

STATE OF  
COLORADO

Ridley - DNR, Hunter &lt;hunter.ridley@state.co.us&gt;

**Response to Notice of Deficiencies #1, Coyote Basin Project, File No. P-2025-011, 25-08-01**

1 message

**Nancy Normore** <nnormore@homeland-uranium.com>

Mon, Aug 4, 2025 at 11:45 AM

To: "Ridley - DNR, Hunter" &lt;hunter.ridley@state.co.us&gt;

Cc: "Warren, Daniel" &lt;DWarren@hunton.com&gt;, "Stratte, Martin" &lt;MStratte@hunton.com&gt;

Hi Hunter,

Please see my responses below:

All maps have been updated with your requirements. I have also created a Dropbox which will contain all the relevant information.

<https://www.dropbox.com/scl/fo/lsvegdn6fw6sgl7gio1/AATAbuM0vQGtQNN04x3Nj3M?rlkey=jjn601haokpagnnykmj6kn7ln&st=m5r33uqt&dl=0>

Let me know if you have any further questions.

Thank you,

Nancy

**RESPONSE:****MAPS:**

1. Please see maps in dropbox Figures 1 – 15.
2. Confirmed.
3. See Dropbox.

**Section III:**

4. It is not anticipated that any drill holes will encounter artesian flow, and it is uncertain as to if or where groundwater will be encountered. Should drilling operations encounter groundwater, applicant shall abandon said drill hole in accordance with Rule 3.1.6 (1) and 5.4.2 of Mineral Rules and Regulations of the Colorado Mined Land reclamation Board for Hard Rock, Metal and Designated Mining Operation. Drill holes will be approximately 300 to 1,000 feet deep. If an artesian well or drillhole intersecting the water table is encountered, each drill hole will be plugged and cemented to appropriately seal the drillhole. The plug and cement will prevent uncontrolled flow of water from occurring if this groundwater condition is encountered. The amount of cement used will be dependent on the need of the drillhole. At minimum, all drillholes (dry or wet) will be plugged and cemented within 5 ft of the surface, and will have additional cementing to properly plug where groundwater or an artesian well is encountered. Groundwater depths in historical drillholes range from 140 ft to 820 ft, but it unknown as to what to expect for our drill pan.

However, in terms of bonding, we have the understanding that unless Shift actually encounters groundwater, bonding for cement plugging is otherwise unnecessary and not required by the regulations. Please confirm.

## Section IV:

5. Shift Exploration Inc. (Homeland Uranium Corp) (SEI-HLU) will adhere to the guidelines indicated – " If excess cuttings are to be buried onsite in final reclamation, please commit to on site disposal of all cuttings with a minimum of 36" of total cover over the disposal location at each pad."
6. The type of mix will be provided by BLM. SEI-HLU will use the appropriate seed mix as directed by BLM.
7. Trenches, Drillpad and Laydowns Areas:
  - The Trenches will be a maximum of 5 ft deep and will approximately excavate 315.4 cubic yards or less. Topsoil will be stored immediately adjacent to the trench. Trench dimensions are 131 x 6.6 ft without topsoil. With topsoil storage, affected area is 131 x 13 ft. See Figures 2-13 provided.
  - Maximum depth for sump will be 5 ft. Typical sump size will be 4ft x 8ft by 5 ft deep. Topsoil will be stored within the drillpad area of 30 x 50 ft, within the immediate area of the sump (as long as deemed safe). See Figures 2 – 13.
  - Laydown areas will have no excavated material. These are intended to be left undisturbed. Laydowns are chosen in areas of low to no vegetation. See Figures 2 – 13.

## Financial Warranty:

8. SEI-HLU intends to conduct reclamation as follows: To prevent unnecessary and undue degradation, Shift Exploration will implement reclamation measures concurrent with operations, which are expected to occur within the work window of August 1 to December 31. For example, and in addition to the other best practices discussed herein, topsoil will be salvaged and stockpiled to prevent erosion or cross-contamination. Surface disturbances will be minimized to smallest area required for operations and will follow natural contours, and wattles or temporary silt fences will be used to demarcate and protect vegetation surrounding the project area. After each drillhole is abandoned, stockpiled topsoil will be distributed promptly to blend with the natural landscape and to match existing slopes to facilitate drainage and prevent erosion. Regarding revegetation, operators will spread a seed mix provided by BLM over replaced topsoil and apply erosion control (mulch, hydromulch, wattles, or other suitable option) to support plant establishment in dry conditions. Where required, barriers will be installed around sumps, stockpiles, and drill pads to prevent sediment migration and to protect vegetation downslope. Lastly, a natural buffer zone of undisturbed vegetation will be maintained around the area of active operations. We intend to post one bond for the entire project and will update BLM and DRMS during and after the project of ongoing reclamation.
  - I would like to clarify your text on the Phased Bond Approach. Let me know when you are available.



Nancy Normore

Vice President, Exploration, Homeland Uranium

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503 – 905 West Pender Street Vancouver BC V6C 1L6

**From:** Ridley - DNR, Hunter <[hunter.ridley@state.co.us](mailto:hunter.ridley@state.co.us)>

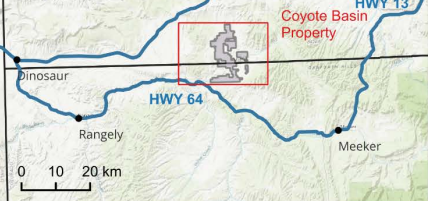
**Sent:** August 1, 2025 2:20 PM

**To:** Nancy Normore <[nnormore@homeland-uranium.com](mailto:nnormore@homeland-uranium.com)>

**Cc:** Warren, Daniel <[DWarren@hunton.com](mailto:DWarren@hunton.com)>; Stratte, Martin <[MStratte@hunton.com](mailto:MStratte@hunton.com)>

**Subject:** Re: Notice of Deficiencies #1, Coyote Basin Project, File No. P-2025-011

**Colorado  
Moffat-RioBlanco  
Counties**



**Figure 1**

**Shift Exploration Inc.**

**Coyote Basin  
Property Location**


DATUM: NAD83  
UTM Z12N

Drafted By Qualified Person:  
Nancy Normore, B.Sc., M.Sc., P.Geo  
Saskatchewan: 13182, Newfoundland: 10464

Aug 4, 2025

QP Signature:

**Coyote Basin  
Property**

 Homeland Uranium  
Coyote Basin Property

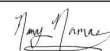


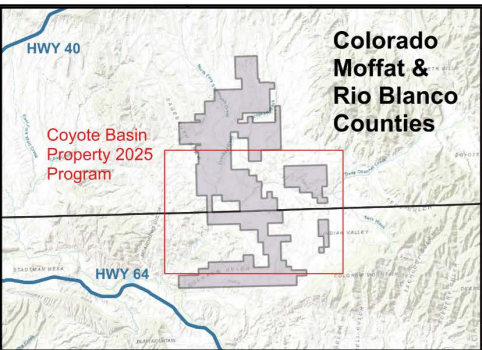












**Figure 2**

**Shift Exploration Inc.**

**Coyote Basin Property Activity and Access with BLM Lands**

<b>DATUM: NAD83 UTM Z12N</b>	Drafted By Qualified Person: Nancy Normore, B.Sc., M.Sc., P.Geo Saskatchewan: 13182, Newfoundland: 10464
<b>Aug 4, 2025</b>	QP Signature: 



-  HLU Coyote Basin Property
-  HLU Lease
-  Recently Staked by HLU
-  BLM Public Land
-  Private Land
-  Existing Road/Trail
-  Planned Access Routes
-  Proposed RC Hole
-  Drill Pad/ Laydown Buffer Zone
-  Proposed Trench

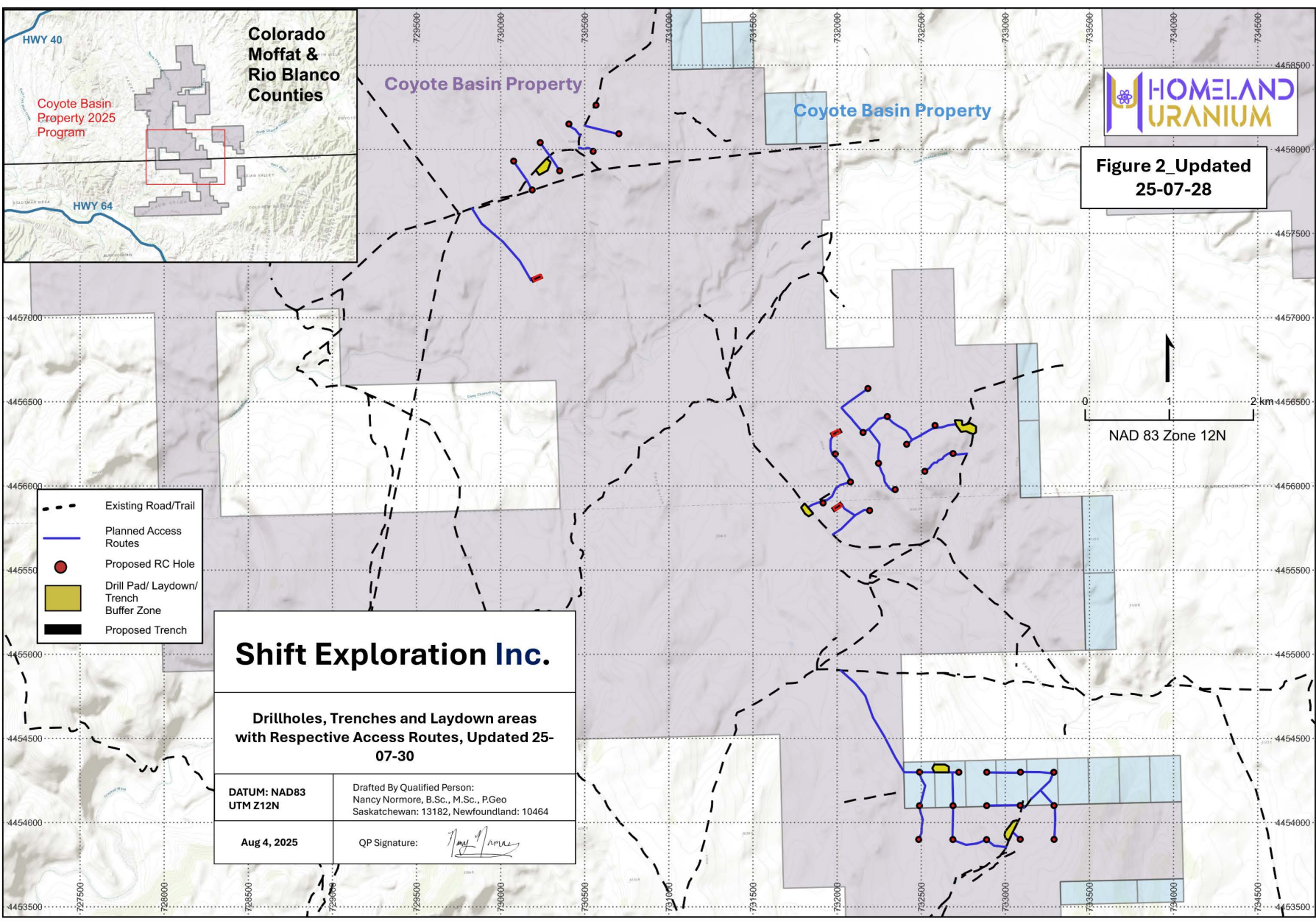


**Rimrock Gulch Zone**

**Open Gulch Zone 1**

**Open Gulch Zone 2**





Coyote Basin  
Property 2025  
Program

Colorado  
Moffat &  
Rio Blanco  
Counties

Coyote Basin Property

Coyote Basin Property



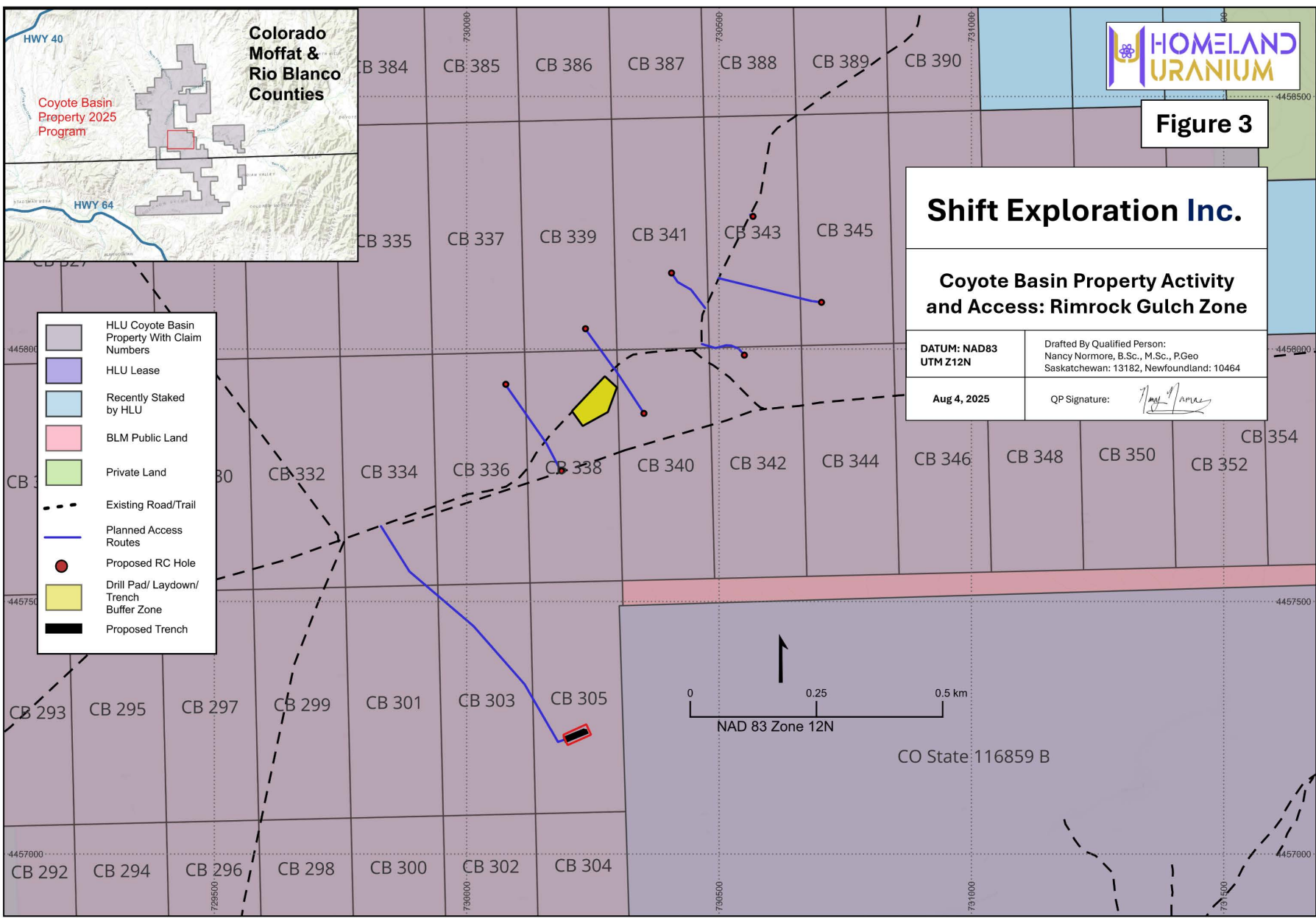
Figure 2\_Updated  
25-07-28

- - - Existing Road/Trail
- Planned Access Routes
- Proposed RC Hole
- Drill Pad/ Laydown/ Trench Buffer Zone
- ▬ Proposed Trench

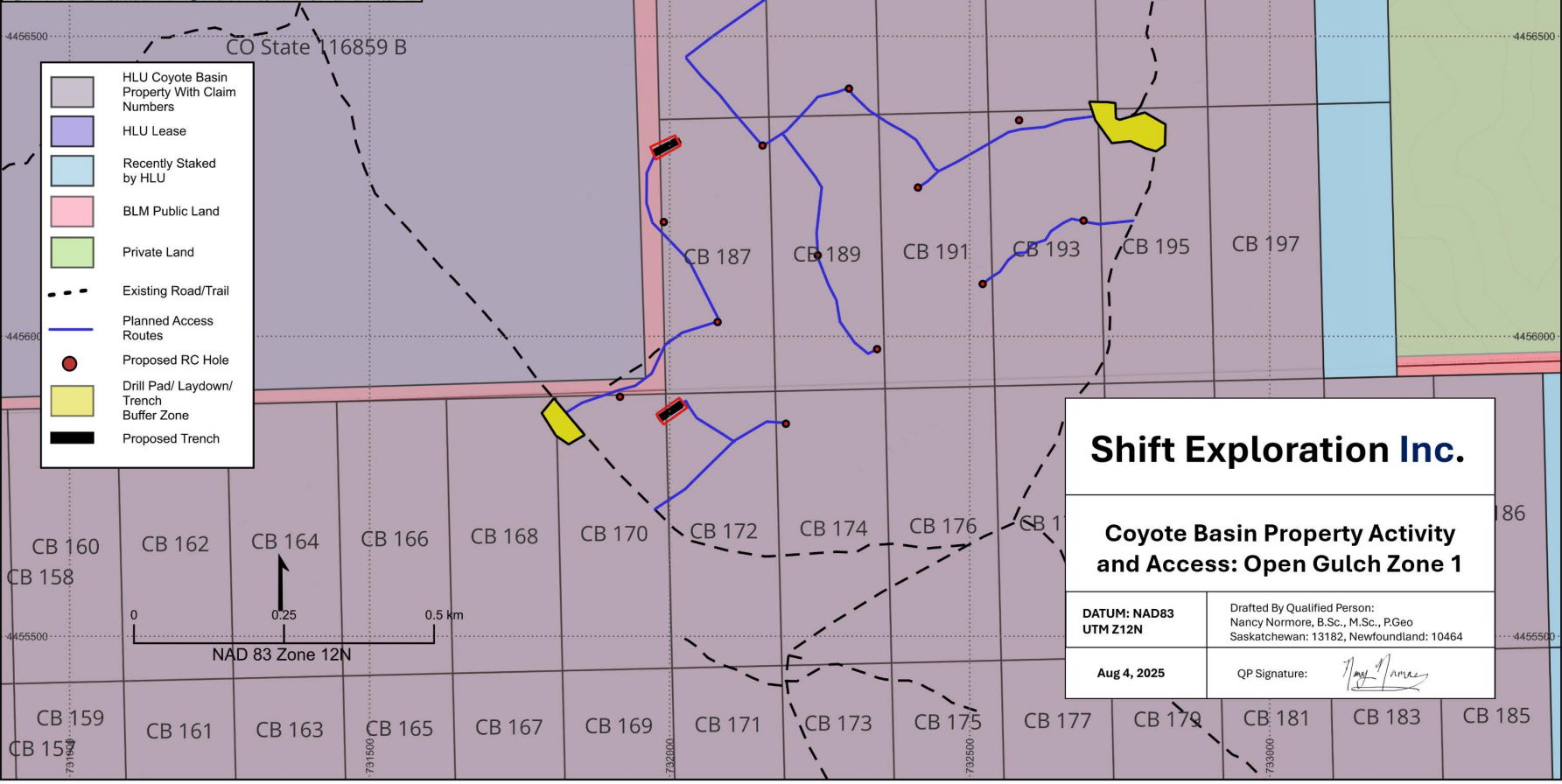
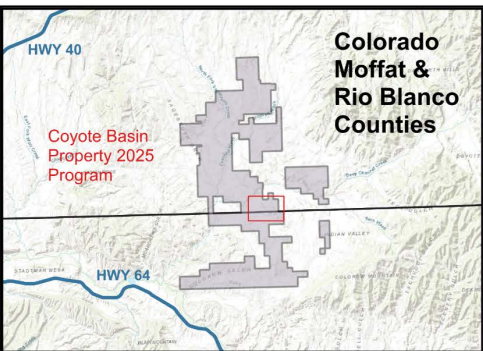
# Shift Exploration Inc.

Drillholes, Trenches and Laydown areas  
with Respective Access Routes, Updated 25-  
07-30

DATUM: NAD83 UTM Z12N	Drafted By Qualified Person: Nancy Normore, B.Sc., M.Sc., P.Geo Saskatchewan: 13182, Newfoundland: 10464
Aug 4, 2025	QP Signature:





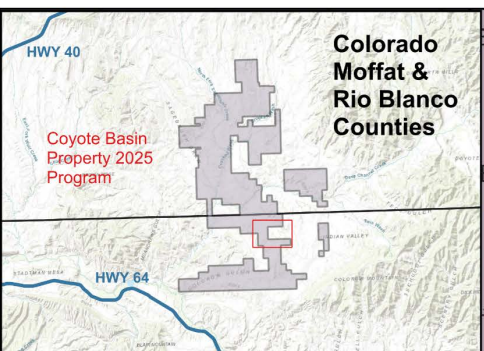
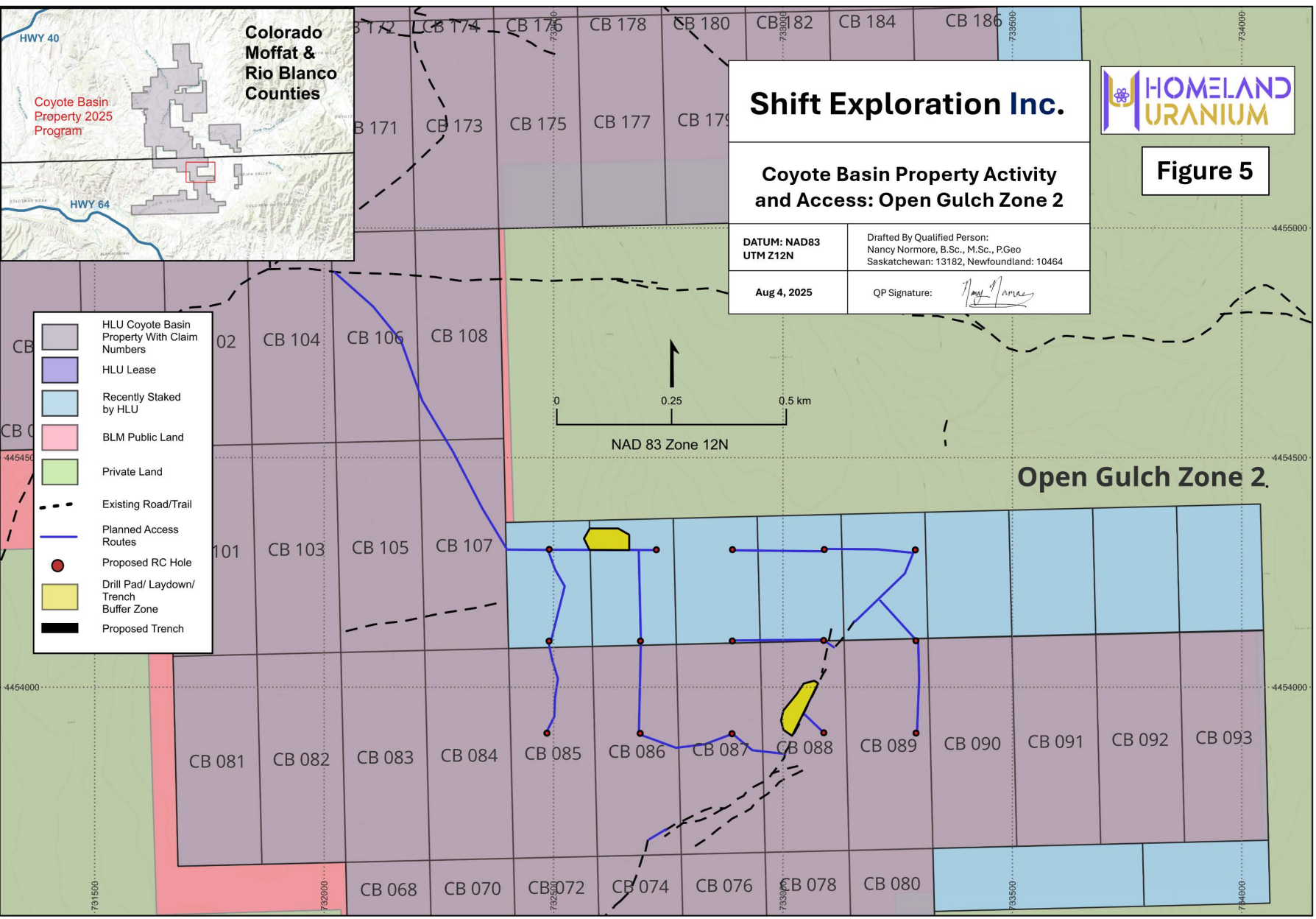


**Shift Exploration Inc.**

**Coyote Basin Property Activity and Access: Open Gulch Zone 1**

DATUM: NAD83 UTM Z12N	Drafted By Qualified Person: Nancy Normore, B.Sc., M.Sc., P.Geo Saskatchewan: 13182, Newfoundland: 10464
Aug 4, 2025	QP Signature:





**Shift Exploration Inc.**

**Coyote Basin Property Activity  
and Access: Open Gulch Zone 2**

<b>DATUM: NAD83 UTM Z12N</b>	Drafted By Qualified Person: Nancy Normore, B.Sc., M.Sc., P.Geo Saskatchewan: 13182, Newfoundland: 10464
<b>Aug 4, 2025</b>	QP Signature: <i>Nancy Normore</i>

**HOMELAND  
URANIUM**

**Figure 5**

- HLU Coyote Basin Property With Claim Numbers
- HLU Lease
- Recently Staked by HLU
- BLM Public Land
- Private Land
- Existing Road/Trail
- Planned Access Routes
- Proposed RC Hole
- Drill Pad/ Laydown/ Trench Buffer Zone
- Proposed Trench

0 0.25 0.5 km  
NAD 83 Zone 12N

**Open Gulch Zone 2.**



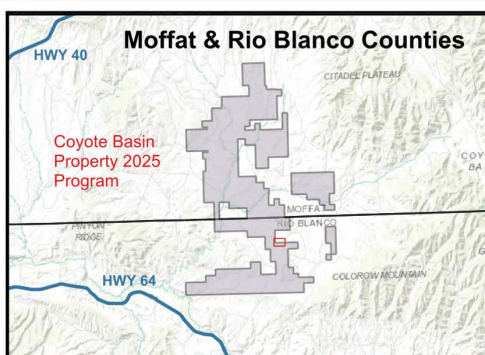


Figure 6

# Shift Exploration Inc.

## Coyote Basin Property Activity and Access with Satellite Image Background: Open Gulch Zone 2

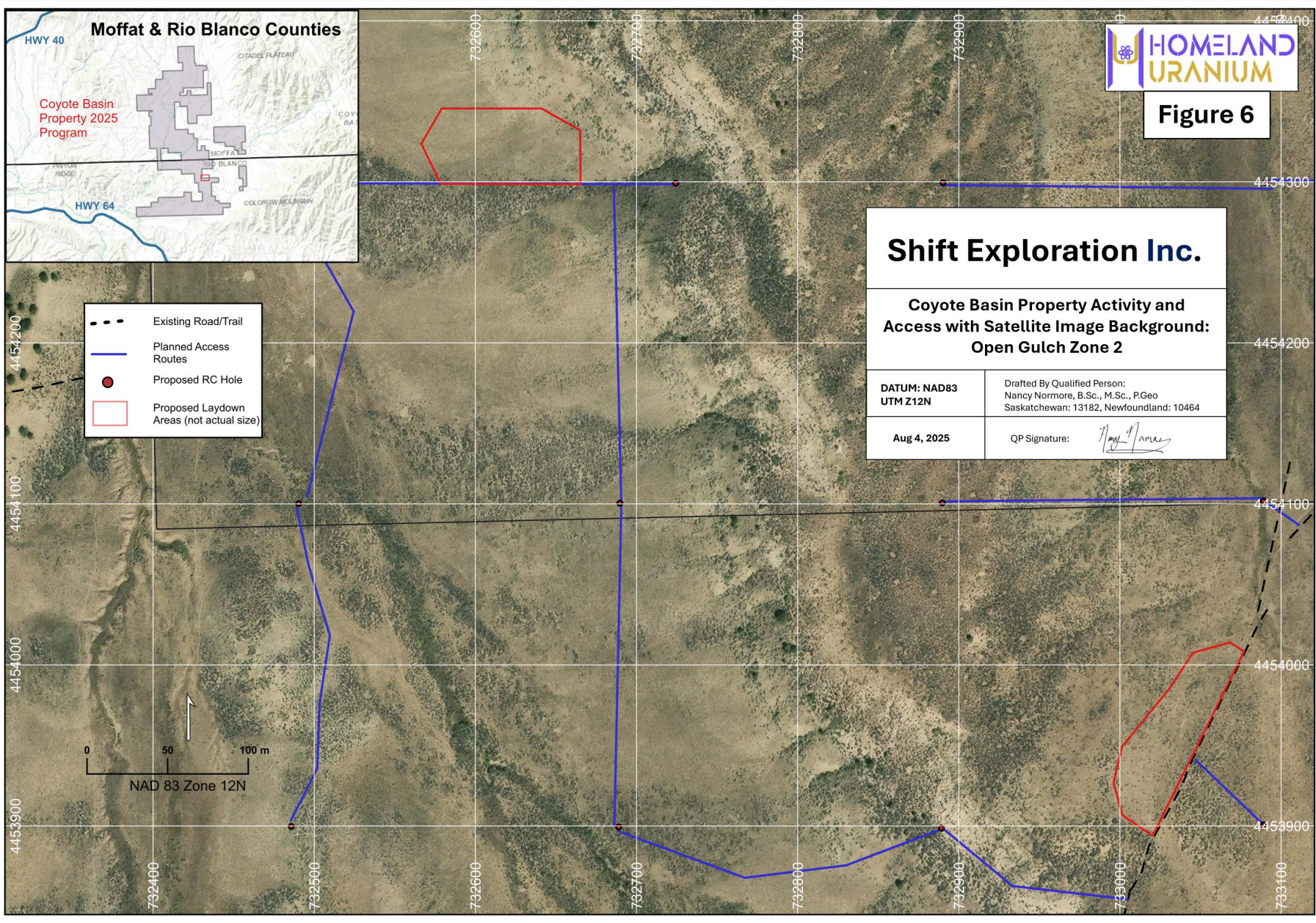
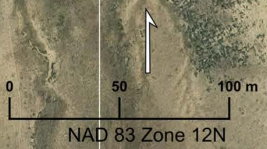
DATUM: NAD83  
UTM Z12N

Drafted By Qualified Person:  
Nancy Normore, B.Sc., M.Sc., PGeo  
Saskatchewan: 13182, Newfoundland: 10464

Aug 4, 2025

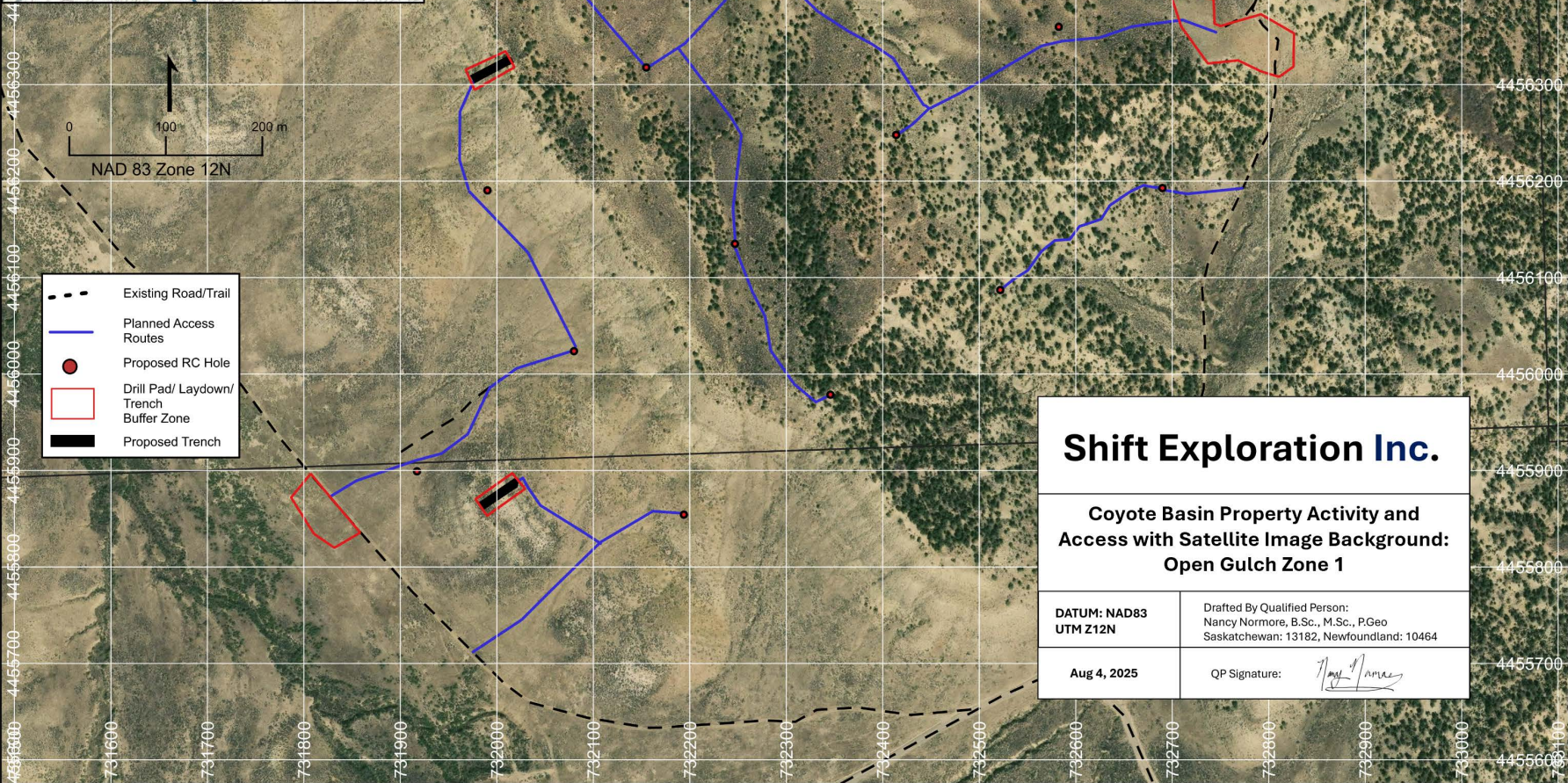
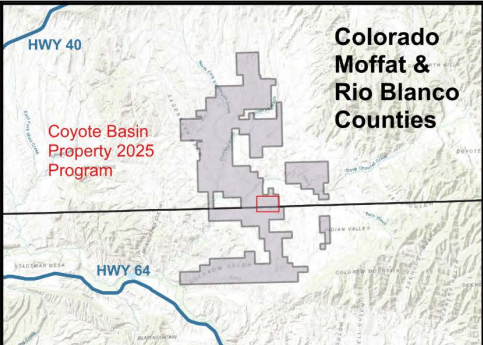
QP Signature:

- - - Existing Road/Trail
- Planned Access Routes
- Proposed RC Hole
- Proposed Laydown Areas (not actual size)



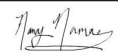


**Figure 7**

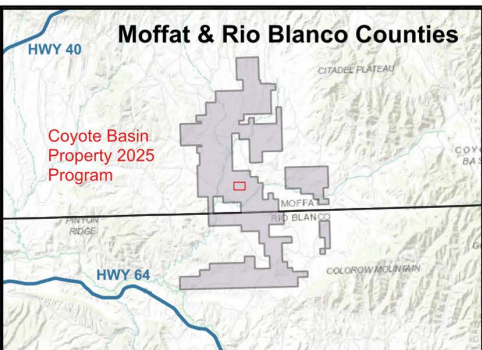


**Shift Exploration Inc.**

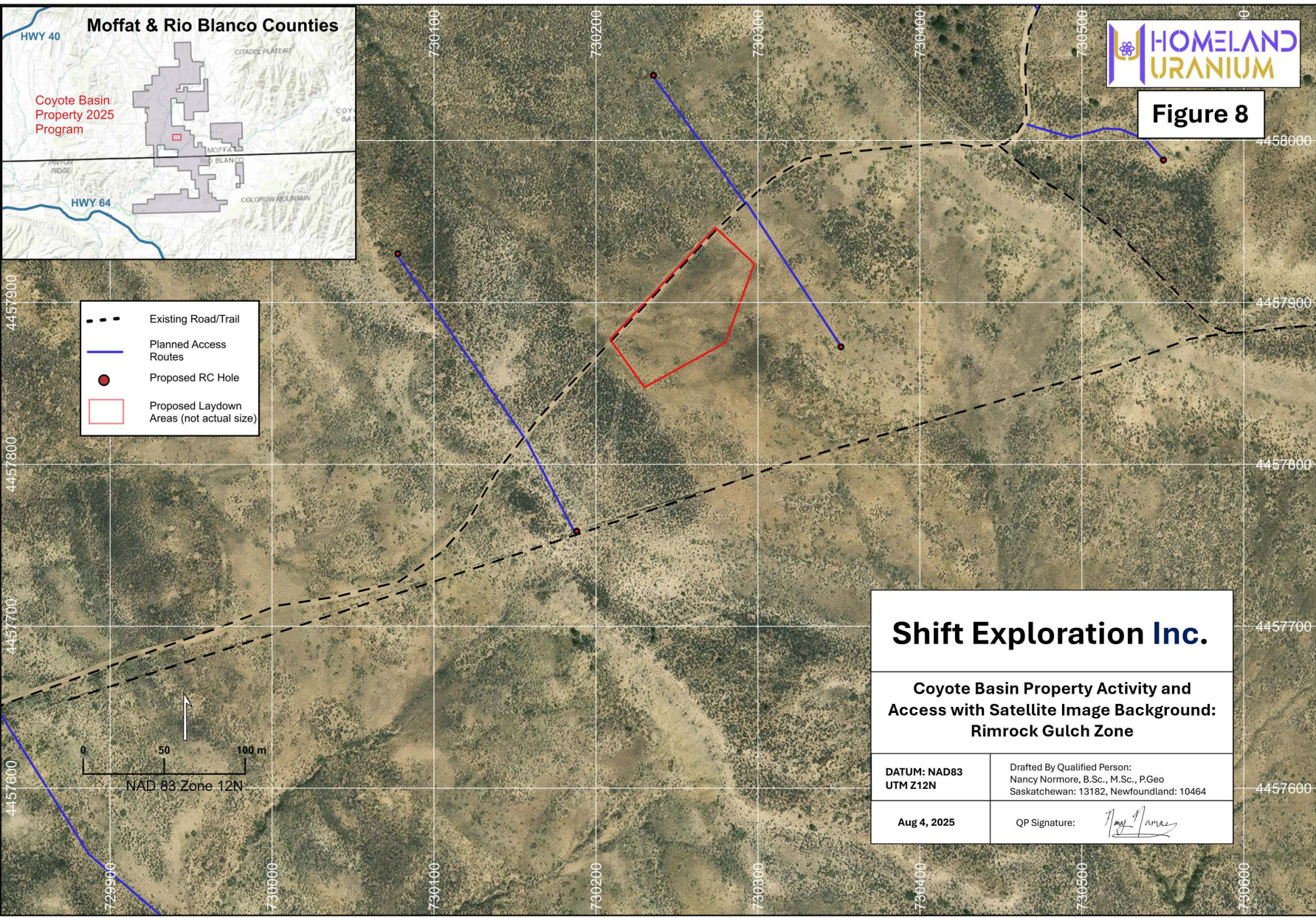
**Coyote Basin Property Activity and  
Access with Satellite Image Background:  
Open Gulch Zone 1**

<b>DATUM: NAD83 UTM Z12N</b>	Drafted By Qualified Person: Nancy Normore, B.Sc., M.Sc., P.Geo Saskatchewan: 13182, Newfoundland: 10464
<b>Aug 4, 2025</b>	QP Signature: 





**Figure 8**

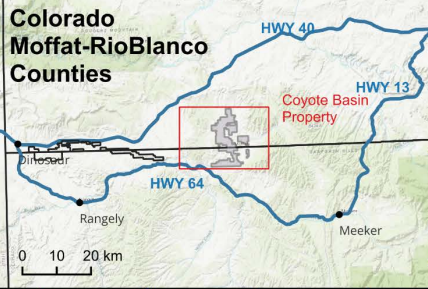


**Shift Exploration Inc.**

**Coyote Basin Property Activity and Access with Satellite Image Background: Rimrock Gulch Zone**

<b>DATUM: NAD83 UTM Z12N</b>	Drafted By Qualified Person: Nancy Normore, B.Sc., M.Sc., PGeo Saskatchewan: 13182, Newfoundland: 10464
<b>Aug 4, 2025</b>	QP Signature:





## Homeland Uranium Coyote Basin Township, Range and Section



Figure 9

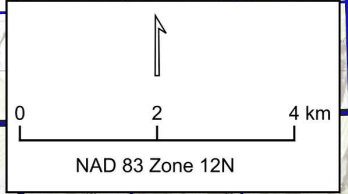
### Coyote Basin Property

- Homeland Uranium Coyote Basin Property
- 2025 Affected Area
- 3N 97W** PLSS Township & Range
- 16** PLSS Section

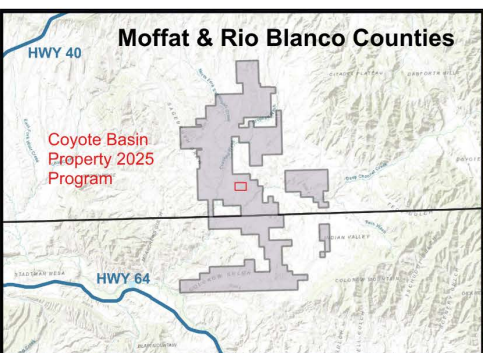
### Shift Exploration Inc.

#### Coyote Basin Property Location with Township, Range and Section

DATUM: NAD83 UTM Z12N	Drafted By Qualified Person: Nancy Normore, B.Sc., M.Sc., P.Geo Saskatchewan: 13182, Newfoundland: 10464
Aug 4, 2025	QP Signature:







# Shift Exploration Inc.

## Coyote Basin Property: Drillpad and laydown Buffer Area, Rimrock Gulch Zone

DATUM: NAD83 UTM Z12N	Drafted By Qualified Person: Nancy Normore, B.Sc., M.Sc., P.Geo Saskatchewan: 13182, Newfoundland: 10464
Aug 4, 2025	QP Signature:



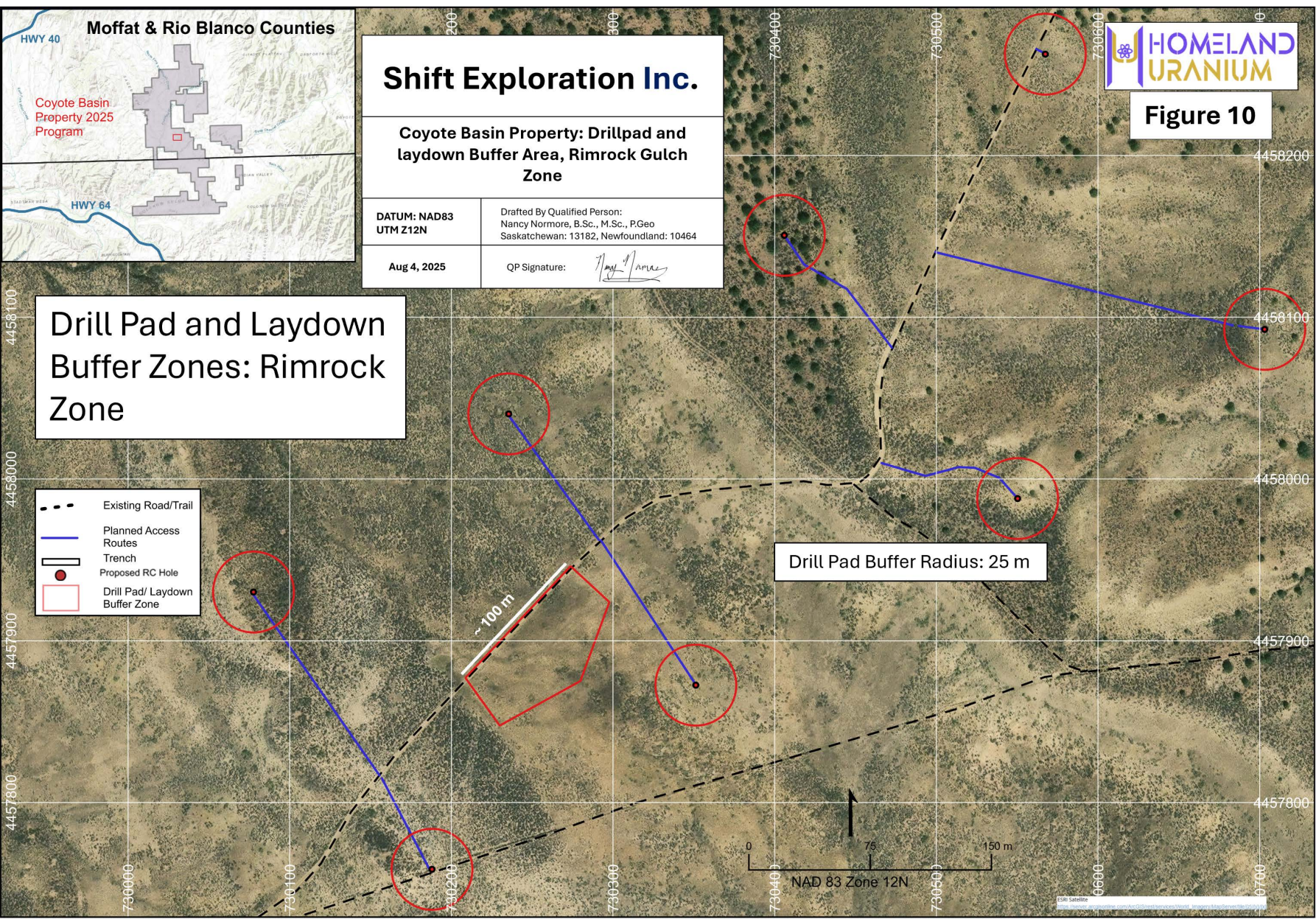
Figure 10

# Drill Pad and Laydown Buffer Zones: Rimrock Zone

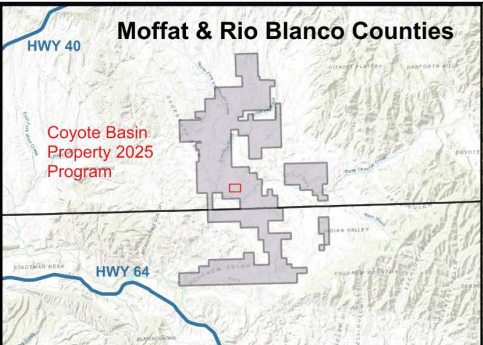
- Existing Road/Trail
- Planned Access Routes
- ▬ Trench
- Proposed RC Hole
- Drill Pad/ Laydown Buffer Zone

Drill Pad Buffer Radius: 25 m

~100 m







**Figure 11**

**Trench  
Location;  
Rimrock Zone**

- Existing Road/Trail
- Planned Access Routes
- ▬ Proposed Trench
- ▭ Buffer Zone

**Shift Exploration Inc.**

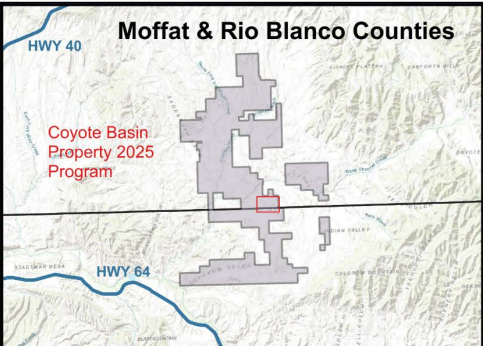
**Coyote Basin Property: Trench Location,  
Rimrock Gulch Zone**

<b>DATUM: NAD83 UTM Z12N</b>	Drafted By Qualified Person: Nancy Normore, B.Sc., M.Sc., P.Geo Saskatchewan: 13182, Newfoundland: 10464
<b>Aug 4, 2025</b>	QP Signature:

Trench is not drawn to scale.  
Proposed Trench  
dimension:  
40 m x 2 m (~ 131 ft x 6.6 ft)  
  
Disturbed Area: 40 m x 4 m  
(~ 131 ft x 13 ft)







# Shift Exploration Inc.

## Coyote Basin Property: Drillpad and Laydown Areas, Open Gulch Zone 1

DATUM: NAD83  
UTM Z12N

Drafted By Qualified Person:  
Nancy Normore, B.Sc., M.Sc., PGeo  
Saskatchewan: 13182, Newfoundland: 10464

Aug 4, 2025

QP Signature:

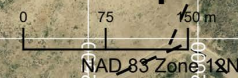
Drill Pad Buffer Radius: 25 m

Trenches are not drawn to scale.  
Proposed Trench dimension:  
40 m x 2 m (~ 131 ft x 6.6 ft)  
  
Disturbed Area: 40 m x 4 m (~  
131 ft x 13 ft)

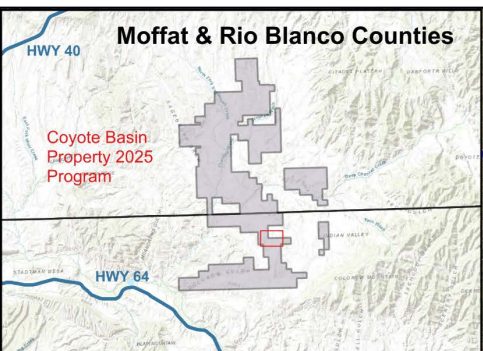
- Existing Road/Trail
- Planned Access Routes
- Trench
- Proposed RC Hole
- Drill Pad/ Laydown Buffer Zone (+ Trench)

Drill Pad and Laydown Buffer Zones: Open Gulch Zone 1

Figure 12







**Figure 13**

# Drill Pad and Laydown Buffer Zones: Open Gulch Zone 2

- - - Existing Road/Trail
- Planned Access Routes
- ▬ Trench
- Proposed RC Hole
- Drill Pad/ Laydown Buffer Zone

Drill Pad Buffer Radius: 25 m

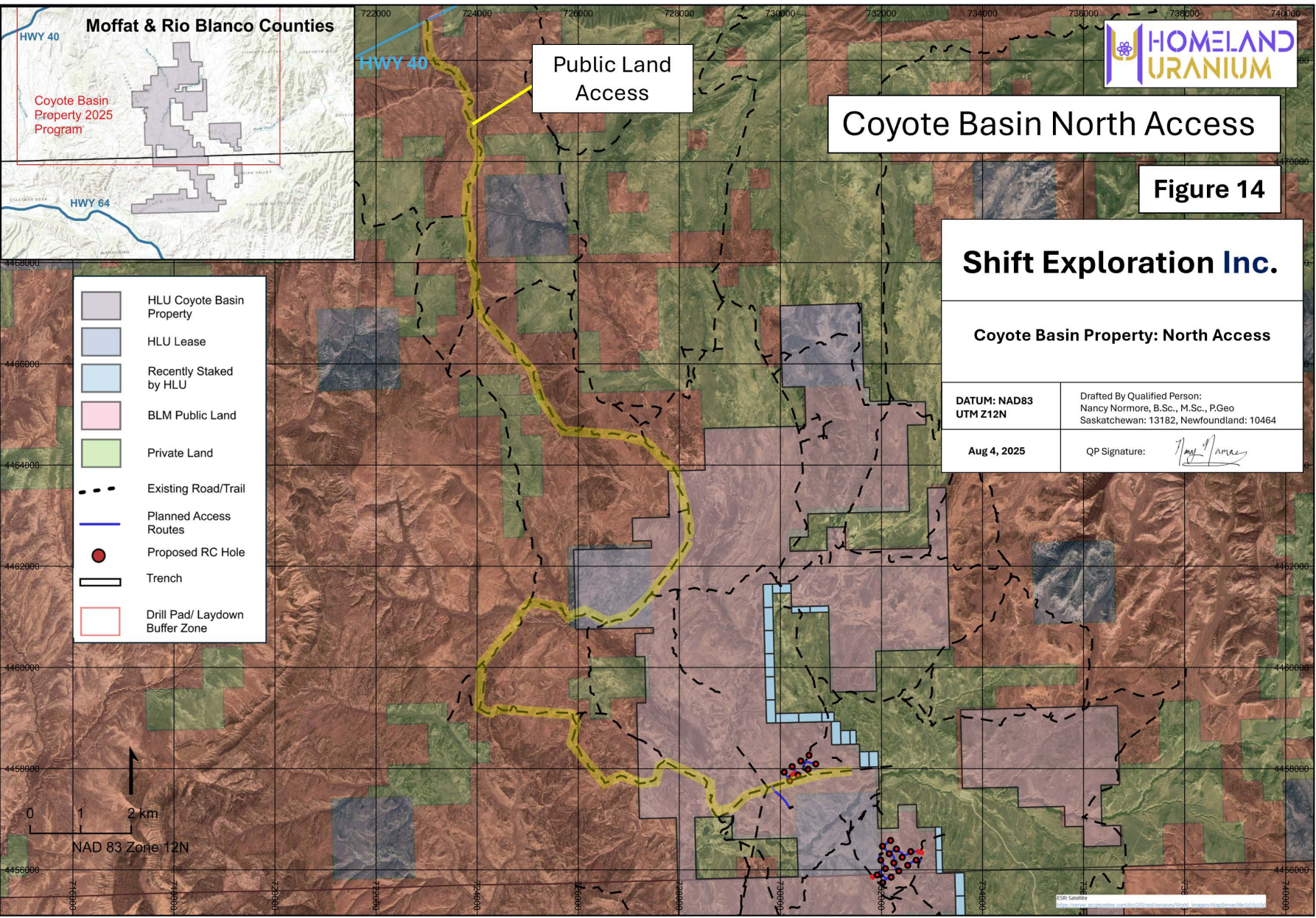


**Shift Exploration Inc.**

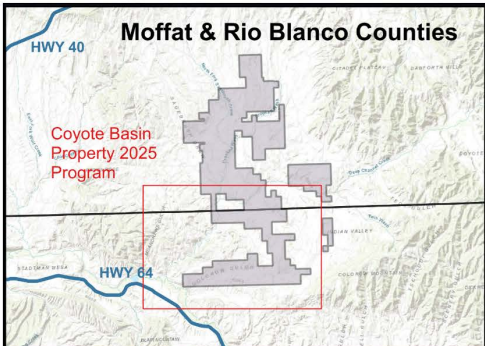
**Coyote Basin Property: Drillpad and Laydown Areas, Open Gulch Zone 2**

<b>DATUM: NAD83 UTM Z12N</b>	Drafted By Qualified Person: Nancy Normore, B.Sc., M.Sc., P.Geo Saskatchewan: 13182, Newfoundland: 10464
<b>Aug 4, 2025</b>	QP Signature:









# Shift Exploration Inc.

## Coyote Basin Property: South Access

<b>DATUM: NAD83 UTM Z12N</b>	<b>Drafted By Qualified Person:</b> Nancy Normore, B.Sc., M.Sc., P.Geo Saskatchewan: 13182, Newfoundland: 10464
<b>Aug 4, 2025</b>	<b>QP Signature:</b> <i>Nancy Normore</i>



**Figure 15**

