

Map 2 Geology & Groundwater Charlotte, Vermont



1 inch = 3,600 feet

1:43,200

Groundwater Source Protection Area

Recharge Potential to Bedrock Well

- Higher
- Moderate
- Lower

Bedrock Hydrogeologic Unit

- I - Cambrian quartzites & dolostones on the upper plate of the Champlain Thrust
- II - Ordovician carbonates on the upper plate of the Champlain Thrust
- III - Ordovician black shales & interbedded limestone on the lower plate of the Champlain Thrust
- IV - Cambrian & Ordovician carbonates on the lower plate of the Champlain Thrust
- V - Cretaceous intrusive rock

- US/State Highway
- Town Highway Class 2 or 3
- Town Highway Class 4
- State Forest Highway
- Legal Trail
- Private
- Railroad
- Ferry Route
- Stream Centerline
- Water Body

Sources:
 Bedrock data - Vermont Geologic Survey, 2010
 Ground Water Source - ANR, 2016
 Parcel Boundary - RJ Turner, 2015
 Road centerline - VTrans, 2015
 Water - Vermont Hydrography Dataset, USGS, 2013

Map created by P. Brangan using ArcGIS. All data is in State Plane Coordinate System, NAD 1983.

Disclaimer:
 The accuracy of information presented is determined by its sources. Errors and omissions may exist. The Chittenden County Regional Planning Commission is not responsible for these. Questions of on-the-ground location can be resolved by site inspections and/or surveys by registered surveyor. This map is not sufficient for delineation of features on-the-ground. This map identifies the presence of features, and may indicate relationships between features, but is not a replacement for surveyed information or engineering studies.

