U.S. DEPARTMENT OF THE INTERIOR

U.S. GEOLOGICAL SURVEY

Results of Time-Domain Electromagnetic Soundings in Everglades National Park, Florida

by

David V. Fitterman, Maria Deszcz-Pan, and Carl E. Stoddard

Box 25046 MS 964
U.S. Geological Survey
Denver, CO 80225

Open-File Report 99-426

15 September 1999

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards. Any use of trade, product, or firm names is for descriptive purposes only and does not imply endorsement by the U.S. Government.

ABSTRACT

This report describes the collection, processing, and interpretation of time-domain electromagnetic soundings from Everglades National Park. The results are used to locate the extent of seawater intrusion in the Biscayne aquifer and to map the base of the Biscayne aquifer in regions where well coverage is sparse. The data show no evidence of fresh, ground-water flows at depth into Florida Bay.

TABLE OF CONTENTS

ABSTRACT ---------- ii

LIST OF FIGURES ---------- iv

LIST OF PLATES ---------- iv

1. INTRODUCTION ---------- 1

2. HYDROGEOLOGY ---------- 1

3. FIELD PROCEDURE ---------- 2

4. DATA PROCESSING AND INTERPRETATION ---------- 3

5. TYPICAL SOUNDINGS ---------- 3

6. FORMATION RESISTIVITY-WATER QUALITY RELATIONSHIP ---------- 4

7. DISCUSSION ---------- 5
   7.1 Extent of Saltwater Intrusion ---------- 5
   7.2 Base of Biscayne Aquifer ---------- 5
   7.3 Depth to Conductive Layer ---------- 6
   7.4 Freshwater Discharge to Florida Bay ---------- 7

8. CONCLUSIONS ---------- 8

9. REFERENCES ---------- 9

FIGURE CAPTIONS ---------- 11

NOTE ON ACROBAT READER LINKS ---------- 19

APPENDIX 1 DATA SUMMARIES ---------- 20

APPENDIX 2 DATA PLOTS ---------- 85

LIST OF FIGURES

Figure 1 Map showing the location of TEM soundings. 12

Figure 2 Apparent resistivity data and model interpretation for two representative TEM soundings. 13

Figure 3 Scatter plot of formation resistivity as function of water specific conductance from wells in Everglades National Park. 14

Figure 4 Formation resistivity and water specific conductance as a function of chloride ion concentration. 15

Figure 5 Scatter plot of interpreted layer resistivities as a function of depth to bottom of layer. 16

Figure 6 Box plot of interpreted layer resistivities for freshwater and saltwater saturated zones. 17

Figure 7 Cross section from soundings along southern edge of study area. 18

LIST OF PLATES

Plate 1 Locations of time-domain electromagnetic soundings and extent of saltwater intrusion, Everglades National Park.

Plate 2 Depth to base of Biscayne aquifer from time-domain electromagnetic sounding interpretations, Everglades National Park.

Plate 3 Depth to conductive layer from time-domain electromagnetic sounding interpretations, Everglades National Park.

1. INTRODUCTION

A time-domain electromagnetic (TEM) sounding survey was made of Everglades National Park and surrounding areas to map salt-water intrusion, to obtain information about the Biscayne aquifer, and to look for evidence of fresh, ground-water flows to Florida Bay. This and other geophysical studies (Fitterman et al., 1995; Fitterman, 1996; Fitterman and Deszcz-Pan, 1998) are part of a larger effort by the U.S. Geological Survey and the Department of the Interior to study the South Florida Ecosystem (U.S. Geological Survey, 1997). The main focus of the work described in this report was to map saltwater intrusion, however, these data also proved important in removing calibration errors in helicopter electromagetic (HEM) surveys of the area (Deszcz-Pan et al., 1998).

The study area lies principally within Everglades National Park in southern Dade and Monroe Counties of south Florida (see Figure 1). The soundings were distributed so as to provide good areal coverage of the HEM survey flown in December 1994 (Fitterman and Deszcz-Pan, 1998).

A total of 36 soundings were made in August 1995 using a helicopter to reach the sounding locations. An additional 28 soundings were made between March and December 1996 at sites that were accessible by road.

2. HYDROGEOLOGY

Fish and Stewart (1991) have described the general framework of the hydrogeology of the eastern portion of the study area. Using cores recovered from boreholes, they mapped the surficial aquifer system. As only 12 of their wells are located in the study area, the coverage is limited, but adequate for developing a regional hydrogeologic model. The hydrogeology is characterized by three distinct zones, which from the surface to depth are the surficial aquifer system, the intermediate confining unit, and the Floridan aquifer system.

The Floridan aquifer system, because of its great depth (950 to 1000 ft, 290-305 m) in Dade County (Miller, 1986), is beyond the depth of exploration of our TEM measurements and need not be considered. Overlying the Floridan aquifer system is the intermediate confining unit consisting of a 550- to 800-ft (167-243 m) thick sequence of green clay, silt, limestone, and fine sand (Parker et al., 1955, p. 189). These sediments have relatively low permeability and produce little water.

The surficial aquifer system is composed, from top to bottom, of the Biscayne aquifer, a semiconfining unit, the Gray limestone aquifer, and the lower clastic unit of the Tamiami Formation. While the exact definition of the Biscayne aquifer has varied over the years, Fish and Stewart (1991, p. 12) define the Biscayne aquifer as being that part of the surficial aquifer system composed of

> "the Pamlico Sand, Miami Oolite, Anastasia Formation, Key Largo Limestone, and Fort Thompson Formation (all of Pleistocene age), and contiguous, highly permeable beds of the Tamiami Formation of Pliocene and late Miocene age. . . ."

Furthermore, Fish and Stewart require that there be at least a 10-ft (3-m) section of greater than 1000 ft/d (305 m/d) horizontal permeability for these units to be considered part of the aquifer. The base of the Biscayne aquifer is defined as the depth where the subjacent sands and clayey sands fail to meet this permeability criterion. In the study area the Biscayne aquifer ranges from 0 to 100 ft (0-30 m) thick; its thickness increases toward the east. The western extent of the Biscayne aquifer corresponds roughly with the north-south segment of highway SR 9336.

Below the Biscayne, a second aquifer composed of a gray limestone unit of the Tamiami Formation is found at depths of 70 to 160 ft (21-49 m) in western Dade County (Fish, 1988; Fish and Stewart, 1991). While less permeable than the Biscayne aquifer, the gray limestone aquifer is still significant, especially in the western portion of the study area where the Biscayne aquifer does not exist.

3. FIELD PROCEDURE

As most of the study areas is under 0.5 ft (0.15 m) to almost 6 ft (1.8 m) of water during the rainy season, working in the Everglades poses some operational problems, which are not usually encountered in surface geophysical studies. While, in general, sites were selected so as to provide a uniform distribution of stations, specific locations were selected based on the following criteria: ease and safety of helicopter landing, avoidance of hammocks (tree islands) and alligator holes and trails, avoidance of high density saw grass, and avoidance of deep water. Hammocks and trails were avoided for safety reasons. If the saw grass was too dense, it was impossible to walk through it. If the saw grass was too tall, navigating the straight lines required for the TEM transmitter loops was not possible. In deep water areas (greater than 2.5 ft (0.75 m)) the absence of saw grass meant that there was often nothing firm on which to walk.

The TEM transmitter and receiver must be kept dry to function properly. This was accomplished by floating them in plastic storage boxes. The receiver coil was perched on legs made from four-foot long wooden dowels. The transmitter loop was laid out in the form of a square with a side length of 40 m. Marks on the loop wire were used to measure distance, and a right-angle prism assured orthogonality of loop sides. Tall plastic poles were pushed into the ground at the corners of the loops to provide sighting targets. The receiver coil was located at the middle of the transmitter loop by sighting on the corner poles with the right-angle prism. The transmitter wire usually was strung over the saw grass or laid in the water where the grass was sparse. No adverse effects were noted from having the transmitter wire in the water except near Shark River Slough where deeper water was encountered and current leakage out of the transmitter wire may have been more pronounced. In general, a sounding could be completed in 1 to 1-1/2 hours.

A Geonics PROTEM EM47 system was used to make the measurements. After setting up the equipment and adjusting the transmitter current and receiver gain, six or seven measurements were made at base frequencies of 315 and 30 Hz, corresponding to time ranges of 6.8-701 μs and 0.1-7.0 ms, respectively.

4. DATA PROCESSING AND INTERPRETATION

The data from the various measurements were averaged and standard deviations computed. Voltages were converted to late-stage apparent resistivity using the standard formula (Kaufman and Keller, 1983; Spies and Eggers, 1986):

$$\rho_a^{LS} = \frac{\mu_0}{4\pi t}\left(\frac{2\mu_0 L^2 M_r I}{5 t V}\right)^{2/3} \qquad (1)$$

where μ_0 is the magnetic permeability of free space ($4\pi 10^{-7}$ H/m), t is the time since transmitter current turnoff, L is the side length of the square transmitter loop, M_r is the receiver coil turns-area product, I is the transmitter current, and V is the received voltage. All units are SI.

The computed percentage standard deviation typically ranged from 0.1 to 1 percent at times less than 0.7 ms. At times greater than 1 ms the percentage standard deviation increased to values from 1 to 15 percent. Data with apparent resistivity standard deviations greater than 10 percent were usually deleted before interpretation was begun. Data points which deviated from a smooth apparent-resistivity-time plot were also removed. Summaries of the averaged apparent resistivity data are given in Appendix 1.

The TEM response of layered earth models was computed and compared with the data using a commercially available program (TEMIX GL, Interpex Limited, 1993). In this process, called inversion, the model parameters (layer thicknesses and resistivities) were adjusted to reduce the average squared misfit error between the observed and computed responses. The philosophy used in inverting the data was to determine the model with the fewest layers whose response adequately fitted the data. If the data fit did not look satisfactory, additional layers were used, and the model resolution was checked. If the additional layers could be adequately resolved, they were retained; otherwise, the simpler model was used. The resulting models usually had three layers, though a few models had only two or four layers.

5. TYPICAL SOUNDINGS

Most of the TEM soundings fall into one of two types as shown in Figure 2. (Refer to Figure 1 for sounding locations.) Sounding EG111 has a slight initial descending branch between 0.007 and 0.06 ms, a nearly horizontal section from 0.1 to 0.4 ms, and a final descending branch after 0.5 ms. In contrast, sounding EG108 has significantly lower apparent resistivities, as well as a dramatic descending branch (0.007-0.2 ms), a pronounced minimum near 0.36 ms, and an ascending branch (0.6-4 ms). Figure 2b shows the inverted layer resistivities and thicknesses for the two soundings. The interpreted resistivities of soundings EG111 and EG108 behave in a fashion similar to their respective apparent resistivity curves. Sounding EG111 has a monotonic decrease in resistivity with depth, while sounding EG108 has a resistivity minimum.

While the data are modeled with sharp transitions between resistivity values, actual variations in pore water conductivity, geology, and formation resistivity, are likely to be transitional over a finite distance. This point should be kept in mind when using the TEM model results.

For the most part, all of the TEM soundings from our field work are characterized by these two examples. Plots for all of the soundings can be found in Appendix 2. In general, the apparent and interpreted resistivity are lower at locations nearer to the coast than for soundings further landward.

6. FORMATION RESISTIVITY-WATER QUALITY RELATIONSHIP

Borehole geophysical measurements from wells in the study area provide insight into the cause of the low interpreted resistivities found in some of the TEM soundings, such as the second layer of sounding EG108 mentioned previously. From induction logs, which measure formation resistivity, and measurements of water conductivity, both in the borehole and from samples pumped from the wells, the following relationship was established

$$SC = 81200\, \rho_f^{-1.062} \qquad (2)$$

where SC is the specific conductance in µS/cm and ρ_f is the formation resistivity in ohm-m. This relationship (see Figure 3) can be used to convert interpreted layer resistivity to SC of the saturating pore fluid.

Often chloride ion concentration is of interest to hydrogeologic modelers. To convert specific conductance to chloride ion concentration we use a relationship established for surface waters in south Florida shown in Figure 4 (A. C. Lietz, written commun., 1998). The specific conductivity increases nonlinearly with chloride concentration for chloride levels below 650 ppm. At higher chloride concentrations, the relationship becomes linear. Using the south Florida SC-Cl relation and equation (2), the ρ_f-Cl graph in Figure 4 was generated.

The chloride ion concentrations of fresh and saline ground waters are usually quite different resulting in large differences in formation resistivity for fresh and saline saturated geologic materials (Freeze and Cherry, 1979; Archie, 1942; Hearst and Nelson, 1985). The graph shown in Figure 4 provides a way of estimating chloride levels from inverted TEM data, however, it must be stressed that this relationship is based upon an assumption that ground water in the area has the same SC-Cl relationship as surface water. This is a reasonable assumption as the source of Cl is most likely from seawater for both ground and surface water. Because of its statistical nature there is some uncertainty in equation (2), and consequently in the formation-resistivity-chloride relationship. Nonetheless, this relationship is useful provided its limitations are understood.

In Figure 5 the interpreted layer resistivities of the first and second layers for all of the TEM inversion models are plotted as a function of depth to the bottom of the model layer. Most of the data separate into two clusters: those whose

resistivities are greater than 15 ohm-m and those whose resistivities are less than 10 ohm-m

The curve in Figure 4 indicates that formation resistivities of less than 10 ohm-m correspond to chloride levels of more than 2000 ppm. Taking this level as a separation point, the resistivity values of less than 10 ohm-m are interpreted to be saltwater saturated. The interpreted layer resistivity data are shown as box plots in Figure 6. This presentation shows that there is a wide range of resistivity values for the various layers, however, the average resistivity is lower in layer 2 than layer 1. The ratio of average resistivity of freshwater to saltwater saturated zones is 36 and 11 for layers 1 and 2, respectively.

7. DISCUSSION

7.1 Extent of Saltwater Intrusion

In Plate 1 is shown the location of all the TEM soundings. Some of the location symbols have a number associated with them indicating the depth to a resistivity of less than 10 ohm-m. Resistivities this low are associated with saltwater saturation as discussed previously. Also shown are Fish and Stewart's (1991) contours of depth to the base of the Biscayne aquifer. If the conductive layer (less than 10 ohm-m) is shallower than the base of the Biscayne, the site is considered to be saltwater intruded in the Biscayne. Based upon the locations of these points a line representing the freshwater/saltwater interface (FWSWI) was drawn. The density of TEM soundings is high enough to precisely control the location of the FWSWI except in the western part of the survey (near EG124 and EG126). In this region knowledge of the influence of the tidal rivers on the interface has been used in estimating the FWSWI location (Fitterman, 1996; Fitterman and Deszcz-Pan, 1998). The interface extends landward a great distance. At the southern extent of Taylor Slough (near EG120 and EG119) it is about 8-10 km inland. Near the bend in the C-111 canal between EG110 and EG223, the interface moves slightly further landward (10-12 km). West of Nine Mile Pond the interface's location is controlled by the numerous tidal rivers, which extend inland anywhere from 12 to 30 km.

7.2 Base of Biscayne Aquifer

Fish and Stewart (1991) constructed a map showing the depth to the base of the Biscayne aquifer. In Plate 2 their contours, and the 12 wells upon which the contours are based, are shown. In some parts of the map, where the distance between wells is large, the control on the contours is less reliable. For example, across the southern edge of the map the three wells (G3322, G3323, and G3395) used to draw the contours have spacings of 30-40 km between them. In an attempt to improve this situation, a map of the bottom of the Biscayne aquifer based on the TEM interpretations was made. A resistivity change is expected at the base of the Biscayne aquifer because of the difference in hydrologic properties between the Biscayne aquifer, the underlying semiconfining unit, and the gray limestone unit.

The map was constructed using the following criteria. First a map was made of the depth to the bottom of the first layer from TEM sounding landward of the FWSWI shown in Plate 1 to insure that the mapped layer was freshwater saturated. Points that were significantly greater than the Fish and Stewart contours were eliminated from the map. Sometimes the depth to the bottom of the second (or third) layer was used when the first (and second) layer was obviously too thin. Second, for soundings that were saltwater saturated, the depth to the base of the conductive layer was taken as the base of the Biscayne because the semiconfining unit at the base of the Biscayne is usually more resistive than the overlying layers. Again, the depths had to be comparable to the Fish and Stewart contours. Third, the data points were gridded and points which did not fit in smoothly with neighboring points were rejected. Incompatible points were often associated with soundings which had large misfit errors caused by noise from nearby power lines. Finally the retained data points were regridded to produce the final map shown in Plate 2.

The TEM-derived map shows a deepening of the Biscayne in the easterly direction. In general, this map is compatible with the drilling results of Fish and Stewart. Considering the sparse number of wells available to Fish and Stewart and the inherent errors in the TEM depth estimates (perhaps 10-15 percent of total depth), the data are remarkable similar. However, there are some differences. Fish and Stewart show a ridge in the surface starting near well G3319 in the bend of levee L31W, proceeding toward the intersection of the C-111 and C-111E canals, and continuing east of well G3324. The TEM-derived contours, on the other hand, show a basin west of Taylor Slough (EG215 and EG220) and a pronounced valley going from EG111 toward EG108 and EG106. The TEM-derived contours are more east-west oriented near Ingraham Highway, while the well-based contours are more north-south oriented.

7.3 Depth to Conductive Layer

In Plate 3 is shown a map of depth to a conductive layer based on the TEM sounding interpretations.

Several criteria were used in selecting the depth to the conductive layer from the TEM resistivity-depth (ρ-z) interpretations:

1. If a minimum exists in the ρ-z curve, the depth to the minimum resistivity is used. All minima are less than 10 ohm-m, with most less than 5 ohm-m, indicative of saltwater intrusion.

2. If the ρ-z curve decreases with depth, the depth where the resistivity become less than 10 ohm-m is selected.

3. If the ρ-z curve decreases with depth, but the resistivity is always greater than 10 ohm-m, the depth where it becomes less than 30 ohm-m is selected, provided there is a significant reduction in resistivity (factor of 2) from the overlying layer.

Soundings with poor data quality were not used. The selected points were gridded and examined. Data points that produced single point anomalies were eliminated.

The map depth of conductive layer map, shown in Plate 3, is geophysical by definition, but its behavior reflects several hydrogeologic features.

1. The depth to the conductive layer decreases in the seaward direction as a result of saltwater intrusion.
2. The contours deepen under Taylor Slough between EG121 and EG119 suggesting that Taylor Slough is a rather deep feature.
3. The contours deepen along the line of stations to the south of the dog-legged portion of the C-111 canal. This is interpreted as the result of flow through bank cuts along the south side of the canal, which existed at the time the TEM measurements were made. This flow recharges the aquifer and displaces saltwater.
4. An anomalously shallow region is seen between EG206, EG130, and EG207, which is thought to be due to saltwater intrusion from the north-west and from the south of this area. This interpretation is supported by the HEM data (Fitterman and Deszcz-Pan, 1998).

7.4 Freshwater Discharge to Florida Bay

Studies of the south Florida ecosystem have raised questions about the possible existence of fresh, ground-water flows to Florida Bay. If such flows exist, they could have a significant impact on the Florida Bay ecosystem.

From the TEM results discussed previously, it appears that the Biscayne aquifer is saltwater saturated from the FWSWI all the way to Florida Bay. This statement is based upon the location of the FWSWI as shown in Plate 1 and the depth to the conductive layer (see Plate 3). The presence of fresh, ground-water flows seaward of the FWSWI are expected to show up as zones with resistivities greater than 15 ohm-m.

A cross section was constructed from the TEM inversion results for the southern most soundings (Figure 7). For all of the soundings the resistivity is less than 10 ohm-m at depths of 10 m or less. In several cases, the low resistivity zone comes to the surface. These low resistivity zones is often thick. For several soundings (EG302, EG212, EG121, EG107, EG106, and EG105) the low resistivity zone extends to a depth in excess of 40 m. Only sounding EG119 has a thick, high resistivity (69 ohm-m) layer, which is associated with Taylor Slough. The slough also appears as a deep resistive feature in helicopter electromagnetic (HEM) data. The HEM data establish the southern extent of this feature near sounding EG119 (Fitterman and Deszcz-Pan, 1998). Some of the soundings have high resistivity surface layers (EG212, EG121, EG119, EG108, EG106, and EG105) that are likely freshwater saturated material.

The question of whether or not there are fresh, ground-water flows to Florida Bay becomes one of 1) whether or not the thin, high resistivity zones mentioned

above continue to Florida Bay, and 2) if these zones represent ground-water flows. Based on the geophysical data, the search for fresh, ground-water flows should focus on the upper 5 meters in the vicinity of the coast line.

The geophysical data rule out the possibility of thick zones of fresh, ground water south of the FWSWI. However, it is possible for thin, resistive zones to exist, which are not detectable by the TEM soundings. For example, if we consider the sounding taken near Flamingo (EG302), a 2-m thick resistive zone could exist at a depth of 15 m and not be detected. While allowed by the TEM data, other evidence, such as well logs, is required to support the existence of a thin, resistive layer.

8. CONCLUSIONS

The interpreted TEM measurements show a distinct range of layer resistivities, which correspond to freshwater and saltwater saturated materials. Based on this and the results of geophysical borehole measurements, the TEM results have been used to map the FWSWI. In addition to mapping the FWSWI, the TEM soundings provide a more detailed estimate of the depth to the base of the Biscayne aquifer than is possible from the limited number of existing wells. A depth to conductor map was also produced which shows the extent of saltwater intrusion as well as the deep resistive zone associated with Taylor Slough. These maps are of value in developing ground-water flow models of the area. TEM soundings show no evidence of freshwater saturated zones at depth. However, there appear to be high resistivity zones near the surface that could be due to fresh, ground-water flows. The search for flows should be focused on the upper 5 m in the coastal zone.

9. REFERENCES

Archie, G.E., 1942, The electrical resistivity log as an aid to determining some reservoir characteristics: Trans. AIME, v. 146, p. 54-62.

Deszcz-Pan, M., Fitterman, D. V., and Labson, V. F., 1998, Reduction of inversion errors in helicopter EM data using auxiliary information: Exploration Geophysics, v. 29, p. 142-146.

Fish, J.E., 1988, Hydrology, aquifer characteristics, and ground-water flow of the surficial aquifer system, Broward County, Florida: U.S. Geological Survey Water-Resources Investigations Report 87-4034, 92 p.

Fish, J.E., and Stewart, Mark, 1991, Hydrogeology of the surficial aquifer system, Dade County, Florida: U.S. Geological Survey Water-Resources Investigations Report 90-4108, 50 p., 11 plates.

Fitterman, D.V., Fennema, R.J., Fraser, D.C., and Labson, V.F., 1995, Airborne electromagnetic resistivity mapping in Everglades National Park, Florida, in Symposium on the Application of Geophysics to Engineering and Environmental Problems SAGEEP '95, Orlando, Florida, April 23-27, 1995, p. 657-670.

Fitterman, D. 1996, Geophysical mapping of the freshwater/saltwater interface in Everglades National Park, Florida, U.S. Geological Survey Fact Sheet FS-173-96.

Fitterman, D.V., and Deszcz-Pan, M., 1998, Helicopter EM mapping of saltwater intrusion in Everglades National Park, Florida: Exploration Geophysics, v. 29, p. 240-243.

Freeze, R.A., and Cherry, J.A., 1979, Groundwater: Englewood Cliffs, New Jersey, Prentice Hall, 604 p.

Hearst, J.R., and Nelson, P.H., 1985, Well logging for physical properties: New York, McGraw-Hill, 571 p.

Interpex Limited, 1993, TEMIX GL v. 3: Transient electromagnetic interpretation software, user's manual, 434 p.

Kaufman, A.A., and Keller, G.V., 1983, Frequency and Transient Sounding: Amsterdam, Elsevier, 685 p.

Miller, J.A., 1986, Hydrogeologic framework of the Floridan aquifer system in Florida and parts of Georgia, Alabama, and South Carolina: U.S. Geological Survey Professional Paper 1403-B, 91 p.

Parker, G.G., Ferguson, G.E., Love, S.K., and others, 1955, Water resources of southeastern Florida, with special interest to the geology and ground water of the Miami area: U.S. Geological Survey Water-Supply Paper 1255, 965 p.

Spies, B.R., and Eggers, D.E., 1986, The use and misuse of apparent resistivity in electromagnetic methods: Geophysics, v. 51, p. 1462-1471.

U.S. Geological Survey, 1997, U.S. Geological Survey Program on the South Florida Ecosystem – Proceedings of the Technical Symposium in Ft. Lauderdale, Florida, August 25-27, 1997: U.S. Geological Survey Open-File Report 97-385, 100 p.

FIGURE CAPTIONS

Figure 1 Map showing the location of TEM soundings.

Figure 2 Apparent resistivity data and model interpretation for two representative TEM soundings.

Soundings EG111 and EG108, which are located landward and seaward, respectively, of the FWSWI. Sounding locations are shown in Figure 1. Measured apparent resistivity data (avg) are plotted as symbols, while the calculated model results (cal) are plotted as lines. Vertical lines through the data points indicate the estimated uncertainty in the measurements. The data are collected using two transmitter repetition frequencies. The earlier time data are denoted as ultra high (uh), and the later time data are denoted as high (hi).

Figure 3 Scatter plot of formation resistivity as function of water specific conductance from wells in Everglades National Park.

The best fit power law through the data is shown.

Figure 4 Formation resistivity and water specific conductance as a function of chloride ion concentration.

Figure 5 Scatter plot of interpreted layer resistivities as a function of depth to bottom of layer.

Resistivities are coded for layer (rho1, rho2) and water quality (FW for freshwater, SW for saltwater).

Figure 6 Box plot of interpreted layer resistivities for freshwater and saltwater saturated zones.

FW and SW designate freshwater and saltwater, respectively. The number indicates the TEM model layer.

Figure 7 Cross section from soundings along southern edge of study area.

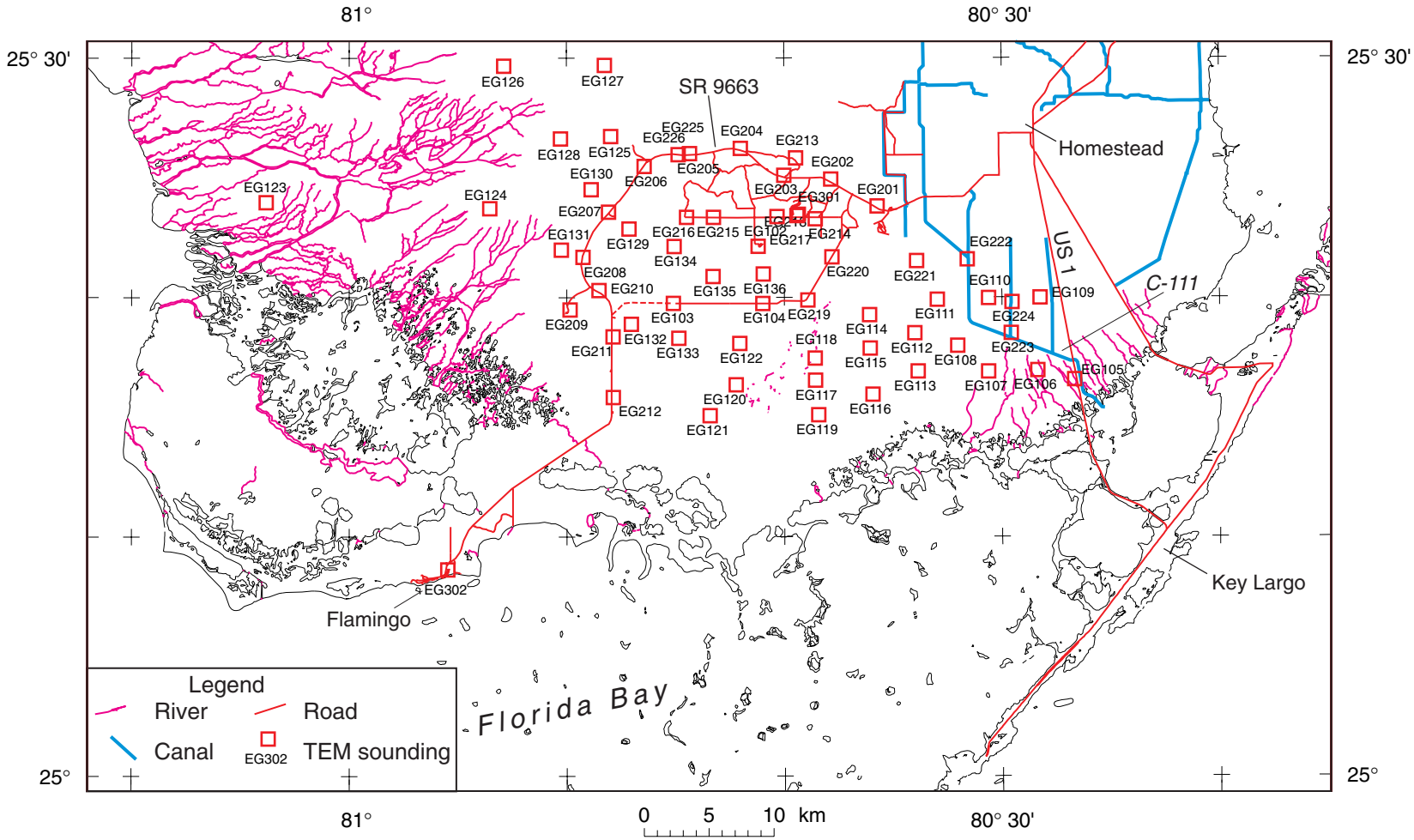


Figure 1 Map showing the location of TEM soundings.

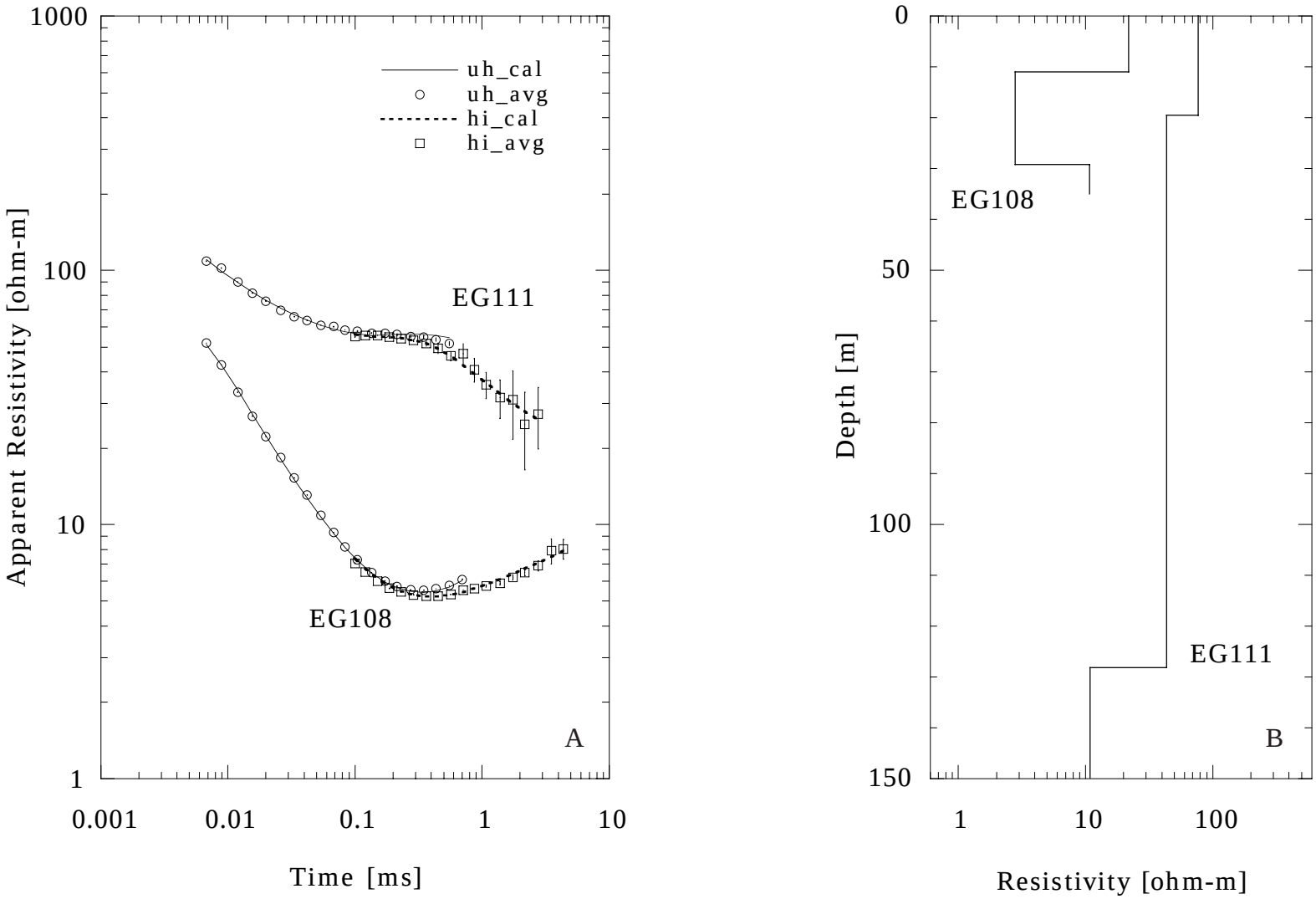


Figure 2 Apparent resistivity data (A) and model interpretation (B) for two representative TEM soundings. Soundings EG111 and EG108, which are located landward and seaward, respectively, of the FWSWI. Sounding locations are shown in Figure 1. Measured apparent resistivity data (avg) are plotted as symbols, while the calculated model results (cal) are plotted as lines. Vertical lines through the data points indicate the estimated uncertainty in the measurements. The data are collected using two transmitter repetition frequencies. The earlier time data are denoted as ultra high (uh), and the later time data are denoted as high (hi).

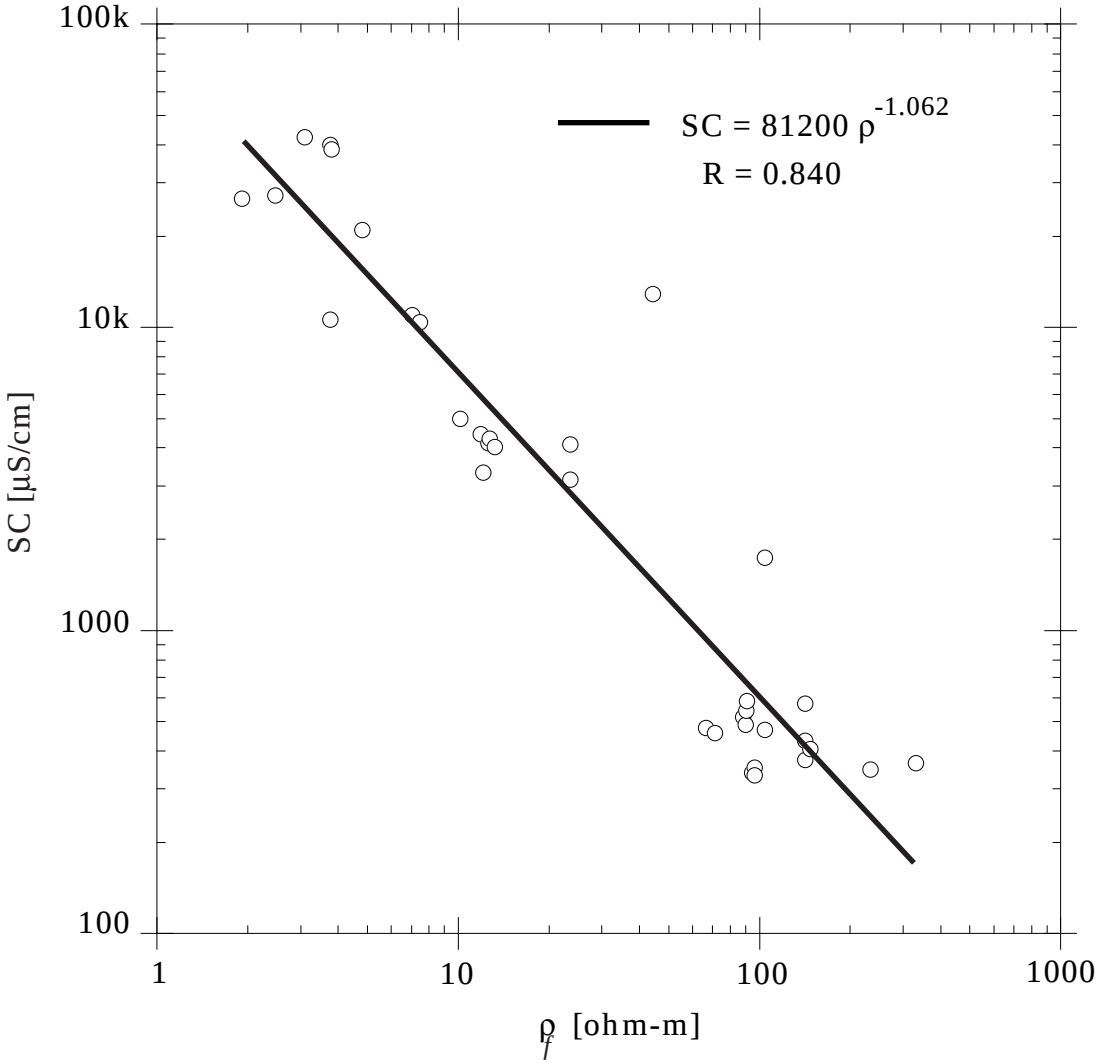


Figure 3 Scatter plot of formation resistivity as a function of water specific conductance from wells in Everglades National Park. The best fit power law through the data is shown.

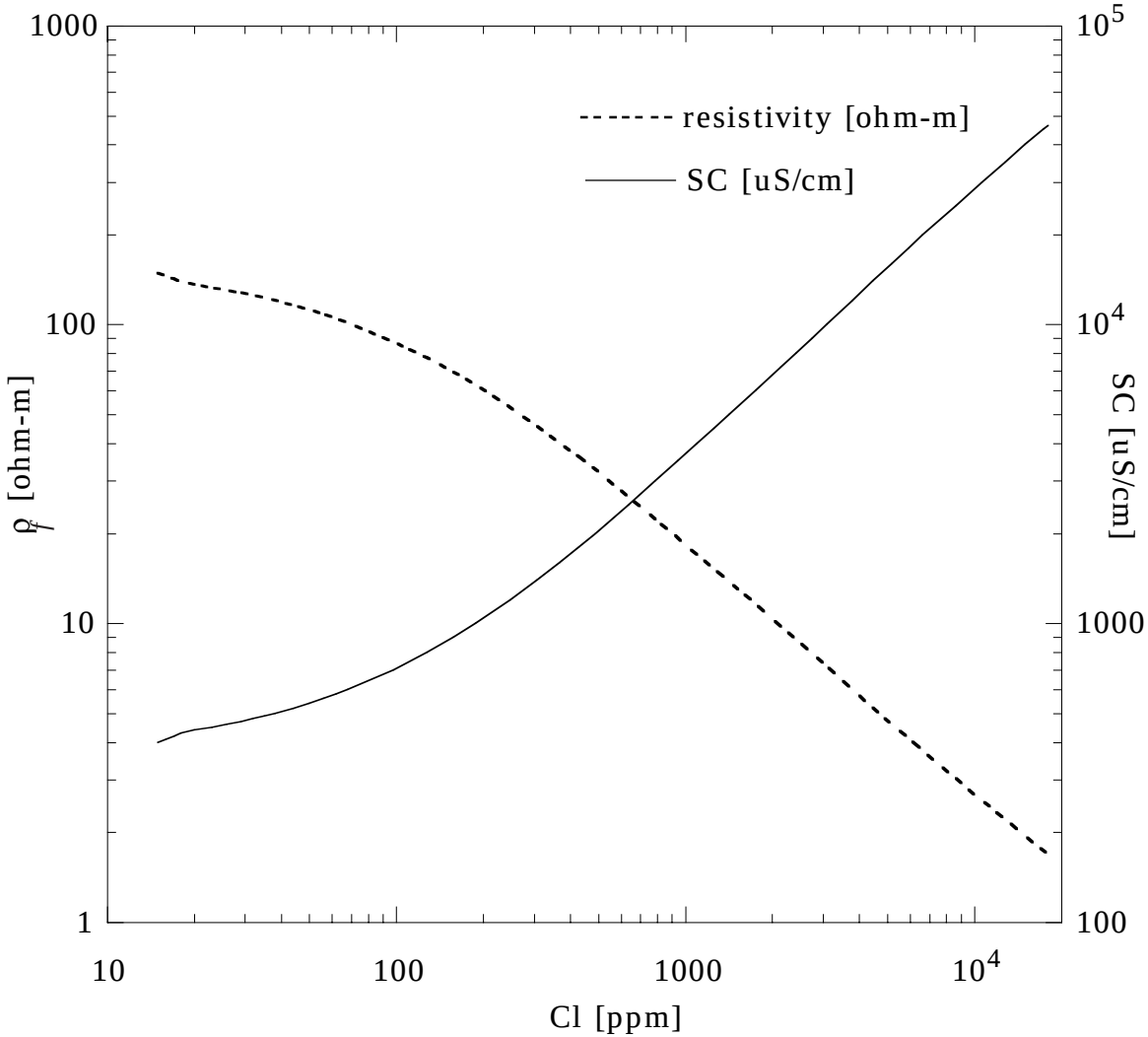


Figure 4 Formation resistivity and water specific conductance as a function of chloride ion concentration.

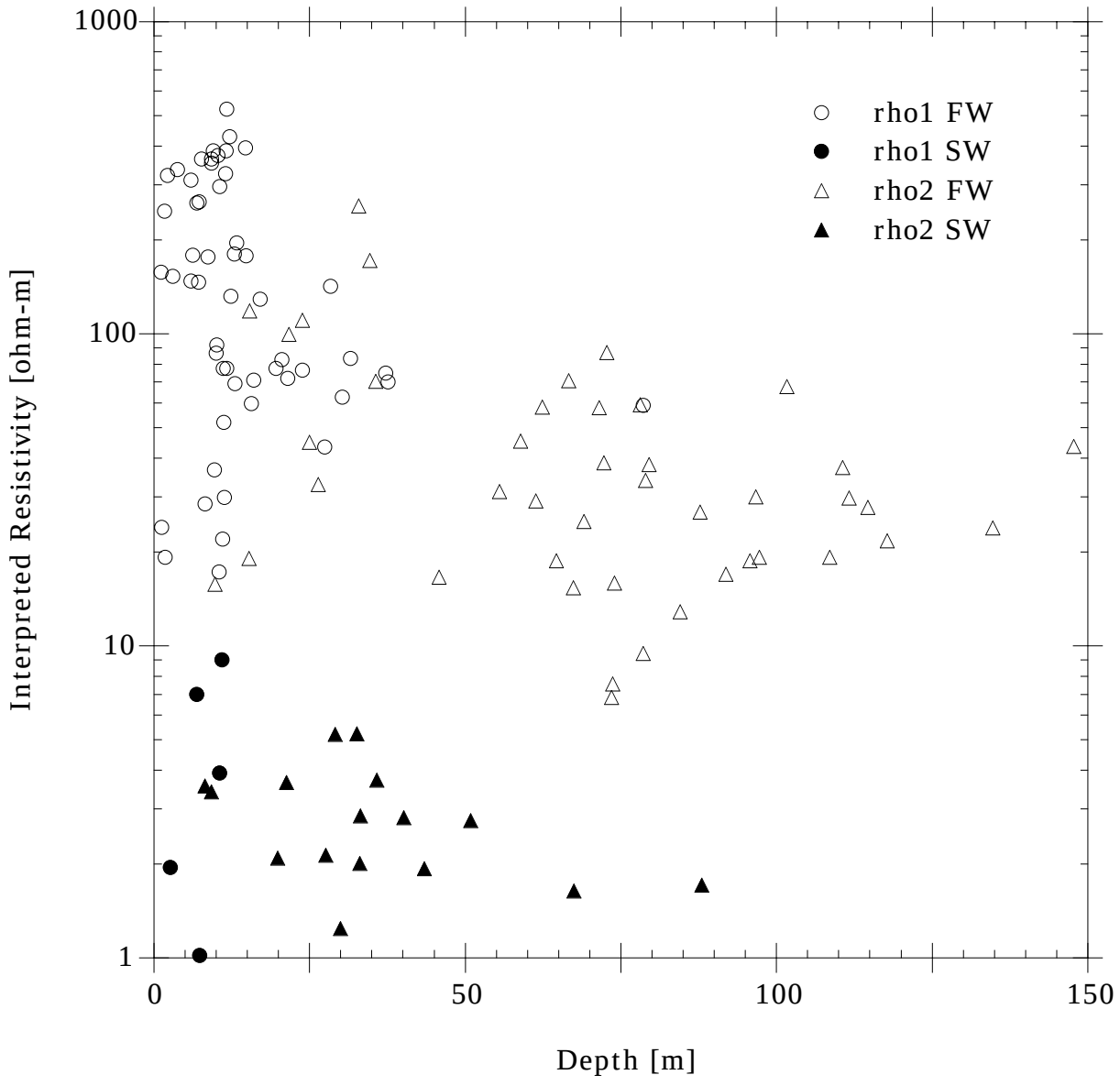


Figure 5 Scatter plot of interpreted layer resistivities as a function of depth to bottom of layer. Resistivities are coded for layer (rho1, rho2) and water quality (FW for freshwater, SW for saltwater).

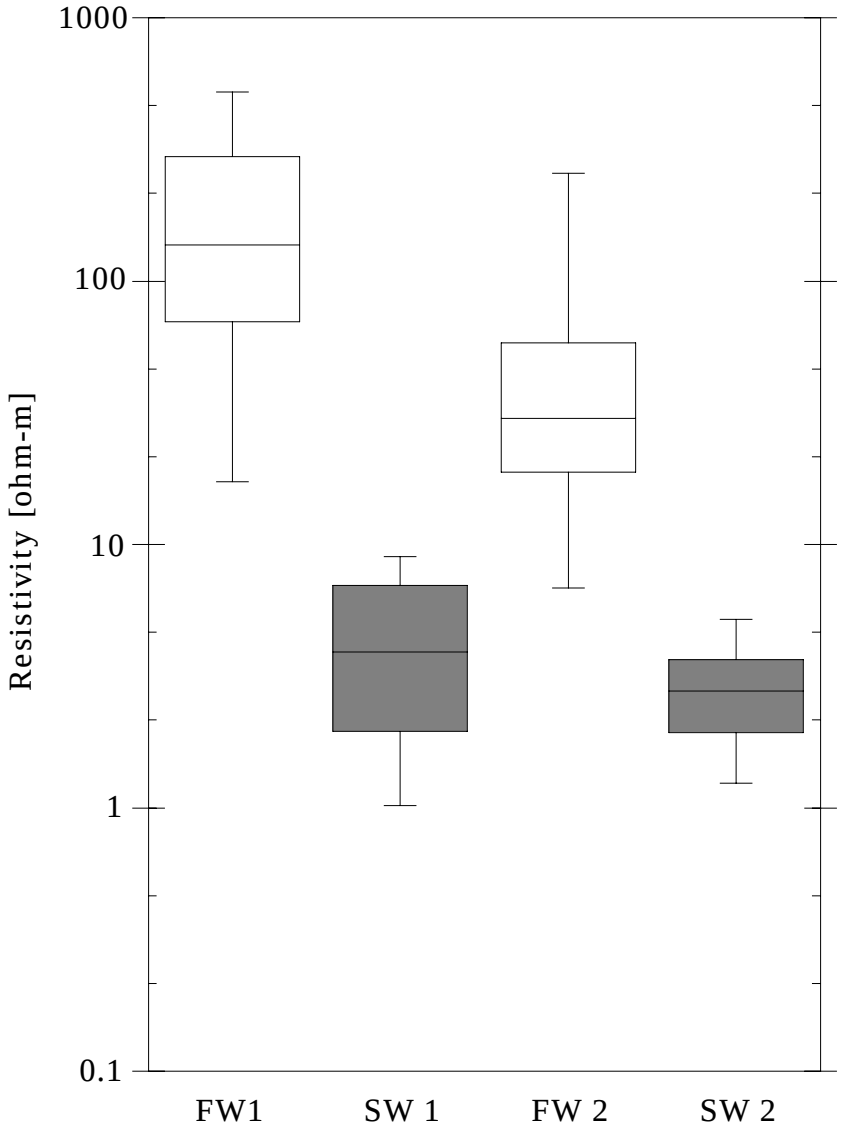


Figure 6 Box plot of interpreted layer resistivities for fresh-water and salt-water saturated zones. FW and SW designate freshwater and saltwater, respectively. The number indicates the TEM model layer.

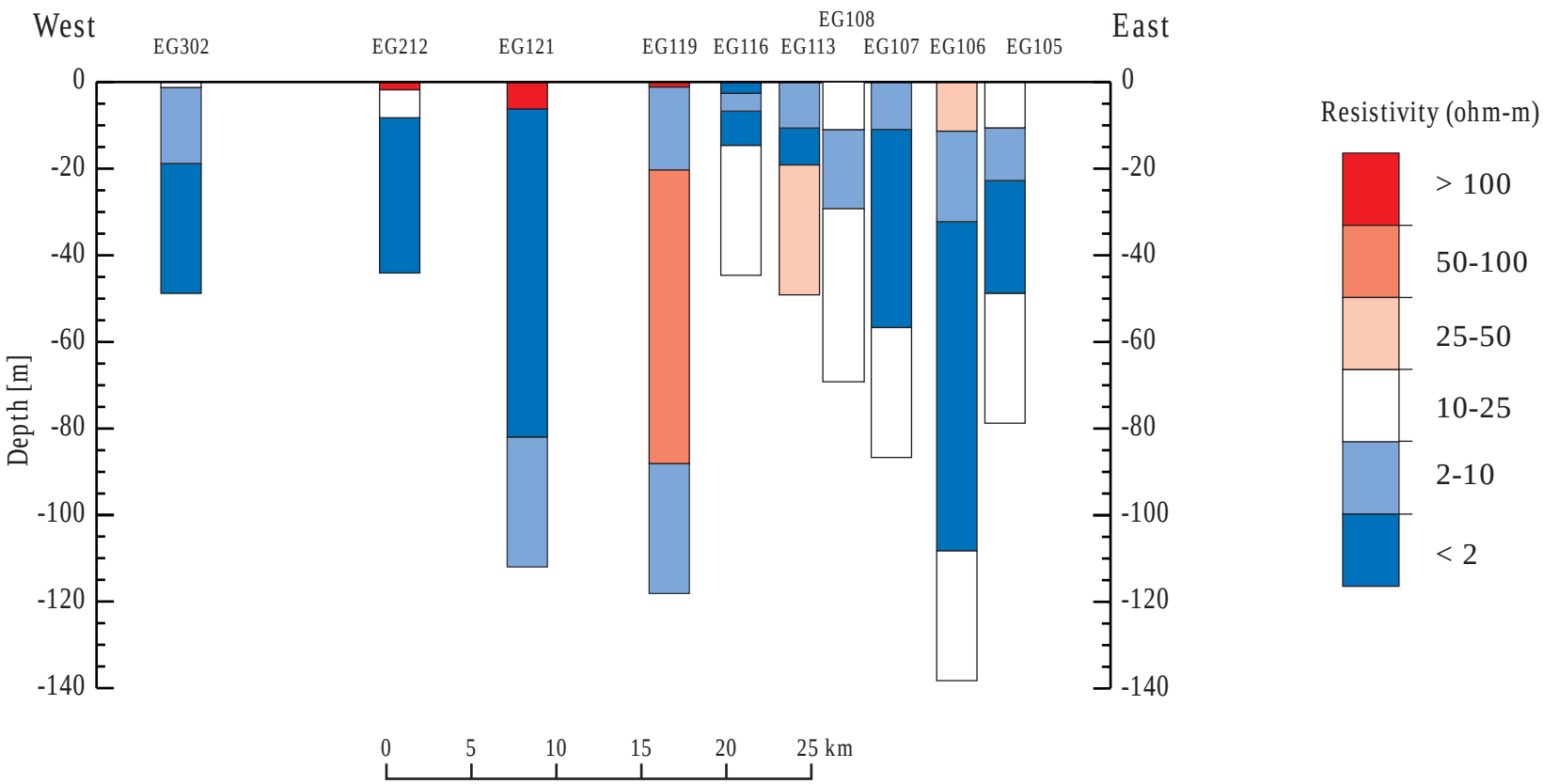


Figure 7 Cross section from soundings along southern edge of study area.

NOTE ON ACROBAT READER LINKS

This document was constructed to be read with Adobe Acrobat Reader. Several types links have been included to make navigation using Acrobat Reader easier.

1. Links to figures are marked in red in the text (for example, Figure 1).
2. Links to plates are marked in blue (for example, Plate 1)
3. The Table of Contents contains unhighlighted links to the various sections of the report. Bookmarks have also been created in Acrobat to assist with navigation.
4. The TEM location symbols in all of the plates are unhighlighted links to the data plots in Appendix 2.
5. The list of data summaries in Appendix 1 are links to the tabular data summaries (for example EG121).
6. The list of data plots in Appendix 2 are linked to the plots (for example EG201).
7. The titles of all of the data plots found in Appendix 2 are unhighlighted links to the associated data summary found in Appendix 1. For example in the first data plot, clicking on the sounding name (EG102) above the apparent-resistivity-time plot will jump to the data summary for the sounding EG102.

APPENDIX 1 DATA SUMMARIES

This appendix contains the measurement parameters (loop size, transmitter current, receiver gain, and receiver coil size), measured apparent resistivity-time data, uncertainty estimates for the measured data, computed best-fit model response, and the interpreted resistivity-depth model in tabular form for all of the TEM soundings. Data for two transmitter repetition frequencies were recorded for each sounding. The various parameters are described below.

1. Sounding: sounding identifier
2. Date: date measurement was made
3. Location: latitude and longitude of measurement point in degree-minutes-seconds.
4. UTM Coord: measurement point location given as kilometers of northing and false easting in UTM zone 17.
5. Comment: descriptive comment on location or measurement
6. TX loop size: length of parallel sides of the transmitter loop (All loops were squares.)
7. RX location: offset of receiver coil from center of transmitter loop (All arrays had the receiver coil at the center of the transmitter loop.)
8. Model: resistivity and layer thickness of best-fit, layered-earth model
9. Fit Error: weighted average of misfit error between measured and computed model response
10. System: TEM system identifier (All measurements were made using a Geonics EM-47.)
11. Freq: repetition frequency of transmitter wave form
12. Data Set Code: code corresponding to the transmitter repetition frequency
13. TX Cur: transmitter current
14. Turn Off: transmitter turnoff time
15. RX Moment: effective area of the receiver coil
16. Gain Setting: gain setting of the Geonics EM-47. (Actual receiver gain is given by $52.1 \cdot 2^G$ where G is the gain setting.)
17. Time: time of apparent resistivity measurement after transmitter turnoff
18. rhoa_obs: averaged value of observed apparent resistivity
19. obs_err: estimated uncertainty in the observed apparent resistivity
20. mask: indicator of whether data were used (u), masked (m) from inversion but plotted, or discarded (d) because errors were too large
21. rhoa_cal: computed apparent resistivity from best-fit model

Below is a list of data summaries. Click on the sounding name to display the data summary.

EG102	EG118	EG134	EG214
EG103	EG119	EG135	EG215
EG104	EG120	EG136	EG216
EG105	EG121	EG201	EG217
EG106	EG122	EG202	EG218
EG107	EG123	EG203	EG219
EG108	EG124	EG204	EG220
EG109	EG125	EG205	EG221
EG110	EG126	EG206	EG222
EG111	EG127	EG207	EG223
EG112	EG128	EG208	EG224
EG113	EG129	EG209	EG225
EG114	EG130	EG210	EG226
EG115	EG131	EG211	EG301
EG116	EG132	EG212	EG302
EG117	EG133	EG213	

Sounding: EG102 Survey: Everglades National Park Date: 17-AUG-95
Location: N 25d 23m 22s W 80d 40m 20s UTM Coord: E[km] 532.98 N[km] 2807.96
Comment: Good -- truck moved

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	71.85	21.50
2	16.99	48.90
3	5.47	--

Fit Error[%]: 4.439

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	113.9	1.2	u	111.8
2	0.00890	99.0	1.4	u	98.4
3	0.01200	83.0	1.5	u	84.3
4	0.01570	71.0	1.5	u	73.3
5	0.02000	62.8	1.5	u	64.4
6	0.02610	54.7	1.4	u	56.3
7	0.03340	49.7	1.3	u	50.0
8	0.04210	46.6	1.3	u	45.3
9	0.05410	43.1	1.3	u	41.1
10	0.06820	42.1	1.3	u	38.2
11	0.08380	38.4	1.4	u	36.1
12	0.10460	34.1	1.4	u	34.3
13	0.13560	32.2	1.4	u	32.5
14	0.17230	31.0	1.4	u	30.9
15	0.21490	29.1	1.1	u	29.4
16	0.27500	27.3	1.4	u	27.6
17	0.34900	25.7	1.2	u	25.8
18	0.43600	24.1	1.1	u	24.3
19	0.55500	22.6	1.2	u	22.8
20	0.70100	21.5	1.0	u	21.7

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	33.1	0.8	u	34.3
2	0.12100	31.1	0.7	u	32.8
3	0.15100	30.7	0.7	u	31.1
4	0.18800	28.6	0.8	u	29.3
5	0.23100	27.3	0.9	u	27.4
6	0.29100	25.1	0.7	u	25.3
7	0.36500	23.3	0.8	u	23.1
8	0.45200	21.4	1.7	u	21.1
9	0.57000	19.3	1.0	u	19.1
10	0.71200	18.0	1.6	u	17.4
11	0.87100	16.1	3.0	u	16.0
12	1.08000	14.8	7.2	u	14.7
13	1.39000	13.6	11.2	m	13.4
14	1.75000	11.9	14.9	m	12.4
15	2.18000	11.0	21.5	m	11.6
16	2.78000	9.2	15.9	m	10.9
17	3.52000	8.2	26.7	d	-
18	4.39000	7.3	36.9	d	-
19	5.56000	5.7	60.3	d	-
20	7.04000	4.3	68.7	d	-

Sounding: EG103 Survey: Everglades National Park Date: 08-AUG-95
Location: CYP3 Well Site UTM Coord: E[km] 525.00 N[km] 2801.26
Comment: Ingraham Highway

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	69.28	13.00
2	3.71	9.80
3	1.17	9.80
4	9.88	--

Fit Error[%]: 2.355

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.01230	50.7	0.3	u	50.9
2	0.01440	44.7	0.2	u	44.6
3	0.01750	38.4	0.2	u	38.1
4	0.02120	33.3	0.1	u	33.1
5	0.02550	29.0	0.2	u	29.0
6	0.03160	25.1	0.2	u	25.1
7	0.03890	21.5	0.2	u	21.8
8	0.04760	18.9	0.2	u	18.9
9	0.05960	15.9	0.1	u	16.0
10	0.07370	13.4	0.2	u	13.5
11	0.08930	11.5	0.1	u	11.4
12	0.11010	9.7	0.2	u	9.6
13	0.14110	7.9	0.1	u	7.8
14	0.17780	6.7	0.2	u	6.7
15	0.22040	5.8	0.1	u	5.8
16	0.28050	5.2	0.1	u	5.2
17	0.35450	4.7	0.2	u	4.8
18	0.44150	4.5	0.1	u	4.5
19	0.56050	4.3	0.2	u	4.4
20	0.70650	4.4	0.5	u	4.5

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10500	9.7	0.2	u	9.8
2	0.12600	8.5	0.3	u	8.4
3	0.15600	7.2	0.2	u	7.1
4	0.19300	6.2	0.3	u	6.1
5	0.23600	5.5	0.2	u	5.4
6	0.29600	4.9	0.3	u	4.9
7	0.37000	4.4	0.3	u	4.5
8	0.45700	4.2	0.3	u	4.2
9	0.57500	4.0	0.4	u	4.0
10	0.71700	4.0	0.3	u	4.0
11	0.87600	4.0	0.4	u	4.0
12	1.08000	4.0	0.8	u	4.0
13	1.39000	4.2	0.6	u	4.1
14	1.75000	4.5	2.4	u	4.3
15	2.18000	4.8	1.9	u	4.5
16	2.78000	4.7	2.1	u	4.8
17	3.52000	5.3	6.4	u	5.2
18	4.39000	5.4	10.6	u	5.5
19	5.56000	5.9	25.7	m	6.0
20	7.04000	6.2	34.8	m	6.5

Sounding: EG104 Survey: Everglades National Park Date: 08-AUG-95
Location: CYP2 Well Site UTM Coord: E[km] 531.89 N[km] 2801.26
Comment: Ingraham Highway

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	86.74	10.00
2	5.19	9.10
3	50.69	61.20
4	6.60	--

Fit Error[%]: 2.358

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	65.9	0.5	u	67.4
2	0.00890	52.5	0.3	u	50.4
3	0.01200	37.4	0.1	u	37.1
4	0.01570	28.7	0.1	u	29.0
5	0.02000	23.6	0.2	u	23.9
6	0.02610	19.8	0.2	u	20.0
7	0.03340	17.4	0.1	u	17.7
8	0.04210	16.3	0.2	u	16.2
9	0.05410	15.3	0.1	u	15.2
10	0.06820	15.2	0.2	u	14.8
11	0.08380	15.1	0.1	u	14.8
12	0.10460	15.5	0.1	u	15.2
13	0.13560	16.1	0.4	u	15.9
14	0.17230	17.2	0.4	u	17.0
15	0.21490	18.3	0.6	u	18.2
16	0.27500	19.5	0.1	u	19.7
17	0.34900	21.0	0.3	u	21.1
18	0.43600	21.9	0.5	u	22.1
19	0.55500	22.4	0.8	u	22.8
20	0.70100	22.9	1.0	u	23.2

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	14.5	0.2	u	15.0
2	0.12100	15.2	0.2	u	15.5
3	0.15100	16.2	0.2	u	16.3
4	0.18800	17.3	0.2	u	17.3
5	0.23100	18.4	0.7	u	18.3
6	0.29100	19.5	0.2	u	19.3
7	0.36500	20.4	0.6	u	20.0
8	0.45200	20.6	0.6	u	20.3
9	0.57000	20.0	1.4	u	19.9
10	0.71200	19.3	2.7	u	19.1
11	0.87100	18.5	4.6	u	18.2
12	1.08000	17.0	8.8	u	17.1
13	1.39000	15.9	6.7	u	15.9
14	1.75000	14.9	16.0	m	14.8
15	2.18000	14.4	30.2	d	-
16	2.78000	13.4	26.0	d	-
17	3.52000	15.8	68.5	d	-
18	4.39000	12.6	32.5	d	-
19	5.56000	26.7	100.0	d	-
20	7.04000	19.1	100.0	d	-

Sounding: EG105 Survey: Everglades National Park Date: 09-AUG-95
Location: Near EP12R well site UTM Coord: E[km] 555.94 N[km] 2795.48
Comment: Eastern Panhandle

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	17.28	10.50
2	2.01	12.10
3	1.19	26.00
4	12.80	--

Fit Error[%]: 2.035

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 1.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	46.5	0.4	u	46.2
2	0.00890	39.0	0.2	u	38.9
3	0.01200	30.9	0.1	u	31.4
4	0.01570	24.9	0.1	u	25.3
5	0.02000	20.5	0.1	u	20.7
6	0.02610	16.7	0.1	u	16.6
7	0.03340	13.8	0.1	u	13.7
8	0.04210	11.8	0.2	u	11.6
9	0.05410	9.9	0.2	u	9.8
10	0.06820	8.5	0.2	u	8.5
11	0.08380	7.5	0.1	u	7.5
12	0.10460	6.6	0.1	u	6.7
13	0.13560	5.8	0.1	u	5.8
14	0.17230	5.2	0.1	u	5.2
15	0.21490	4.7	0.3	u	4.7
16	0.27500	4.2	0.2	u	4.2
17	0.34900	3.8	0.1	u	3.8
18	0.43600	3.4	0.2	u	3.5
19	0.55500	3.1	0.2	u	3.2
20	0.70100	2.9	0.2	u	3.0

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	6.6	0.6	u	6.7
2	0.12100	6.0	0.6	u	6.0
3	0.15100	5.4	0.5	u	5.4
4	0.18800	4.8	0.5	u	4.8
5	0.23100	4.4	0.5	u	4.3
6	0.29100	3.9	0.4	u	3.8
7	0.36500	3.5	0.4	u	3.4
8	0.45200	3.1	0.4	u	3.1
9	0.57000	2.8	0.4	u	2.7
10	0.71200	2.5	0.4	u	2.5
11	0.87100	2.4	0.5	u	2.3
12	1.08000	2.2	0.8	u	2.2
13	1.39000	2.2	1.0	u	2.1
14	1.75000	2.2	1.3	u	2.1
15	2.18000	2.2	1.8	u	2.1
16	2.78000	2.2	1.4	u	2.2
17	3.52000	2.3	2.1	u	2.3
18	4.39000	2.4	4.2	u	2.5
19	5.56000	2.7	6.0	u	2.7
20	7.04000	3.4	16.0	d	-

Sounding: EG106 Survey: Everglades National Park Date: 09-AUG-95
Location: N 25d 16m 57s W 80d 28m 22s UTM Coord: E[km] 553.08 N[km] 2796.17
Comment: Eastern Panhandle

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	29.92	11.30
2	1.93	20.90
3	1.34	75.90
4	11.34	--

Fit Error[%]: 1.525

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 1.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	66.7	0.4	u	66.4
2	0.00890	53.2	0.2	u	53.0
3	0.01200	39.8	0.1	u	40.0
4	0.01570	30.7	0.1	u	31.1
5	0.02000	24.4	0.1	u	24.7
6	0.02610	19.3	0.1	u	19.4
7	0.03340	15.6	0.1	u	15.7
8	0.04210	13.1	0.2	u	13.0
9	0.05410	10.8	0.2	u	10.7
10	0.06820	9.2	0.1	u	9.1
11	0.08380	8.0	0.3	u	7.9
12	0.10460	7.1	0.3	u	7.0
13	0.13560	6.2	0.3	u	6.1
14	0.17230	5.5	0.3	u	5.5
15	0.21490	5.0	0.4	u	5.0
16	0.27500	4.6	0.3	u	4.6
17	0.34900	4.3	0.3	u	4.3
18	0.43600	4.0	0.4	u	4.0
19	0.55500	3.8	0.4	u	3.9
20	0.70100	3.7	0.4	u	3.7

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	6.9	0.3	u	7.0
2	0.12100	6.3	0.3	u	6.3
3	0.15100	5.6	0.3	u	5.7
4	0.18800	5.1	0.3	u	5.1
5	0.23100	4.7	0.3	u	4.7
6	0.29100	4.2	0.3	u	4.2
7	0.36500	3.9	0.3	u	3.9
8	0.45200	3.6	0.4	u	3.6
9	0.57000	3.3	0.3	u	3.3
10	0.71200	3.1	0.3	u	3.1
11	0.87100	2.9	0.3	u	2.9
12	1.08000	2.7	0.2	u	2.7
13	1.39000	2.5	0.4	u	2.5
14	1.75000	2.4	0.5	u	2.4
15	2.18000	2.3	0.4	u	2.2
16	2.78000	2.1	1.2	u	2.1
17	3.52000	2.0	1.5	u	2.0
18	4.39000	2.0	2.5	u	2.0
19	5.56000	1.9	3.8	u	1.9
20	7.04000	2.0	7.1	u	2.0

Sounding: EG107 Survey: Everglades National Park Date: 09-AUG-95
Location: Near EPGW/SW well site UTM Coord: E[km] 549.28 N[km] 2796.07
Comment: Eastern Panhandle

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	9.00	10.90
2	1.64	45.70
3	11.23	--

Fit Error[%]: 2.633

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 1.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	31.9	0.3	u	30.7
2	0.00890	26.7	0.1	u	25.5
3	0.01200	21.6	0.1	u	21.5
4	0.01570	18.0	0.1	u	18.6
5	0.02000	15.5	0.1	u	16.1
6	0.02610	13.2	0.1	u	13.6
7	0.03340	11.3	0.1	u	11.5
8	0.04210	9.9	0.1	u	9.8
9	0.05410	8.4	0.1	u	8.3
10	0.06820	7.3	0.1	u	7.1
11	0.08380	6.4	0.1	u	6.3
12	0.10460	5.6	0.1	u	5.5
13	0.13560	4.9	0.1	u	4.8
14	0.17230	4.4	0.1	u	4.3
15	0.21490	4.0	0.2	u	4.0
16	0.27500	3.6	0.1	u	3.6
17	0.34900	3.4	0.1	u	3.4
18	0.43600	3.2	0.1	u	3.2
19	0.55500	3.1	0.1	u	3.1
20	0.70100	3.0	0.2	u	3.0

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	5.5	0.2	u	5.6
2	0.12100	5.0	0.2	u	5.0
3	0.15100	4.5	0.2	u	4.5
4	0.18800	4.1	0.1	u	4.0
5	0.23100	3.7	0.1	u	3.7
6	0.29100	3.4	0.1	u	3.4
7	0.36500	3.1	0.2	u	3.1
8	0.45200	2.9	0.2	u	2.9
9	0.57000	2.7	0.2	u	2.7
10	0.71200	2.6	0.2	u	2.5
11	0.87100	2.4	0.2	u	2.4
12	1.08000	2.3	0.2	u	2.3
13	1.39000	2.2	0.3	u	2.2
14	1.75000	2.2	0.4	u	2.2
15	2.18000	2.2	0.5	u	2.2
16	2.78000	2.3	1.2	u	2.3
17	3.52000	2.4	1.5	u	2.4
18	4.39000	2.6	2.8	u	2.6
19	5.56000	2.9	5.2	u	2.8
20	7.04000	3.2	16.6	m	3.1

Sounding: EG108 Survey: Everglades National Park Date: 09-AUG-95
Location: N 25d 17m 59s W 80d 32m 02s UTM Coord: E[km] 546.92 N[km] 2798.06
Comment: Eastern Panhandle

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	21.97	11.00
2	2.82	18.20
3	10.79	--

Fit Error[%]: 3.066

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 1.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	51.8	0.3	u	51.2
2	0.00890	42.5	0.1	u	42.5
3	0.01200	33.2	0.1	u	33.8
4	0.01570	26.7	0.1	u	27.3
5	0.02000	22.2	0.1	u	22.4
6	0.02610	18.4	0.0	u	18.1
7	0.03340	15.3	0.0	u	15.1
8	0.04210	13.1	0.0	u	12.8
9	0.05410	10.9	0.0	u	10.7
10	0.06820	9.3	0.1	u	9.2
11	0.08380	8.2	0.0	u	8.1
12	0.10460	7.3	0.1	u	7.2
13	0.13560	6.5	0.1	u	6.4
14	0.17230	6.0	0.2	u	5.9
15	0.21490	5.7	0.3	u	5.6
16	0.27500	5.5	0.1	u	5.5
17	0.34900	5.5	0.1	u	5.4
18	0.43600	5.6	0.1	u	5.5
19	0.55500	5.8	0.4	u	5.7
20	0.70100	6.1	0.4	u	6.0

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	7.0	0.2	u	7.3
2	0.12100	6.5	0.2	u	6.7
3	0.15100	6.0	0.2	u	6.1
4	0.18800	5.6	0.2	u	5.7
5	0.23100	5.4	0.3	u	5.5
6	0.29100	5.3	0.2	u	5.3
7	0.36500	5.2	0.2	u	5.2
8	0.45200	5.2	0.2	u	5.2
9	0.57000	5.3	0.2	u	5.3
10	0.71200	5.5	0.2	u	5.4
11	0.87100	5.6	0.4	u	5.6
12	1.08000	5.7	1.1	u	5.8
13	1.39000	5.9	1.5	u	6.1
14	1.75000	6.2	2.3	u	6.4
15	2.18000	6.5	2.8	u	6.7
16	2.78000	6.9	4.6	u	7.0
17	3.52000	7.9	11.5	u	7.5
18	4.39000	8.0	9.0	u	7.8
19	5.56000	11.4	38.2	d	-
20	7.04000	36.1	100.0	d	-

Sounding: EG109 Survey: Everglades National Park Date: 10-AUG-95
Location: N 25d 19m 59s W 80d 28m 15s UTM Coord: E[km] 553.25 N[km] 2801.77
Comment: Between C-109 and C-110

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	77.25	11.70
2	2.13	4.20
3	51.83	--

Fit Error[%]: 5.511

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	73.6	0.5	u	77.1
2	0.00890	55.4	0.2	u	54.6
3	0.01200	39.4	0.1	u	38.1
4	0.01570	29.3	0.1	u	28.6
5	0.02000	23.1	0.1	u	22.6
6	0.02610	18.5	0.1	u	18.2
7	0.03340	15.5	0.2	u	15.5
8	0.04210	13.9	0.2	u	13.8
9	0.05410	12.5	0.2	u	12.6
10	0.06820	11.9	0.1	u	12.1
11	0.08380	11.6	0.1	u	11.9
12	0.10460	11.7	0.2	u	11.9
13	0.13560	12.1	0.2	u	12.4
14	0.17230	13.1	0.6	u	13.1
15	0.21490	14.3	1.0	u	14.0
16	0.27500	15.9	0.2	u	15.3
17	0.34900	17.8	0.3	u	16.9
18	0.43600	19.3	0.5	u	18.7
19	0.55500	20.7	0.5	u	21.0
20	0.70100	22.5	0.9	u	23.6

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	10.9	0.2	u	11.9
2	0.12100	11.4	0.2	u	12.1
3	0.15100	12.2	0.2	u	12.6
4	0.18800	13.2	0.4	u	13.4
5	0.23100	14.6	0.3	u	14.2
6	0.29100	16.2	0.3	u	15.4
7	0.36500	18.0	0.3	u	16.8
8	0.45200	19.4	0.4	u	18.3
9	0.57000	20.6	1.2	u	20.0
10	0.71200	22.3	1.7	u	21.8
11	0.87100	22.9	3.1	u	23.4
12	1.08000	24.7	9.8	u	25.4
13	1.39000	26.5	15.8	u	27.3
14	1.75000	32.4	27.6	d	-
15	2.18000	44.4	100.0	d	-
16	2.78000	31.0	67.9	d	-
17	3.52000	27.7	72.6	d	-
18	4.39000	42.0	100.0	d	-
19	5.56000	20.2	78.9	d	-
20	7.04000	22.3	100.0	d	-

Sounding: EG110 Survey: Everglades National Park Date: 10-AUG-95
Location: N 25d 19m 58s W 80d 30m 37s UTM Coord: E[km] 549.28 N[km] 2801.73
Comment: Between C-110 and C-111

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	51.99	11.20
2	67.62	79.30
3	18.04	--

Fit Error[%]: 4.860

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	80.0	0.8	m	82.0
2	0.00890	79.9	0.2	m	76.4
3	0.01200	72.4	0.2	m	72.2
4	0.01570	67.8	0.2	u	69.6
5	0.02000	66.8	0.3	u	68.0
6	0.02610	65.6	0.1	u	66.9
7	0.03340	66.4	0.1	u	66.4
8	0.04210	68.4	0.2	u	66.5
9	0.05410	69.5	0.1	u	67.2
10	0.06820	71.5	0.3	u	68.0
11	0.08380	69.6	0.2	u	68.8
12	0.10460	69.7	0.3	u	69.1
13	0.13560	67.6	0.4	u	68.4
14	0.17230	65.8	0.6	u	66.4
15	0.21490	62.6	0.6	u	63.9
16	0.27500	60.0	0.7	u	60.4
17	0.34900	57.8	0.9	u	57.2
18	0.43600	54.8	0.9	u	54.4
19	0.55500	53.3	2.0	u	52.0
20	0.70100	53.3	2.5	d	-

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	65.7	0.3	u	68.6
2	0.12100	66.5	0.4	u	67.9
3	0.15100	65.3	0.7	u	66.4
4	0.18800	62.6	0.5	u	63.6
5	0.23100	60.5	0.9	u	60.4
6	0.29100	56.7	1.4	u	56.1
7	0.36500	52.8	2.4	u	52.0
8	0.45200	48.5	3.3	u	48.3
9	0.57000	46.2	2.4	u	44.5
10	0.71200	43.8	9.5	u	41.3
11	0.87100	34.8	10.1	u	38.8
12	1.08000	33.1	25.8	d	-
13	1.39000	28.0	32.9	d	-
14	1.75000	25.3	34.3	d	-
15	2.18000	23.0	65.7	d	-
16	2.78000	18.7	22.8	d	-
17	3.52000	27.4	100.0	d	-
18	4.39000	23.6	100.0	d	-
19	5.56000	23.5	100.0	d	-
20	7.04000	57.3	100.0	d	-

Sounding: EG111 Survey: Everglades National Park Date: 10-AUG-95
Location: N 25d 19m 54s W 80d 32m 58s UTM Coord: E[km] 545.34 N[km] 2801.59
Comment: West of C-111

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	77.26	19.60
2	43.52	108.60
3	10.93	--

Fit Error[%]: 5.277

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	108.8	0.7	u	110.4
2	0.00890	102.3	0.3	u	99.5
3	0.01200	90.0	0.1	u	89.5
4	0.01570	81.5	0.2	u	82.1
5	0.02000	75.9	0.2	u	76.4
6	0.02610	69.8	0.1	u	71.1
7	0.03340	65.7	0.1	u	67.1
8	0.04210	63.7	0.2	u	63.9
9	0.05410	61.0	0.3	u	61.0
10	0.06820	60.2	0.3	u	58.8
11	0.08380	58.3	0.3	u	57.3
12	0.10460	57.7	0.4	u	56.3
13	0.13560	56.7	0.2	u	55.7
14	0.17230	56.7	0.5	u	55.7
15	0.21490	56.0	0.7	u	55.9
16	0.27500	55.0	0.7	u	56.3
17	0.34900	54.6	1.4	u	56.1
18	0.43600	53.5	1.8	u	55.6
19	0.55500	51.6	1.8	u	54.4
20	0.70100	50.9	3.9	d	-

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	54.9	0.4	u	56.1
2	0.12100	55.6	0.6	u	55.3
3	0.15100	55.6	0.3	u	54.8
4	0.18800	54.8	0.9	u	54.5
5	0.23100	54.0	0.5	u	54.1
6	0.29100	53.0	0.9	u	53.2
7	0.36500	51.5	2.0	u	51.5
8	0.45200	49.4	4.8	u	49.1
9	0.57000	46.1	4.1	u	45.8
10	0.71200	47.1	9.6	u	42.4
11	0.87100	40.7	10.7	u	39.2
12	1.08000	35.5	11.8	u	36.0
13	1.39000	31.7	17.3	u	32.7
14	1.75000	31.0	30.1	u	30.0
15	2.18000	24.9	33.9	u	27.9
16	2.78000	27.3	27.3	u	25.9
17	3.52000	28.7	77.1	d	-
18	4.39000	20.6	91.3	d	-
19	5.56000	24.0	100.0	d	-
20	7.04000	28.8	100.0	d	-

Sounding: EG112 Survey: Everglades National Park Date: 10-AUG-95
Location: N 25d 18m 30s W 80d 34m 01s UTM Coord: E[km] 543.59 N[km] 2799.00
Comment: West of C-111

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	70.11	37.60
2	29.79	36.40
3	12.23	--

Fit Error[%]: 2.924

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	96.8	1.3	m	103.7
2	0.00890	99.5	0.4	u	96.7
3	0.01200	92.2	0.3	u	91.0
4	0.01570	85.7	0.2	u	86.7
5	0.02000	81.5	0.3	u	82.7
6	0.02610	76.6	0.2	u	78.4
7	0.03340	73.5	0.2	u	74.3
8	0.04210	71.9	0.2	u	70.7
9	0.05410	68.5	0.2	u	67.1
10	0.06820	66.0	0.2	u	63.8
11	0.08380	61.2	0.1	u	61.0
12	0.10460	57.5	0.3	u	57.6
13	0.13560	52.9	0.2	u	53.4
14	0.17230	49.7	0.3	u	49.5
15	0.21490	46.3	0.4	u	45.9
16	0.27500	43.0	0.5	u	42.4
17	0.34900	39.6	0.7	u	39.4
18	0.43600	37.3	0.6	u	37.1
19	0.55500	34.1	1.4	u	35.2
20	0.70100	33.2	2.2	u	34.0

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	55.5	0.2	u	57.7
2	0.12100	53.3	0.4	u	54.4
3	0.15100	49.9	0.3	u	50.5
4	0.18800	46.4	0.5	u	46.5
5	0.23100	43.2	0.4	u	42.9
6	0.29100	39.5	0.8	u	39.1
7	0.36500	36.3	1.1	u	35.7
8	0.45200	32.6	2.1	u	32.8
9	0.57000	30.1	1.7	u	30.1
10	0.71200	28.5	3.3	u	27.9
11	0.87100	26.0	4.7	u	26.1
12	1.08000	23.8	7.3	u	24.4
13	1.39000	23.9	9.1	u	22.8
14	1.75000	23.4	16.9	m	21.6
15	2.18000	22.3	16.9	m	20.6
16	2.78000	18.2	23.6	m	19.8
17	3.52000	17.2	31.8	m	19.2
18	4.39000	31.5	100.0	d	-
19	5.56000	22.4	100.0	d	-
20	7.04000	30.8	100.0	d	-

Sounding: EG113 Survey: Everglades National Park Date: 10-AUG-95
Location: N 25d 16m 54s W 80d 33m 52s UTM Coord: E[km] 543.85 N[km] 2796.05
Comment: West of C-111

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	3.91	10.60
2	1.24	8.80
3	26.06	--

Fit Error[%]: 4.691

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 1.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	28.2	0.3	u	30.4
2	0.00890	20.3	0.2	u	21.3
3	0.01200	14.7	0.1	u	15.2
4	0.01570	11.7	0.1	u	12.0
5	0.02000	10.0	0.1	u	10.1
6	0.02610	8.6	0.1	u	8.5
7	0.03340	7.5	0.1	u	7.4
8	0.04210	6.6	0.2	u	6.5
9	0.05410	5.6	0.1	u	5.6
10	0.06820	4.8	0.1	u	4.8
11	0.08380	4.2	0.1	u	4.2
12	0.10460	3.7	0.1	u	3.6
13	0.13560	3.2	0.1	u	3.2
14	0.17230	3.0	0.1	u	3.0
15	0.21490	2.9	0.4	u	2.8
16	0.27500	2.8	0.1	u	2.8
17	0.34900	2.9	0.1	u	2.8
18	0.43600	3.0	0.1	u	2.9
19	0.55500	3.2	0.1	u	3.1
20	0.70100	3.5	0.1	u	3.4

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 5

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	3.5	0.2	u	3.7
2	0.12100	3.2	0.2	u	3.4
3	0.15100	3.0	0.2	u	3.1
4	0.18800	2.8	0.2	u	2.9
5	0.23100	2.7	0.2	u	2.8
6	0.29100	2.7	0.2	u	2.7
7	0.36500	2.8	0.2	u	2.8
8	0.45200	2.8	0.2	u	2.8
9	0.57000	3.0	0.3	u	3.0
10	0.71200	3.3	0.4	u	3.2
11	0.87100	3.5	0.2	u	3.4
12	1.08000	3.7	0.4	u	3.8
13	1.39000	4.1	0.6	u	4.2
14	1.75000	4.7	1.6	u	4.7
15	2.18000	5.2	3.3	u	5.4
16	2.78000	5.7	5.3	u	6.1
17	3.52000	7.6	7.6	u	7.0
18	4.39000	9.0	29.7	d	-
19	5.56000	12.4	45.6	d	-
20	7.04000	12.7	61.9	d	-

Sounding: EG114 Survey: Everglades National Park Date: 11-AUG-95
Location: N 25d 19m 16s W 80d 36m 05s UTM Coord: E[km] 540.12 N[km] 2800.41
Comment: West of C-111

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	177.80	14.80
2	25.07	39.50
3	9.28	--

Fit Error[%]: 5.667

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	70.1	2.4	m	130.5
2	0.00890	63.7	2.3	m	108.1
3	0.01200	115.6	2.8	m	89.4
4	0.01570	74.5	0.5	u	77.1
5	0.02000	70.8	0.5	u	68.4
6	0.02610	62.8	0.3	u	61.1
7	0.03340	57.1	0.1	u	56.0
8	0.04210	53.3	0.1	u	52.3
9	0.05410	48.8	0.2	u	48.7
10	0.06820	45.8	0.2	u	45.7
11	0.08380	42.1	0.3	u	42.9
12	0.10460	39.4	0.1	u	40.0
13	0.13560	36.3	0.1	u	36.5
14	0.17230	33.5	0.3	u	33.4
15	0.21490	31.2	0.5	u	30.9
16	0.27500	29.1	1.0	u	28.4
17	0.34900	27.6	1.8	u	26.5
18	0.43600	26.1	2.2	u	25.0
19	0.55500	25.5	5.4	u	23.9
20	0.70100	25.2	8.4	u	23.2

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	38.5	0.1	u	40.1
2	0.12100	36.5	0.2	u	37.4
3	0.15100	33.8	0.4	u	34.3
4	0.18800	31.1	0.3	u	31.4
5	0.23100	28.7	0.6	u	28.8
6	0.29100	26.4	1.6	u	26.3
7	0.36500	24.1	2.7	u	24.1
8	0.45200	21.3	2.8	u	22.2
9	0.57000	19.1	4.1	u	20.5
10	0.71200	17.5	8.3	u	19.1
11	0.87100	44.0	8.2	d	-
12	1.08000	32.4	9.2	d	-
13	1.39000	22.9	9.7	d	-
14	1.75000	14.7	16.7	d	-
15	2.18000	13.1	15.4	d	-
16	2.78000	7.4	12.8	d	-
17	3.52000	4.8	13.4	d	-
18	4.39000	4.6	53.0	d	-
19	5.56000	2.3	38.8	d	-
20	7.04000	3.9	100.0	d	-

Sounding: EG115 Survey: Everglades National Park Date: 11-AUG-95
Location: N 25d 17m 52s W 80d 36m 04s UTM Coord: E[km] 540.15 N[km] 2797.82
Comment: West of C-111

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	176.60	8.70
2	30.06	79.30
3	8.06	--

Fit Error[%]: 4.362

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	97.8	0.7	u	95.1
2	0.00890	85.6	0.4	u	81.2
3	0.01200	70.2	0.2	u	69.7
4	0.01570	60.4	0.2	u	62.0
5	0.02000	54.6	0.1	u	56.5
6	0.02610	49.5	0.1	u	51.7
7	0.03340	46.3	0.3	u	48.2
8	0.04210	44.8	0.1	u	45.5
9	0.05410	42.9	0.4	u	43.3
10	0.06820	42.4	0.3	u	41.8
11	0.08380	41.2	0.2	u	40.9
12	0.10460	40.9	0.3	u	40.4
13	0.13560	40.0	0.3	u	40.0
14	0.17230	39.7	0.3	u	39.6
15	0.21490	38.7	0.5	u	39.0
16	0.27500	37.3	0.6	u	37.9
17	0.34900	35.6	0.4	u	36.4
18	0.43600	33.9	0.9	u	35.0
19	0.55500	31.8	1.2	u	33.4
20	0.70100	30.7	2.2	u	32.0

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	39.6	0.8	u	40.1
2	0.12100	39.9	0.8	u	39.6
3	0.15100	39.7	0.9	u	39.1
4	0.18800	39.0	0.9	u	38.3
5	0.23100	38.2	1.6	u	37.1
6	0.29100	36.4	1.9	u	35.3
7	0.36500	34.0	2.3	u	33.0
8	0.45200	31.8	3.6	u	30.6
9	0.57000	29.2	5.5	u	28.1
10	0.71200	26.9	8.2	u	25.7
11	0.87100	26.2	36.0	m	23.7
12	1.08000	22.7	37.5	m	21.9
13	1.39000	21.8	69.3	m	20.0
14	1.75000	17.9	78.7	m	18.5
15	2.18000	16.3	100.0	d	-
16	2.78000	13.8	75.2	d	-
17	3.52000	15.2	100.0	d	-
18	4.39000	10.2	100.0	d	-
19	5.56000	7.7	100.0	d	-
20	7.04000	6.7	100.0	d	-

Sounding: EG116 Survey: Everglades National Park Date: 11-AUG-95
Location: N 25d 15m 57s W 80d 35m 56s UTM Coord: E[km] 540.39 N[km] 2794.28
Comment: West of C-111

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	1.95	2.60
2	3.40	4.10
3	.94	7.80
4	11.96	--

Fit Error[%]: 2.262

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 1.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	38.8	0.4	u	39.5
2	0.00890	25.1	0.2	u	25.6
3	0.01200	16.8	0.1	u	16.5
4	0.01570	12.1	0.0	u	12.0
5	0.02000	9.3	0.1	u	9.4
6	0.02610	7.4	0.1	u	7.4
7	0.03340	5.9	0.1	u	6.1
8	0.04210	5.0	0.1	u	5.1
9	0.05410	4.1	0.1	u	4.1
10	0.06820	3.5	0.0	u	3.4
11	0.08380	3.0	0.0	u	2.9
12	0.10460	2.6	0.0	u	2.5
13	0.13560	2.2	0.1	u	2.2
14	0.17230	2.0	0.1	u	2.0
15	0.21490	1.9	0.1	u	1.9
16	0.27500	1.9	0.1	u	1.9
17	0.34900	1.9	0.1	u	1.9
18	0.43600	2.0	0.1	u	2.0
19	0.55500	2.1	0.0	u	2.2
20	0.70100	2.4	0.2	u	2.4

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 4

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	2.6	0.2	u	2.6
2	0.12100	2.3	0.2	u	2.3
3	0.15100	2.1	0.2	u	2.1
4	0.18800	2.0	0.2	u	2.0
5	0.23100	1.9	0.2	u	1.9
6	0.29100	1.9	0.2	u	1.9
7	0.36500	1.9	0.2	u	1.9
8	0.45200	2.0	0.2	u	2.0
9	0.57000	2.1	0.3	u	2.1
10	0.71200	2.3	0.3	u	2.2
11	0.87100	2.4	0.4	u	2.4
12	1.08000	2.7	0.6	u	2.6
13	1.39000	3.0	0.9	u	2.9
14	1.75000	3.4	1.7	u	3.3
15	2.18000	3.7	3.4	u	3.6
16	2.78000	4.0	3.5	u	4.0
17	3.52000	4.4	10.0	u	4.5
18	4.39000	4.7	11.8	d	-
19	5.56000	5.2	19.0	d	-
20	7.04000	4.8	36.7	d	-

Sounding: EG117 Survey: Everglades National Park Date: 11-AUG-95
Location: N 25d 16m 32s W 80d 38m 35s UTM Coord: E[km] 535.94 N[km] 2795.35
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	12.48	1.10
2	118.60	13.20
3	35.57	78.70
4	7.98	--

Fit Error[%]: 3.165

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	87.0	4.4	u	86.9
2	0.00890	79.5	3.0	u	79.3
3	0.01200	72.1	2.3	u	71.6
4	0.01570	65.7	1.5	u	66.1
5	0.02000	61.4	1.1	u	61.2
6	0.02610	56.6	0.8	u	57.4
7	0.03340	53.4	0.6	u	54.0
8	0.04210	51.9	0.5	u	51.6
9	0.05410	49.8	0.5	u	49.6
10	0.06820	49.2	0.3	u	48.2
11	0.08380	47.7	0.6	u	47.5
12	0.10460	47.3	0.3	u	47.3
13	0.13560	46.5	0.3	u	47.0
14	0.17230	46.6	0.7	u	46.8
15	0.21490	45.7	0.5	u	46.1
16	0.27500	44.1	0.8	u	44.4
17	0.34900	42.2	1.1	u	42.7
18	0.43600	39.8	1.7	u	40.2
19	0.55500	36.8	1.4	u	38.3
20	0.70100	34.5	1.3	u	36.6

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	45.9	0.5	u	46.9
2	0.12100	46.3	0.8	u	46.5
3	0.15100	46.2	0.7	u	46.1
4	0.18800	45.5	1.1	u	45.0
5	0.23100	44.6	0.8	u	43.6
6	0.29100	42.0	1.4	u	41.1
7	0.36500	39.2	4.0	u	38.1
8	0.45200	35.5	2.1	u	35.0
9	0.57000	32.1	5.1	u	31.6
10	0.71200	30.1	6.5	u	28.9
11	0.87100	27.2	6.0	u	26.2
12	1.08000	24.4	6.8	u	24.2
13	1.39000	20.7	8.1	u	21.5
14	1.75000	21.0	23.5	m	20.2
15	2.18000	18.8	32.3	m	18.6
16	2.78000	15.8	28.0	m	17.4
17	3.52000	23.2	65.9	d	-
18	4.39000	18.6	48.8	d	-
19	5.56000	25.9	100.0	d	-
20	7.04000	11.9	100.0	d	-

Sounding: EG118 Survey: Everglades National Park Date: 12-AUG-95
Location: N 25d 17m 27s W 80d 38m 35s UTM Coord: E[km] 535.94 N[km] 2797.04
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	13.31	2.40
2	171.40	29.90
3	35.30	86.60
4	7.31	--

Fit Error[%]: 1.970

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	67.5	0.4	u	67.7
2	0.00890	70.3	0.5	u	69.4
3	0.01200	72.8	0.6	u	73.4
4	0.01570	74.9	0.6	u	75.5
5	0.02000	78.1	0.7	u	77.4
6	0.02610	77.0	0.4	u	76.7
7	0.03340	74.4	0.6	u	74.8
8	0.04210	72.0	0.8	u	71.5
9	0.05410	68.1	1.2	u	68.6
10	0.06820	66.3	2.2	u	64.7
11	0.08380	62.0	0.2	u	62.7
12	0.10460	60.5	0.2	u	60.6
13	0.13560	59.2	0.2	u	59.3
14	0.17230	58.4	0.5	u	58.5
15	0.21490	57.6	0.4	u	58.2
16	0.27500	57.1	0.7	u	57.0
17	0.34900	55.4	1.2	u	56.3
18	0.43600	53.1	3.2	u	53.5
19	0.55500	50.5	2.5	u	51.6
20	0.70100	50.1	4.0	d	-

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	58.8	0.3	u	60.5
2	0.12100	58.9	0.2	u	58.9
3	0.15100	58.2	0.4	u	57.8
4	0.18800	57.0	0.7	u	56.5
5	0.23100	56.1	0.7	u	55.4
6	0.29100	53.4	0.7	u	53.0
7	0.36500	51.3	2.3	u	50.1
8	0.45200	46.8	2.0	u	46.4
9	0.57000	43.1	3.9	u	41.7
10	0.71200	38.3	6.0	u	38.2
11	0.87100	33.2	9.6	u	33.8
12	1.08000	30.9	8.6	u	31.1
13	1.39000	27.0	20.8	u	26.9
14	1.75000	24.5	24.5	m	24.9
15	2.18000	24.3	38.9	m	22.3
16	2.78000	23.0	29.5	m	20.6
17	3.52000	20.5	41.8	d	-
18	4.39000	17.6	43.4	d	-
19	5.56000	18.0	77.9	d	-
20	7.04000	17.1	100.0	d	-

Sounding: EG119 Survey: Everglades National Park Date: 12-AUG-95
Location: N 25d 15m 05s W 80d 38m 26s UTM Coord: E[km] 536.20 N[km] 2792.67
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	157.20	1.10
2	3.65	19.10
3	69.20	67.80
4	2.95	--

Fit Error[%]: 6.068

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 1.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	28.0	0.3	u	32.7
2	0.00890	21.9	0.1	u	23.2
3	0.01200	16.8	0.1	u	16.5
4	0.01570	13.3	0.1	u	12.7
5	0.02000	10.9	0.1	u	10.2
6	0.02610	8.8	0.1	u	8.4
7	0.03340	7.3	0.1	u	7.2
8	0.04210	6.4	0.1	u	6.3
9	0.05410	5.6	0.1	u	5.6
10	0.06820	5.2	0.0	u	5.1
11	0.08380	4.8	0.1	u	4.9
12	0.10460	4.7	0.1	u	4.7
13	0.13560	4.7	0.1	u	4.7
14	0.17230	4.8	0.2	u	4.8
15	0.21490	5.0	0.0	u	5.0
16	0.27500	5.5	0.1	u	5.4
17	0.34900	6.0	0.2	u	5.9
18	0.43600	6.7	0.3	u	6.6
19	0.55500	7.5	0.9	u	7.6
20	0.70100	8.7	0.9	u	8.8

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 5

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	4.4	0.1	u	4.7
2	0.12100	4.4	0.1	u	4.7
3	0.15100	4.5	0.1	u	4.7
4	0.18800	4.7	0.1	u	4.8
5	0.23100	5.0	0.2	u	5.1
6	0.29100	5.4	0.1	u	5.4
7	0.36500	6.0	0.2	u	5.9
8	0.45200	6.6	0.3	u	6.5
9	0.57000	7.4	0.9	u	7.2
10	0.71200	8.4	0.8	u	8.0
11	0.87100	8.7	2.0	u	8.6
12	1.08000	9.1	3.9	u	9.1
13	1.39000	9.2	6.6	u	9.4
14	1.75000	9.4	11.7	u	9.3
15	2.18000	8.6	22.1	m	8.9
16	2.78000	8.7	14.4	m	8.4
17	3.52000	7.8	23.2	m	8.0
18	4.39000	8.3	41.3	d	-
19	5.56000	6.2	19.4	d	-
20	7.04000	6.2	55.5	d	-

Sounding: EG120 Survey: Everglades National Park Date: 12-AUG-95
Location: N 25d 16m 21s W 80d 42m 13s UTM Coord: E[km] 529.84 N[km] 2795.00
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	19.24	1.80
2	58.23	58.80
3	17.11	--

Fit Error[%]: 6.325

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	68.1	2.6	u	65.8
2	0.00890	56.5	2.2	u	62.0
3	0.01200	64.9	0.6	u	59.3
4	0.01570	57.3	0.4	u	57.7
5	0.02000	57.0	0.3	u	57.1
6	0.02610	55.8	0.2	u	56.8
7	0.03340	55.9	0.2	u	57.4
8	0.04210	56.9	0.5	u	57.6
9	0.05410	57.2	0.6	u	57.9
10	0.06820	58.4	0.2	u	57.3
11	0.08380	56.5	0.3	u	56.0
12	0.10460	54.5	0.2	u	54.0
13	0.13560	51.8	0.2	u	50.7
14	0.17230	48.7	0.2	u	47.8
15	0.21490	45.2	0.4	u	44.9
16	0.27500	41.4	0.5	u	42.2
17	0.34900	38.2	1.7	u	39.8
18	0.43600	36.3	2.2	u	38.5
19	0.55500	34.2	2.2	u	36.9
20	0.70100	34.1	3.6	u	36.8

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	53.0	0.1	u	53.9
2	0.12100	52.3	0.3	u	51.7
3	0.15100	49.8	0.2	u	48.5
4	0.18800	46.2	0.4	u	45.5
5	0.23100	43.0	0.7	u	42.5
6	0.29100	39.2	1.4	u	39.6
7	0.36500	36.0	3.0	u	36.6
8	0.45200	33.7	1.7	u	34.7
9	0.57000	30.4	5.2	u	32.2
10	0.71200	29.5	6.0	u	30.7
11	0.87100	33.2	6.7	u	28.9
12	1.08000	34.3	15.4	u	27.9
13	1.39000	35.1	46.8	m	26.4
14	1.75000	37.8	60.4	d	-
15	2.18000	53.9	100.0	d	-
16	2.78000	33.0	70.4	d	-
17	3.52000	19.4	87.8	d	-
18	4.39000	71.6	100.0	d	-
19	5.56000	23.2	100.0	d	-
20	7.04000	9.8	91.7	d	-

Sounding: EG121 Survey: Everglades National Park Date: 12-AUG-95
Location: N 25d 15m 04s W 80d 43m 25s UTM Coord: E[km] 527.83 N[km] 2792.62
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	178.50	6.20
2	1.71	75.60
3	9.93	--

Fit Error[%]: 5.396

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 1.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	480.1	36.4	d	-
2	0.00890	44.3	0.5	d	-
3	0.01200	22.7	1.2	m	28.8
4	0.01570	13.7	0.5	m	21.4
5	0.02000	18.9	0.1	m	16.6
6	0.02610	11.1	0.0	u	12.7
7	0.03340	9.8	0.2	u	10.1
8	0.04210	8.2	0.1	u	8.3
9	0.05410	6.9	0.2	u	6.9
10	0.06820	6.0	0.1	u	5.9
11	0.08380	5.3	0.1	u	5.2
12	0.10460	4.8	0.1	u	4.6
13	0.13560	4.2	0.1	u	4.0
14	0.17230	3.8	0.1	u	3.7
15	0.21490	3.5	0.2	u	3.4
16	0.27500	3.3	0.1	u	3.2
17	0.34900	3.1	0.1	u	3.0
18	0.43600	3.0	0.1	u	2.9
19	0.55500	2.9	0.3	u	2.8
20	0.70100	2.8	0.2	u	2.8

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 5

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	4.6	0.1	u	4.6
2	0.12100	4.3	0.2	u	4.2
3	0.15100	3.9	0.1	u	3.8
4	0.18800	3.5	0.2	u	3.5
5	0.23100	3.3	0.2	u	3.2
6	0.29100	3.0	0.2	u	3.0
7	0.36500	2.8	0.1	u	2.8
8	0.45200	2.7	0.2	u	2.6
9	0.57000	2.5	0.3	u	2.5
10	0.71200	2.4	0.2	u	2.4
11	0.87100	2.3	0.2	u	2.3
12	1.08000	2.1	0.3	u	2.2
13	1.39000	2.0	0.7	u	2.1
14	1.75000	2.0	2.8	u	2.1
15	2.18000	1.9	0.7	u	2.0
16	2.78000	1.9	1.2	u	2.0
17	3.52000	2.0	2.5	u	2.0
18	4.39000	2.1	3.6	u	2.1
19	5.56000	2.1	6.4	u	2.2
20	7.04000	2.3	12.1	u	2.3

Sounding: EG122 Survey: Everglades National Park Date: 12-AUG-95
Location: N 25d 18m 04s W 80d 42m 03s UTM Coord: E[km] 530.12 N[km] 2798.17
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	59.04	78.60
2	9.47	--

Fit Error[%]: 3.826

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	72.8	1.6	m	88.0
2	0.00890	74.6	1.1	m	80.9
3	0.01200	71.8	1.2	m	75.2
4	0.01570	70.3	1.1	u	71.4
5	0.02000	69.7	1.3	u	68.8
6	0.02610	67.6	1.4	u	67.0
7	0.03340	67.0	1.4	u	66.2
8	0.04210	68.1	1.1	u	66.2
9	0.05410	68.0	0.4	u	66.8
10	0.06820	68.4	0.3	u	67.6
11	0.08380	66.2	0.2	u	67.7
12	0.10460	65.8	0.5	u	66.7
13	0.13560	62.8	0.3	u	63.7
14	0.17230	60.3	0.8	u	59.5
15	0.21490	56.0	0.6	u	54.8
16	0.27500	50.3	1.4	u	49.8
17	0.34900	45.4	1.7	u	45.3
18	0.43600	42.0	2.0	u	41.8
19	0.55500	36.1	2.5	u	38.7
20	0.70100	35.3	5.0	u	36.6

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	62.2	0.2	u	66.1
2	0.12100	62.3	0.5	u	63.9
3	0.15100	60.5	1.1	u	60.2
4	0.18800	56.7	1.2	u	55.2
5	0.23100	52.2	0.6	u	50.3
6	0.29100	46.6	0.9	u	45.0
7	0.36500	40.2	2.5	u	40.1
8	0.45200	36.4	2.9	u	36.0
9	0.57000	31.7	3.5	u	32.2
10	0.71200	29.1	3.2	u	29.1
11	0.87100	26.3	14.1	u	26.7
12	1.08000	24.7	11.7	u	24.5
13	1.39000	22.5	20.8	m	22.3
14	1.75000	19.9	29.8	m	20.7
15	2.18000	21.6	42.7	m	19.5
16	2.78000	21.2	55.4	m	18.3
17	3.52000	19.0	78.0	m	17.5
18	4.39000	16.0	48.4	m	16.9
19	5.56000	9.9	55.3	d	-
20	7.04000	13.6	100.0	d	-

Sounding: EG123 Survey: Everglades National Park Date: 14-AUG-95
Location: N 25d 23m 58s W 81d 03m 49s UTM Coord: E[km] 493.60 N[km] 2809.02
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	1.02	7.40
2	99.73	6.90
3	1.44	--

Fit Error[%]: 3.845

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 1.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	72.9	0.4	u	68.4
2	0.00890	42.8	0.2	u	43.7
3	0.01200	26.4	0.2	u	26.4
4	0.01570	16.5	0.1	u	16.9
5	0.02000	10.5	0.1	u	11.1
6	0.02610	6.9	0.1	u	7.1
7	0.03340	4.7	0.1	u	4.9
8	0.04210	3.6	0.1	u	3.6
9	0.05410	2.8	0.1	u	2.8
10	0.06820	2.3	0.1	u	2.3
11	0.08380	2.2	0.0	u	2.1
12	0.10460	1.9	0.1	u	1.9
13	0.13560	1.8	0.1	u	1.8
14	0.17230	1.8	0.1	u	1.8
15	0.21490	1.8	0.2	u	1.8
16	0.27500	1.8	0.1	u	1.8
17	0.34900	1.9	0.1	u	1.9
18	0.43600	1.9	0.2	u	1.9
19	0.55500	1.9	0.2	u	2.0
20	0.70100	2.0	0.1	u	2.0

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 4

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	1.9	0.1	u	1.9
2	0.12100	1.8	0.1	u	1.8
3	0.15100	1.8	0.2	u	1.8
4	0.18800	1.8	0.1	u	1.8
5	0.23100	1.8	0.3	u	1.8
6	0.29100	1.8	0.1	u	1.8
7	0.36500	1.8	0.1	u	1.8
8	0.45200	1.8	0.1	u	1.8
9	0.57000	1.8	0.2	u	1.8
10	0.71200	1.8	0.4	u	1.7
11	0.87100	1.8	0.5	u	1.7
12	1.08000	1.7	0.8	u	1.7
13	1.39000	1.7	1.4	u	1.7
14	1.75000	1.7	2.7	u	1.7
15	2.18000	1.7	4.6	u	1.7
16	2.78000	1.7	5.1	u	1.6
17	3.52000	1.7	8.0	u	1.7
18	4.39000	1.7	14.1	u	1.7
19	5.56000	1.6	19.4	u	1.7
20	7.04000	1.7	29.2	u	1.7

Sounding: EG124 Survey: Everglades National Park Date: 14-AUG-95
Location: N 25d 23m 43s W 80d 53m 32s UTM Coord: E[km] 510.84 N[km] 2808.56
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	12.10	1.90
2	257.00	29.10
3	6.53	--

Fit Error[%]: 3.344

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.02930	73.8	0.5	u	73.2
2	0.03140	69.7	0.3	u	70.0
3	0.03450	65.7	0.1	u	65.9
4	0.03820	61.4	0.1	u	61.2
5	0.04250	56.6	0.2	u	56.2
6	0.04860	52.2	0.1	u	51.1
7	0.05590	46.9	0.2	u	46.5
8	0.06460	42.9	0.1	u	41.9
9	0.07660	38.0	0.3	u	37.5
10	0.09070	33.6	0.2	u	33.6
11	0.10630	30.2	0.2	u	30.5
12	0.12710	26.9	0.2	u	27.6
13	0.15810	23.5	0.2	u	24.5
14	0.19480	21.3	0.3	u	22.2
15	0.23740	19.6	0.2	u	20.3
16	0.29750	18.2	0.3	u	18.7
17	0.37150	17.4	0.4	u	17.4
18	0.45850	16.9	0.3	u	16.5
19	0.57750	16.4	0.5	u	15.7
20	0.72350	16.1	0.6	u	15.4

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	32.1	0.6	u	31.1
2	0.12100	28.1	0.6	u	27.9
3	0.15100	24.3	0.8	u	24.4
4	0.18800	21.3	1.0	u	21.8
5	0.23100	19.4	1.1	u	19.7
6	0.29100	17.4	0.8	u	17.7
7	0.36500	16.1	1.4	u	16.1
8	0.45200	14.9	2.3	u	14.8
9	0.57000	13.8	3.9	u	13.6
10	0.71200	12.8	3.9	u	12.8
11	0.87100	24.1	16.9	d	-
12	1.08000	19.3	19.8	d	-
13	1.39000	17.7	28.6	d	-
14	1.75000	13.6	33.7	d	-
15	2.18000	13.4	48.2	d	-
16	2.78000	6.1	17.2	d	-
17	3.52000	5.9	26.4	d	-
18	4.39000	4.8	32.6	d	-
19	5.56000	4.4	58.8	d	-
20	7.04000	4.2	100.0	d	-

Sounding: EG125 Survey: Everglades National Park Date: 15-AUG-95
Location: N 25d 26m 44s W 80d 47m 58s UTM Coord: E[km] 520.16 N[km] 2814.14
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	263.20	6.90
2	18.77	50.80
3	2.63	--

Fit Error[%]: 5.864

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: .5 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	28.5	0.9	d	-
2	0.00890	19.0	0.1	d	-
3	0.01200	33.0	2.1	d	-
4	0.01570	17.5	0.2	d	-
5	0.02000	38.4	1.1	d	-
6	0.02610	29.1	0.4	m	35.2
7	0.03340	50.8	0.3	m	32.5
8	0.04210	37.9	0.4	m	30.8
9	0.05410	37.0	0.2	m	29.5
10	0.06820	36.1	0.2	m	28.9
11	0.08380	35.4	0.6	m	28.6
12	0.10460	34.6	0.3	m	28.3
13	0.13560	28.7	0.3	u	27.7
14	0.17230	25.5	0.3	u	26.6
15	0.21490	24.4	1.1	u	25.0
16	0.27500	22.1	0.5	u	22.9
17	0.34900	20.8	0.8	u	20.7
18	0.43600	18.9	1.8	u	18.9
19	0.55500	17.7	2.9	d	-
20	0.70100	16.5	2.9	d	-

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	29.7	0.2	u	28.0
2	0.12100	28.3	0.2	u	27.5
3	0.15100	26.1	0.2	u	26.4
4	0.18800	23.7	0.1	u	24.7
5	0.23100	21.7	0.2	u	22.8
6	0.29100	19.6	0.4	u	20.3
7	0.36500	17.7	0.2	u	17.9
8	0.45200	15.9	0.6	u	15.8
9	0.57000	14.0	0.5	u	13.8
10	0.71200	12.7	1.4	u	12.1
11	0.87100	11.4	0.9	u	10.9
12	1.08000	10.2	1.8	u	9.7
13	1.39000	8.9	1.4	u	8.6
14	1.75000	8.2	2.4	u	7.8
15	2.18000	7.4	4.1	u	7.2
16	2.78000	6.6	7.4	u	6.6
17	3.52000	6.0	6.4	u	6.2
18	4.39000	5.7	7.3	u	5.8
19	5.56000	5.1	10.8	u	5.6
20	7.04000	5.0	26.9	m	5.5

Sounding: EG126 Survey: Everglades National Park Date: 15-AUG-95
Location: N 25d 29m 41s W 80d 52m 53s UTM Coord: E[km] 511.92 N[km] 2819.57
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	142.00	28.40
2	19.24	51.70
3	4.84	--

Fit Error[%]: 4.322

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 1.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	44.7	0.0	m	205.1
2	0.00890	30.9	0.0	m	176.0
3	0.01200	36.0	3.3	m	145.9
4	0.01570	41.7	4.0	m	122.9
5	0.02000	94.2	9.3	m	105.0
6	0.02610	44.9	1.1	m	89.2
7	0.03340	57.3	0.6	m	77.3
8	0.04210	60.1	0.3	m	68.6
9	0.05410	55.7	0.2	m	61.0
10	0.06820	53.6	0.1	m	55.8
11	0.08380	54.0	0.1	u	52.1
12	0.10460	53.6	0.0	u	49.0
13	0.13560	44.8	0.3	u	45.9
14	0.17230	42.3	0.4	u	43.2
15	0.21490	40.5	0.2	u	40.5
16	0.27500	36.2	0.3	u	37.3
17	0.34900	34.0	0.4	u	34.2
18	0.43600	31.0	0.5	u	31.6
19	0.55500	28.2	1.1	u	29.0
20	0.70100	27.6	1.5	u	27.1

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	47.0	0.2	u	48.9
2	0.12100	46.0	0.3	u	46.3
3	0.15100	43.5	0.2	u	43.3
4	0.18800	40.1	0.5	u	40.3
5	0.23100	37.1	0.5	u	37.1
6	0.29100	33.4	0.7	u	33.5
7	0.36500	30.1	1.0	u	29.9
8	0.45200	27.0	1.6	u	26.7
9	0.57000	23.9	1.4	u	23.6
10	0.71200	22.0	2.1	u	21.0
11	0.87100	19.4	2.8	u	18.9
12	1.08000	16.9	4.3	u	17.0
13	1.39000	15.2	3.6	u	15.2
14	1.75000	13.4	8.3	u	13.8
15	2.18000	12.7	8.4	u	12.7
16	2.78000	10.3	16.8	m	11.7
17	3.52000	9.2	22.4	m	11.0
18	4.39000	7.9	20.2	m	10.5
19	5.56000	8.4	46.7	m	10.1
20	7.04000	5.5	29.3	m	9.9

Sounding: EG127 Survey: Everglades National Park Date: 15-AUG-95
Location: N 25d 29m 42s W 80d 48m 14s UTM Coord: E[km] 519.71 N[km] 2819.61
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	43.34	27.40
2	86.91	18.00
3	12.88	--

Fit Error[%]: 2.228

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 1.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	67.7	0.2	u	67.2
2	0.00890	62.9	0.1	u	61.2
3	0.01200	57.0	0.3	u	56.8
4	0.01570	53.8	0.4	u	54.7
5	0.02000	53.4	0.3	u	53.9
6	0.02610	52.6	0.2	u	53.7
7	0.03340	53.1	0.3	u	53.8
8	0.04210	53.7	0.4	u	53.2
9	0.05410	52.6	0.6	u	51.8
10	0.06820	51.2	0.5	u	49.5
11	0.08380	47.3	0.6	u	46.7
12	0.10460	44.0	0.4	u	43.6
13	0.13560	40.0	0.2	u	39.7
14	0.17230	36.8	0.3	u	36.6
15	0.21490	33.9	0.3	u	34.0
16	0.27500	31.4	0.5	u	31.6
17	0.34900	29.5	0.5	u	29.8
18	0.43600	28.0	0.6	u	28.5
19	0.55500	27.0	2.3	u	27.5
20	0.70100	26.7	2.5	u	27.1

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	42.5	0.1	u	43.8
2	0.12100	40.4	0.1	u	40.9
3	0.15100	37.7	0.2	u	37.5
4	0.18800	34.5	0.4	u	34.6
5	0.23100	32.3	0.4	u	32.0
6	0.29100	29.5	0.6	u	29.5
7	0.36500	27.2	0.7	u	27.4
8	0.45200	25.4	0.8	u	25.6
9	0.57000	23.7	1.2	u	24.0
10	0.71200	23.3	1.8	u	22.6
11	0.87100	21.7	9.6	u	21.6
12	1.08000	20.9	7.2	u	20.6
13	1.39000	19.7	13.5	u	19.6
14	1.75000	19.2	21.3	u	18.9
15	2.18000	17.7	37.9	m	18.3
16	2.78000	23.6	51.5	d	-
17	3.52000	15.8	45.8	d	-
18	4.39000	63.4	100.0	d	-
19	5.56000	46.5	100.0	d	-
20	7.04000	87.1	100.0	d	-

Sounding: EG128 Survey: Everglades National Park Date: 15-AUG-95
Location: N 25d 26m 38s W 80d 50m 18s UTM Coord: E[km] 516.25 N[km] 2813.95
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	12.33	--

Fit Error[%]: 28.867

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	80.9	5.4	m	30.6
2	0.00890	42.5	2.8	m	25.4
3	0.01200	25.4	1.7	u	21.5
4	0.01570	20.1	1.8	u	19.1
5	0.02000	28.8	1.0	u	17.5
6	0.02610	18.8	0.4	u	16.2
7	0.03340	17.8	0.2	u	15.3
8	0.04210	16.4	0.2	u	14.7
9	0.05410	14.9	0.2	u	14.1
10	0.06820	14.0	0.1	u	13.8
11	0.08380	13.2	0.1	u	13.5
12	0.10460	12.6	0.1	u	13.3
13	0.13560	11.8	0.3	u	13.1
14	0.17230	11.4	0.3	u	13.0
15	0.21490	11.3	0.8	u	13.0
16	0.27500	11.1	1.7	u	13.0
17	0.34900	11.3	2.7	u	13.2
18	0.43600	11.4	5.0	u	13.4
19	0.55500	11.7	9.7	u	13.7
20	0.70100	12.3	15.5	u	14.3

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 5

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	522.8	97.8	m	13.3
2	0.12100	431.2	96.3	m	13.1
3	0.15100	244.3	100.0	m	13.0
4	0.18800	196.6	100.0	m	12.8
5	0.23100	134.0	100.0	m	12.7
6	0.29100	180.1	100.0	m	12.7
7	0.36500	107.7	100.0	m	12.6
8	0.45200	87.3	100.0	m	12.5
9	0.57000	54.6	100.0	m	12.5
10	0.71200	237.0	100.0	m	12.5
11	0.87100	29.7	64.3	m	12.5
12	1.08000	21.2	64.4	m	12.5
13	1.39000	14.2	64.0	m	12.5
14	1.75000	9.7	64.0	m	12.5
15	2.18000	7.3	64.8	m	12.6
16	2.78000	5.3	74.2	m	12.7
17	3.52000	4.2	89.9	m	12.8
18	4.39000	3.2	88.7	m	13.1
19	5.56000	3.3	100.0	m	13.4
20	7.04000	7.6	100.0	m	13.9

Sounding: EG129 Survey: Everglades National Park Date: 15-AUG-95
Location: N 25d 22m 52s W 80d 47m 08s UTM Coord: E[km] 521.57 N[km] 2807.01
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	326.70	11.50
2	29.06	38.30
3	16.04	--

Fit Error[%]: 3.377

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	118.8	0.2	u	120.1
2	0.00890	102.1	0.2	u	100.6
3	0.01200	84.3	0.2	u	84.5
4	0.01570	73.4	0.2	u	74.0
5	0.02000	66.9	0.2	u	66.6
6	0.02610	60.8	0.1	u	60.3
7	0.03340	56.3	0.2	u	55.7
8	0.04210	53.0	0.2	u	52.1
9	0.05410	48.6	0.4	u	48.5
10	0.06820	45.5	0.5	u	45.5
11	0.08380	42.2	0.5	u	42.9
12	0.10460	39.6	0.8	u	40.3
13	0.13560	36.8	1.2	u	37.5
14	0.17230	35.0	1.7	u	35.1
15	0.21490	33.3	2.7	u	33.3
16	0.27500	31.4	4.4	u	31.6
17	0.34900	29.7	7.0	u	30.3
18	0.43600	27.9	11.1	u	29.4
19	0.55500	25.4	17.2	m	28.9
20	0.70100	23.5	25.0	m	28.7

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	39.4	1.4	u	40.5
2	0.12100	38.0	2.0	u	38.3
3	0.15100	36.2	3.1	u	35.8
4	0.18800	34.5	5.3	u	33.6
5	0.23100	33.4	8.1	u	31.7
6	0.29100	30.9	10.5	u	29.8
7	0.36500	29.3	16.8	u	28.2
8	0.45200	27.4	26.0	m	26.8
9	0.57000	25.7	41.0	m	25.5
10	0.71200	23.1	49.9	m	24.4
11	0.87100	44.4	83.3	d	-
12	1.08000	34.0	78.5	d	-
13	1.39000	20.4	89.2	d	-
14	1.75000	8.8	100.0	d	-
15	2.18000	6.1	100.0	d	-
16	2.78000	64.6	100.0	d	-
17	3.52000	10.2	100.0	d	-
18	4.39000	5.6	100.0	d	-
19	5.56000	3.0	100.0	d	-
20	7.04000	3.3	100.0	d	-

Sounding: EG130 Survey: Everglades National Park Date: 16-AUG-95
Location: N 25d 24m 30s W 80d 48m 52s UTM Coord: E[km] 518.66 N[km] 2810.02
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	146.60	7.20
2	7.56	59.30
3	4.61	--

Fit Error[%]: 3.116

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	81.7	17.0	m	59.4
2	0.00890	30.0	0.8	m	46.3
3	0.01200	35.3	2.9	u	35.9
4	0.01570	31.6	2.6	u	29.4
5	0.02000	24.6	0.7	u	25.0
6	0.02610	21.4	0.1	u	21.3
7	0.03340	18.7	0.1	u	18.7
8	0.04210	16.9	0.1	u	16.8
9	0.05410	15.1	0.1	u	15.1
10	0.06820	13.8	0.1	u	13.9
11	0.08380	12.9	0.1	u	13.1
12	0.10460	12.1	0.1	u	12.3
13	0.13560	11.5	0.1	u	11.6
14	0.17230	11.1	0.1	u	11.1
15	0.21490	10.8	0.2	u	10.8
16	0.27500	10.7	0.2	u	10.6
17	0.34900	10.6	0.3	u	10.4
18	0.43600	10.4	0.4	u	10.4
19	0.55500	10.4	0.6	u	10.4
20	0.70100	10.4	1.6	u	10.5

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	11.7	0.2	u	12.4
2	0.12100	11.4	0.2	u	11.8
3	0.15100	11.1	0.2	u	11.2
4	0.18800	10.8	0.2	u	10.8
5	0.23100	10.6	0.3	u	10.4
6	0.29100	10.3	0.2	u	10.1
7	0.36500	10.0	0.3	u	9.8
8	0.45200	9.7	0.4	u	9.5
9	0.57000	9.3	1.2	u	9.2
10	0.71200	9.1	1.5	u	8.9
11	0.87100	8.7	3.4	u	8.6
12	1.08000	8.3	5.0	u	8.3
13	1.39000	7.7	8.9	u	7.9
14	1.75000	7.6	13.5	u	7.6
15	2.18000	7.4	22.3	u	7.4
16	2.78000	7.2	23.0	u	7.1
17	3.52000	7.1	45.8	u	7.0
18	4.39000	6.0	47.4	d	-
19	5.56000	5.1	59.2	d	-
20	7.04000	5.6	100.0	d	-

Sounding: EG131 Survey: Everglades National Park Date: 16-AUG-95
Location: N 25d 21m 59s W 80d 50m 15s UTM Coord: E[km] 516.35 N[km] 2805.37
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	153.00	3.00
2	13.52	87.70
3	3.15	--

Fit Error[%]: 4.024

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	149.7	23.3	d	-
2	0.00890	32.0	1.1	m	36.9
3	0.01200	30.9	1.5	m	30.7
4	0.01570	28.9	1.0	u	26.8
5	0.02000	24.1	0.4	u	24.1
6	0.02610	21.7	0.1	u	21.9
7	0.03340	19.9	0.1	u	20.3
8	0.04210	18.9	0.1	u	19.1
9	0.05410	17.7	0.2	u	18.1
10	0.06820	17.2	0.1	u	17.4
11	0.08380	16.6	0.1	u	16.8
12	0.10460	16.2	0.1	u	16.4
13	0.13560	16.0	0.1	u	16.0
14	0.17230	16.1	0.2	u	15.9
15	0.21490	16.2	0.4	u	15.9
16	0.27500	16.5	0.1	u	16.2
17	0.34900	16.9	0.2	u	16.6
18	0.43600	17.0	0.5	u	17.0
19	0.55500	17.2	0.4	u	17.6
20	0.70100	17.3	1.1	u	18.0

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	15.3	0.7	u	16.4
2	0.12100	15.4	0.7	u	16.1
3	0.15100	15.5	0.7	u	15.8
4	0.18800	15.7	0.7	u	15.6
5	0.23100	15.9	1.0	u	15.6
6	0.29100	15.9	0.7	u	15.6
7	0.36500	16.1	1.1	u	15.7
8	0.45200	15.9	1.2	u	15.6
9	0.57000	15.6	1.8	u	15.3
10	0.71200	15.2	2.5	u	14.7
11	0.87100	14.1	3.8	u	14.1
12	1.08000	13.4	5.9	u	13.1
13	1.39000	12.1	6.6	u	12.0
14	1.75000	11.1	11.5	u	11.0
15	2.18000	9.8	21.8	u	10.1
16	2.78000	10.6	18.6	m	9.3
17	3.52000	9.3	30.5	d	-
18	4.39000	9.2	60.0	d	-
19	5.56000	7.5	56.2	d	-
20	7.04000	9.3	100.0	d	-

Sounding: EG132 Survey: Everglades National Park Date: 16-AUG-95
Location: N 25d 18m 53s W 80d 47m 02s UTM Coord: E[km] 521.75 N[km] 2799.65
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	36.67	9.70
2	110.50	4.40
3	9.76	49.70
4	4.91	--

Fit Error[%]: 2.721

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	70.4	0.4	u	68.7
2	0.00890	59.0	0.3	u	59.0
3	0.01200	47.7	0.5	u	49.4
4	0.01570	40.6	0.4	u	42.2
5	0.02000	36.0	0.4	u	36.6
6	0.02610	31.7	0.4	u	31.7
7	0.03340	28.3	0.4	u	28.0
8	0.04210	25.9	0.4	u	25.2
9	0.05410	23.4	0.4	u	22.6
10	0.06820	21.5	0.4	u	20.8
11	0.08380	19.8	0.4	u	19.4
12	0.10460	18.5	0.4	u	18.2
13	0.13560	17.2	0.4	u	17.1
14	0.17230	16.4	0.4	u	16.4
15	0.21490	15.7	0.3	u	15.8
16	0.27500	15.1	0.4	u	15.3
17	0.34900	14.7	0.3	u	14.8
18	0.43600	14.3	0.4	u	14.5
19	0.55500	13.9	0.6	u	14.1
20	0.70100	13.7	0.6	u	13.9

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	17.9	0.2	u	18.3
2	0.12100	17.2	0.2	u	17.4
3	0.15100	16.4	0.1	u	16.5
4	0.18800	15.7	0.2	u	15.8
5	0.23100	15.1	0.4	u	15.1
6	0.29100	14.4	0.4	u	14.4
7	0.36500	13.7	0.5	u	13.7
8	0.45200	13.1	0.5	u	13.0
9	0.57000	12.3	1.3	u	12.2
10	0.71200	11.7	1.5	u	11.5
11	0.87100	11.1	6.0	u	10.9
12	1.08000	10.3	7.7	u	10.2
13	1.39000	9.5	11.2	u	9.6
14	1.75000	9.2	19.9	u	9.1
15	2.18000	8.5	26.1	u	8.7
16	2.78000	8.1	22.3	m	8.3
17	3.52000	8.2	33.0	m	8.0
18	4.39000	8.3	50.9	m	7.9
19	5.56000	7.4	80.2	m	7.8
20	7.04000	9.1	100.0	d	-

Sounding: EG133 Survey: Everglades National Park Date: 16-AUG-95
Location: N 25d 18m 18s W 80d 44m 51s UTM Coord: E[km] 525.42 N[km] 2798.59
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	28.47	8.20
2	3.55	--

Fit Error[%]: 2.853

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	54.5	0.1	u	53.8
2	0.00890	41.6	0.1	u	41.3
3	0.01200	30.7	0.1	u	31.0
4	0.01570	23.9	0.2	u	24.5
5	0.02000	19.5	0.2	u	19.9
6	0.02610	16.1	0.1	u	16.2
7	0.03340	13.6	0.1	u	13.6
8	0.04210	11.9	0.1	u	11.7
9	0.05410	10.4	0.1	u	10.1
10	0.06820	9.2	0.1	u	9.0
11	0.08380	8.3	0.1	u	8.2
12	0.10460	7.6	0.1	u	7.5
13	0.13560	6.8	0.1	u	6.8
14	0.17230	6.3	0.1	u	6.3
15	0.21490	5.9	0.0	u	6.0
16	0.27500	5.6	0.1	u	5.7
17	0.34900	5.5	0.1	u	5.5
18	0.43600	5.4	0.1	u	5.4
19	0.55500	5.4	0.2	u	5.3
20	0.70100	5.5	0.3	u	5.4

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	7.4	0.1	u	7.5
2	0.12100	6.9	0.1	u	7.0
3	0.15100	6.4	0.1	u	6.5
4	0.18800	6.0	0.1	u	6.1
5	0.23100	5.7	0.1	u	5.7
6	0.29100	5.4	0.1	u	5.4
7	0.36500	5.2	0.1	u	5.2
8	0.45200	5.0	0.1	u	4.9
9	0.57000	4.9	0.3	u	4.8
10	0.71200	4.8	0.2	u	4.6
11	0.87100	4.6	0.9	u	4.5
12	1.08000	4.5	1.7	u	4.4
13	1.39000	4.3	1.2	u	4.3
14	1.75000	4.2	2.9	u	4.2
15	2.18000	4.0	3.1	u	4.2
16	2.78000	4.0	3.2	u	4.1
17	3.52000	3.8	4.4	m	4.1
18	4.39000	3.8	7.2	m	4.2
19	5.56000	5.1	85.3	d	-
20	7.04000	4.3	49.6	d	-

Sounding: EG134 Survey: Everglades National Park Date: 16-AUG-95
Location: N 25d 22m 08s W 80d 45m 04s UTM Coord: E[km] 525.04 N[km] 2805.66
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	132.00	12.30
2	16.56	21.20
3	11.84	--

Fit Error[%]: 3.101

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	96.0	0.3	u	98.8
2	0.00890	81.9	0.1	u	80.6
3	0.01200	66.9	0.3	u	65.7
4	0.01570	56.4	0.2	u	56.0
5	0.02000	49.5	0.2	u	49.1
6	0.02610	43.1	0.2	u	43.1
7	0.03340	38.2	0.1	u	38.6
8	0.04210	35.1	0.1	u	35.1
9	0.05410	31.7	0.1	u	31.8
10	0.06820	29.3	0.1	u	29.2
11	0.08380	27.1	0.1	u	27.2
12	0.10460	25.4	0.1	u	25.3
13	0.13560	23.5	0.1	u	23.5
14	0.17230	22.2	0.0	u	22.1
15	0.21490	21.2	0.3	u	21.0
16	0.27500	20.4	0.1	u	20.0
17	0.34900	19.9	0.3	u	19.4
18	0.43600	19.3	0.6	u	19.0
19	0.55500	18.9	0.5	u	18.8
20	0.70100	19.0	1.4	u	18.9

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	24.4	0.1	u	25.5
2	0.12100	23.4	0.1	u	24.0
3	0.15100	22.3	0.2	u	22.5
4	0.18800	21.1	0.2	u	21.2
5	0.23100	20.3	0.3	u	20.1
6	0.29100	19.4	0.2	u	19.0
7	0.36500	18.6	0.8	u	18.1
8	0.45200	17.8	0.8	u	17.4
9	0.57000	16.8	1.1	u	16.7
10	0.71200	16.3	2.1	u	16.1
11	0.87100	15.3	2.3	u	15.7
12	1.08000	14.9	3.7	u	15.3
13	1.39000	14.0	9.3	u	14.9
14	1.75000	15.1	16.7	u	14.6
15	2.18000	14.0	17.0	m	14.4
16	2.78000	13.6	34.6	m	14.2
17	3.52000	12.8	15.8	m	14.2
18	4.39000	12.2	25.3	m	14.3
19	5.56000	15.0	73.4	d	-
20	7.04000	26.7	100.0	d	-

Sounding: EG135 Survey: Everglades National Park Date: 16-AUG-95
Location: N 25d 20m 52s W 80d 43m 16s UTM Coord: E[km] 528.06 N[km] 2803.33
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	59.68	15.70
2	12.86	53.10
3	6.57	--

Fit Error[%]: 2.285

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	89.0	0.3	u	89.4
2	0.00890	76.0	0.0	u	75.2
3	0.01200	62.0	0.2	u	61.9
4	0.01570	52.3	0.2	u	52.7
5	0.02000	45.7	0.2	u	45.7
6	0.02610	39.6	0.1	u	39.6
7	0.03340	35.0	0.1	u	35.1
8	0.04210	32.0	0.1	u	31.7
9	0.05410	28.9	0.1	u	28.7
10	0.06820	26.8	0.1	u	26.4
11	0.08380	25.0	0.1	u	24.8
12	0.10460	23.7	0.1	u	23.4
13	0.13560	22.2	0.1	u	22.1
14	0.17230	21.2	0.1	u	21.2
15	0.21490	20.5	0.3	u	20.5
16	0.27500	19.8	0.1	u	19.7
17	0.34900	19.2	0.3	u	19.1
18	0.43600	18.5	0.5	u	18.5
19	0.55500	18.0	0.7	u	18.0
20	0.70100	17.5	0.8	u	17.8

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	22.6	0.1	u	23.5
2	0.12100	22.0	0.2	u	22.4
3	0.15100	21.1	0.2	u	21.3
4	0.18800	20.2	0.3	u	20.4
5	0.23100	19.6	0.4	u	19.5
6	0.29100	18.7	0.2	u	18.5
7	0.36500	17.9	0.4	u	17.6
8	0.45200	16.8	0.7	u	16.6
9	0.57000	15.7	0.8	u	15.6
10	0.71200	14.9	1.0	u	14.7
11	0.87100	13.9	1.6	u	13.9
12	1.08000	12.8	3.2	u	13.1
13	1.39000	11.9	3.0	u	12.3
14	1.75000	11.7	4.1	u	11.7
15	2.18000	11.1	6.0	u	11.2
16	2.78000	11.3	10.3	u	10.7
17	3.52000	11.5	26.2	m	10.4
18	4.39000	12.3	37.5	m	10.2
19	5.56000	10.4	45.2	m	10.1
20	7.04000	9.1	71.2	d	-

Sounding: EG136 Survey: Everglades National Park Date: 16-AUG-95
Location: N 25d 20m 59s W 80d 40m 58s UTM Coord: E[km] 531.92 N[km] 2803.55
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	70.88	16.00
2	27.74	82.70
3	5.09	--

Fit Error[%]: 2.930

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	98.0	0.4	u	98.8
2	0.00890	87.2	0.1	u	85.9
3	0.01200	74.3	0.3	u	74.3
4	0.01570	65.6	0.3	u	66.2
5	0.02000	60.3	0.3	u	60.0
6	0.02610	54.7	0.2	u	54.5
7	0.03340	50.5	0.1	u	50.3
8	0.04210	47.7	0.2	u	47.1
9	0.05410	44.6	0.3	u	44.2
10	0.06820	42.6	0.1	u	42.2
11	0.08380	40.6	0.2	u	40.8
12	0.10460	39.8	0.2	u	39.9
13	0.13560	39.0	0.1	u	39.4
14	0.17230	39.6	0.3	u	39.4
15	0.21490	39.5	0.6	u	39.5
16	0.27500	39.7	0.9	u	39.4
17	0.34900	39.2	1.1	u	38.7
18	0.43600	37.5	2.4	u	37.5
19	0.55500	34.8	1.9	u	35.9
20	0.70100	32.4	3.8	u	34.2

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	37.8	0.2	u	39.7
2	0.12100	38.0	0.3	u	39.1
3	0.15100	38.2	0.3	u	38.7
4	0.18800	38.2	0.5	u	38.3
5	0.23100	38.5	0.7	u	37.8
6	0.29100	37.8	0.5	u	36.6
7	0.36500	35.8	1.1	u	34.7
8	0.45200	33.1	1.6	u	32.3
9	0.57000	30.3	2.3	u	29.3
10	0.71200	26.5	3.0	u	26.4
11	0.87100	23.9	5.0	u	23.9
12	1.08000	21.2	5.4	u	21.5
13	1.39000	19.1	7.4	u	19.1
14	1.75000	17.1	6.0	u	17.2
15	2.18000	16.6	12.1	m	15.7
16	2.78000	16.4	18.1	m	14.4
17	3.52000	15.8	28.7	d	-
18	4.39000	16.6	67.5	d	-
19	5.56000	23.7	100.0	d	-
20	7.04000	21.2	100.0	d	-

Sounding: EG201 Survey: Everglades National Park Date: 11-MAR-96
Location: N 25d 23m 49s W 80d 35m 44s UTM Coord: E[km] 540.69 N[km] 2808.79
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	523.80	11.70
2	59.29	54.70
3	26.66	--

Fit Error[%]: 2.928

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	165.0	0.3	u	173.5
2	0.00890	157.8	0.2	u	150.4
3	0.01200	135.3	0.1	u	131.0
4	0.01570	118.4	0.2	u	118.3
5	0.02000	109.1	0.3	u	109.4
6	0.02610	99.8	0.1	u	101.9
7	0.03340	94.2	0.1	u	96.3
8	0.04210	92.7	0.1	u	91.7
9	0.05410	87.8	0.1	u	86.7
10	0.06820	83.2	0.2	u	82.0
11	0.08380	77.9	0.1	u	77.7
12	0.10460	74.0	0.1	u	73.1
13	0.13560	67.8	0.2	u	67.8
14	0.17230	63.7	0.3	u	63.4
15	0.21490	59.7	0.4	u	59.8
16	0.27500	55.6	0.5	u	56.4
17	0.34900	55.1	1.1	u	53.9
18	0.43600	52.7	0.8	u	52.0
19	0.55500	51.2	2.4	u	50.9
20	0.70100	55.9	2.4	d	-

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	71.5	0.7	u	73.4
2	0.12100	69.0	0.6	u	69.3
3	0.15100	64.7	0.4	u	64.7
4	0.18800	60.0	2.0	u	60.4
5	0.23100	57.1	1.7	u	56.8
6	0.29100	52.7	4.3	u	53.1
7	0.36500	50.7	6.1	u	49.9
8	0.45200	45.9	10.8	u	47.2
9	0.57000	44.3	11.9	u	44.7
10	0.71200	43.7	33.6	m	42.6
11	0.87100	48.4	32.7	d	-
12	1.08000	51.7	44.5	d	-
13	1.39000	64.6	100.0	d	-
14	1.75000	57.5	100.0	d	-
15	2.18000	53.5	100.0	d	-
16	2.78000	26.7	100.0	d	-
17	3.52000	29.7	100.0	d	-
18	4.39000	7.7	100.0	d	-
19	5.56000	5.1	100.0	d	-
20	7.04000	8.4	100.0	d	-

Sounding: EG202 Survey: Everglades National Park Date: 11-MAR-96
Location: N 25d 24m 55s W 80d 37m 42s UTM Coord: E[km] 537.14 N[km] 2810.88
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	386.40	11.60
2	57.96	48.30
3	26.65	--

Fit Error[%]: 4.136

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	168.1	0.2	u	165.9
2	0.00890	146.6	0.2	u	144.2
3	0.01200	125.9	0.1	u	126.1
4	0.01570	111.4	0.2	u	114.5
5	0.02000	104.8	0.2	u	106.2
6	0.02610	98.0	0.1	u	99.0
7	0.03340	92.3	0.1	u	93.3
8	0.04210	90.1	0.1	u	88.4
9	0.05410	85.0	0.1	u	82.8
10	0.06820	80.3	0.2	u	77.8
11	0.08380	74.5	0.3	u	73.2
12	0.10460	70.1	0.2	u	68.6
13	0.13560	64.5	0.2	u	63.5
14	0.17230	60.4	0.3	u	59.4
15	0.21490	57.1	0.4	u	56.1
16	0.27500	54.3	0.5	u	53.1
17	0.34900	52.2	1.0	u	50.8
18	0.43600	50.4	1.5	u	49.3
19	0.55500	49.1	2.4	u	48.3
20	0.70100	49.9	3.4	u	48.2

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	65.9	0.8	u	69.0
2	0.12100	63.3	1.2	u	65.0
3	0.15100	59.5	1.5	u	60.6
4	0.18800	55.1	2.6	u	56.7
5	0.23100	52.2	4.3	u	53.4
6	0.29100	48.0	6.2	u	50.1
7	0.36500	44.0	10.5	u	47.2
8	0.45200	40.1	14.8	d	-
9	0.57000	34.4	20.9	d	-
10	0.71200	29.3	27.6	d	-
11	0.87100	38.3	69.3	d	-
12	1.08000	36.4	100.0	d	-
13	1.39000	41.8	100.0	d	-
14	1.75000	43.2	100.0	d	-
15	2.18000	46.9	100.0	d	-
16	2.78000	33.2	100.0	d	-
17	3.52000	11.8	100.0	d	-
18	4.39000	3.6	92.8	d	-
19	5.56000	1.7	49.8	d	-
20	7.04000	1.3	63.2	d	-

Sounding: EG203 Survey: Everglades National Park Date: 11-MAR-96
Location: N 25d 25m 06s W 80d 40m 01s UTM Coord: E[km] 533.50 N[km] 2811.16
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	265.00	7.30
2	32.84	11.80
3	12.71	31.90
4	26.76	--

Fit Error[%]: 1.604

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	100.9	0.3	u	100.8
2	0.00890	85.2	0.3	u	84.2
3	0.01200	69.1	0.2	u	69.2
4	0.01570	57.7	0.3	u	58.7
5	0.02000	50.4	0.2	u	50.8
6	0.02610	43.7	0.2	u	43.6
7	0.03340	38.3	0.2	u	38.4
8	0.04210	34.7	0.3	u	34.1
9	0.05410	30.8	0.2	u	30.4
10	0.06820	28.0	0.2	u	27.6
11	0.08380	25.7	0.2	u	25.6
12	0.10460	24.0	0.2	u	23.8
13	0.13560	22.3	0.2	u	22.4
14	0.17230	21.4	0.2	u	21.5
15	0.21490	20.9	0.4	u	21.0
16	0.27500	20.8	0.4	u	20.8
17	0.34900	21.0	0.3	u	20.9
18	0.43600	21.2	0.2	u	21.3
19	0.55500	21.8	0.7	u	22.1
20	0.70100	23.2	0.9	u	23.2

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	23.4	0.2	u	24.1
2	0.12100	22.5	0.3	u	22.8
3	0.15100	21.6	0.2	u	21.7
4	0.18800	20.9	0.6	u	21.0
5	0.23100	20.6	1.4	u	20.5
6	0.29100	20.4	1.4	u	20.2
7	0.36500	20.4	3.1	u	20.1
8	0.45200	20.5	4.8	u	20.1
9	0.57000	20.3	7.2	u	20.3
10	0.71200	21.6	17.4	m	20.6
11	0.87100	21.0	13.9	m	20.9
12	1.08000	20.6	29.2	d	-
13	1.39000	20.3	47.3	d	-
14	1.75000	16.6	77.2	d	-
15	2.18000	14.9	100.0	d	-
16	2.78000	32.3	100.0	d	-
17	3.52000	6.3	100.0	d	-
18	4.39000	4.8	100.0	d	-
19	5.56000	3.2	100.0	d	-
20	7.04000	8.6	100.0	d	-

Sounding: EG204 Survey: Everglades National Park Date: 11-MAR-96
Location: N 25d 26m 15s W 80d 42m 01s UTM Coord: E[km] 530.15 N[km] 2813.23
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	428.90	12.20
2	45.23	34.50
3	9.42	--

Fit Error[%]: 2.972

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	149.5	0.3	u	155.1
2	0.00890	137.0	0.2	u	134.2
3	0.01200	121.3	0.1	u	117.6
4	0.01570	108.6	0.1	u	107.4
5	0.02000	100.8	0.2	u	99.7
6	0.02610	91.5	0.1	u	92.1
7	0.03340	82.4	0.1	u	84.5
8	0.04210	76.0	0.1	u	76.8
9	0.05410	67.3	0.1	u	68.0
10	0.06820	59.9	0.8	u	60.2
11	0.08380	53.3	0.2	u	53.7
12	0.10460	47.7	0.2	u	47.5
13	0.13560	41.6	0.2	u	41.4
14	0.17230	37.3	0.3	u	36.8
15	0.21490	33.8	0.4	u	33.3
16	0.27500	30.8	0.3	u	30.1
17	0.34900	28.4	0.2	u	27.7
18	0.43600	26.6	0.5	u	25.9
19	0.55500	24.7	1.0	u	24.6
20	0.70100	23.8	0.9	u	23.8

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	46.9	0.3	u	48.0
2	0.12100	42.9	0.6	u	43.2
3	0.15100	38.4	1.0	u	38.2
4	0.18800	34.3	1.2	u	34.1
5	0.23100	31.1	1.6	u	30.8
6	0.29100	27.9	2.9	u	27.6
7	0.36500	25.1	4.5	u	25.0
8	0.45200	22.4	6.0	u	23.0
9	0.57000	19.9	9.0	u	21.1
10	0.71200	17.8	13.7	m	19.6
11	0.87100	16.3	18.0	m	18.4
12	1.08000	14.4	26.4	m	17.3
13	1.39000	12.5	42.8	d	-
14	1.75000	11.2	61.3	d	-
15	2.18000	11.3	100.0	d	-
16	2.78000	16.7	100.0	d	-
17	3.52000	13.4	100.0	d	-
18	4.39000	5.4	100.0	d	-
19	5.56000	3.6	100.0	d	-
20	7.04000	2.6	100.0	d	-

Sounding: EG205 Survey: Everglades National Park Date: 11-MAR-96
Location: N 25d 26m 00s W 80d 44m 21s UTM Coord: E[km] 526.22 N[km] 2812.81
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	373.10	10.30
2	26.79	67.10
3	9.73	--

Fit Error[%]: 3.155

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	105.0	1.2	u	108.2
2	0.00890	91.4	1.2	u	90.6
3	0.01200	76.7	1.1	u	76.0
4	0.01570	66.0	1.1	u	66.4
5	0.02000	59.7	1.1	u	59.5
6	0.02610	53.7	1.1	u	53.5
7	0.03340	49.3	1.1	u	49.2
8	0.04210	47.0	1.1	u	46.0
9	0.05410	44.1	1.0	u	43.3
10	0.06820	42.7	1.0	u	41.4
11	0.08380	41.0	1.2	u	40.1
12	0.10460	39.9	1.2	u	39.1
13	0.13560	38.4	1.2	u	37.9
14	0.17230	37.4	1.3	u	36.8
15	0.21490	35.9	1.1	u	35.5
16	0.27500	34.5	1.1	u	34.0
17	0.34900	33.0	1.0	u	32.4
18	0.43600	31.4	1.1	u	31.0
19	0.55500	29.9	0.8	u	29.7
20	0.70100	29.2	1.7	u	28.9

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	36.7	0.2	u	39.0
2	0.12100	36.5	0.2	u	38.0
3	0.15100	35.9	0.3	u	36.7
4	0.18800	34.5	0.7	u	35.3
5	0.23100	33.5	1.0	u	33.7
6	0.29100	31.5	1.5	u	31.7
7	0.36500	29.5	2.6	u	29.5
8	0.45200	26.9	4.4	u	27.5
9	0.57000	24.9	5.1	u	25.5
10	0.71200	23.7	7.1	u	23.6
11	0.87100	23.5	10.7	m	22.1
12	1.08000	23.0	11.5	m	20.7
13	1.39000	23.2	18.9	d	-
14	1.75000	27.2	23.0	d	-
15	2.18000	23.8	66.3	d	-
16	2.78000	25.5	100.0	d	-
17	3.52000	14.7	100.0	d	-
18	4.39000	6.4	69.7	d	-
19	5.56000	5.1	63.8	d	-
20	7.04000	18.3	100.0	d	-

Sounding: EG206 Survey: Everglades National Park Date: 11-MAR-96
Location: N 25d 25m 28s W 80d 46m 25s UTM Coord: E[km] 522.76 N[km] 2811.81
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	296.30	10.60
2	7.27	43.60
3	2.90	--

Fit Error[%]: 4.281

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	75.5	0.1	u	81.7
2	0.00890	61.5	0.2	u	63.2
3	0.01200	48.2	0.3	u	48.4
4	0.01570	39.1	0.3	u	39.1
5	0.02000	33.2	0.3	u	32.7
6	0.02610	28.1	0.2	u	27.3
7	0.03340	24.3	0.2	u	23.5
8	0.04210	21.8	0.2	u	20.7
9	0.05410	19.2	0.3	u	18.4
10	0.06820	17.4	0.2	u	16.7
11	0.08380	15.9	0.2	u	15.5
12	0.10460	14.8	0.2	u	14.4
13	0.13560	13.7	0.3	u	13.6
14	0.17230	12.9	0.2	u	12.9
15	0.21490	12.3	0.3	u	12.5
16	0.27500	11.7	0.2	u	12.0
17	0.34900	11.3	0.1	u	11.5
18	0.43600	10.9	0.2	u	11.1
19	0.55500	10.6	0.5	u	10.7
20	0.70100	10.6	0.8	u	10.4

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	14.3	0.1	u	14.5
2	0.12100	13.6	0.1	u	13.8
3	0.15100	12.9	0.1	u	13.0
4	0.18800	12.2	0.3	u	12.4
5	0.23100	11.7	0.4	u	11.8
6	0.29100	11.0	0.4	u	11.2
7	0.36500	10.4	0.6	u	10.5
8	0.45200	9.9	1.0	u	9.9
9	0.57000	9.3	1.3	u	9.1
10	0.71200	9.0	2.0	u	8.5
11	0.87100	7.9	2.6	u	7.9
12	1.08000	7.3	5.5	u	7.3
13	1.39000	6.6	7.5	u	6.8
14	1.75000	6.1	14.9	m	6.3
15	2.18000	5.5	27.7	m	5.9
16	2.78000	5.2	54.7	d	-
17	3.52000	5.0	86.4	d	-
18	4.39000	7.6	100.0	d	-
19	5.56000	4.2	100.0	d	-
20	7.04000	1.5	33.3	d	-

Sounding: EG207 Survey: Everglades National Park Date: 11-MAR-96
Location: N 25d 23m 34s W 80d 48m 04s UTM Coord: E[km] 519.99 N[km] 2808.30
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	364.20	7.60
2	6.85	58.30
3	2.79	--

Fit Error[%]: 2.459

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	59.3	0.2	u	60.7
2	0.00890	47.8	0.1	u	47.0
3	0.01200	37.0	0.1	u	36.2
4	0.01570	29.8	0.1	u	29.5
5	0.02000	25.2	0.1	u	24.9
6	0.02610	21.3	0.1	u	21.0
7	0.03340	18.3	0.0	u	18.3
8	0.04210	16.4	0.0	u	16.4
9	0.05410	14.6	0.0	u	14.7
10	0.06820	13.3	0.1	u	13.4
11	0.08380	12.4	0.0	u	12.5
12	0.10460	11.7	0.1	u	11.7
13	0.13560	11.0	0.1	u	11.0
14	0.17230	10.7	0.1	u	10.6
15	0.21490	10.5	0.2	u	10.3
16	0.27500	10.3	0.1	u	10.1
17	0.34900	10.2	0.4	u	10.0
18	0.43600	10.0	0.5	u	10.0
19	0.55500	10.0	1.0	u	10.0
20	0.70100	10.0	1.0	u	10.1

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	11.1	0.2	u	11.8
2	0.12100	10.8	0.2	u	11.2
3	0.15100	10.5	0.2	u	10.7
4	0.18800	10.1	0.2	u	10.2
5	0.23100	10.0	0.3	u	9.9
6	0.29100	9.7	0.3	u	9.6
7	0.36500	9.4	0.4	u	9.3
8	0.45200	9.1	0.7	u	9.1
9	0.57000	8.8	1.0	u	8.7
10	0.71200	8.4	1.9	u	8.3
11	0.87100	7.9	2.6	u	7.9
12	1.08000	7.4	4.5	u	7.5
13	1.39000	7.1	5.8	u	7.0
14	1.75000	7.0	13.5	m	6.5
15	2.18000	6.9	20.2	d	-
16	2.78000	6.9	32.4	d	-
17	3.52000	8.0	44.6	d	-
18	4.39000	10.8	100.0	d	-
19	5.56000	7.5	100.0	d	-
20	7.04000	4.4	100.0	d	-

Sounding: EG208 Survey: Everglades National Park Date: 12-MAR-96
Location: N 25d 21m 41s W 80d 49m 14s UTM Coord: E[km] 518.04 N[km] 2804.82
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	310.70	5.90
2	31.13	43.70
3	10.88	--

Fit Error[%]: 4.760

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	80.2	0.5	u	83.4
2	0.00890	71.8	0.3	u	72.0
3	0.01200	62.8	0.3	u	62.7
4	0.01570	56.9	0.1	u	56.7
5	0.02000	54.3	0.1	u	52.6
6	0.02610	51.2	0.2	u	49.3
7	0.03340	48.5	0.2	u	47.0
8	0.04210	46.7	0.2	u	45.3
9	0.05410	43.4	0.4	u	43.4
10	0.06820	40.9	0.2	u	41.5
11	0.08380	38.1	0.2	u	39.5
12	0.10460	36.2	0.2	u	37.2
13	0.13560	33.8	0.3	u	34.4
14	0.17230	32.2	0.2	u	31.9
15	0.21490	30.6	0.6	u	29.8
16	0.27500	29.0	0.3	u	27.8
17	0.34900	27.3	0.3	u	26.2
18	0.43600	25.6	0.4	u	25.0
19	0.55500	24.1	0.7	u	24.1
20	0.70100	23.1	0.8	u	23.7

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	34.5	0.2	u	37.3
2	0.12100	33.5	0.3	u	35.1
3	0.15100	32.0	0.3	u	32.6
4	0.18800	30.2	0.6	u	30.2
5	0.23100	28.9	1.2	u	28.1
6	0.29100	26.8	1.0	u	25.9
7	0.36500	24.8	2.3	u	24.0
8	0.45200	22.6	3.2	u	22.5
9	0.57000	20.8	4.1	u	21.0
10	0.71200	19.4	6.4	u	19.8
11	0.87100	17.7	11.0	u	18.8
12	1.08000	17.7	17.4	m	17.9
13	1.39000	16.4	30.4	d	-
14	1.75000	16.2	47.3	d	-
15	2.18000	18.7	100.0	d	-
16	2.78000	23.7	100.0	d	-
17	3.52000	25.3	100.0	d	-
18	4.39000	19.2	100.0	d	-
19	5.56000	9.9	100.0	d	-
20	7.04000	6.1	100.0	d	-

Sounding: EG209 Survey: Everglades National Park Date: 12-MAR-96
Location: N 25d 19m 29s W 80d 49m 51s UTM Coord: E[km] 517.04 N[km] 2800.75
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	7.00	6.90
2	2.75	37.10
3	7.68	--

Fit Error[%]: 2.782

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 1.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	30.3	0.3	u	30.9
2	0.00890	24.0	0.1	u	23.9
3	0.01200	18.5	0.0	u	18.4
4	0.01570	14.8	0.0	u	14.8
5	0.02000	12.4	0.1	u	12.3
6	0.02610	10.3	0.0	u	10.1
7	0.03340	8.7	0.0	u	8.6
8	0.04210	7.6	0.1	u	7.5
9	0.05410	6.6	0.1	u	6.6
10	0.06820	5.9	0.1	u	5.9
11	0.08380	5.4	0.1	u	5.4
12	0.10460	5.0	0.1	u	5.0
13	0.13560	4.5	0.1	u	4.6
14	0.17230	4.3	0.0	u	4.3
15	0.21490	4.1	0.0	u	4.1
16	0.27500	3.9	0.1	u	3.9
17	0.34900	3.8	0.1	u	3.7
18	0.43600	3.7	0.1	u	3.7
19	0.55500	3.7	0.2	u	3.7
20	0.70100	3.8	0.2	u	3.8

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 5

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	4.8	0.3	u	5.0
2	0.12100	4.6	0.3	u	4.7
3	0.15100	4.3	0.3	u	4.4
4	0.18800	4.0	0.3	u	4.1
5	0.23100	3.9	0.3	u	3.9
6	0.29100	3.7	0.3	u	3.7
7	0.36500	3.6	0.3	u	3.5
8	0.45200	3.5	0.3	u	3.4
9	0.57000	3.4	0.4	u	3.4
10	0.71200	3.4	0.4	u	3.3
11	0.87100	3.4	0.4	u	3.3
12	1.08000	3.4	0.5	u	3.4
13	1.39000	3.5	0.7	u	3.5
14	1.75000	3.6	1.3	u	3.6
15	2.18000	3.8	1.2	u	3.8
16	2.78000	3.9	2.6	u	4.0
17	3.52000	4.1	4.7	u	4.2
18	4.39000	4.3	7.6	u	4.5
19	5.56000	5.1	7.2	u	4.8
20	7.04000	5.8	71.9	d	-

Sounding: EG210 Survey: Everglades National Park Date: 12-MAR-96
Location: N 25d 20m 18s W 80d 48m 31s UTM Coord: E[km] 519.25 N[km] 2802.27
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	62.54	30.30
2	18.68	35.10
3	9.86	--

Fit Error[%]: 2.922

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	100.0	0.3	u	96.5
2	0.00890	92.5	0.1	u	89.9
3	0.01200	82.1	0.2	u	83.6
4	0.01570	74.5	0.2	u	78.0
5	0.02000	70.5	0.2	u	72.4
6	0.02610	65.2	0.1	u	65.9
7	0.03340	60.6	0.0	u	60.3
8	0.04210	57.4	0.1	u	55.4
9	0.05410	52.2	0.1	u	50.8
10	0.06820	48.3	0.1	u	47.1
11	0.08380	44.4	0.6	u	44.1
12	0.10460	41.1	0.4	u	41.2
13	0.13560	37.5	0.1	u	38.0
14	0.17230	34.9	0.1	u	35.2
15	0.21490	32.5	0.3	u	32.8
16	0.27500	30.4	0.4	u	30.5
17	0.34900	28.5	0.7	u	28.5
18	0.43600	27.3	0.6	u	27.1
19	0.55500	25.9	0.8	u	25.9
20	0.70100	25.8	2.5	u	25.2

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	40.4	0.3	u	41.4
2	0.12100	38.4	0.3	u	38.8
3	0.15100	35.7	0.4	u	35.9
4	0.18800	33.0	0.7	u	33.2
5	0.23100	30.9	0.9	u	30.7
6	0.29100	28.4	1.0	u	28.2
7	0.36500	26.2	2.1	u	26.0
8	0.45200	24.2	2.3	u	24.1
9	0.57000	22.5	3.0	u	22.3
10	0.71200	20.8	6.8	u	20.7
11	0.87100	18.8	7.7	u	19.5
12	1.08000	16.6	11.3	m	18.4
13	1.39000	14.5	14.2	d	-
14	1.75000	12.6	26.9	d	-
15	2.18000	11.2	36.0	d	-
16	2.78000	9.3	43.5	d	-
17	3.52000	7.5	66.8	d	-
18	4.39000	11.3	100.0	d	-
19	5.56000	111.3	100.0	d	-
20	7.04000	9.1	100.0	d	-

Sounding: EG211 Survey: Everglades National Park Date: 12-MAR-96
Location: N 25d 18m 22s W 80d 47m 53s UTM Coord: E[km] 520.35 N[km] 2798.66
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	321.30	2.20
2	19.02	10.90
3	1.93	26.70
4	6.60	--

Fit Error[%]: 4.804

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	66.3	0.3	u	61.8
2	0.00890	52.2	0.2	u	52.2
3	0.01200	39.6	0.1	u	42.0
4	0.01570	31.3	0.1	u	33.8
5	0.02000	25.8	0.1	u	27.4
6	0.02610	21.2	0.1	u	21.8
7	0.03340	17.5	0.1	u	17.7
8	0.04210	15.1	0.1	u	14.7
9	0.05410	12.6	0.1	u	12.1
10	0.06820	10.7	0.1	u	10.2
11	0.08380	9.3	0.1	u	8.9
12	0.10460	8.0	0.2	u	7.7
13	0.13560	6.7	0.2	u	6.6
14	0.17230	5.8	0.2	u	5.8
15	0.21490	5.1	0.2	u	5.2
16	0.27500	4.5	0.2	u	4.6
17	0.34900	4.2	0.1	u	4.3
18	0.43600	3.9	0.2	u	4.0
19	0.55500	3.8	0.1	u	3.9
20	0.70100	3.8	0.2	u	3.9

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	8.1	0.2	u	7.8
2	0.12100	7.2	0.1	u	6.9
3	0.15100	6.2	0.2	u	6.1
4	0.18800	5.4	0.1	u	5.4
5	0.23100	4.8	0.3	u	4.8
6	0.29100	4.3	0.2	u	4.3
7	0.36500	3.9	0.2	u	4.0
8	0.45200	3.7	0.2	u	3.7
9	0.57000	3.5	0.2	u	3.5
10	0.71200	3.5	0.1	u	3.4
11	0.87100	3.4	0.5	u	3.3
12	1.08000	3.4	0.8	u	3.3
13	1.39000	3.4	0.9	u	3.4
14	1.75000	3.5	0.8	u	3.4
15	2.18000	3.5	2.9	u	3.5
16	2.78000	3.6	4.9	u	3.7
17	3.52000	3.9	10.3	u	3.9
18	4.39000	3.7	13.3	m	4.1
19	5.56000	4.4	24.5	d	-
20	7.04000	3.6	13.8	d	-

Sounding: EG212 Survey: Everglades National Park Date: 12-MAR-96
Location: N 25d 15m 50s W 80d 47m 53s UTM Coord: E[km] 520.34 N[km] 2794.03
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	247.30	1.70
2	15.71	6.40
3	1.52	--

Fit Error[%]: 3.374

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	55.3	0.5	u	56.4
2	0.00890	42.4	0.3	u	42.5
3	0.01200	31.0	0.1	u	30.9
4	0.01570	23.6	0.2	u	23.5
5	0.02000	18.5	0.2	u	18.4
6	0.02610	14.6	0.2	u	14.2
7	0.03340	11.6	0.1	u	11.3
8	0.04210	9.6	0.2	u	9.3
9	0.05410	7.9	0.2	u	7.6
10	0.06820	6.6	0.2	u	6.4
11	0.08380	5.7	0.2	u	5.6
12	0.10460	5.0	0.2	u	4.9
13	0.13560	4.3	0.2	u	4.3
14	0.17230	3.8	0.2	u	3.8
15	0.21490	3.4	0.3	u	3.5
16	0.27500	3.1	0.2	u	3.2
17	0.34900	3.0	0.2	u	3.0
18	0.43600	2.8	0.2	u	2.9
19	0.55500	2.7	0.2	u	2.8
20	0.70100	2.7	0.2	u	2.8

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	4.9	0.1	u	5.0
2	0.12100	4.4	0.0	u	4.5
3	0.15100	3.9	0.0	u	4.0
4	0.18800	3.5	0.0	u	3.6
5	0.23100	3.2	0.1	u	3.3
6	0.29100	2.9	0.0	u	3.0
7	0.36500	2.7	0.1	u	2.8
8	0.45200	2.6	0.1	u	2.6
9	0.57000	2.4	0.1	u	2.5
10	0.71200	2.4	0.3	u	2.3
11	0.87100	2.3	0.3	u	2.2
12	1.08000	2.2	0.6	u	2.1
13	1.39000	2.1	1.2	u	2.1
14	1.75000	2.1	1.5	u	2.0
15	2.18000	2.0	2.5	u	2.0
16	2.78000	2.0	3.0	u	1.9
17	3.52000	1.9	4.3	u	1.9
18	4.39000	1.9	17.6	d	-
19	5.56000	1.8	9.3	d	-
20	7.04000	2.0	14.4	d	-

Sounding: EG213 Survey: Everglades National Park Date: 12-MAR-96
Location: N 25d 25m 46s W 80d 39m 28s UTM Coord: E[km] 534.41 N[km] 2812.51
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	385.70	9.50
2	70.70	47.60
3	7.60	--

Fit Error[%]: 3.352

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	162.4	0.2	u	167.3
2	0.00890	154.6	0.1	u	149.3
3	0.01200	138.6	0.3	u	135.9
4	0.01570	127.7	0.3	u	128.7
5	0.02000	123.9	0.3	u	124.4
6	0.02610	118.4	0.2	u	120.6
7	0.03340	113.7	0.1	u	115.4
8	0.04210	108.8	0.2	u	108.1
9	0.05410	98.3	0.1	u	97.3
10	0.06820	87.9	0.2	u	85.8
11	0.08380	77.1	0.4	u	75.7
12	0.10460	67.2	0.2	u	65.7
13	0.13560	56.5	0.2	u	55.7
14	0.17230	48.5	0.1	u	48.0
15	0.21490	42.4	0.3	u	42.3
16	0.27500	36.9	0.5	u	37.1
17	0.34900	32.9	0.6	u	33.3
18	0.43600	29.5	0.6	u	30.4
19	0.55500	27.0	0.8	u	28.1
20	0.70100	25.5	1.5	u	26.5

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	65.7	0.4	u	66.2
2	0.12100	58.4	0.4	u	58.2
3	0.15100	50.5	0.3	u	50.2
4	0.18800	43.4	0.4	u	43.5
5	0.23100	38.2	0.7	u	38.3
6	0.29100	33.0	0.7	u	33.3
7	0.36500	29.0	1.0	u	29.4
8	0.45200	25.6	1.1	u	26.2
9	0.57000	22.8	1.0	u	23.4
10	0.71200	21.6	1.0	u	21.2
11	0.87100	19.7	4.8	u	19.5
12	1.08000	18.7	6.7	u	17.9
13	1.39000	17.3	9.9	u	16.4
14	1.75000	16.9	13.0	m	15.3
15	2.18000	15.5	21.3	m	14.5
16	2.78000	16.1	34.0	d	-
17	3.52000	14.8	33.0	d	-
18	4.39000	15.0	55.2	d	-
19	5.56000	17.2	100.0	d	-
20	7.04000	10.8	100.0	d	-

Sounding: EG214 Survey: Everglades National Park Date: 13-MAR-96
Location: N 25d 23m 17s W 80d 38m 35s UTM Coord: E[km] 535.91 N[km] 2807.81
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	394.60	14.70
2	38.09	50.10
3	17.87	--

Fit Error[%]: 2.807

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	154.6	0.3	u	164.4
2	0.00890	141.4	0.3	u	137.8
3	0.01200	119.2	0.1	u	115.6
4	0.01570	102.4	0.2	u	101.0
5	0.02000	92.1	0.2	u	90.7
6	0.02610	82.6	0.1	u	81.9
7	0.03340	75.5	0.1	u	75.7
8	0.04210	71.4	0.2	u	71.0
9	0.05410	66.5	0.3	u	66.5
10	0.06820	63.1	0.2	u	62.7
11	0.08380	59.3	0.2	u	59.4
12	0.10460	56.3	0.2	u	55.9
13	0.13560	52.0	0.2	u	51.9
14	0.17230	48.8	0.4	u	48.4
15	0.21490	45.8	0.4	u	45.5
16	0.27500	43.3	0.2	u	42.6
17	0.34900	41.3	0.3	u	40.4
18	0.43600	38.9	0.6	u	38.8
19	0.55500	37.9	1.2	u	37.7
20	0.70100	36.7	2.2	u	37.1

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	53.5	0.2	u	56.1
2	0.12100	51.6	0.3	u	53.0
3	0.15100	48.8	0.4	u	49.4
4	0.18800	45.5	0.3	u	46.0
5	0.23100	43.3	0.6	u	43.0
6	0.29100	40.3	0.6	u	40.0
7	0.36500	37.7	1.5	u	37.3
8	0.45200	35.2	1.0	u	35.0
9	0.57000	32.9	3.0	u	32.9
10	0.71200	30.9	1.8	u	31.1
11	0.87100	30.1	6.9	u	29.7
12	1.08000	27.8	4.1	u	28.4
13	1.39000	26.9	10.9	u	27.1
14	1.75000	27.6	21.2	d	-
15	2.18000	31.9	38.4	d	-
16	2.78000	38.9	35.3	d	-
17	3.52000	36.3	100.0	d	-
18	4.39000	27.6	100.0	d	-
19	5.56000	27.6	100.0	d	-
20	7.04000	95.2	100.0	d	-

Sounding: EG215 Survey: Everglades National Park Date: 13-MAR-96
Location: N 25d 23m 20s W 80d 43m 16s UTM Coord: E[km] 528.07 N[km] 2807.89
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	335.80	3.80
2	44.81	17.40
3	9.69	43.90
4	1.83	--

Fit Error[%]: 3.727

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	104.2	0.3	u	101.2
2	0.00890	89.2	0.2	u	87.9
3	0.01200	72.0	0.2	u	74.2
4	0.01570	60.3	0.2	u	63.2
5	0.02000	52.5	0.1	u	54.4
6	0.02610	45.5	0.1	u	46.3
7	0.03340	40.0	0.1	u	40.1
8	0.04210	36.3	0.1	u	35.3
9	0.05410	32.4	0.1	u	31.1
10	0.06820	29.6	0.1	u	28.1
11	0.08380	27.1	0.1	u	26.0
12	0.10460	25.3	0.1	u	24.3
13	0.13560	23.2	0.2	u	23.0
14	0.17230	21.9	0.1	u	22.1
15	0.21490	20.8	0.3	u	21.3
16	0.27500	19.8	0.2	u	20.4
17	0.34900	18.9	0.1	u	19.3
18	0.43600	17.9	0.1	u	18.2
19	0.55500	16.8	0.4	u	16.9
20	0.70100	16.1	0.3	u	15.7

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	24.4	0.3	u	24.3
2	0.12100	23.3	0.3	u	23.1
3	0.15100	21.9	0.4	u	21.9
4	0.18800	20.5	0.3	u	20.9
5	0.23100	19.5	0.4	u	19.8
6	0.29100	18.1	0.5	u	18.5
7	0.36500	16.7	0.6	u	16.8
8	0.45200	15.2	0.7	u	15.2
9	0.57000	13.6	0.9	u	13.4
10	0.71200	12.2	1.3	u	11.8
11	0.87100	10.8	1.8	u	10.5
12	1.08000	9.4	2.2	u	9.3
13	1.39000	8.1	2.5	u	8.1
14	1.75000	7.1	4.9	u	7.2
15	2.18000	6.4	6.5	u	6.5
16	2.78000	5.8	4.5	u	5.9
17	3.52000	5.4	5.7	u	5.4
18	4.39000	4.9	9.9	u	5.1
19	5.56000	5.4	20.3	m	4.8
20	7.04000	5.0	17.8	m	4.6

Sounding: EG216 Survey: Everglades National Park Date: 13-MAR-96
Location: N 25d 23m 21s W 80d 44m 29s UTM Coord: E[km] 526.01 N[km] 2807.91
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	195.70	13.30
2	8.63	83.00
3	22.21	--

Fit Error[%]: 3.446

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	96.0	0.4	u	102.5
2	0.00890	78.9	0.2	u	79.9
3	0.01200	61.6	0.1	u	61.5
4	0.01570	50.4	0.1	u	49.9
5	0.02000	42.8	0.1	u	41.7
6	0.02610	36.2	0.1	u	34.8
7	0.03340	31.0	0.1	u	30.0
8	0.04210	27.5	0.1	u	26.4
9	0.05410	23.9	0.1	u	23.3
10	0.06820	21.4	0.1	u	20.9
11	0.08380	19.4	0.1	u	19.3
12	0.10460	17.8	0.1	u	17.8
13	0.13560	16.1	0.1	u	16.4
14	0.17230	15.1	0.2	u	15.3
15	0.21490	14.2	0.2	u	14.5
16	0.27500	13.6	0.1	u	13.8
17	0.34900	13.2	0.2	u	13.3
18	0.43600	12.9	0.1	u	12.9
19	0.55500	12.9	0.2	u	12.7
20	0.70100	13.0	0.4	u	12.8

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	17.4	0.5	u	17.9
2	0.12100	16.4	0.5	u	16.8
3	0.15100	15.3	0.5	u	15.7
4	0.18800	14.4	0.5	u	14.7
5	0.23100	13.7	0.5	u	13.9
6	0.29100	13.0	0.5	u	13.1
7	0.36500	12.5	0.7	u	12.5
8	0.45200	12.0	0.8	u	11.9
9	0.57000	11.6	0.8	u	11.5
10	0.71200	11.5	1.0	u	11.1
11	0.87100	11.1	2.0	u	11.0
12	1.08000	10.9	4.4	u	10.9
13	1.39000	10.8	6.8	u	10.9
14	1.75000	11.3	11.3	u	11.1
15	2.18000	11.2	14.1	u	11.4
16	2.78000	10.7	13.9	d	-
17	3.52000	12.6	48.7	d	-
18	4.39000	14.5	70.1	d	-
19	5.56000	14.4	100.0	d	-
20	7.04000	23.8	100.0	d	-

Sounding: EG217 Survey: Everglades National Park Date: 13-MAR-96
Location: N 25d 22m 09s W 80d 41m 14s UTM Coord: E[km] 531.52 N[km] 2805.65
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	147.60	6.00
2	70.54	23.60
3	20.08	74.50
4	8.72	--

Fit Error[%]: 2.850

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	136.0	0.2	u	134.9
2	0.00890	124.2	0.2	u	121.9
3	0.01200	106.2	0.2	u	108.3
4	0.01570	93.9	0.3	u	96.8
5	0.02000	85.7	0.2	u	86.5
6	0.02610	76.8	0.1	u	76.2
7	0.03340	69.1	0.1	u	67.9
8	0.04210	63.0	0.2	u	61.1
9	0.05410	56.2	0.1	u	54.9
10	0.06820	50.9	0.1	u	50.1
11	0.08380	46.3	0.1	u	46.4
12	0.10460	42.9	0.2	u	43.3
13	0.13560	39.6	0.2	u	40.4
14	0.17230	38.0	0.3	u	38.3
15	0.21490	36.9	0.4	u	36.9
16	0.27500	36.0	0.3	u	35.6
17	0.34900	35.3	0.6	u	34.6
18	0.43600	34.3	0.7	u	33.7
19	0.55500	32.3	0.5	u	32.8
20	0.70100	30.9	1.1	u	32.1

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	41.9	0.3	u	43.5
2	0.12100	40.0	0.2	u	41.0
3	0.15100	38.0	0.3	u	38.7
4	0.18800	36.4	0.4	u	36.8
5	0.23100	35.5	0.6	u	35.2
6	0.29100	34.1	0.8	u	33.5
7	0.36500	32.5	1.0	u	31.7
8	0.45200	30.3	0.9	u	30.0
9	0.57000	28.0	2.8	u	28.0
10	0.71200	25.8	2.5	u	26.1
11	0.87100	24.4	3.9	u	24.4
12	1.08000	22.6	8.2	u	22.8
13	1.39000	21.5	10.6	u	21.1
14	1.75000	21.8	24.4	d	-
15	2.18000	19.3	31.7	d	-
16	2.78000	20.7	31.4	d	-
17	3.52000	28.7	64.6	d	-
18	4.39000	33.0	100.0	d	-
19	5.56000	27.1	99.9	d	-
20	7.04000	30.8	100.0	d	-

Sounding: EG218 Survey: Everglades National Park Date: 13-MAR-96
Location: N 25d 23m 25s W 80d 39m 25s UTM Coord: E[km] 534.53 N[km] 2808.04
Comment: .

TX loop size: X[m] 38.1 Y[m] 38.1 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	180.20	12.90
2	38.59	46.50
3	17.38	--

Fit Error[%]: 3.518

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	123.2	0.2	u	133.9
2	0.00890	110.5	0.1	u	114.3
3	0.01200	94.5	0.2	u	97.8
4	0.01570	82.9	0.2	u	87.0
5	0.02000	76.0	0.2	u	79.2
6	0.02610	69.1	0.1	u	72.8
7	0.03340	8391.0	100.0	d	-
8	0.04210	61.0	0.4	u	64.5
9	0.05410	58.5	0.3	u	61.0
10	0.06820	55.9	0.2	u	57.8
11	0.08380	51.5	1.4	u	54.8
12	0.10460	48.7	0.9	u	51.6
13	0.13560	46.2	0.2	u	47.9
14	0.17230	43.5	0.3	u	44.7
15	0.21490	41.8	0.9	u	42.1
16	0.27500	37.5	0.9	u	39.6
17	0.34900	2485.0	100.0	d	-
18	0.43600	34.0	1.1	u	36.2
19	0.55500	32.5	1.5	u	35.2
20	0.70100	32.2	4.1	u	34.8

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	48.8	0.2	u	51.8
2	0.12100	47.0	0.3	u	48.9
3	0.15100	46.6	0.7	u	45.7
4	0.18800	42.4	1.0	u	42.5
5	0.23100	41.1	1.2	u	39.9
6	0.29100	36.9	0.9	u	37.1
7	0.36500	2535.0	77.6	d	-
8	0.45200	33.3	1.8	u	32.7
9	0.57000	30.2	2.5	u	30.8
10	0.71200	29.9	3.1	u	29.2
11	0.87100	27.4	4.2	u	28.0
12	1.08000	26.5	6.5	u	26.8
13	1.39000	26.6	11.3	u	25.7
14	1.75000	31.6	39.5	d	-
15	2.18000	25.7	41.5	d	-
16	2.78000	19.5	24.8	d	-
17	3.52000	176.2	100.0	d	-
18	4.39000	18.6	62.4	d	-
19	5.56000	98.3	100.0	d	-
20	7.04000	15.2	100.0	d	-

Sounding: EG219 Survey: Everglades National Park Date: 14-MAR-96
Location: N 25d 19m 54s W 80d 38m 56s UTM Coord: E[km] 535.34 N[km] 2801.54
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	82.58	20.50
2	21.71	76.80
3	5.08	--

Fit Error[%]: 2.626

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	116.8	0.5	u	120.3
2	0.00890	107.3	0.3	u	104.3
3	0.01200	91.0	0.2	u	88.9
4	0.01570	77.6	0.1	u	77.3
5	0.02000	68.4	0.1	u	68.5
6	0.02610	59.6	0.1	u	60.4
7	0.03340	72.2	1.2	d	-
8	0.04210	49.0	0.2	u	49.5
9	0.05410	44.8	0.2	u	45.2
10	0.06820	42.4	0.2	u	42.1
11	0.08380	40.0	0.2	u	39.8
12	0.10460	38.7	0.2	u	37.9
13	0.13560	37.1	0.2	u	36.5
14	0.17230	36.3	0.3	u	35.7
15	0.21490	35.6	0.3	u	35.2
16	0.27500	34.8	0.4	u	34.7
17	0.34900	42.9	0.8	d	-
18	0.43600	33.1	0.4	u	33.3
19	0.55500	32.1	0.5	u	32.1
20	0.70100	30.6	1.3	u	30.9

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	36.2	0.3	u	38.0
2	0.12100	35.8	0.2	u	36.6
3	0.15100	35.1	0.4	u	35.4
4	0.18800	34.1	0.3	u	34.5
5	0.23100	33.7	0.7	u	33.6
6	0.29100	32.5	0.5	u	32.5
7	0.36500	38.4	1.6	d	-
8	0.45200	29.3	1.7	u	28.9
9	0.57000	26.9	2.4	u	26.5
10	0.71200	24.8	2.2	u	24.1
11	0.87100	21.8	1.9	u	22.1
12	1.08000	19.4	4.3	u	20.0
13	1.39000	17.7	7.3	u	17.9
14	1.75000	16.4	11.0	u	16.2
15	2.18000	14.9	13.8	m	14.9
16	2.78000	15.2	12.1	m	13.7
17	3.52000	17.2	30.8	d	-
18	4.39000	13.9	32.2	d	-
19	5.56000	15.7	50.8	d	-
20	7.04000	45.4	100.0	d	-

Sounding: EG220 Survey: Everglades National Park Date: 14-MAR-96
Location: N 25d 21m 41s W 80d 37m 48s UTM Coord: E[km] 537.22 N[km] 2804.85
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	76.28	23.90
2	19.22	49.50
3	8.25	--

Fit Error[%]: 1.903

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	117.1	0.5	u	118.5
2	0.00890	108.4	0.1	u	105.9
3	0.01200	92.8	0.2	u	92.4
4	0.01570	80.3	0.1	u	81.4
5	0.02000	71.3	0.1	u	72.1
6	0.02610	62.5	0.1	u	63.3
7	0.03340	67.1	3.1	d	-
8	0.04210	51.7	0.1	u	51.3
9	0.05410	47.2	0.1	u	46.7
10	0.06820	44.4	0.1	u	43.2
11	0.08380	41.5	0.2	u	40.8
12	0.10460	39.3	0.1	u	38.5
13	0.13560	36.5	0.1	u	36.3
14	0.17230	34.4	0.2	u	34.3
15	0.21490	32.4	0.1	u	32.5
16	0.27500	30.4	0.1	u	30.5
17	0.34900	32.2	1.5	d	-
18	0.43600	27.2	0.3	u	27.3
19	0.55500	26.1	0.4	u	26.1
20	0.70100	25.0	1.7	u	25.2

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	37.3	0.1	u	38.6
2	0.12100	36.1	0.1	u	36.7
3	0.15100	34.3	0.2	u	34.6
4	0.18800	32.2	0.3	u	32.5
5	0.23100	30.5	0.3	u	30.5
6	0.29100	28.2	0.5	u	28.3
7	0.36500	28.1	0.8	d	-
8	0.45200	24.3	0.7	u	24.1
9	0.57000	22.4	1.0	u	22.2
10	0.71200	21.0	3.0	u	20.5
11	0.87100	19.2	3.5	u	19.2
12	1.08000	17.7	3.0	u	17.9
13	1.39000	16.5	5.1	u	16.6
14	1.75000	15.8	11.3	u	15.7
15	2.18000	14.8	16.7	u	14.9
16	2.78000	14.1	10.2	u	14.2
17	3.52000	16.4	29.5	d	-
18	4.39000	12.3	39.5	d	-
19	5.56000	19.4	100.0	d	-
20	7.04000	17.4	100.0	d	-

Sounding: EG221 Survey: Everglades National Park Date: 14-MAR-96
Location: N 25d 21m 31s W 80d 33m 55s UTM Coord: E[km] 543.73 N[km] 2804.55
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	74.73	37.20
2	23.90	60.40
3	10.04	--

Fit Error[%]: 3.725

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	117.6	0.8	u	111.9
2	0.00890	108.5	0.6	u	104.7
3	0.01200	96.7	0.4	u	98.7
4	0.01570	89.7	0.4	u	93.7
5	0.02000	86.0	0.4	u	88.6
6	0.02610	80.3	0.4	u	82.5
7	0.03340	84.0	1.3	d	-
8	0.04210	71.5	0.5	u	70.6
9	0.05410	65.3	0.6	u	64.7
10	0.06820	61.1	0.5	u	59.9
11	0.08380	58.1	0.5	u	56.3
12	0.10460	54.5	0.6	u	53.0
13	0.13560	50.7	0.7	u	50.0
14	0.17230	48.2	0.6	u	47.5
15	0.21490	45.6	0.9	u	45.5
16	0.27500	41.9	0.5	u	43.1
17	0.34900	46.7	0.7	d	-
18	0.43600	38.8	1.5	u	39.2
19	0.55500	37.5	0.8	u	37.4
20	0.70100	37.0	1.8	u	36.0

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	52.1	1.2	u	53.1
2	0.12100	49.3	0.9	u	50.6
3	0.15100	48.3	0.7	u	47.9
4	0.18800	43.8	1.1	u	45.3
5	0.23100	43.4	1.7	u	42.9
6	0.29100	39.1	2.1	u	40.0
7	0.36500	40.2	4.0	d	-
8	0.45200	35.0	2.6	u	34.5
9	0.57000	30.9	2.7	u	31.7
10	0.71200	30.4	2.7	u	29.1
11	0.87100	26.8	7.0	u	27.1
12	1.08000	25.0	8.7	u	25.1
13	1.39000	23.1	12.8	u	23.1
14	1.75000	20.5	28.2	m	21.5
15	2.18000	21.0	26.9	m	20.3
16	2.78000	18.6	25.6	m	19.2
17	3.52000	21.0	45.3	d	-
18	4.39000	20.1	74.8	d	-
19	5.56000	22.6	100.0	d	-
20	7.04000	111.1	100.0	d	-

Sounding: EG222 Survey: Everglades National Park Date: 14-MAR-96
Location: N 25d 21m 35s W 80d 31m 36s UTM Coord: E[km] 547.64 N[km] 2804.71
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	83.23	31.60
2	37.25	47.40
3	12.16	--

Fit Error[%]: 10.686

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	125.7	0.2	u	123.8
2	0.00890	117.8	0.2	u	114.7
3	0.01200	104.1	0.4	u	105.9
4	0.01570	94.9	0.5	u	98.6
5	0.02000	89.3	0.3	u	92.0
6	0.02610	83.9	0.3	u	85.4
7	0.03340	84.4	0.5	m	80.0
8	0.04210	78.9	0.3	u	75.8
9	0.05410	73.9	0.2	u	72.1
10	0.06820	76.9	0.3	u	69.1
11	0.08380	69.8	0.3	u	66.6
12	0.10460	62.4	0.5	u	63.5
13	0.13560	59.7	0.4	u	59.4
14	0.17230	55.7	0.3	u	55.3
15	0.21490	47.5	0.9	u	51.4
16	0.27500	42.4	0.5	u	47.3
17	0.34900	45.7	1.1	m	43.8
18	0.43600	41.1	1.2	u	41.1
19	0.55500	42.1	1.9	u	38.8
20	0.70100	41.9	4.4	u	37.2

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	59.2	0.7	u	63.4
2	0.12100	56.1	0.7	u	60.2
3	0.15100	59.2	0.6	u	56.2
4	0.18800	47.9	1.1	u	51.9
5	0.23100	48.6	2.2	u	47.8
6	0.29100	40.0	2.0	u	43.4
7	0.36500	40.6	4.3	m	39.5
8	0.45200	39.3	3.6	u	36.1
9	0.57000	32.3	4.3	u	32.9
10	0.71200	35.0	7.5	u	30.2
11	0.87100	27.8	7.9	u	28.2
12	1.08000	29.0	10.8	u	26.2
13	1.39000	22.9	8.8	u	24.3
14	1.75000	22.5	17.8	u	22.9
15	2.18000	18.4	27.8	u	21.7
16	2.78000	20.4	31.0	u	20.7
17	3.52000	20.3	36.3	u	20.0
18	4.39000	13.3	66.2	d	-
19	5.56000	12.0	58.7	d	-
20	7.04000	45.4	100.0	d	-

Sounding: EG223 Survey: Everglades National Park Date: 14-MAR-96
Location: N 25d 18m 31s W 80d 29m 35s UTM Coord: E[km] 551.04 N[km] 2799.05
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	77.63	11.10
2	2.85	11.00
3	14.94	69.10
4	4.81	--

Fit Error[%]: 2.397

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	81.8	0.3	u	83.4
2	0.00890	62.6	0.1	u	62.3
3	0.01200	45.9	0.2	u	45.3
4	0.01570	34.6	0.1	u	34.4
5	0.02000	26.8	0.1	u	26.8
6	0.02610	20.7	0.1	u	20.6
7	0.03340	18.9	2.3	m	16.5
8	0.04210	13.7	0.1	u	13.7
9	0.05410	11.5	0.1	u	11.4
10	0.06820	10.0	0.1	u	10.0
11	0.08380	9.1	0.1	u	9.0
12	0.10460	8.4	0.1	u	8.3
13	0.13560	7.9	0.1	u	7.8
14	0.17230	7.7	0.1	u	7.6
15	0.21490	7.6	0.3	u	7.5
16	0.27500	7.7	0.1	u	7.6
17	0.34900	8.3	0.1	m	7.9
18	0.43600	8.4	0.1	u	8.4
19	0.55500	8.9	0.2	u	9.0
20	0.70100	9.6	0.6	u	9.8

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	8.1	0.0	u	8.4
2	0.12100	7.8	0.0	u	8.0
3	0.15100	7.5	0.1	u	7.6
4	0.18800	7.4	0.1	u	7.5
5	0.23100	7.4	0.1	u	7.4
6	0.29100	7.5	0.1	u	7.5
7	0.36500	8.1	0.4	u	7.7
8	0.45200	8.0	0.2	u	8.0
9	0.57000	8.4	0.4	u	8.3
10	0.71200	8.8	0.7	u	8.7
11	0.87100	9.0	0.8	u	8.9
12	1.08000	8.9	1.4	u	9.1
13	1.39000	9.0	2.0	u	9.2
14	1.75000	9.4	4.9	u	9.2
15	2.18000	9.2	8.4	u	9.0
16	2.78000	8.8	8.3	u	8.8
17	3.52000	9.8	12.4	m	8.6
18	4.39000	8.2	17.3	d	-
19	5.56000	9.2	42.1	d	-
20	7.04000	6.2	26.7	d	-

Sounding: EG224 Survey: Everglades National Park Date: 14-MAR-96
Location: N 25d 19m 48s W 80d 29m 32s UTM Coord: E[km] 551.11 N[km] 2801.44
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	92.14	10.10
2	5.21	12.40
3	76.21	--

Fit Error[%]: 3.061

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	73.5	0.3	u	73.2
2	0.00890	56.5	0.1	u	55.5
3	0.01200	41.1	0.1	u	41.0
4	0.01570	31.3	0.1	u	31.8
5	0.02000	25.2	0.1	u	25.6
6	0.02610	20.6	0.1	u	20.7
7	0.03340	19.3	0.6	m	17.6
8	0.04210	15.7	0.0	u	15.5
9	0.05410	14.2	0.2	u	14.1
10	0.06820	13.5	0.1	u	13.2
11	0.08380	13.0	0.1	u	12.8
12	0.10460	13.0	0.1	u	12.7
13	0.13560	13.1	0.1	u	13.0
14	0.17230	13.7	0.3	u	13.6
15	0.21490	14.5	0.5	u	14.4
16	0.27500	15.6	0.1	u	15.6
17	0.34900	17.8	0.3	u	17.2
18	0.43600	18.7	0.3	u	19.0
19	0.55500	21.0	0.9	u	21.7
20	0.70100	23.8	1.6	u	24.5

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	12.1	0.0	u	12.7
2	0.12100	12.4	0.1	u	12.8
3	0.15100	12.9	0.1	u	13.2
4	0.18800	13.6	0.1	u	13.8
5	0.23100	14.5	0.2	u	14.6
6	0.29100	15.7	0.3	u	15.7
7	0.36500	17.8	0.6	u	17.2
8	0.45200	18.8	0.9	u	18.7
9	0.57000	21.0	1.1	u	20.9
10	0.71200	23.7	2.9	u	22.9
11	0.87100	25.4	4.2	u	25.3
12	1.08000	27.3	3.6	u	27.6
13	1.39000	33.4	17.0	d	-
14	1.75000	39.5	38.3	d	-
15	2.18000	35.6	41.7	d	-
16	2.78000	100.7	100.0	d	-
17	3.52000	44.5	100.0	d	-
18	4.39000	26.2	100.0	d	-
19	5.56000	35.1	100.0	d	-
20	7.04000	9.9	41.1	d	-

Sounding: EG225 Survey: Everglades National Park Date: 15-MAR-96
Location: N 25d 25m 58s W 80d 44m 52s UTM Coord: E[km] 525.35 N[km] 2812.74
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	363.10	9.30
2	15.92	55.40
3	10.74	--

Fit Error[%]: 2.680

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	83.2	0.5	u	86.2
2	0.00890	70.4	0.4	u	70.0
3	0.01200	57.2	0.3	u	56.8
4	0.01570	48.1	0.3	u	48.3
5	0.02000	42.5	0.3	u	42.3
6	0.02610	37.4	0.3	u	37.2
7	0.03340	34.3	0.2	u	33.5
8	0.04210	31.3	0.3	u	30.8
9	0.05410	28.8	0.3	u	28.4
10	0.06820	27.2	0.3	u	26.6
11	0.08380	25.7	0.4	u	25.4
12	0.10460	24.6	0.4	u	24.3
13	0.13560	23.3	0.3	u	23.2
14	0.17230	22.6	0.5	u	22.4
15	0.21490	21.8	0.3	u	21.7
16	0.27500	21.1	0.4	u	21.1
17	0.34900	20.9	0.9	u	20.6
18	0.43600	20.1	0.7	u	20.2
19	0.55500	19.7	0.6	u	20.0
20	0.70100	19.8	2.6	u	20.1

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 6

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	23.1	0.4	u	24.3
2	0.12100	22.8	0.5	u	23.4
3	0.15100	22.1	0.4	u	22.5
4	0.18800	21.3	0.5	u	21.7
5	0.23100	20.8	0.6	u	20.9
6	0.29100	20.0	0.7	u	20.1
7	0.36500	19.6	1.0	u	19.2
8	0.45200	18.5	0.7	u	18.5
9	0.57000	17.9	1.9	u	17.7
10	0.71200	17.5	3.6	u	17.0
11	0.87100	16.1	6.9	u	16.4
12	1.08000	15.6	9.1	u	15.9
13	1.39000	15.4	19.0	u	15.3
14	1.75000	16.1	28.1	d	-
15	2.18000	17.1	62.4	d	-
16	2.78000	21.1	100.0	d	-
17	3.52000	352.8	100.0	d	-
18	4.39000	94.3	100.0	d	-
19	5.56000	15.2	100.0	d	-
20	7.04000	5.2	100.0	d	-

Sounding: EG226 Survey: Everglades National Park Date: 15-MAR-96
Location: N 25d 25m 58s W 80d 44m 52s UTM Coord: E[km] 525.37 N[km] 2812.74
Comment: .

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	352.10	9.20
2	15.34	49.00
3	9.74	--

Fit Error[%]: 2.641

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 2

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	80.6	0.5	u	84.5
2	0.00890	68.3	0.4	u	68.5
3	0.01200	55.8	0.3	u	55.5
4	0.01570	48.0	0.4	u	47.1
5	0.02000	42.5	0.3	u	41.2
6	0.02610	35.7	0.3	u	36.2
7	0.03340	33.4	0.4	u	32.6
8	0.04210	30.7	0.4	u	29.9
9	0.05410	27.9	0.4	u	27.6
10	0.06820	26.1	0.4	u	25.9
11	0.08380	24.8	0.4	u	24.7
12	0.10460	23.7	0.5	u	23.6
13	0.13560	22.4	0.4	u	22.5
14	0.17230	21.6	0.5	u	21.6
15	0.21490	20.9	0.4	u	20.9
16	0.27500	20.1	0.3	u	20.1
17	0.34900	19.7	0.6	u	19.5
18	0.43600	19.0	0.4	u	19.1
19	0.55500	18.5	0.4	u	18.8
20	0.70100	18.5	1.6	u	18.8

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	22.7	0.4	u	23.7
2	0.12100	22.3	0.4	u	22.8
3	0.15100	21.6	0.7	u	21.8
4	0.18800	20.8	0.7	u	20.9
5	0.23100	20.2	1.2	u	20.0
6	0.29100	19.2	1.5	u	19.1
7	0.36500	18.6	1.9	u	18.2
8	0.45200	17.5	3.2	u	17.4
9	0.57000	16.4	4.3	u	16.6
10	0.71200	15.9	9.7	u	15.8
11	0.87100	15.5	9.5	u	15.2
12	1.08000	14.4	13.3	u	14.7
13	1.39000	13.9	25.6	m	14.1
14	1.75000	12.8	49.0	d	-
15	2.18000	11.3	73.7	d	-
16	2.78000	8.5	66.4	d	-
17	3.52000	6.0	77.5	d	-
18	4.39000	4.8	100.0	d	-
19	5.56000	8.6	100.0	d	-
20	7.04000	3.3	100.0	d	-

Sounding: EG301 Survey: Everglades National Park Date: 23-NOV-96
Location: Research Road HEM Calibration UTM Coord: E[km] 534.62 N[km] 2808.14
Comment: N 25d 23m 28s W 80d 39m 21s

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	128.90	17.10
2	33.83	44.80
3	19.73	--

Fit Error[%]: 3.090

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 3

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	140.1	0.2	u	140.9
2	0.00890	123.0	0.2	u	120.1
3	0.01200	102.5	0.1	u	101.8
4	0.01570	88.4	0.3	u	89.6
5	0.02000	79.9	0.1	u	80.4
6	0.02610	71.8	0.2	u	72.7
7	0.03340	66.1	0.2	u	67.0
8	0.04210	62.9	0.1	u	62.7
9	0.05410	58.8	0.2	u	58.7
10	0.06820	56.1	0.2	u	55.4
11	0.08380	53.0	0.1	u	52.6
12	0.10460	50.6	0.2	u	49.8
13	0.13560	47.3	0.2	u	46.6
14	0.17230	45.0	0.3	u	44.0
15	0.21490	42.7	0.4	u	41.8
16	0.27500	40.3	0.3	u	39.7
17	0.34900	38.6	0.7	u	38.1
18	0.43600	36.9	1.0	u	37.0
19	0.55500	35.6	0.8	u	36.3
20	0.70100	34.6	1.2	u	36.2

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 7

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	47.8	0.2	u	50.0
2	0.12100	46.6	0.2	u	47.5
3	0.15100	44.6	0.3	u	44.7
4	0.18800	42.1	0.3	u	42.1
5	0.23100	40.2	0.8	u	39.8
6	0.29100	38.0	0.7	u	37.5
7	0.36500	35.5	1.3	u	35.4
8	0.45200	33.4	1.2	u	33.7
9	0.57000	31.9	2.9	u	32.0
10	0.71200	29.8	2.7	u	30.6
11	0.87100	28.4	3.1	u	29.5
12	1.08000	28.3	5.7	u	28.5
13	1.39000	27.0	10.1	u	27.4
14	1.75000	27.7	24.7	u	26.6
15	2.18000	27.3	25.2	u	26.1
16	2.78000	41.4	89.7	d	-
17	3.52000	82.6	100.0	d	-
18	4.39000	21.6	100.0	d	-
19	5.56000	18.8	100.0	d	-
20	7.04000	12.6	100.0	d	-

Sounding: EG302 Survey: Everglades Nationa Park Date: 10-DEC-96
Location: Flamingo HEM Calibration UTM Coord: E[km] 507.61 N[km] 2780.71
Comment: N W

TX loop size: X[m] 39.6 Y[m] 39.6 RX location: X[m] 0.0 Y[m] 0.0

Model Layer	Resistivity [ohm-m]	Thickness [m]
1	23.93	1.20
2	2.09	17.50
3	.91	--

Fit Error[%]: 3.228

System: EM-47 Freq[Hz]: 315 Data Set Code: uh
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 1

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.00680	44.5	0.5	u	45.2
2	0.00890	30.4	0.2	u	30.4
3	0.01200	20.2	0.1	u	19.9
4	0.01570	14.2	0.2	u	14.1
5	0.02000	10.5	0.1	u	10.5
6	0.02610	7.9	0.1	u	8.0
7	0.03340	6.3	0.1	u	6.4
8	0.04210	5.4	0.1	u	5.3
9	0.05410	4.6	0.2	u	4.5
10	0.06820	4.1	0.2	u	4.0
11	0.08380	3.8	0.1	u	3.7
12	0.10460	3.5	0.1	u	3.5
13	0.13560	3.3	0.1	u	3.2
14	0.17230	3.1	0.1	u	3.0
15	0.21490	2.9	0.2	u	2.8
16	0.27500	2.7	0.1	u	2.7
17	0.34900	2.5	0.2	u	2.5
18	0.43600	2.4	0.2	u	2.4
19	0.55500	2.3	0.2	u	2.3
20	0.70100	2.2	0.2	u	2.2

System: EM-47 Freq[Hz]: 30 Data Set Code: hi
TX Cur[A]: 2.0 Turn Off[usec]: 2.5
RX Moment[turns-m^2]: 31.4 Gain Setting: 5

	Time [ms]	rhoa_obs [ohm-m]	obs_err [%]	mask	rhoa_cal [ohm-m]
1	0.10000	3.3	0.1	u	3.5
2	0.12100	3.2	0.1	u	3.3
3	0.15100	3.0	0.1	u	3.1
4	0.18800	2.8	0.1	u	2.9
5	0.23100	2.7	0.1	u	2.7
6	0.29100	2.5	0.1	u	2.5
7	0.36500	2.3	0.0	u	2.3
8	0.45200	2.1	0.2	u	2.1
9	0.57000	2.0	0.2	u	2.0
10	0.71200	1.8	0.3	u	1.8
11	0.87100	1.7	0.1	u	1.7
12	1.08000	1.6	0.2	u	1.6
13	1.39000	1.5	0.2	u	1.5
14	1.75000	1.5	0.4	u	1.5
15	2.18000	1.5	0.8	u	1.4
16	2.78000	1.4	0.7	u	1.4
17	3.52000	1.4	0.9	u	1.3
18	4.39000	1.3	1.4	u	1.3
19	5.56000	1.3	3.8	u	1.3
20	7.04000	1.2	3.4	u	1.3

APPENDIX 2 DATA PLOTS

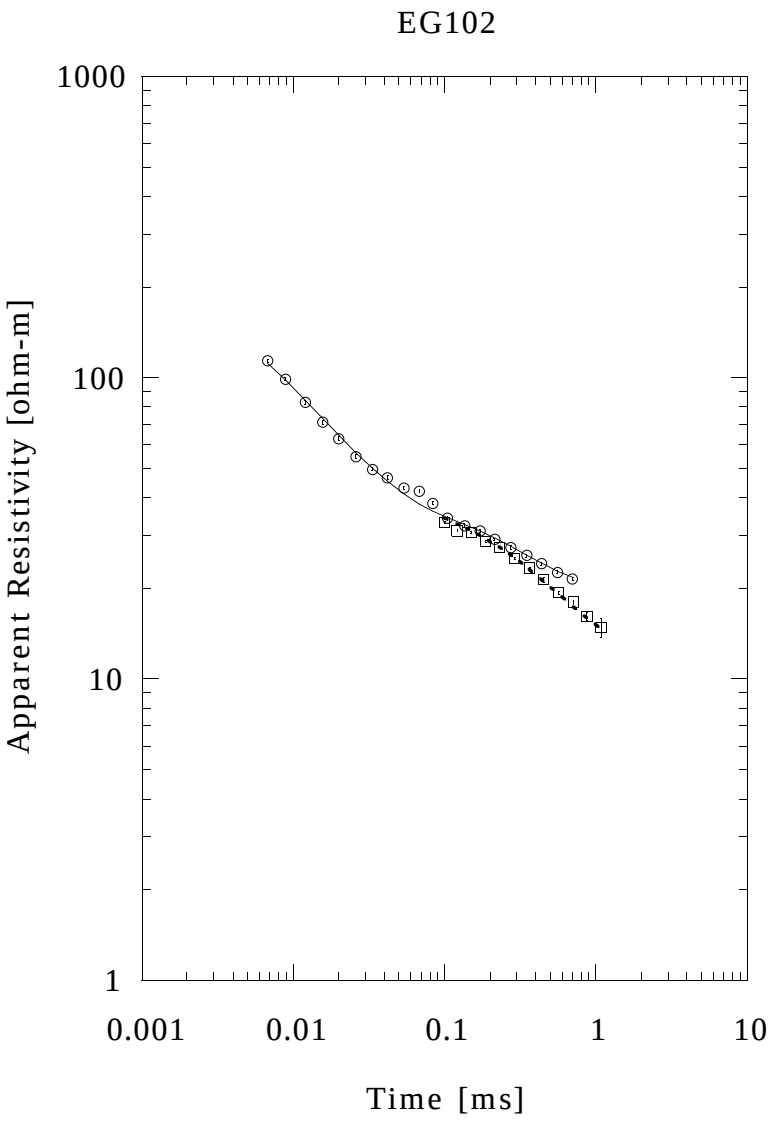
This appendix contains apparent-resistivity-time plots of the measured data, computed best-fit model response, and the interpreted resistivity-depth models.

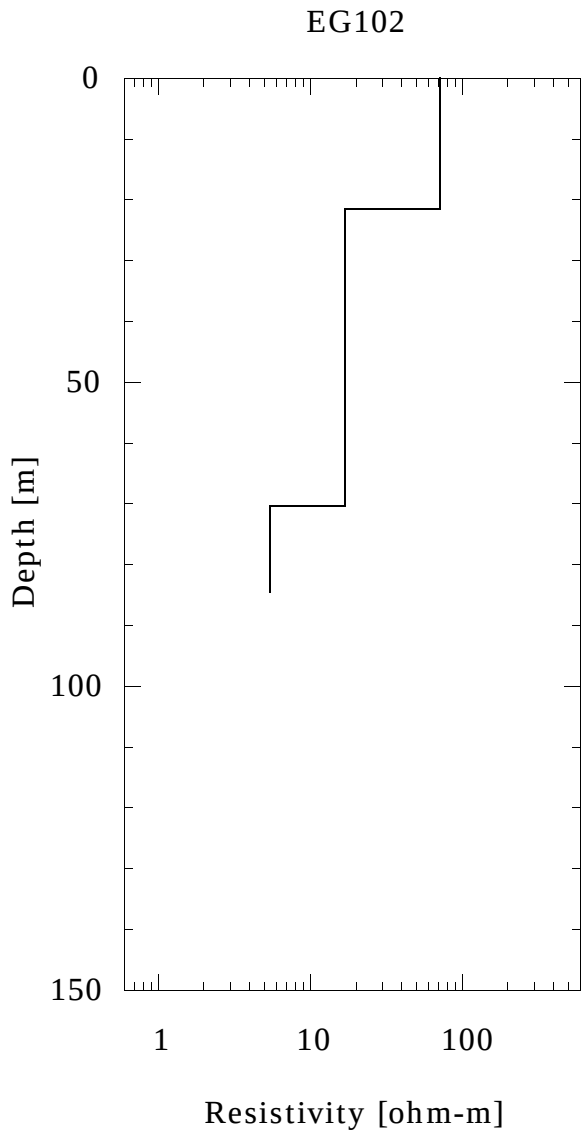
The measured apparent resistivity data (avg) are plotted as symbols, while the calculated model results (cal) are plotted as lines. Vertical lines through the data points indicate the estimated uncertainty in the measurements. The data are collected using two transmitter repetition frequencies producing two overlapping time ranges. The earlier time data are denoted as ultra high (uh), and the later time data are denoted as high (hi).

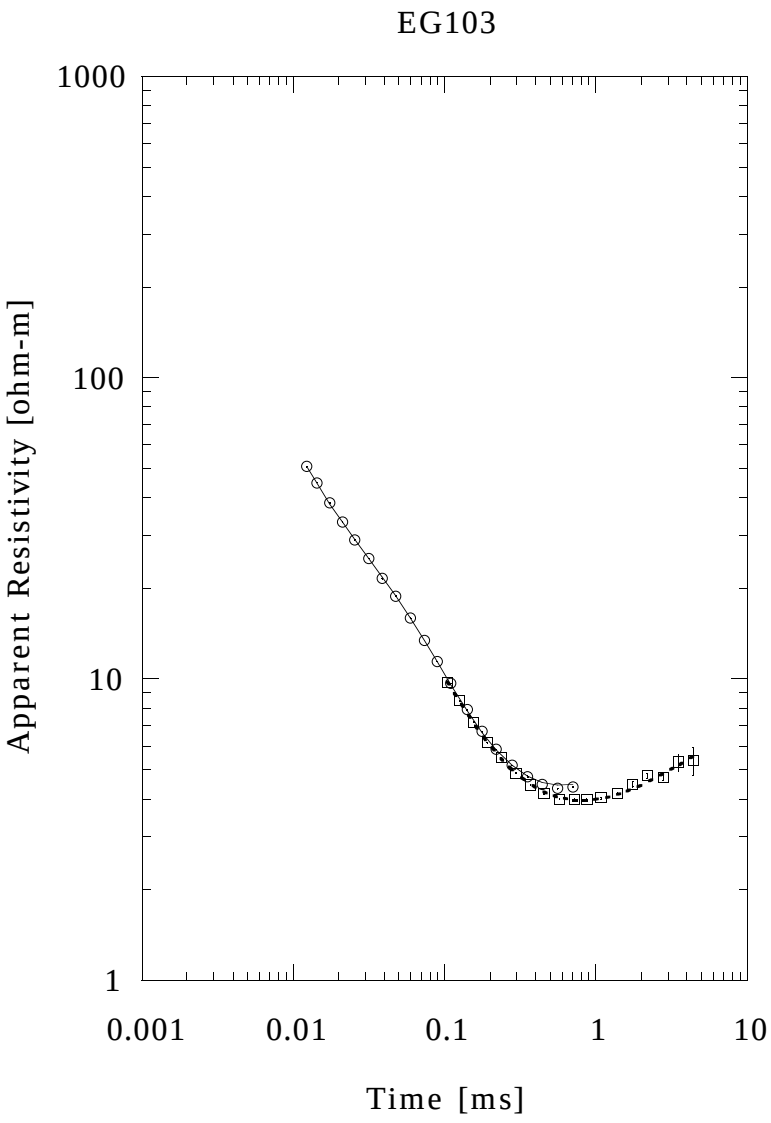
The interpreted resistivity model which best fits the observed data is plotted as a function of depth.

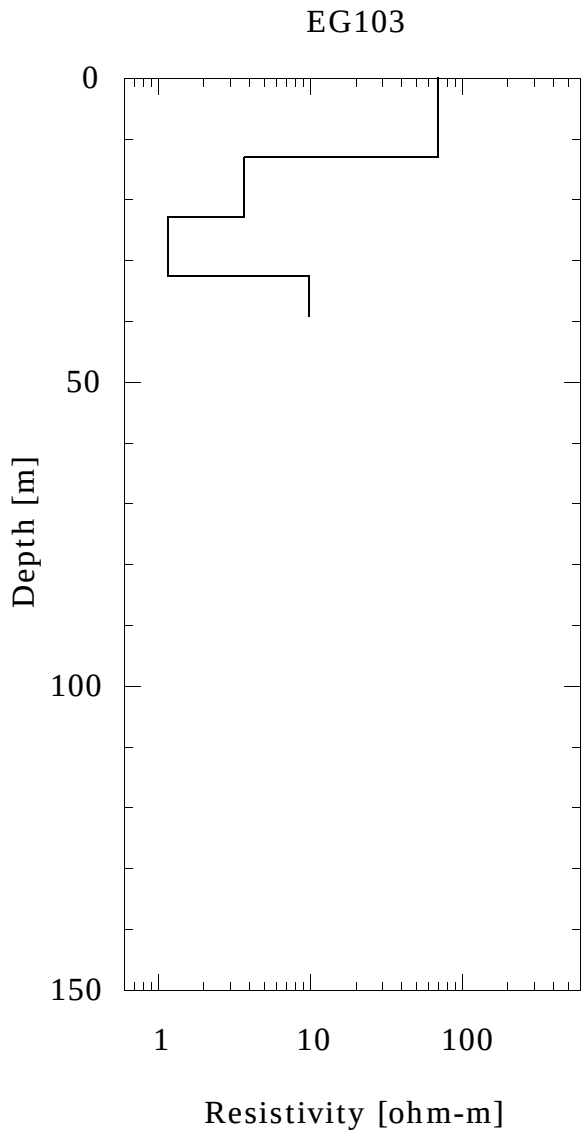
Below is a list of data plots. Click on the sounding name to display the apparent-resistivity-time and interpreted resistivity-depth plots.

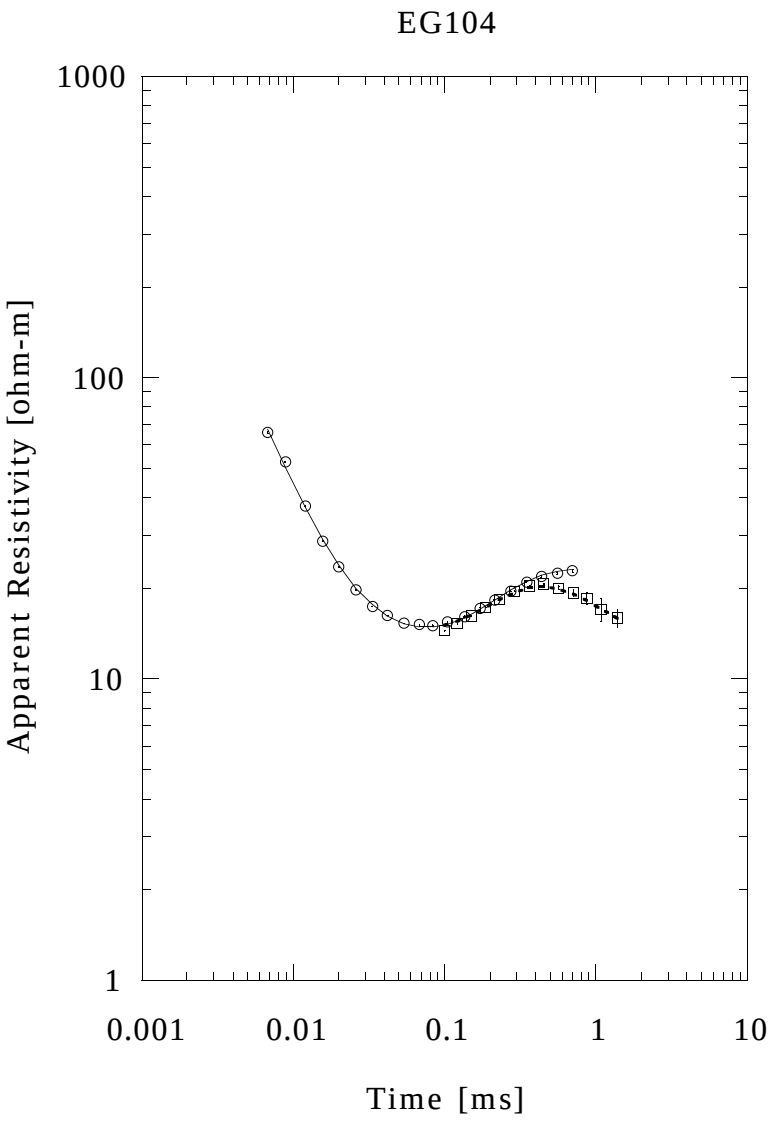
EG102	EG118	EG134	EG214
EG103	EG119	EG135	EG215
EG104	EG120	EG136	EG216
EG105	EG121	EG201	EG217
EG106	EG122	EG202	EG218
EG107	EG123	EG203	EG219
EG108	EG124	EG204	EG220
EG109	EG125	EG205	EG221
EG110	EG126	EG206	EG222
EG111	EG127	EG207	EG223
EG112	EG128	EG208	EG224
EG113	EG129	EG209	EG225
EG114	EG130	EG210	EG226
EG115	EG131	EG211	EG301
EG116	EG132	EG212	EG302
EG117	EG133	EG213	

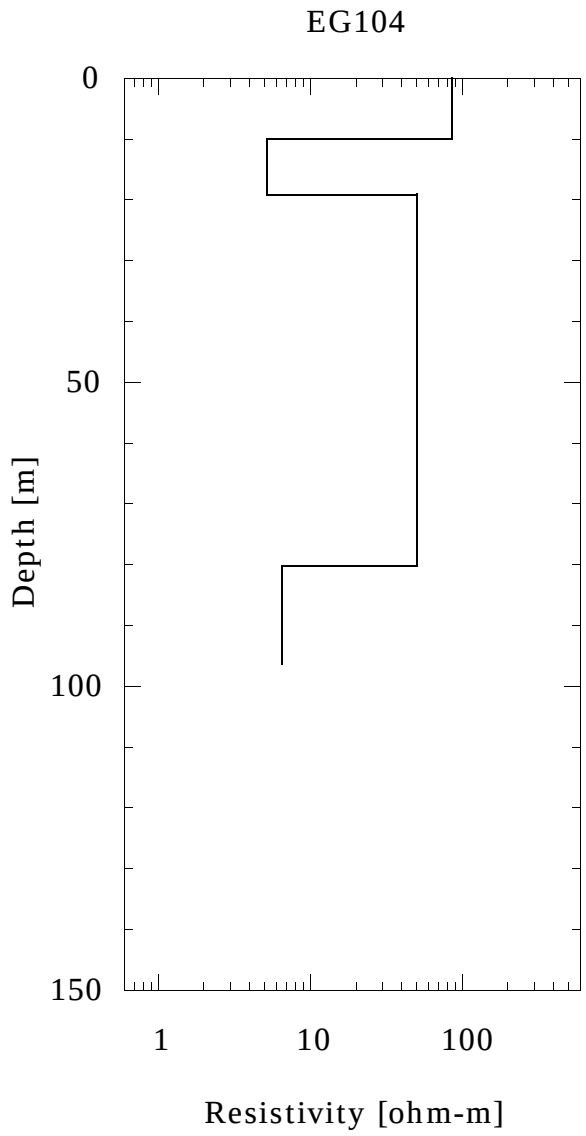

EG102
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

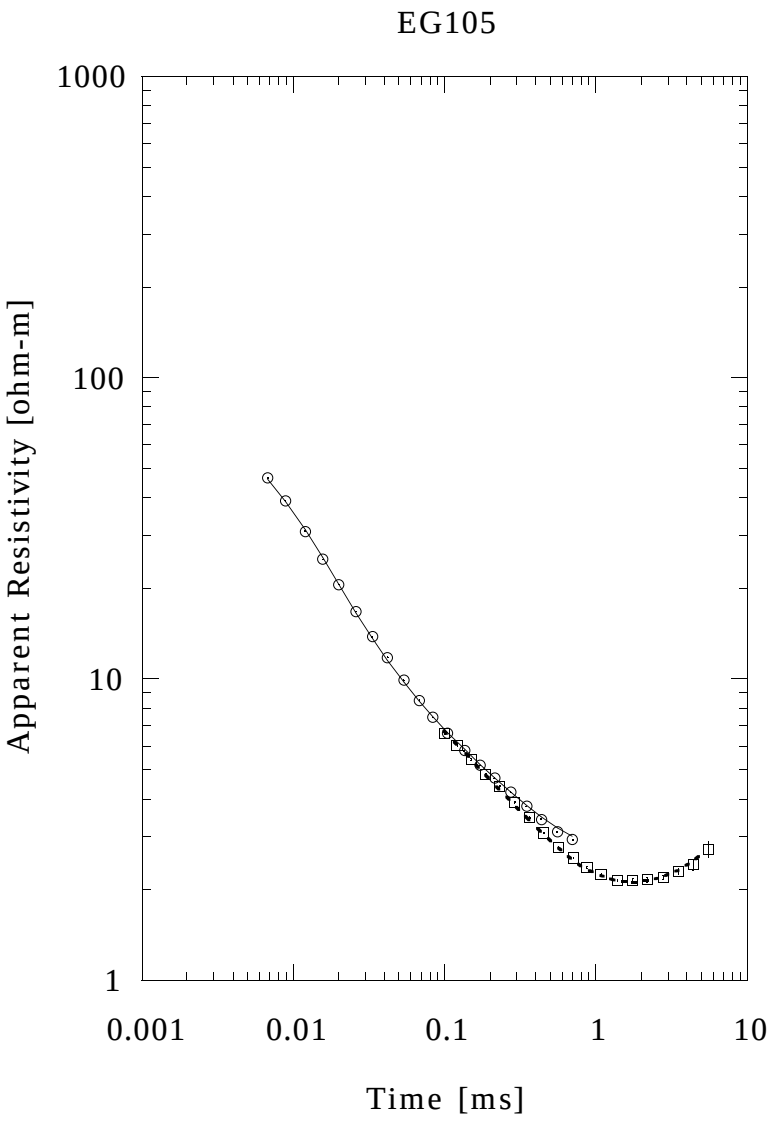

EG102
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

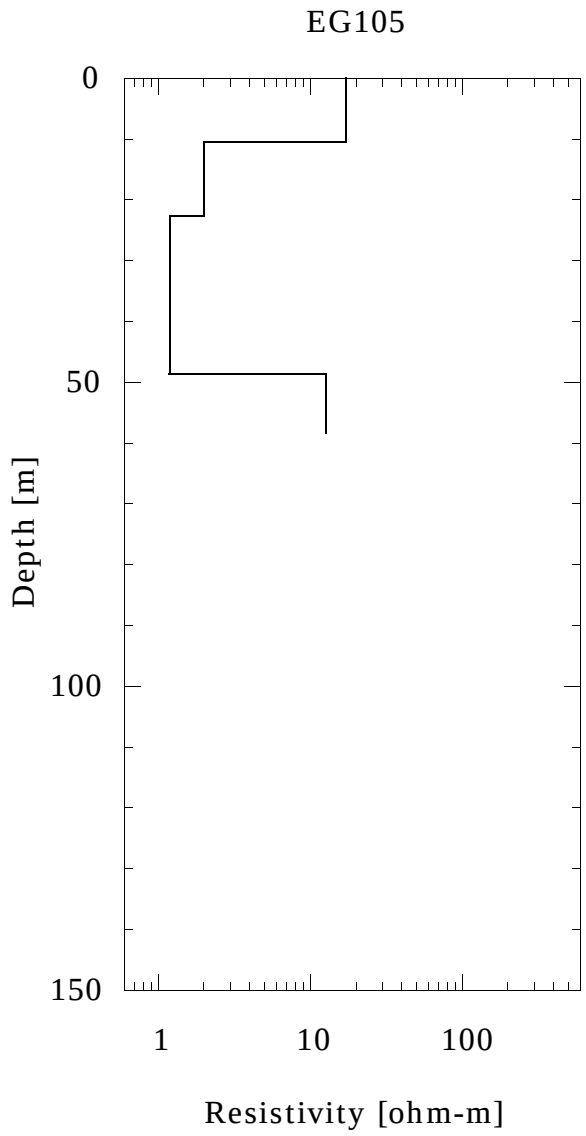

EG103
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

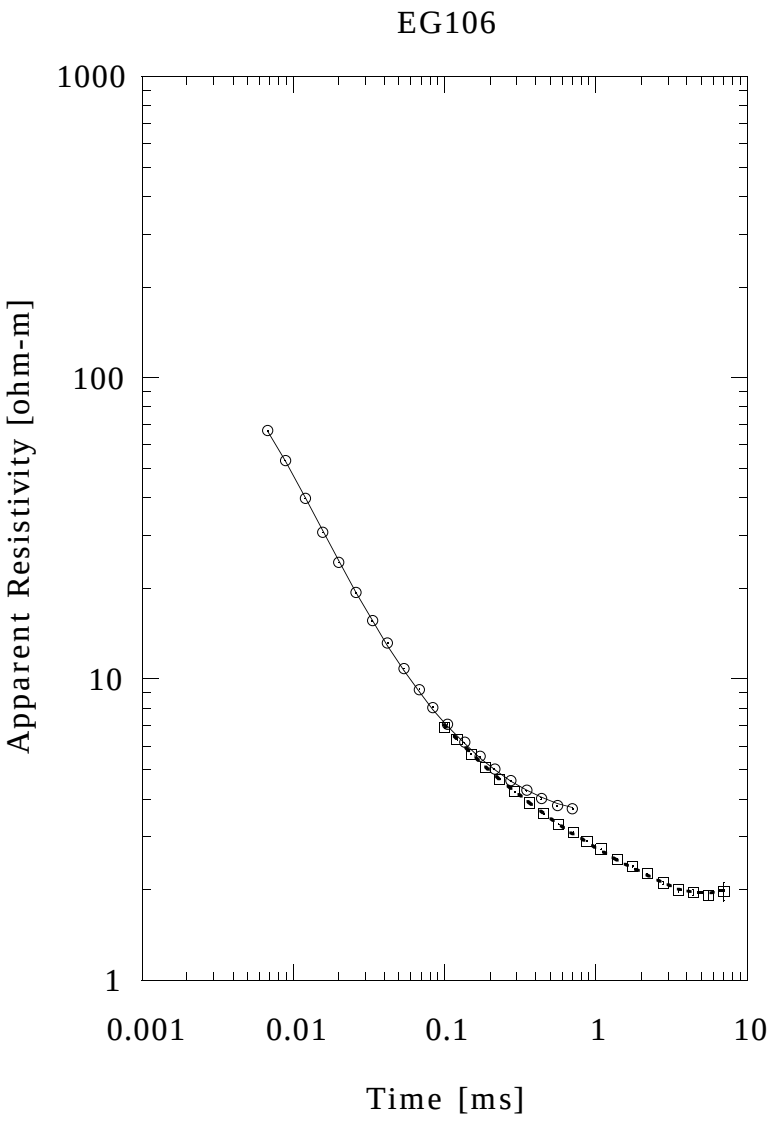

EG103
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

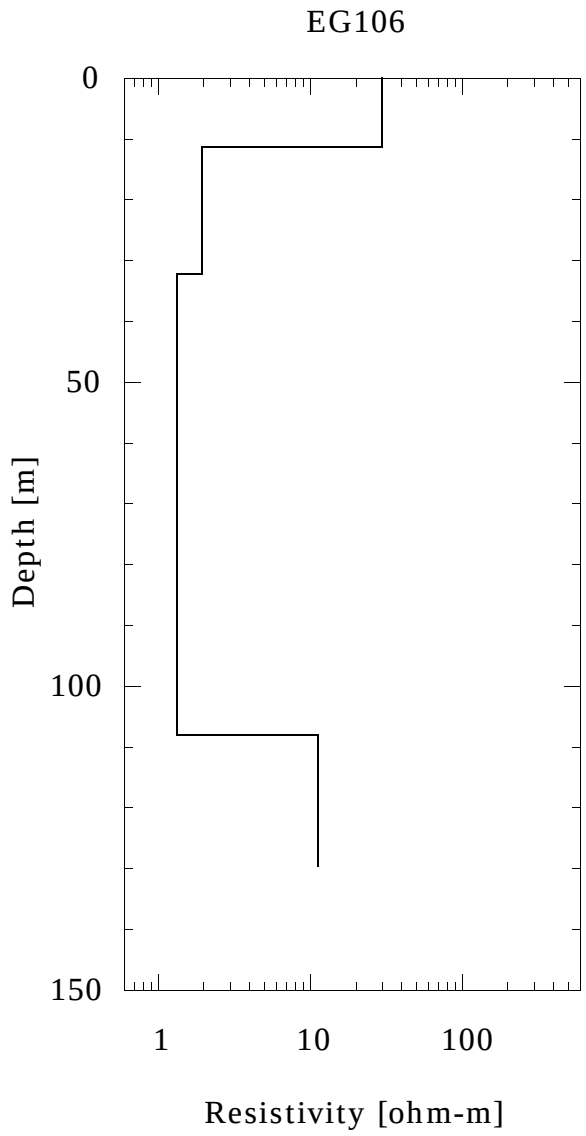

EG104
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

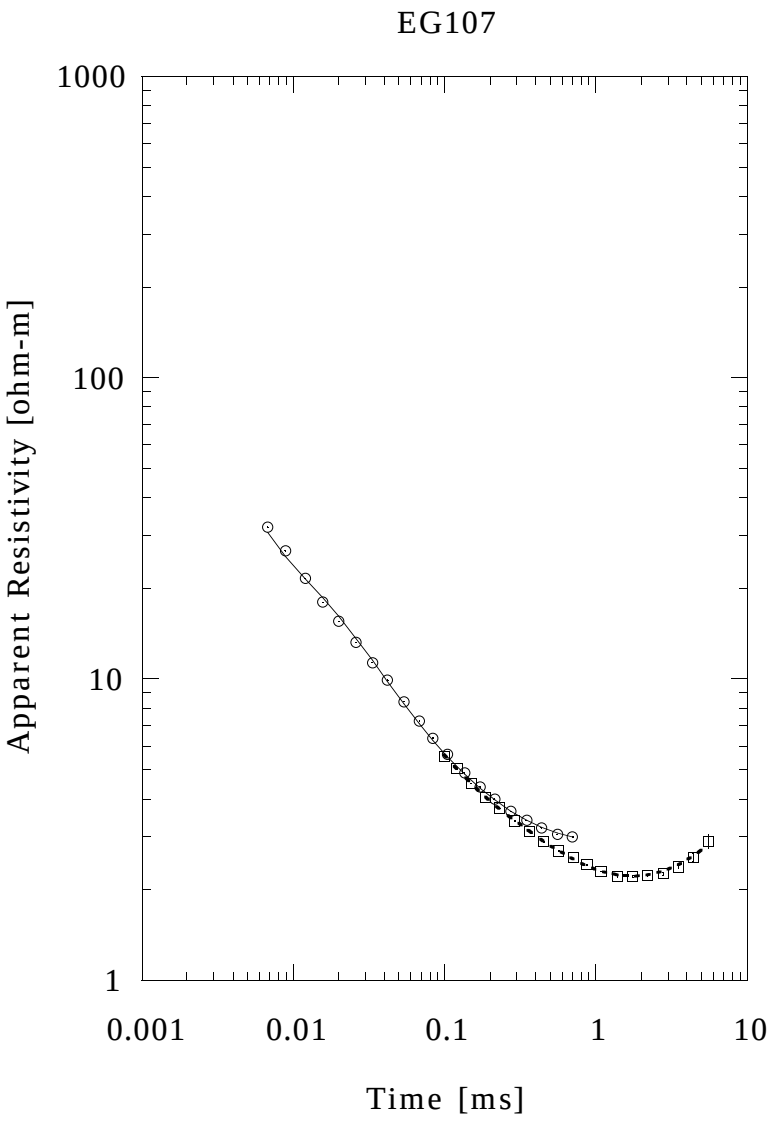

EG104
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

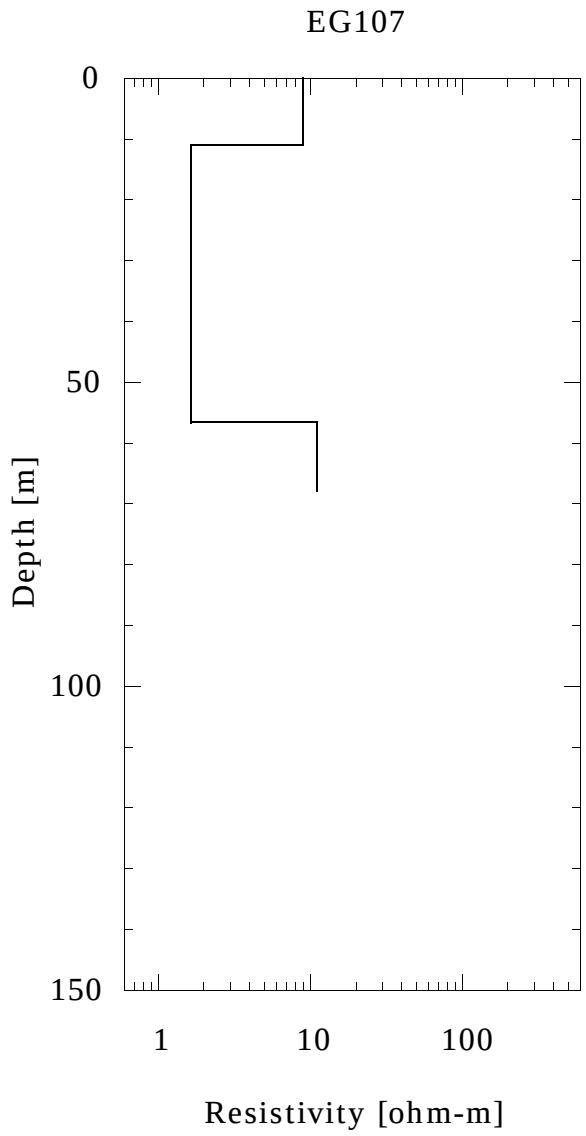

EG105
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

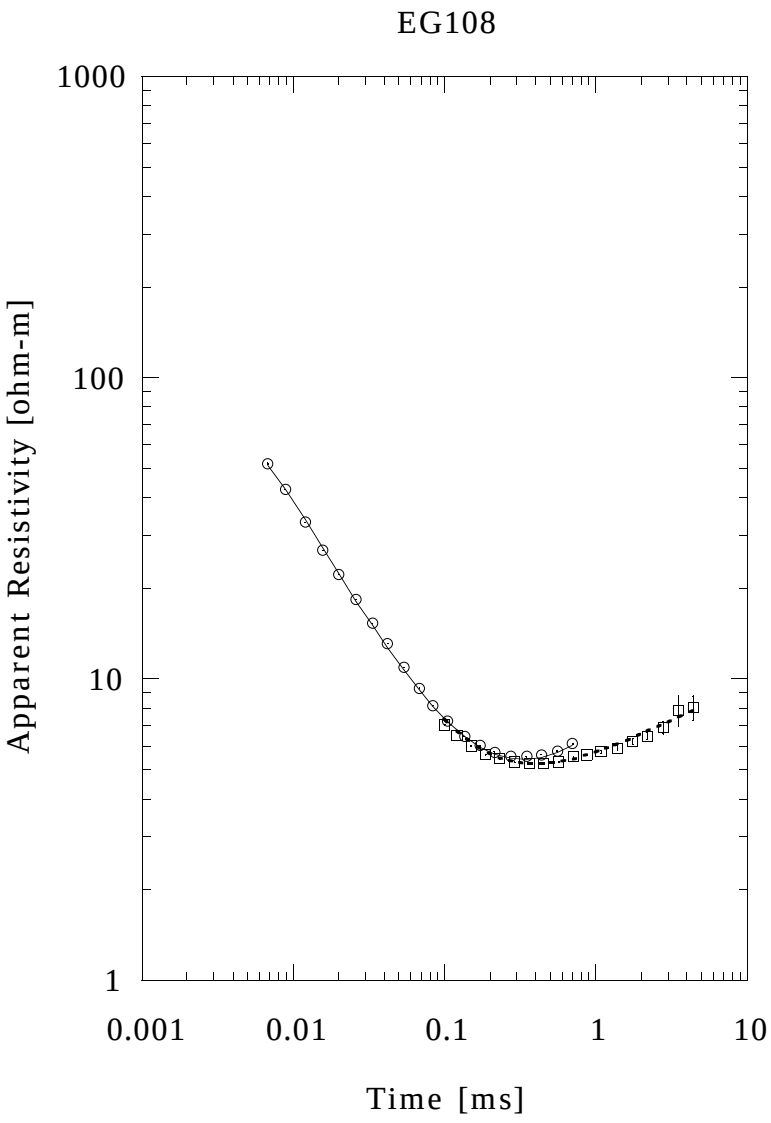

EG105
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

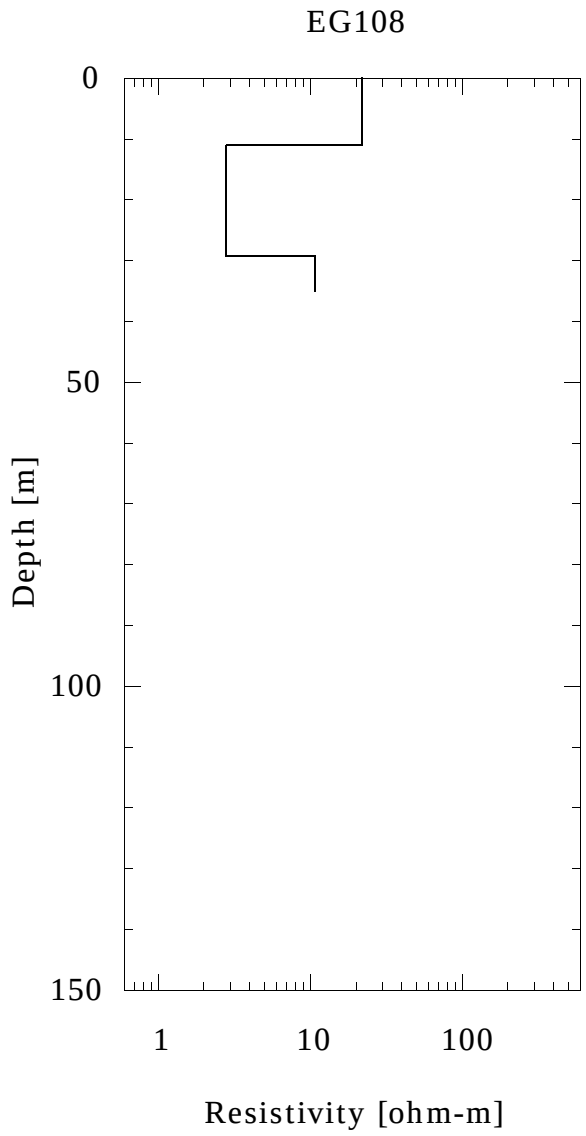

EG106
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

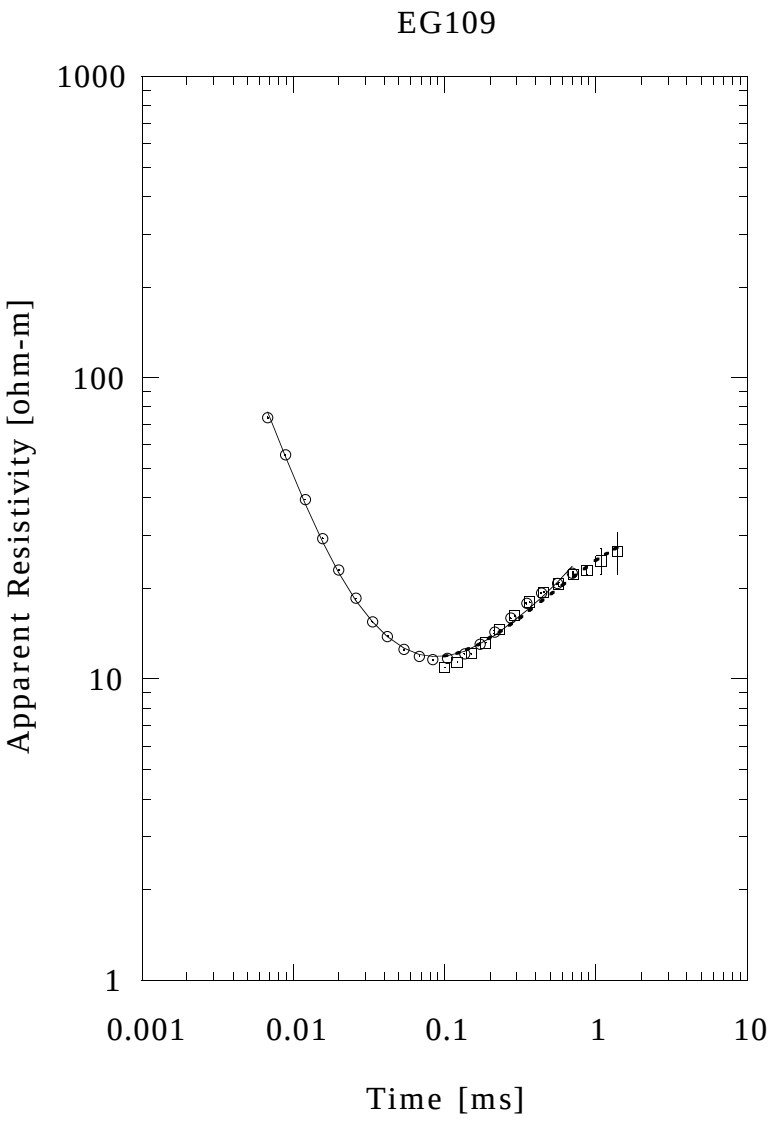

EG106
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

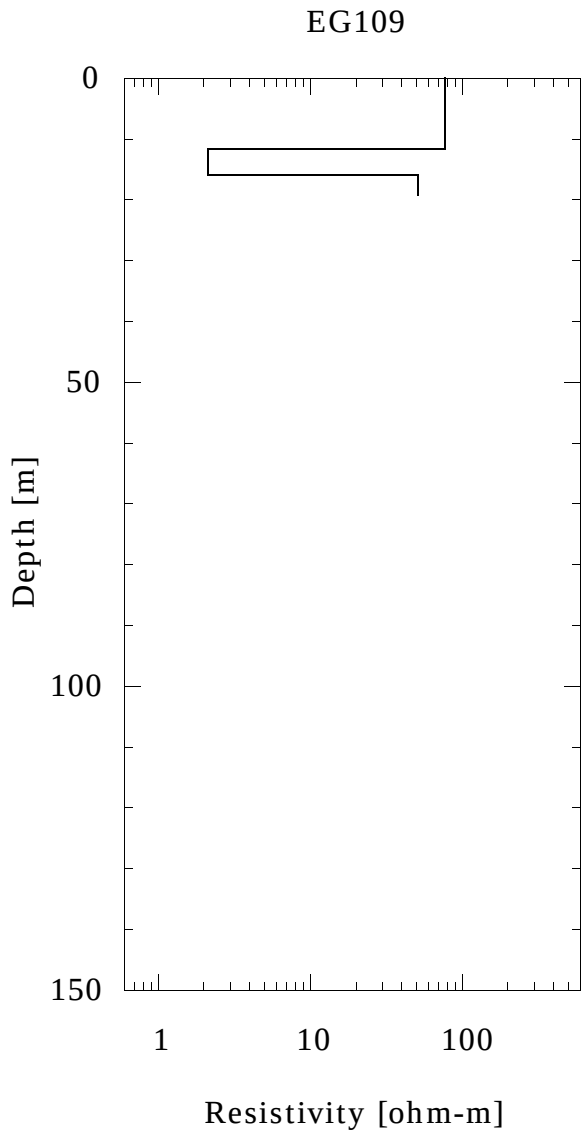

EG107
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

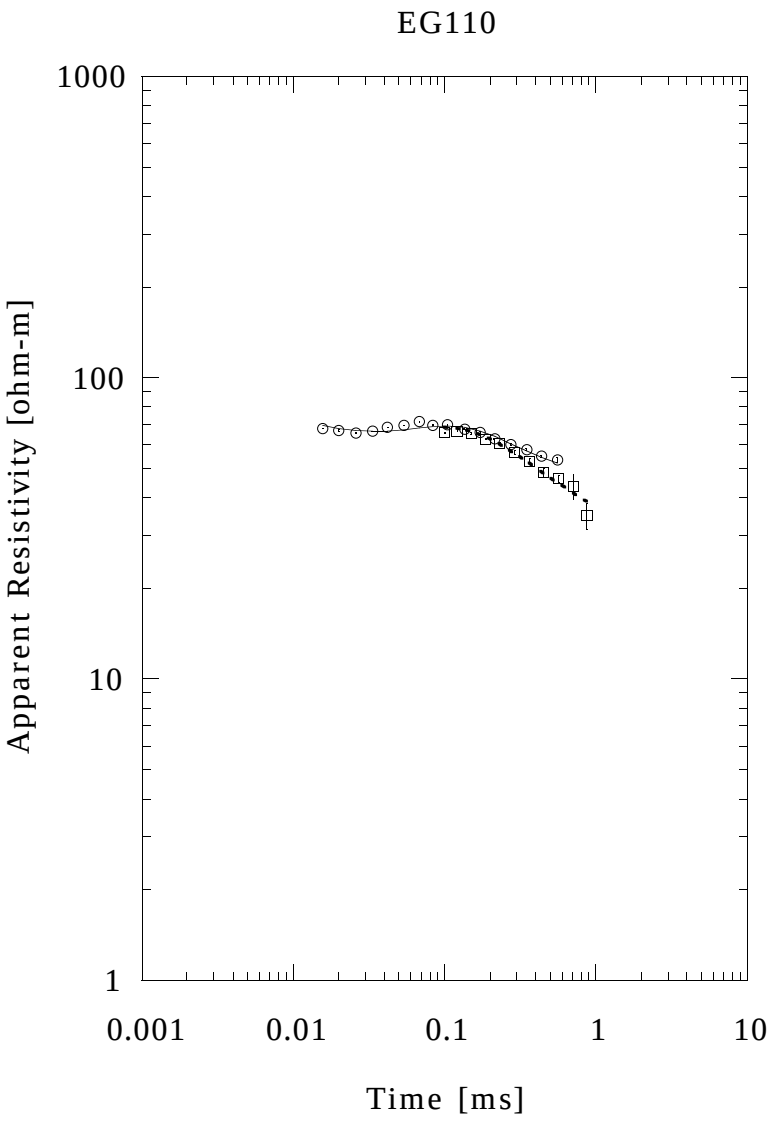

EG107
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

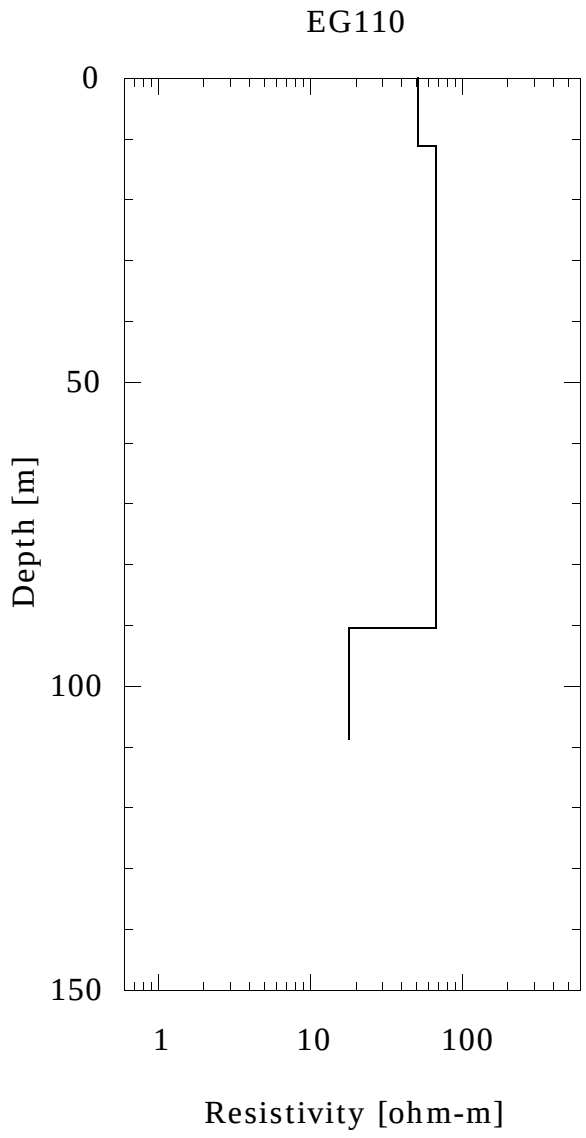

EG108
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

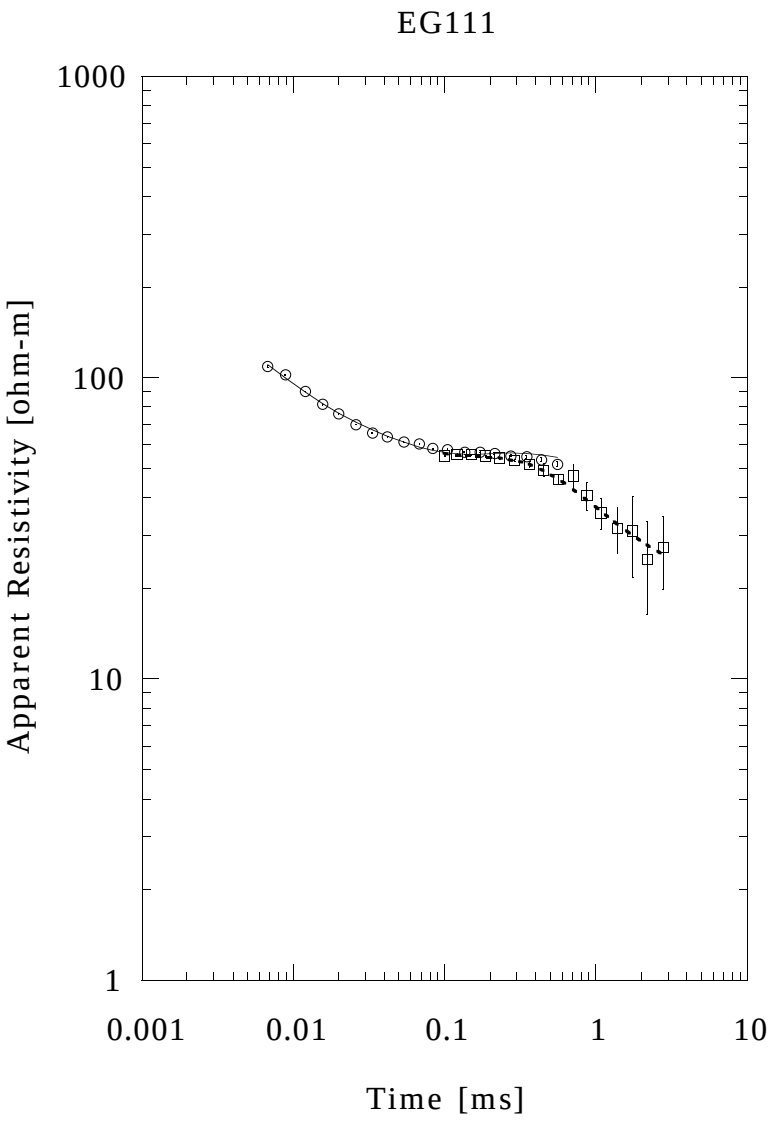

EG108
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

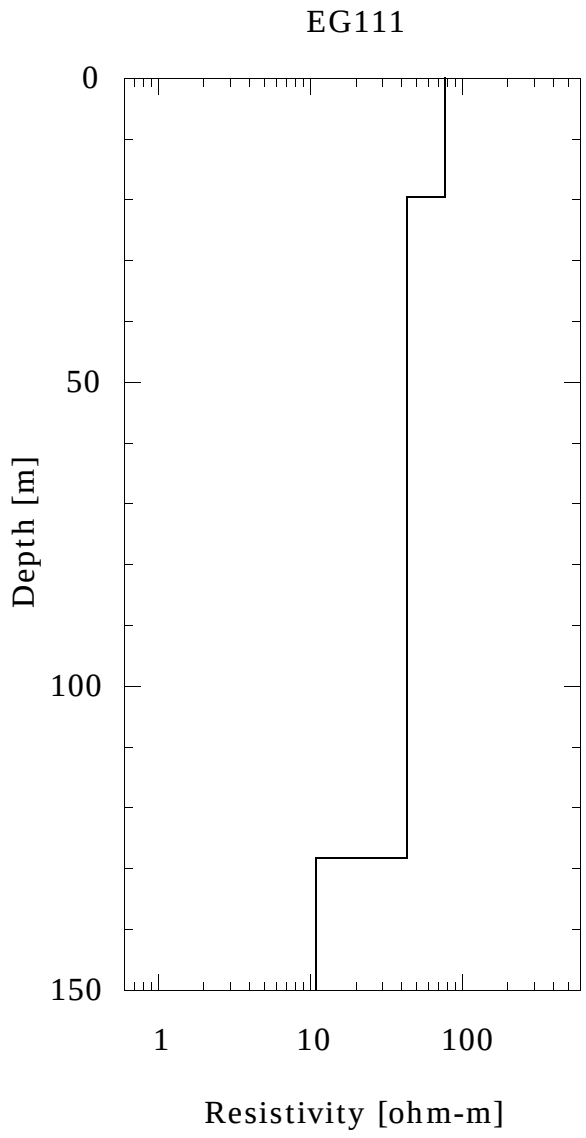

EG109
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

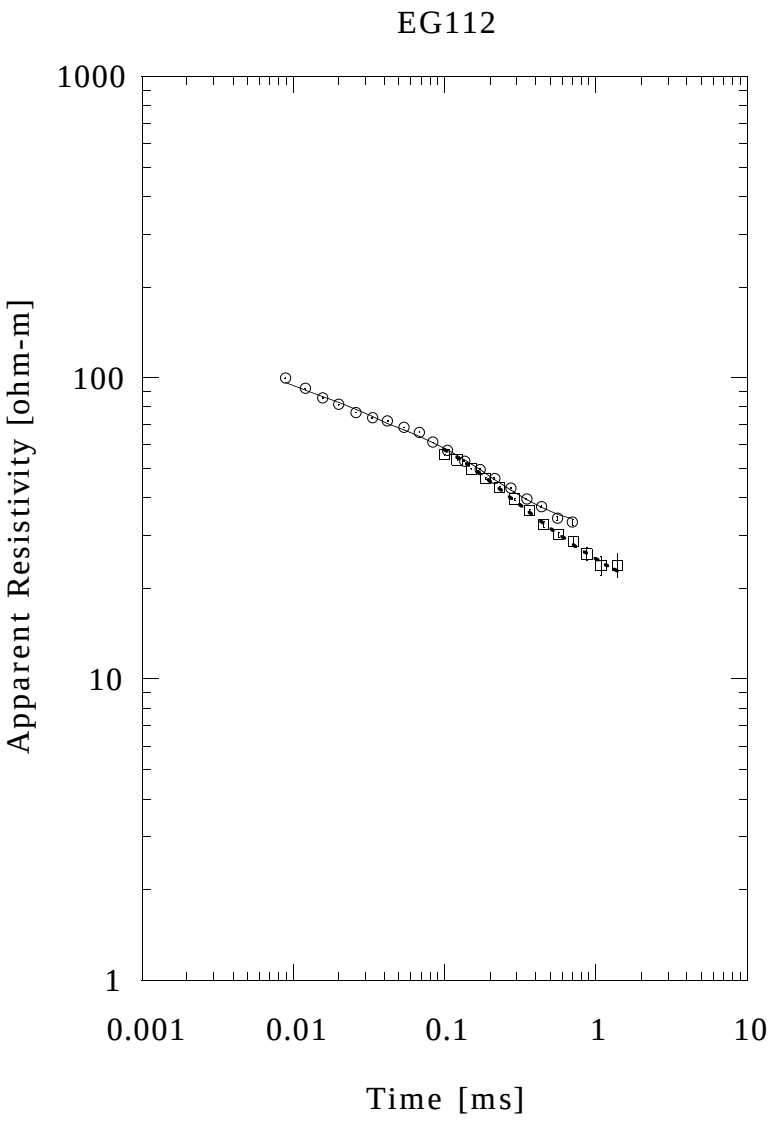

EG109
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

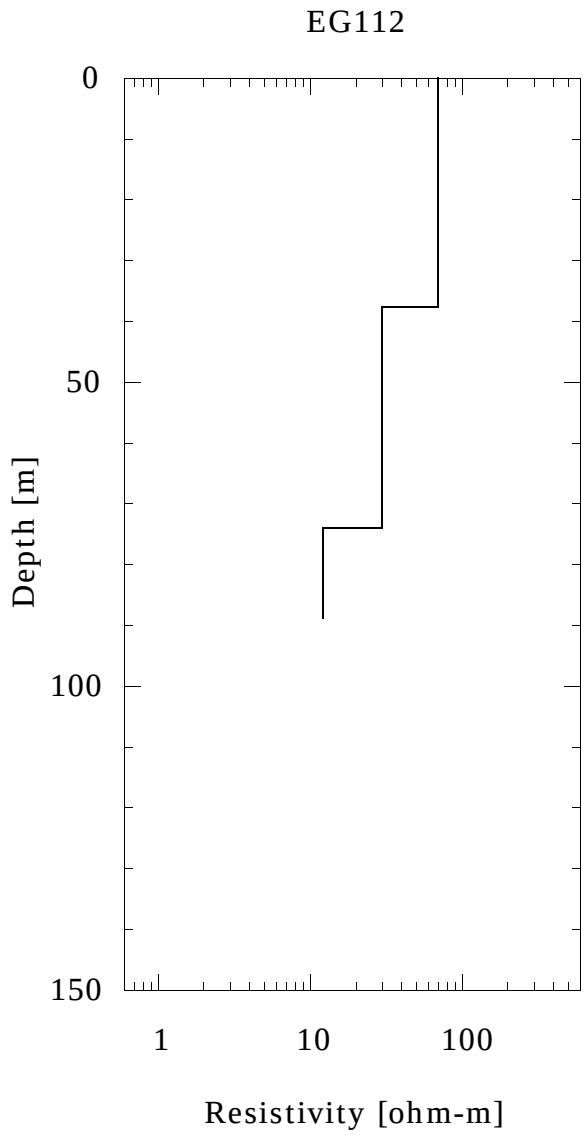

EG110
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

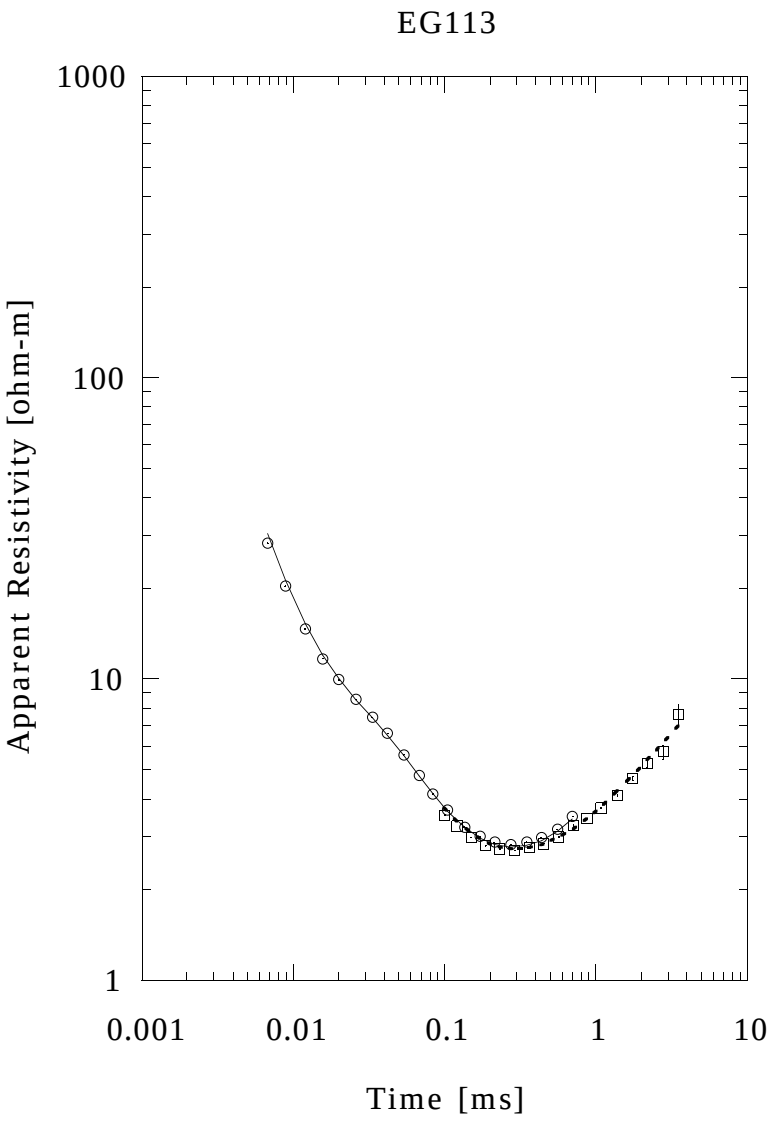

EG110
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

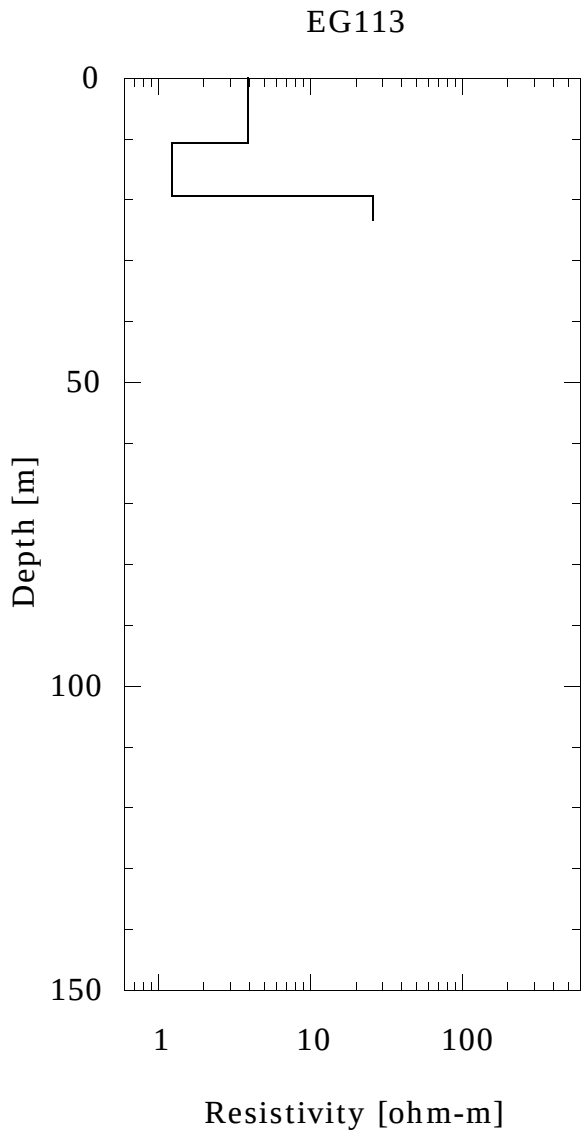

EG111
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

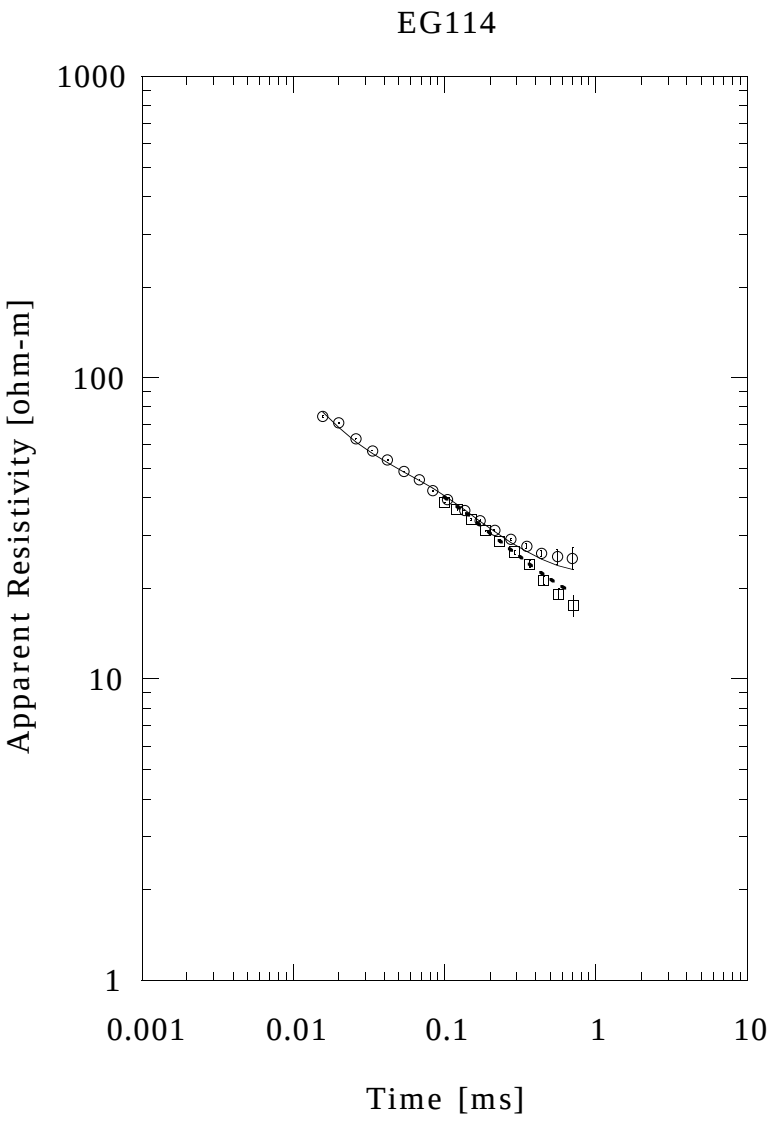

EG111
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

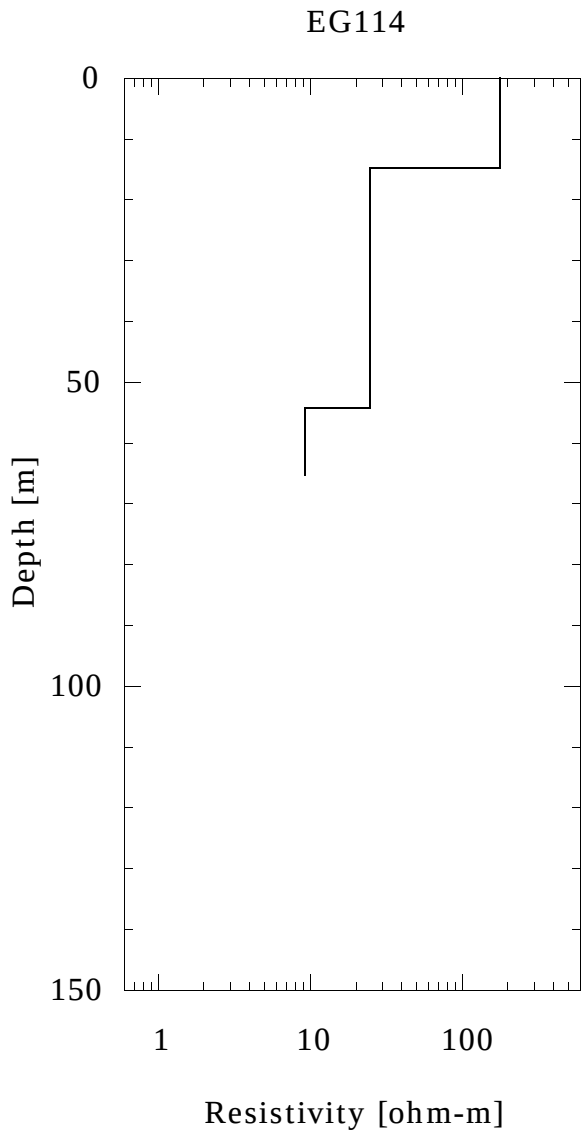

EG112
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

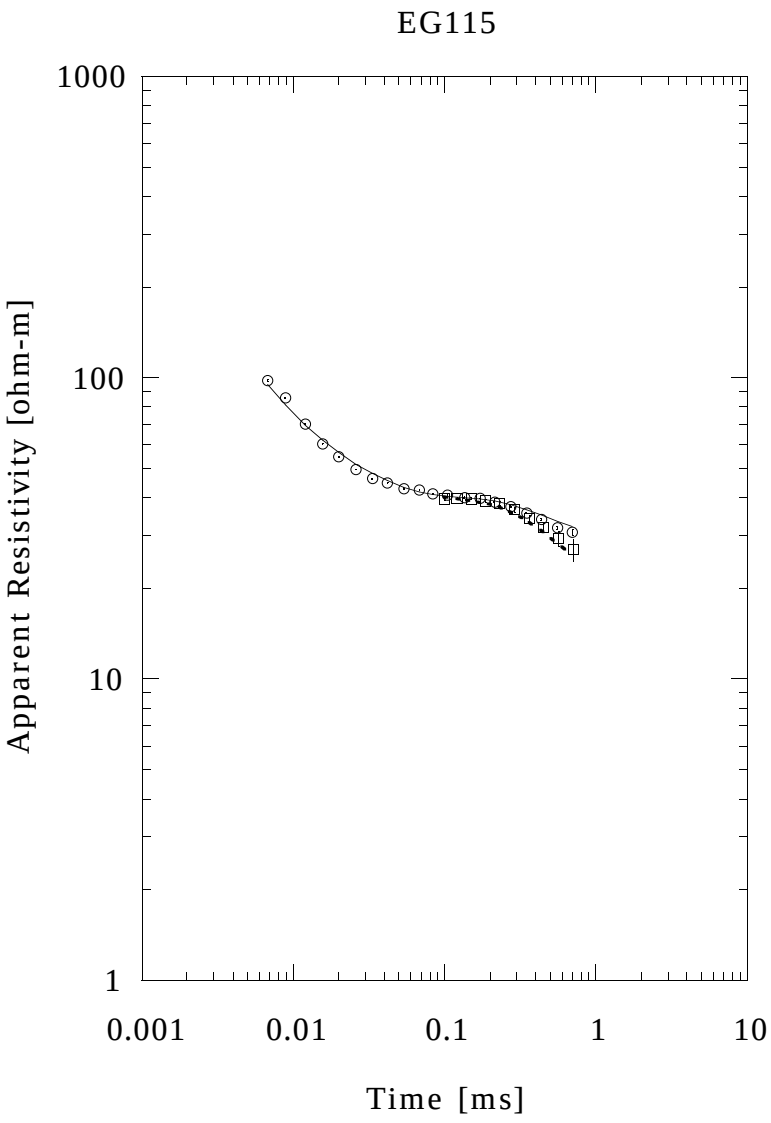

EG112
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

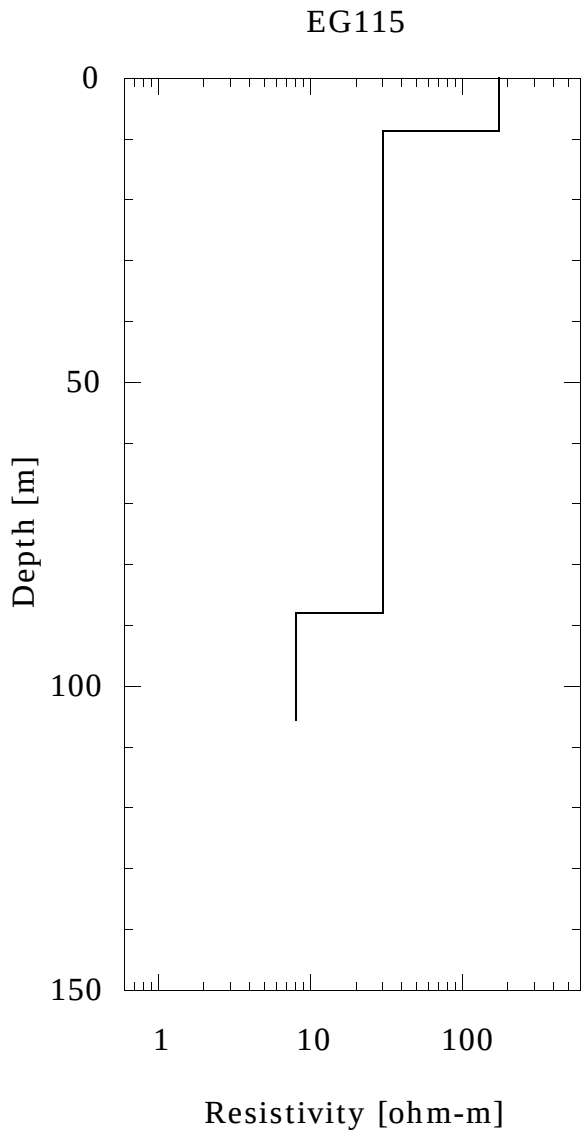

EG113
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

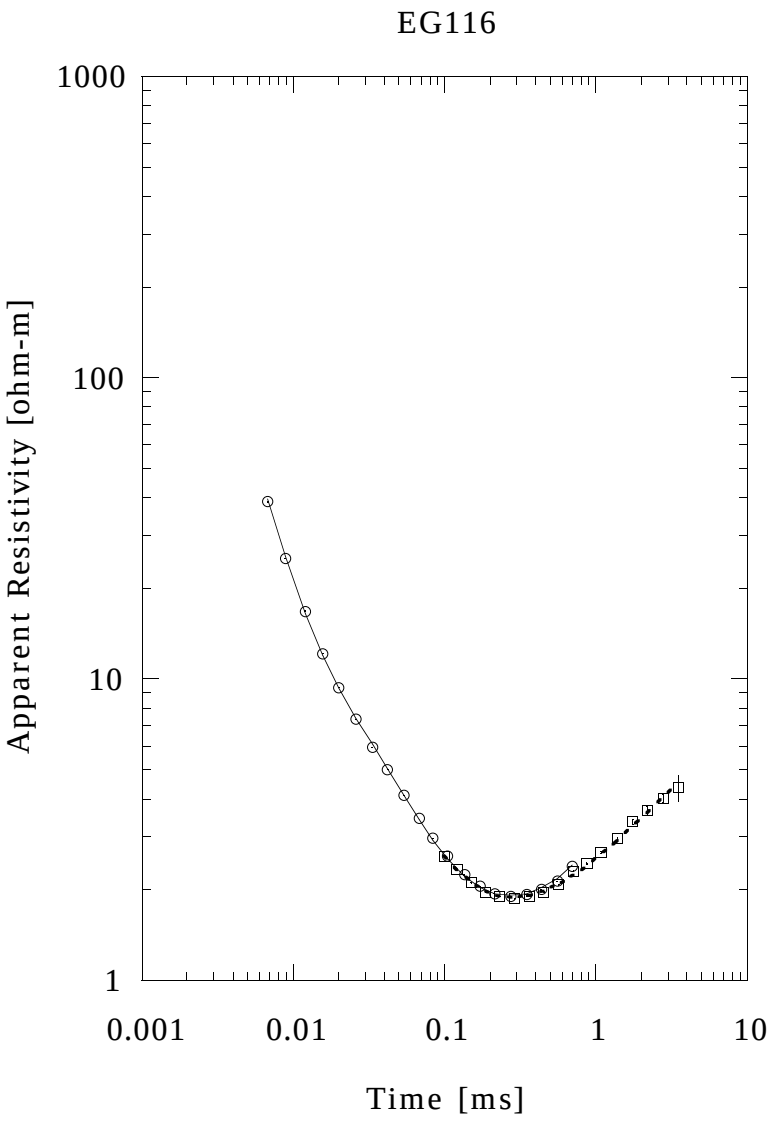

EG113
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

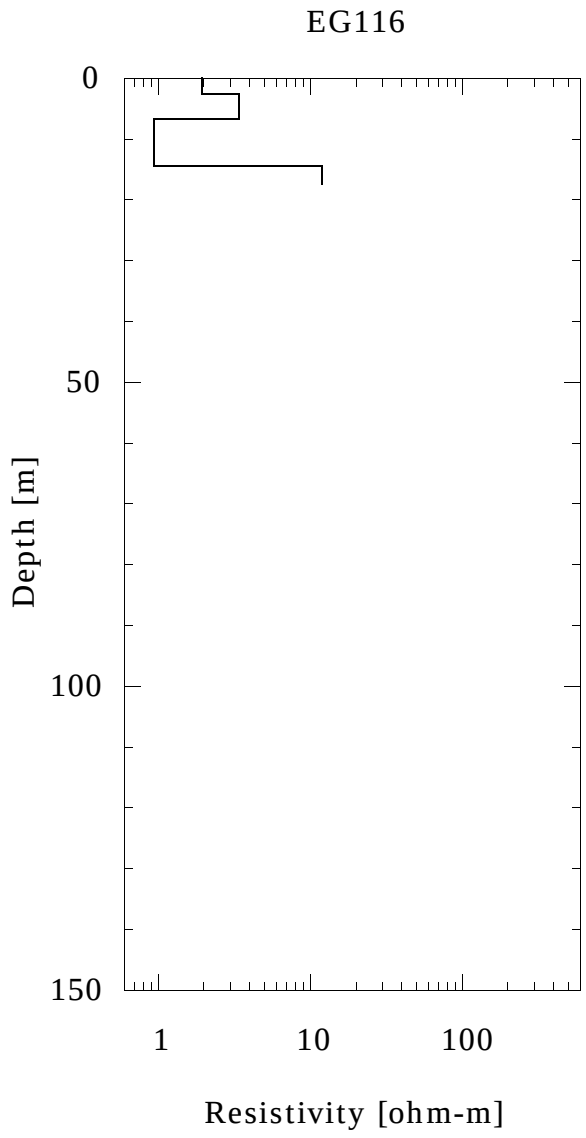

EG114
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

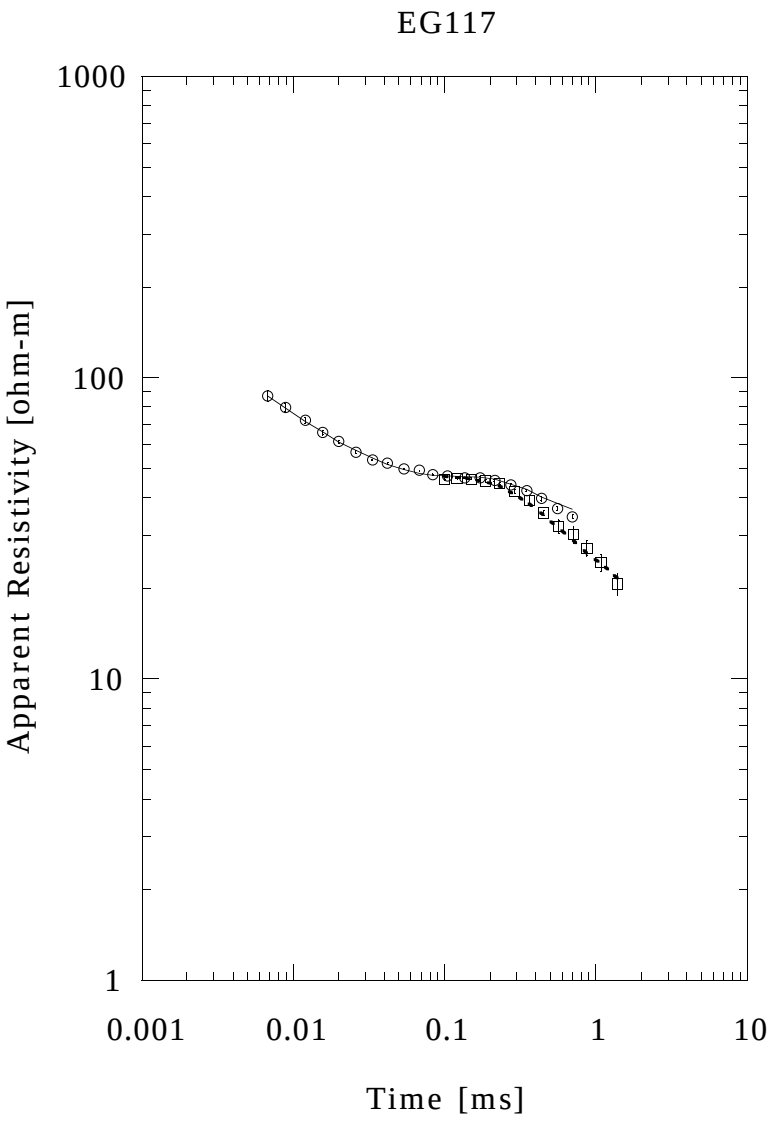

EG114
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

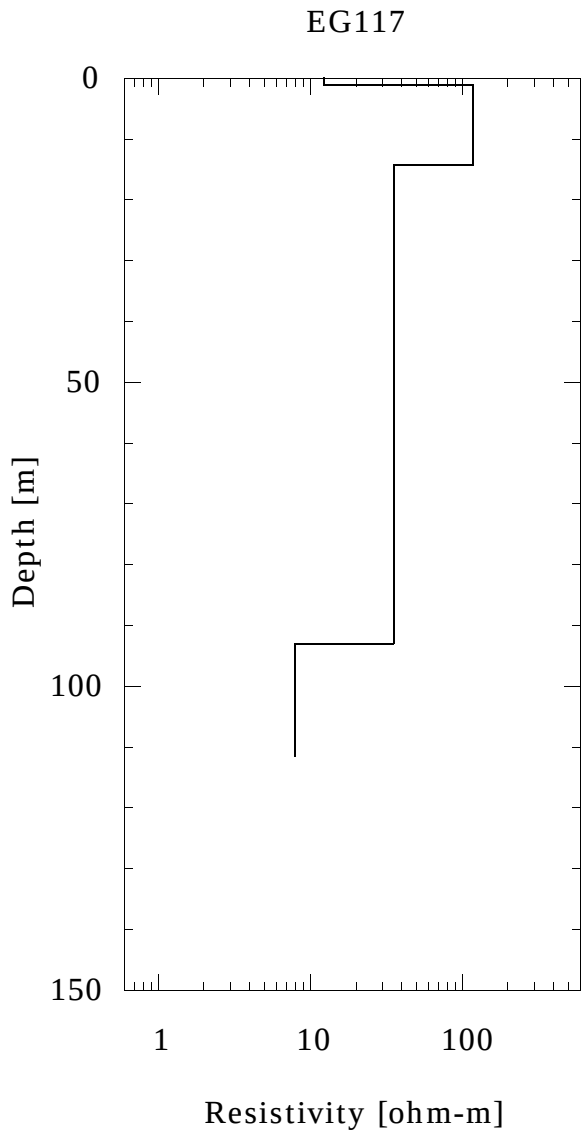

EG115
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

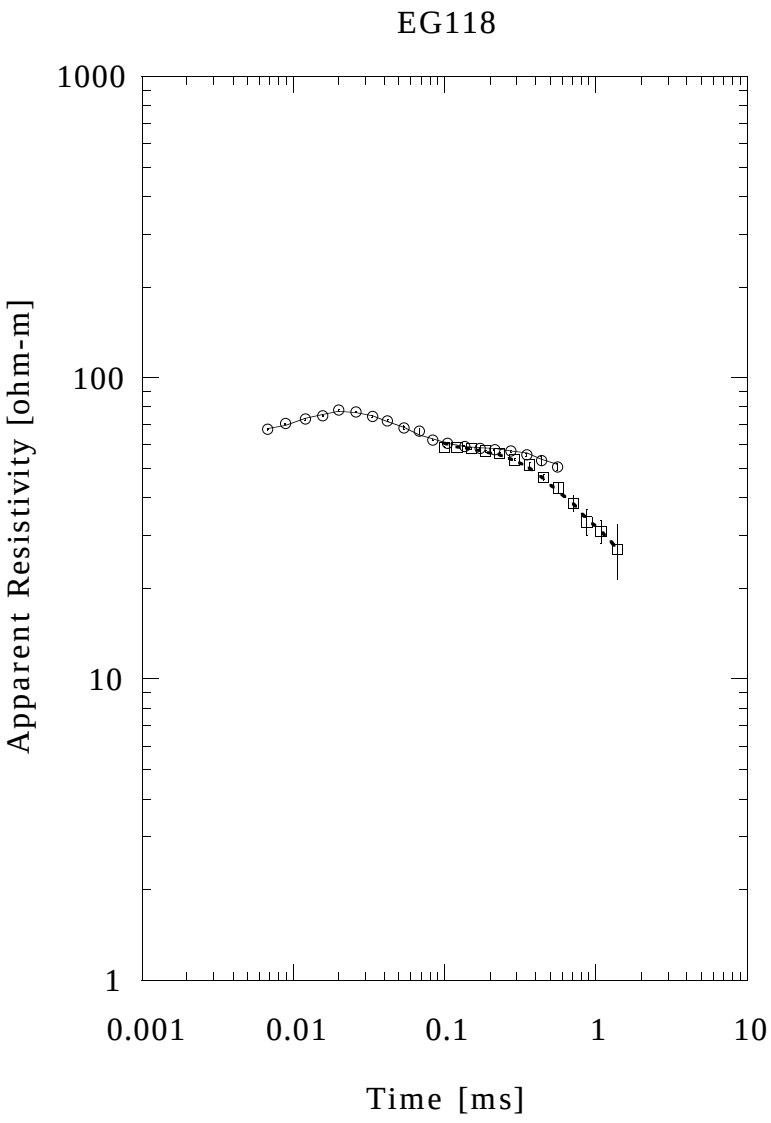

EG115
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

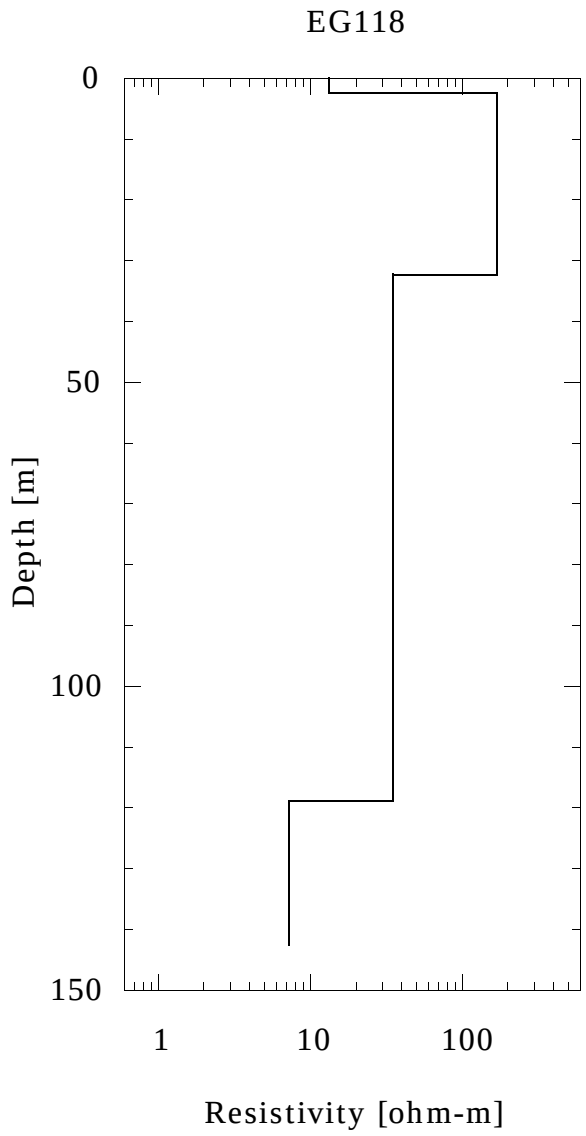

EG116
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

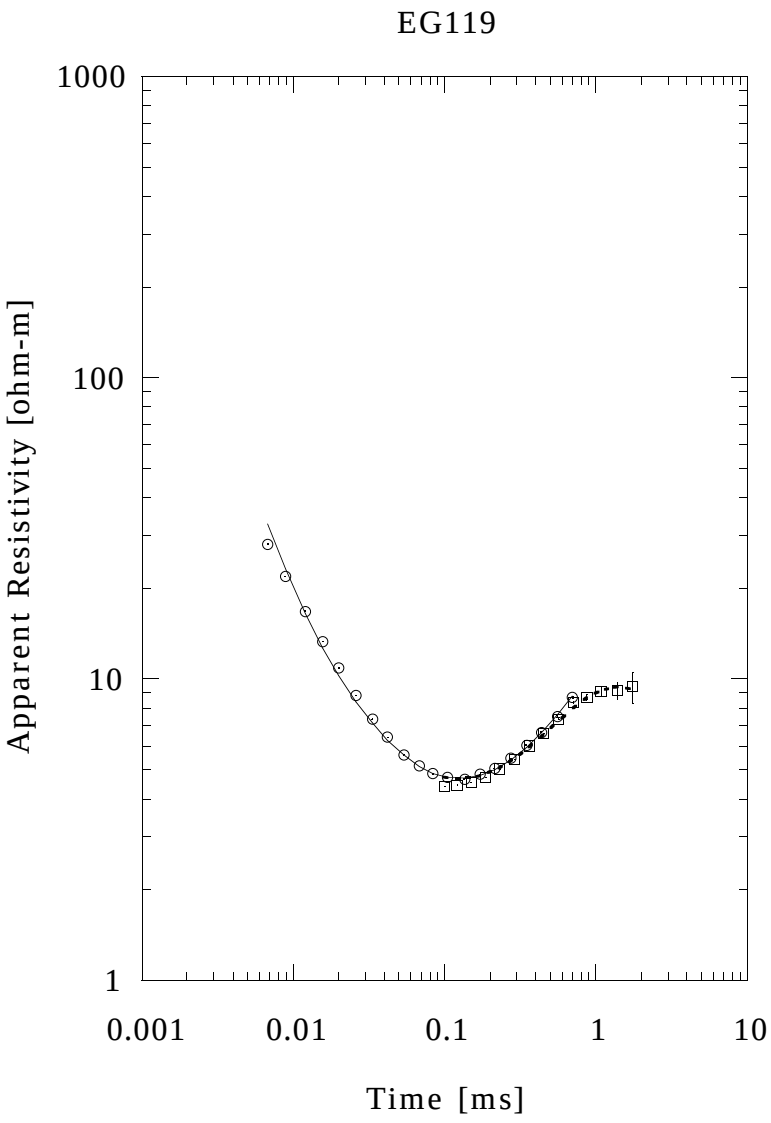

EG116
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

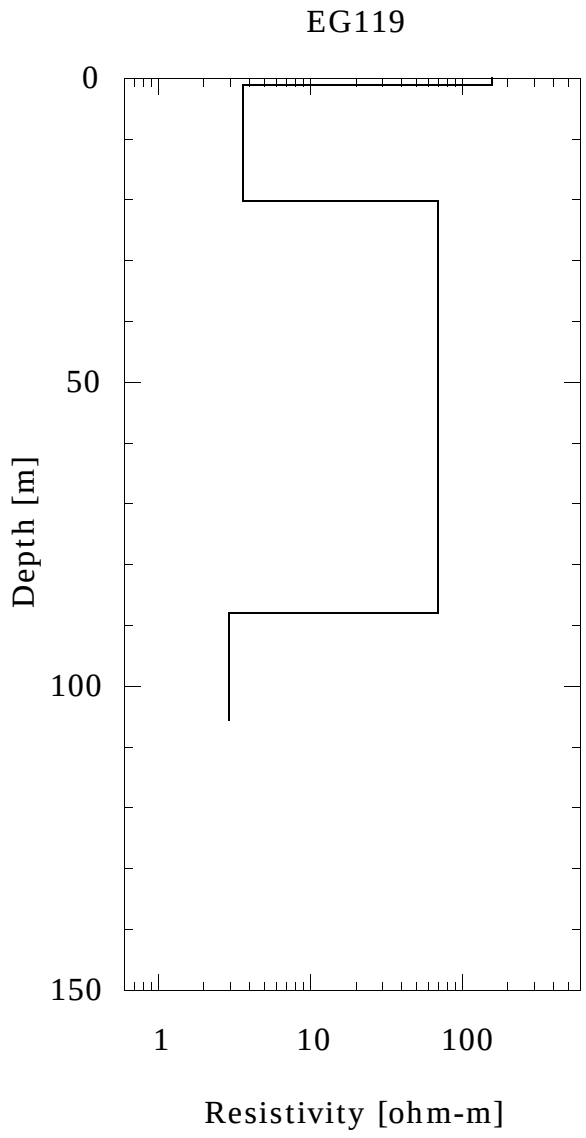

EG117
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

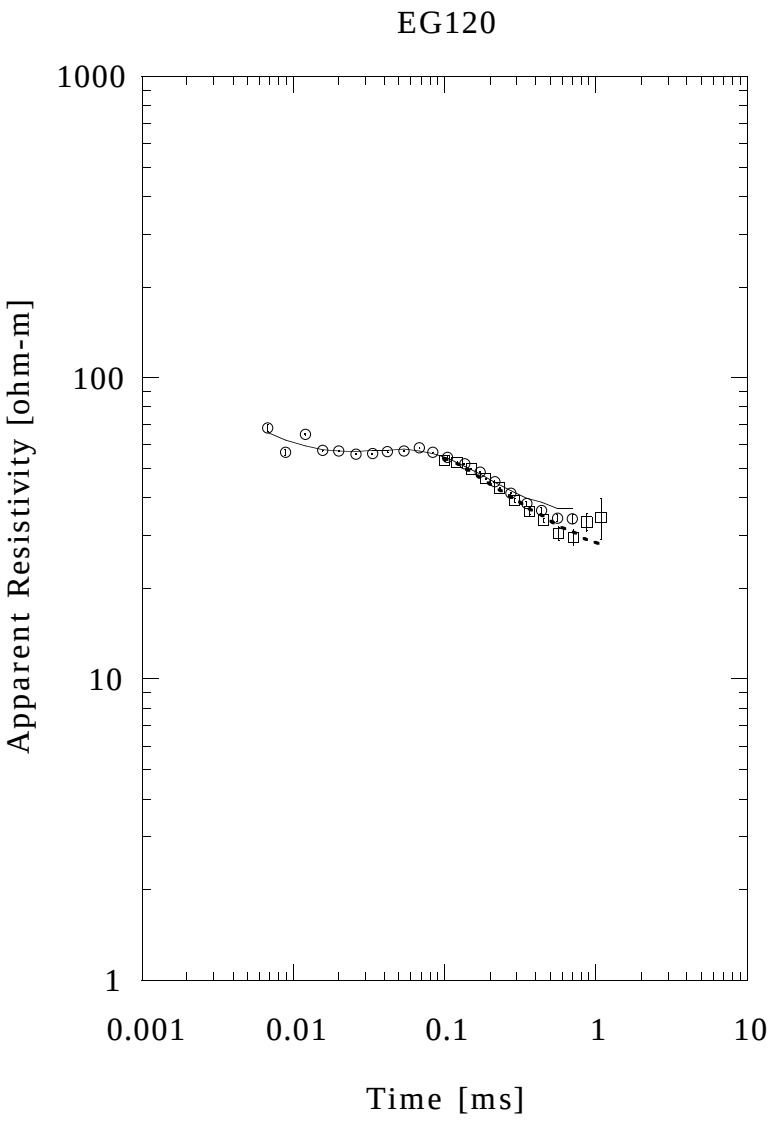

EG117
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

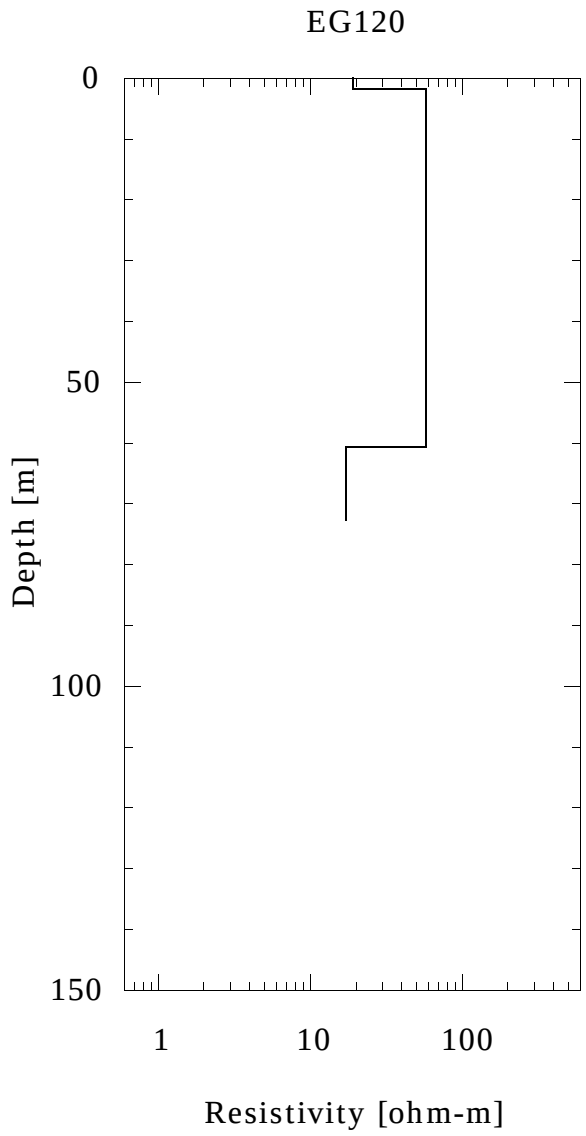

EG118
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

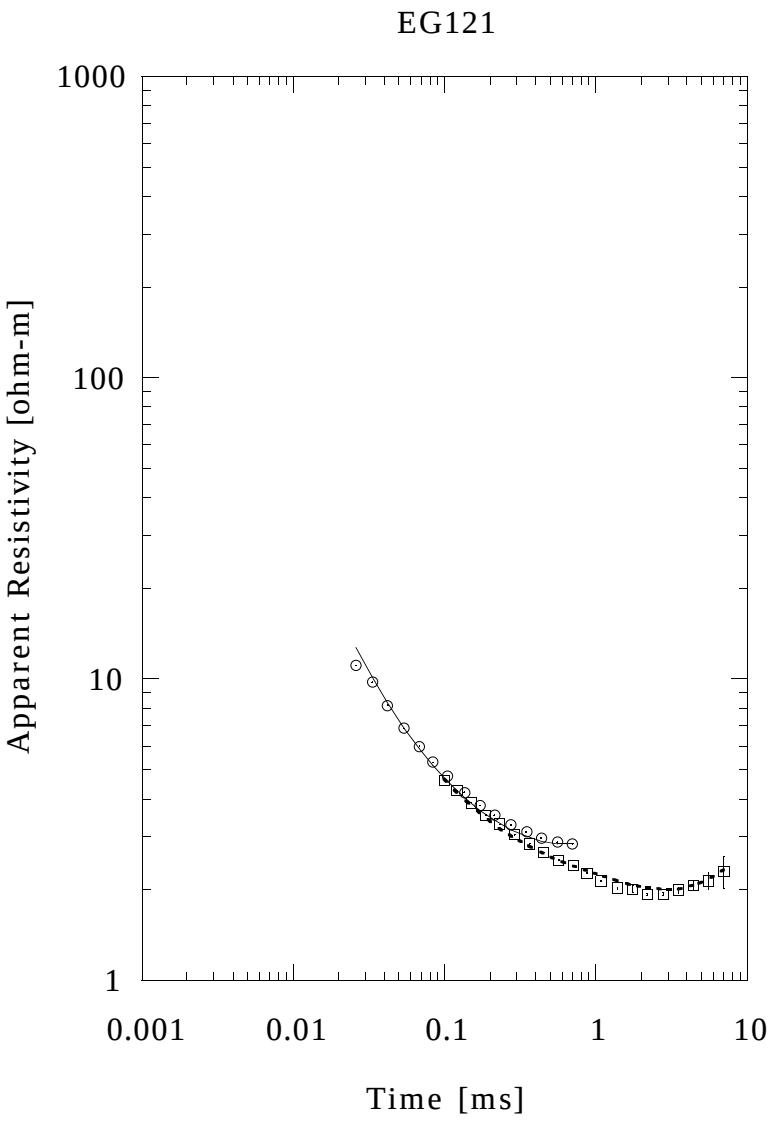

EG118
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

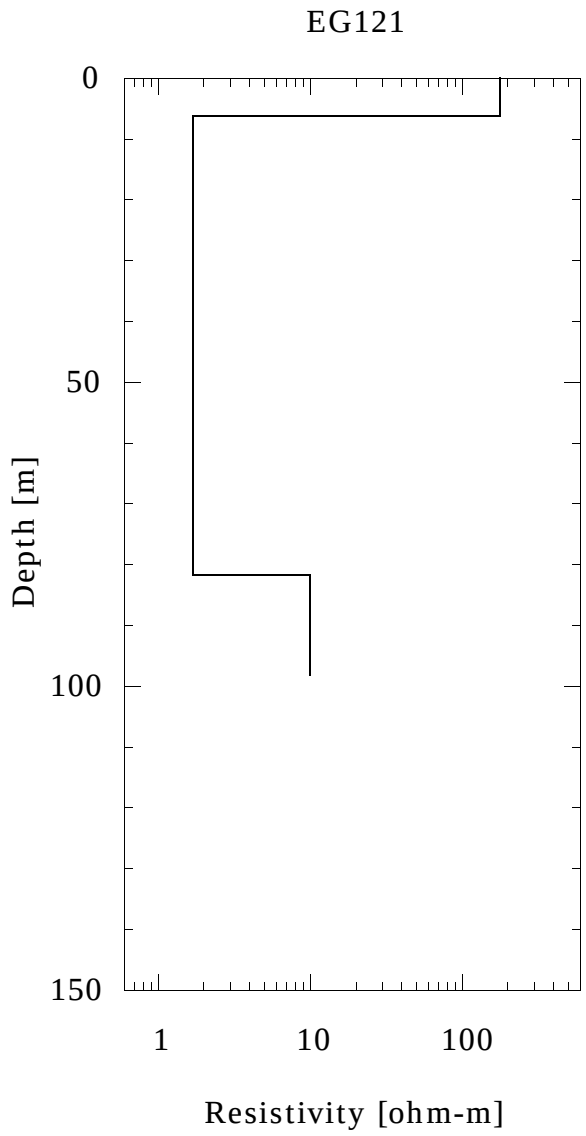

EG119
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

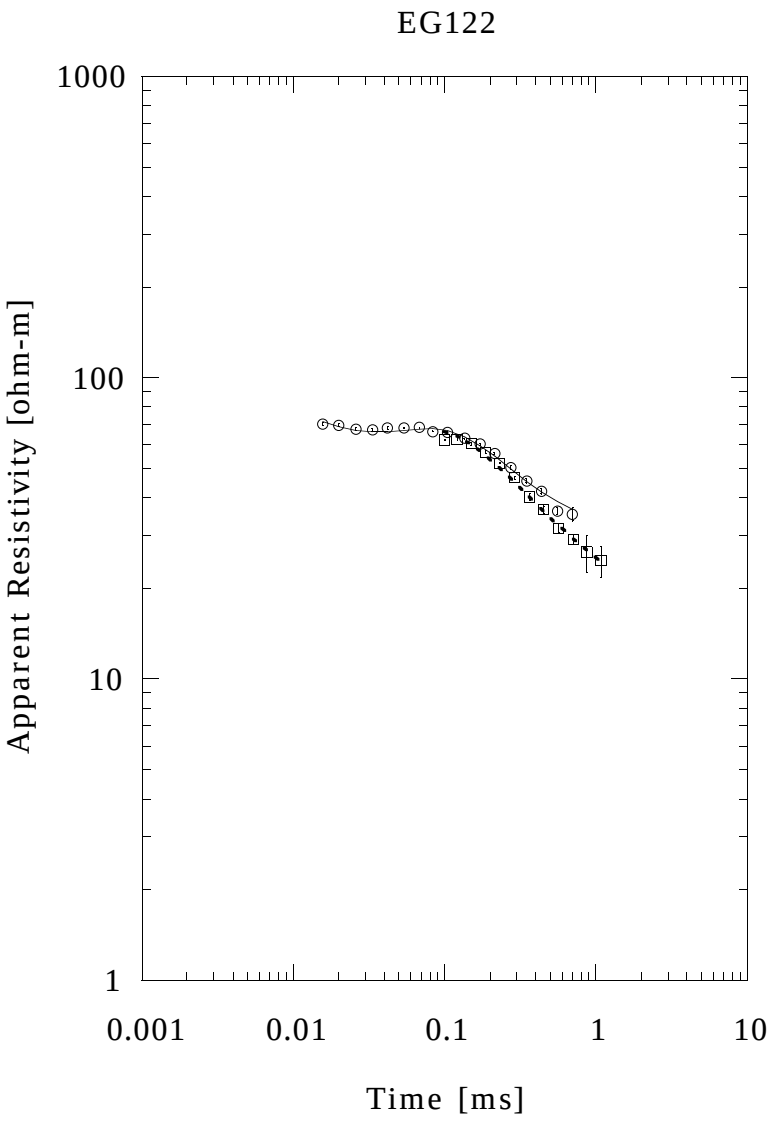

EG119
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

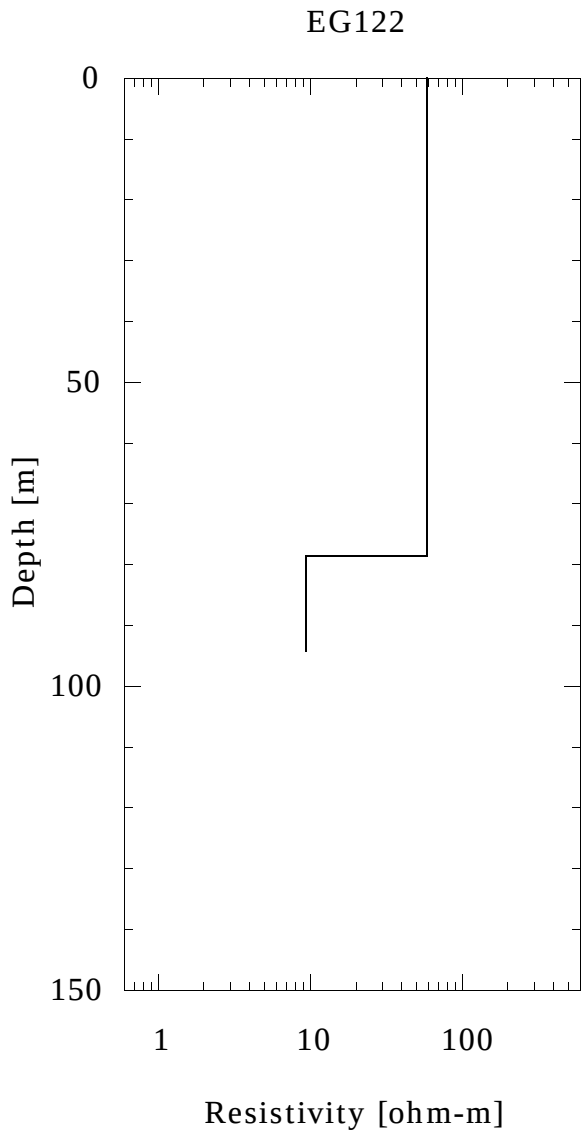

EG120
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

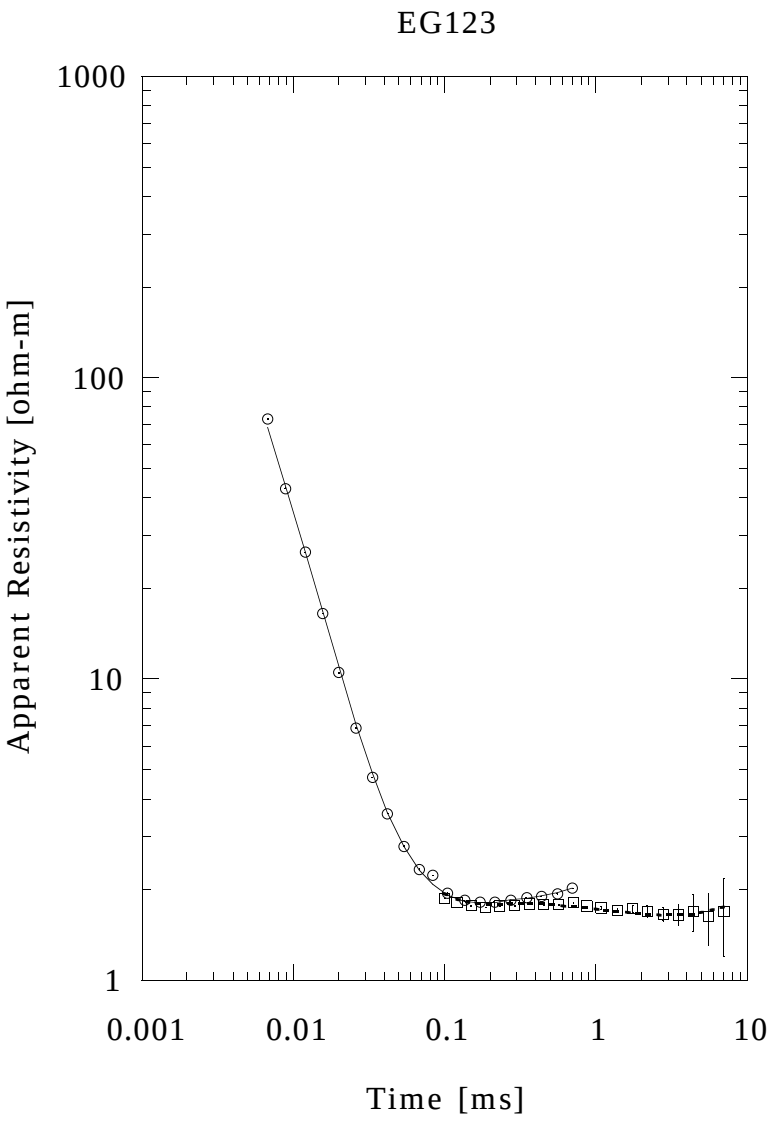

EG120
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

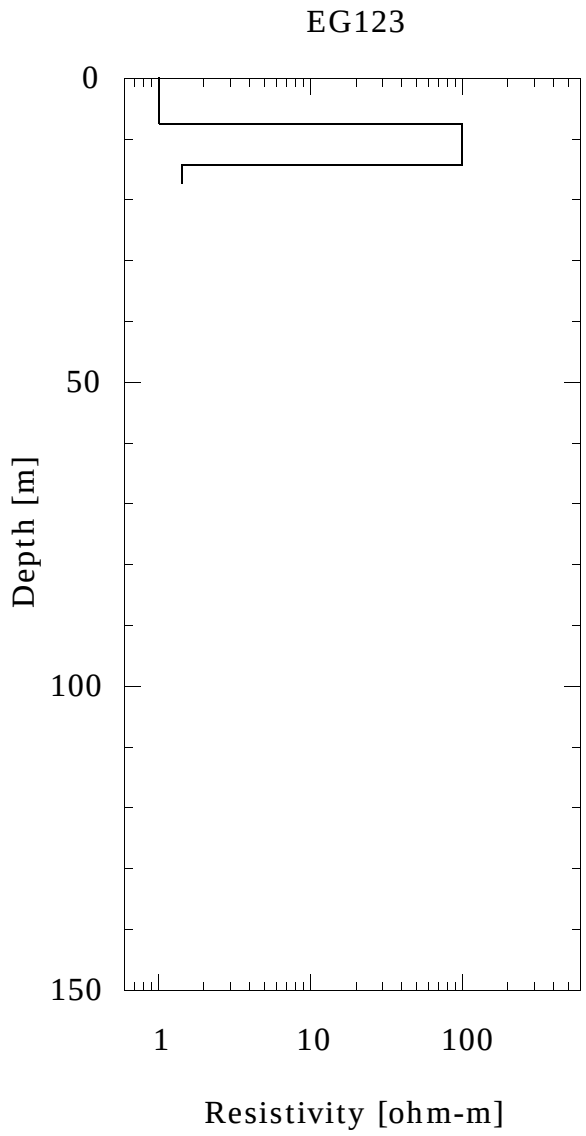

EG121
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

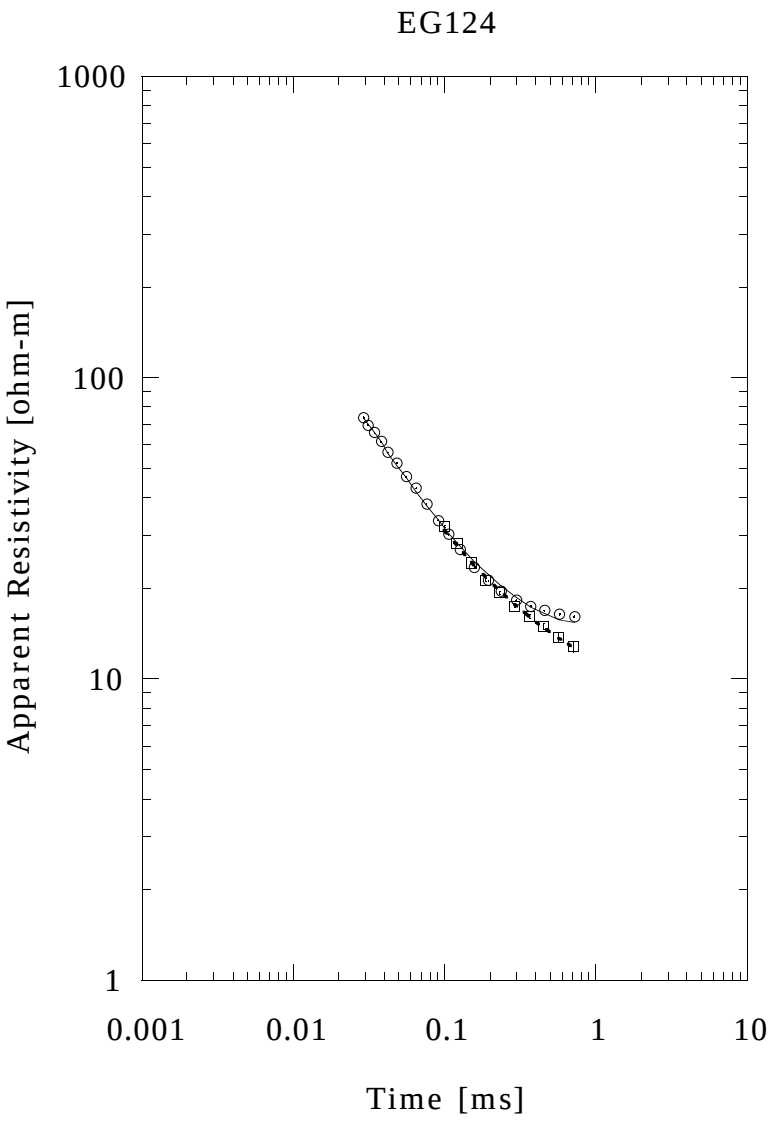

EG121
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

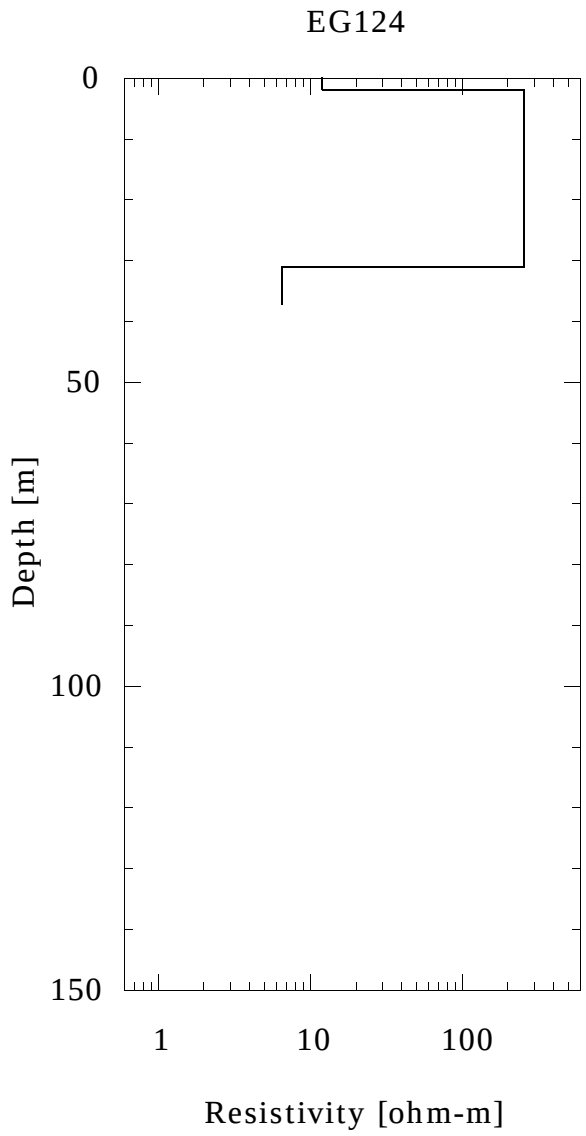

EG122
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

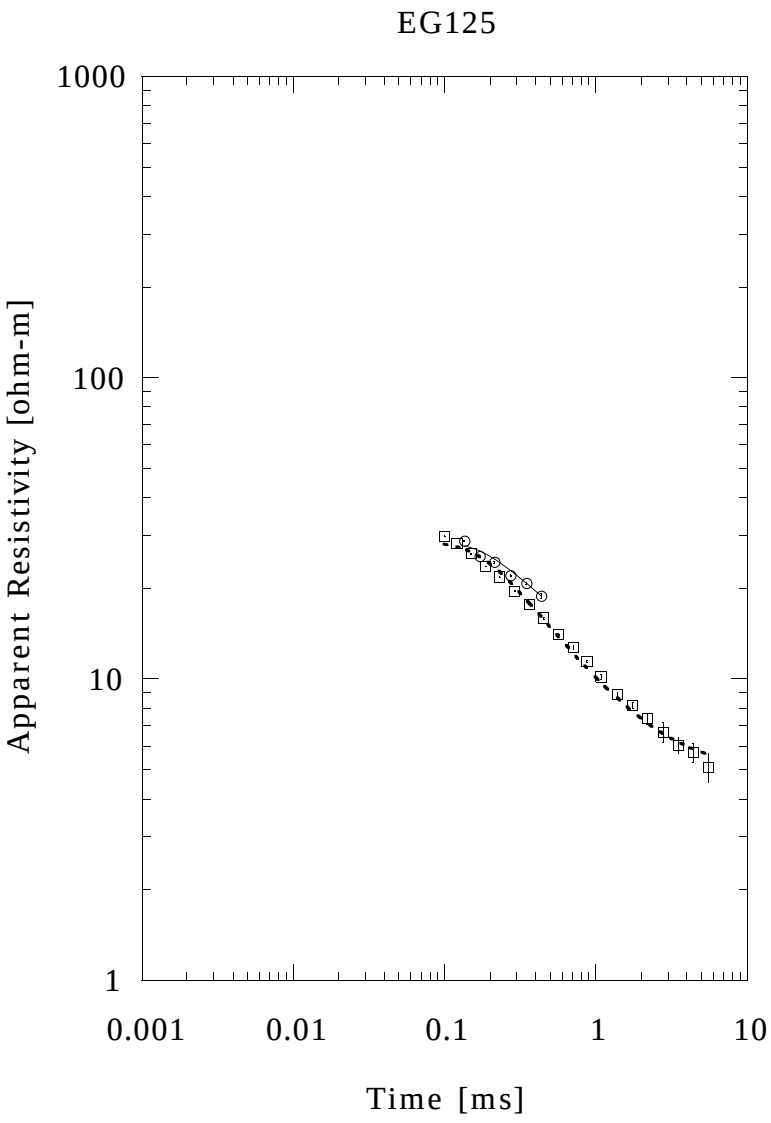

EG122
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

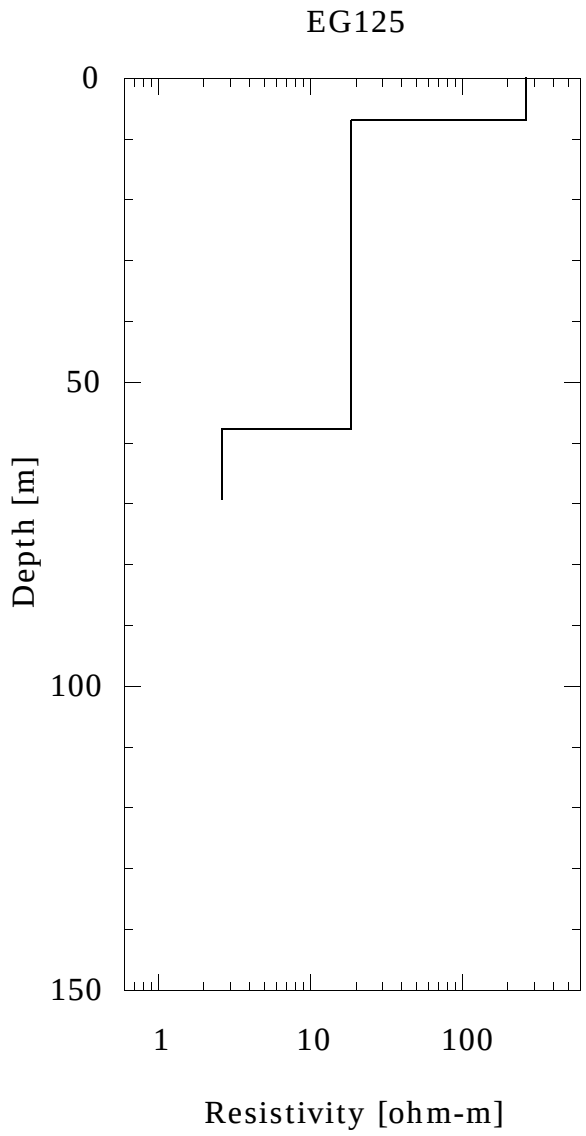

EG123
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

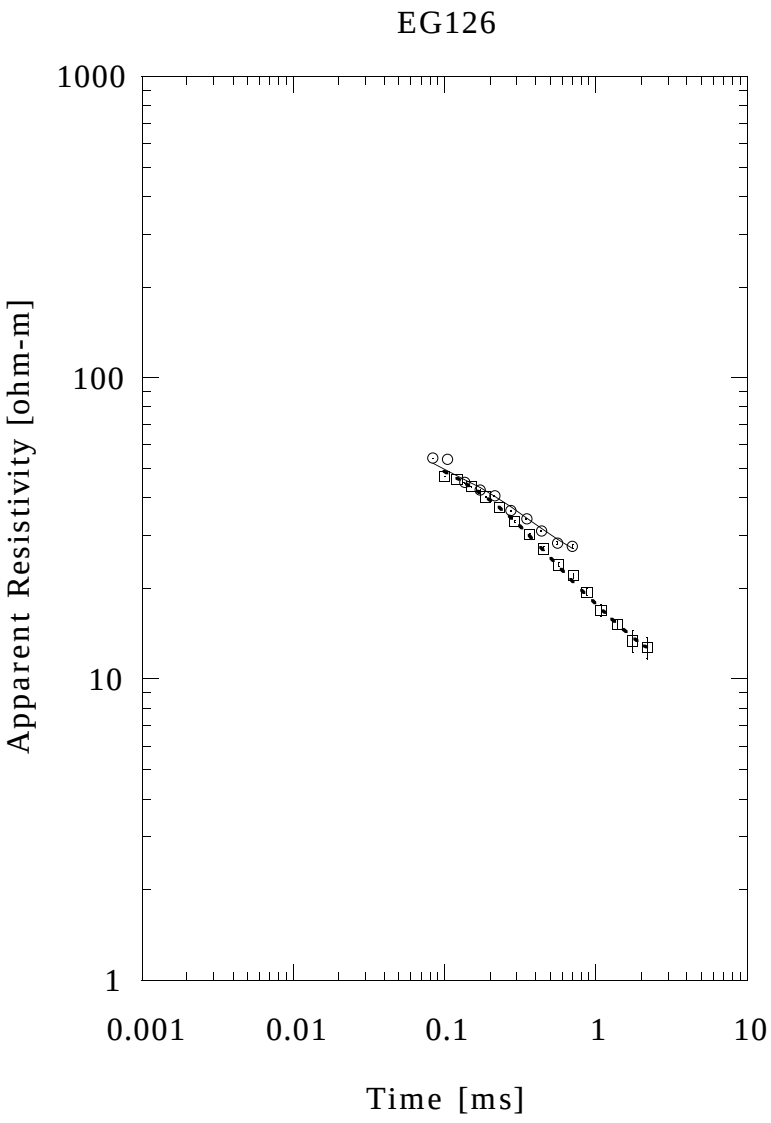

EG123
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

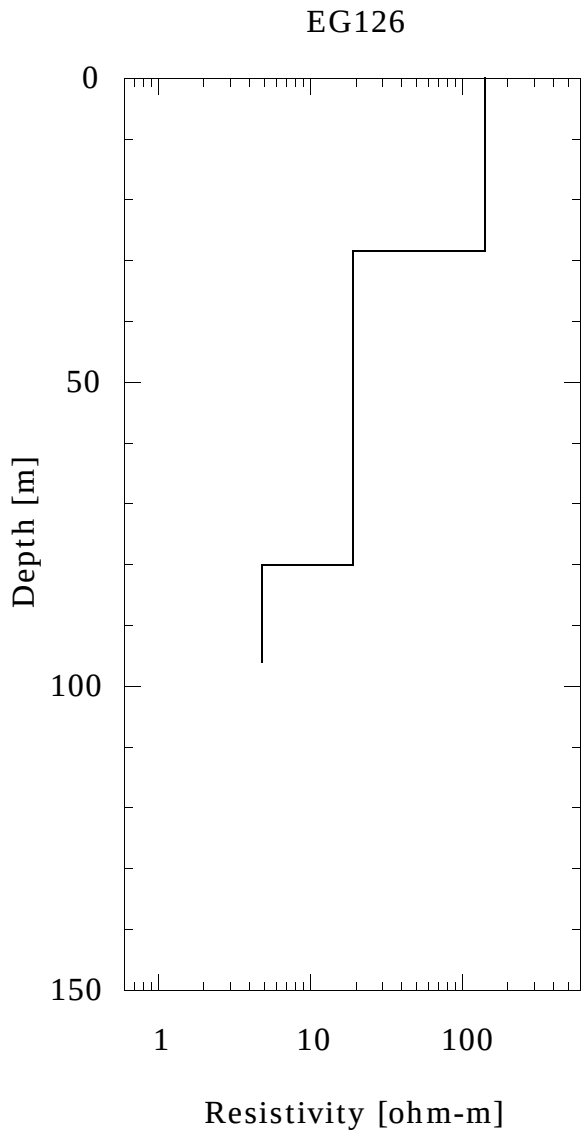

EG124
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

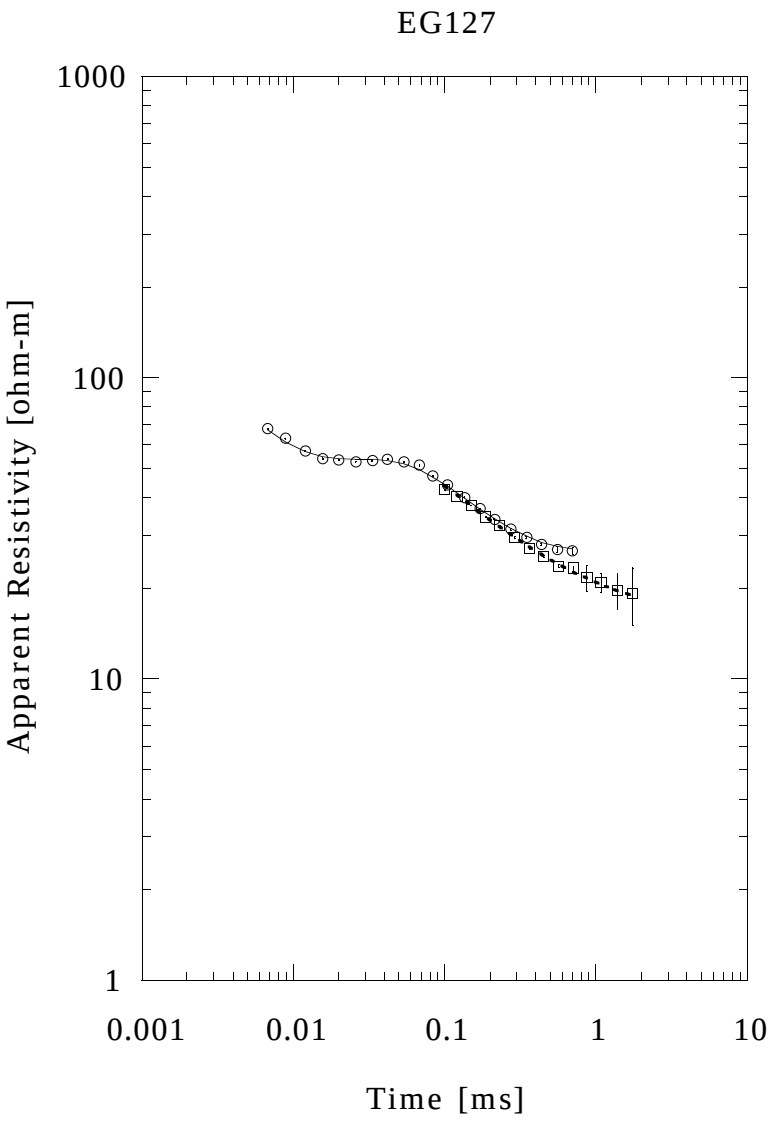

EG124
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

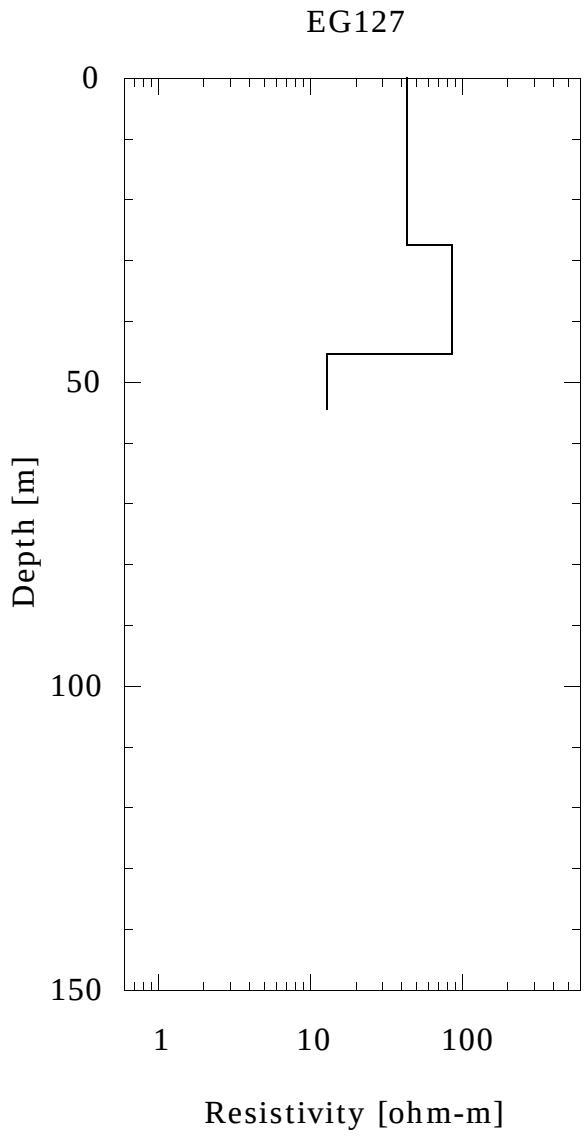

EG125
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

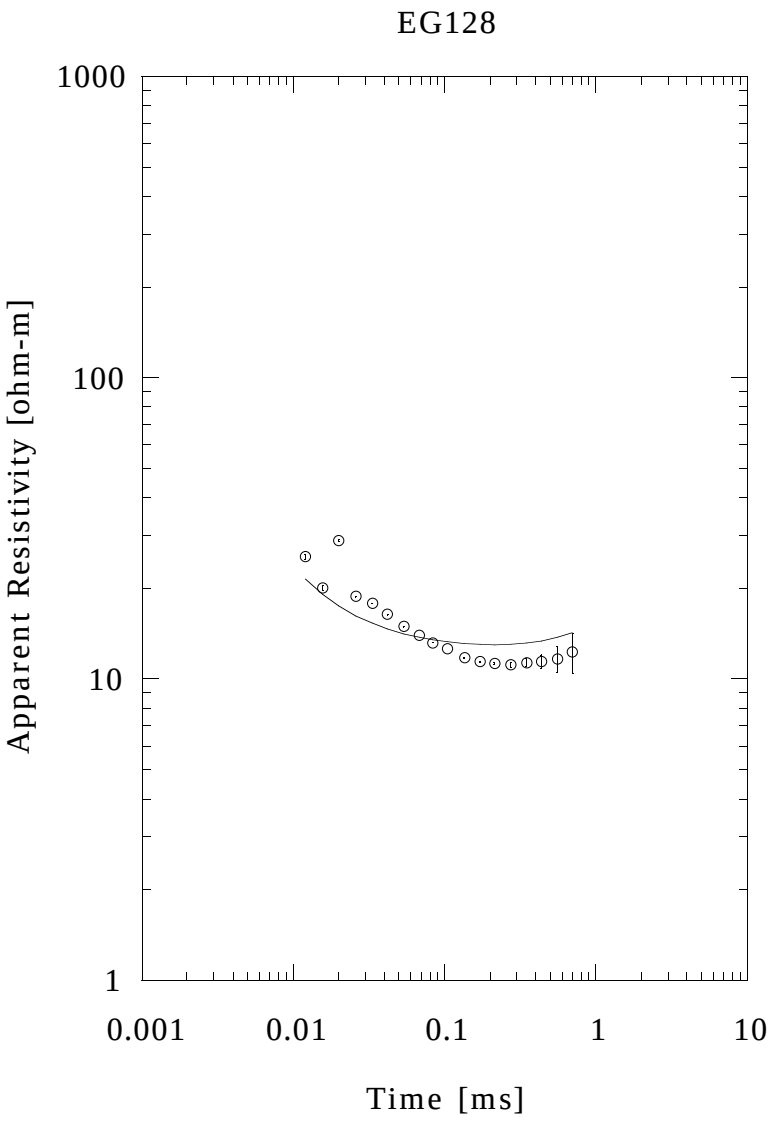

EG125
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

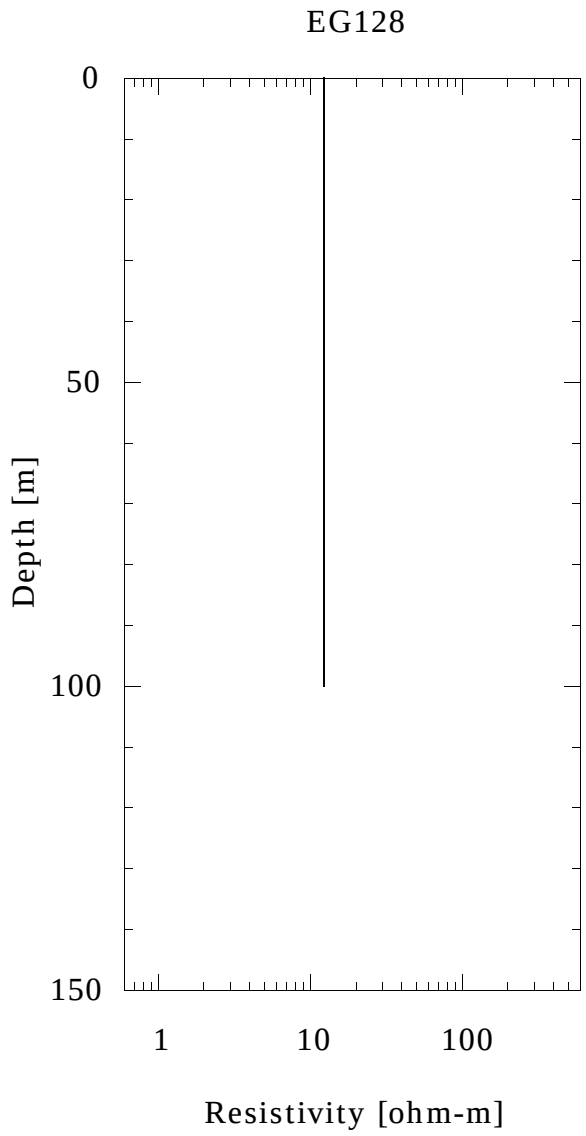

EG126
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

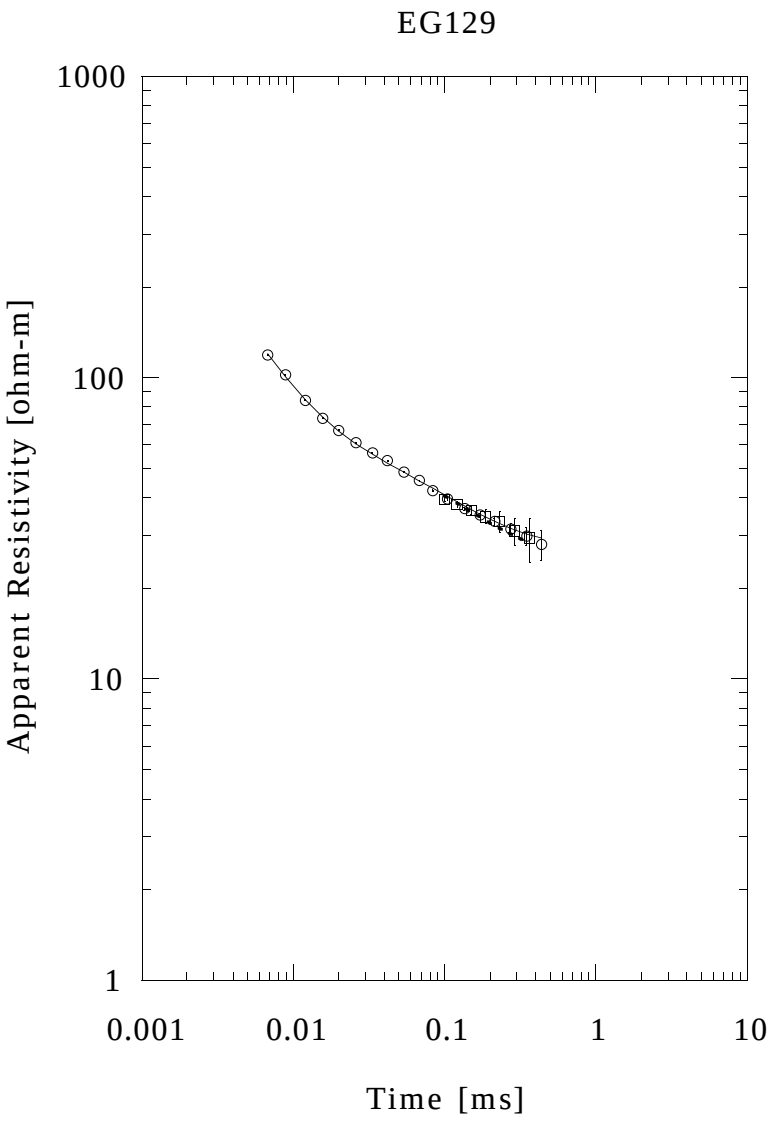

EG126
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

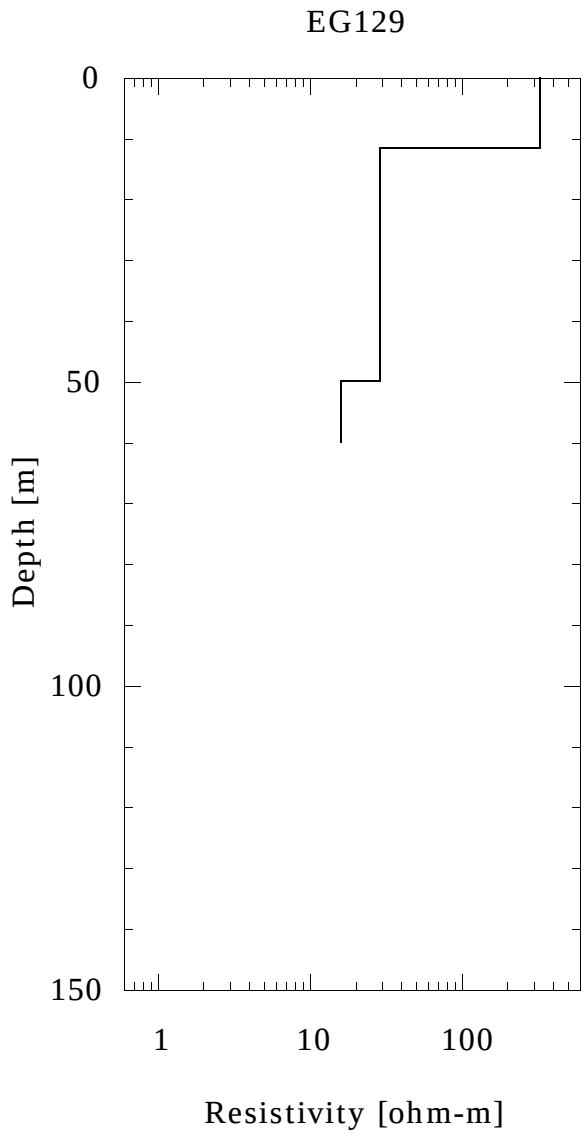

EG127
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

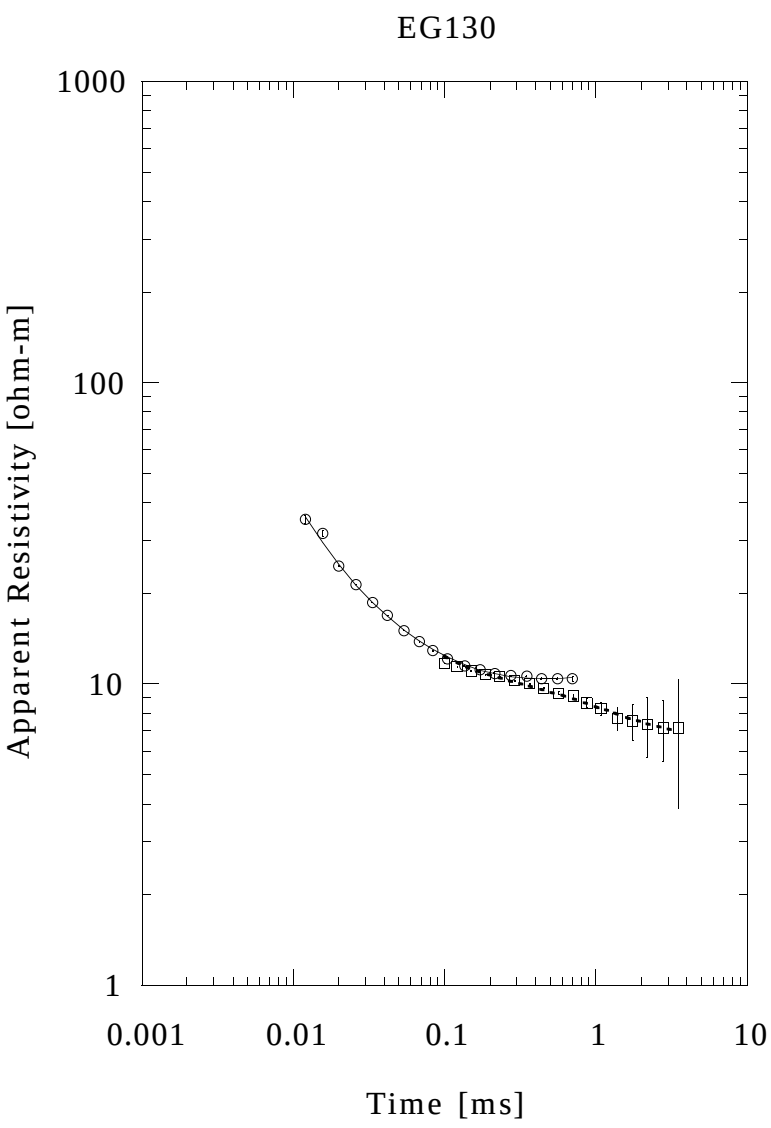

EG127
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

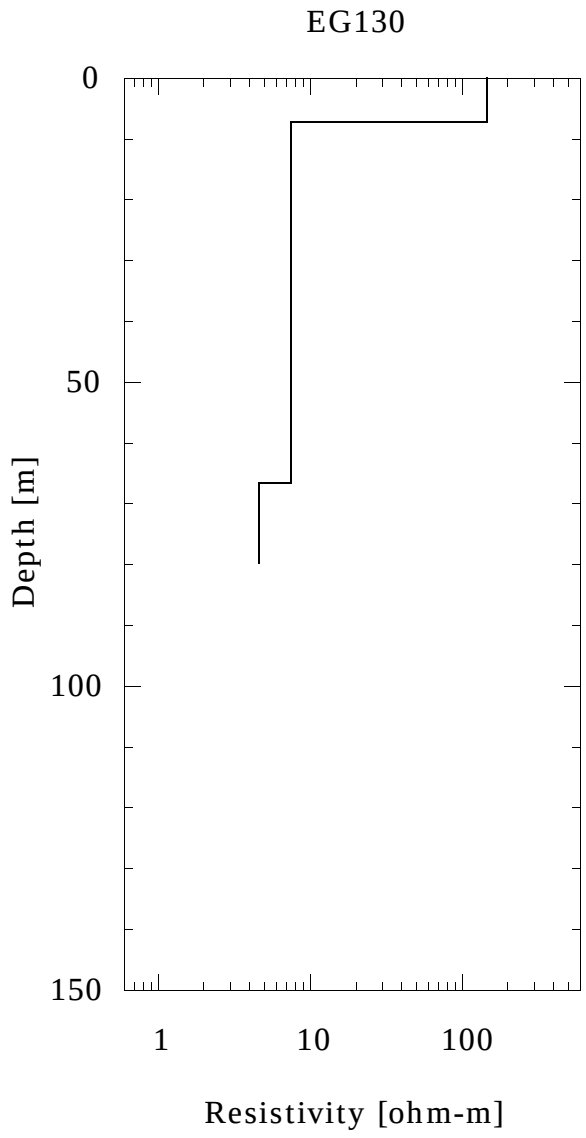

EG128
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

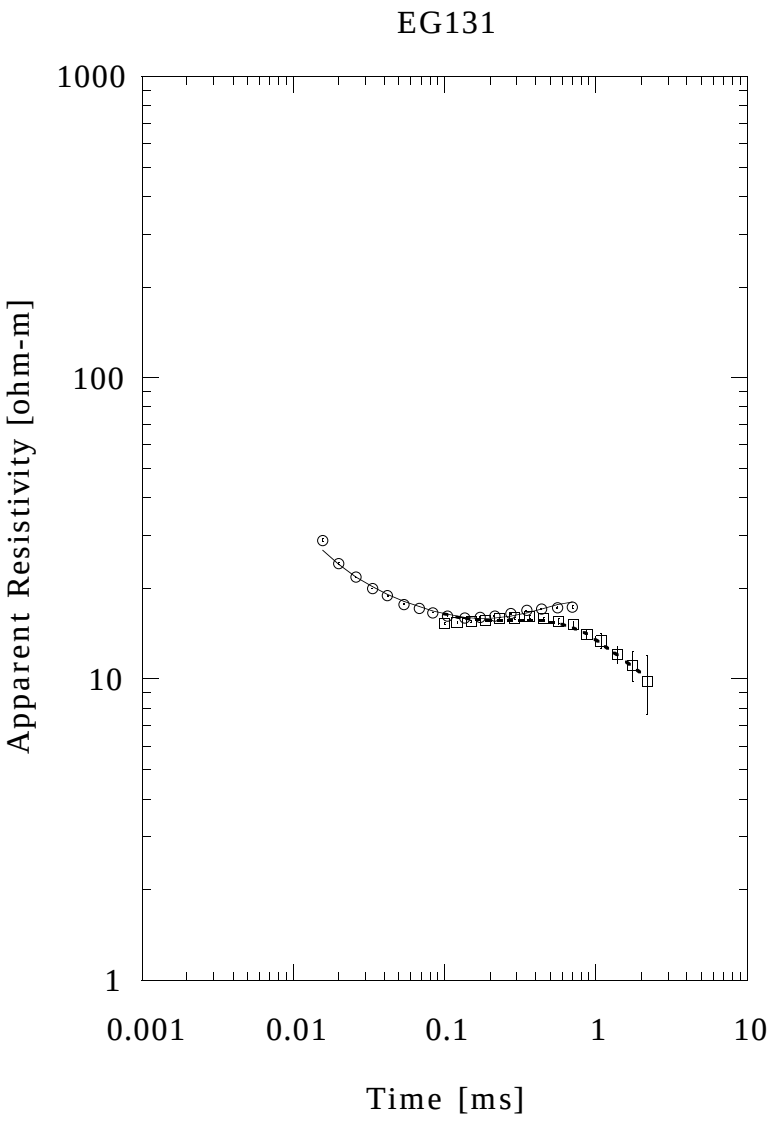

EG128
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

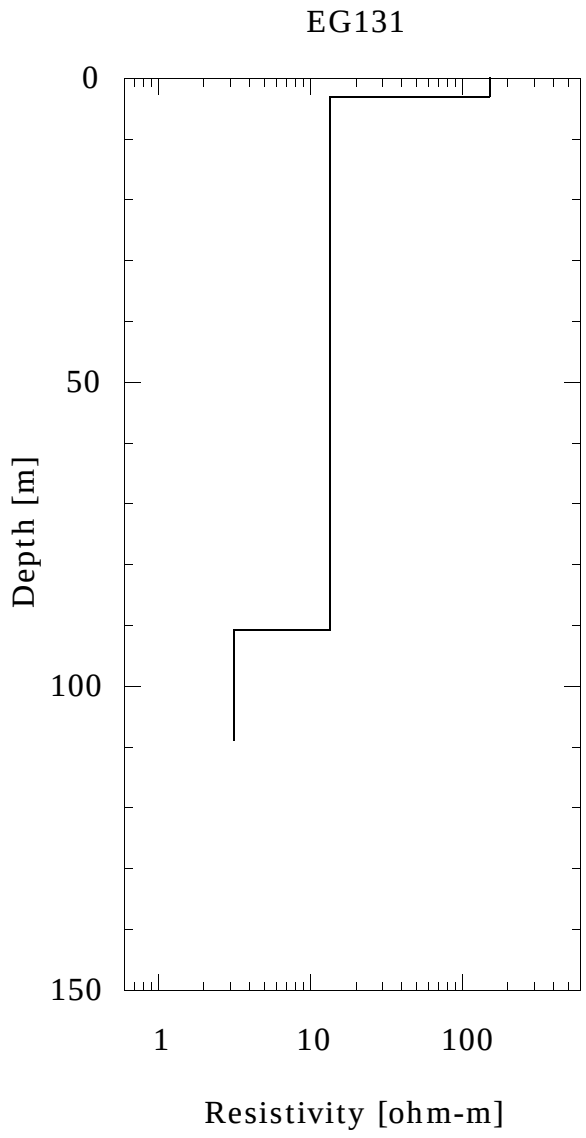

EG129
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

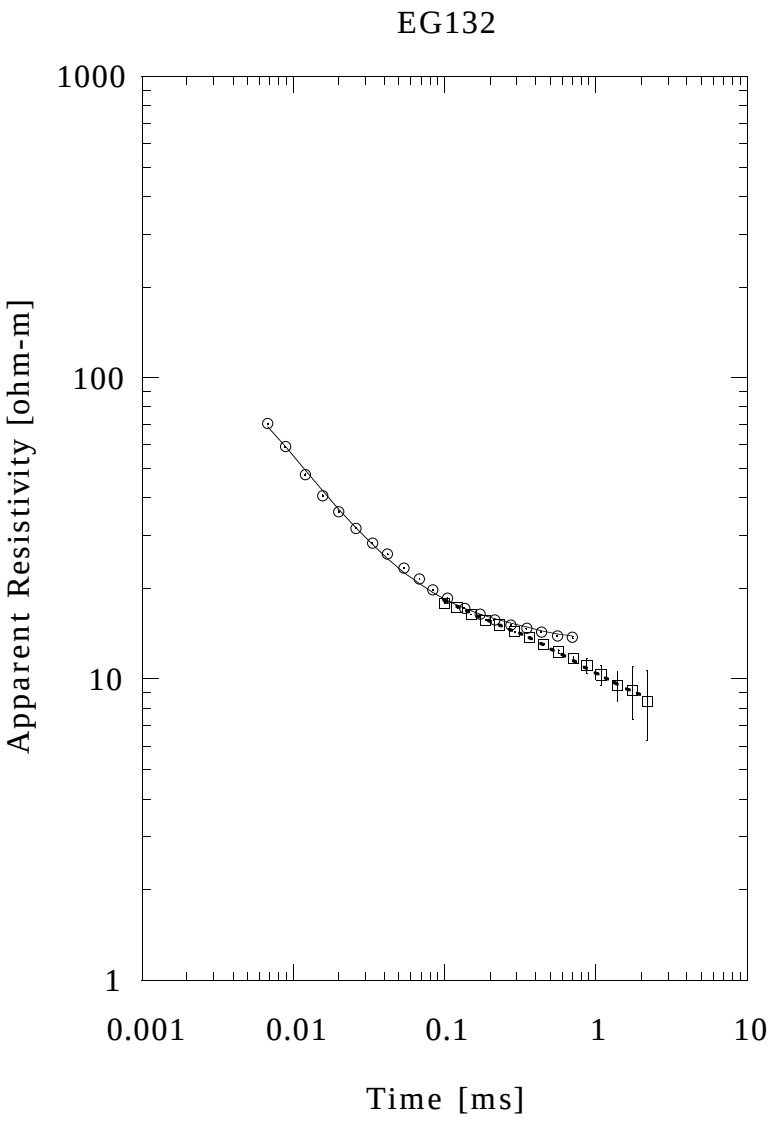

EG129
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

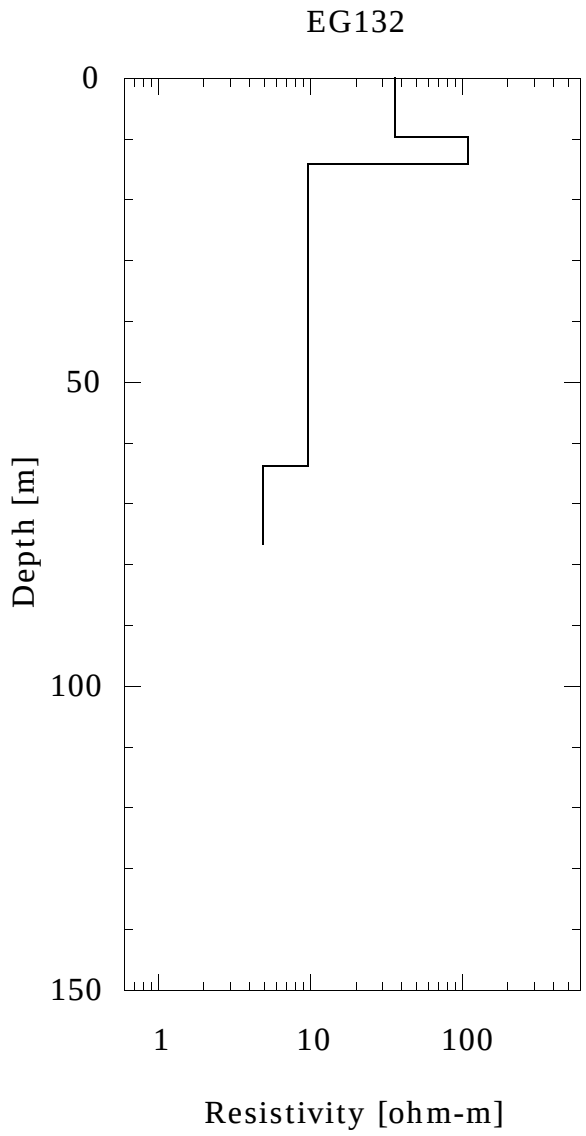

EG130
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

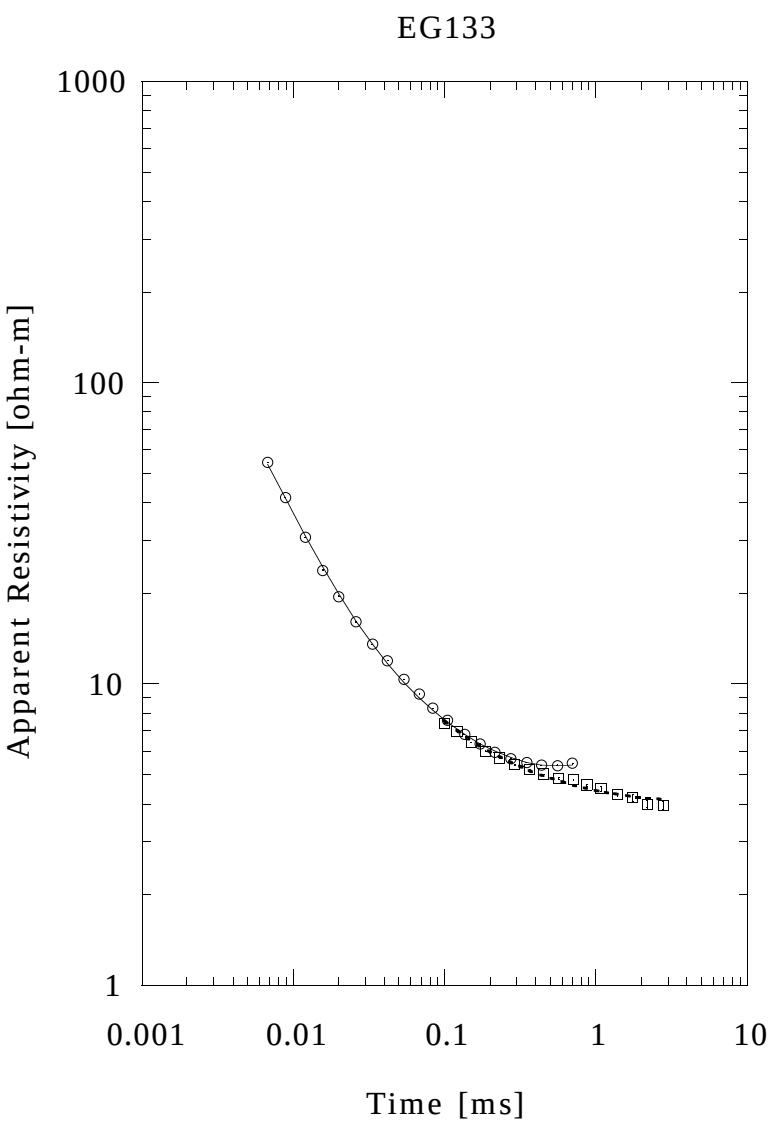

EG130
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

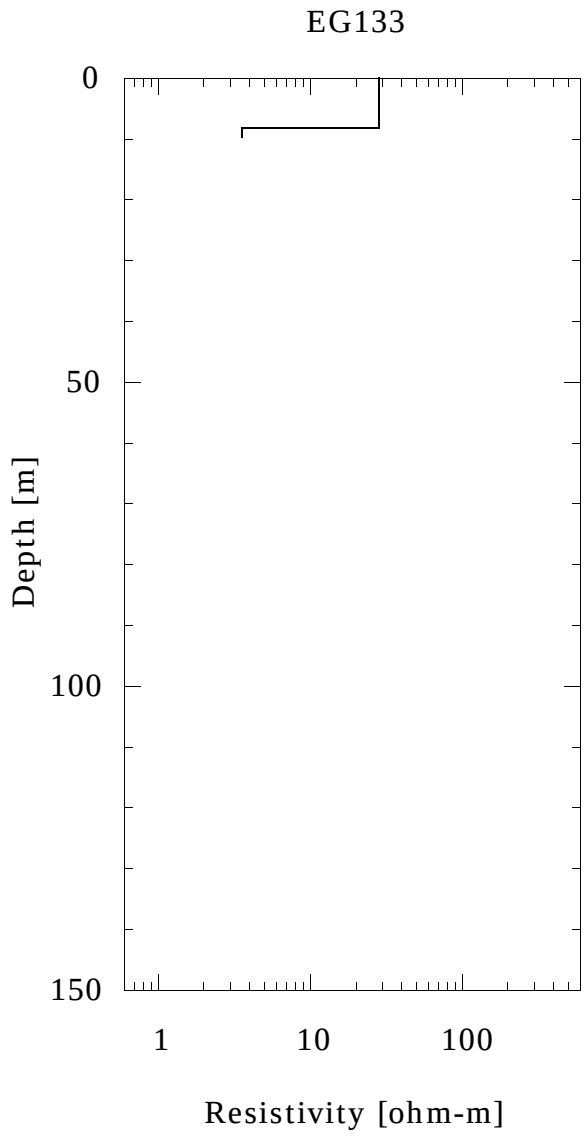

EG131
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

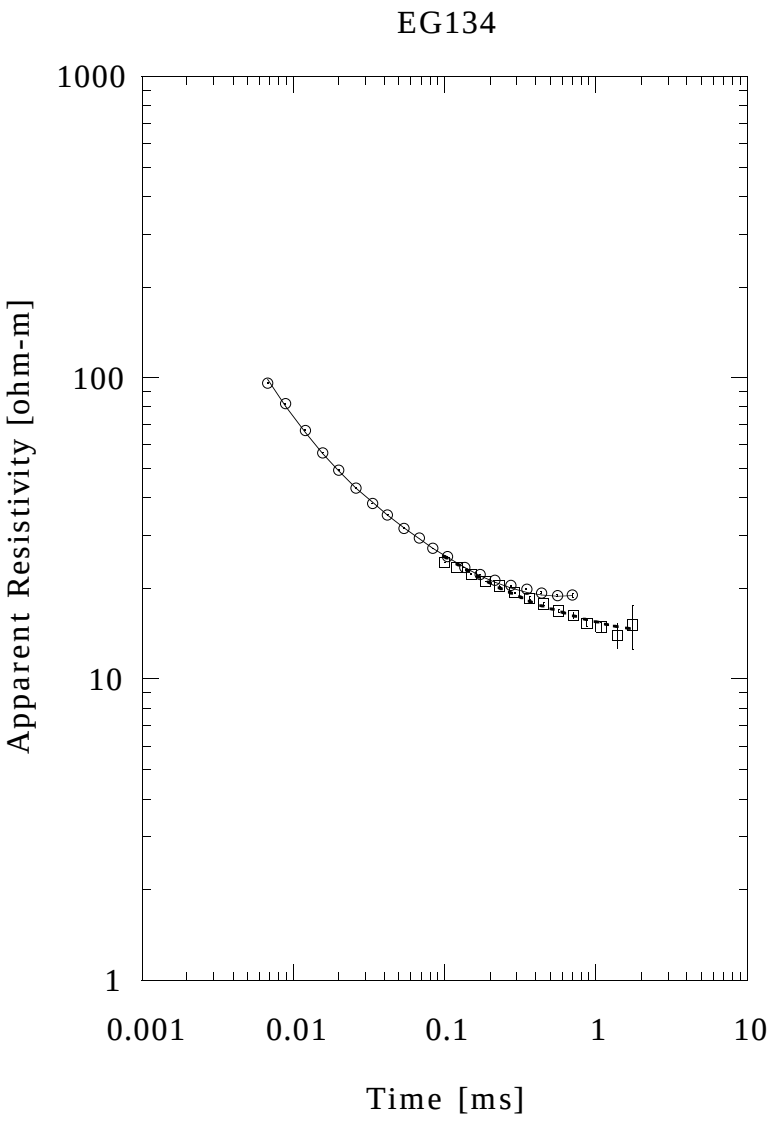

EG131
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

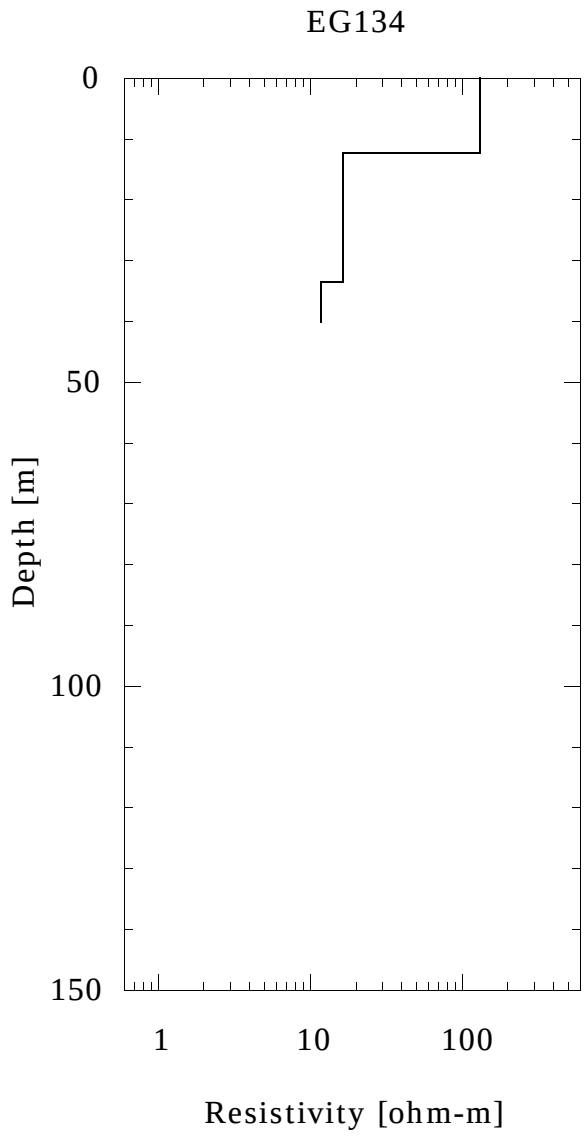

EG132
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

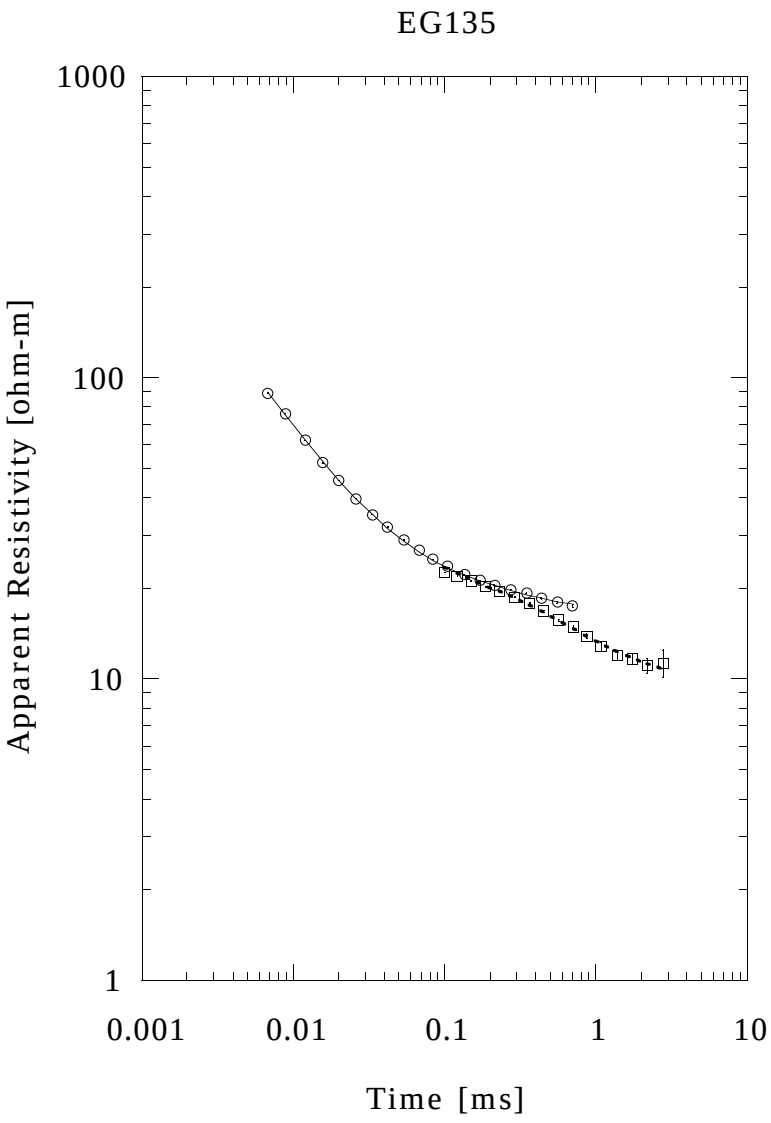

EG132
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

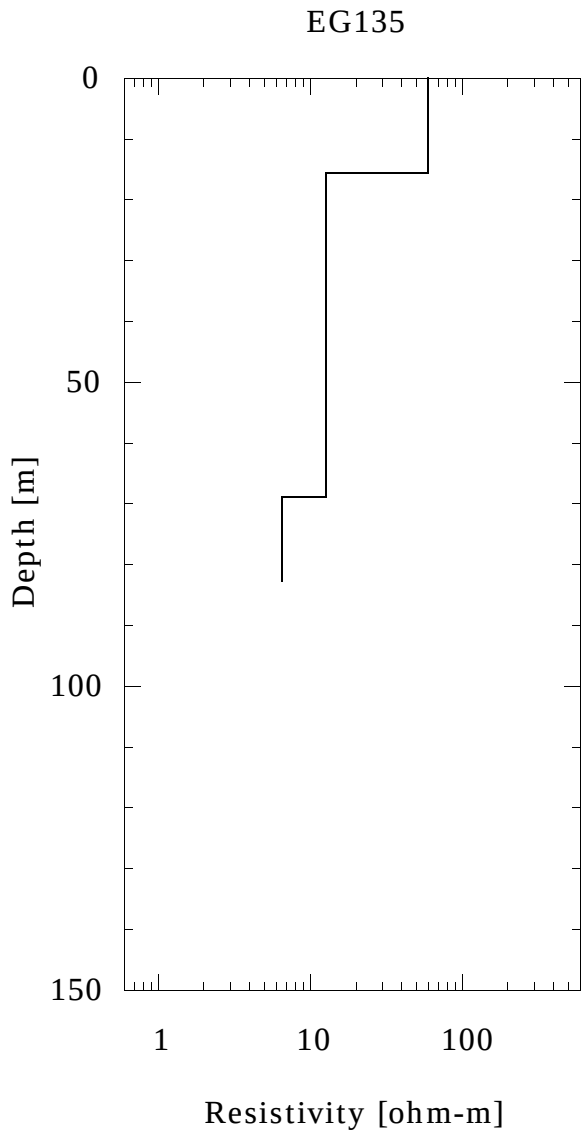

EG133
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

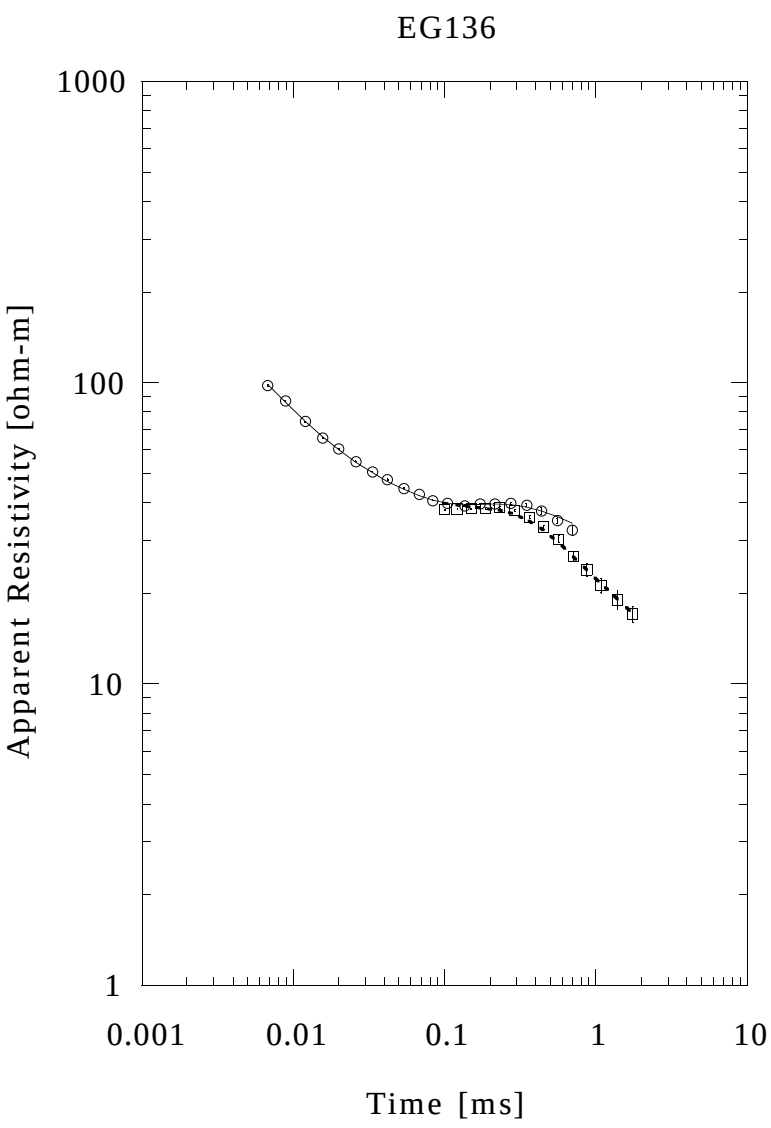

EG133
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

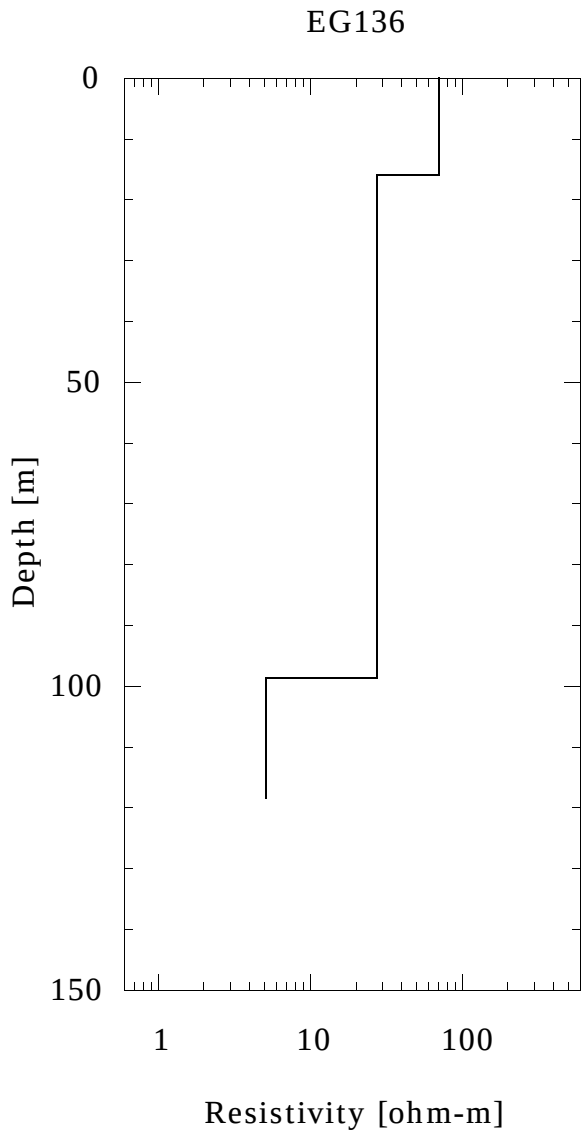

EG134
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

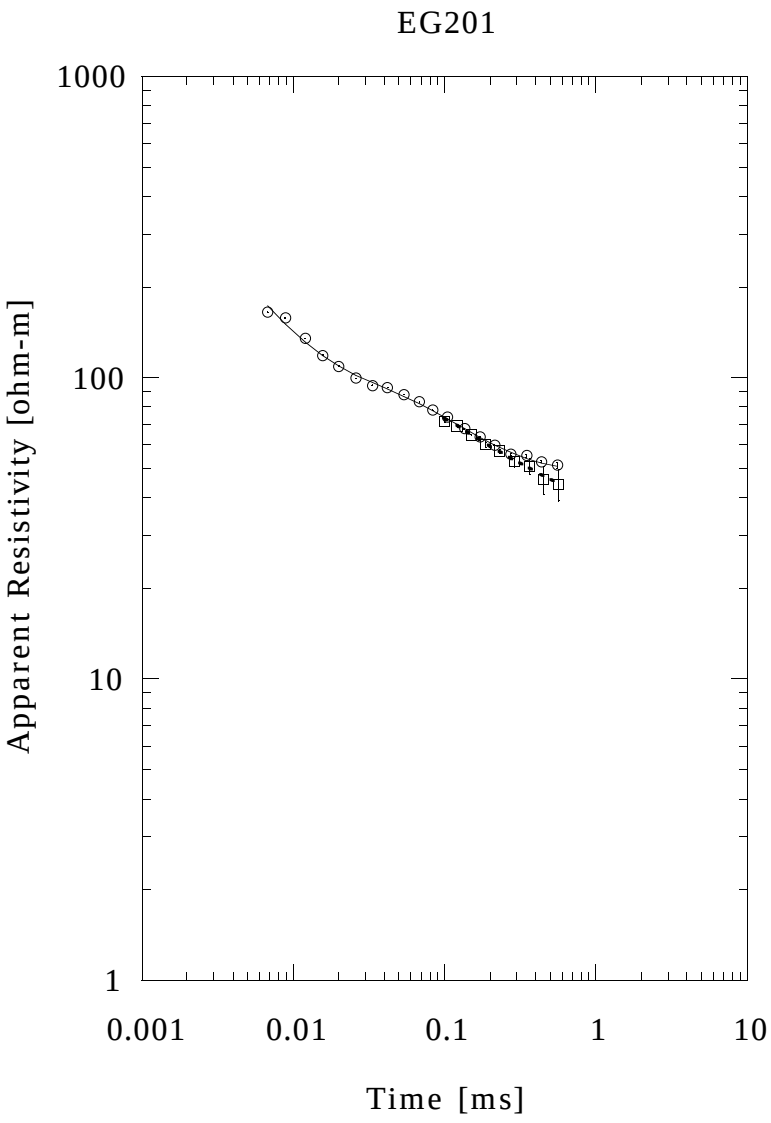

EG134
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

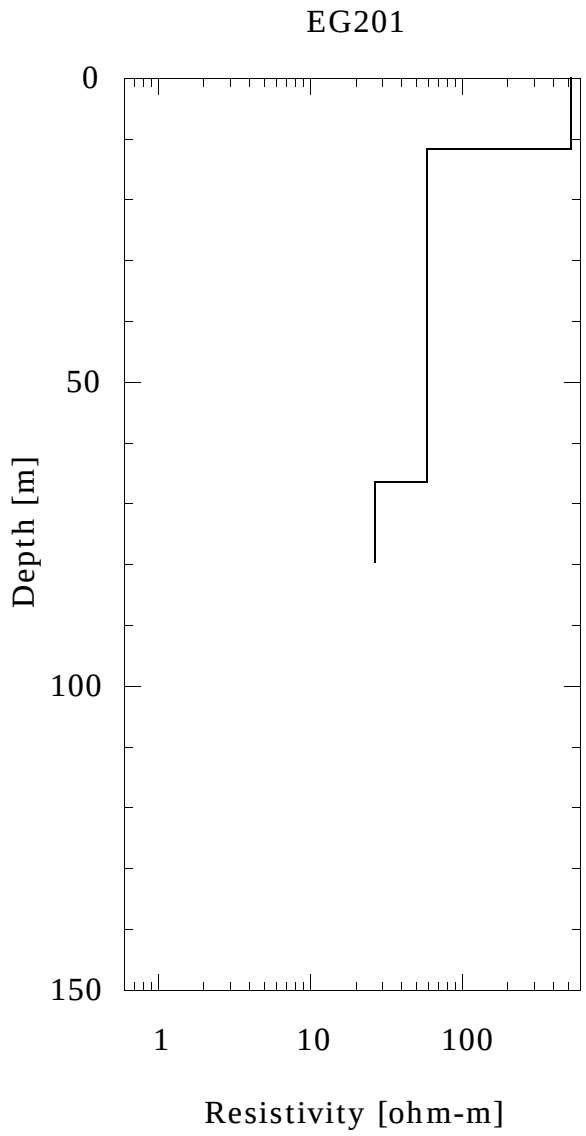

EG135
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

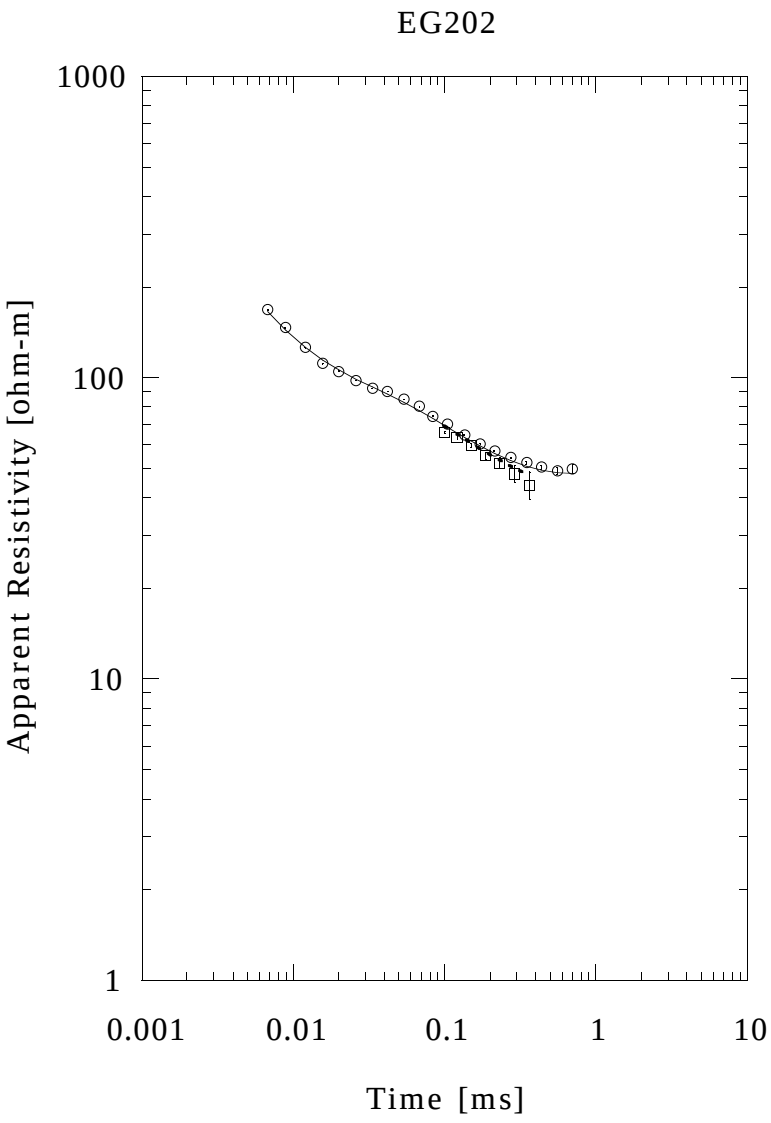

EG135
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

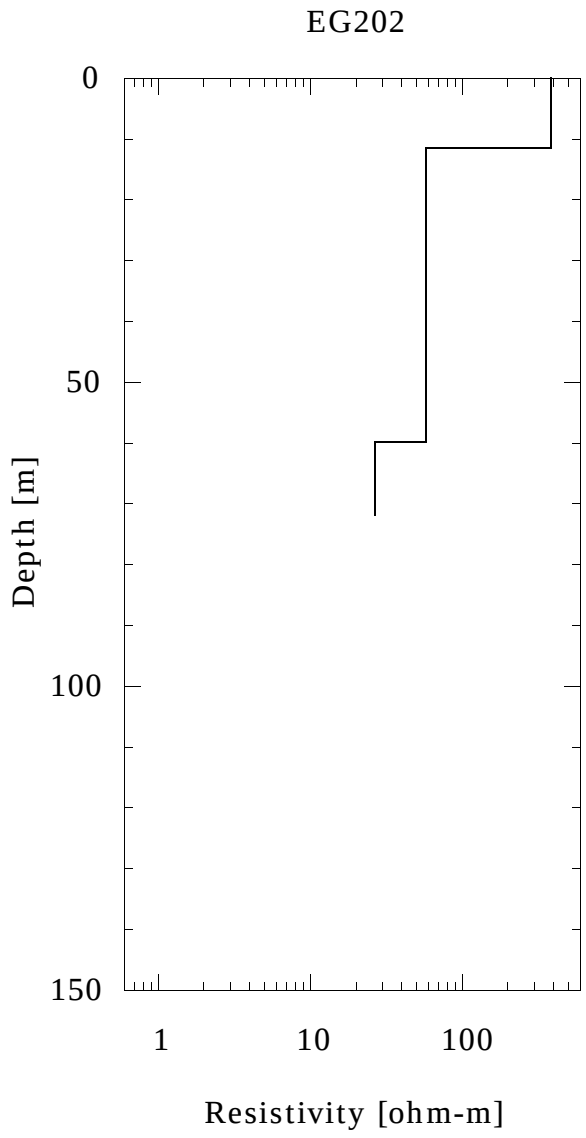

EG136
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

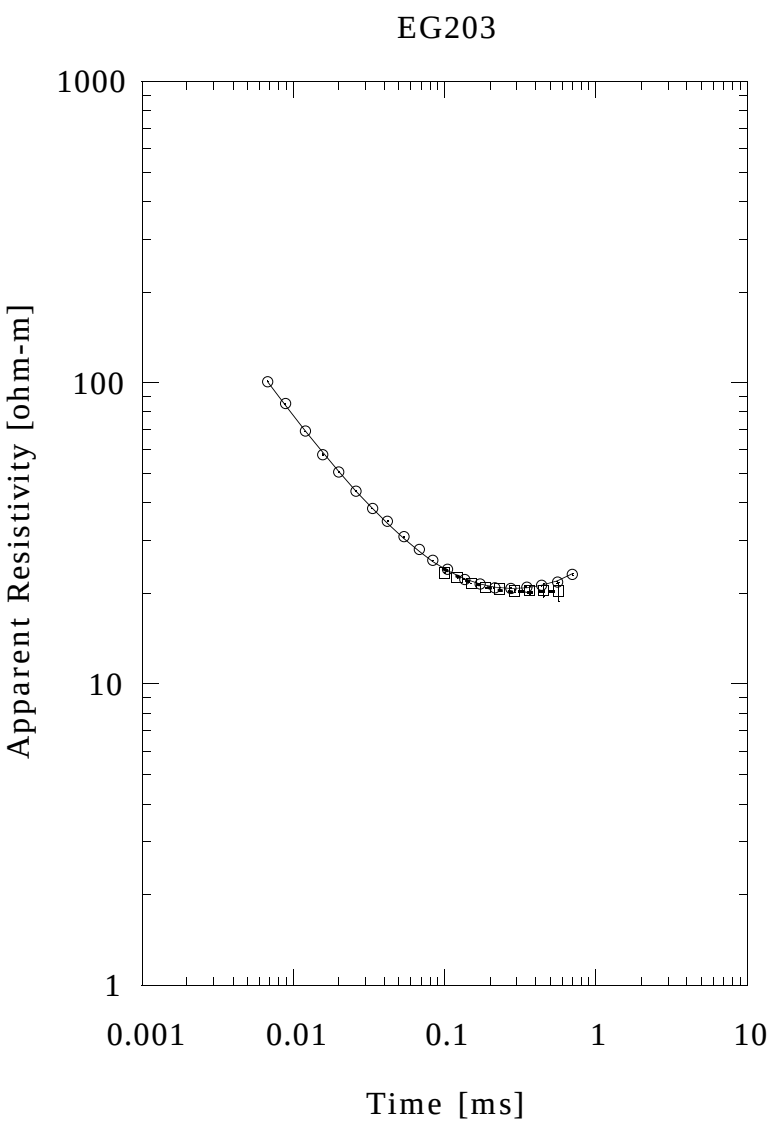

EG136
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

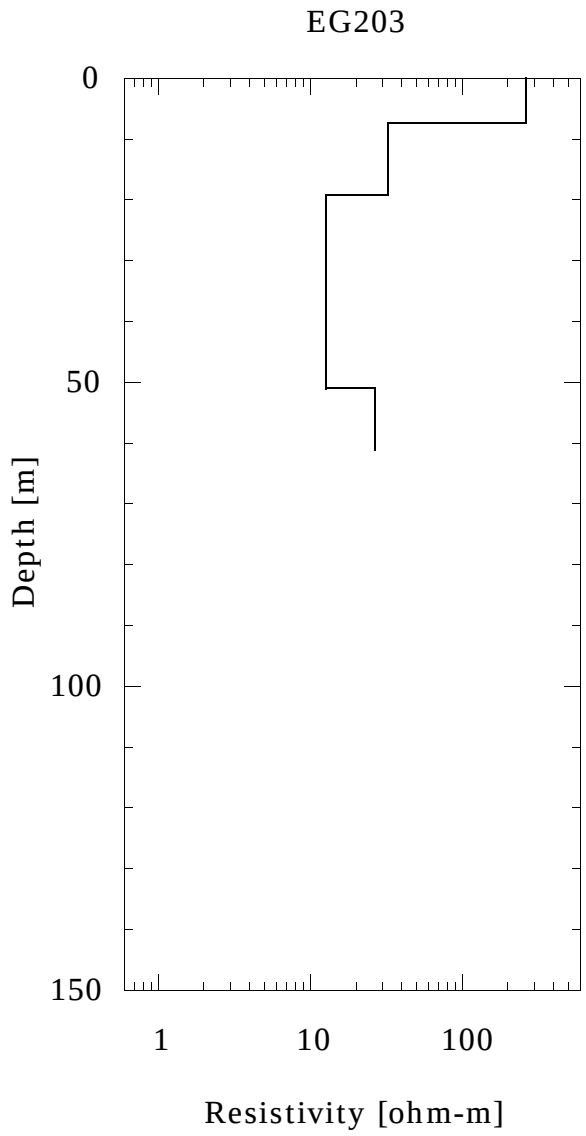

EG201
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

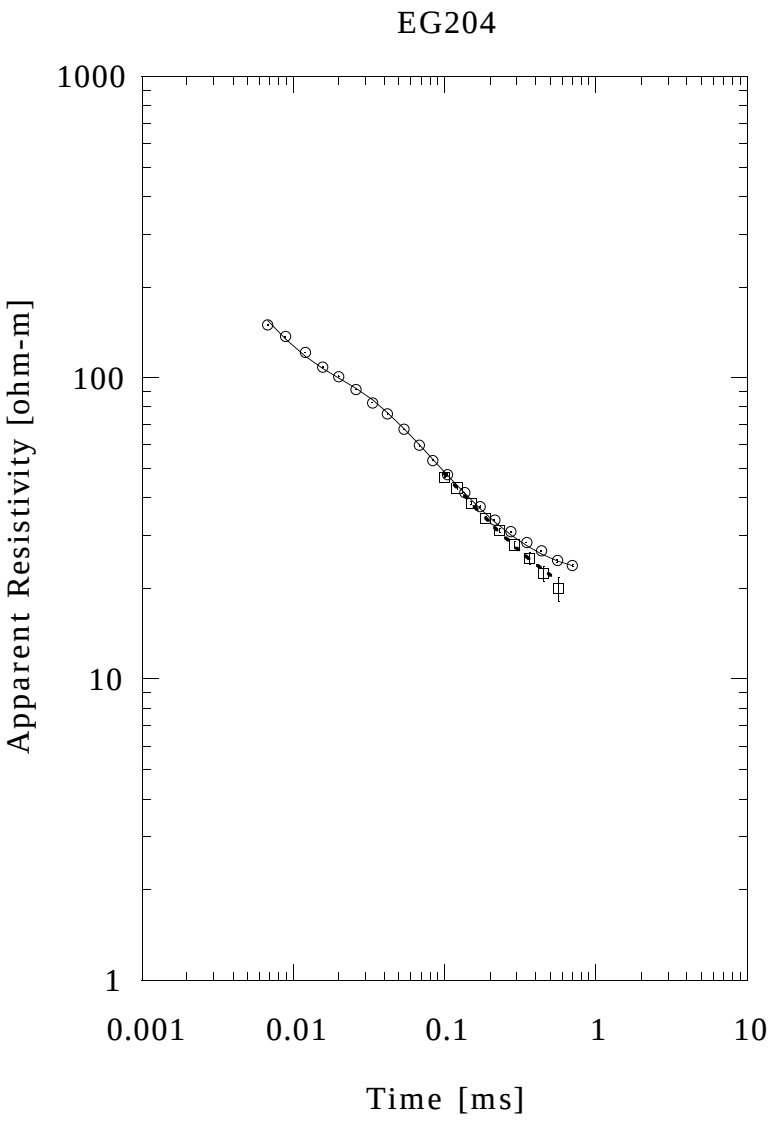

EG201
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

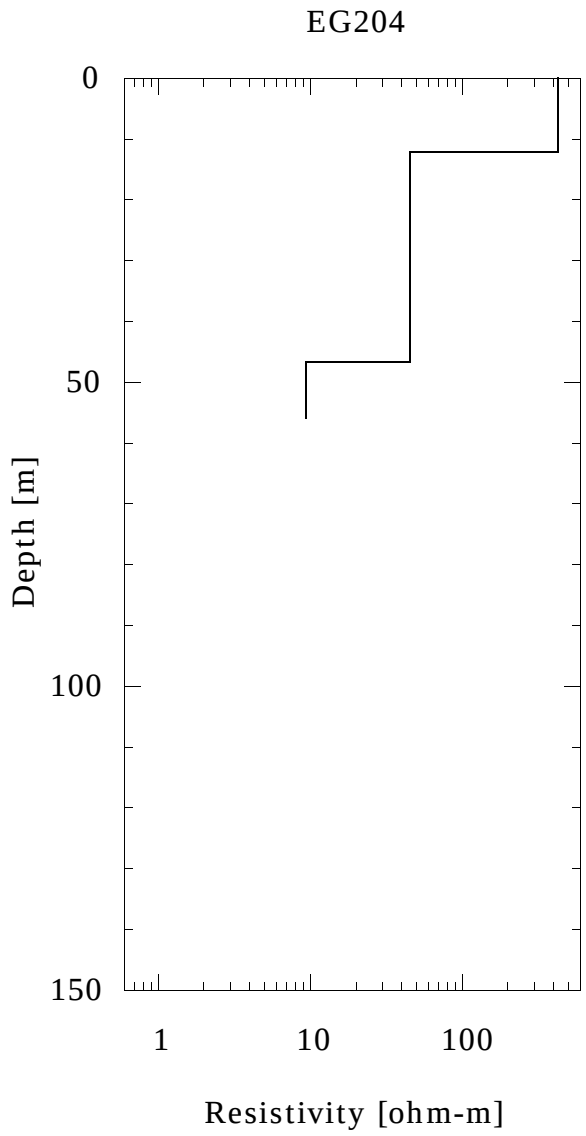

EG202
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

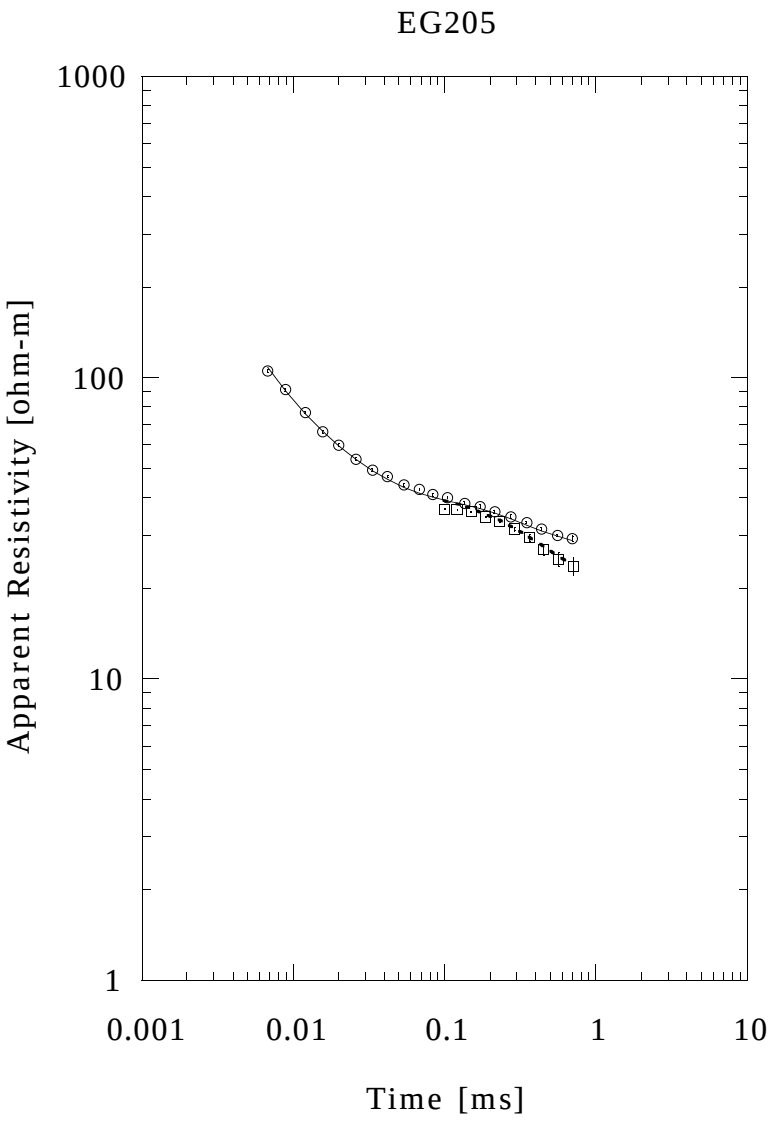

EG202
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

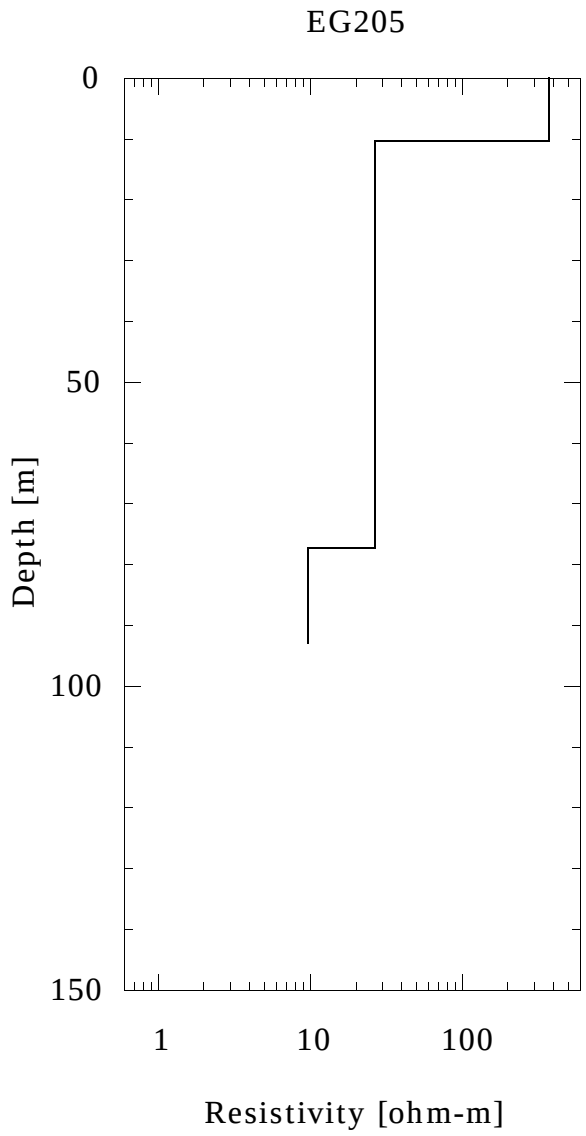

EG203
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

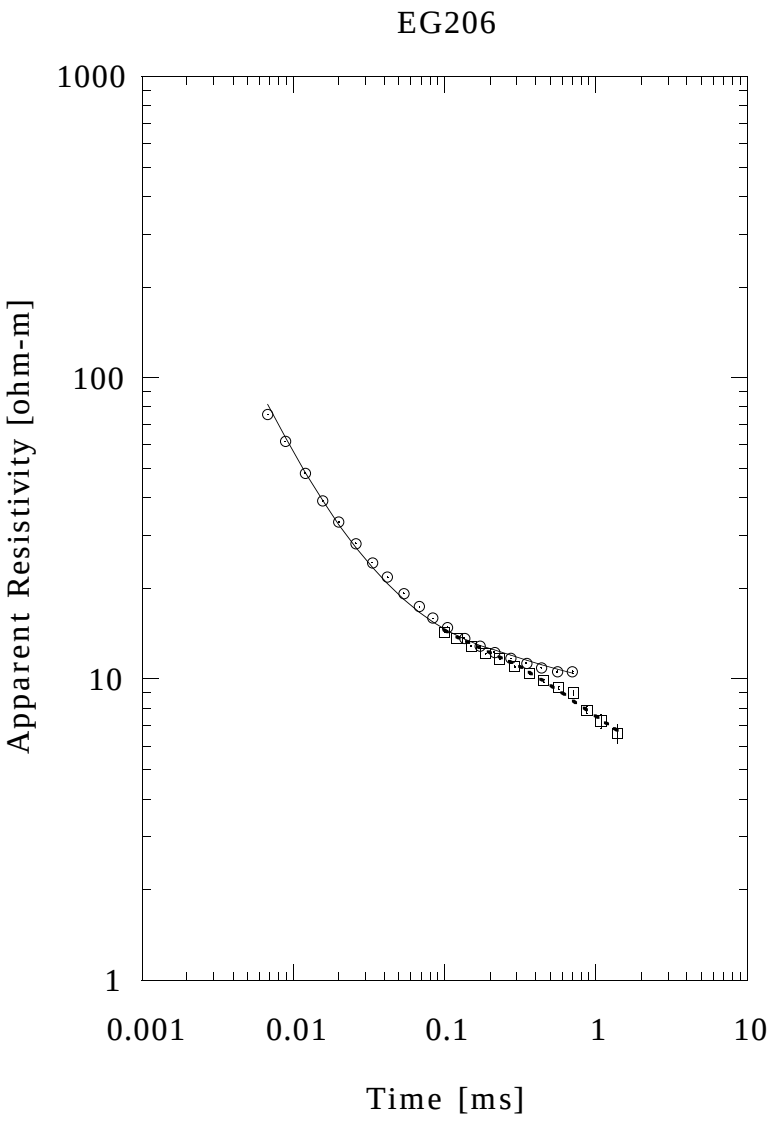

EG203
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

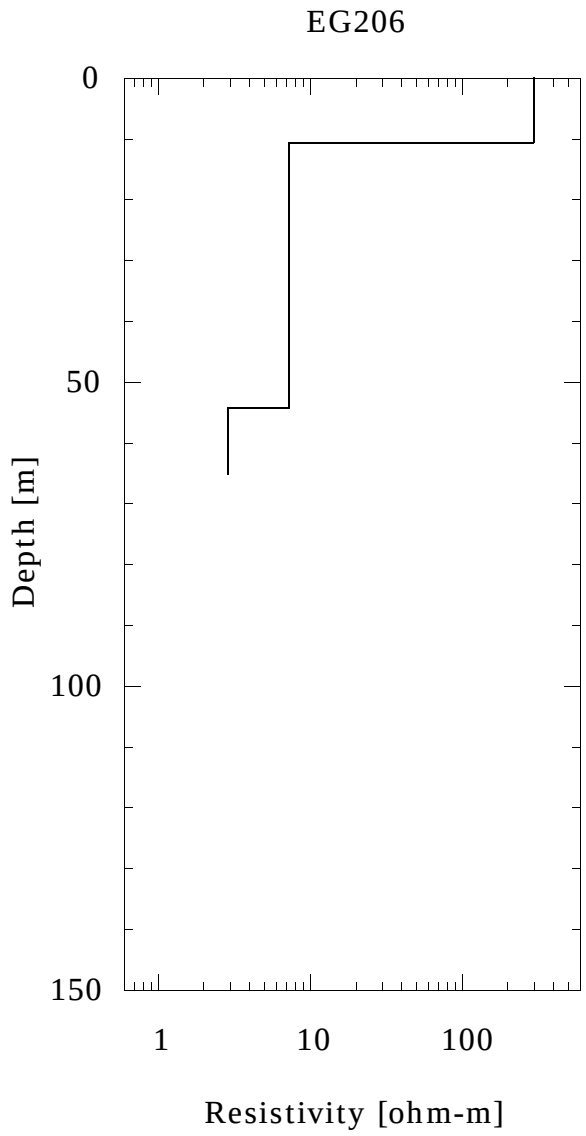

EG204
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

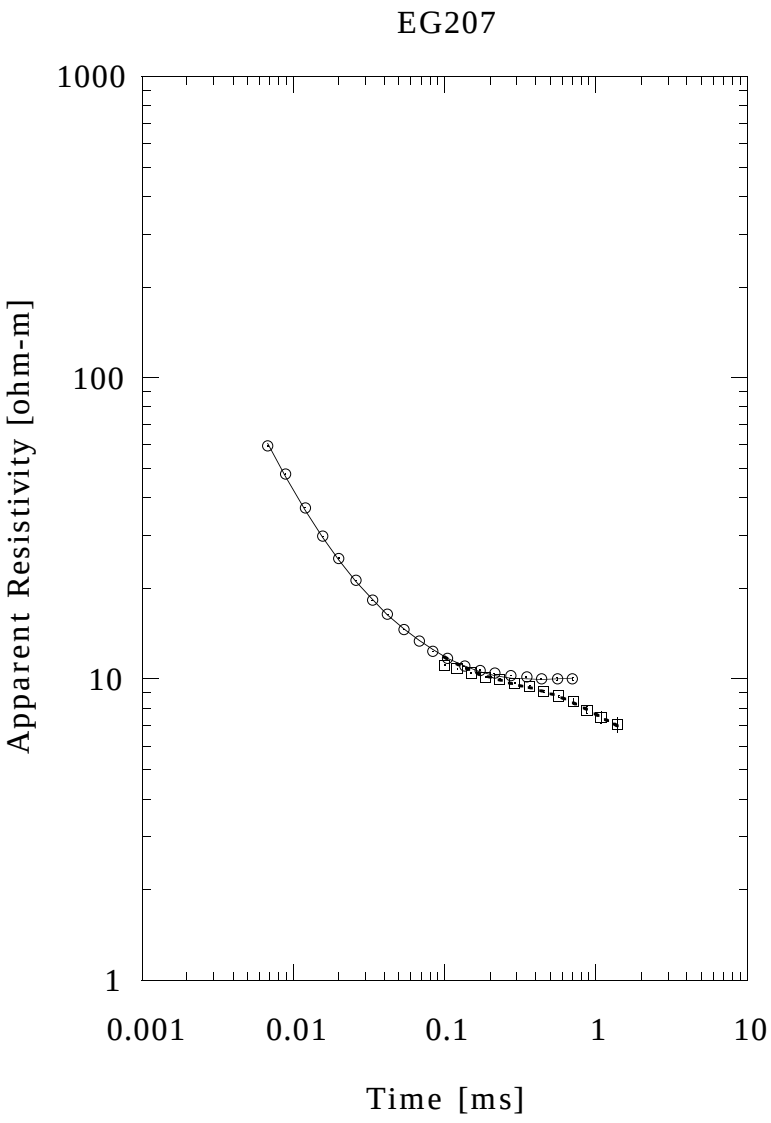

EG204
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

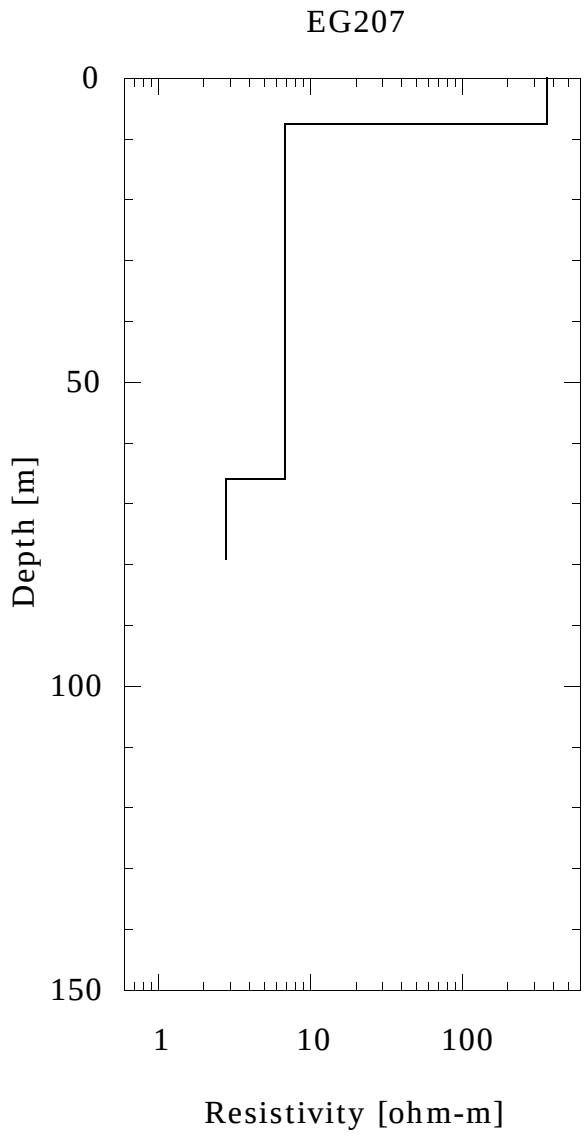

EG205
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

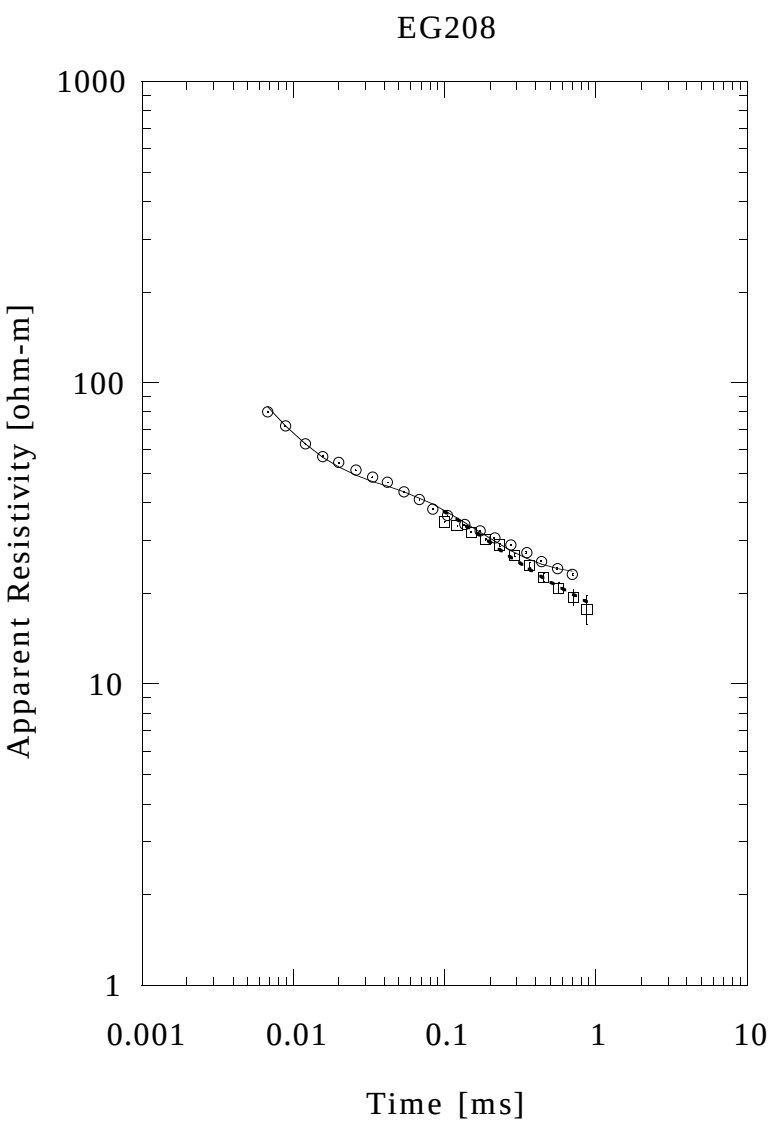

EG205
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

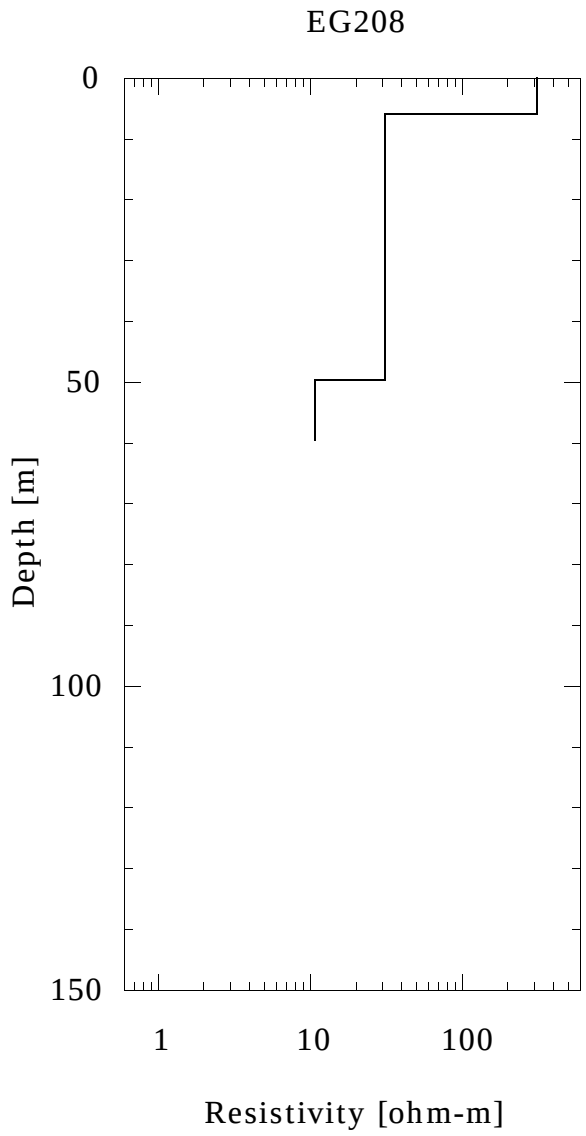

EG206
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

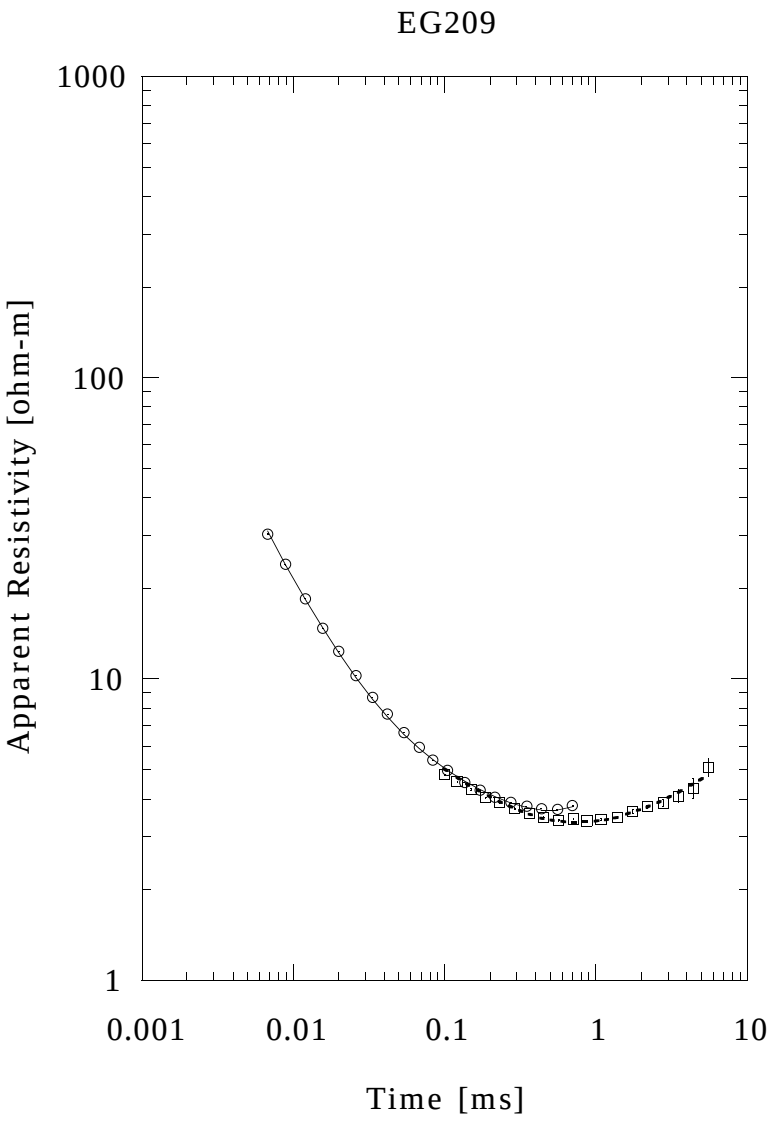

EG206
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

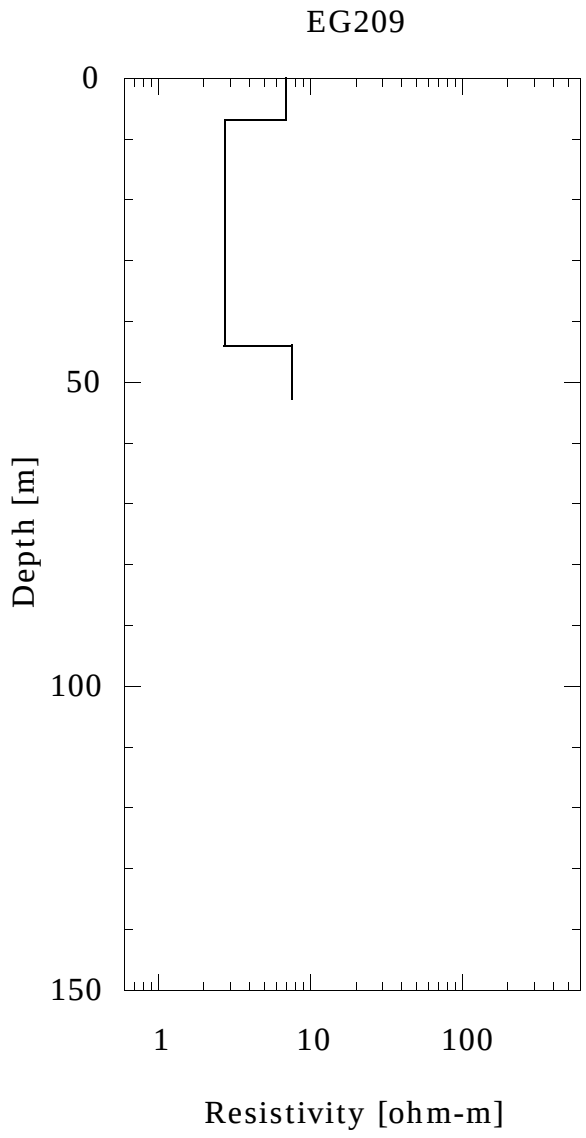

EG207
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

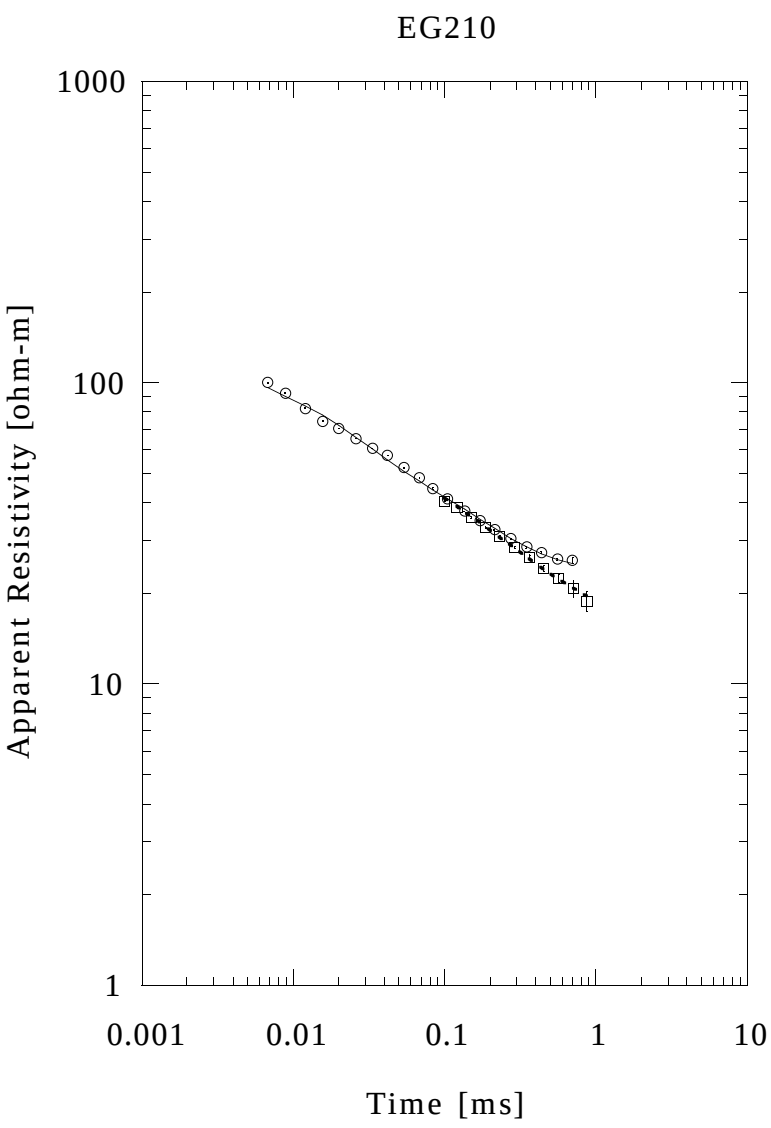

EG207
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

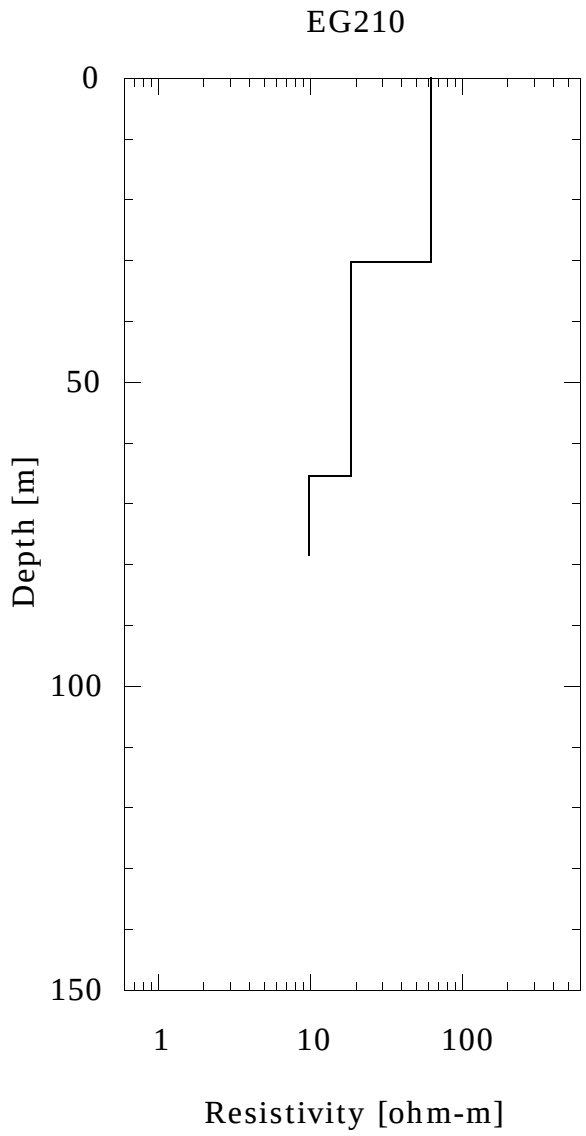

EG208
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

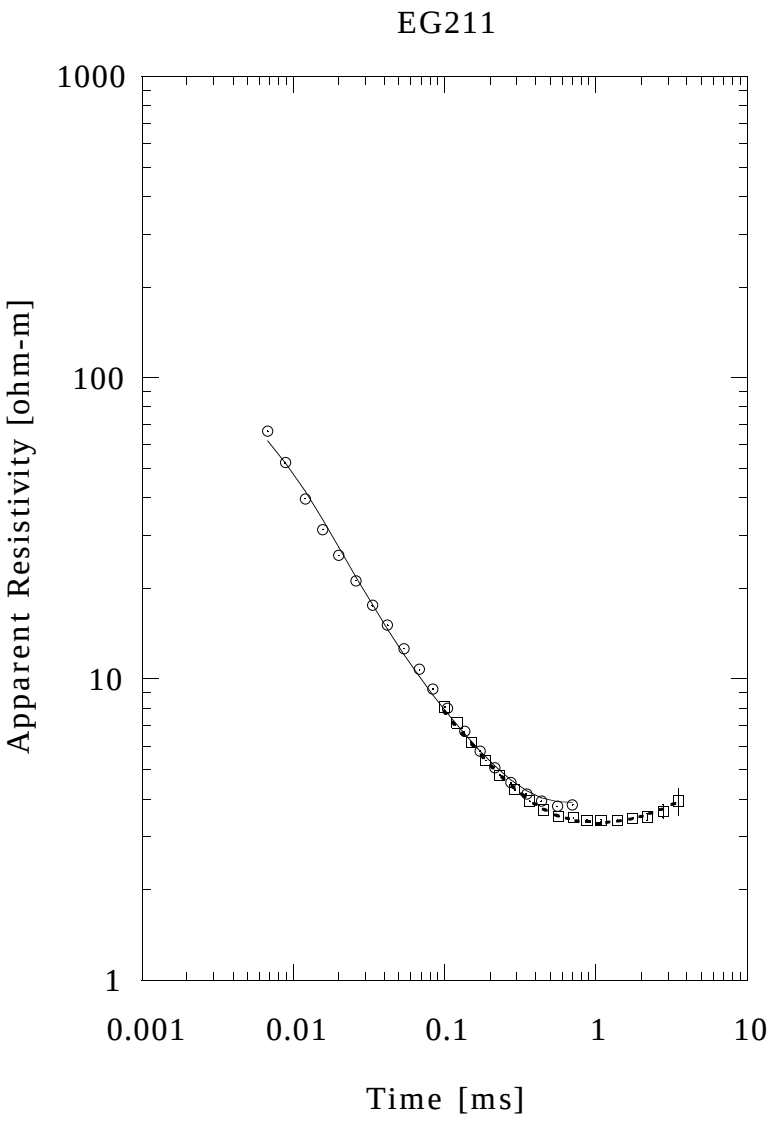

EG208
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

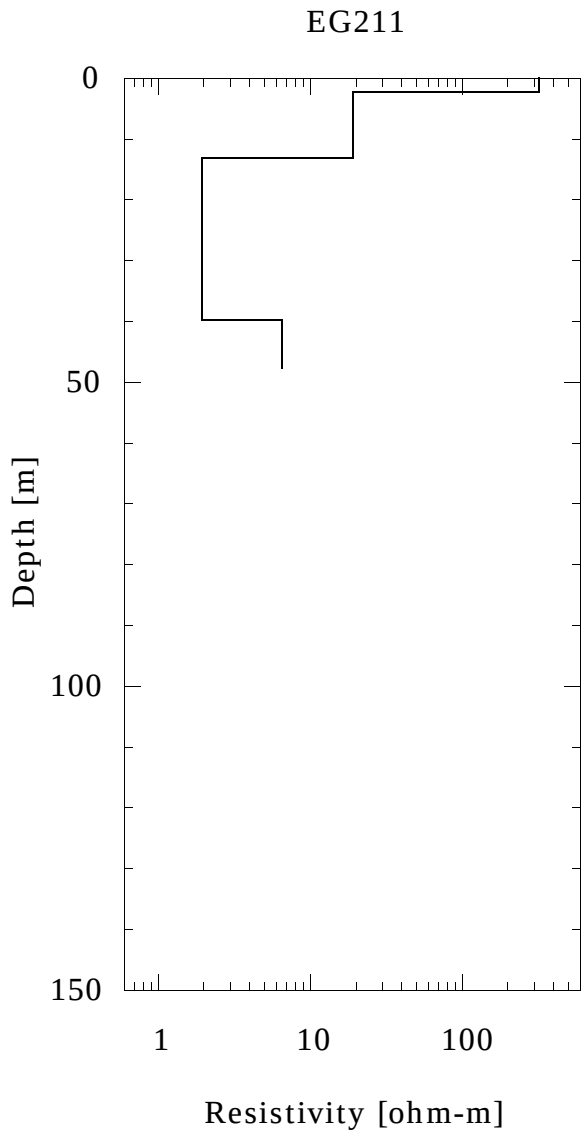

EG209
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

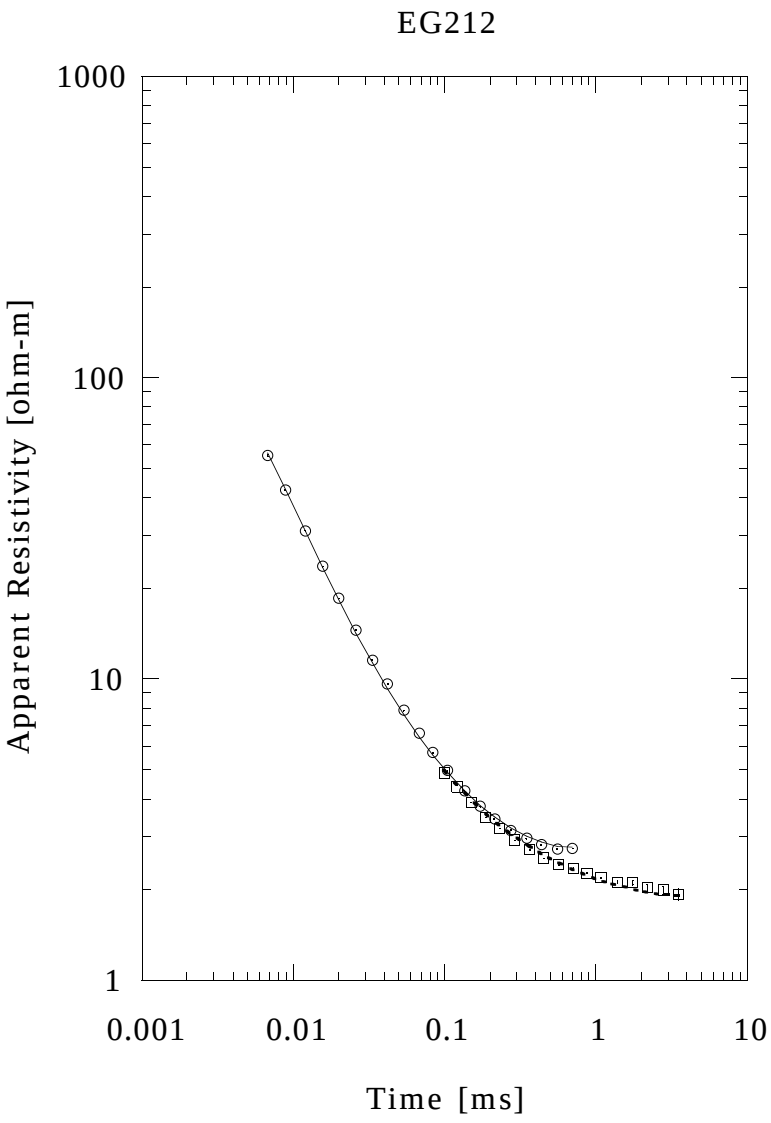

EG209
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

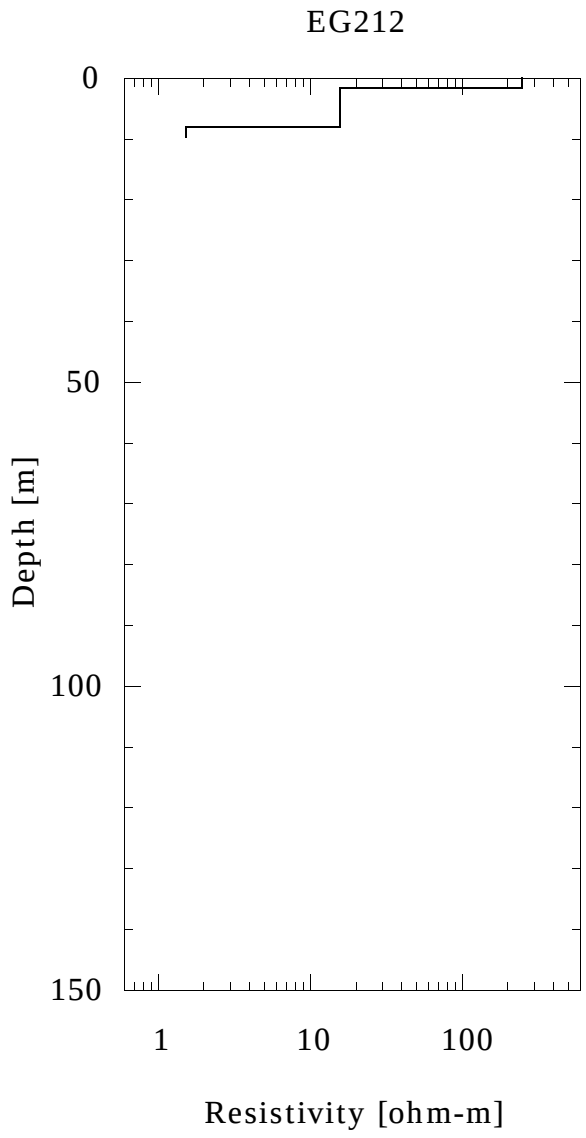

EG210
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

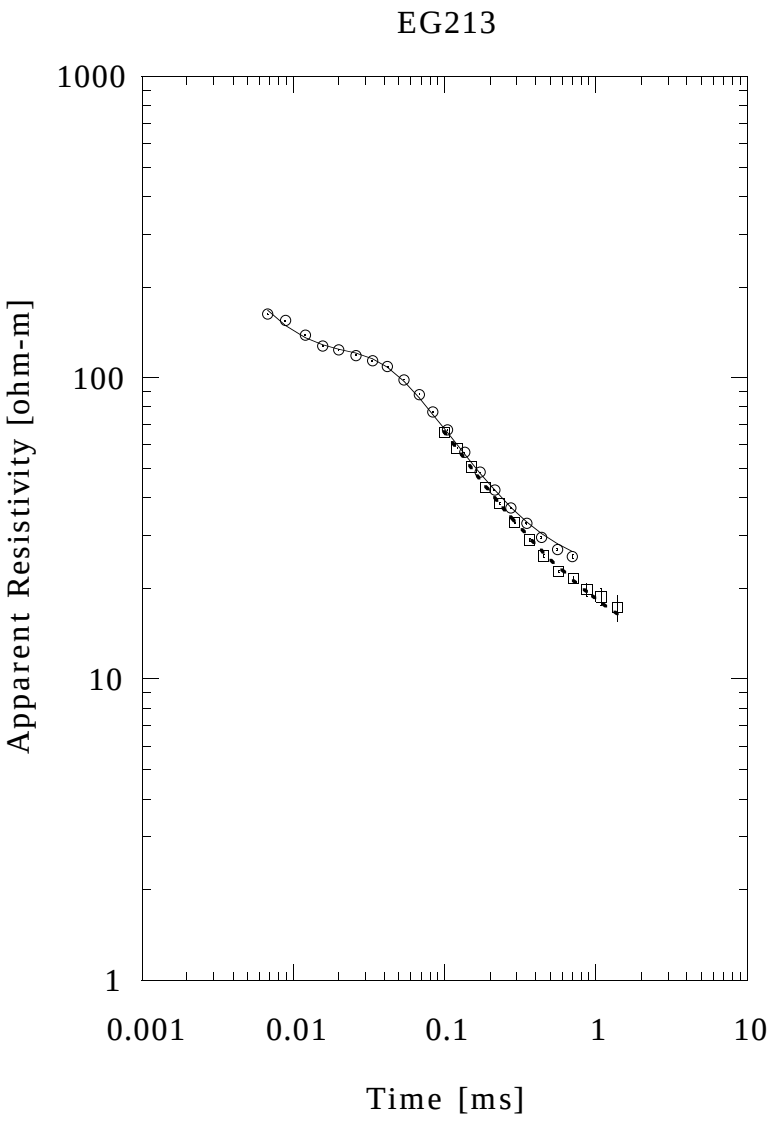

EG210
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

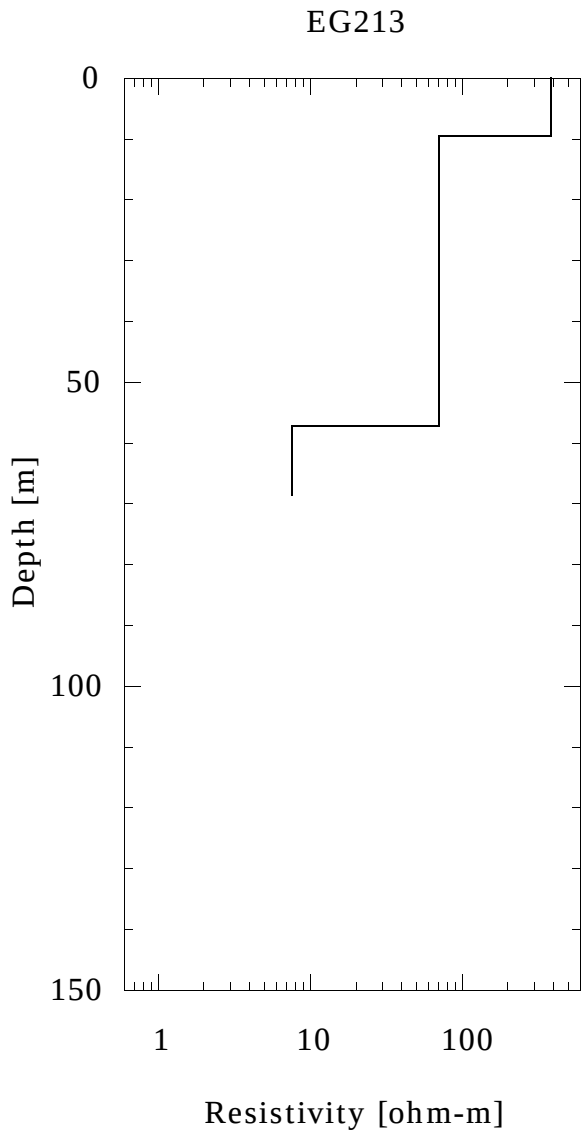

EG211
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

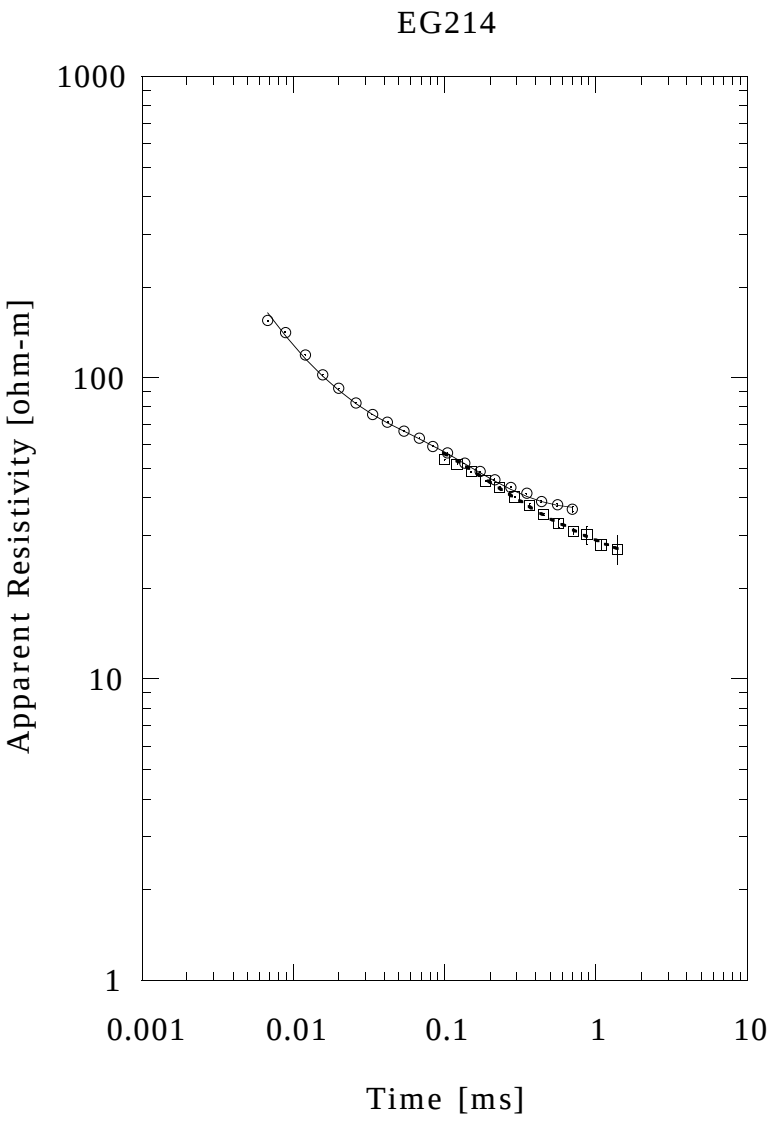

EG211
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

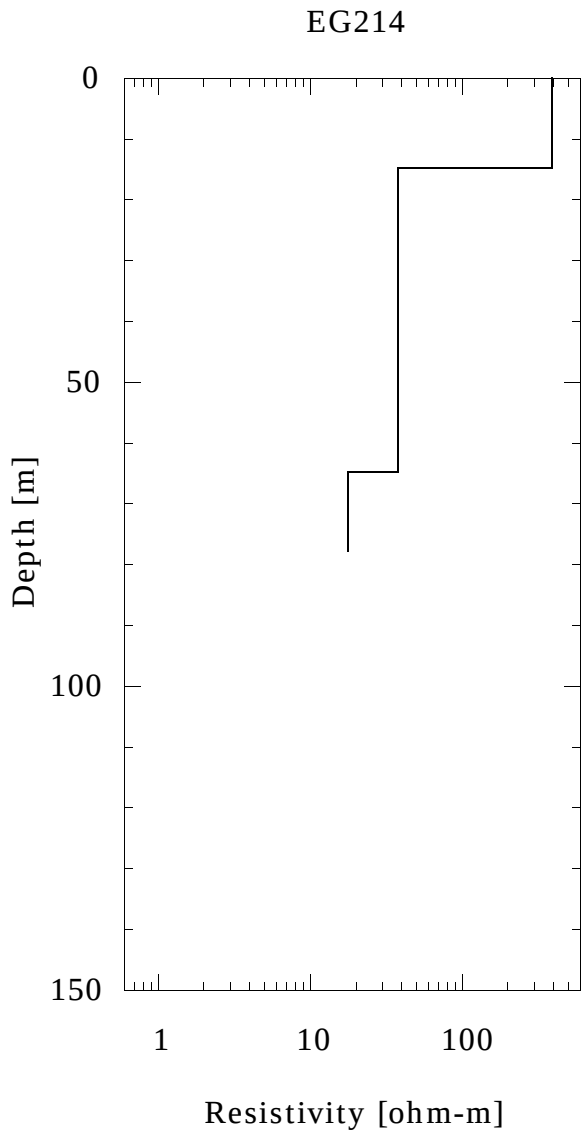

EG212
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

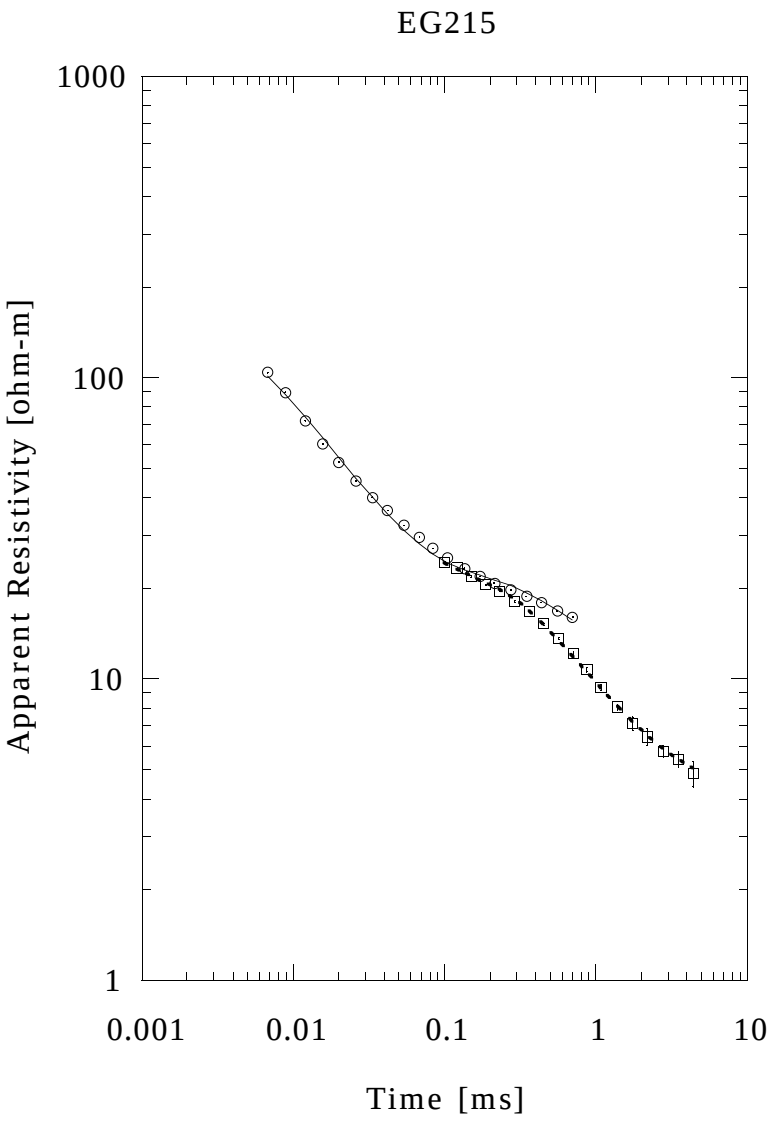

EG212
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

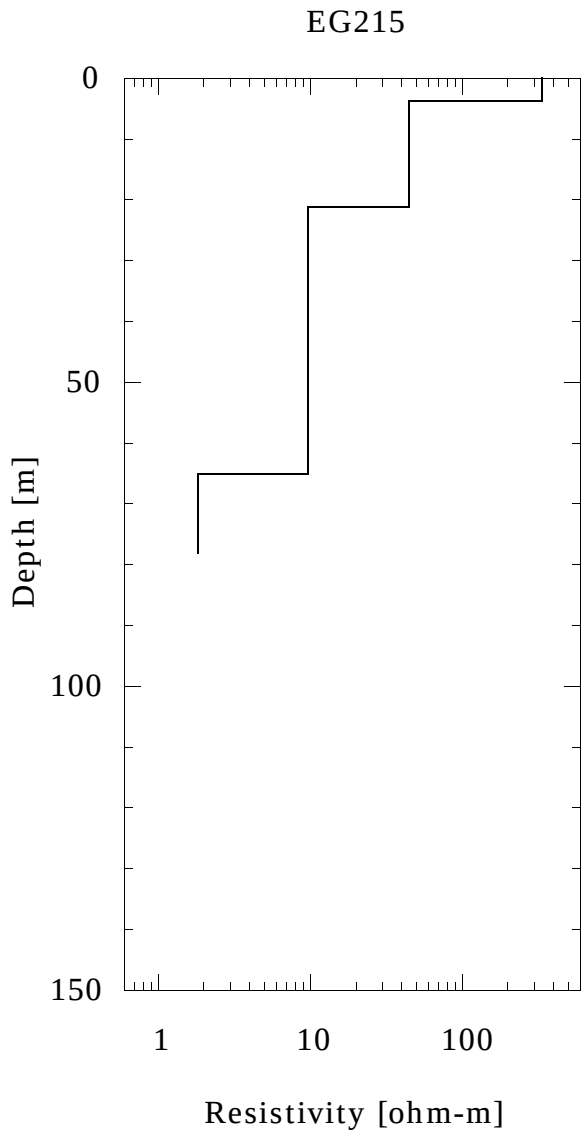

EG213
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

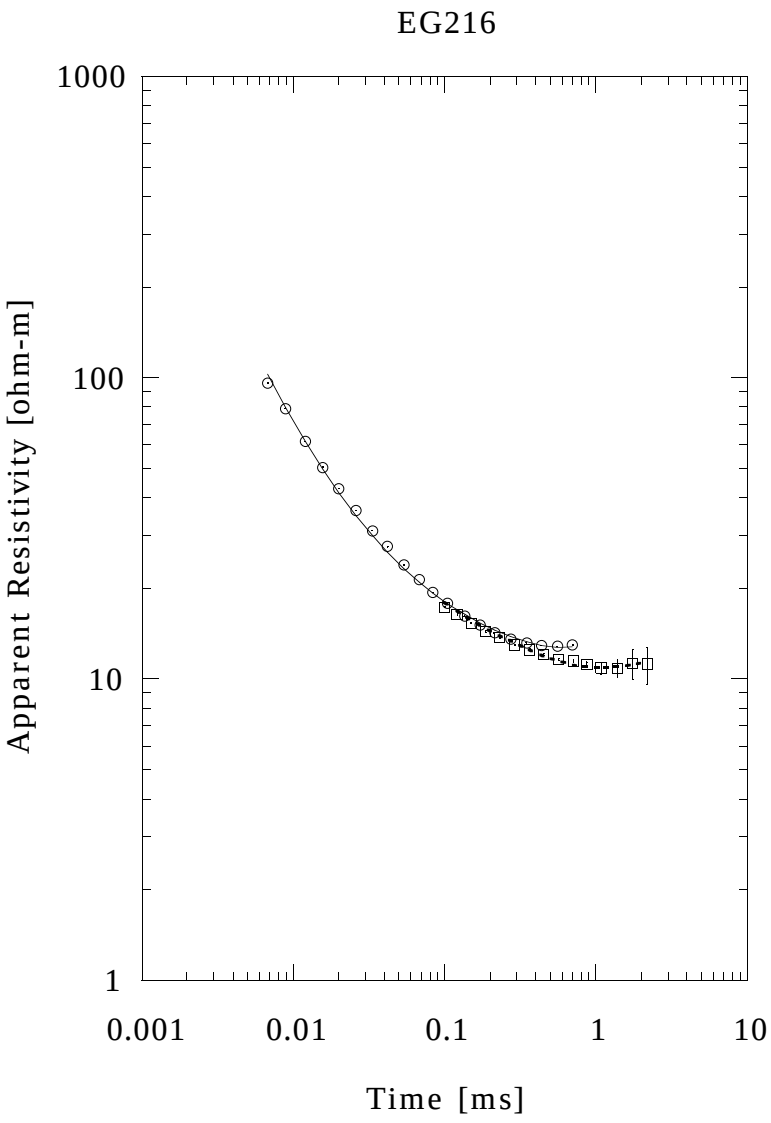

EG213
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

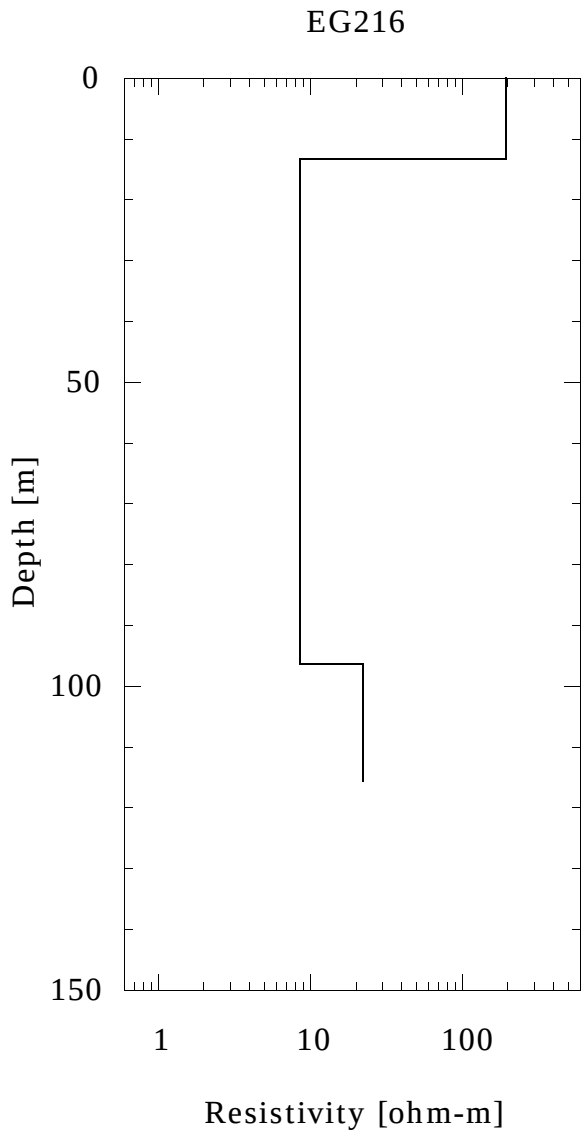

EG214
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

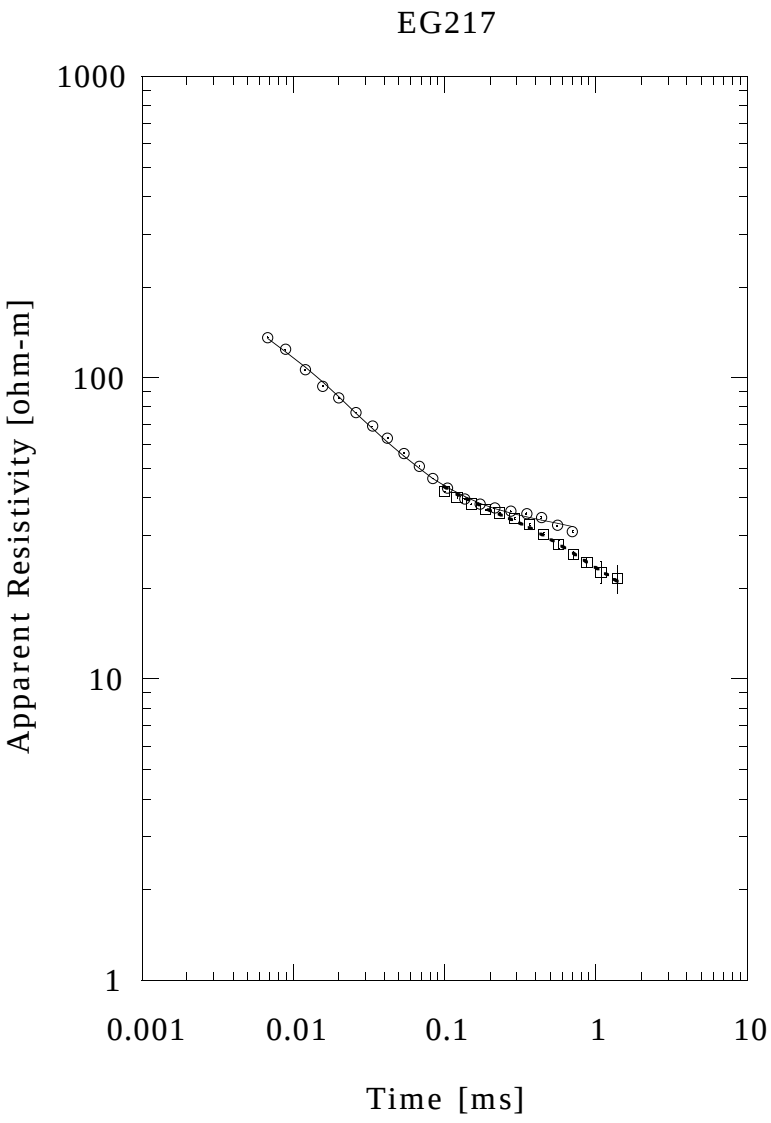

EG214
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

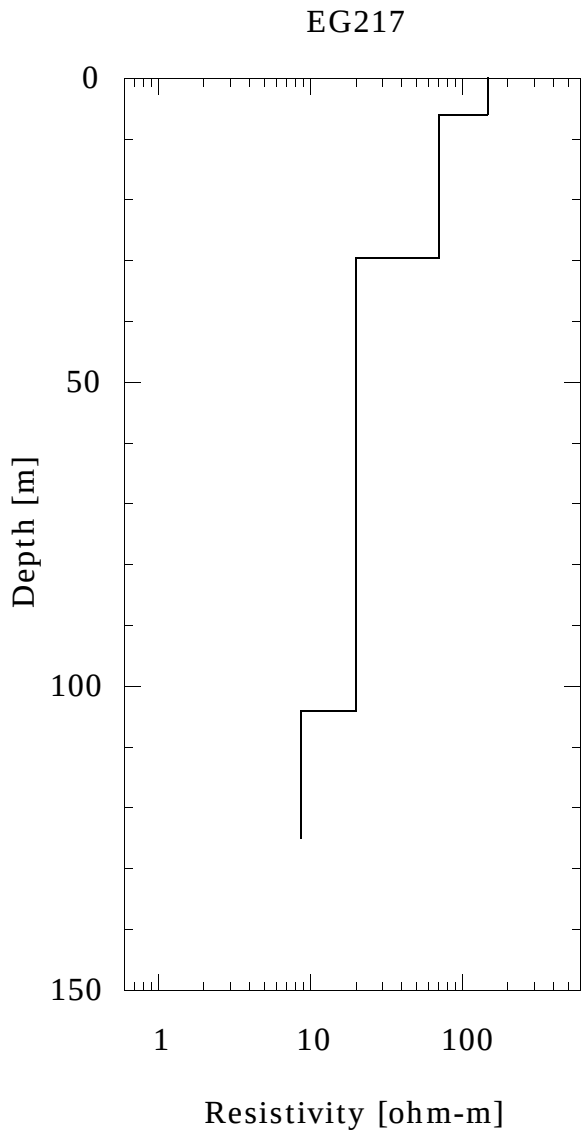

EG215
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

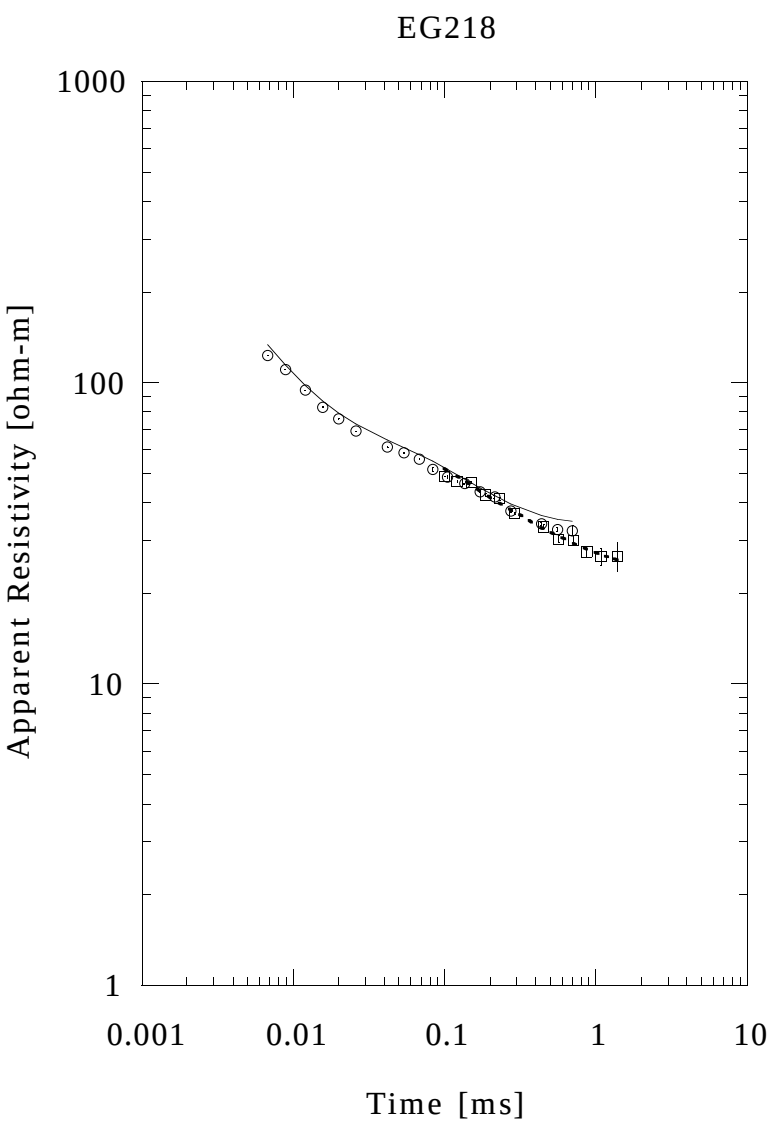

EG215
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

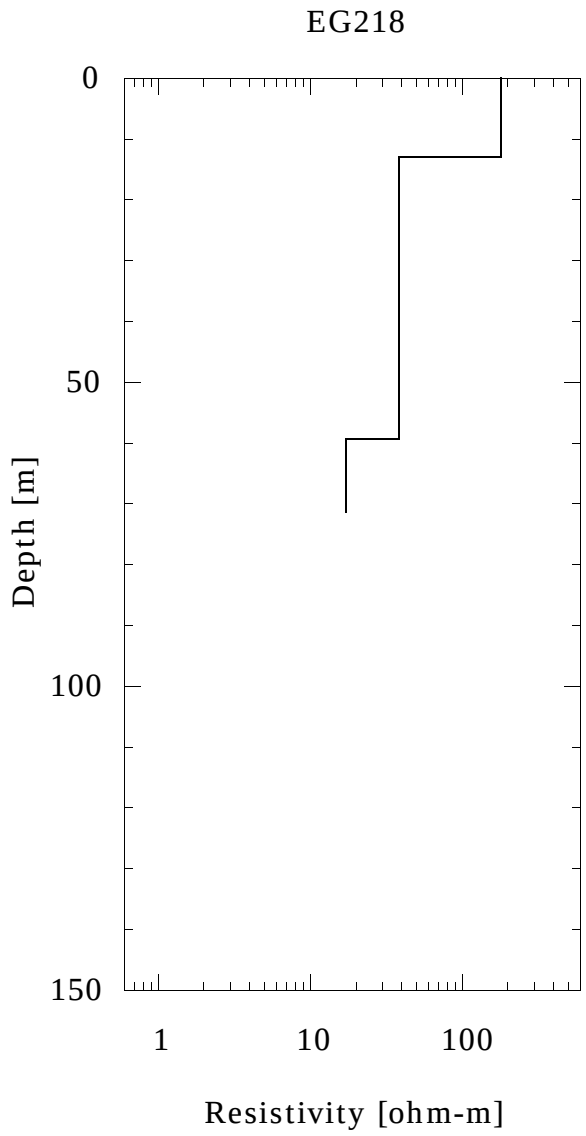

EG216
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

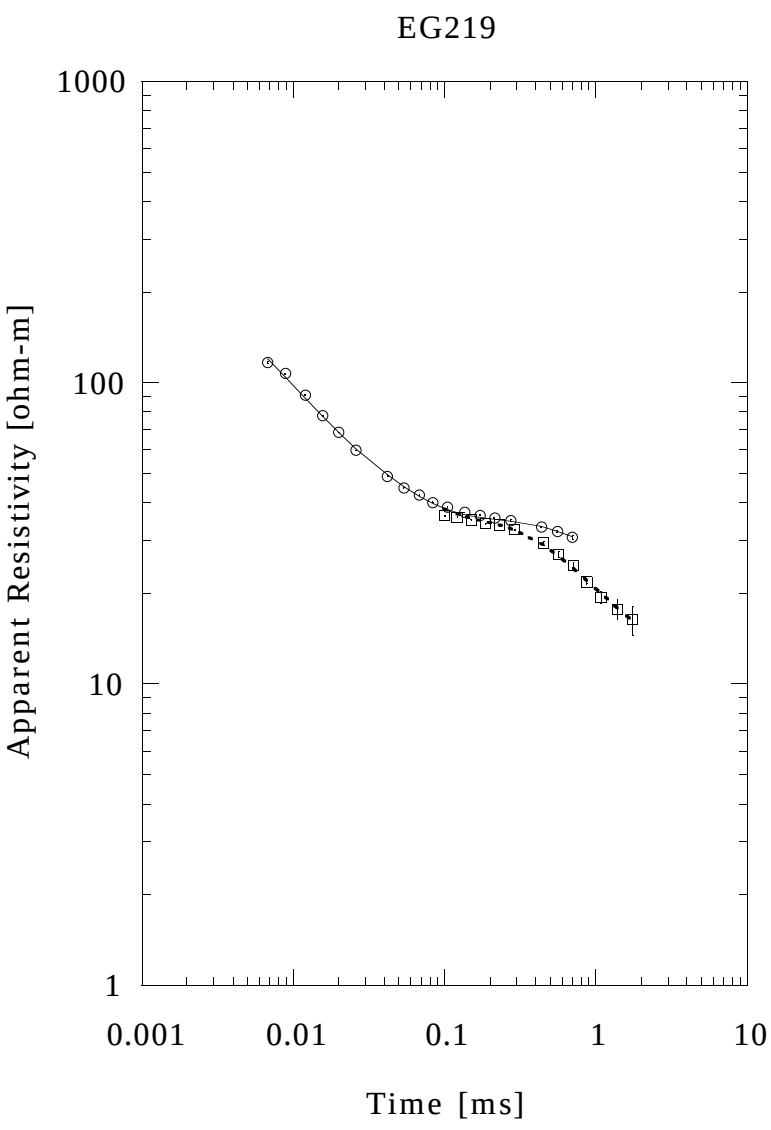

EG216
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

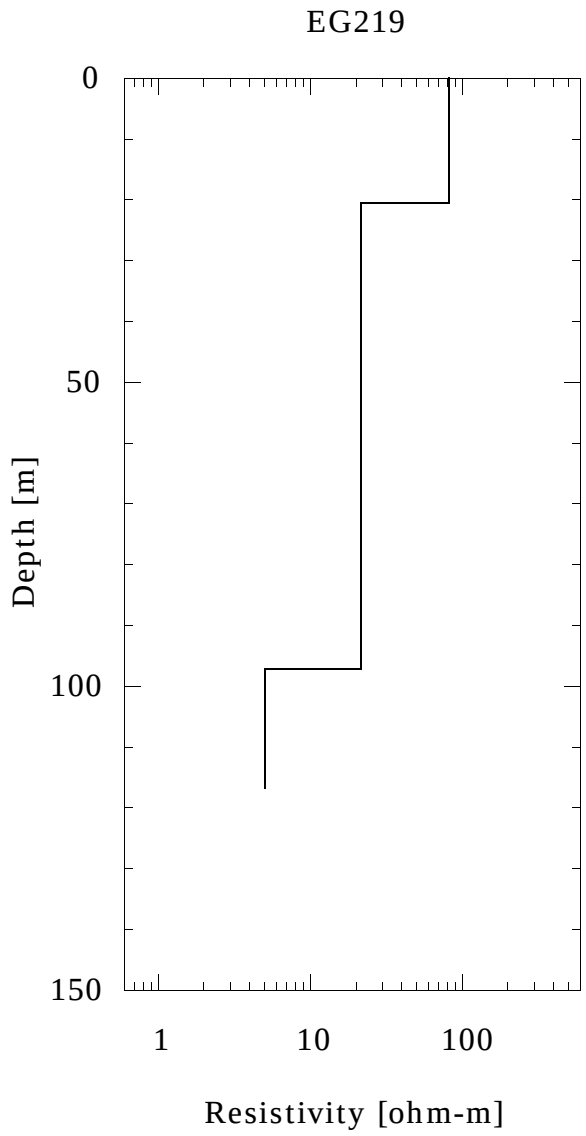

EG217
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

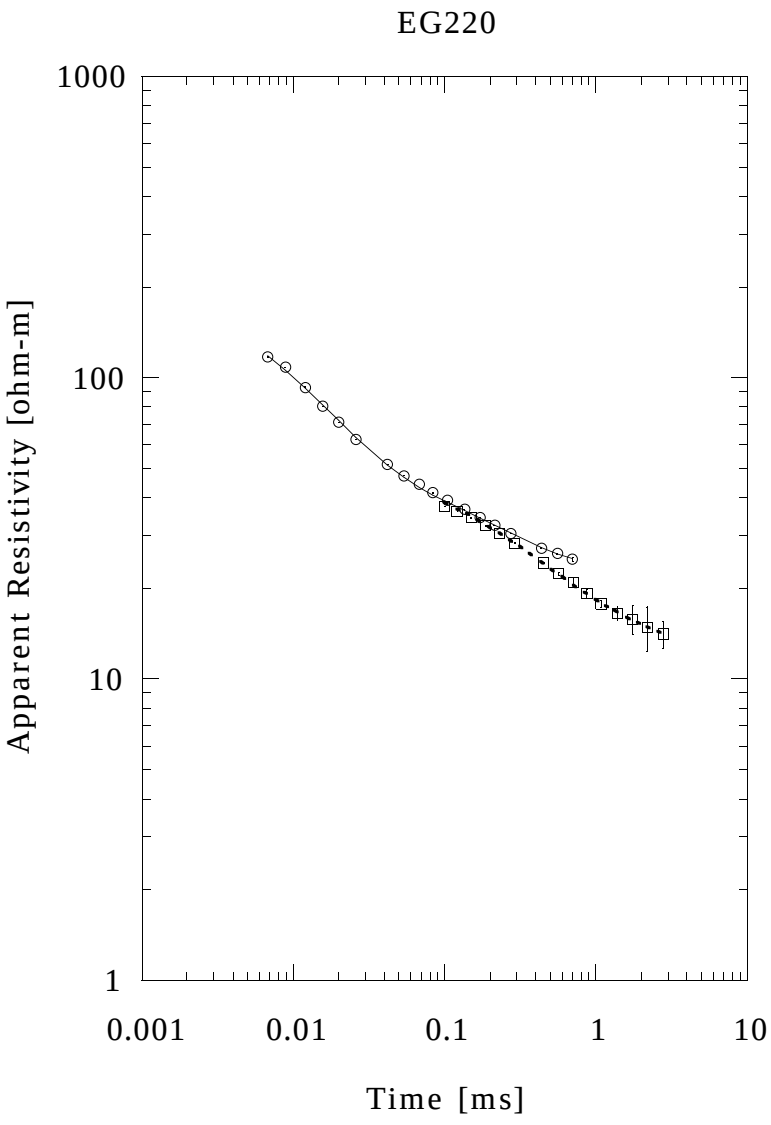

EG217
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

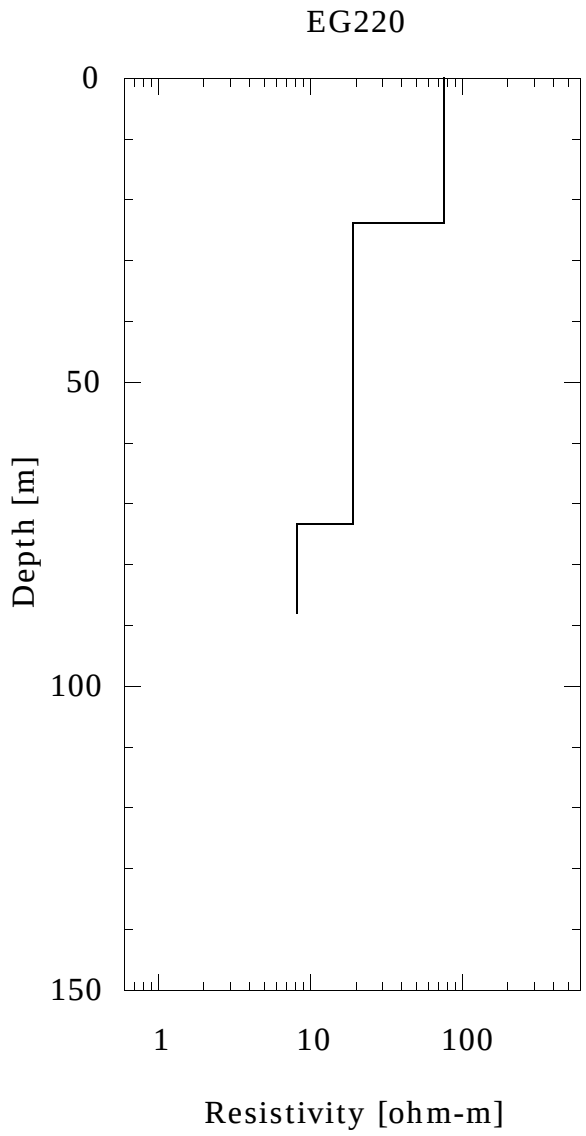

EG218
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

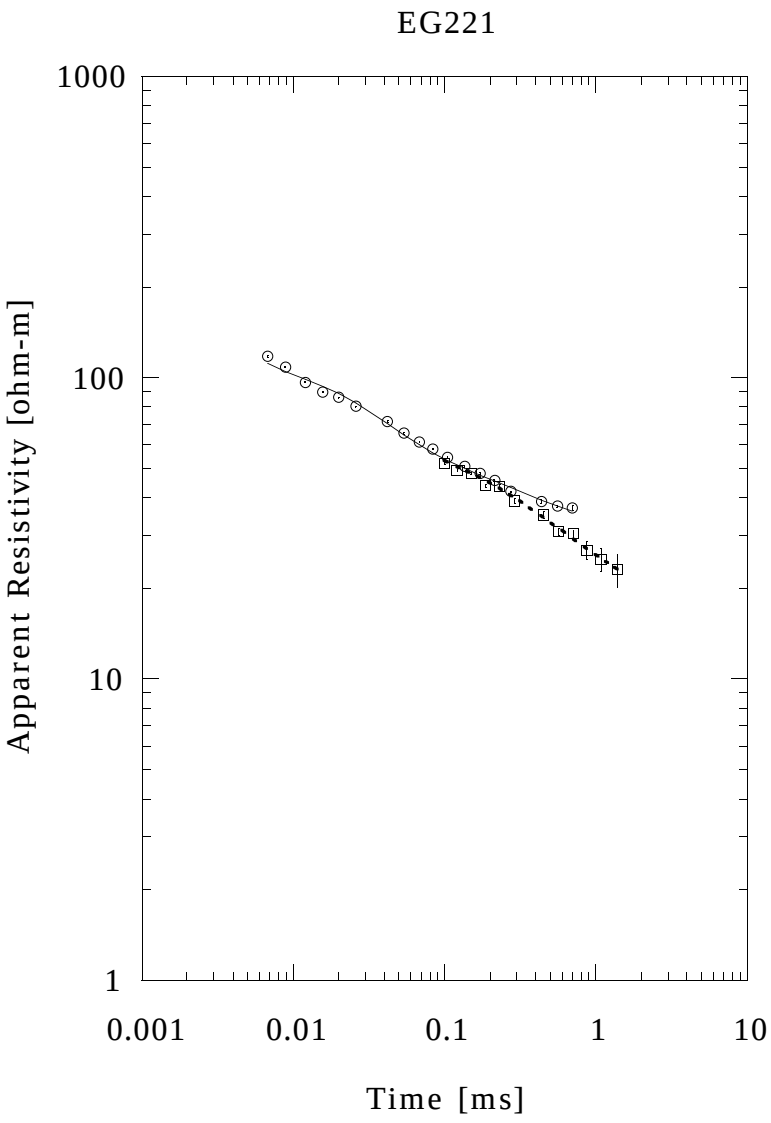

EG218
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

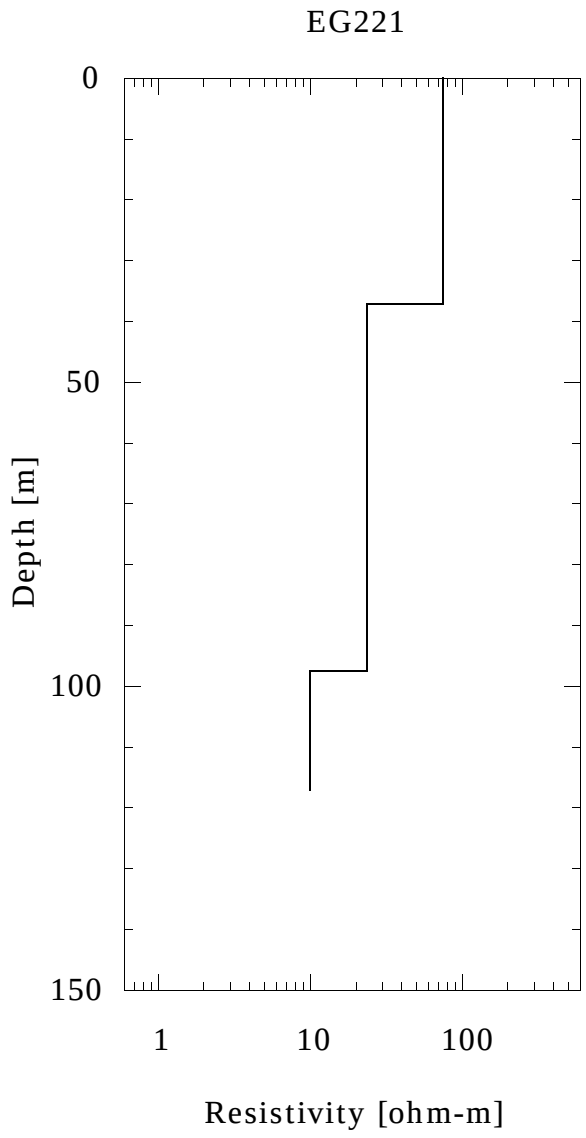

EG219
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

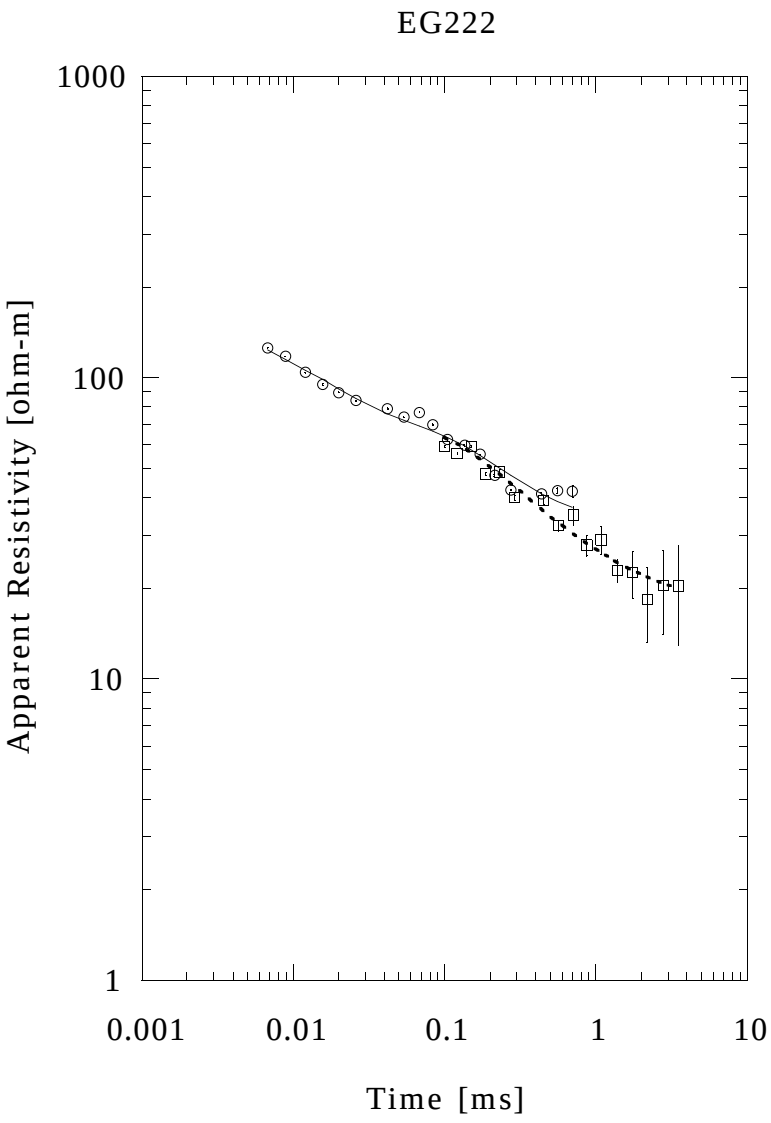

EG219
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

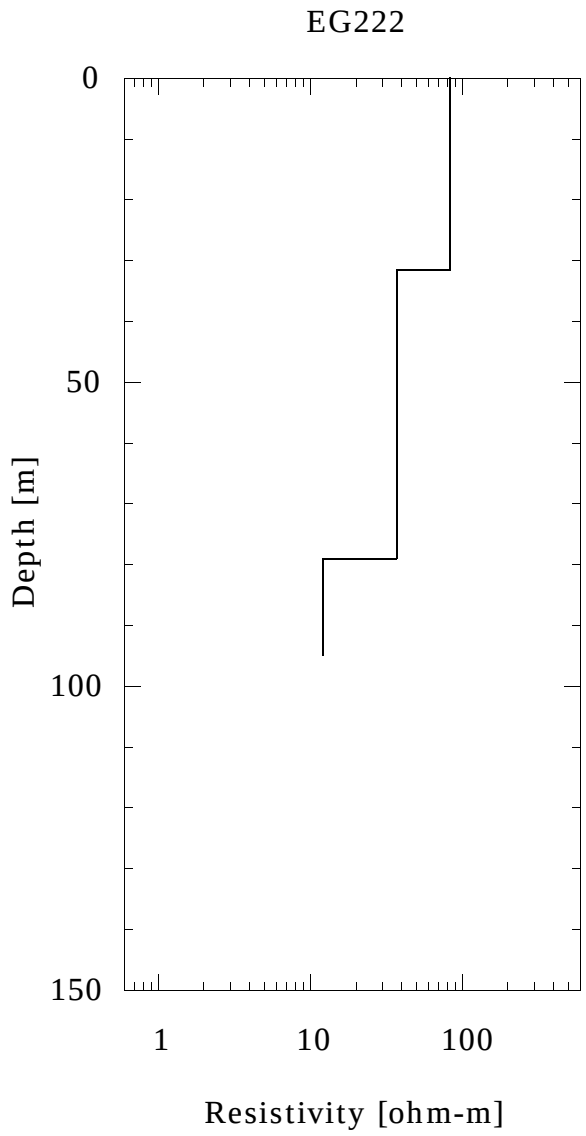

EG220
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]

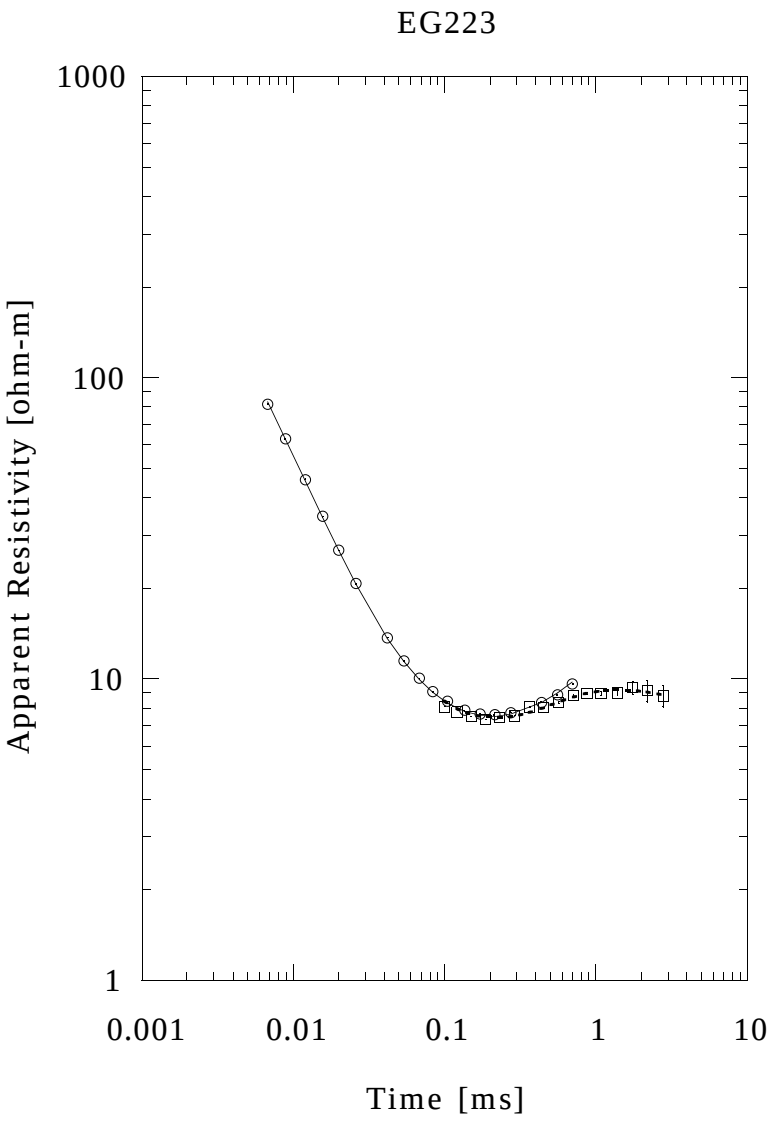

EG220
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]

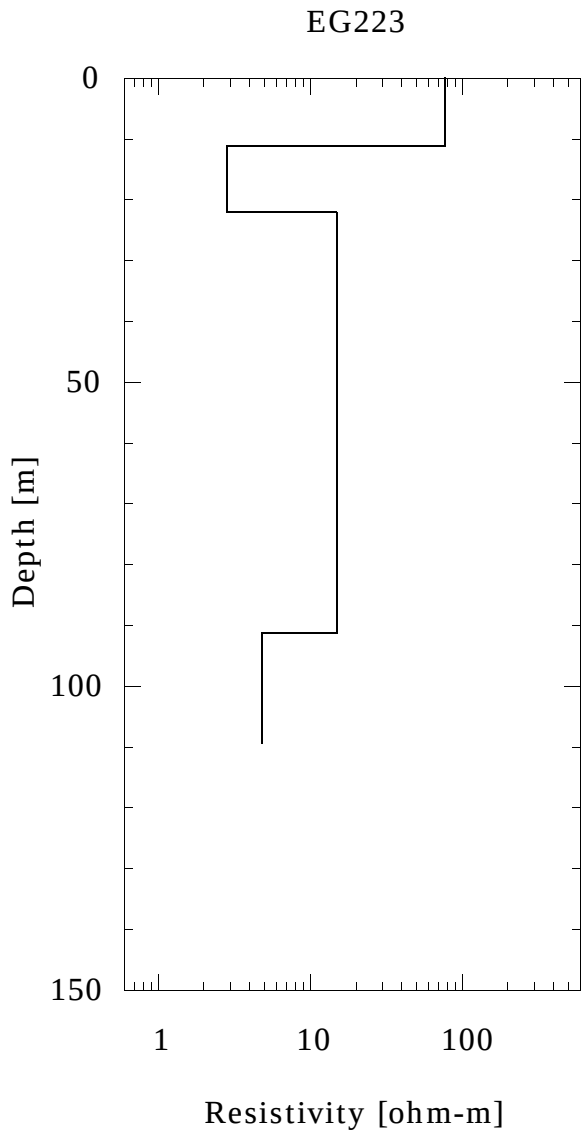

EG221
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

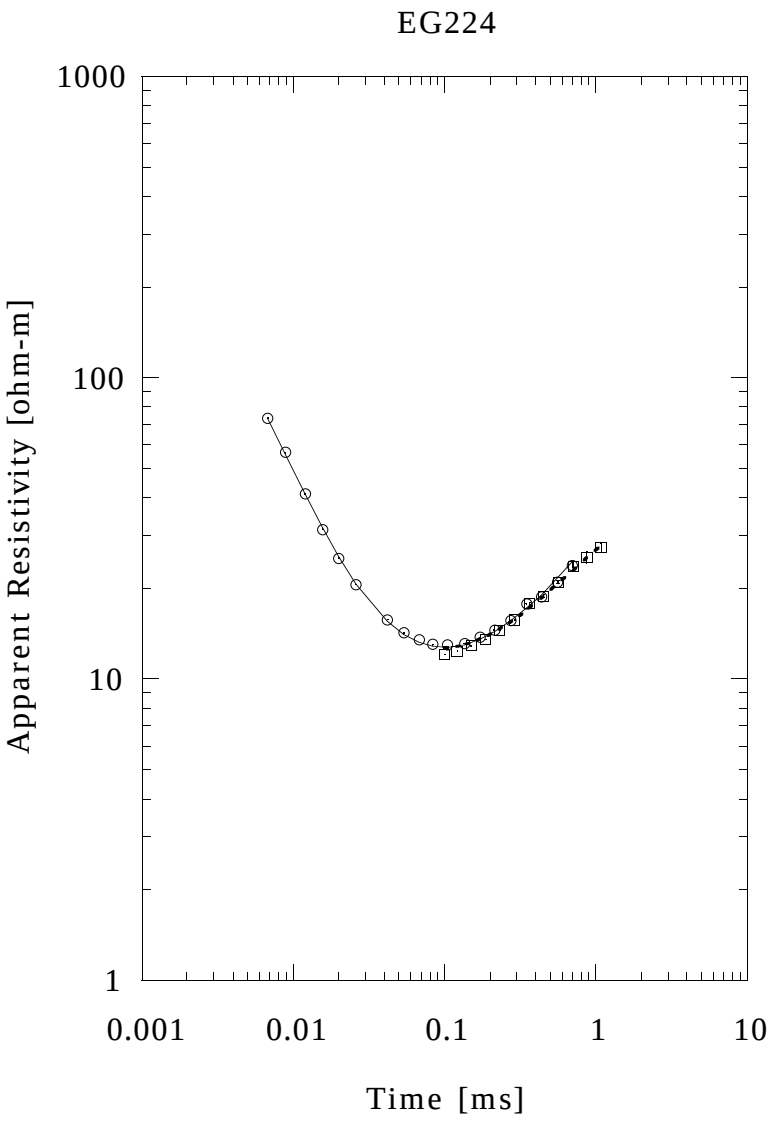

EG221
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

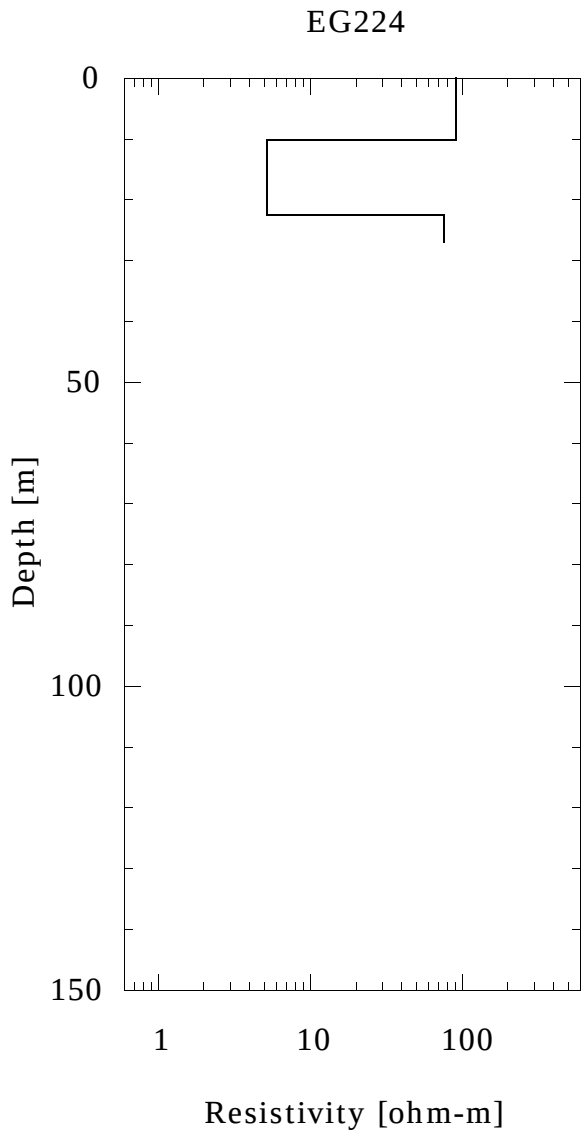

EG222
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

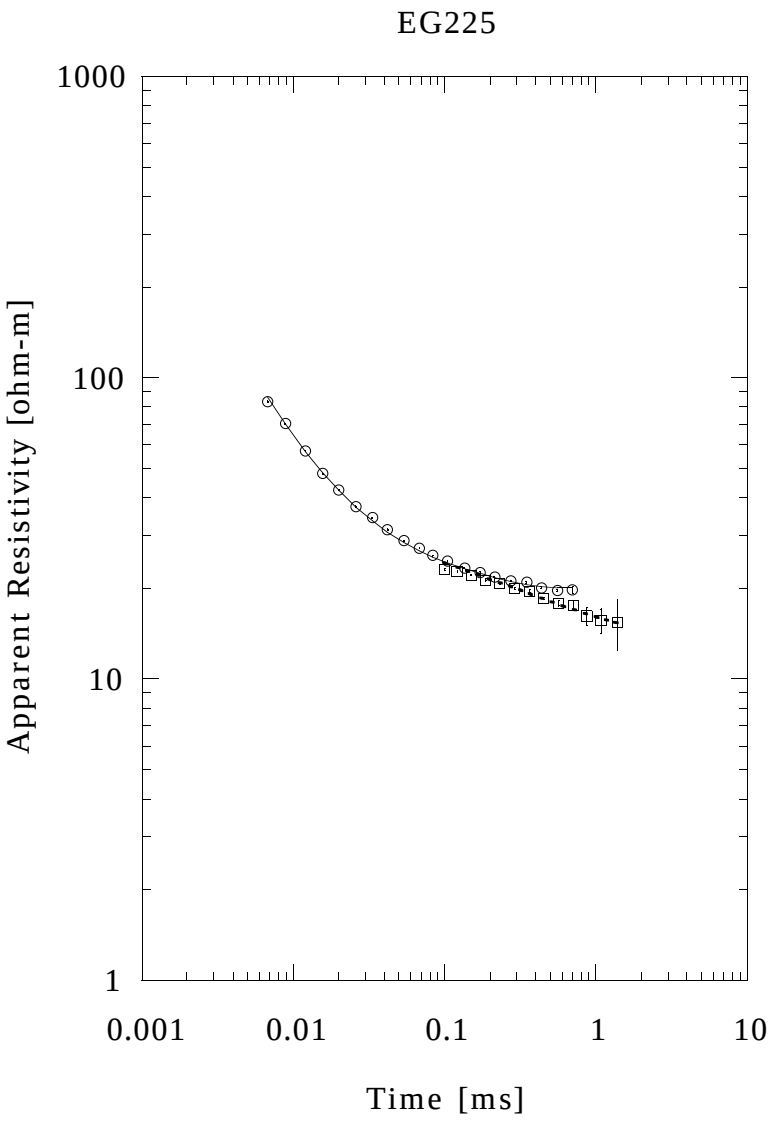

EG222
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

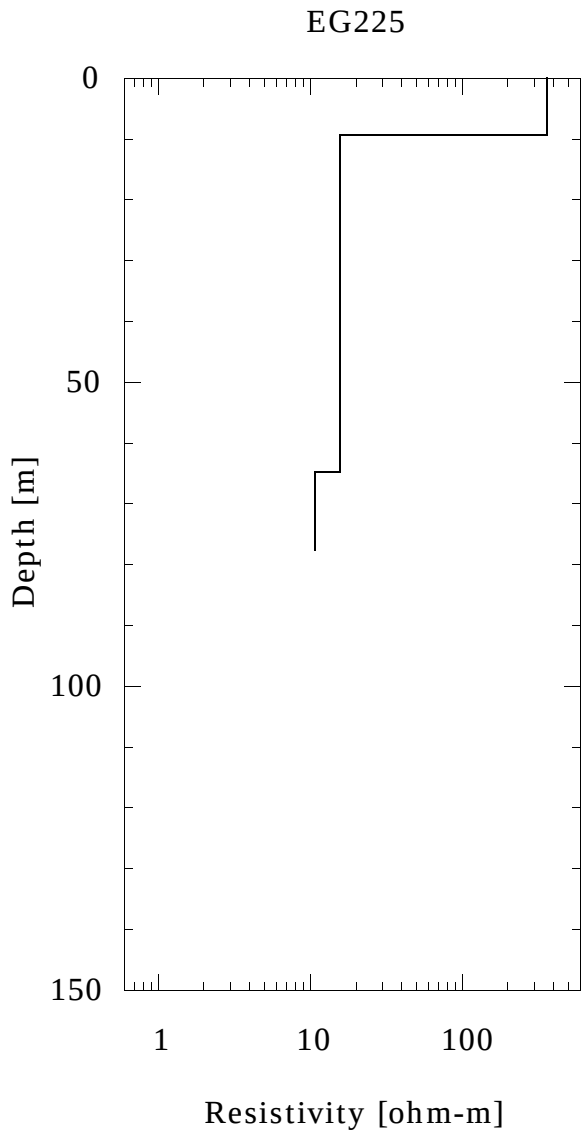

EG223
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

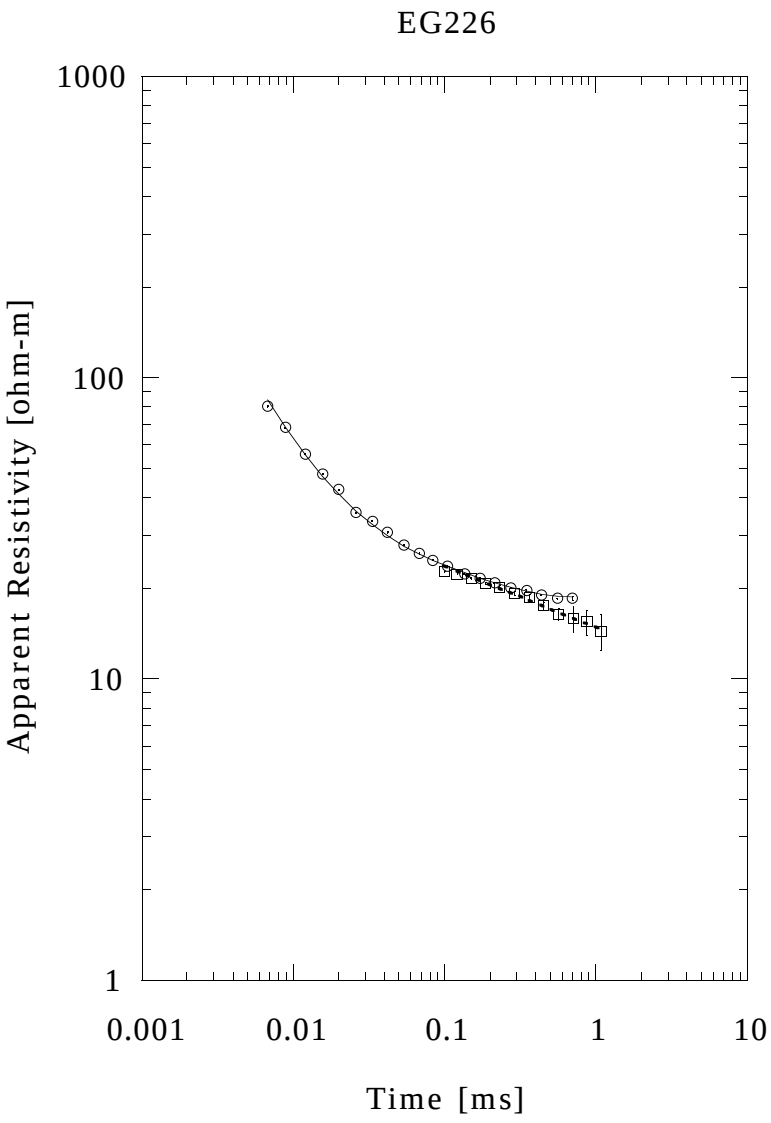

EG223
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

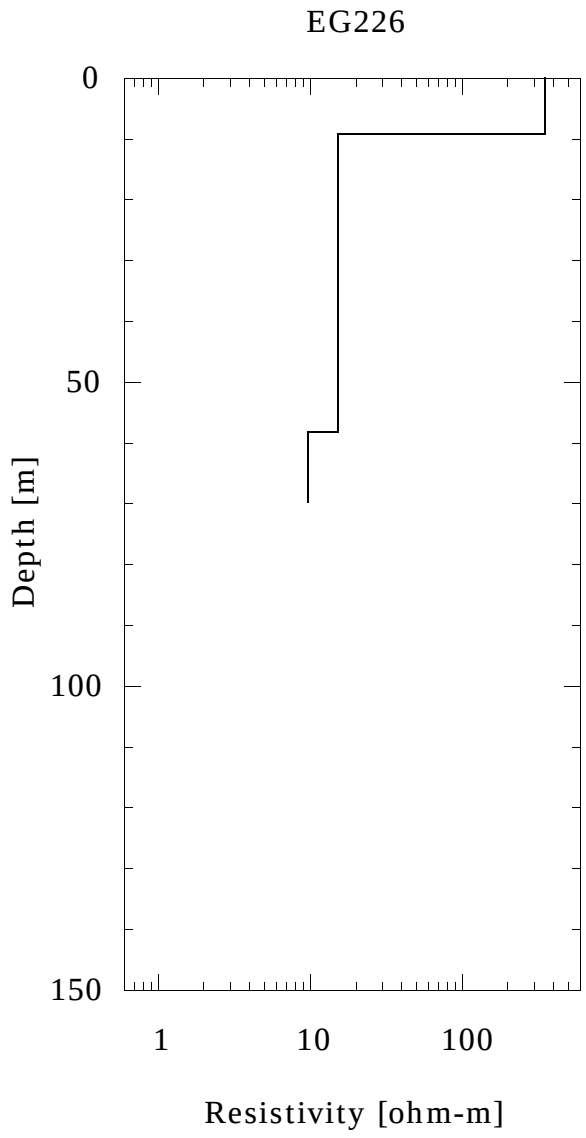

EG224
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

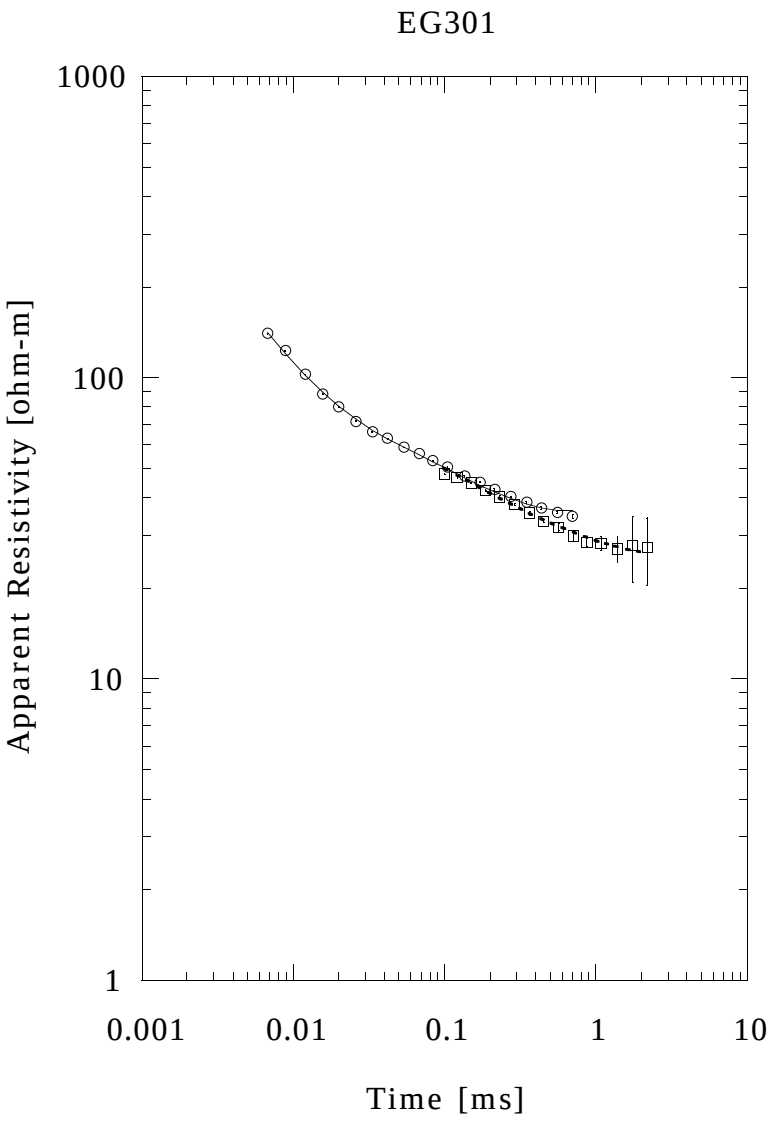

EG224
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

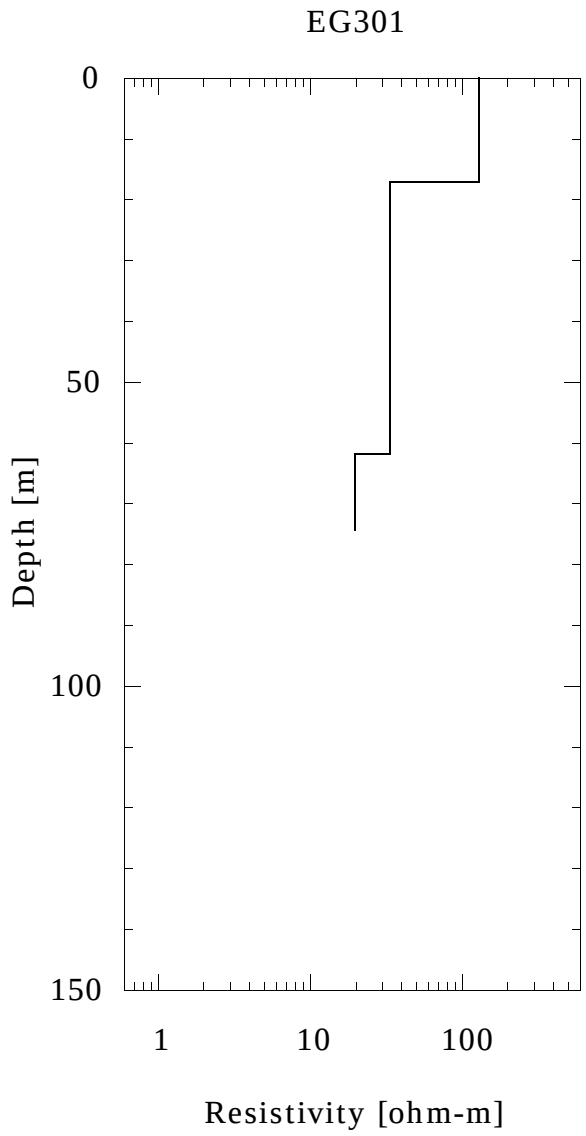

EG225
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]

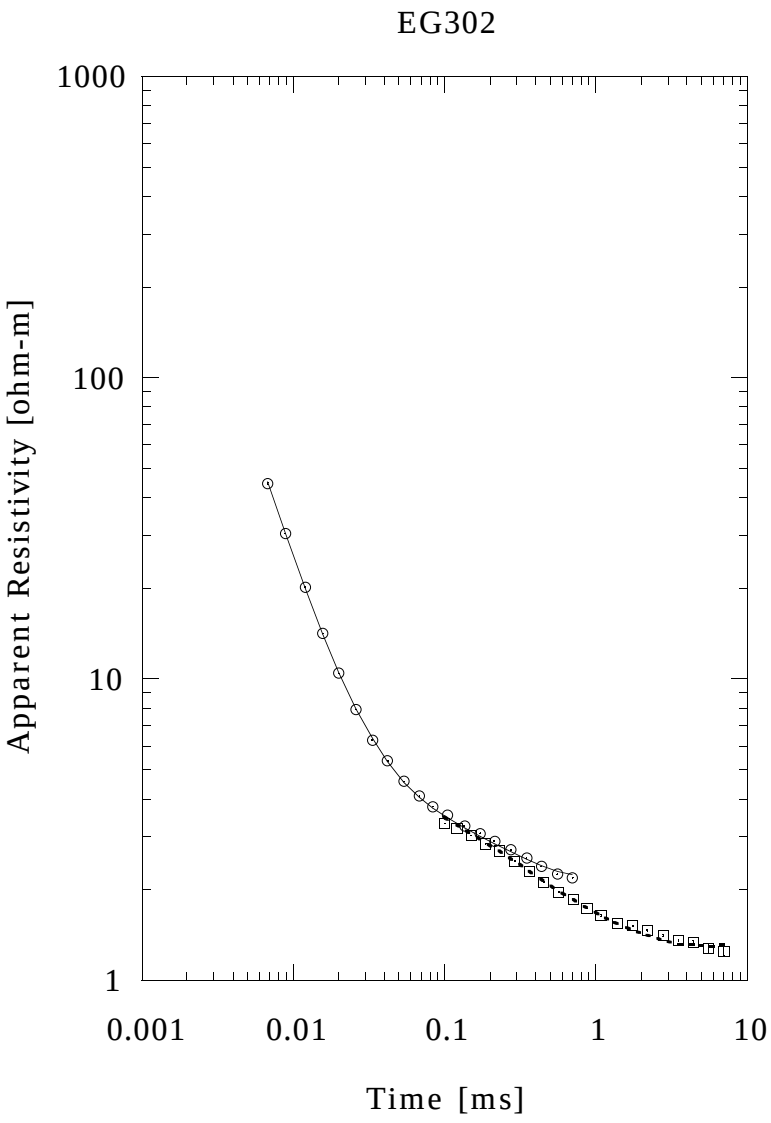

EG225
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]

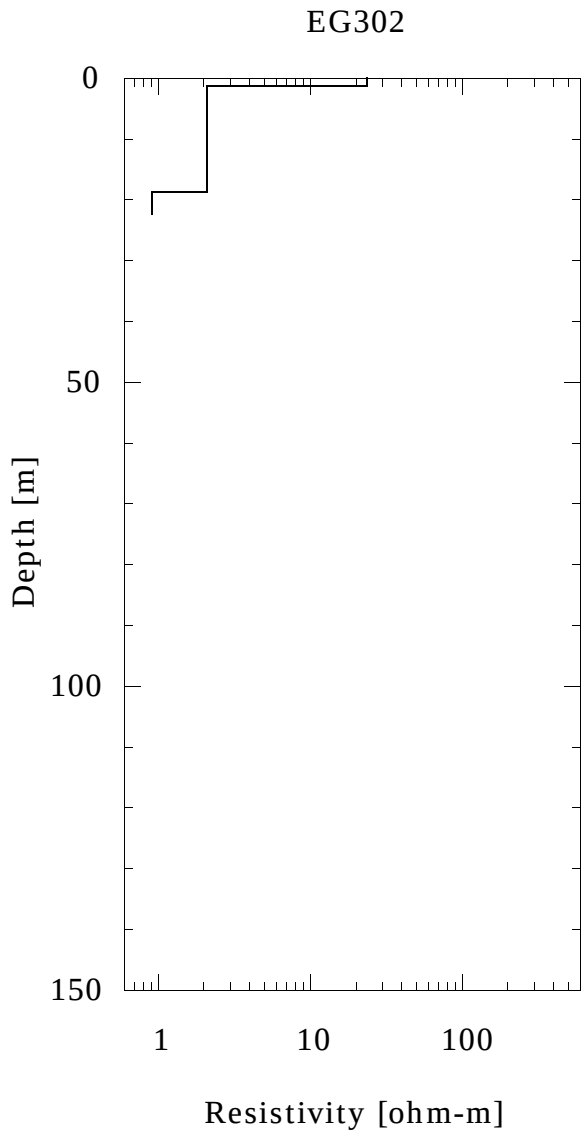

EG226
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]


EG226
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]


EG301
1000
100
10
1
0.001
0.01
0.1
1
10
Apparent Resistivity [ohm-m]
Time [ms]


EG301
0
50
100
150
1
10
100
Depth [m]
Resistivity [ohm-m]


EG302
1000
100
10
1
Apparent Resistivity [ohm-m]
0.001
0.01
0.1
1
10
Time [ms]


EG302
0
50
100
150
Depth [m]
1
10
100
Resistivity [ohm-m]