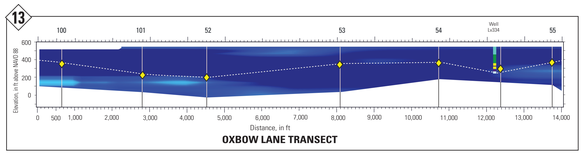
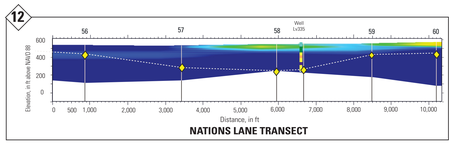
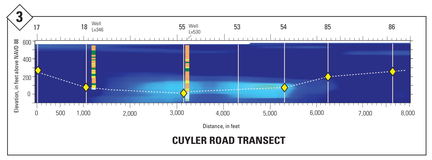
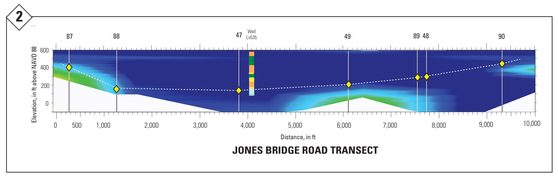
Fowlerville Moraine transects

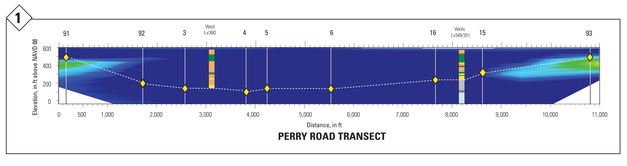


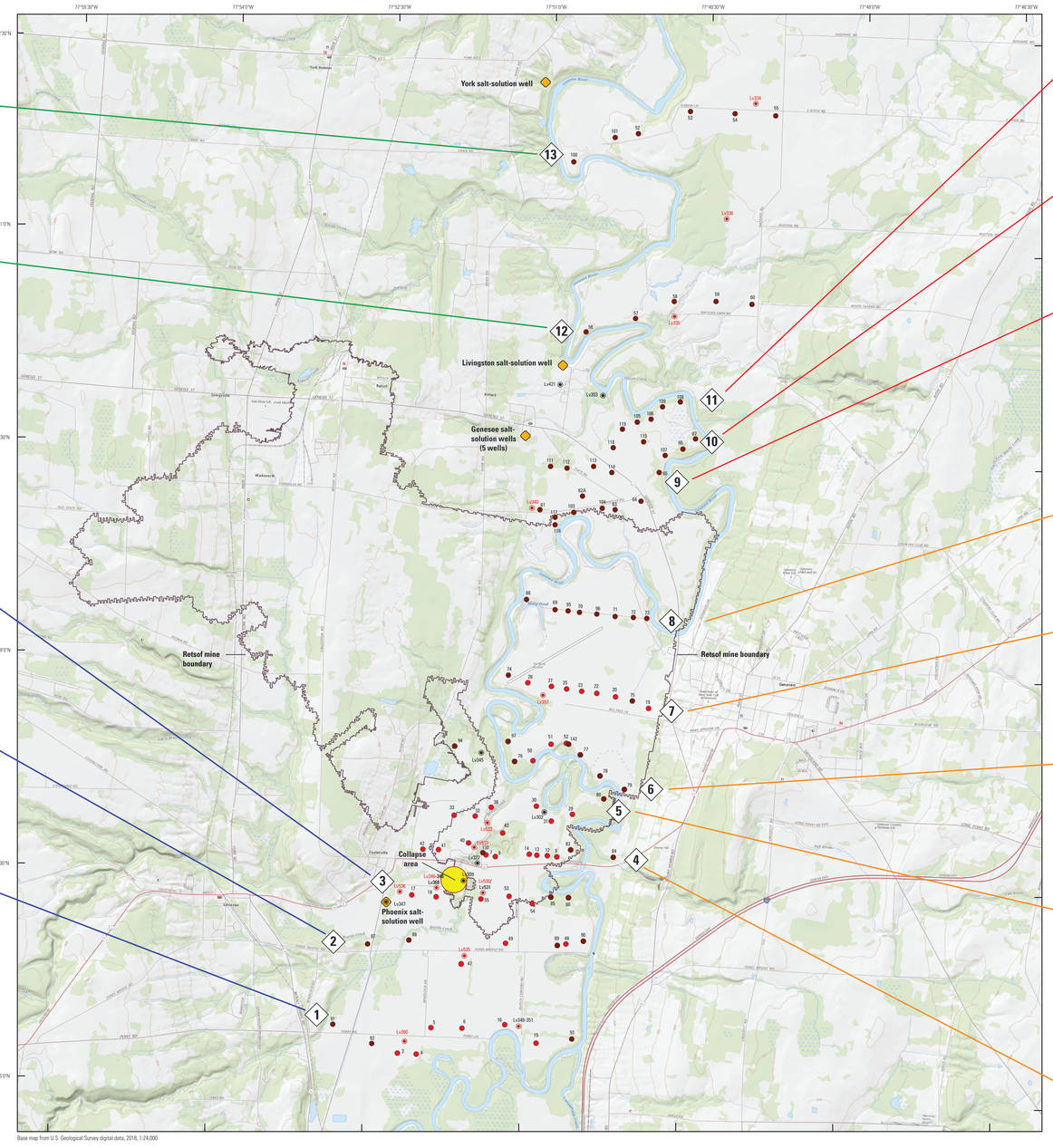


Transects south of the collapse area

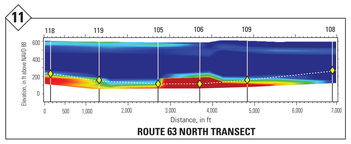


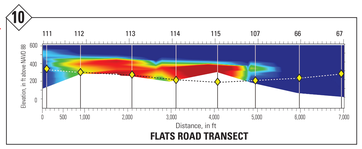


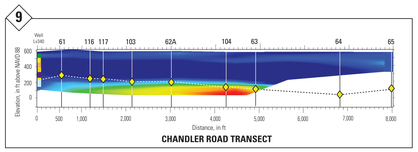




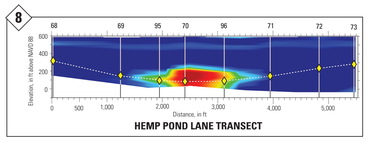
Transects east of Piffard

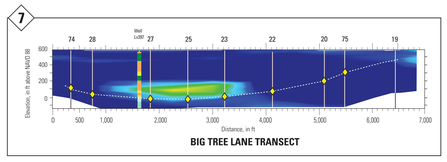


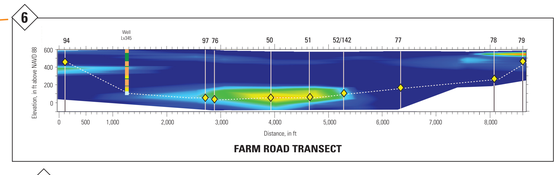


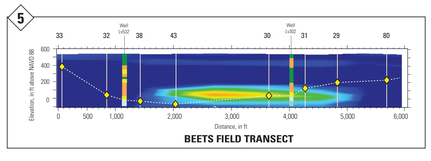


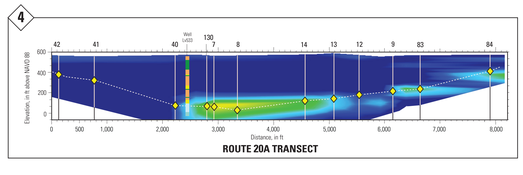
Transects north of collapse area











EXPLANATION

Lithostratigraphic log

Valley-fill deposit
- Alluvial-fluvial
- Glaciolacustrine
- Mixed glacial
- Glaciofluvial
- Till
- Till and lacustrine

Bedrock
- Skaneateles Shale
- Marcellus Shale
- Onondaga Limestone
- Bertie Limestone
- Camillus Shale—Gypsum
- Syracuse Shale—Salt
- Vernon Shale—Salt

Time-domain electromagnetic (TDEM) and passive seismic sounding

Conductivity, in millisiemens per meter: 20 80 160 200 280

Passive seismic estimated bedrock surface elevation, in feet (ft) above North American Datum of 1988 (NAVD 88)

TDEM and passive seismic sounding site, and identification number, by year of survey
- 3 2016
- 91 2017

Lx347 Borehole with well number—Lx indicates Livingston County; number assigned by the U.S. Geological Survey (USGS)

Lx360 Borehole with reported depth to bedrock used to develop local passive-seismic regression equation—Lx indicates Livingston County; number assigned by the U.S. Geological Survey (USGS)

Former salt-solution well

2 1 0 1 2 MILES

2 1 0 1 2 KILOMETERS

Electrical-Conductivity Transects From Time-Domain Electromagnetic Soundings, Top of Bedrock Estimated From Passive-Seismic Measurements, and Lithostratigraphic Logs of Selected Boreholes Along 13 Transects in the Genesee River Valley, Western New York, 2016–17

By
John H. Williams, William M. Kappel, Carole D. Johnson, Eric A. White, Paul M. Heisig, and John W. Lane, Jr.