

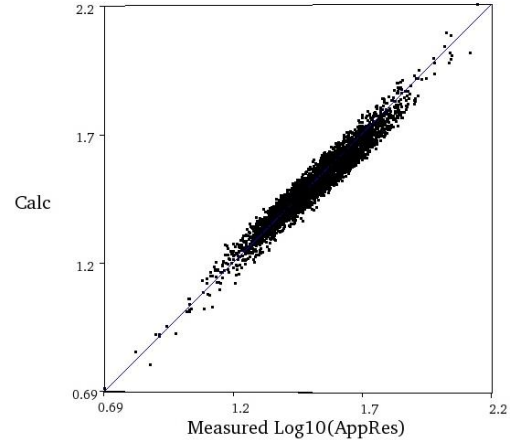
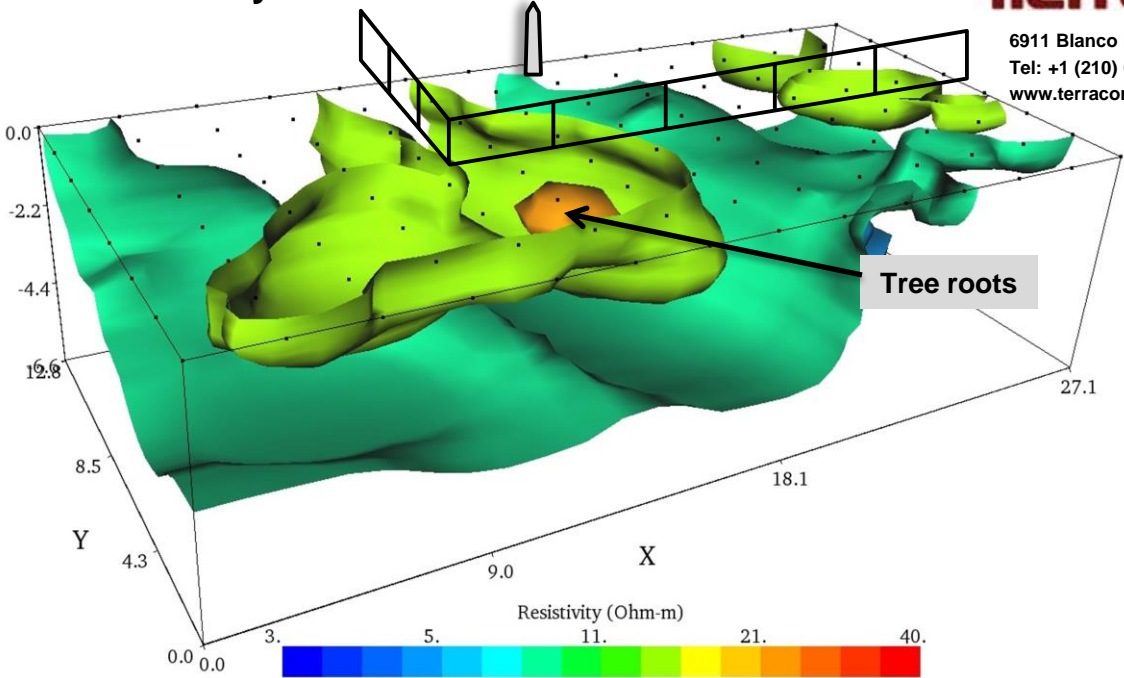
Geotechnical Ground Truthing

Historic Cemetery - Texas



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Iteration No. 8. RMS = 7.2%. L2 = 1.9



Excavated area outside cemetery



Excavation of 3D resistivity anomaly



Gravestone from 1899



More recent artifacts uncovered

Objective: Locate potential unmarked graves

Site: Historic family cemetery in San Antonio, Texas USA dating to 1899

Instrument: SuperSting R8/IP, Switch Box112 and 112 electrodes installed in a 7x6 foot 3D dipole-dipole grid

Software: Earth Imager 3D

Result: 3D resistivity tomography detected an anomaly outside of a 65x35 foot fenced area which was then mechanically excavated to reveal buried roots of a tree. Other structures were also excavated and found to contain fill soil with modern debris. No evidence of graves was encountered outside of the fenced area.

Courtesy of David Yelacic, RPA Archeologist and Jim Major, P.G., Geoscientist at Terracon Consultants, Inc. San Antonio, TX