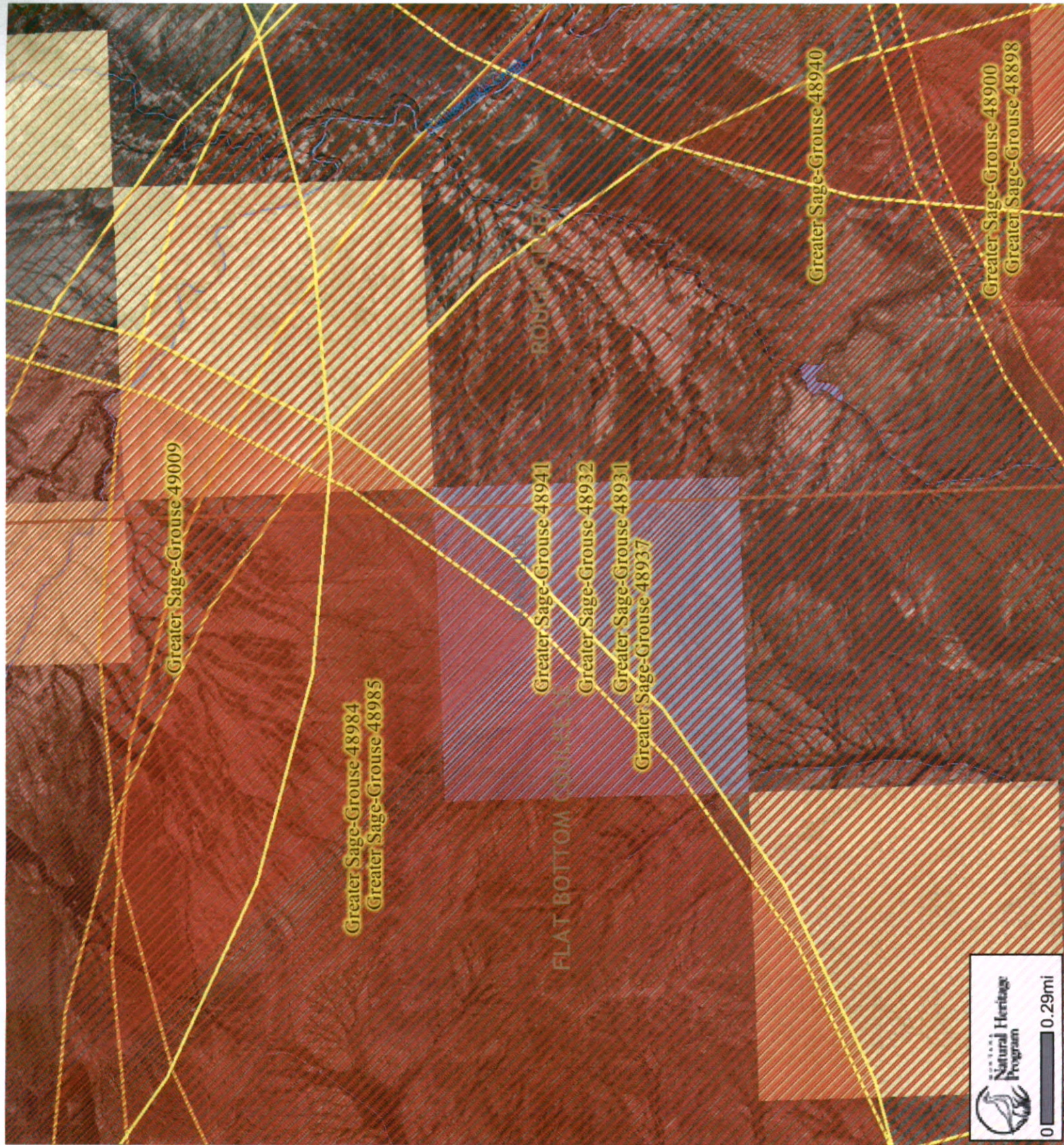
DISCLAIMER:
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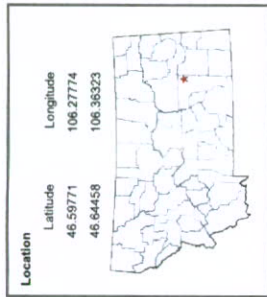
<http://mthnp.org>

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Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (SO)

- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants

10N-43E-16

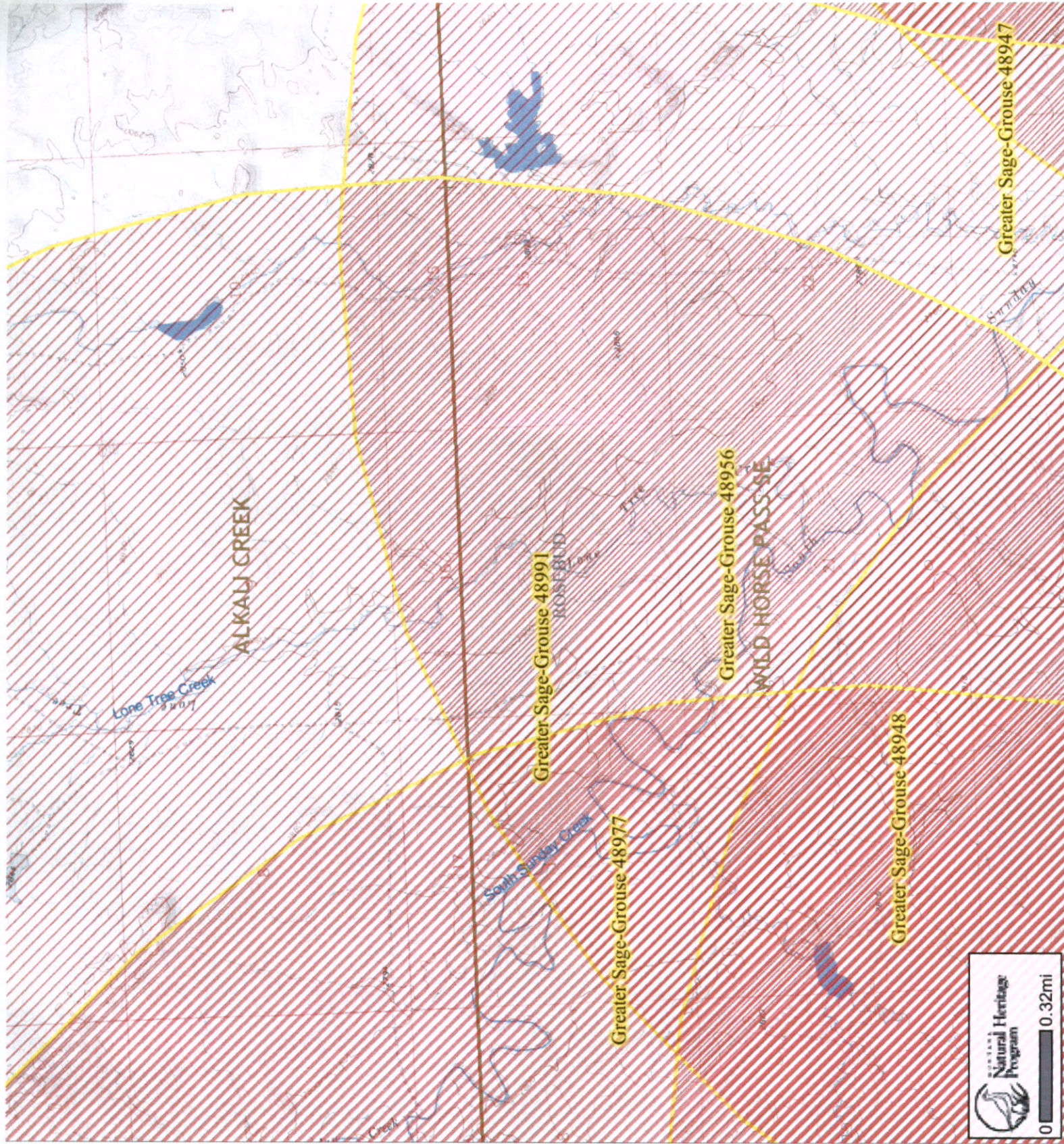
DISCLAIMER:
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The Species Occurrence and Observation databases are a statewide inventory of KNOWN locations and conditions of sensitive species. Parts of the state have not yet been inventoried. Thus an "absence of evidence is not evidence of absence." The absence of a species does not imply that other species were surveyed for but not found.

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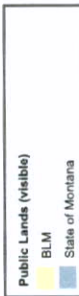
Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (SO)

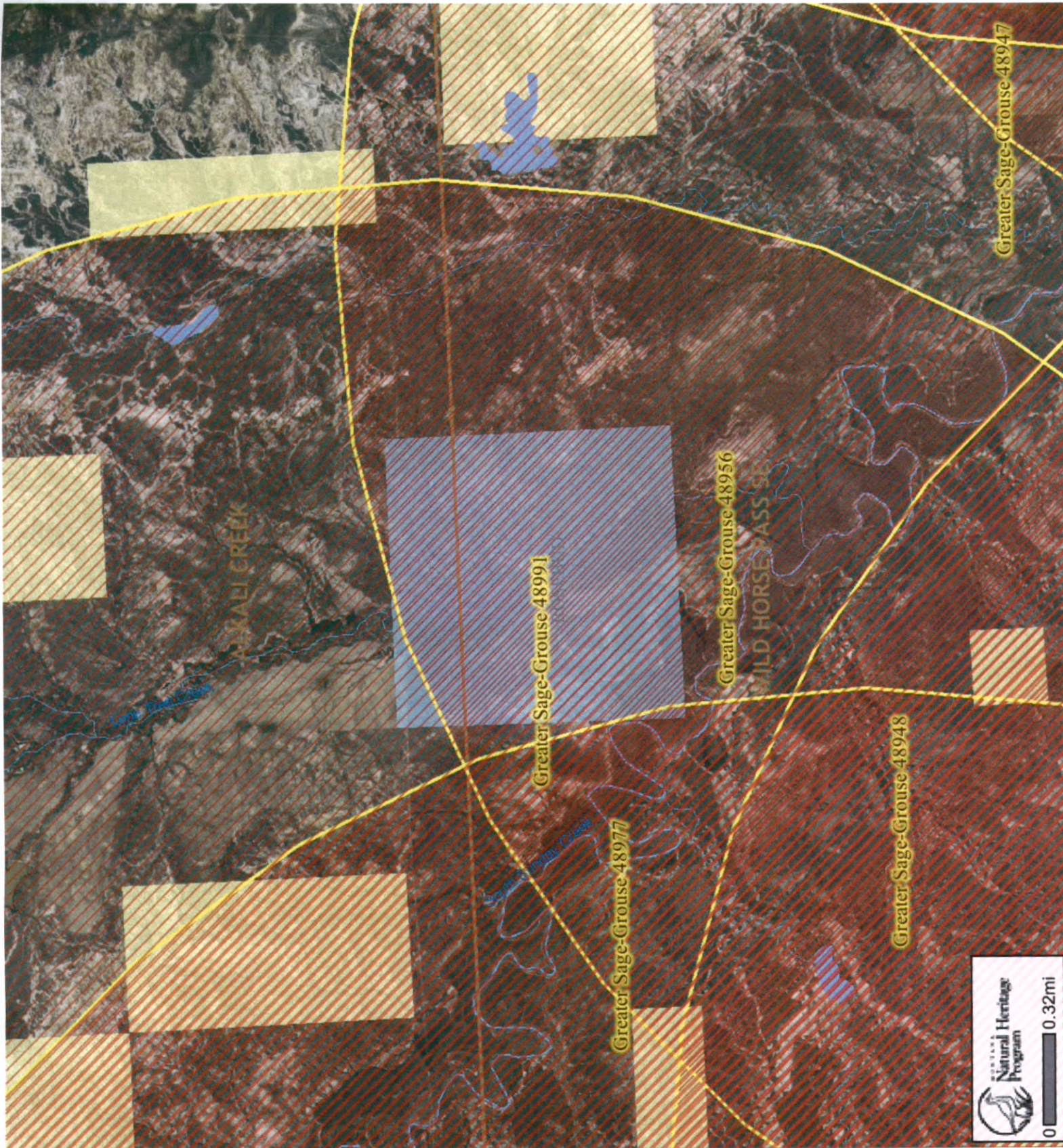
- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants



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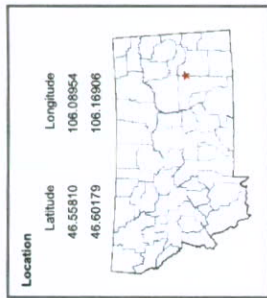
The Species Occurrence and Observation databases are a statewide inventory of known locations and conditions of species. The databases are not a comprehensive list of all species occurring in Montana. The absence of evidence is not evidence of absence. * Nor does the presence of one species imply that other species were surveyed for but not found.

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Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (SO)

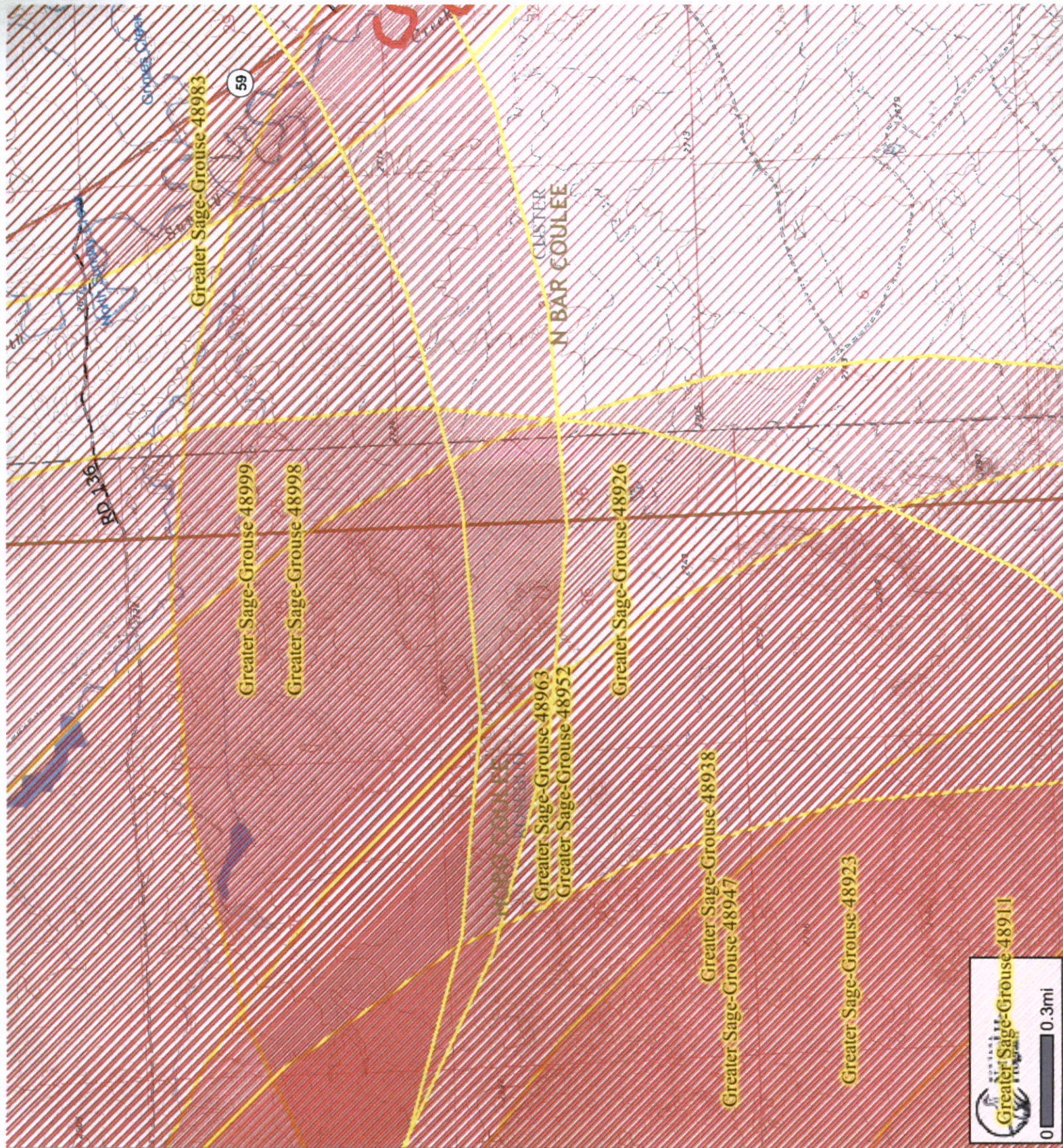
- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- Non Vascular Plants

ION-4HE-36

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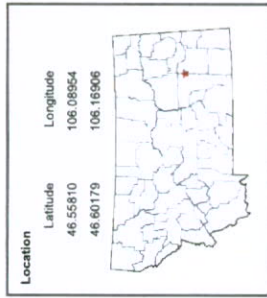
The Species Occurrence and Observation databases are a statewide inventory of KNOWN locations and conditions of sensitive species. Parts of the state have not yet been inventoried, thus an "absence of evidence is not evidence of absence." Nor does the presence of one species imply that other species were surveyed for but not found.

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Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (SO)

- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants

Public Lands (visible)

- BLM
- State of Montana

DISCLAIMER:
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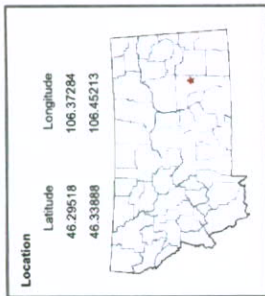
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Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (80)

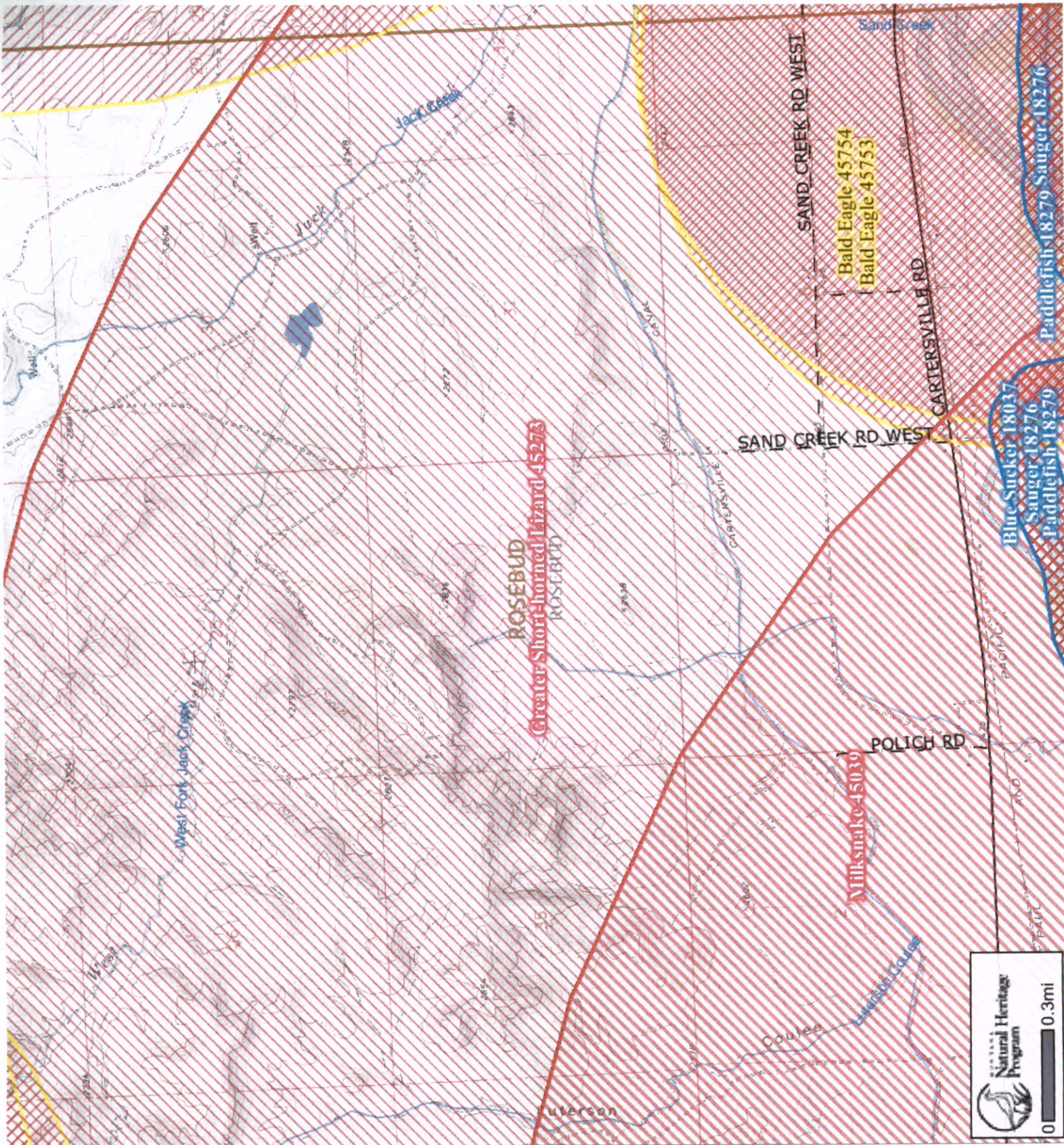
- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants

7N-42E-36

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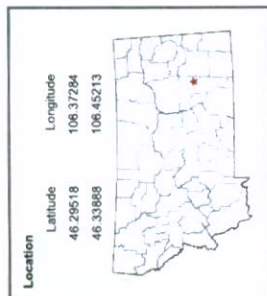
The Species Occurrence and Observation databases are a statewide inventory of known locations and conditions of species. This is not a comprehensive inventory of all species. The absence of evidence is not evidence of absence. * Nor does the presence of one species imply that other species were surveyed for but not found.

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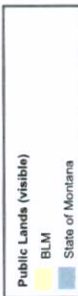
Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (SO)

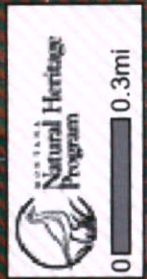
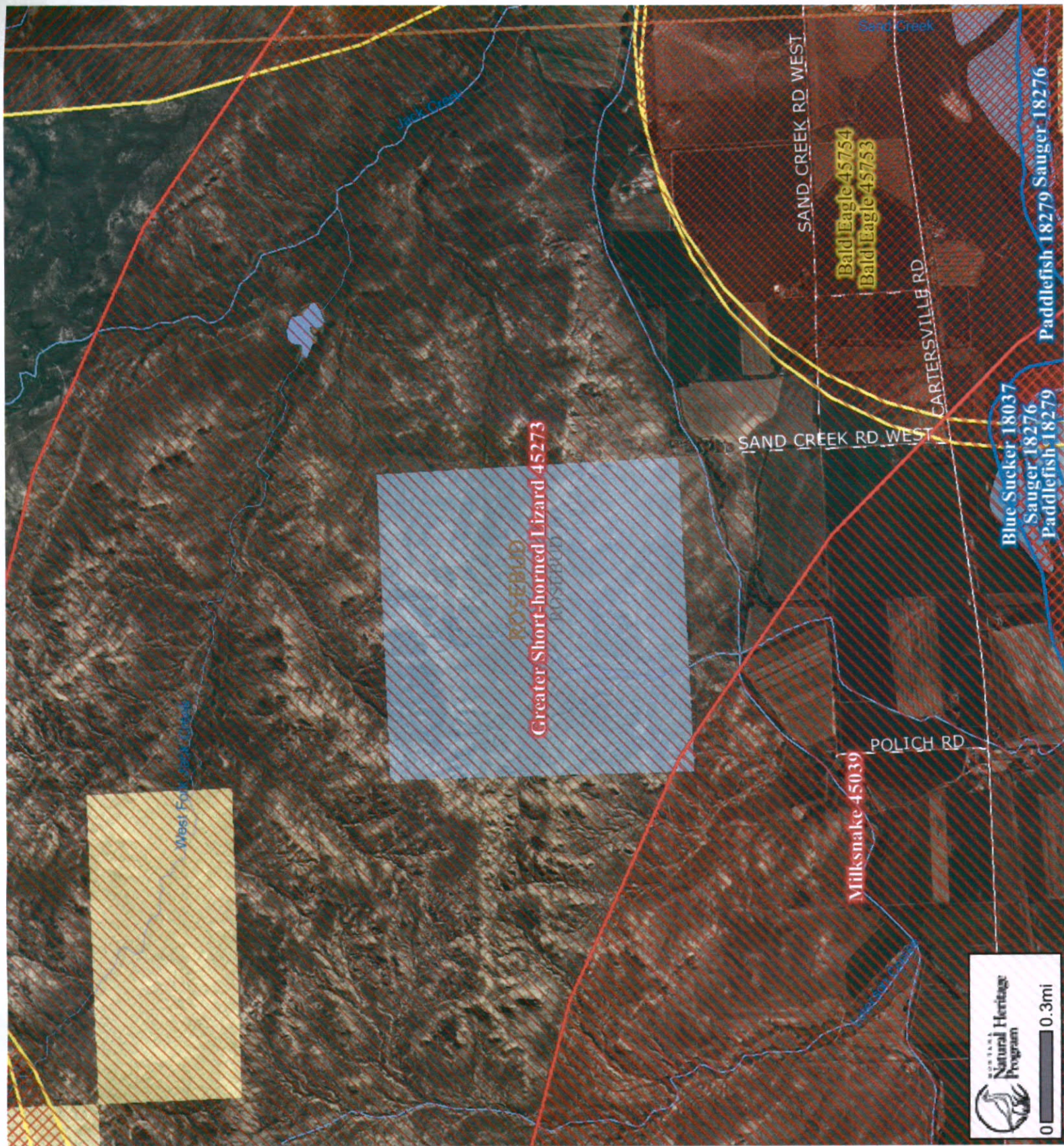
- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- Non Vascular Plants



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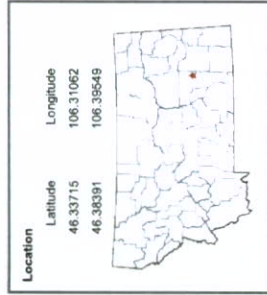
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Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (SO)

- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants

7N-43E-16

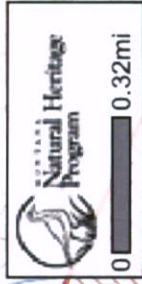
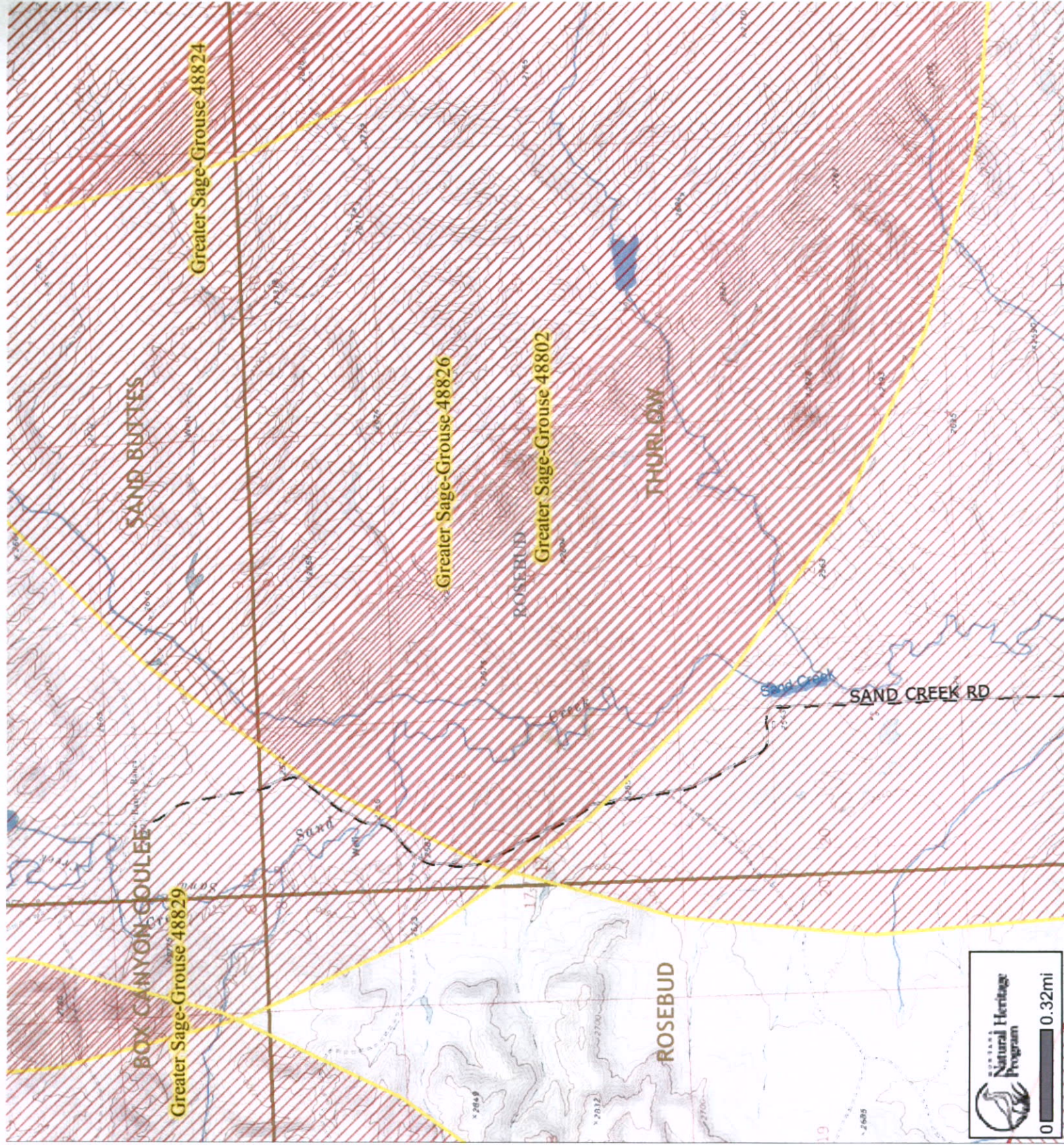
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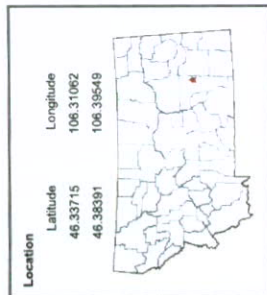
<http://mnhrp.org>

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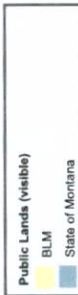
Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (SO)

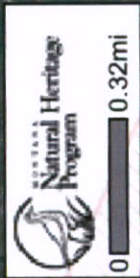
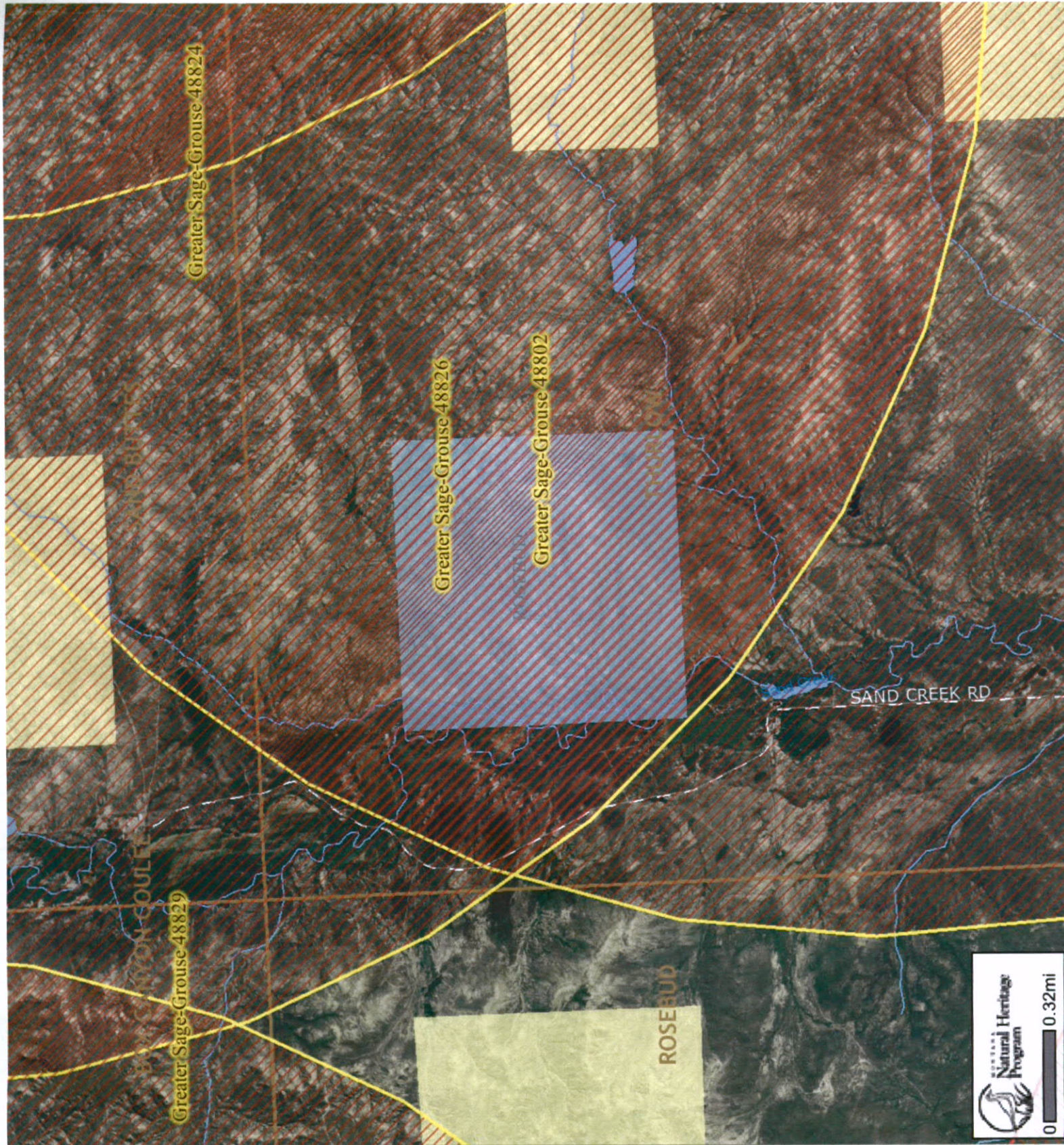
- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants



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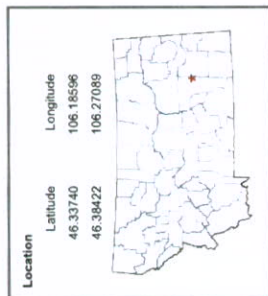
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Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (SO)

- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants

TN-44E-16

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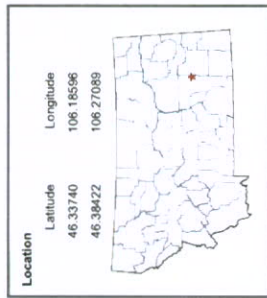
The Species Occurrence and Observation databases are a collaborative effort between the Tennessee Department of Environment and Conservation and the Tennessee Natural Heritage Program. Parts of the state have not been inventoried, thus an "absence of evidence is not evidence of absence." Nor does the presence of one species imply that other species were surveyed for but not found.

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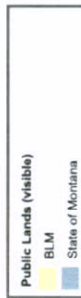
Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (SO)

- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- Non Vascular Plants



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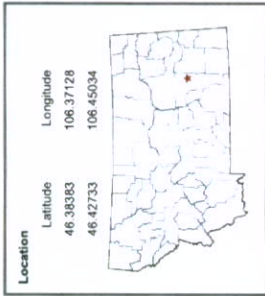
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Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (SO)

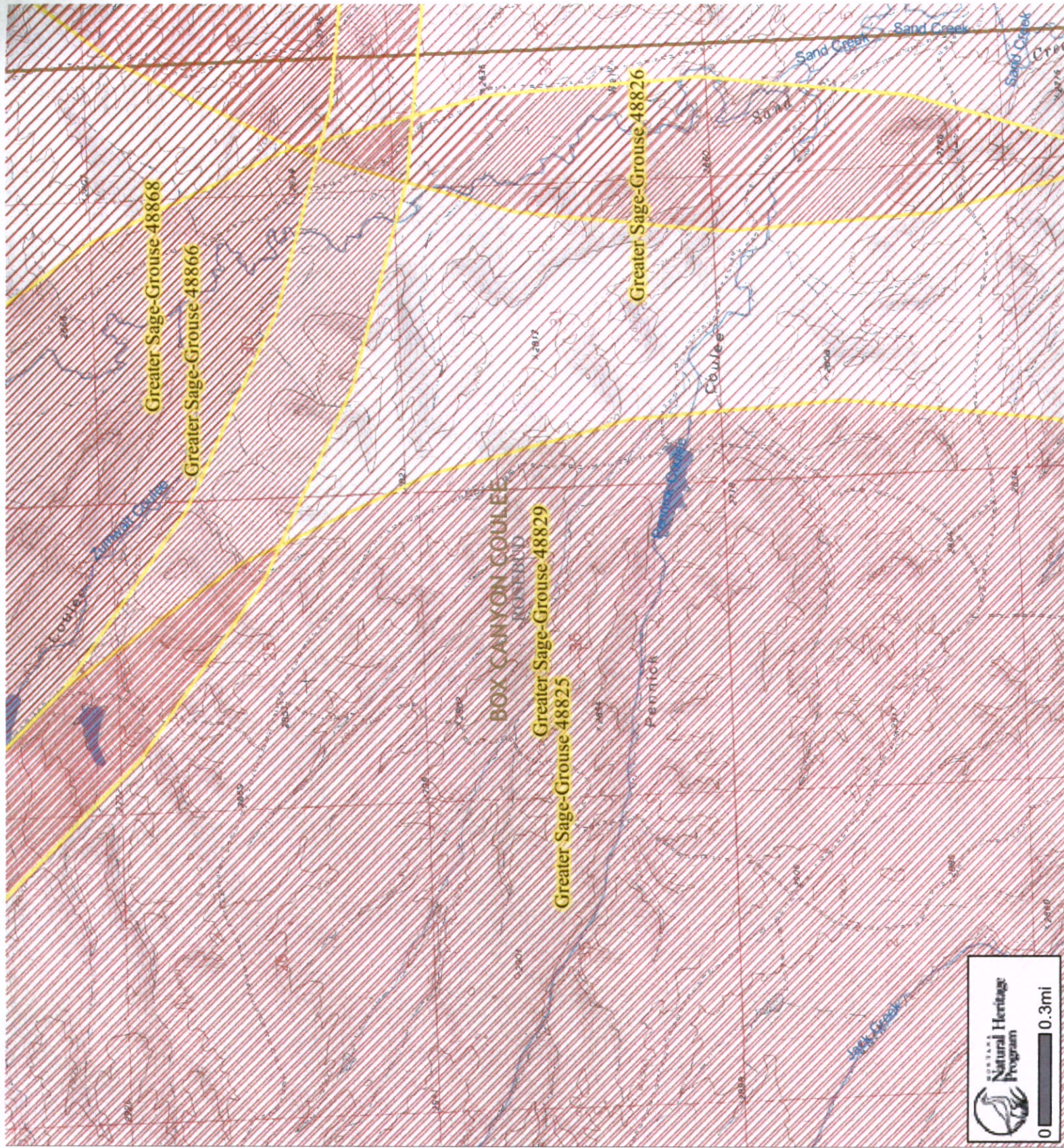
- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants

8N-42E-36

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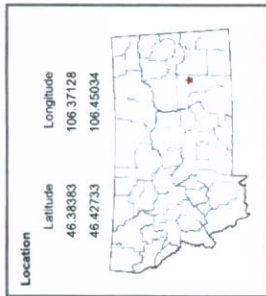
The Species Occurrence and Observation databases are a statewide inventory of KNOWN locations and conditions of sensitive species. Parts of the state have not yet been inventoried, thus an "absence of evidence is not evidence of absence." Private land areas are marked with a red outline. Other species were surveyed for but not found.

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Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (SO)

- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants



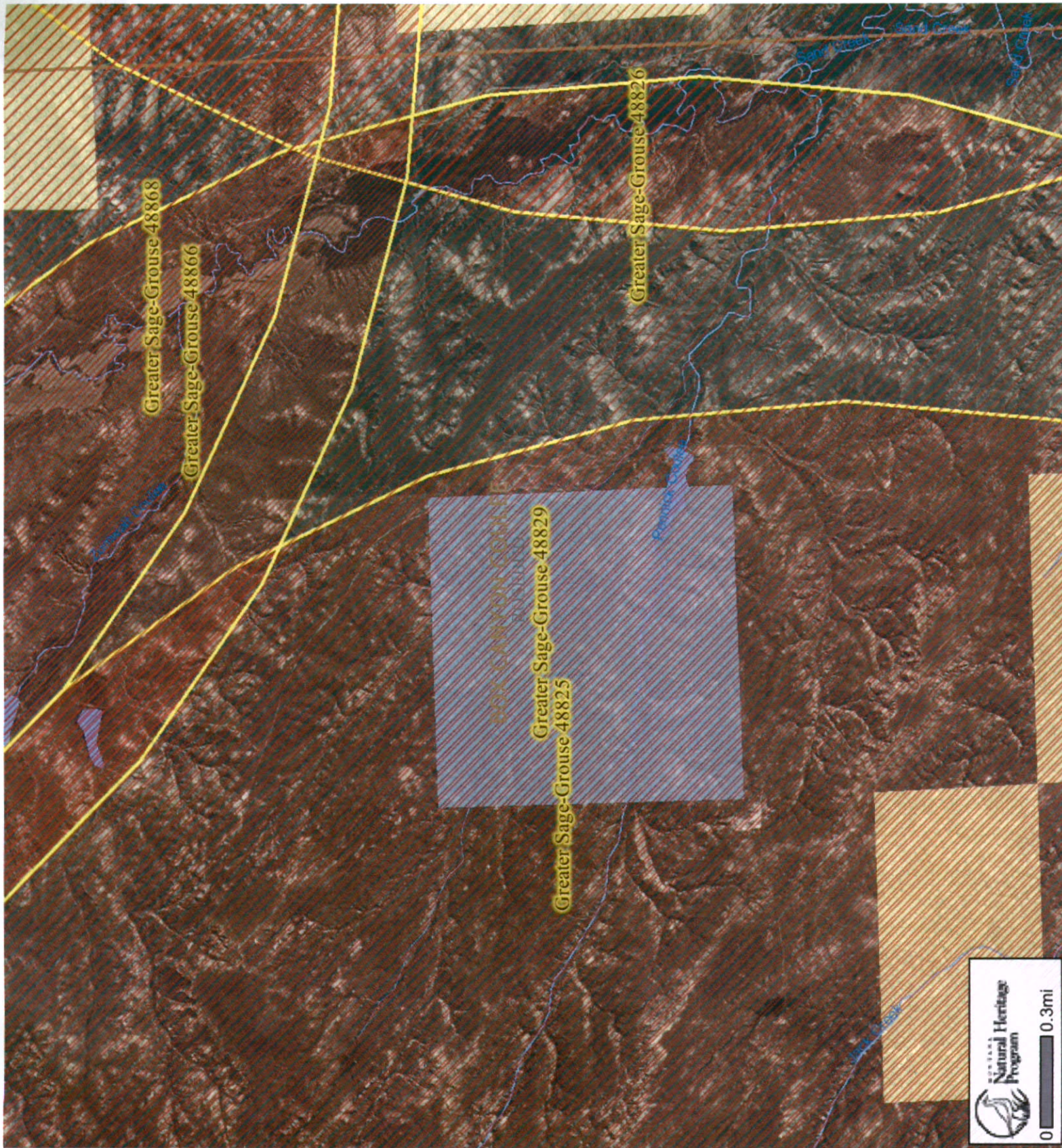
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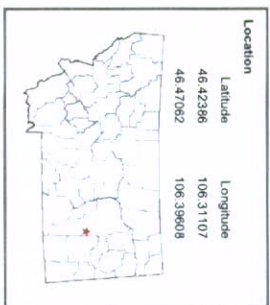
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Natural Heritage Tracker

All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates



- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants

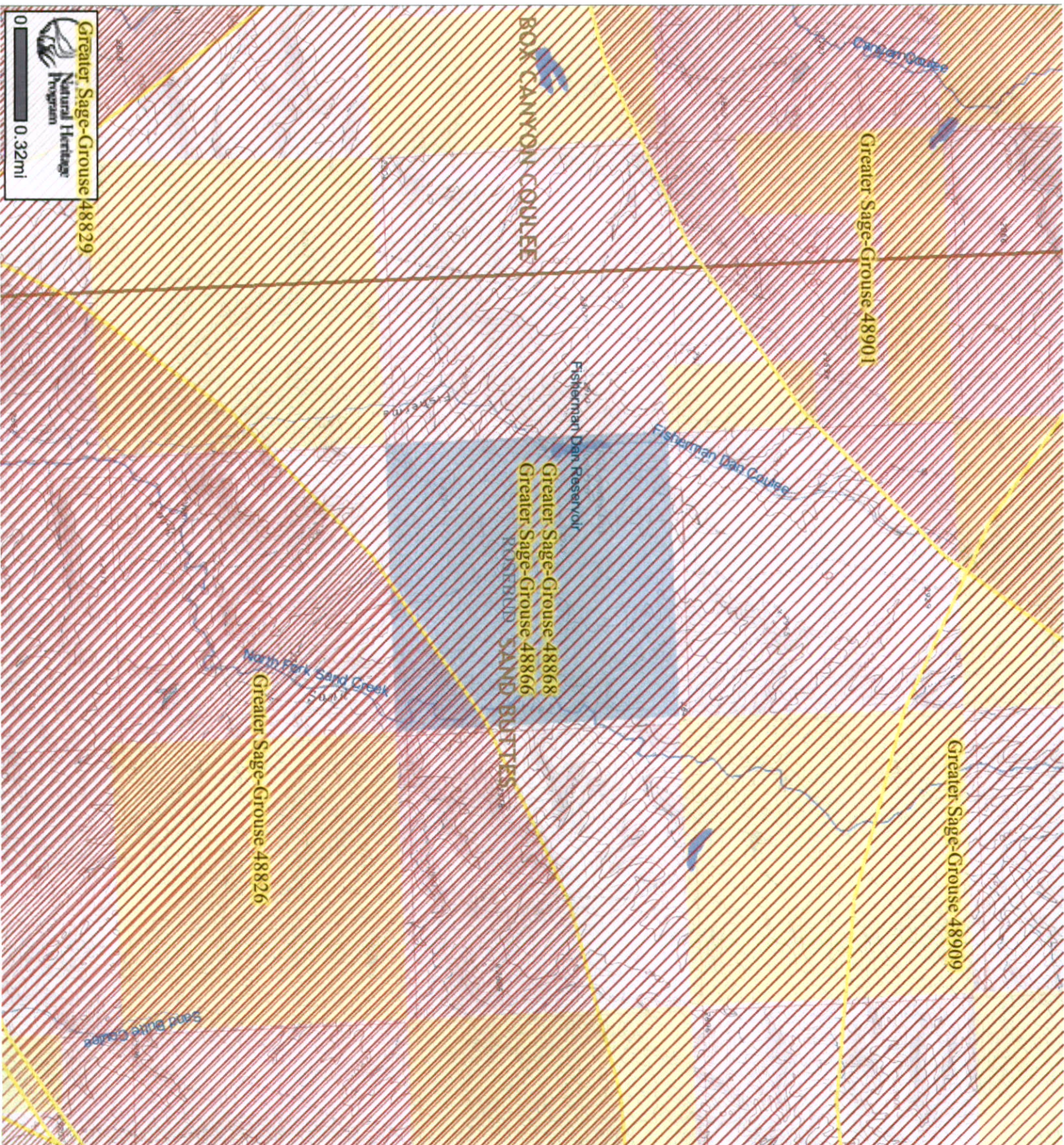


8N-43E-16

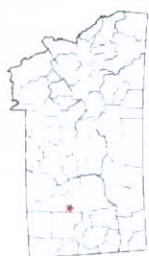
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*All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates*

Location

Species Occurrences (SO)

- Mammals
Birds
Reptiles
Amphibians
Fish
Invertebrates
Vascular Plants
NonVascular Plants

- Public Lands (visible)**
BLM
State of Montana

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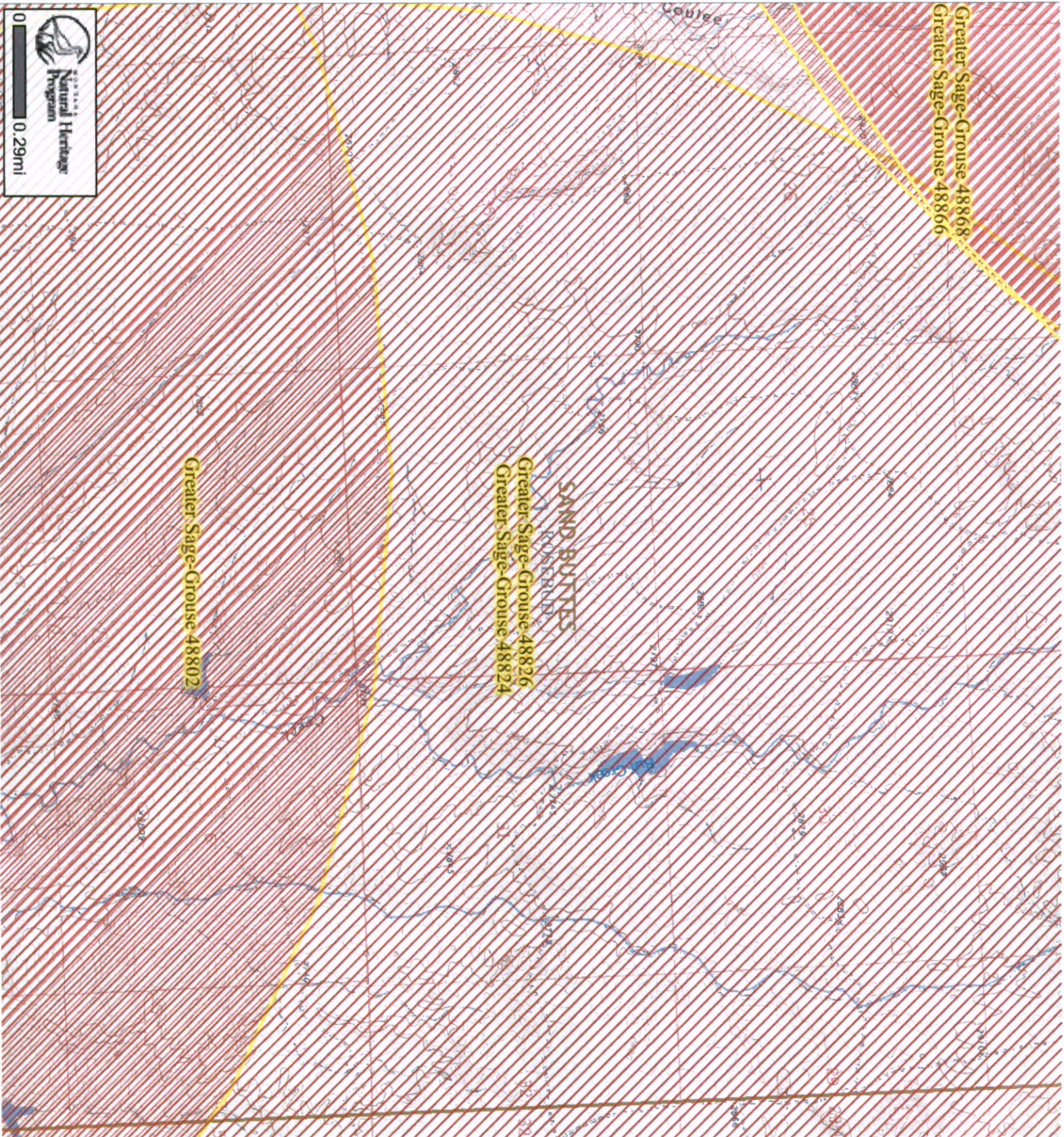
All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates

Location

Latitude	Longitude
46.38396	106.24714
46.27234	106.32592

- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - Non Vascular Plants

8N-43E-36



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Natural Heritage Tracker

All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates

Location

Latitude

46.30396

Longitude

106.24714

46.42734

106.32592

- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants

Public Lands (Visible)

BLM

State of Montana

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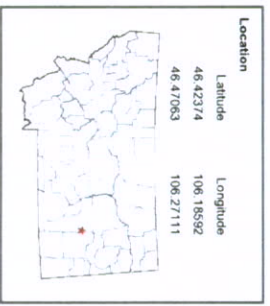
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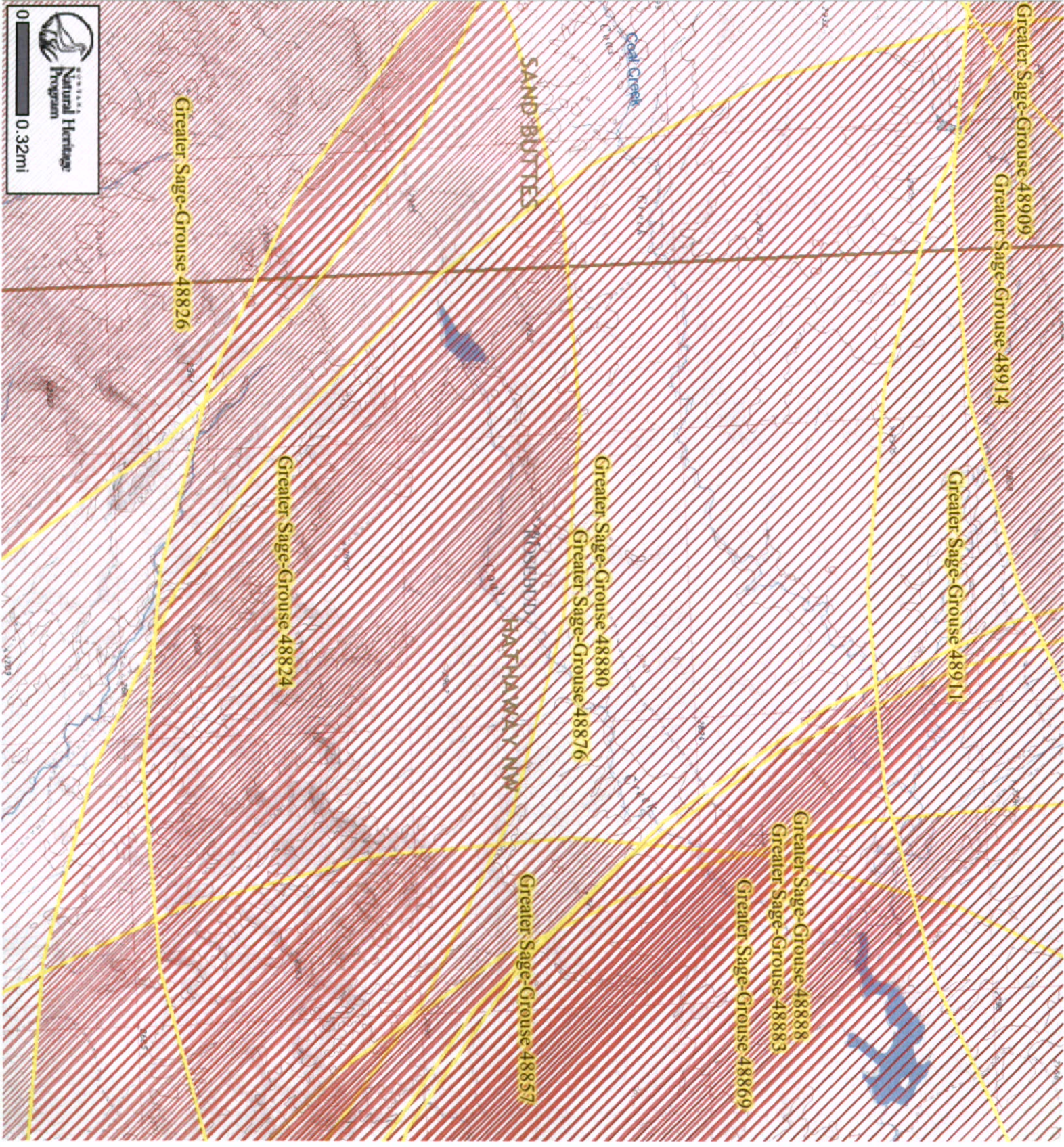
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All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates



- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants

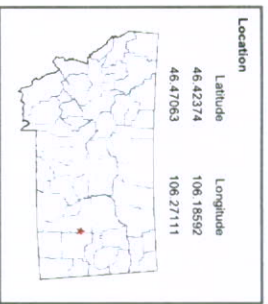
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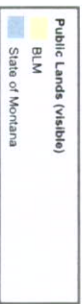
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Natural Heritage Tracker

All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates



- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - Non Vascular Plants



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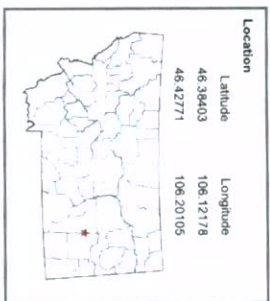
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Natural Heritage Tracker

All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates



- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants

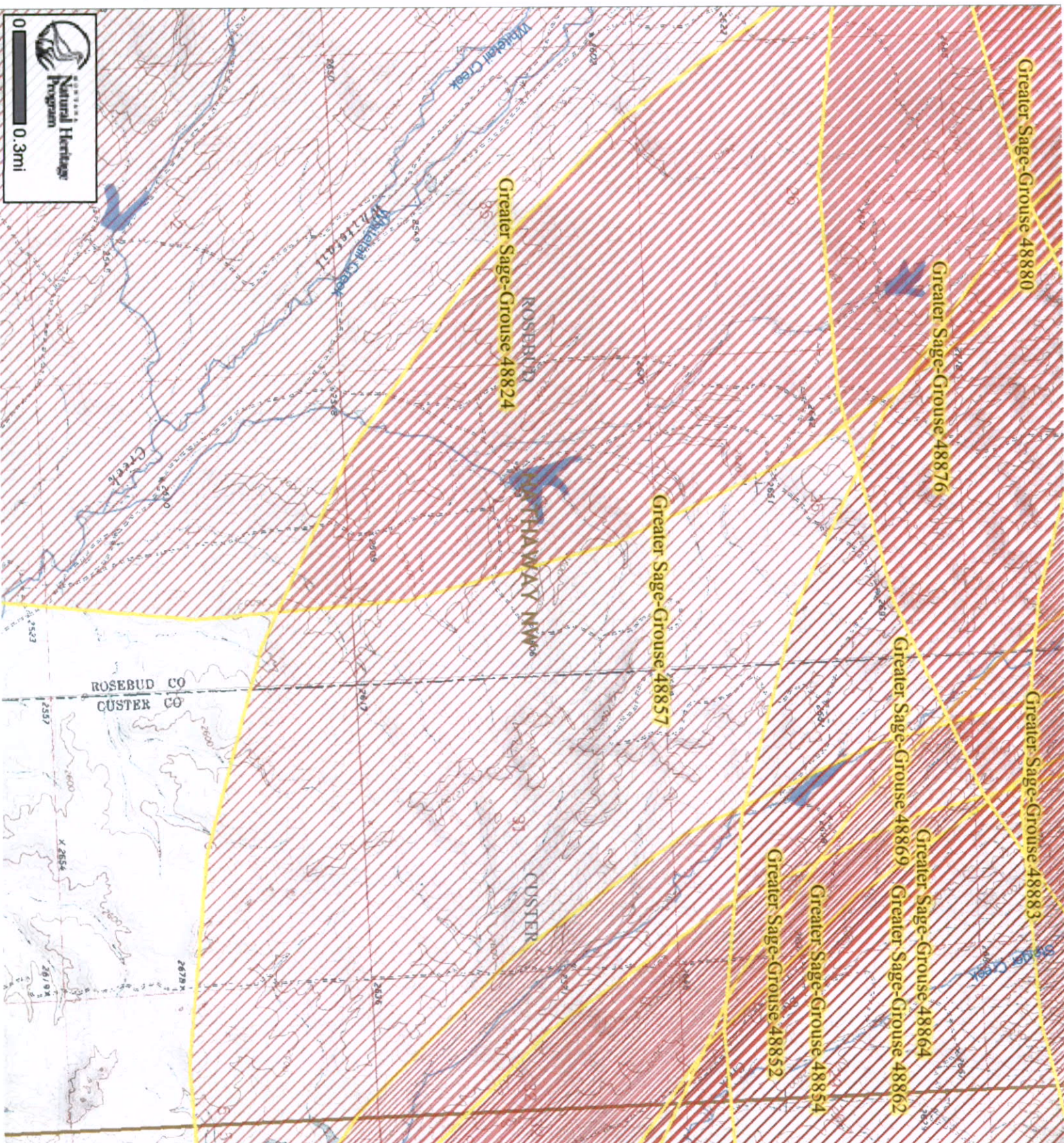
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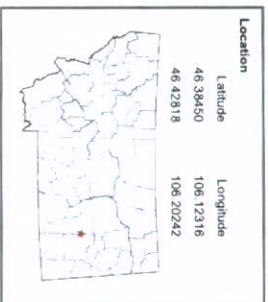
The Species Occurrence and Observation databases are a statewide inventory of KNOWN locations and conditions of sensitive species. Parts of the state have not yet been surveyed. The absence of a species from a location does not indicate that the species is not present. The presence of one species does not imply that other species were surveyed for but not found.

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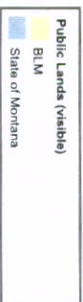


Natural Heritage Tracker

All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates



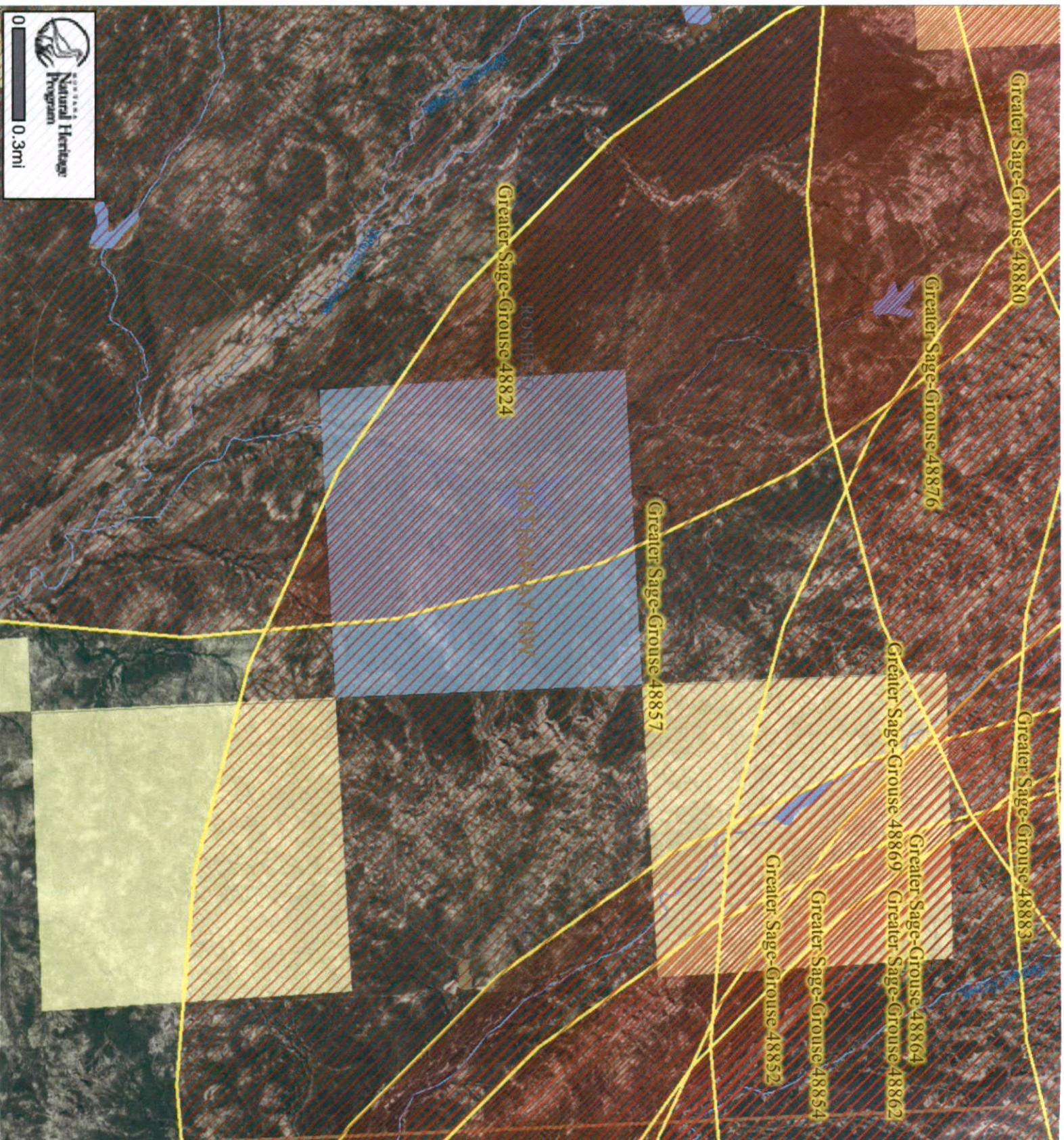
- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants



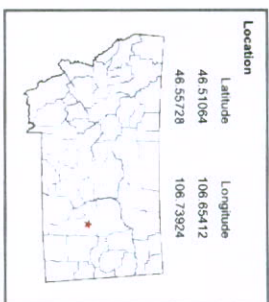
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All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates



Species Occurrences (SO)

- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants

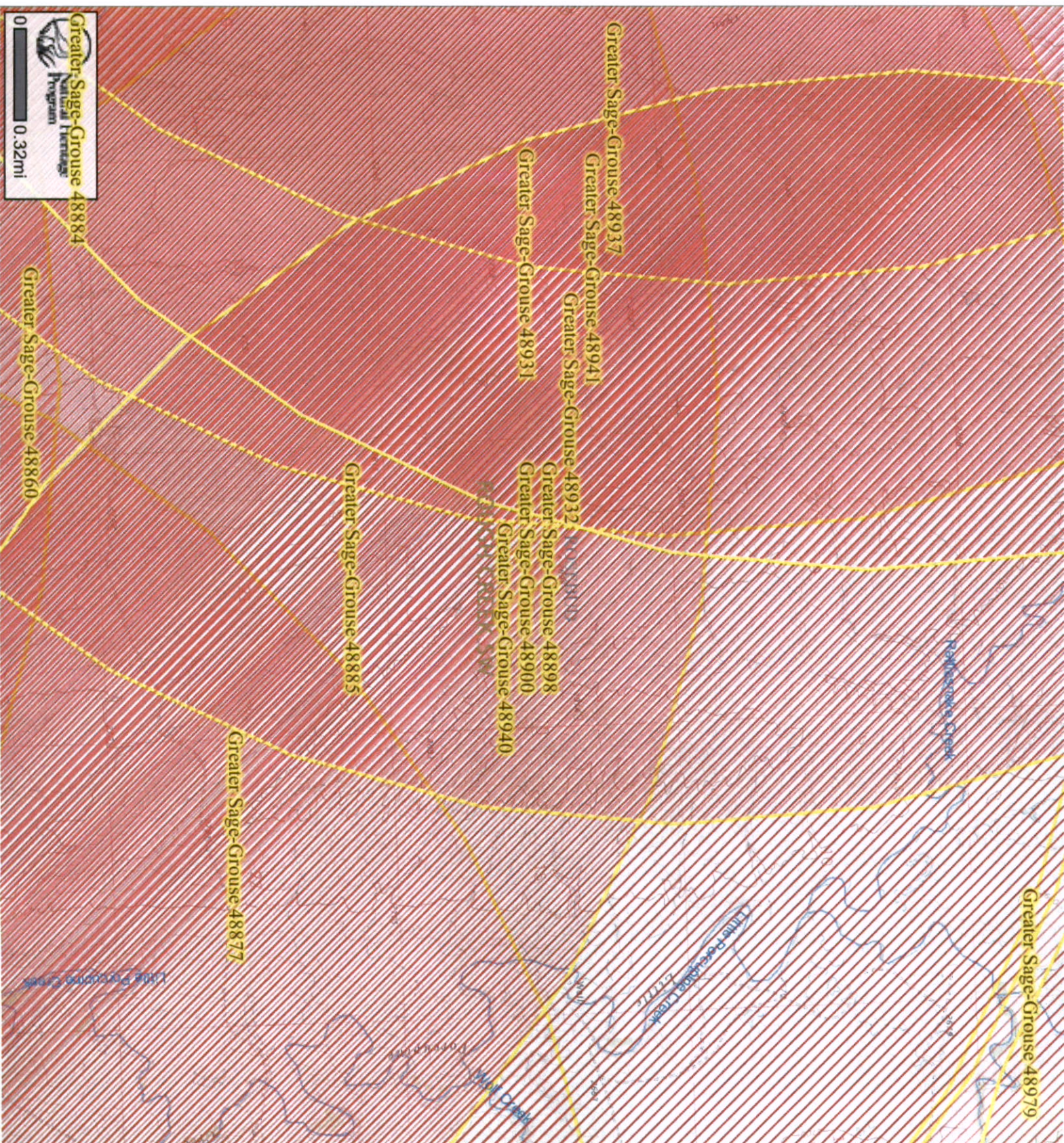
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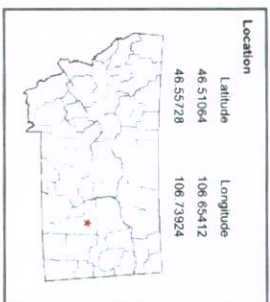
The Species Occurrence and Observation databases are a statewide inventory of KNOWN locations and conditions of sensitive species. Parts of the state have not yet been inventoried, thus an "absence of evidence is not evidence of absence." Nor does the presence of one species imply that other species were surveyed for but not found.

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Natural Heritage Tracker

All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates



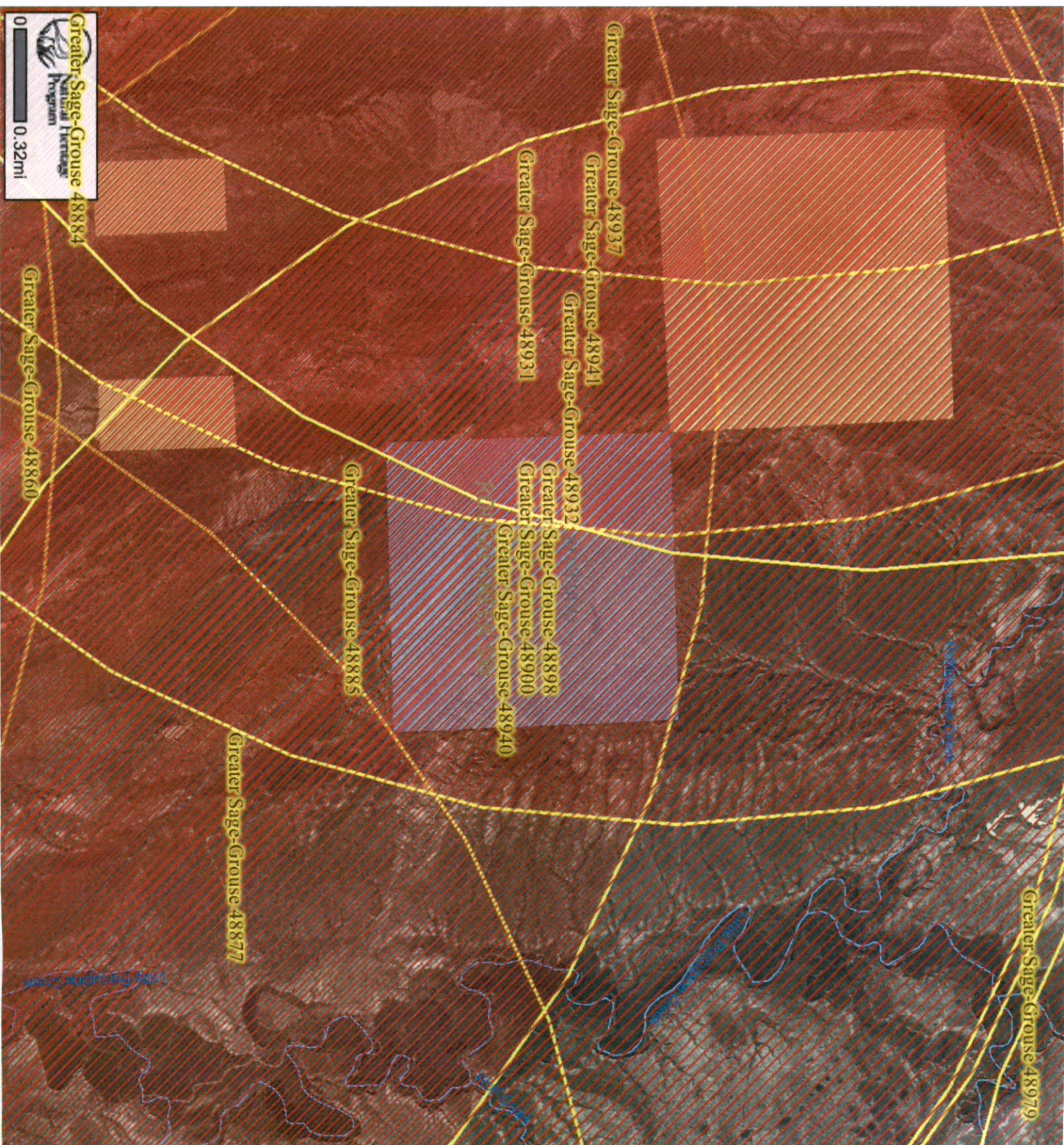
- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants



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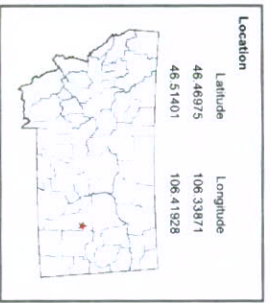
The Species Occurrence and Observation databases are a
snapshot in time of KNOWN locations and conditions of
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Natural Heritage Tracker

All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates



- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants

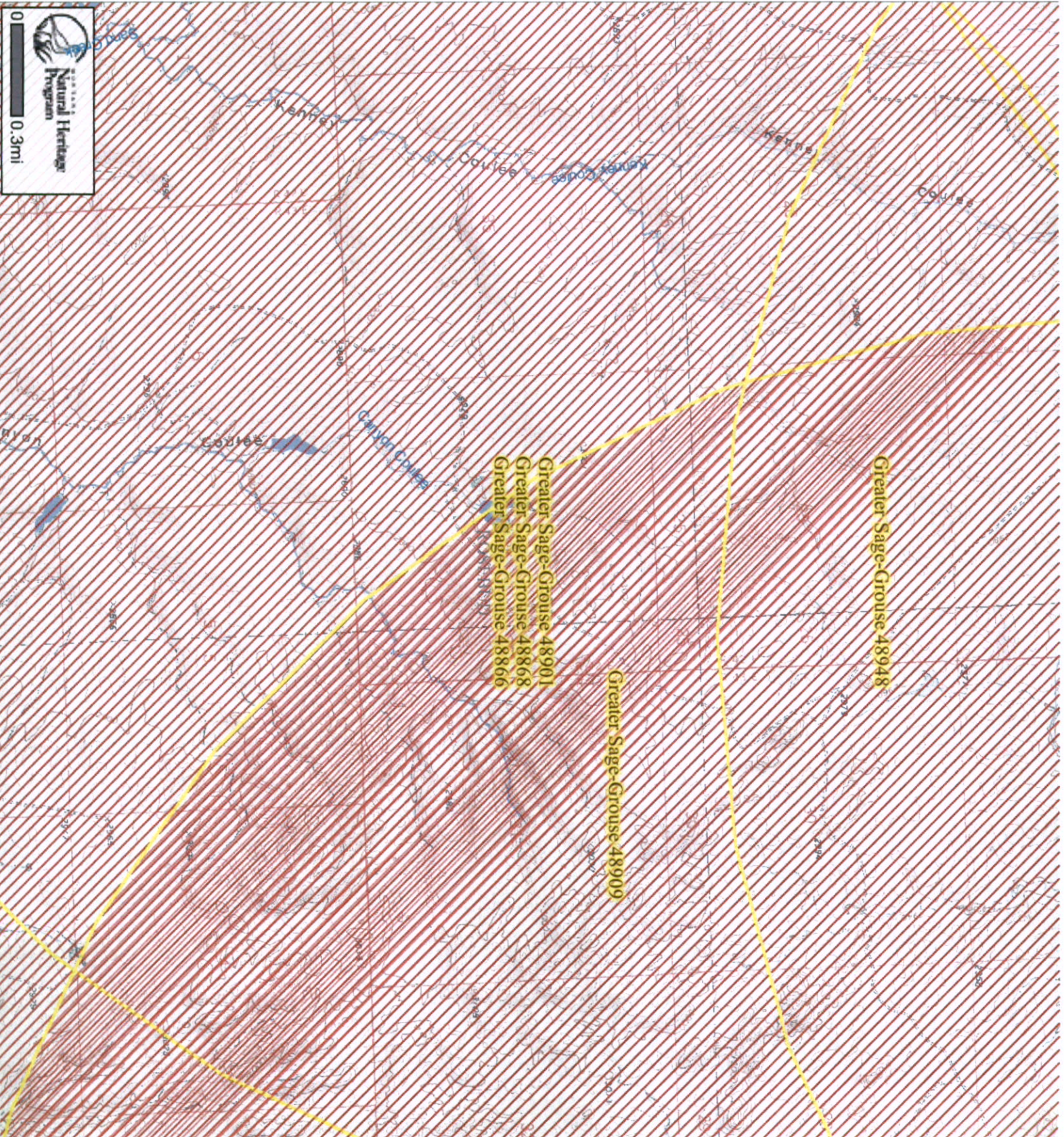
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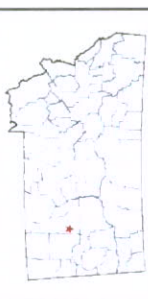
The Species Occurrence and Observation databases are a sensitive species. Parts of the state have not yet been inventoried, thus an absence of evidence is not evidence of absence. Nor does the presence of one species imply that other species were surveyed for but not found.

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All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates and All Vascular Plants and All NonVascular Plants

Location	
Latitude	Longitude
46.46975	106.33871
46.51401	106.41928



- Mammals
- Birds
- Reptiles
- Amphibians
- Fish
- Invertebrates
- Vascular Plants
- NonVascular Plants

BLM
State of Montana

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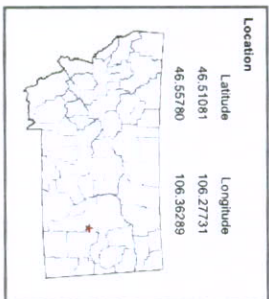
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All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates and All
Vascular Plants and All NonVascular
Plants



- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants

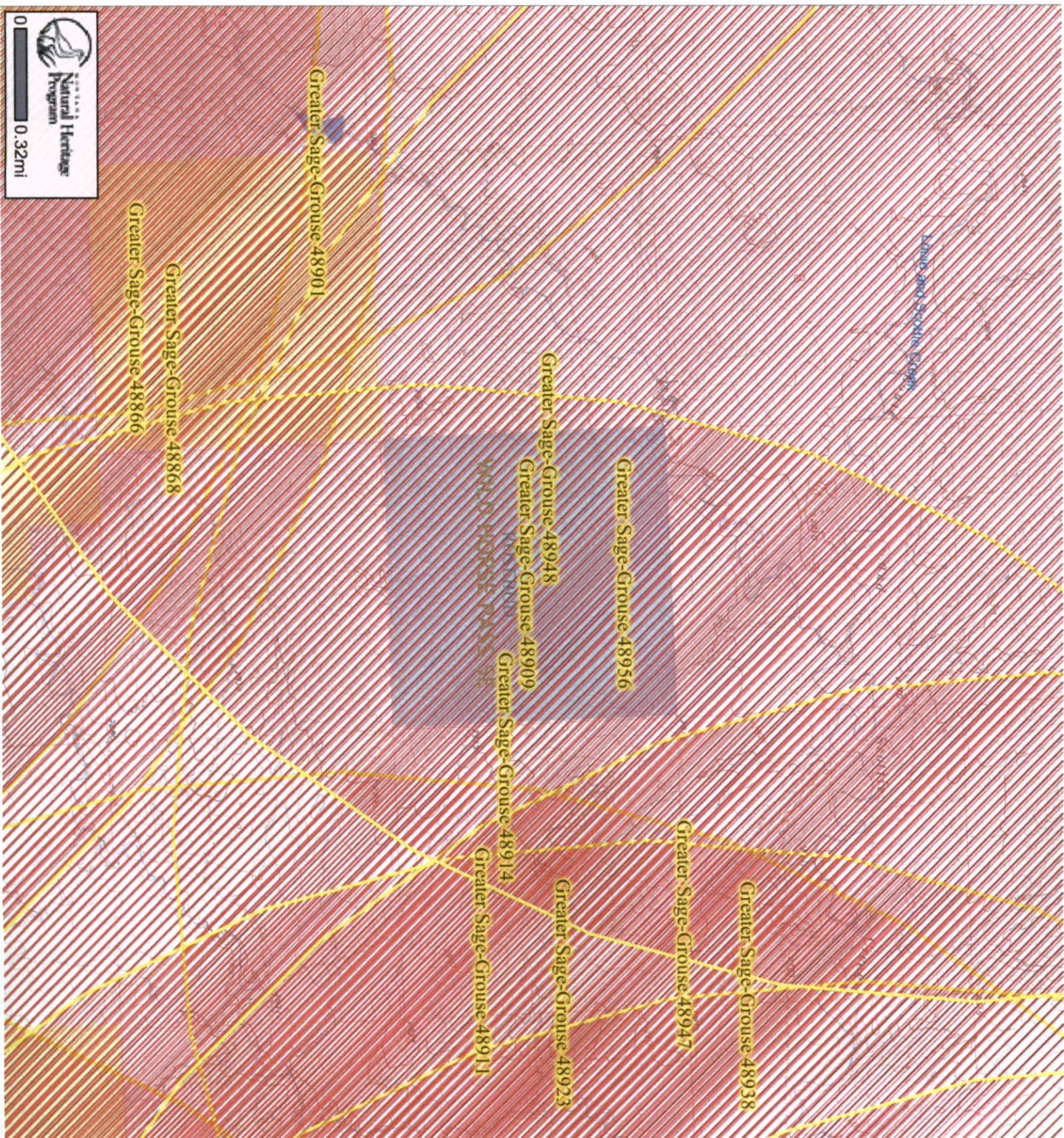


9N-43E-16

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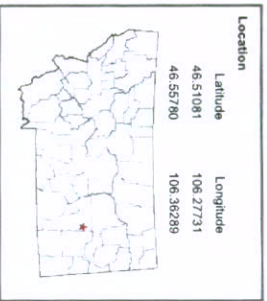
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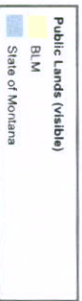


Natural Heritage Tracker

All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates and All
Vascular Plants and All NonVascular
Plants



- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants



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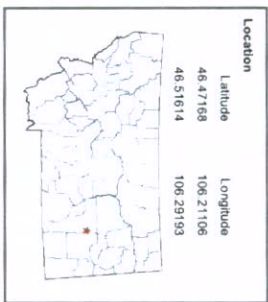
The Species Occurrence and Observation databases are a
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All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates and All
Vascular Plants and All NonVascular
Plants



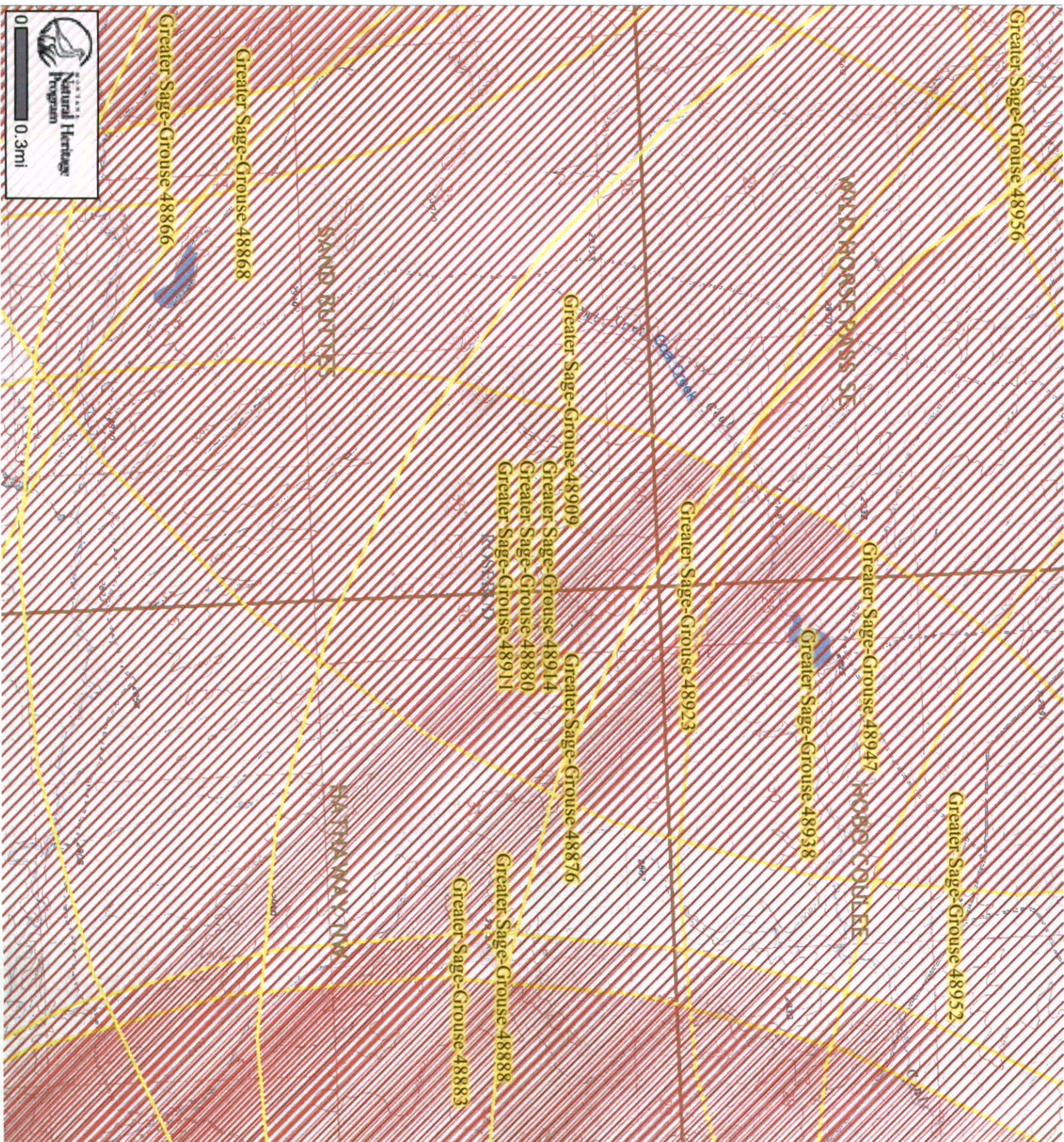
- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants

9N-43E-36

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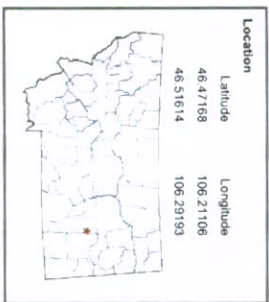
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Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates and All Vascular Plants and All NonVascular Plants



- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants



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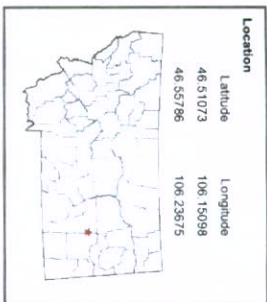
The Species Occurrence and Observation databases are a compilation of data from various sources, including field observations, museum collections, and other sources. The data is not exhaustive and may be incomplete. The presence of a species in the database does not imply that it is currently present in the area. The absence of a species does not imply that it is not present in the area. The data is for informational purposes only and should not be used for regulatory decision-making.

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Natural Heritage Tracker

All Mammals and All Birds and All Reptiles and All Amphibians and All Fish and All Invertebrates and All Vascular Plants and All Non Vascular Plants



- Species Occurrences (SO)
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants

9N-44E-16

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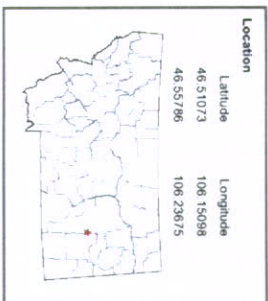
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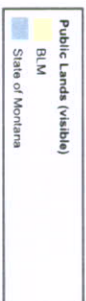


Natural Heritage Tracker

All Mammals and All Birds and All
Reptiles and All Amphibians and All
Fish and All Invertebrates and All
Vascular Plants and All NonVascular
Plants



- Species Occurrences (SO)**
- Mammals
 - Birds
 - Reptiles
 - Amphibians
 - Fish
 - Invertebrates
 - Vascular Plants
 - NonVascular Plants



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The Species Occurrence and Observation databases are a
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observations. The data is not exhaustive and all known
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all known species are not included. The data is not
exhaustive and all known species are not included.

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