

3D NEAR SURFACE ELECTRICAL AND EM MODELING AND INVERSION

EMVision® proprietary software by **TechnoImaging®** allows for large-scale 3D modeling, inversion and interpretation of most types of near-surface electrical and EM surveys, eg:

- Frequency domain loop-loop (EM-34, GF Mini Explorer 6L, etc)
- Dipole-dipole with IP
- OhmMapper

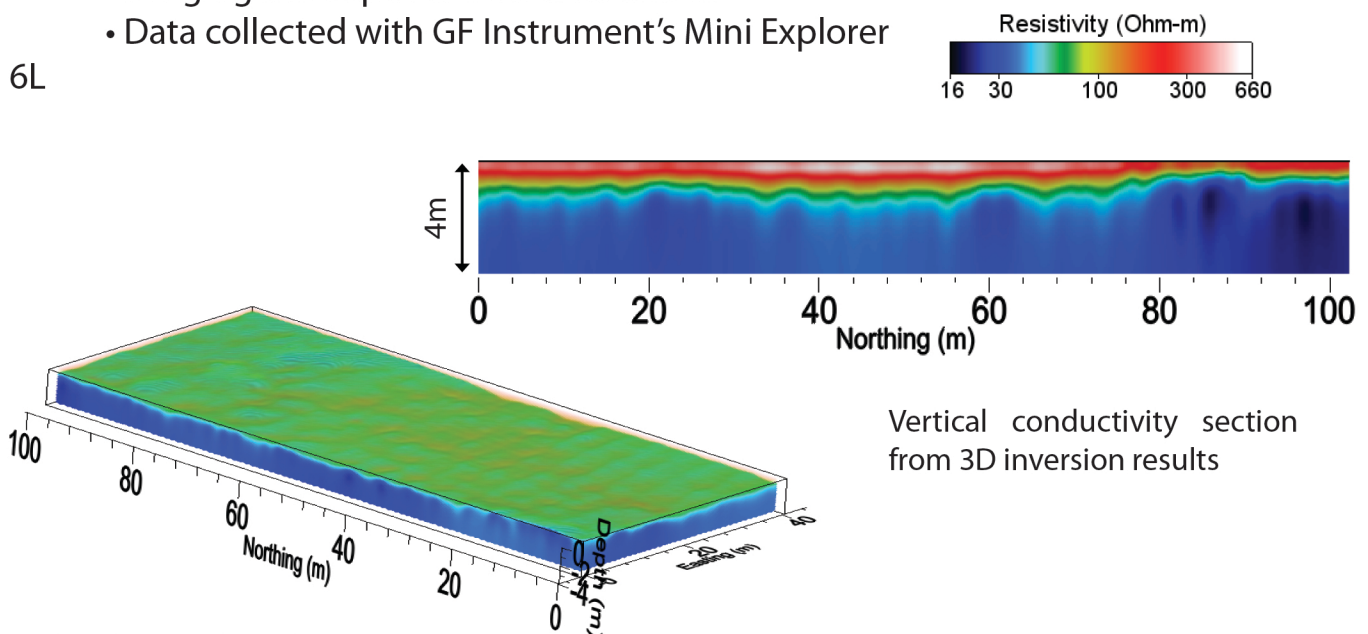
With the following features:

- Full 3D inversion
- No induction number restrictions
- No conductivity restrictions
- Topography can be included

Archeological example

- Imaging the depth to undisturbed soil
- Data collected with GF Instrument's Mini Explorer

6L



Vertical conductivity section from 3D inversion results

Overburden stripped away (>70 Ohm-m) to show plow marks and interface to undisturbed soil

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