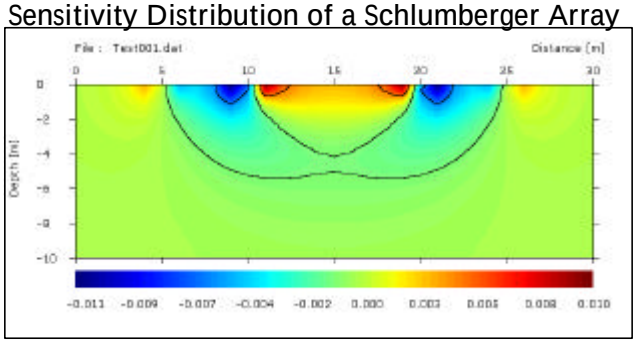
SensInv2D

Inversion and Modelling of 2D Resistivity Data

SensInv2D is an interactive inversion program for subsurface modelling and inversion of DC- geoelectric data using sensitivity analysis. SensInv2D allows you to model and invert arbitrary electrode configurations. SensInv2D enables you to model and invert instationary phenomena by a step wise processing. Making difference tomograms of tracer flow is easy to handle. SensInv2D will support you planning your geoelectric survey. Using the forward modelling tool you will be able to estimate your targets response in front of your planned survey to optimize measurement geometry and survey design.

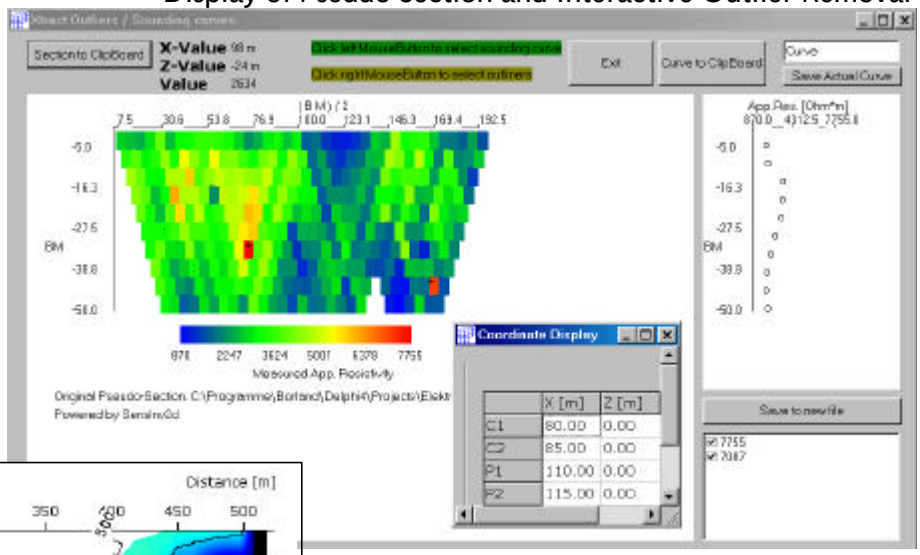
Sensitivity Distribution of a Schlumberger Array



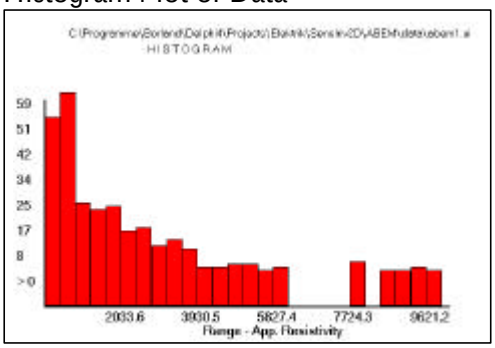
Key features

- Import of other data formats
- Pre-Processing tools for data quality control
- Inversion and Modelling of arbitray electrode configurations
- Inversion of monitoring data
- Sensitivity analysis of electrode configurations
- Contour grid display
- Interactive model generation
- Soft model generation with a-priori information

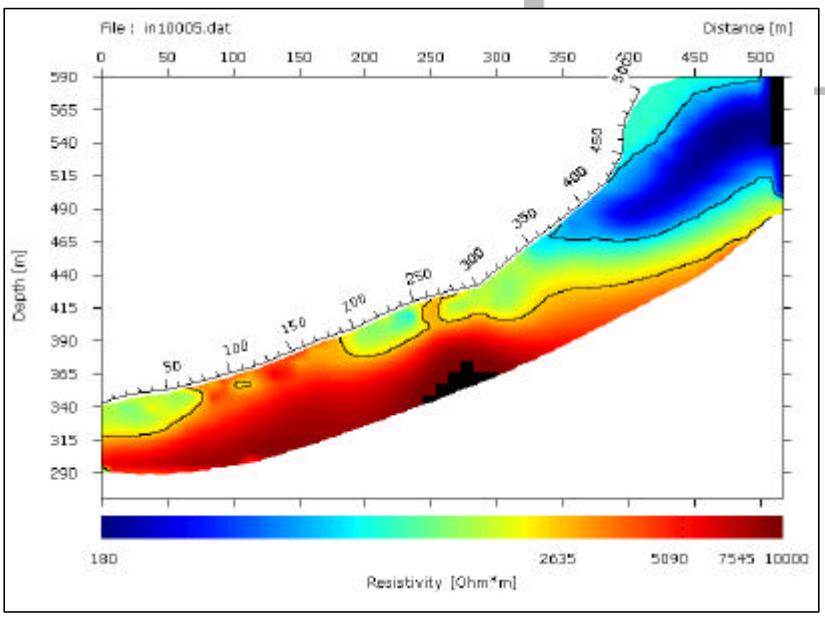
Display of Pseudo Section and Interactive Outlier Removal



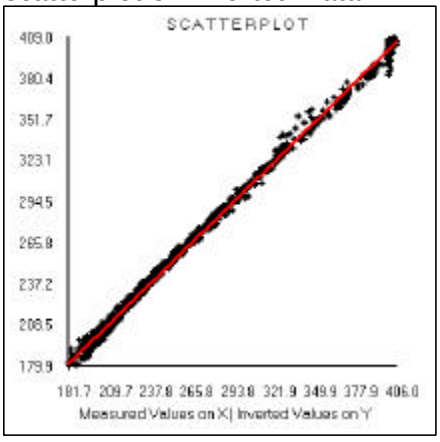
Histogram Plot of Data



Contour Display of Inversion Result



Scatterplot of Inverted Data



Geotomographie Am Tonnenberg 18 Tel.: 02631 / 778135 email: geotomo@t-online.de
Dr. Thomas Fechner 56567 Neuwied Fax.: 02631 / 778136 Internet: http://www.geotomographie.de