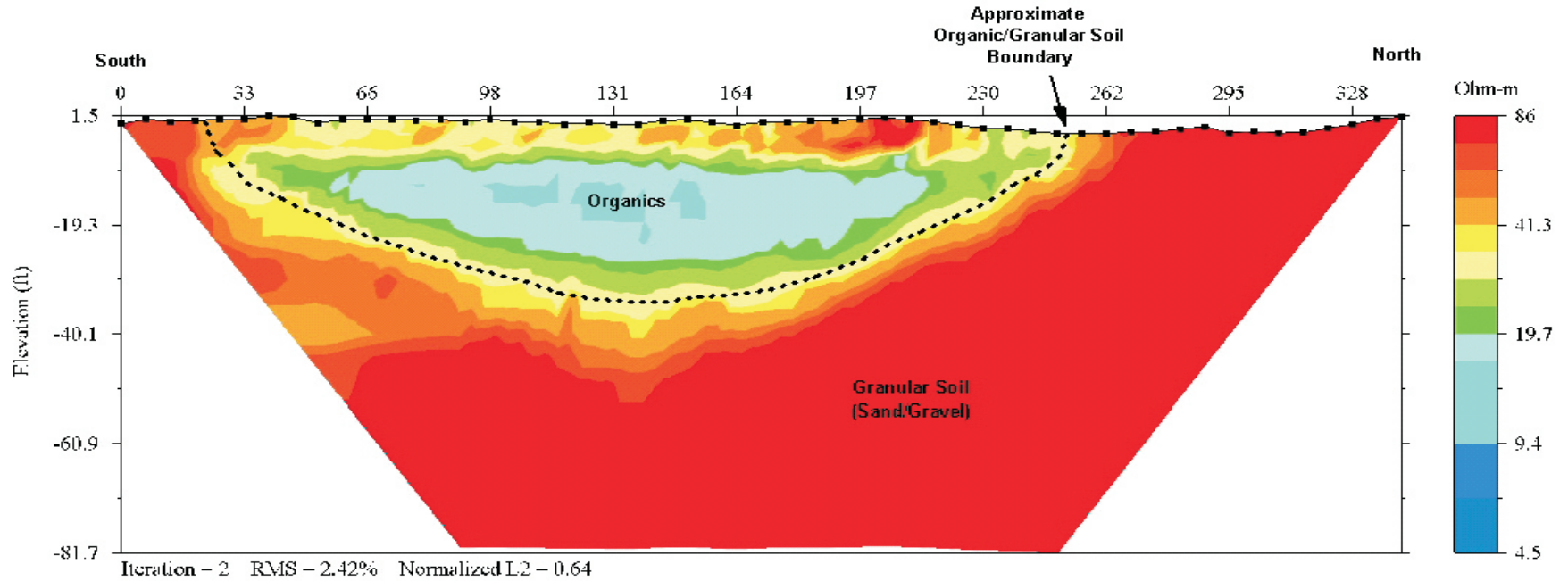


# Proposed Highway Realignment near Brainerd, MN

## SP1810-92 (TH371 @ CR107/29) Electrical Resistivity Profile



Resistivity Imaging was performed to help evaluate the subsurface adjacent to a proposed highway realignment. The survey mapped a large zone of “peat/organics” below the area.

- Objective:** Geotechnical Site Survey for lithologic and organic deposit mapping in advance of a highway realignment.
- Survey date:** November, 2006
- Survey site:** Brainerd, MN USA
- Instrument:** SuperSting R8/IP with 53 electrodes at 6.5 ft spacing
- Electrode array:** Dipole-dipole
- Processing:** Inversion of data using EarthImager 2D inversion software
- Units:** Feet and Ohmmeter



SuperSting 8-channel Resistivity Instrument by



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Data courtesy of the Minnesota Dept. of Transportation, MN USA