

From: [Moeder, Linda J](#)
To: [Pettibone, Andrew L](#)
Cc: [Gilles, Benjamin M](#)
Subject: Re: Grizzly Ridge Bison Ranch Easement
Date: Wednesday, August 30, 2023 8:32:30 AM
Attachments: [Outlook-The Dept. .png](#)
[Outlook-The US Fis.png](#)
[image.png](#)
[image.png](#)
[image.png](#)
[image.png](#)
[image.png](#)
[GRBRanch_map.pdf](#)

Thanks for letting me know it's working. I added the line width of .5 per your request. Please let me know if you need any other changes.

From: Pettibone, Andrew L <andrew_pettibone@fws.gov>
Sent: Tuesday, August 29, 2023 6:48 PM
To: Moeder, Linda J <linda_moeder@fws.gov>
Cc: Gilles, Benjamin M <benjamin_gilles@fws.gov>
Subject: Re: Grizzly Ridge Bison Ranch Easement

The inset looks great. The only other thing I think we might add is a thin black or gray outline, maybe 0.5 or less, to the "Grizzly Ridge Bison Ranch" shapefile. I like that the pink is transparent enough to see landscape features but is blending in with the imagery. Just a little outline color to it to define the boundary really well will be helpful.

Thanks Linda, this will be very helpful.

Andrew Pettibone
U.S. Fish and Wildlife Service
Wetland District Manager
Benton Lake Wetland Management District
Cell: (406) 690-9202

From: Moeder, Linda J <linda_moeder@fws.gov>
Sent: Tuesday, August 29, 2023 4:33 PM
To: Pettibone, Andrew L <andrew_pettibone@fws.gov>
Cc: Gilles, Benjamin M <benjamin_gilles@fws.gov>
Subject: Re: Grizzly Ridge Bison Ranch Easement

Glad it's working for what you need.

Please look over the inset to ensure what I am showing for the tribal lands is what you had in mind.

Thanks

Appreciate it.
Linda

From: Pettibone, Andrew L <andrew_pettibone@fws.gov>
Sent: Tuesday, August 29, 2023 3:20 PM
To: Moeder, Linda J <linda_moeder@fws.gov>; Gilles, Benjamin M <benjamin_gilles@fws.gov>
Subject: Re: Grizzly Ridge Bison Ranch Easement

Looking good!

I like v2 better. The small zoomed in inset on that one cluster up north will be helpful.

Linda can we take the Blackfeet Reservation shapefile off the large map and only include that on the inset map? The cross hatching is not preferable on the large map. I understand why you did that since the large map is only showing reservation lands, but I think we can accomplish the same thing by only showing the tribal reservation boundary on the inset.

Thank you

Andrew Pettibone
U.S. Fish and Wildlife Service
Wetland District Manager
Benton Lake Wetland Management District
Cell: (406) 690-9202

From: Moeder, Linda J <linda_moeder@fws.gov>
Sent: Tuesday, August 29, 2023 12:10 PM
To: Pettibone, Andrew L <andrew_pettibone@fws.gov>; Gilles, Benjamin M <benjamin_gilles@fws.gov>
Subject: Re: Grizzly Ridge Bison Ranch Easement

Andrew,
Attached are two versions for you to pick and choose from.
I can take from one version and put it on the other, e.g. inset map or in one version I have a small inset zoomed to show the clustered modified fence crossings.
Please let me know what works for you and I'll accommodate as best as I can.

Thanks
Linda

From: Pettibone, Andrew L <andrew_pettibone@fws.gov>

Sent: Monday, August 28, 2023 4:47 PM

To: Moeder, Linda J <linda_moeder@fws.gov>; Gilles, Benjamin M <benjamin_gilles@fws.gov>

Subject: Re: Grizzly Ridge Bison Ranch Easement

Linda,

We do not need to see other FWS interests on the map, just display the GRBR easement please.

We don't need a break down of individual tracts for the ranch, you can represent as one ranch tract.

3'X4' Poster size would be great.

For background, the most useful would be the imagery w/ labels. Perhaps increase the transparency on the easement shapefile so we can see a bit of imagery behind that shapefile if possible.

Looking great, thanks Linda!

Andrew Pettibone
U.S. Fish and Wildlife Service
Wetland District Manager
Benton Lake Wetland Management District
Cell: (406) 690-9202

From: Moeder, Linda J <linda_moeder@fws.gov>

Sent: Monday, August 28, 2023 4:43 PM

To: Pettibone, Andrew L <andrew_pettibone@fws.gov>; Gilles, Benjamin M <benjamin_gilles@fws.gov>

Subject: Re: Grizzly Ridge Bison Ranch Easement

Andrew,

Few questions.

Do you want to see other FWS interests e.g., easements, on the map or only the Grizzly Range Bison Ranch easement?

For the GRBR ownership, do you want to see all their individual tracts or can I represent that as one entirety?

Poster for me is 3'x4', is this what you have in mind?

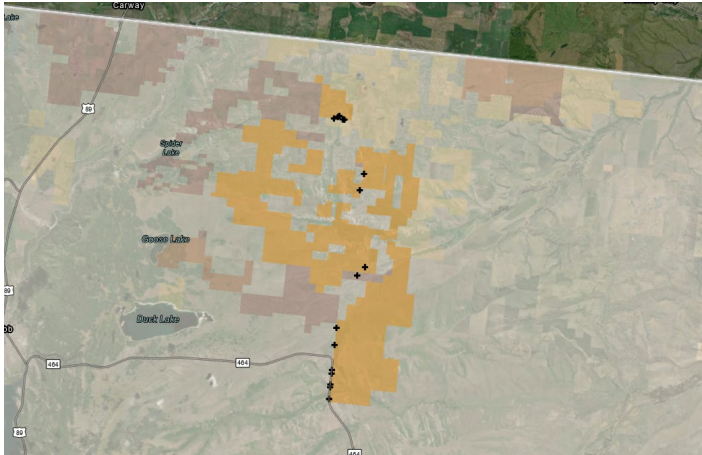
Some choices for backgrounds (depending on what your intent is) and shows light yellowish for existing easements. Darker orangish is the GRBR easement and pinkish is

the GRBR ownership (no outlines)

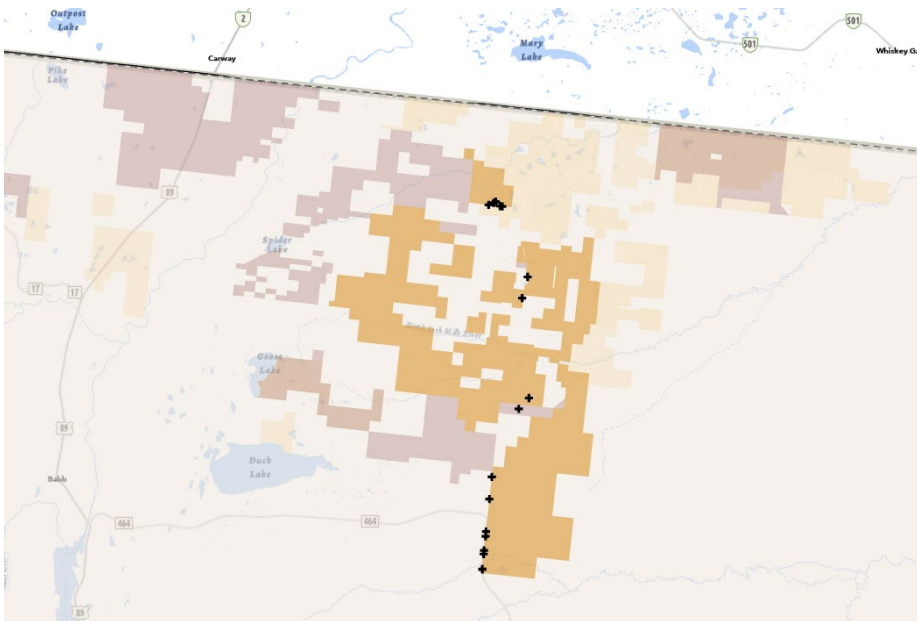
I'm open to coloring of your preference if you have any. The reservation is in a very light tan but I'd adjust that to go w/ the current coloring

Also would label it along w/ Canada etc..

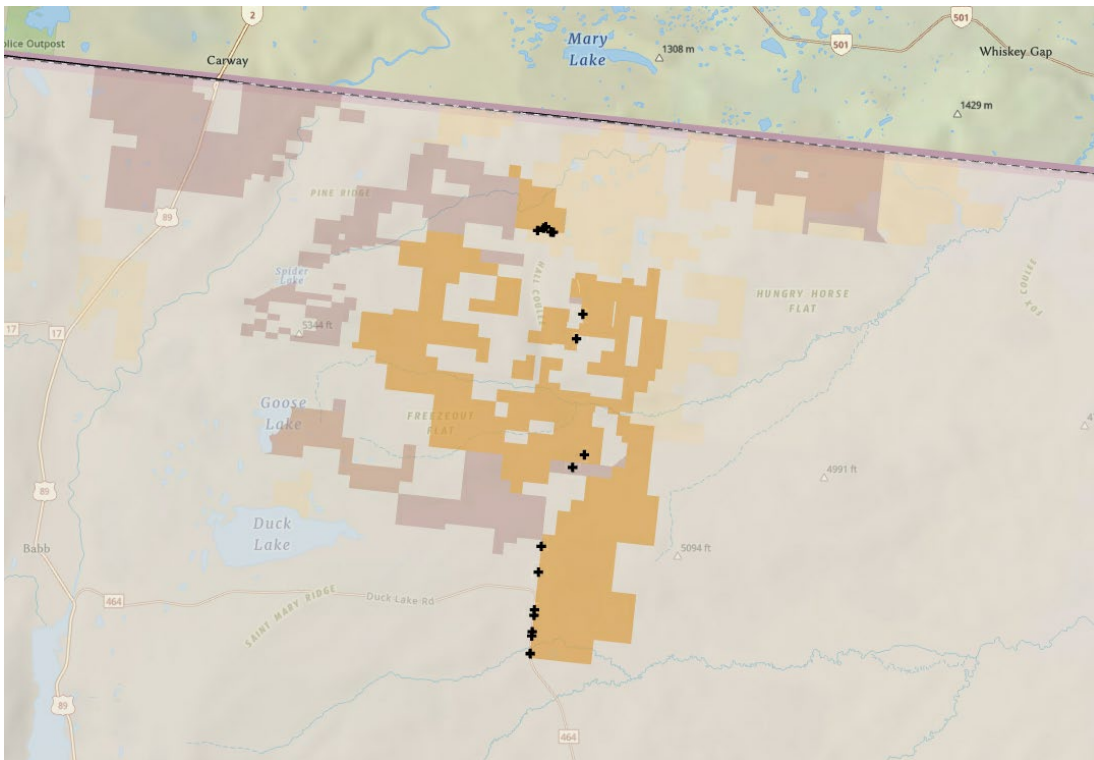
Imagery w/ labels



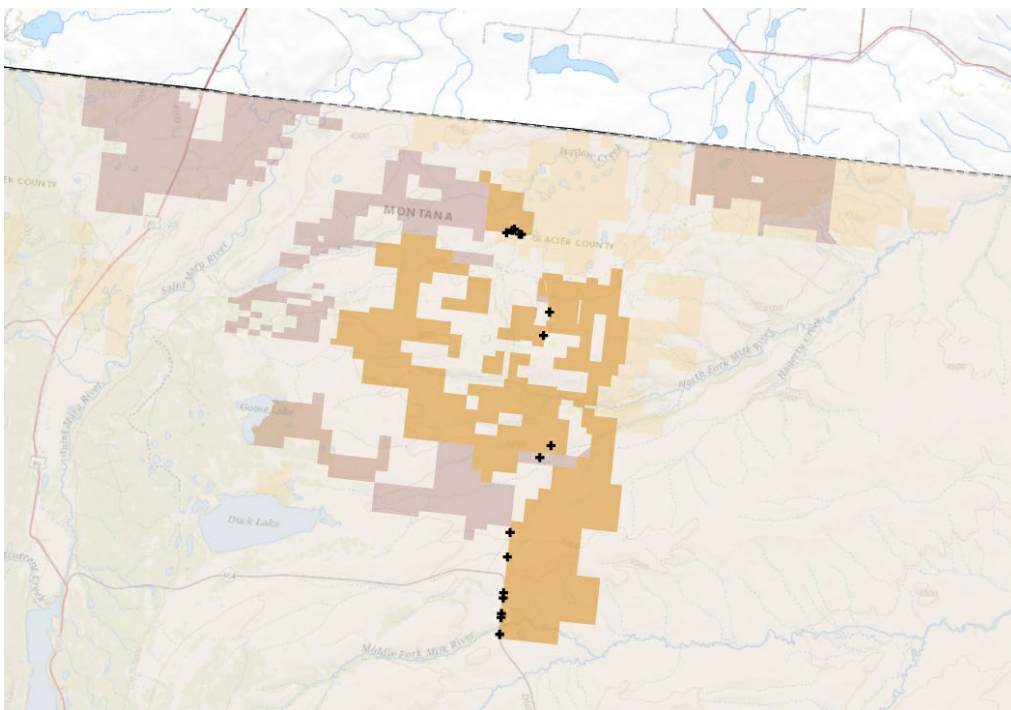
Vector Tile basemap:



National Geographic type background:



This is my usual go to the only bad thing w/ this is I cannot remove the word MONTANA that runs thru the top center.



From: Pettibone, Andrew L <andrew_pettibone@fws.gov>
Sent: Monday, August 28, 2023 9:29 AM
To: Moeder, Linda J <linda_moeder@fws.gov>; Gilles, Benjamin M <benjamin_gilles@fws.gov>
Subject: Re: Grizzly Ridge Bison Ranch Easement

Very good. Here's a shapefile for the Blackfeet tribal boundary.

Andrew Pettibone
U.S. Fish and Wildlife Service
Wetland District Manager
Benton Lake Wetland Management District
Cell: (406) 690-9202

From: Moeder, Linda J <linda_moeder@fws.gov>
Sent: Monday, August 28, 2023 9:06 AM
To: Pettibone, Andrew L <andrew_pettibone@fws.gov>; Gilles, Benjamin M <benjamin_gilles@fws.gov>
Subject: Re: Grizzly Ridge Bison Ranch Easement

Good news! Yes please send your tribal boundary shapefile as I think it would be best to use the one you know.
Thanks!

From: Pettibone, Andrew L <andrew_pettibone@fws.gov>
Sent: Monday, August 28, 2023 8:59 AM
To: Moeder, Linda J <linda_moeder@fws.gov>; Gilles, Benjamin M <benjamin_gilles@fws.gov>
Subject: Re: Grizzly Ridge Bison Ranch Easement

Morning Linda,

You're very welcome, thank you for the assistance. The screen shot you have of the surrounding area is perfect! That captures everything we need to aid in the communication.

It would also be more helpful if the inset was Glacier county with the Blackfeet tribal boundary rather than the state. If you need the tribal boundary shapefile, let me know.

Thank you,

Andrew Pettibone
U.S. Fish and Wildlife Service
Wetland District Manager
Benton Lake Wetland Management District
Cell: (406) 690-9202

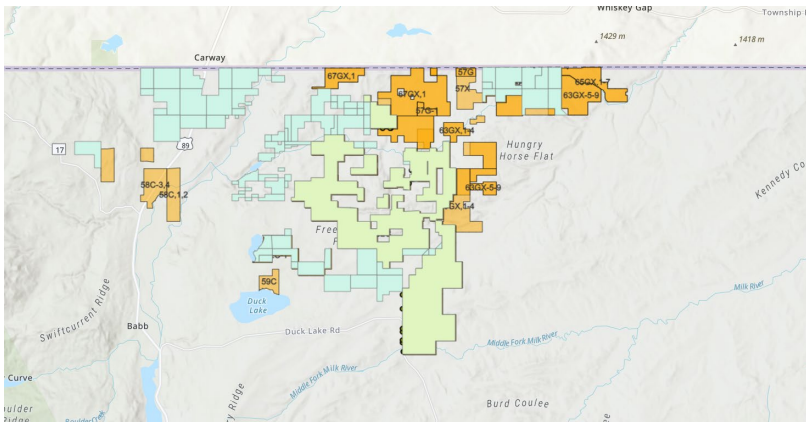
From: Moeder, Linda J <linda_moeder@fws.gov>
Sent: Monday, August 28, 2023 8:48 AM
To: Pettibone, Andrew L <andrew_pettibone@fws.gov>; Gilles, Benjamin M <benjamin_gilles@fws.gov>
Subject: Re: Grizzly Ridge Bison Ranch Easement

Andrew,

I really appreciate you taking time to be very specific about what you need, it helps me tremendously.

One thing I haven't asked is how much of the surrounding area you want to see?

Quick screen shot (NOT the map). Would this be enough for the main content of the map? Asking in case you want or need to show more area. I will put in an inset showing where that area is in relation to the the State.



From: Pettibone, Andrew L <andrew_pettibone@fws.gov>

Sent: Saturday, August 26, 2023 6:18 AM

To: Moeder, Linda J <linda_moeder@fws.gov>; Gilles, Benjamin M <benjamin_gilles@fws.gov>

Subject: Re: Grizzly Ridge Bison Ranch Easement

Hi Linda,

We would like to display on a large map, that I would print off of our plotter; an ownership layer for the Grizzly Ridge Ranch, the easement layer, and a layer displaying locations of fence crossings. Ideally we would use this map as a visual to assist with communications to RO leadership, use this map to assist with communication with our local tribal partners, and use this with the ranch managers to identify existing and additional fence crossings. We will meet Thursday Aug 31st and will need the map no later than Wednesday early afternoon.

I'm reaching out for help to make this a professional looking map. I can provide the layers and do a little in Arc, but making "nice" maps is not my forte.

Linda if for any reason you just don't have the time to get this one knocked out by Wednesday, just let me know and I'll use what I can for Thursday's meeting and take the nice one for later. We know that additional fence crossings will be placed. If it's possible I'd like to have the project file to update this map down the road a year from now or multiple years from now.

I have attached 3 shapefiles. One is the Ranch's ownership layer, one is the easement layer,

and the other is the fence crossing layer.

A large portion of the ranch is not under easement, particularly the NW portions of the ranch. I would like to have one map that displays the entire ranch ownership and shows what is under easement (Glacier 62C) and not under easement, but I would also like to have a map that zooms in on just the easement portion so we can mark up on this map where additional fence crossings will be placed.

I'm in and out, but very reachable by cell.

Thank you,

Andrew Pettibone
U.S. Fish and Wildlife Service
Wetland District Manager
Benton Lake WMD
Cell: (406) 690-9202

From: Moeder, Linda J <linda_moeder@fws.gov>
Sent: Friday, August 25, 2023 8:58 AM
To: Gilles, Benjamin M <benjamin_gilles@fws.gov>; Douglas, Aubin A <aubin_douglas@fws.gov>
Cc: Pettibone, Andrew L <andrew_pettibone@fws.gov>
Subject: Re: Grizzly Ridge Bison Ranch Easement

Hi Ben,
Thanks for clarifying at timeline, I will work on this as Andrew and I touched base on this area in an earlier discussion.

Linda

From: Gilles, Benjamin M <benjamin_gilles@fws.gov>
Sent: Thursday, August 24, 2023 6:23 PM
To: Douglas, Aubin A <aubin_douglas@fws.gov>; Moeder, Linda J <linda_moeder@fws.gov>
Cc: Pettibone, Andrew L <andrew_pettibone@fws.gov>
Subject: Re: Grizzly Ridge Bison Ranch Easement

So this isn't related to the high divide CA, it's an easement that we have up along the Canadian border with a large ranch. It doesn't need to be done tomorrow, but if you could get done next week, that would be great.

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From: Douglas, Aubin A <aubin_douglas@fws.gov>
Sent: Thursday, August 24, 2023 5:13:17 PM

To: Gilles, Benjamin M <benjamin_gilles@fws.gov>; Moeder, Linda J <linda_moeder@fws.gov>
Cc: Pettibone, Andrew L <andrew_pettibone@fws.gov>
Subject: Re: Grizzly Ridge Bison Ranch Easement

Hi Ben!

I'm happy to help but I believe Linda has been tackling the High Divide/MO Headwaters project (which is what I'm guessing this request is for? correct me if this is for something else). How time-sensitive is this request?

Best,
Aubin

Aubin Douglas (she /her /hers)
Cartographer & Realty TRACT Team Coordinator
Division of Realty | Mountain-Prairie Region 6 | U.S. Fish & Wildlife Service



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From: Gilles, Benjamin M <benjamin_gilles@fws.gov>
Sent: Thursday, August 24, 2023 2:44 PM
To: Douglas, Aubin A <aubin_douglas@fws.gov>; Moeder, Linda J <linda_moeder@fws.gov>
Cc: Pettibone, Andrew L <andrew_pettibone@fws.gov>
Subject: Grizzly Ridge Bison Ranch Easement

Good afternoon ladies,

Could one of you help us out by changing the shading of the Grizzly Ridge Bison Ranch easement on the Realty_assets_aoi layer so it stands out from the other easements? We are trying to get it setup for Matt and Stacy to show that easement individually with the wildlife crossings that have been installed.

Let me know if you can help.

Thanks!

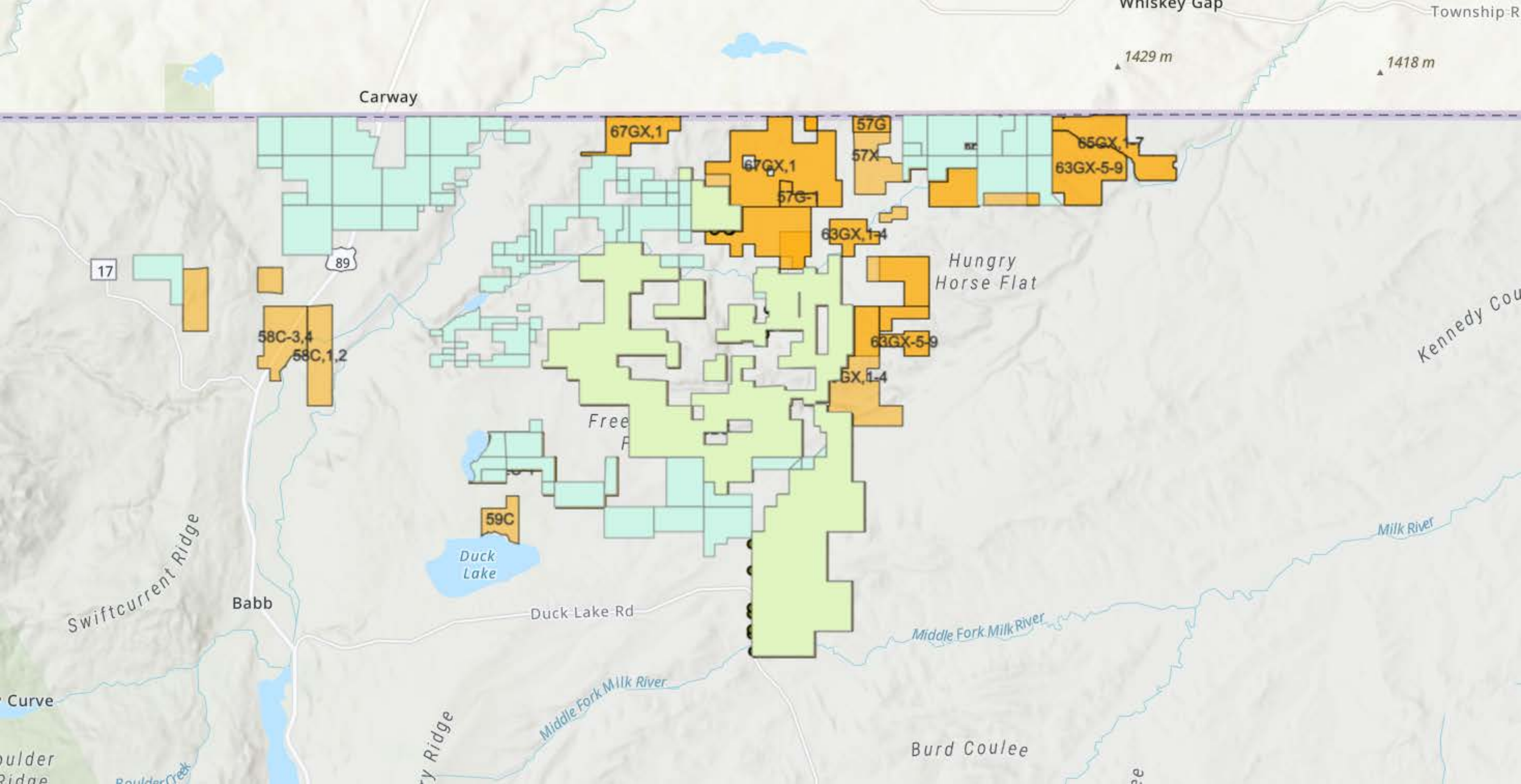
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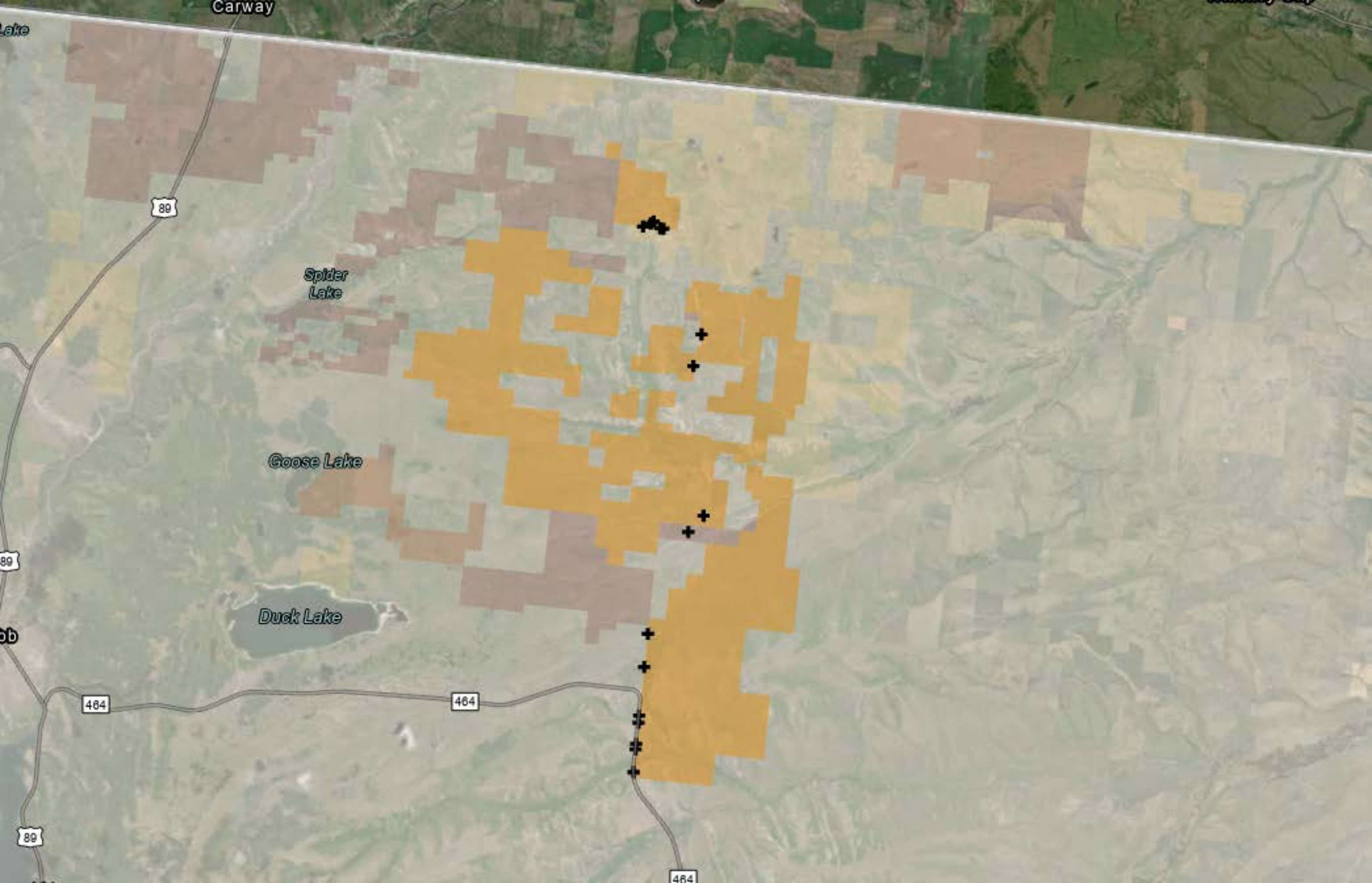


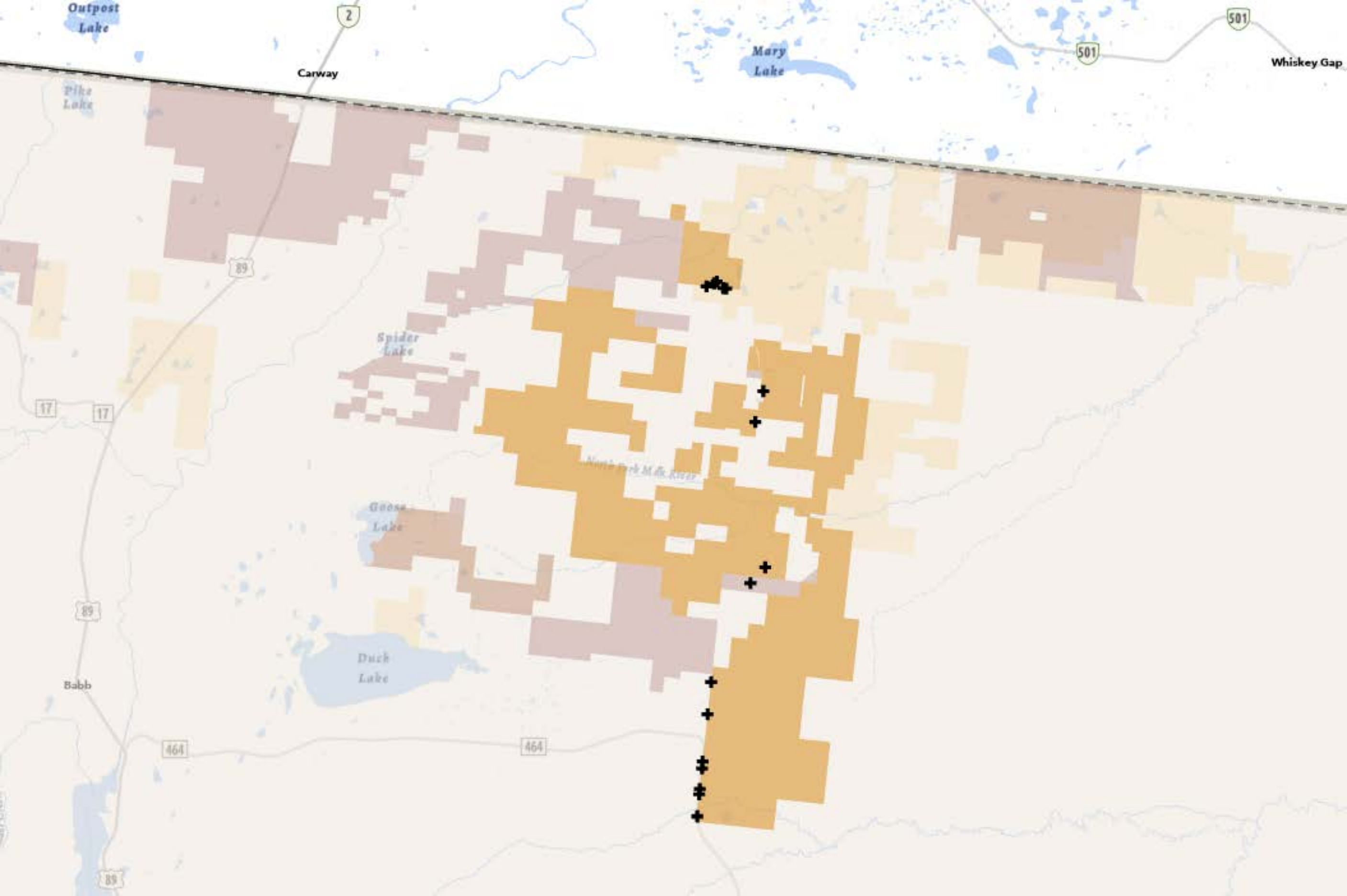
INTERIOR WOMEN'S MENTORING PROGRAM

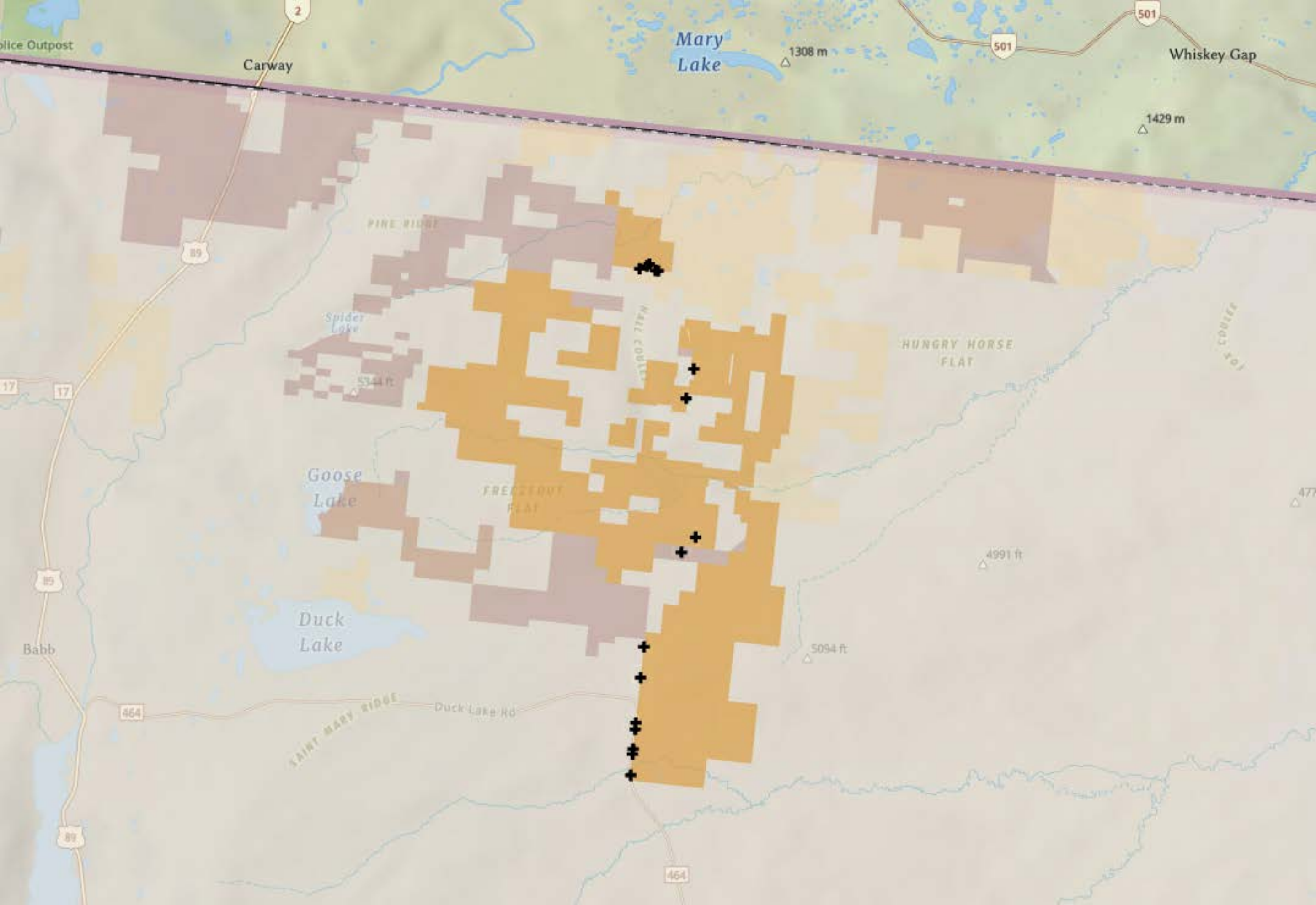


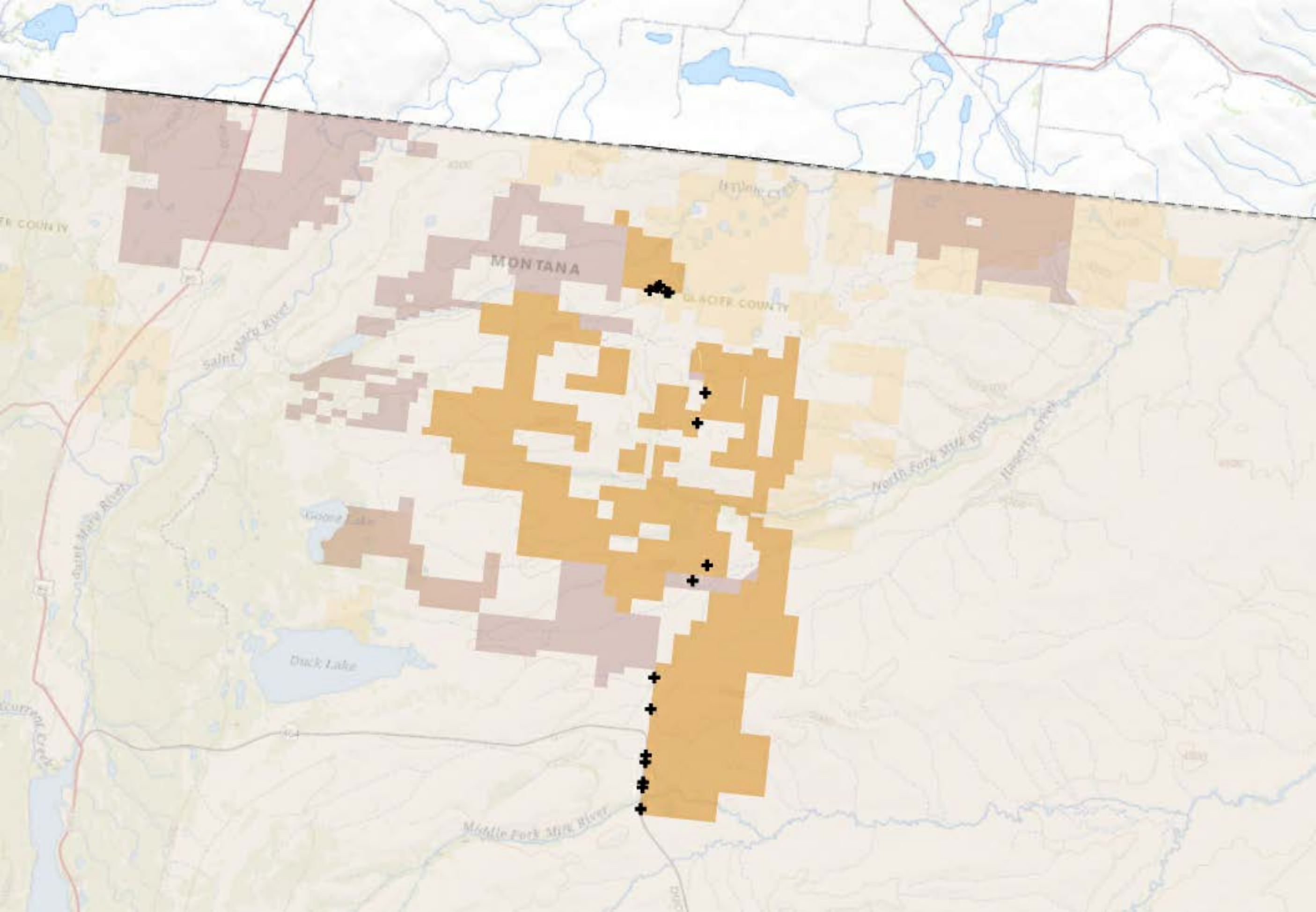
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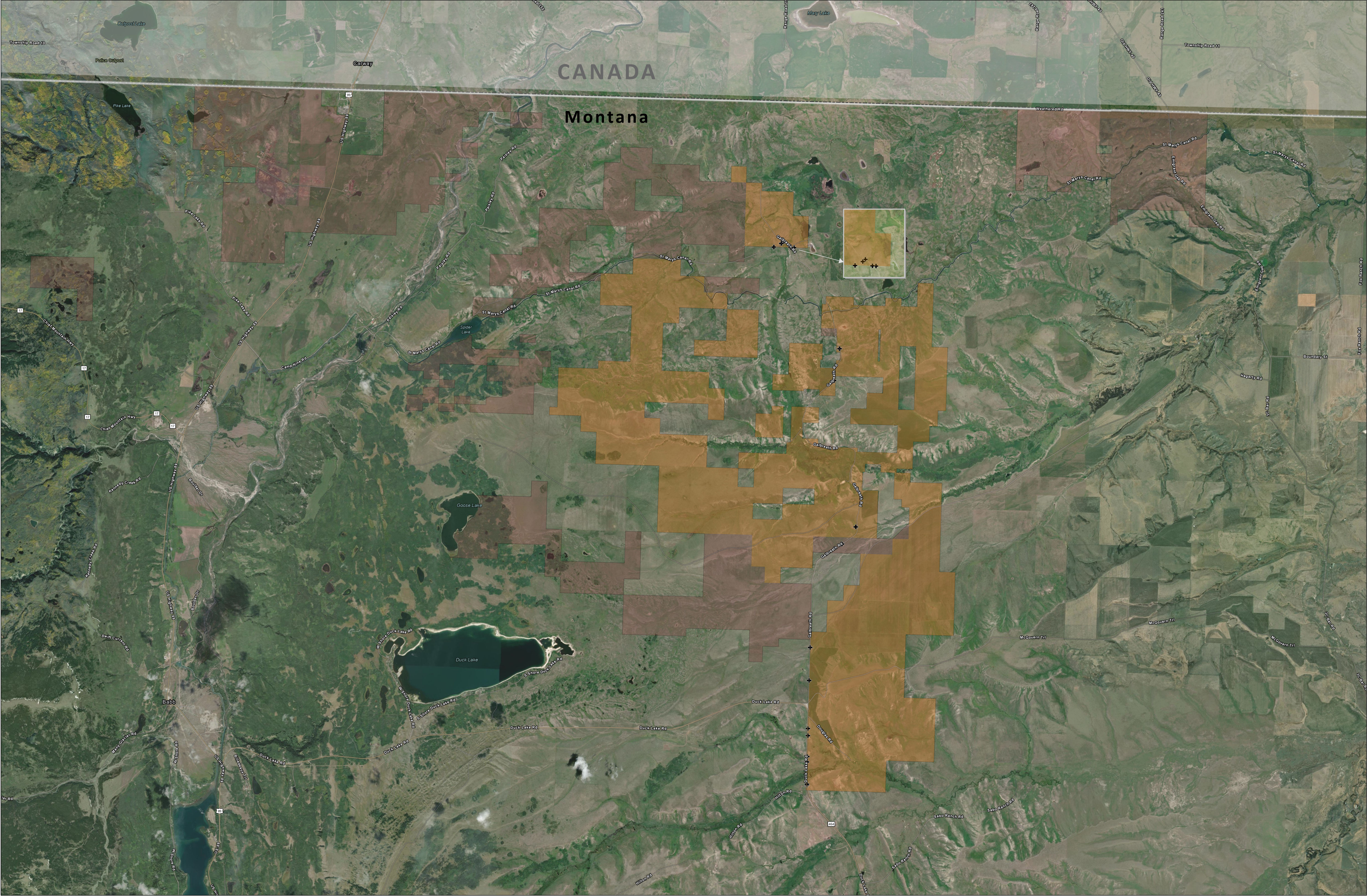




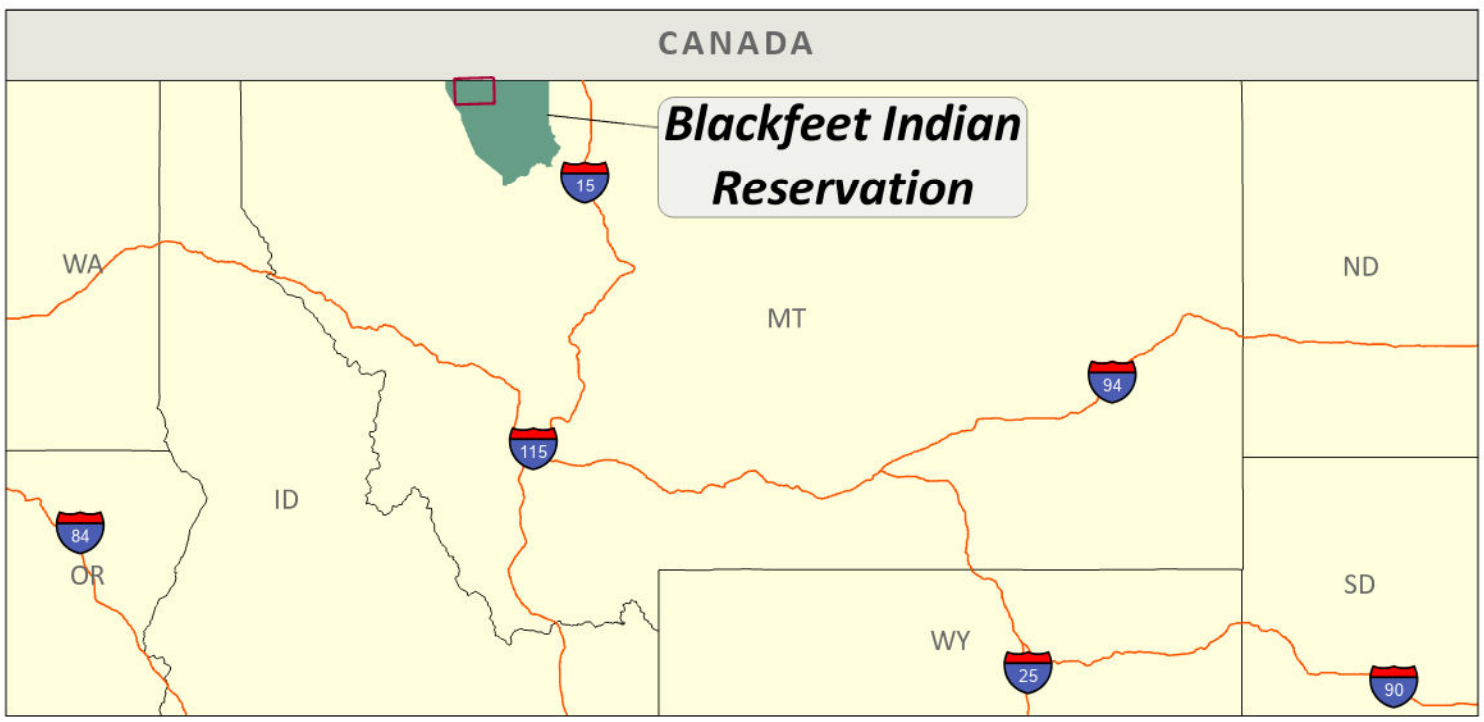




U.S. Fish & Wildlife Service
Grizzly Ridge Bison Ranch Easement
Glacier county, Montana



Produced in the Division of Realty
Lakewood, CO
Land Status Current To: 8/12/2023
Map Date: 8/30/2023
Projection: UTM Zone 12 - NAD 1983
Production Software: ArcGIS Pro v3.1.2



0 1 2 3 4 5 Mile



1:34,000

- + Modified Fence Crossings
- Grizzly Ridge Bison Ranch Easement Boundary
- Grizzly Ridge Bison Ranch