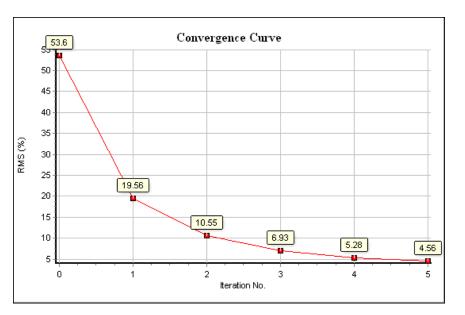
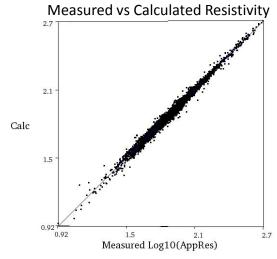


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Raw Data Quality

Number of data over Max AppRes = 0
Number of data below Min AppRes (abs) = 0
Number of data below Min Voltage = 0
Number of data below Min V/I = 0
Number of data over Max Repeat Error = 0
Number of data over Max Recip. Error = 0
Number of surface data below Min AppRes (w/ Neg) = 0
Number of negative AppRes data = 0
Number of reciprocal data to be removed = 0
Number of duplicates = 0

Number of data flagged for removal = 0
Data points to be removed = 7188 (0.0 %)

Iteration No. 5. RMS = 4.6%. L2 = 0.8

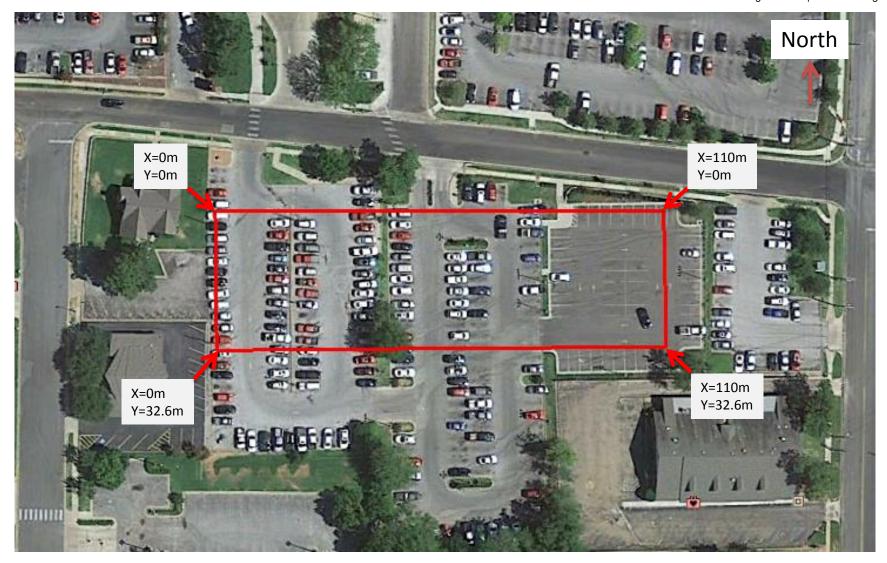
Full 3D Model of 83,912 m³
560 total electrodes installed
7,188 resistivity measurements
Finite Element Cells = 89,964

These plots show that the raw data are very clean and the resulting finite element model fits the raw data well





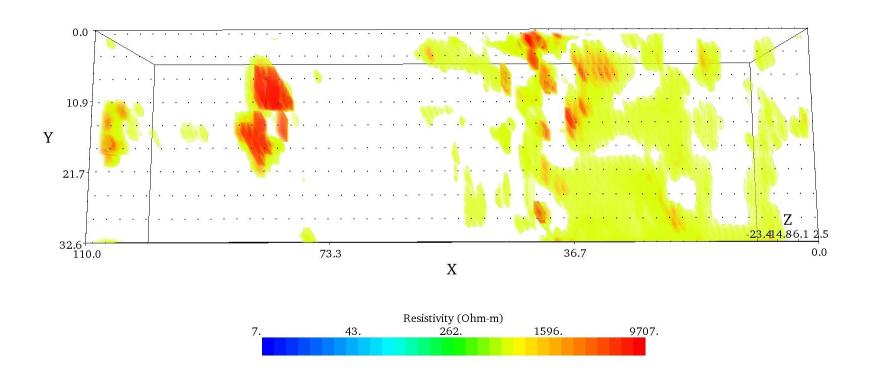
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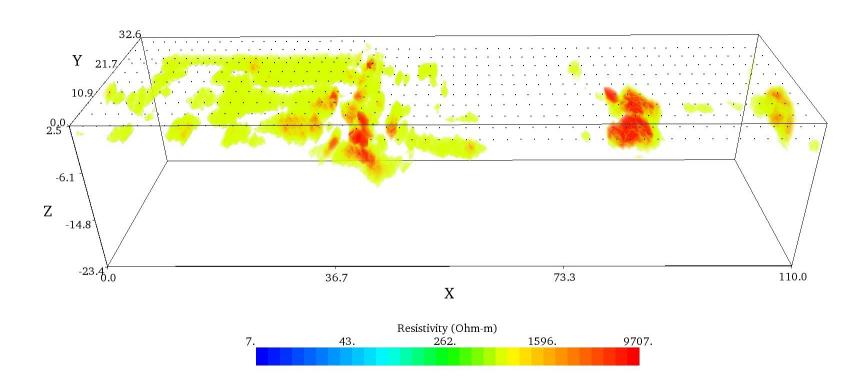


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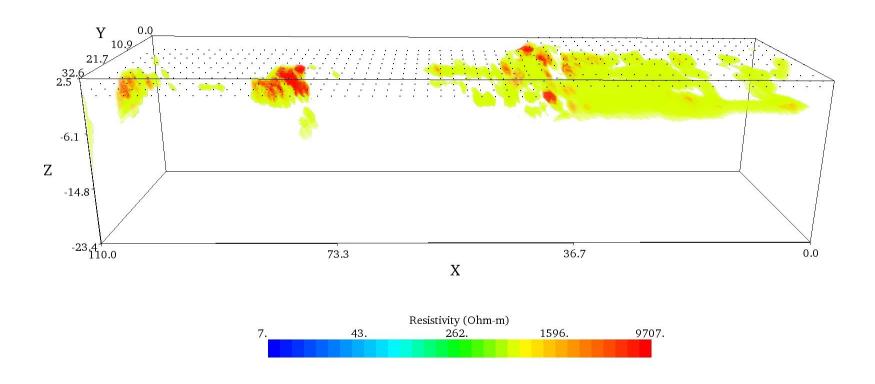
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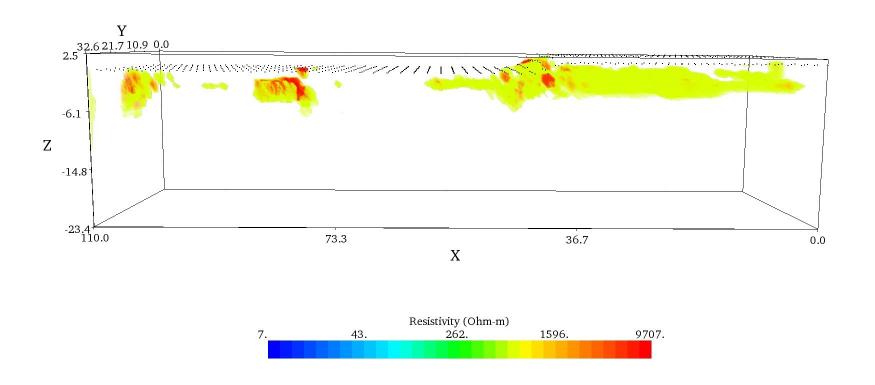
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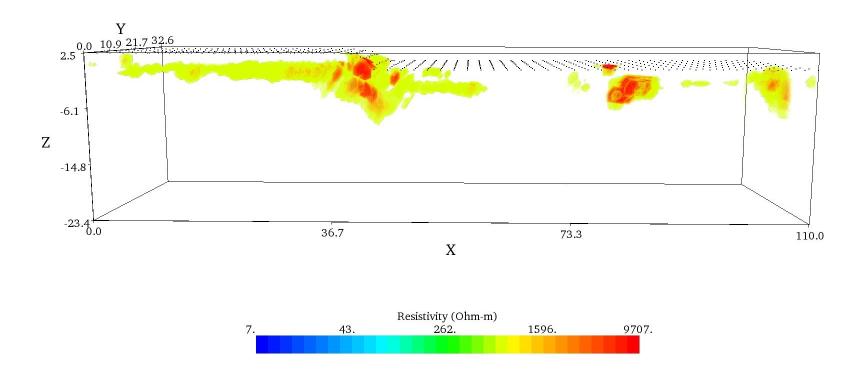
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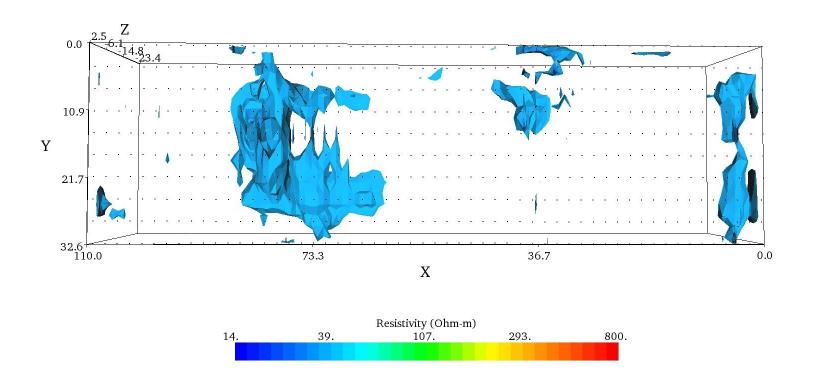


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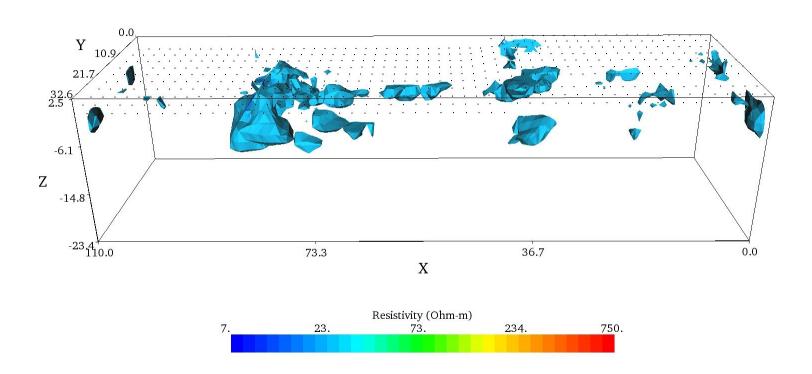
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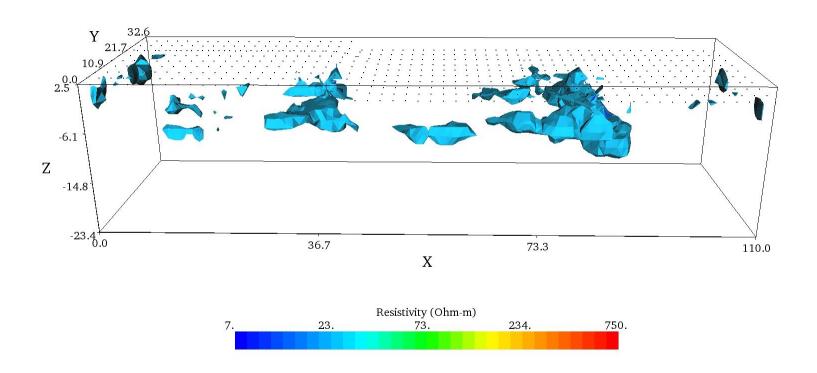
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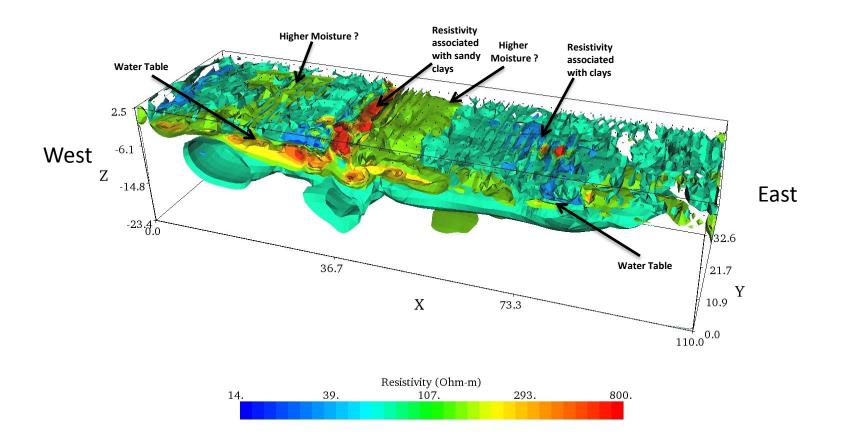
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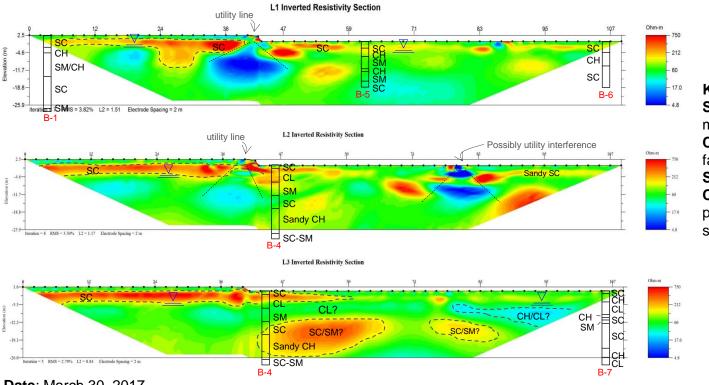
All resistivity values as iso-contours







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Key to Soil terms

SC: Clayey sands, sand-clay mixtures

CH: Inorganic clays of high plasticity, fat clays

SM: Silty sands, sand-silt mixtures **CL**: Inorganic clays of low to medium

plasticity, gravelly clays, sandy clays,

silty clays, lean clays

Date: March 30, 2017

Site: East Texas, USA-Undisclosed Hospital Parking Garage

Equipment: SuperSting R8 WiFi with SwitchBox 56 with passive land cables spaded at 2m. Dipole-Dipole, Strong-Gradient and Dipole-Gradient

arrays

Software: EarthImager 2D with a finite element inversion model

Results: Electrical resistivity imaging successfully delineated the presence of expansive clays and clayey-sands and a shallow water table in a fine-grained soil environment in previously undocumented areas. Available upfront borings correlate well with ERI survey results.







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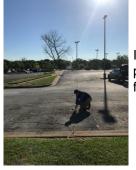




Drilling of asphalt/concrete for electrode stake installation



Installing electrode stake in asphalt/concret e for ERI survey



Installation of passive cable for ERI survey

