

**Carbon America
De Nova Project
Geologic Hazards**

SW4NW4 SEC 27; NE4, SE4NW4, NE4SW4,
NW4SE4 SEC 28; T1N R49W of the 6th PM,
Washington County, CO

Project Features

-  Pad Site
-  Access Road 15-foot Corridor
-  1-mile Buffer

Boundaries

-  PLSS Township
-  PLSS Section
-  USGS 7.5-minute Quad

Geologic Hazards*

- Fault Line
- Avalanche Hazard Corrosive
- Soils Collapsible Soils
- Debris Flow
- Expansive Soils and Rock
- Landslide Hazard Potentially
- Unstable Slopes Rockfall
- Hazard
- Slope Failure Complex
- Subsidence Hazard
- Unstable Slopes

Geology

-  Quaternary Eolian Deposits

I certify that I am a Professional Geologist, having met the educational requirements and professional work experience required by C.R.S. § 23-41-208(b). I have reviewed information pertaining to this Well Location and the surrounding area, and have identified no Geologic Hazards within a one mile radius.

Stephanie J Phippen

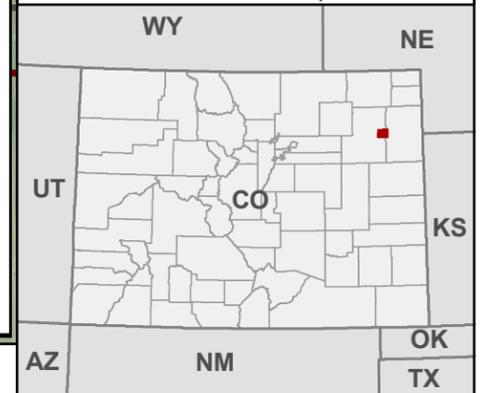
Stephanie Phippen
5557302-2250 Professional Geologist

*No geologic hazards found within 1-mile buffer



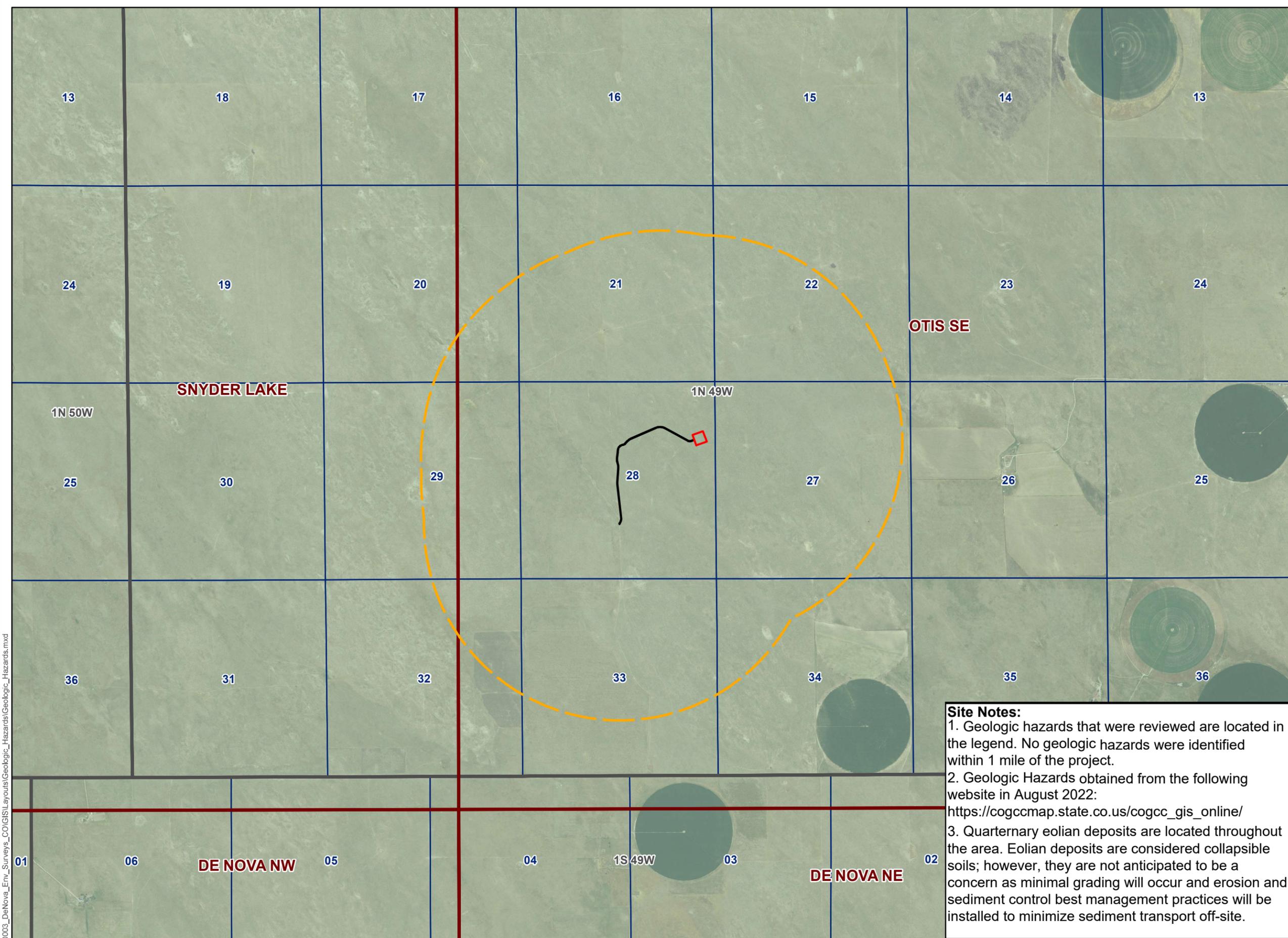
NOT FOR CONSTRUCTION

Reference Map



Site Notes:

1. Geologic hazards that were reviewed are located in the legend. No geologic hazards were identified within 1 mile of the project.
2. Geologic Hazards obtained from the following website in August 2022:
https://cogccmap.state.co.us/cogcc_gis_online/
3. Quaternary eolian deposits are located throughout the area. Eolian deposits are considered collapsible soils; however, they are not anticipated to be a concern as minimal grading will occur and erosion and sediment control best management practices will be installed to minimize sediment transport off-site.



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STATE OF UTAH DEPARTMENT OF COMMERCE ACTIVE LICENSE Stephanie JF Phippen EFFECTIVE 01/07/2004	REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S) 5557302-2250 Professional Geologist SIGNATURE OF HOLDER
EXPIRATION 03/31/2023	

IMPORTANT LICENSURE REMINDERS:

- Your license is valid until the expiration date listed on this form. Approximately 60 days prior to this expiration you will receive a renewal notice in the mail.
- Please note the address listed below. This is your public address of record for the division, and all future correspondence from the division will be mailed to this address. If you move, it is your responsibility to notify us directly of the change. Maintaining your current address with us is the easiest way to ensure continuous licensure.

STEPHANIE JF PHIPPEN
 13692 W AMHERST PL
 LAKEWOOD CO 80228

Please visit our web site at www.dopl.utah.gov should you have any questions in the future.

STATE OF UTAH DEPARTMENT OF COMMERCE DIVISION OF OCCUPATIONAL & PROFESSIONAL LICENSING ACTIVE LICENSE		
EFFECTIVE DATE:	01/07/2004	
EXPIRATION DATE:	03/31/2023	
ISSUED TO:	Stephanie JF Phippen	
REFERENCE NUMBER(S), CLASSIFICATION(S) & DETAIL(S)		
5557302-2250 Professional Geologist		
SIGNATURE OF HOLDER		