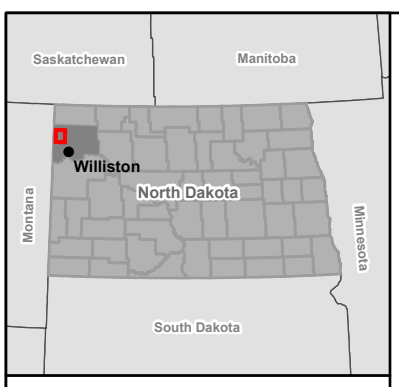
Surficial Geology - Formation: Description

- Coleharbor: Collapsed glacial sediment; Rolling (4-8 degree maximum slope angles); Supraglacial sediment with hummocky topography
- Coleharbor: Collapsed/draped transition sediments; Collapsed glacial sediment with hummocky topography draped over and partly obliterating the topography existing before the last glacial advance
- Coleharbor: Glacial sediment draped over pre-existing topography; Draped over and only slightly modifying the non-glacial topogrpahy existing before the last glacial advance

Good Luck Township
Orthell Township
Strandahl Township
Bonetraill Township
Blacktail Township
Bull Butte Township
Cow Creek Township



N
0 0.5 1 1.5 Kilometers
0 0.5 1 Miles

Preliminary Project Facilities
- Turbine
- ADLS Tower
- Met Lidar
- Met Tower
- Access Road
- Underground Collection/ Communication Line
- Crane Path
- O&M Facility
- Project Substation
- Temporary Laydown Yard

*Facilities not to scale

- Project Area
- Nonparticipating Property
- Study Area
- Civil Township
- County/Township Road
- Domestic Well
- Irrigation Well
- Observation Well
- Stock Well
- Oil and Gas Well

Note: Surficial Geology data derived from the State of North Dakota 1:500000 Geologic Map by Lee Clayton.

Homestead Wind

Figure 9
Geologic and Groundwater Resources

HOMESTEAD WIND

Coordinate System: NAD 1983 2011 StatePlane North Dakota North FIPS 3301 Ftl
Projection: Lambert Conformal Conic
Datum: NAD 1983 2011
False Easting: 1,968,503.9370
False Northing: 0.0000
Units: Foot

2/20/2026

Y:\GIS_Projects\HOM_Homestead\APRA\Permitting\HOM_State_PermitHOM_PSC_CSC_Permit.aprx