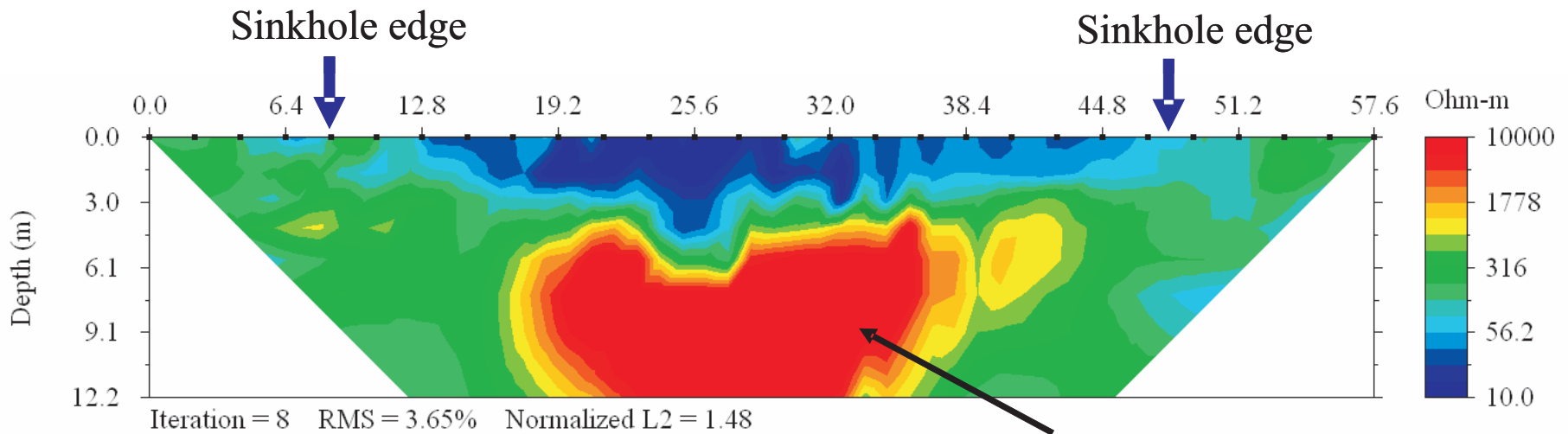


Sinkhole Characterization near San Antonio, TX



Unweathered limestone or air-filled void

Resistivity Imaging was performed to map the extent of a known sinkhole near San Antonio, TX. The sinkhole is well defined by low resistivity. This is interpreted to be due to an increased moisture accumulation in that zone. Also, the large high resistivity below the sink is suspected to be either unweathered limestone or an air-filled void.



Installation of a utility pole

Objective: Geotechnical Site Survey to image across a known sinkhole near San Antonio, TX
Survey date: 2005
Survey site: San Antonio, TX USA
Instrument: SuperSting R8/IP with 28 electrodes at 2.1m spacing
Electrode array: Dipole-dipole
Processing: Inversion of data using EarthImager 2D inversion software
Units: Meters and Ohmmeter



SuperSting 8-channel Resistivity Instrument
by

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Data courtesy of Environmental Geophysics Associates, Spring, TX USA

