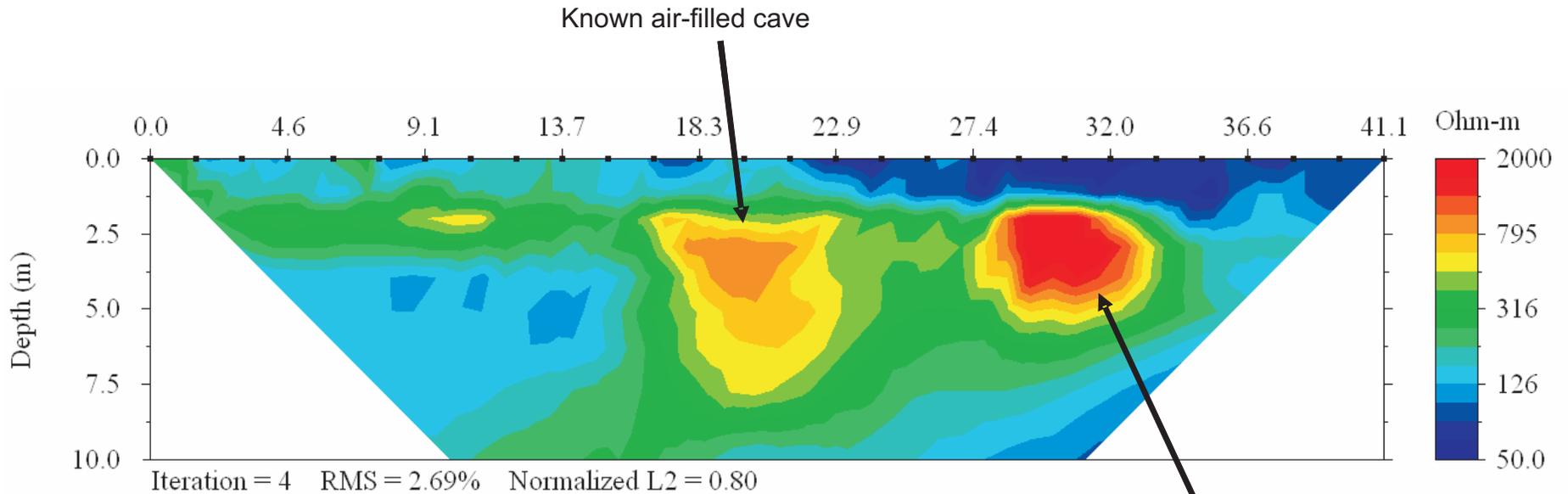


Cave Detection in Texas



Cave entrance

Resistivity Imaging was performed to map the extent of a known cave. The entrance to the cave was visible from the surface (see photo to left). The cave shows a high resistivity and is believed to be air-filled. The data also reveal a similar high anomaly that could represent a second cave.

- Objective:** Geotechnical Site Survey to image across a known cave
- Survey date:** 2005
- Survey site:** Texas USA
- Instrument:** SuperSting R8/IP with 28 electrodes at 1.5 m spacing
- Electrode array:** Dipole-dipole
- Processing:** Inversion of data using EarthImager 2D inversion software
- Units:** Meters and Ohmmeter

Data courtesy of Environmental Geophysics Associates, Spring, TX USA



SuperSting 8-channel Resistivity Instrument
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