Supplement File

Geophysical Investigations.

Livio et al. «Paleoseismic history of the
intermountain Rieti Basin (Central
Apennines, Italy)» - submitted to NHESS

In this Supplementary Material we are attaching all the geophysical investigations performed in all the Study sites.

Investigations include GPR and ERT surveys.

All the investigation traces are shown in Figures 2, 4 and 8 of the paper.

Investigations are listed following the numerical code. GPR lines first followed by the ERT lines.

ERT names indicate also the adopted array during aquisition.
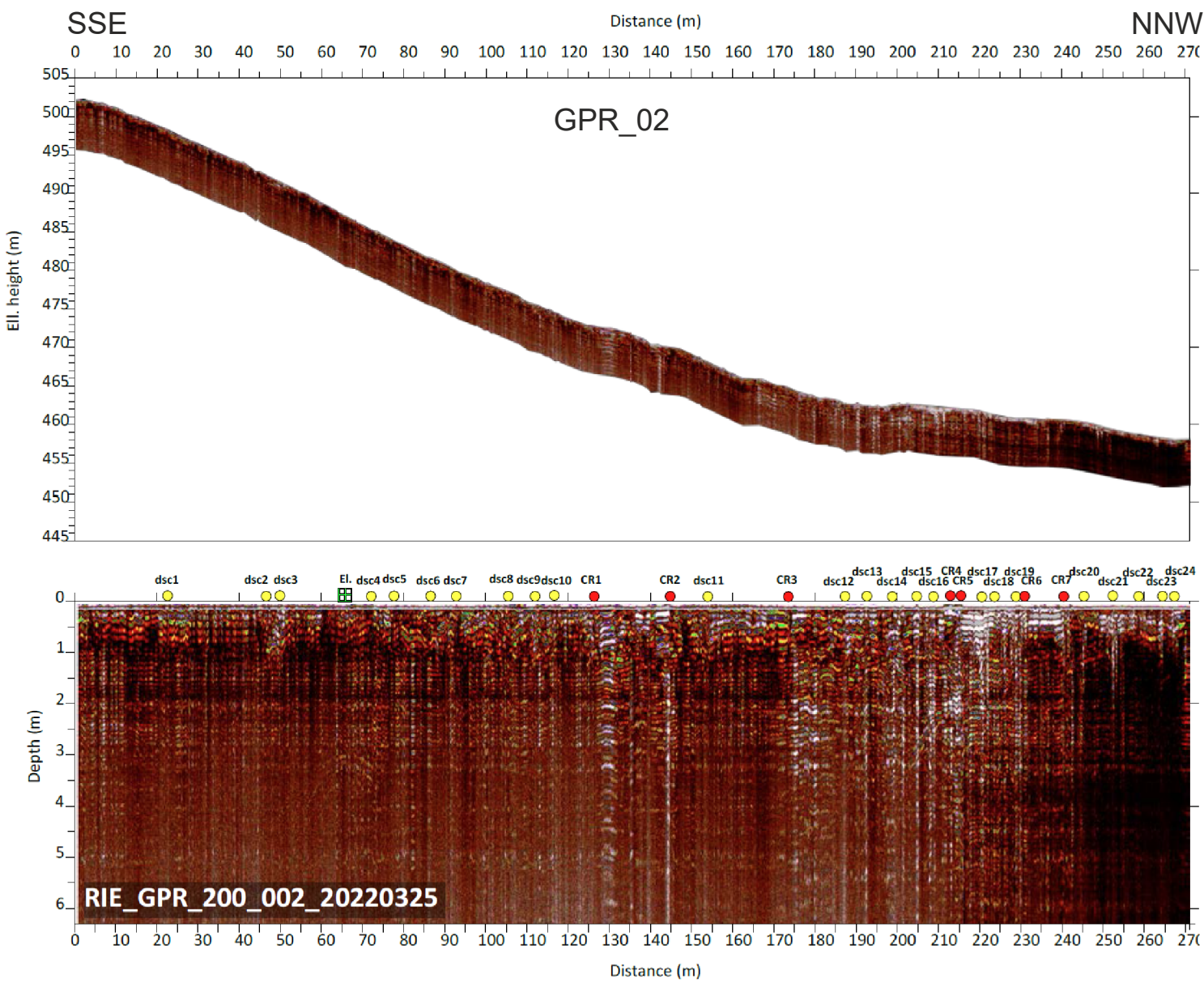
Figure S1

GPR profile of the GPR_02 line in scale and with topographic correction (above) and vertically exaggerated (below). See figure 8b for the line trace.
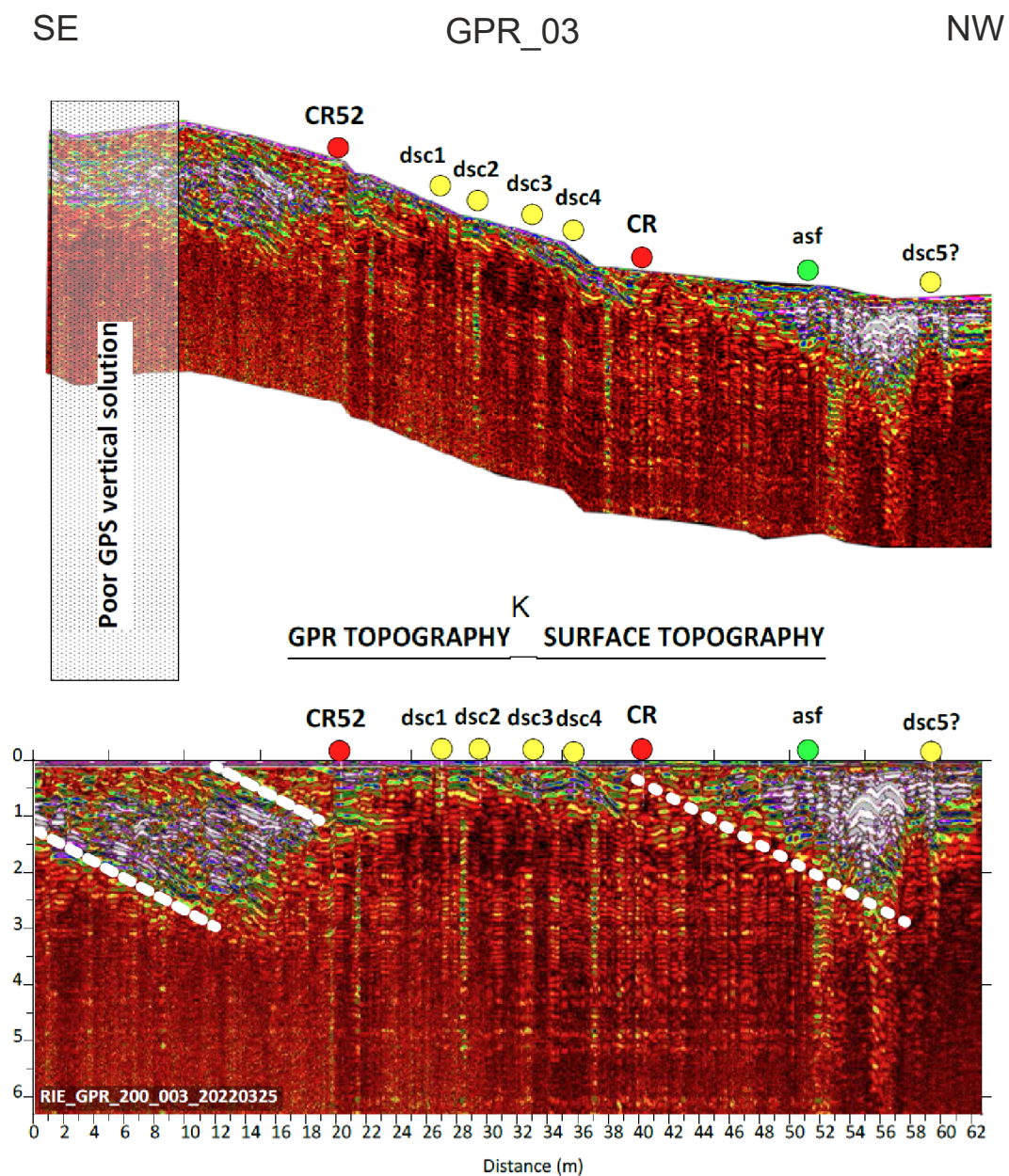
Figure S2

GPR profile of the GPR_03 line, with topographic correction (above) and vertically exagerated (below). See Figure 8d for the line trace.
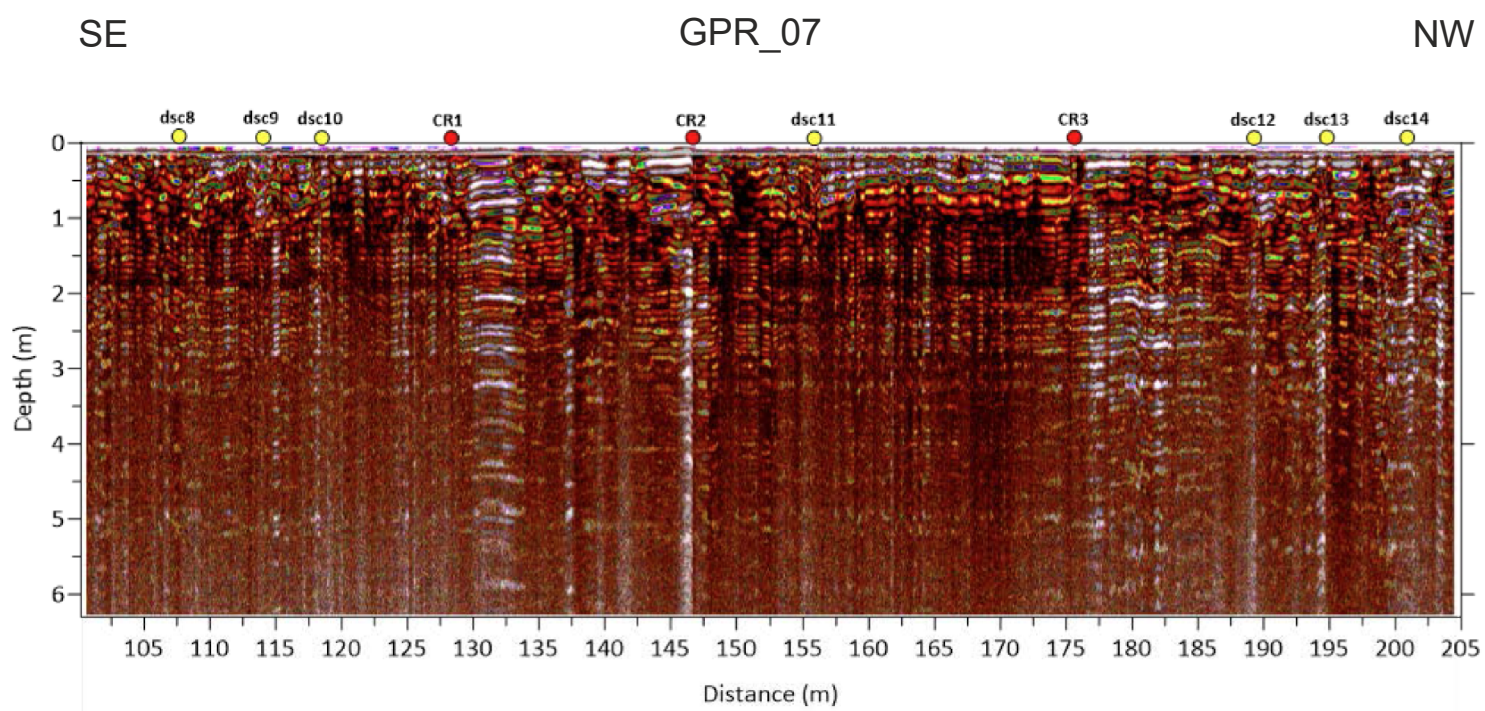
Figure S3

GPR profile of the GPR_07 line (see figure 8b for the line trace)
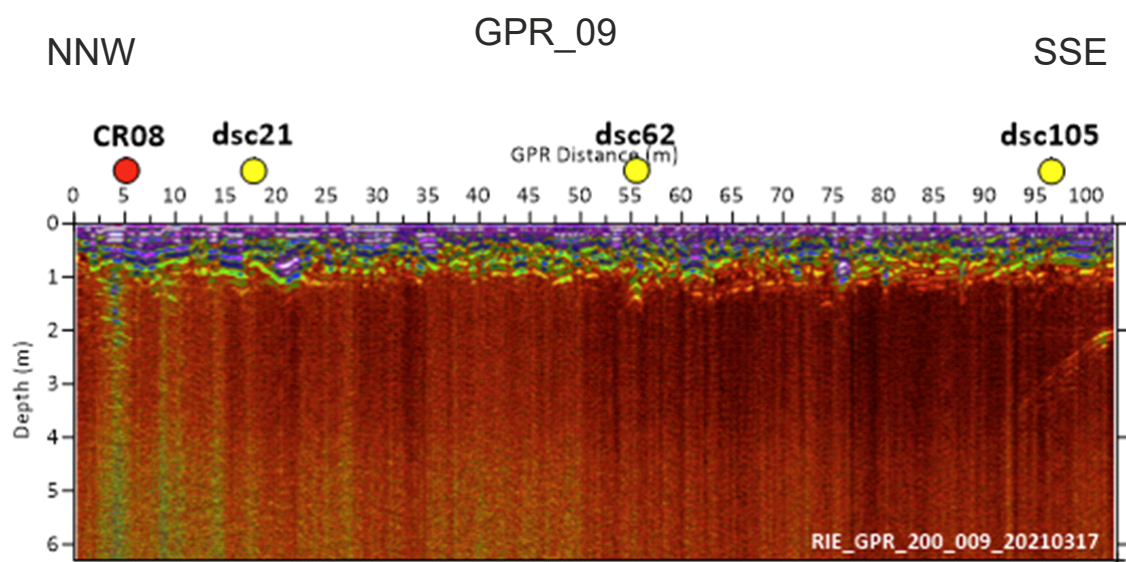
Figure S4

GPR profile of the GPR_09 line. See Figure 8b for the line trace.
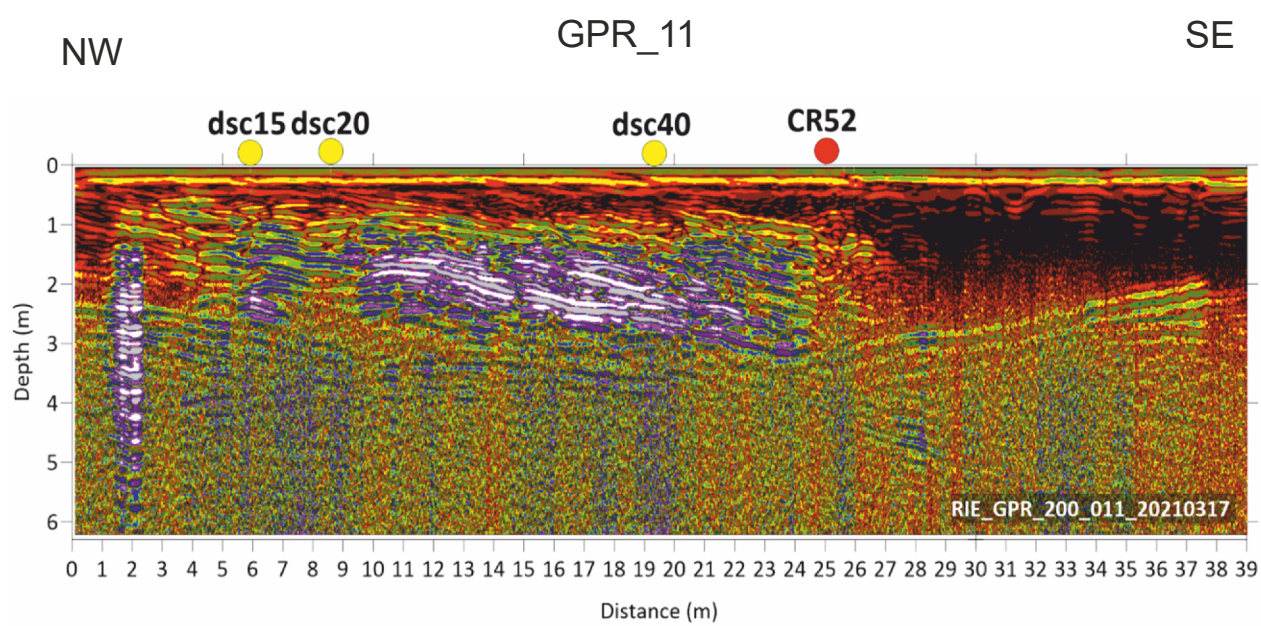
Figure S5

GPR profile of the GPR_11 line. See Figure 8d for the line trace.
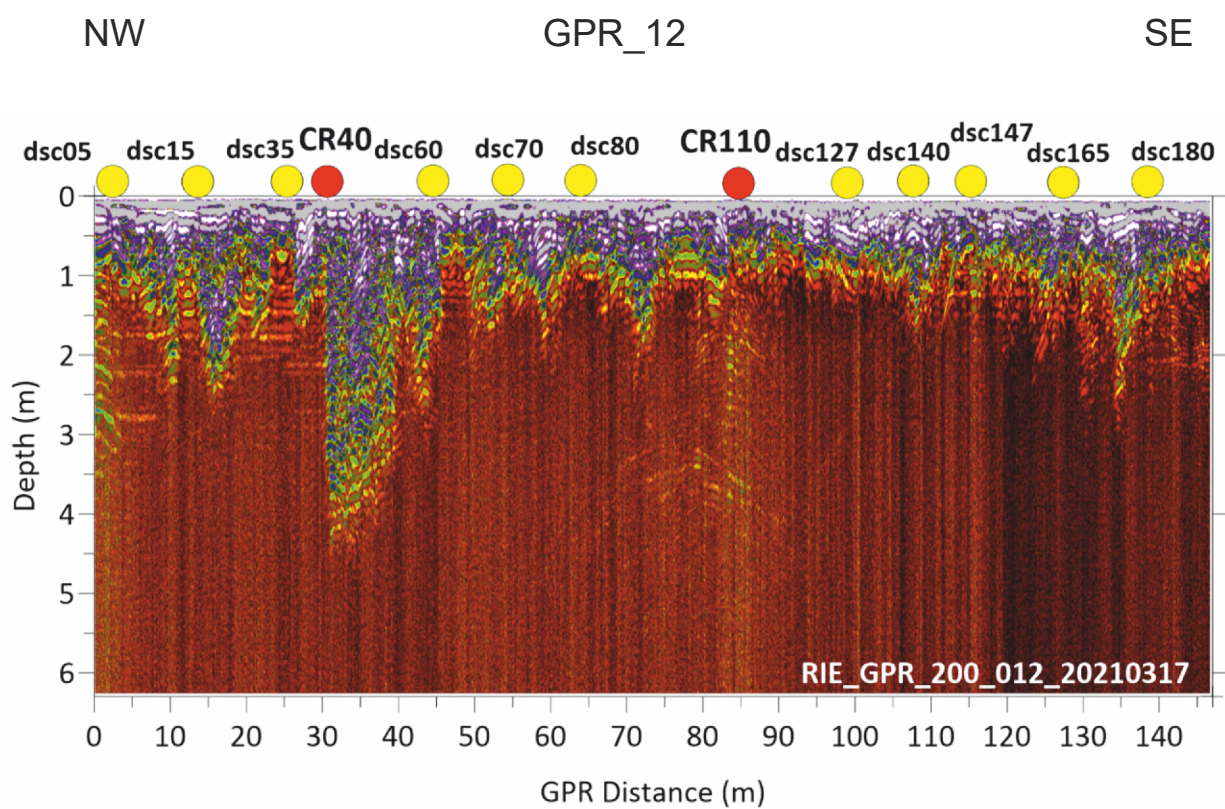
Figure S6

GPR profile of the GPR_12 line. See Figure 8d for the line trace.
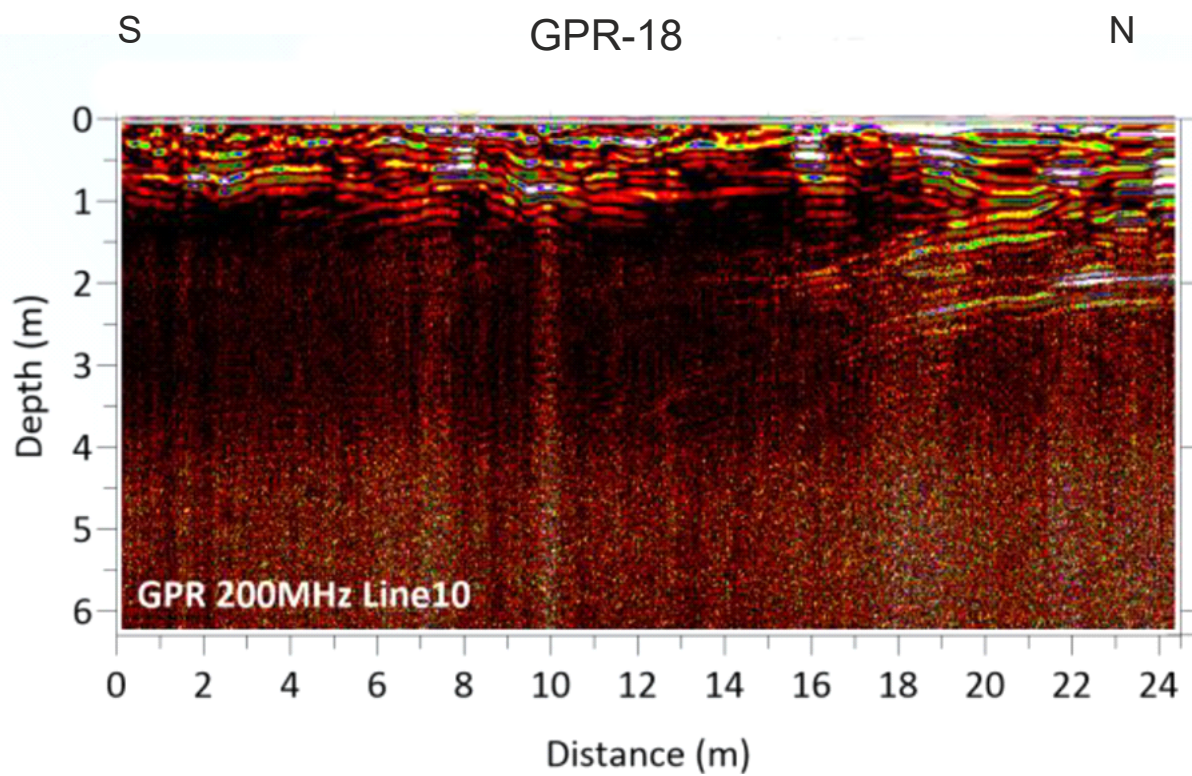
Figure S7

GPR profile of the GPR_18 line. See Figure 2b for the line trace.
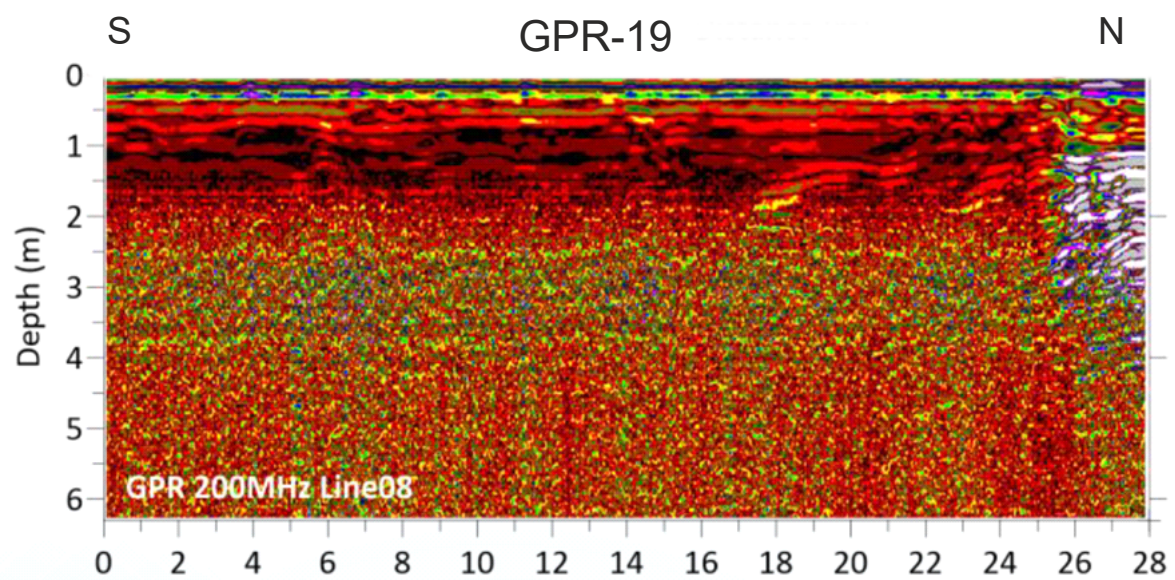
Figure S8

GPR profile of the GPR_18 line. See Figure 2b for the line trace.
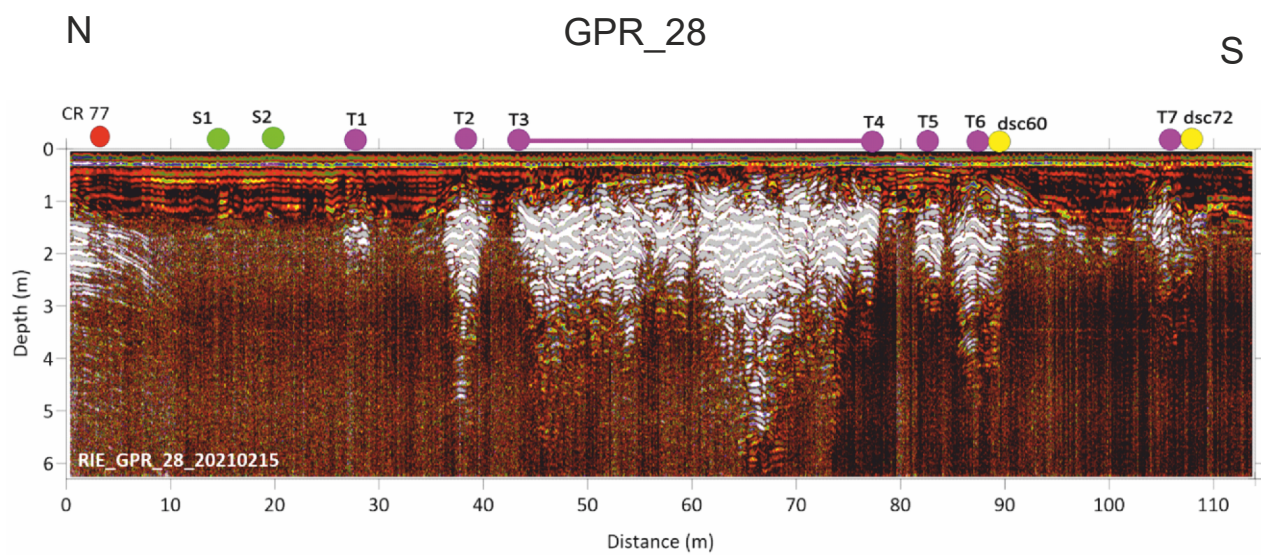
Figure S9

GPR profile of the GPR_28 line. See Figure 8c for the line trace.
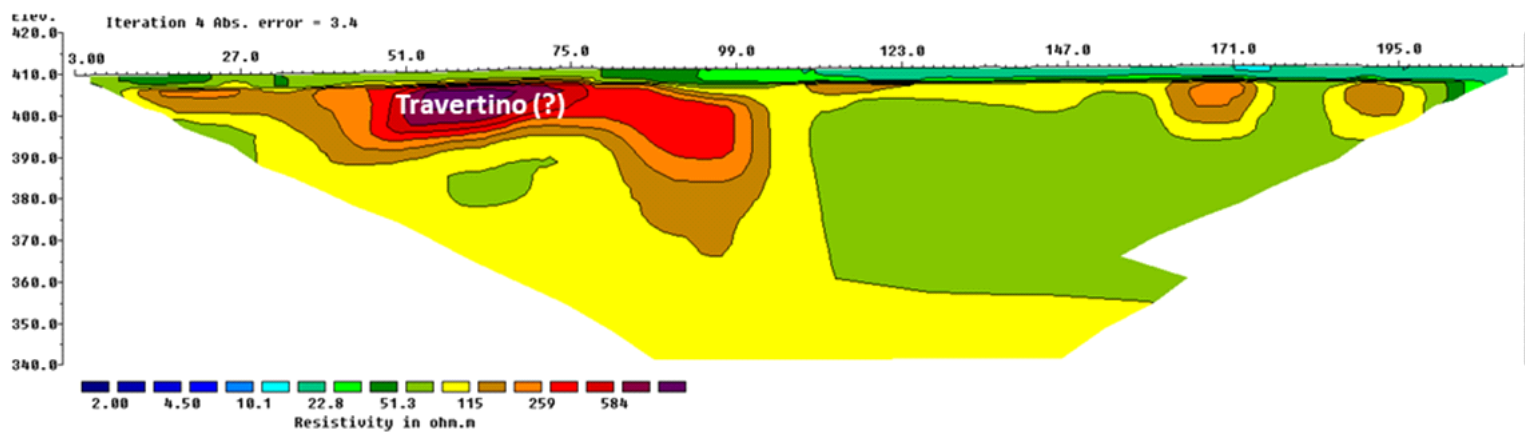
Figure S10

ERT profile of the ERT_01 line. See Figure 8b for the line trace.
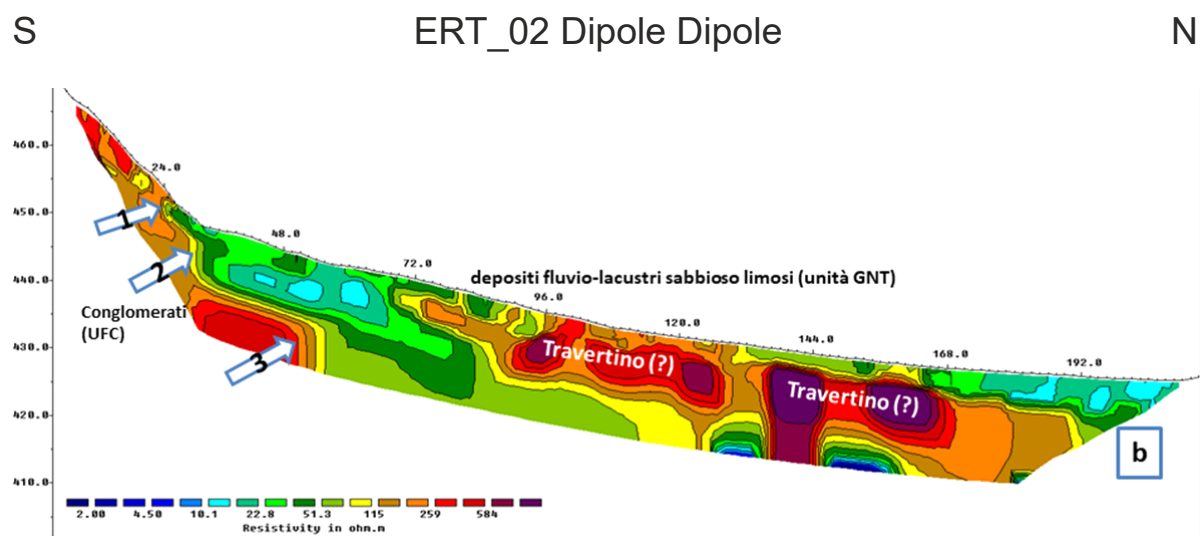
Figure S11

ERT profile of the ERT_02 line. See Figure 8c for the line trace.

SE   ERT_03 - Pole - Dipole   NW
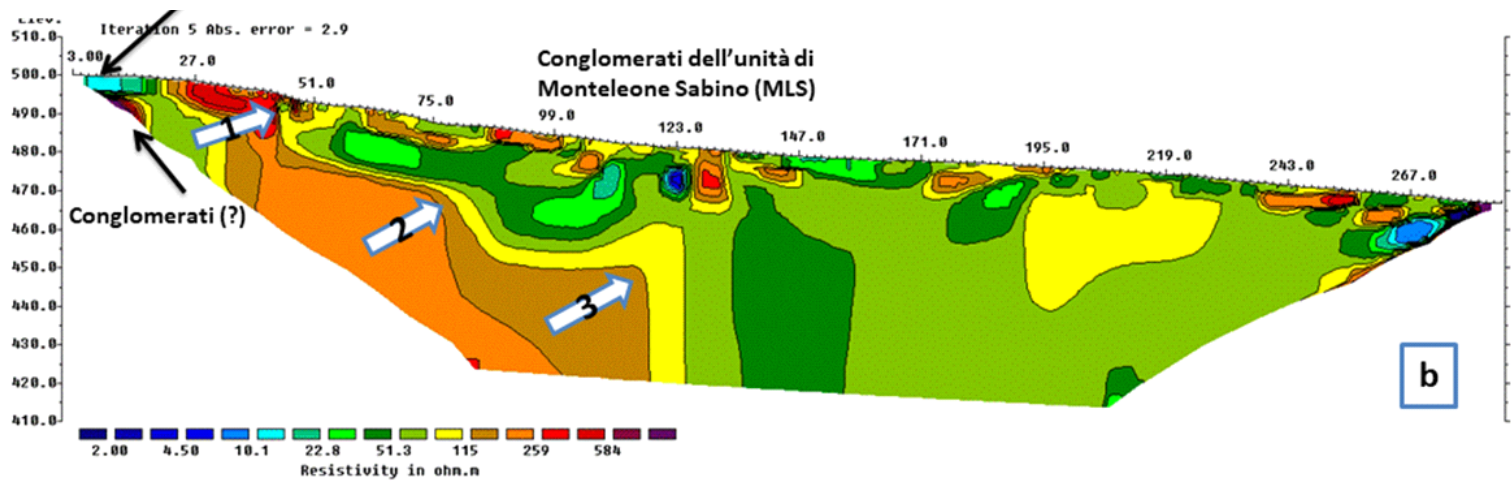
Figure S12

ERT profile of the ERT_03 line. See Figure 8d for the line trace.
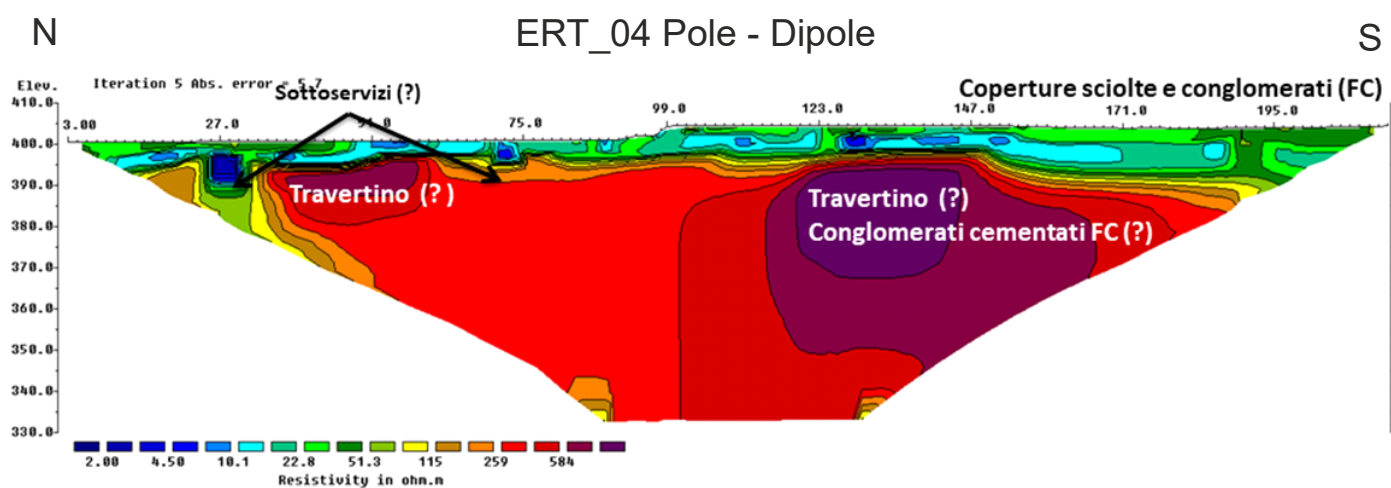
Figure S13

ERT profile of the ERT_04 line. See Figure 8b for the line trace.
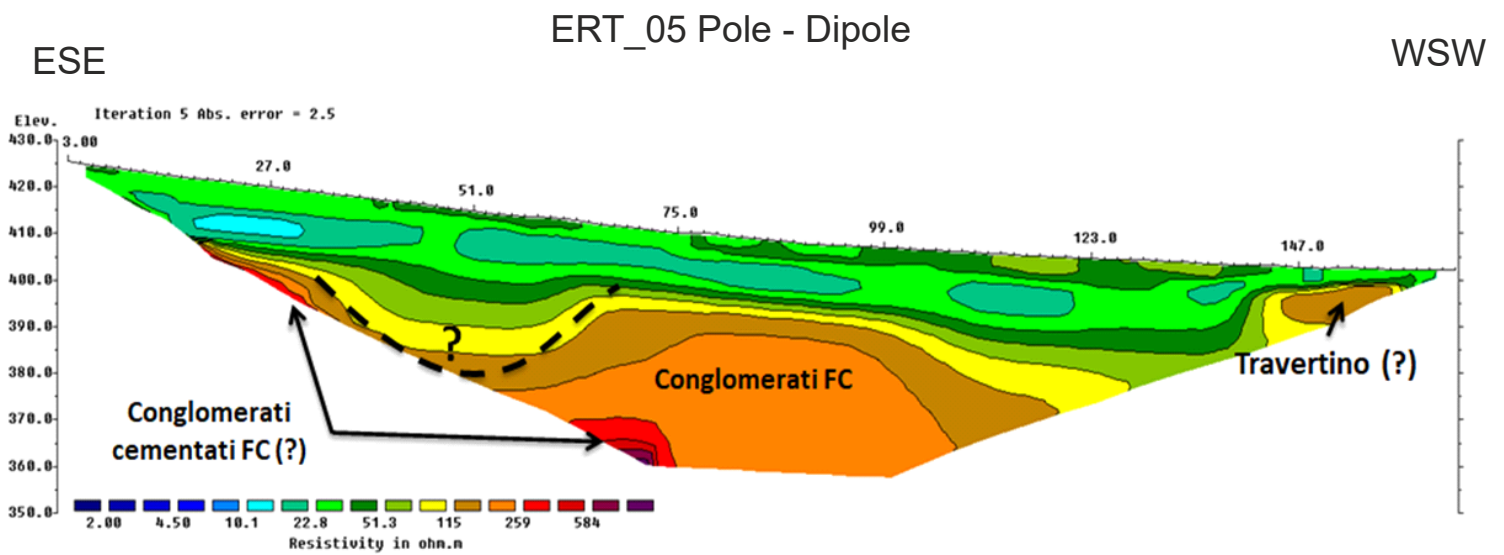
Figure S14

ERT profile of the ERT_05 line. See Figure 8b for the line trace.
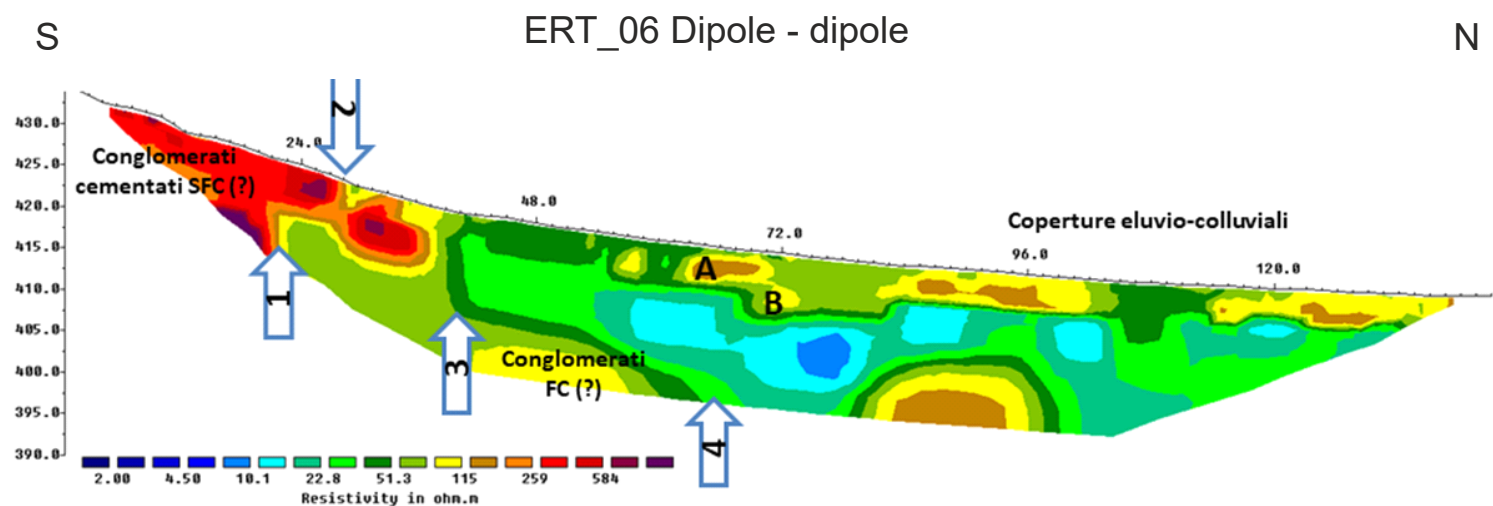
Figure S15

ERT profile of the ERT_06 line. See Figure 8b for the line trace.
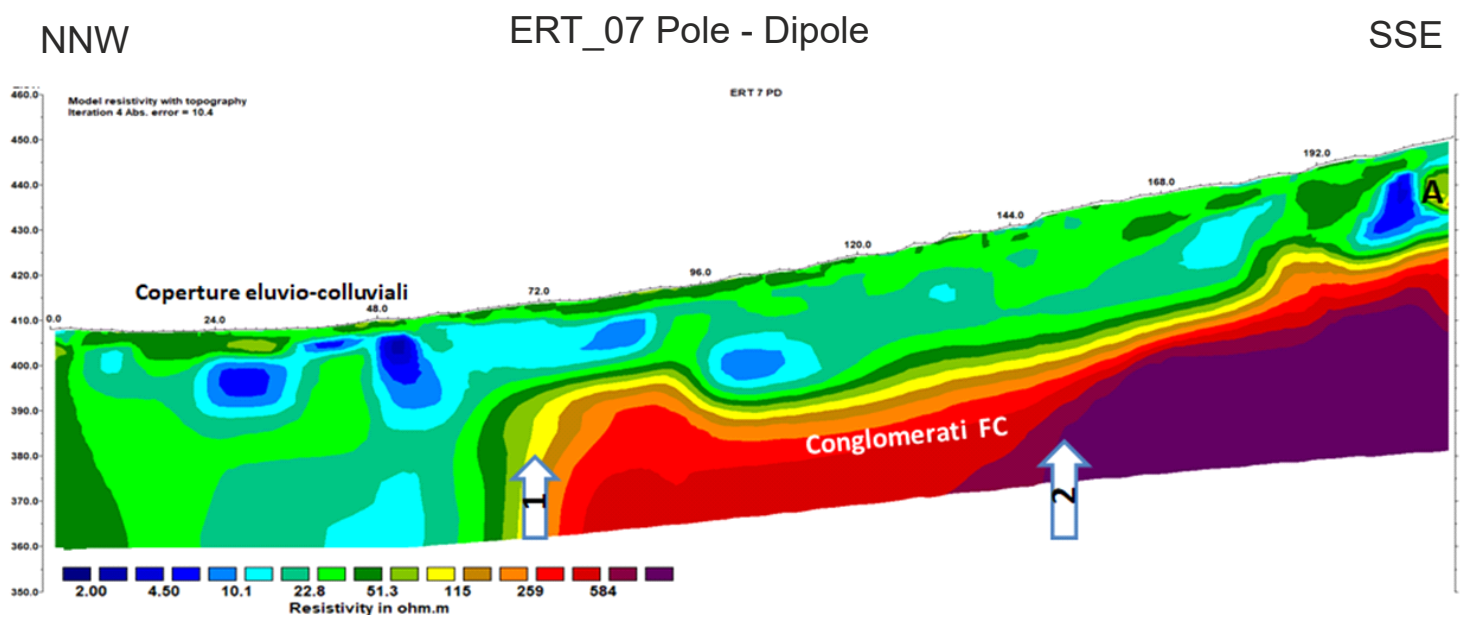
Figure S16

ERT profile of the ERT_07 line. See Figure 8b for the line trace.
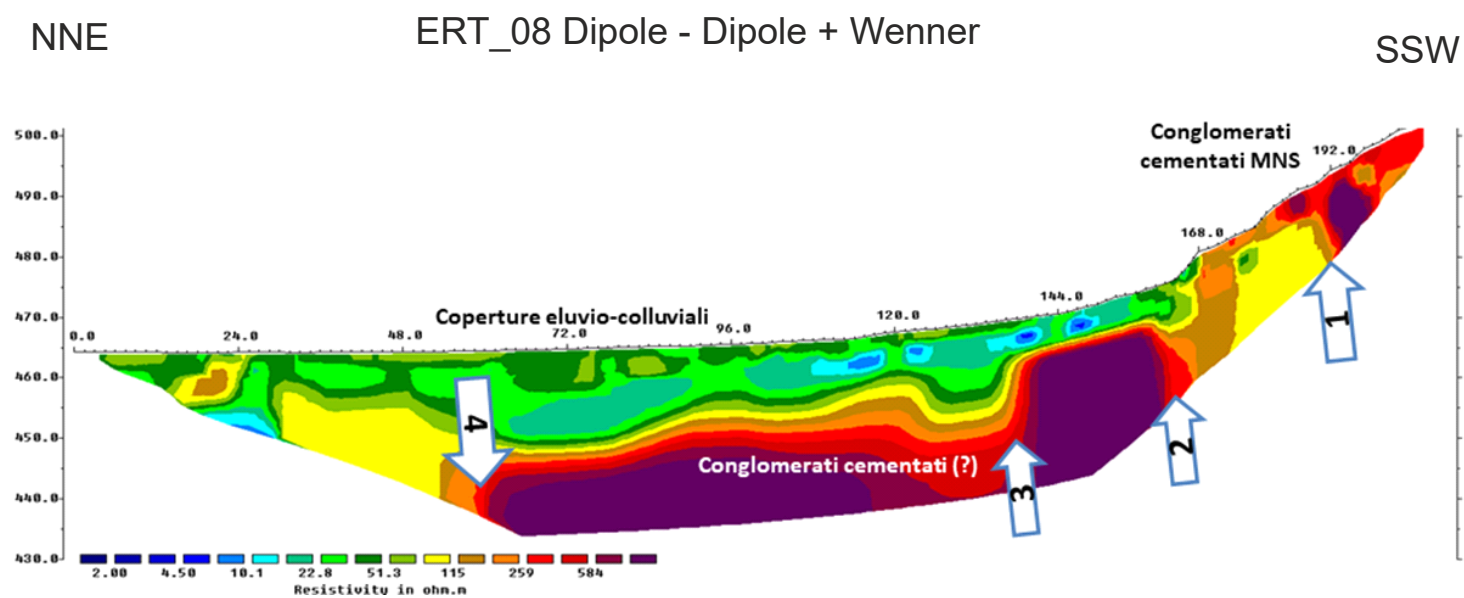
Figure S17

ERT profile of the ERT_08 line. See Figure 8d for the line trace.
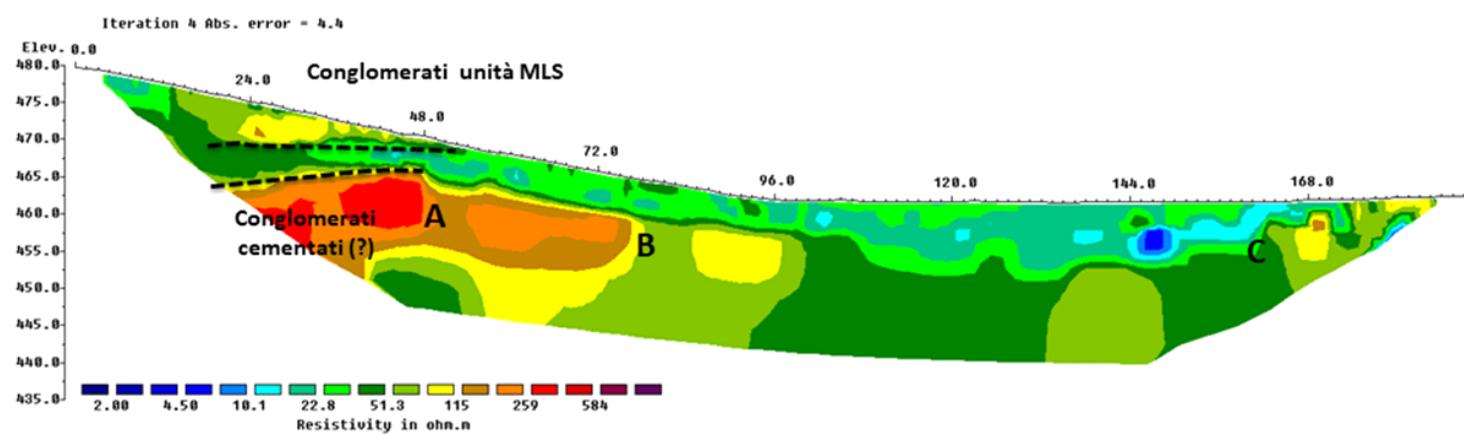
Figure S18

ERT profile of the ERT_09 line. See Figure 8d for the line trace.
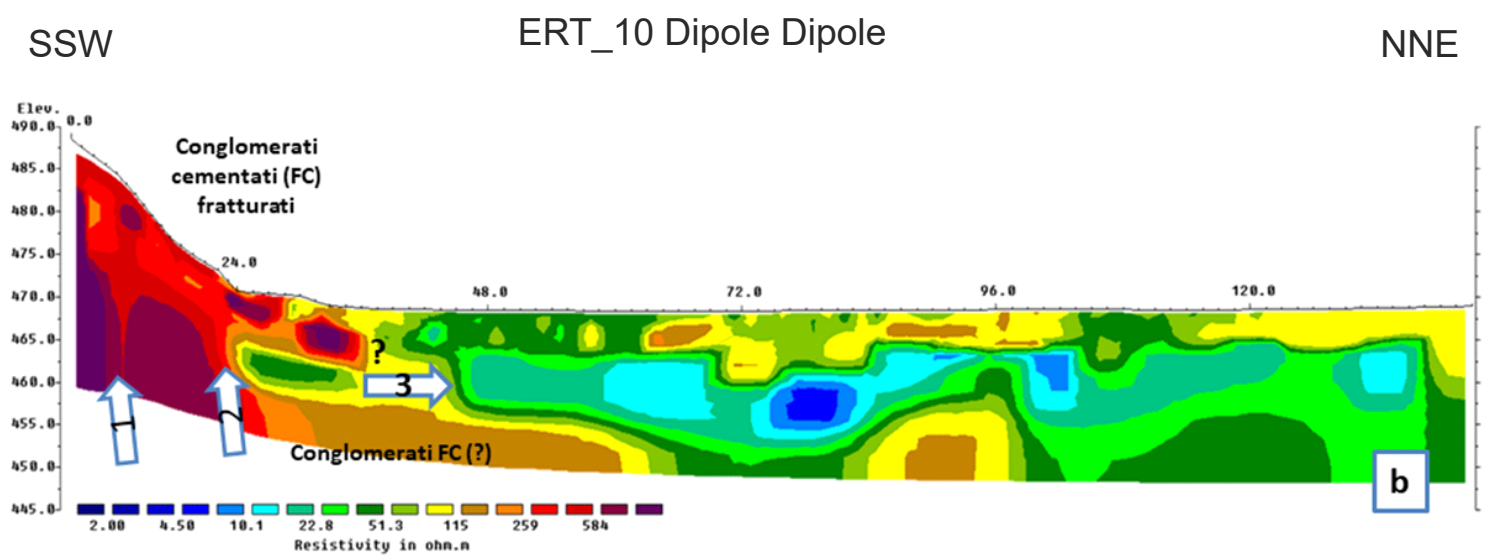
Figure S19

ERT profile of the ERT_10 line. See Figure 8d for the line trace.
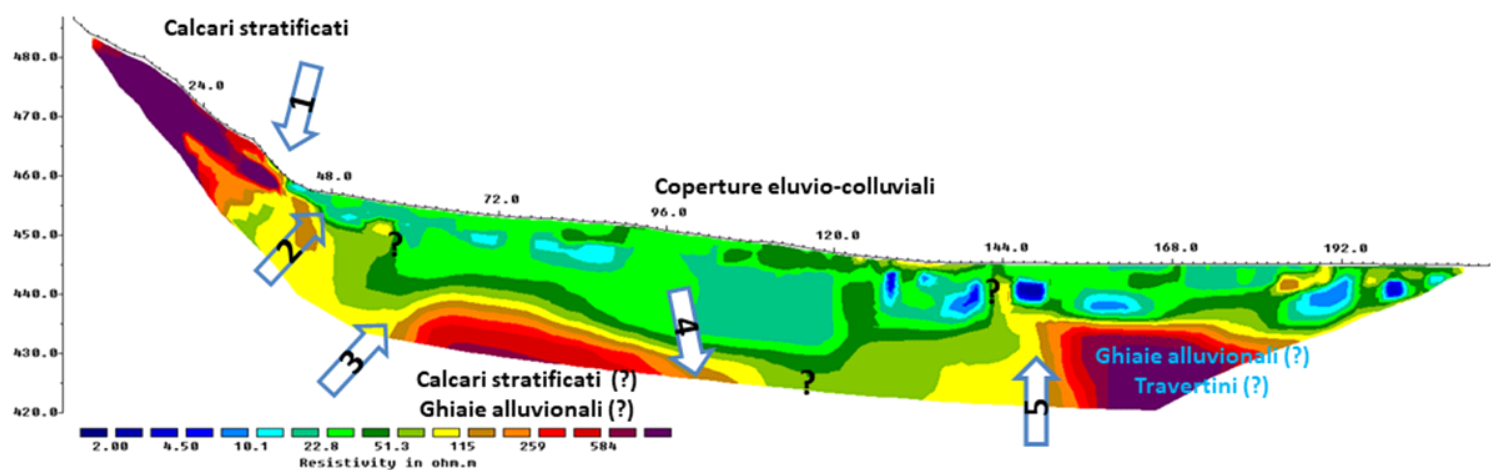
Figure S20

ERT profile of the ERT_11 line. See Figure 8d for the line trace.
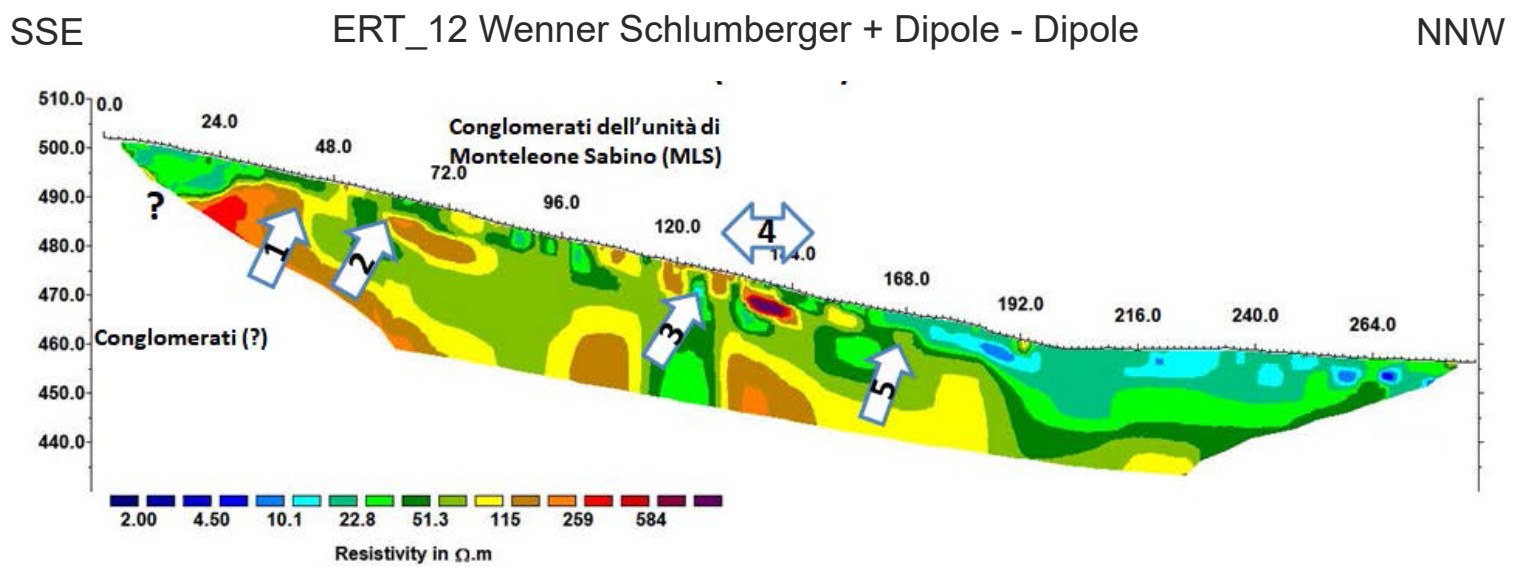
Figure S21

ERT profile of the ERT_12 line. See Figure 8d for the line trace.
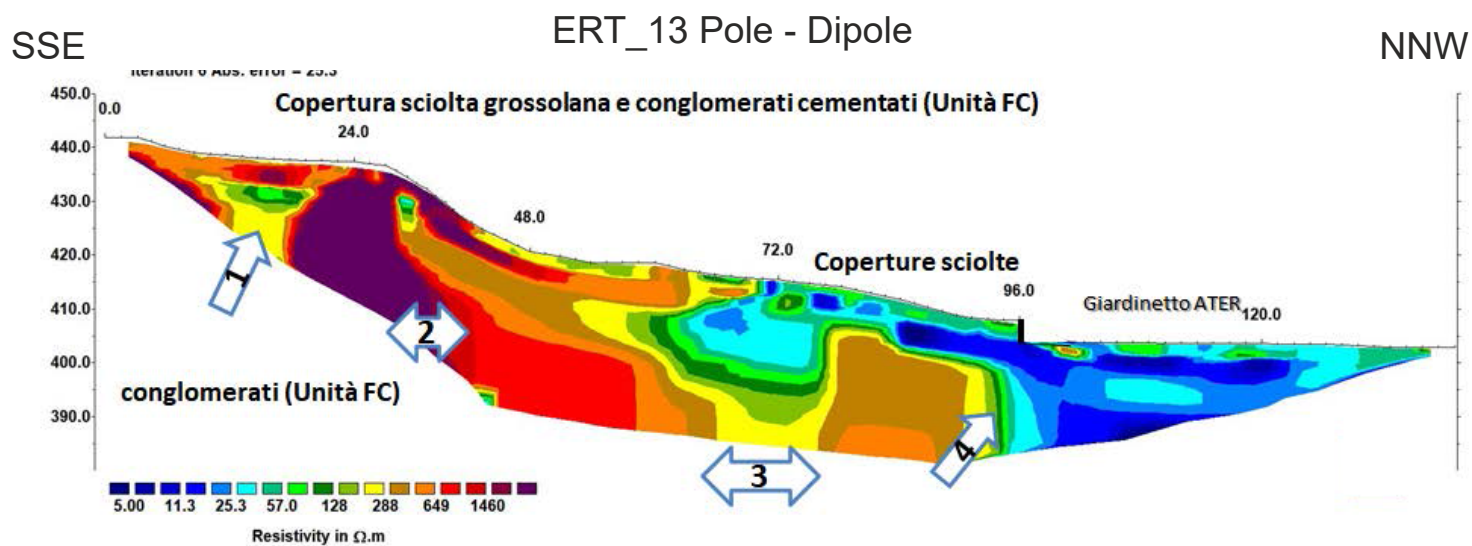
Figure S22

ERT profile of the ERT_13 line. See Figure 8b for the line trace.
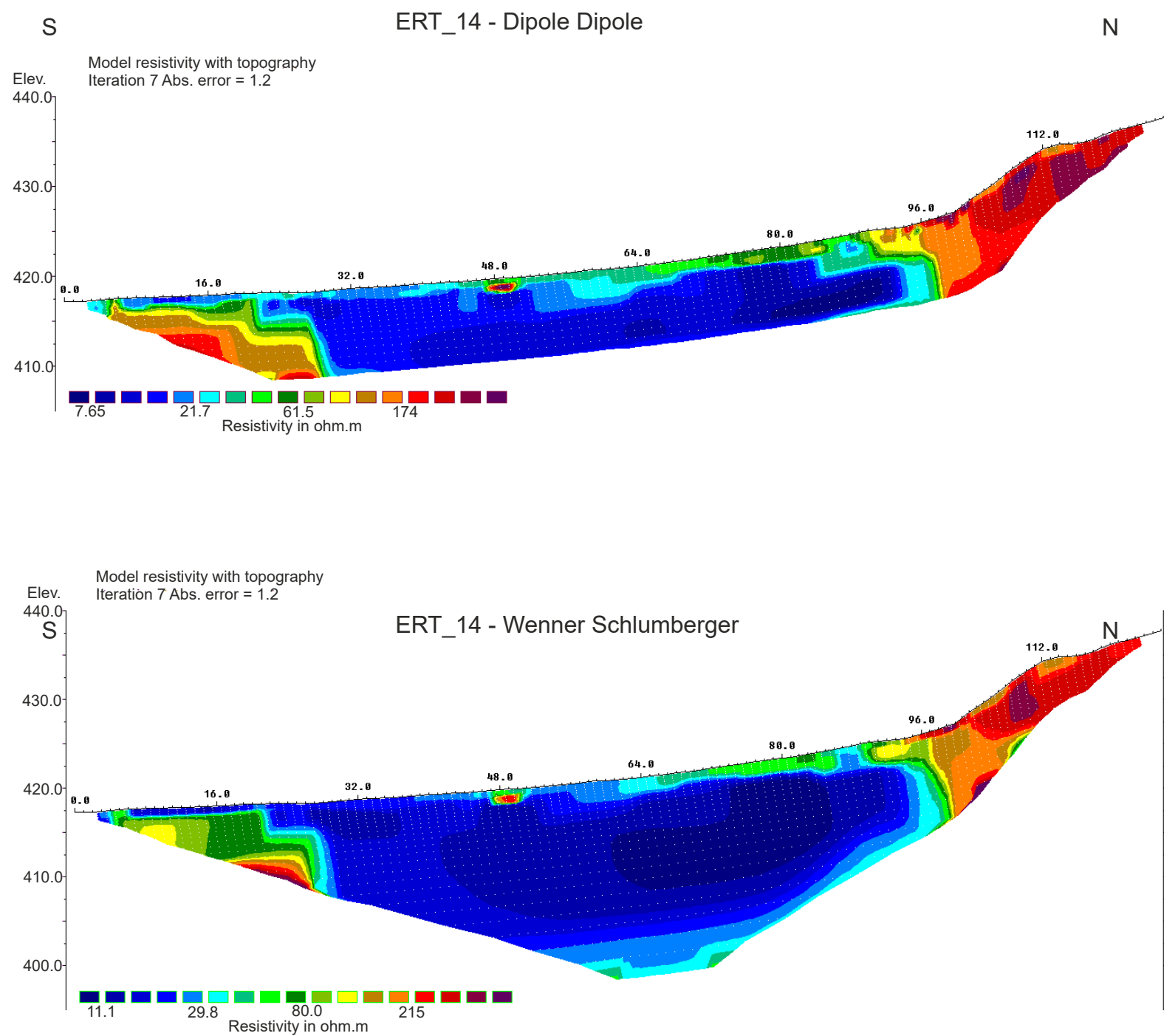
Figure S23

ERT profile of the ERT_14 line acquired with the dipole - dipole array (above) and with the Wenner Schlumberger array (below). See Figure 2b for the line trace.
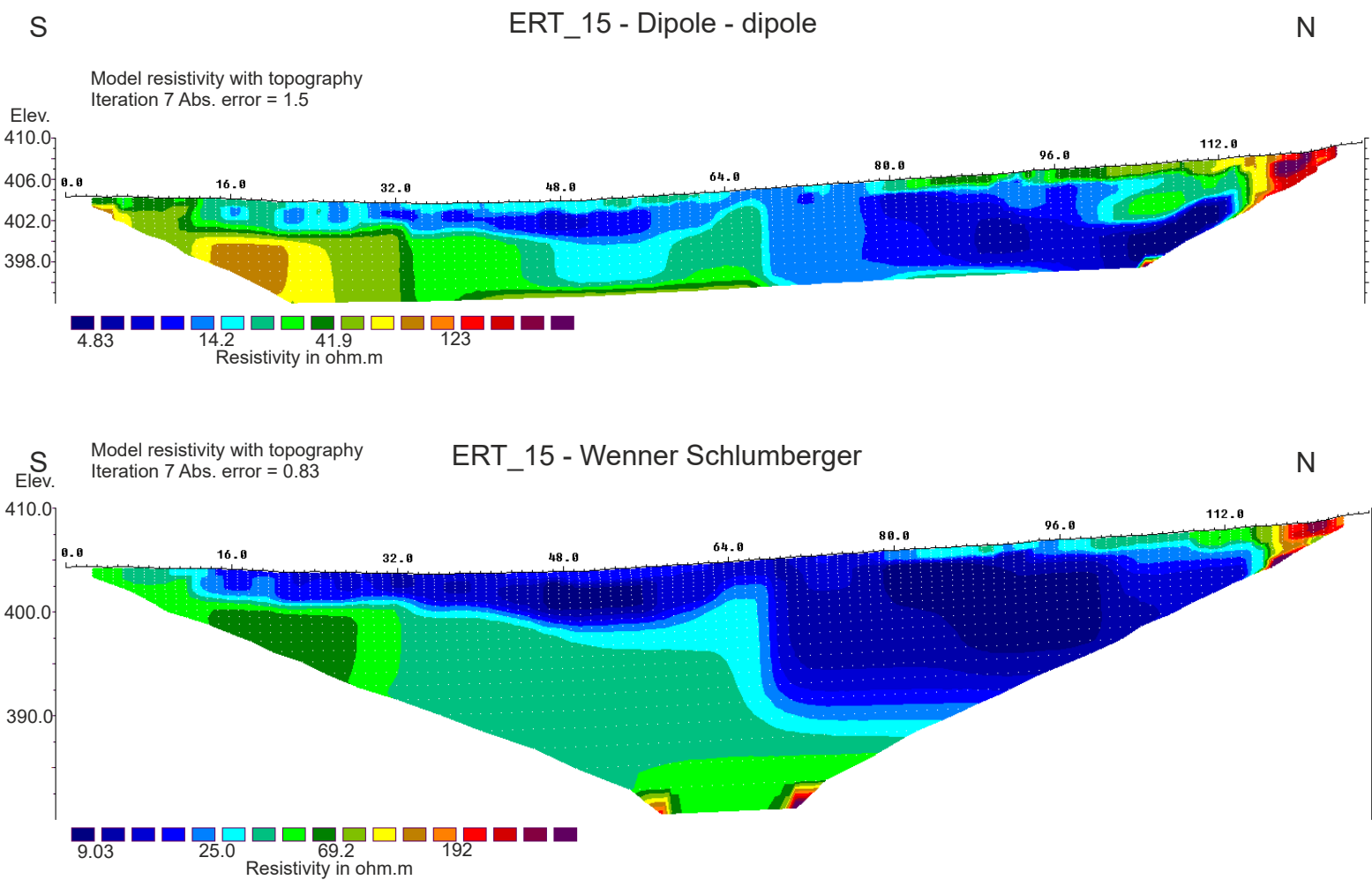
Figure S24

ERT profile of the ERT_15 line acquired with the dipole - dipole array (above) and with the Wenner Schlumberger array (below). See Figure 2b for the line trace.
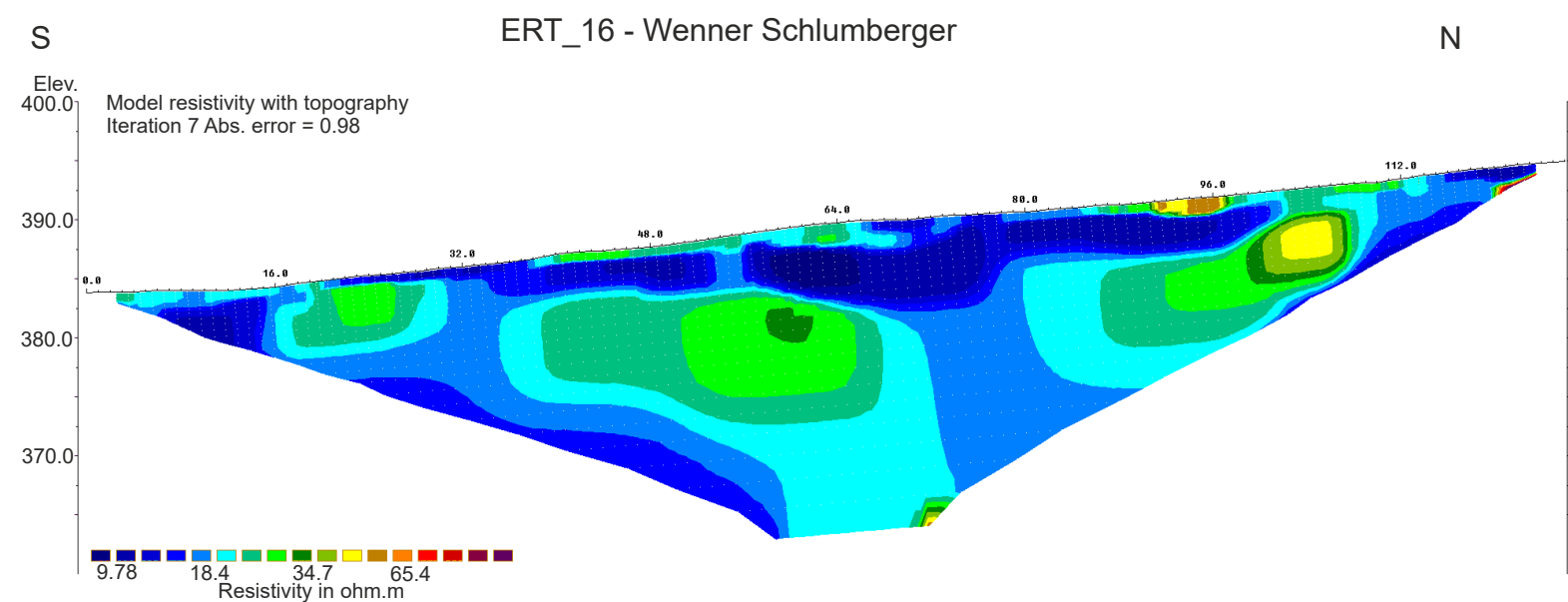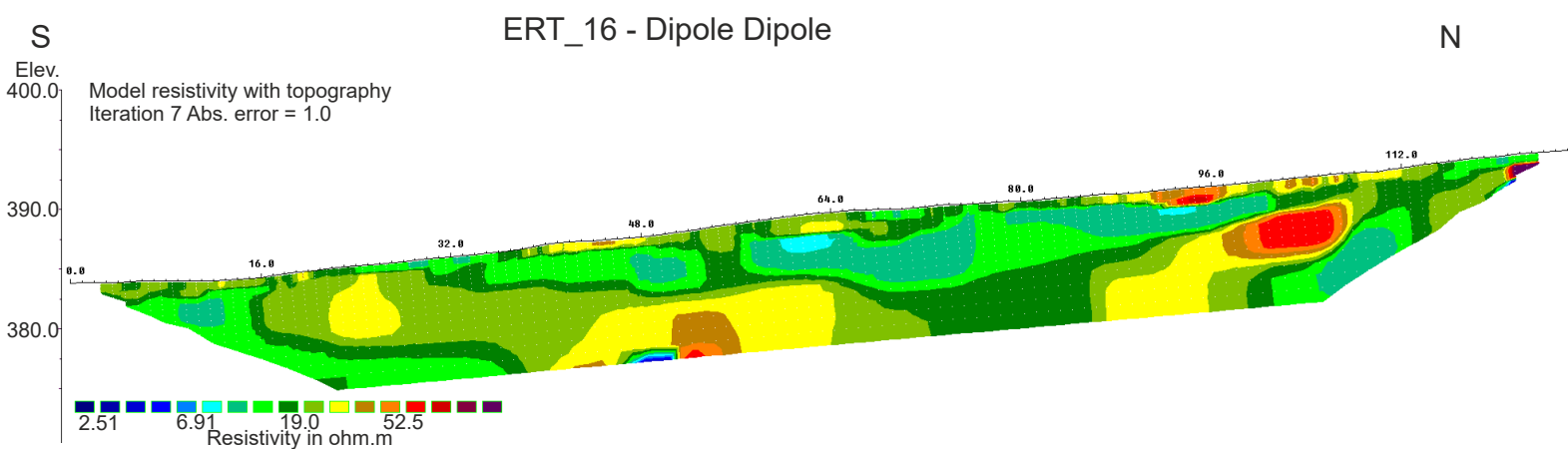
Figure S25

ERT profile of the ERT_16 line acquired with the dipole - dipole array (above) and with the Wenner Schlumberger array (below). See Figure 2c for the line trace.
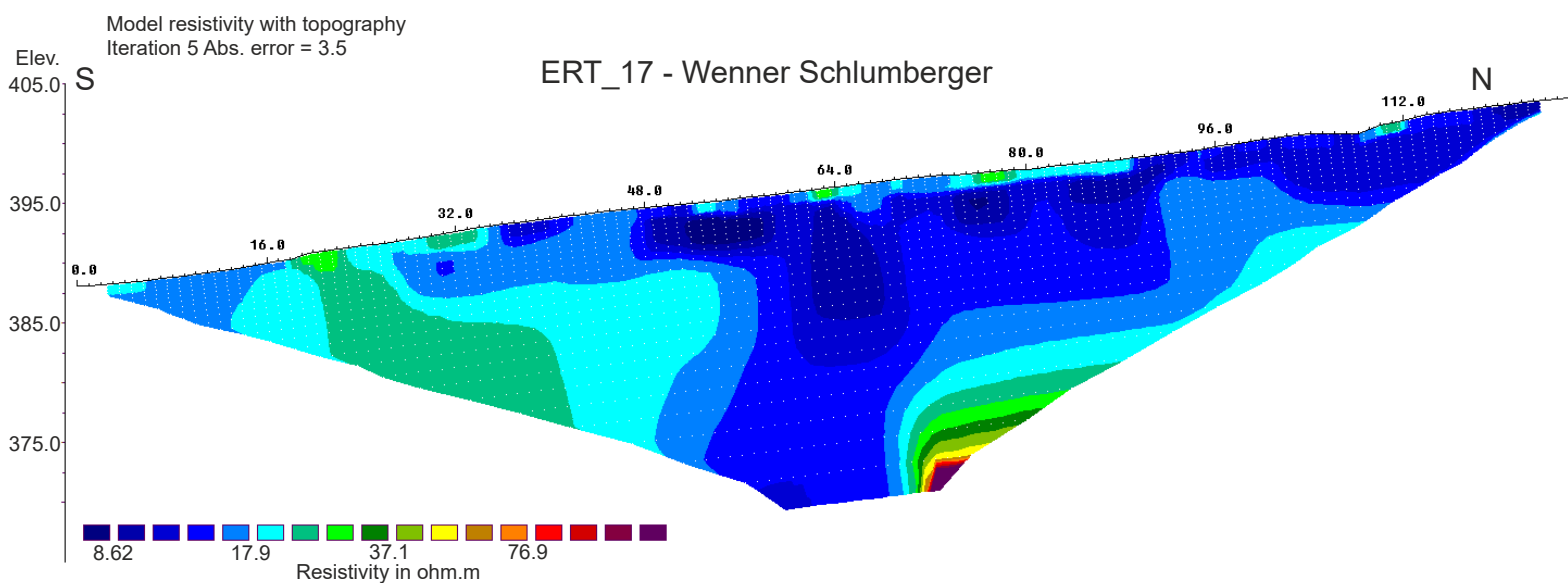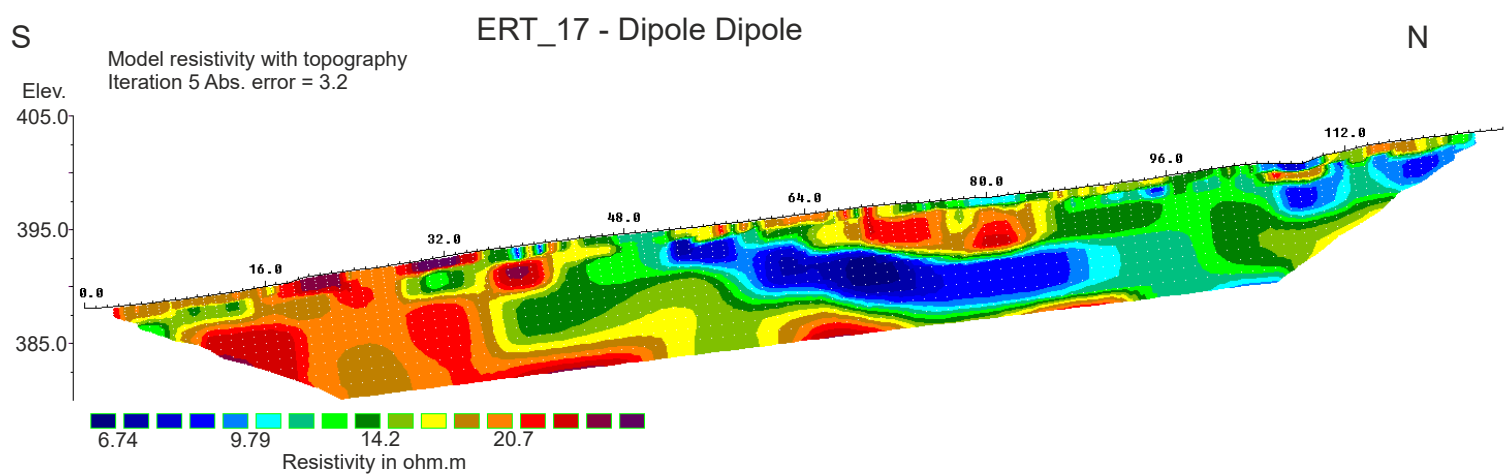
Figure S26

ERT profile of the ERT_17 line acquired with the dipole - dipole array (above) and with the Wenner Schlumberger array (below). See Figure 2c for the line trace.
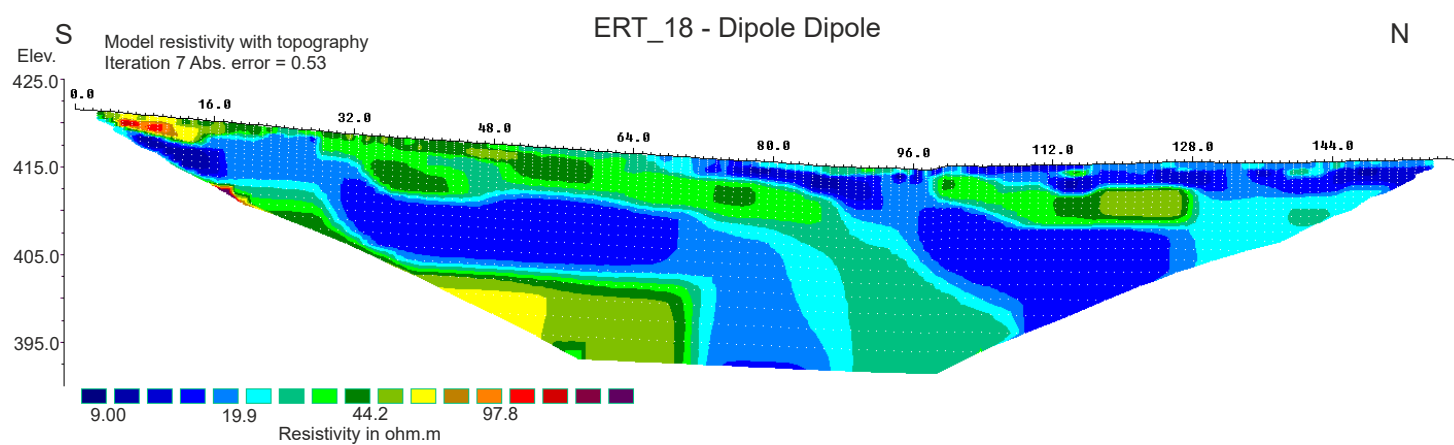
Figure S27

ERT profile of the ERT_18 line acquired with the dipole - dipole array. See Figure 2c for the line trace.
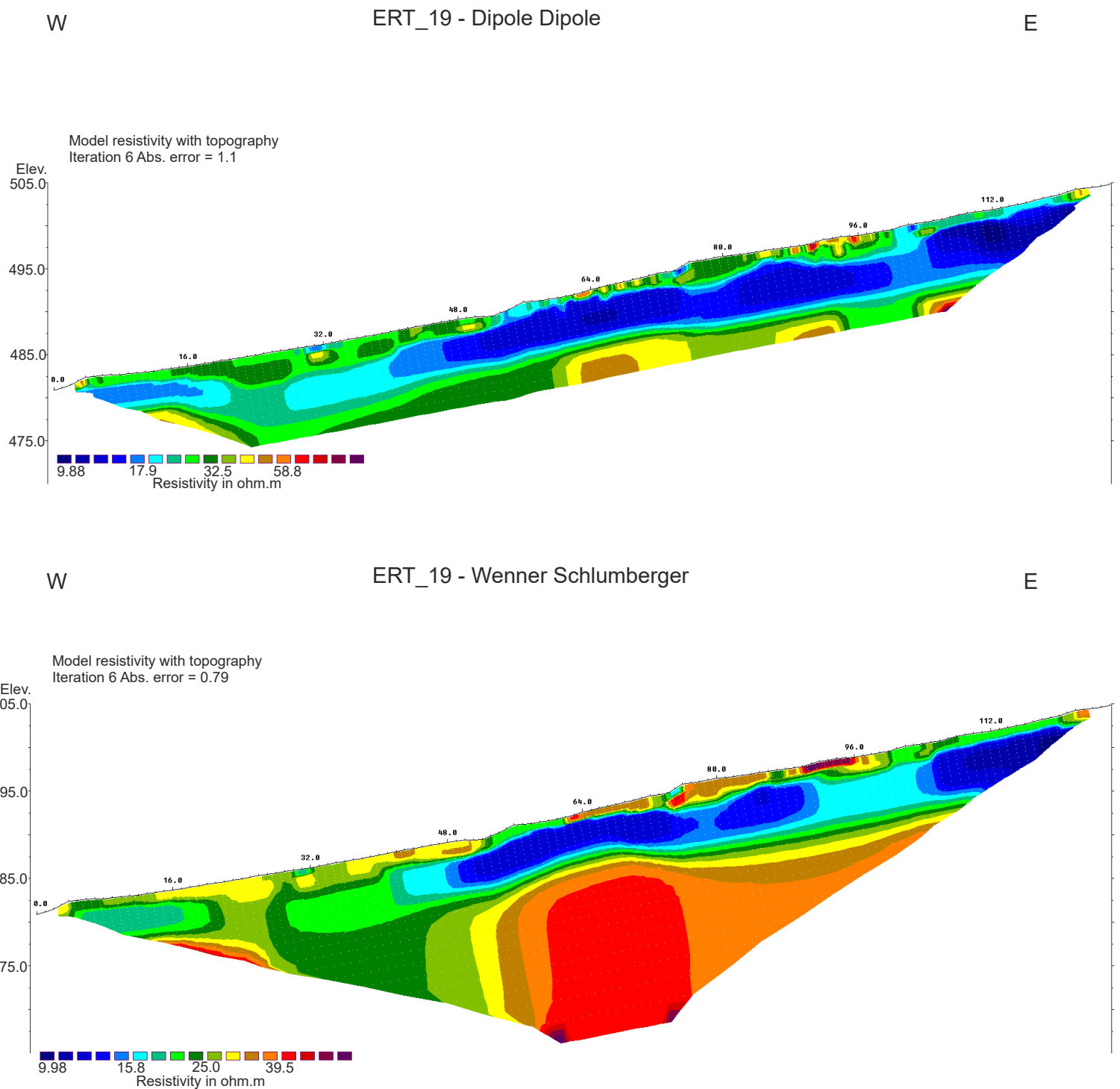
Figure S28

ERT profile of the ERT_19 line acquired with the dipole - dipole array (above) and with the Wenner Schlumberger array (below). See Figure 5b for the line trace.
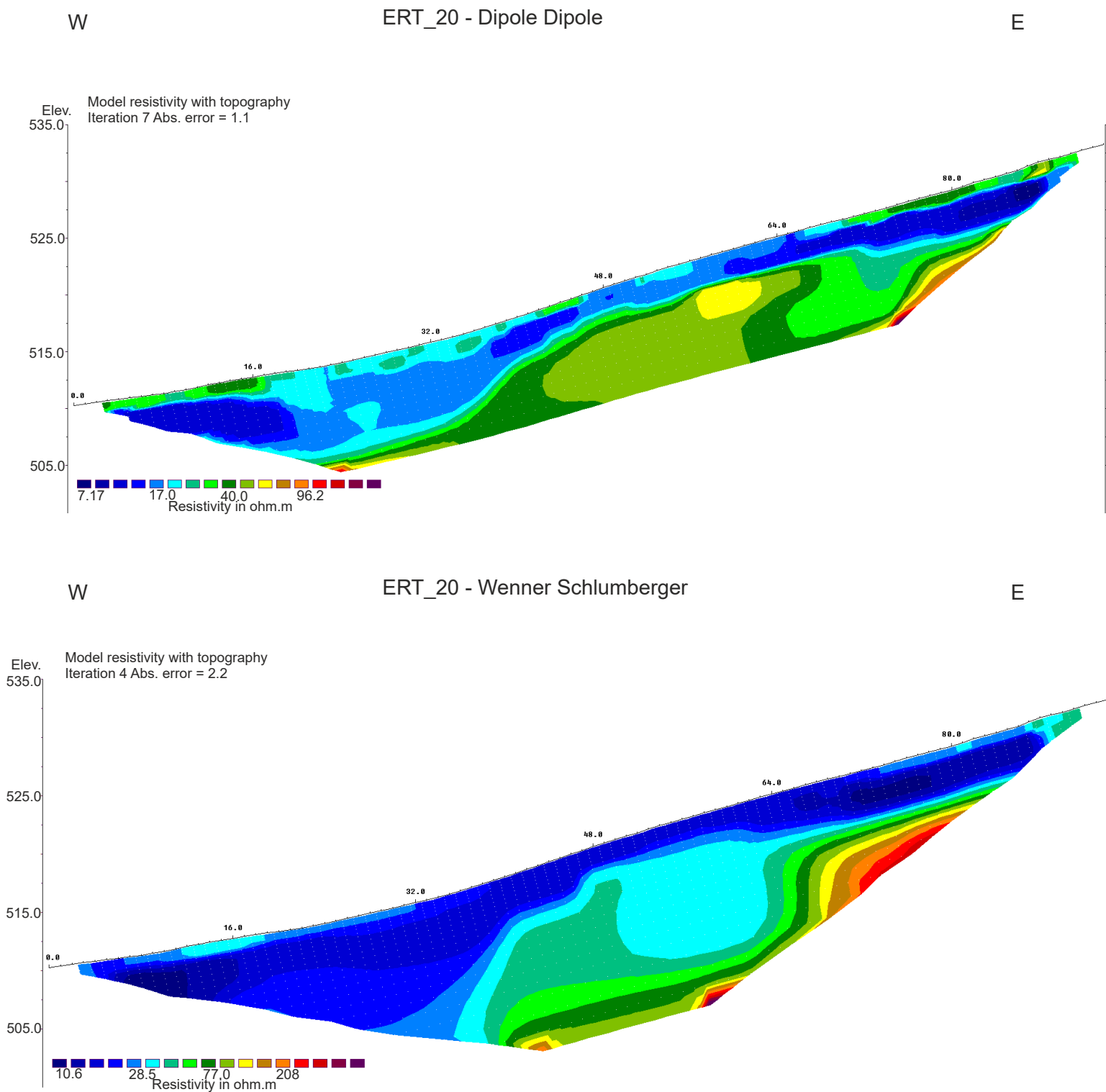
Figure S29

ERT profile of the ERT_20 line acquired with the dipole - dipole array (above) and with the Wenner Schlumberger array (below). See Figure 5b for the line trace.
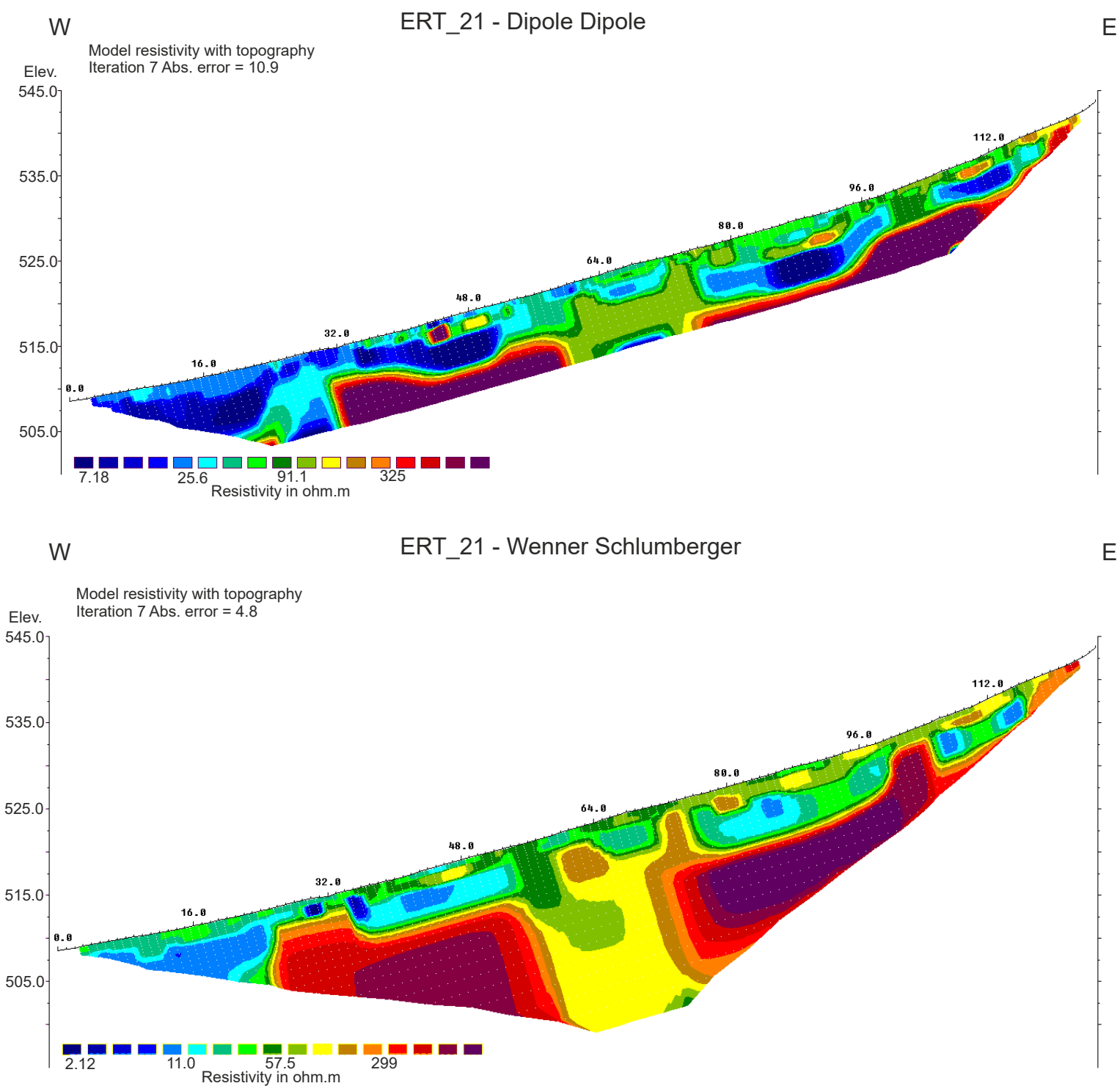
Figure S30

ERT profile of the ERT_21 line acquired with the dipole - dipole array (above) and with the Wenner Schlumberger array (below). See Figure 5b for the line trace.
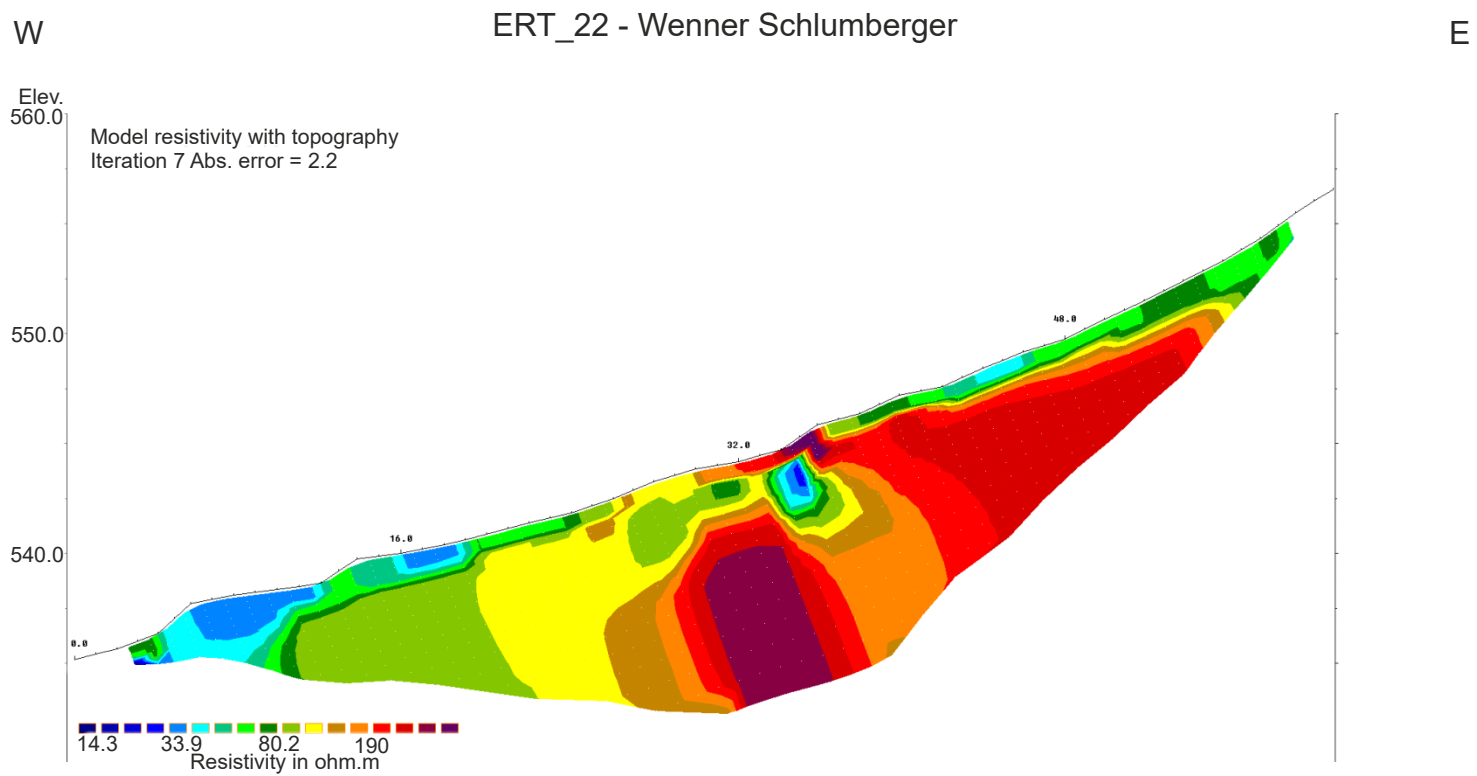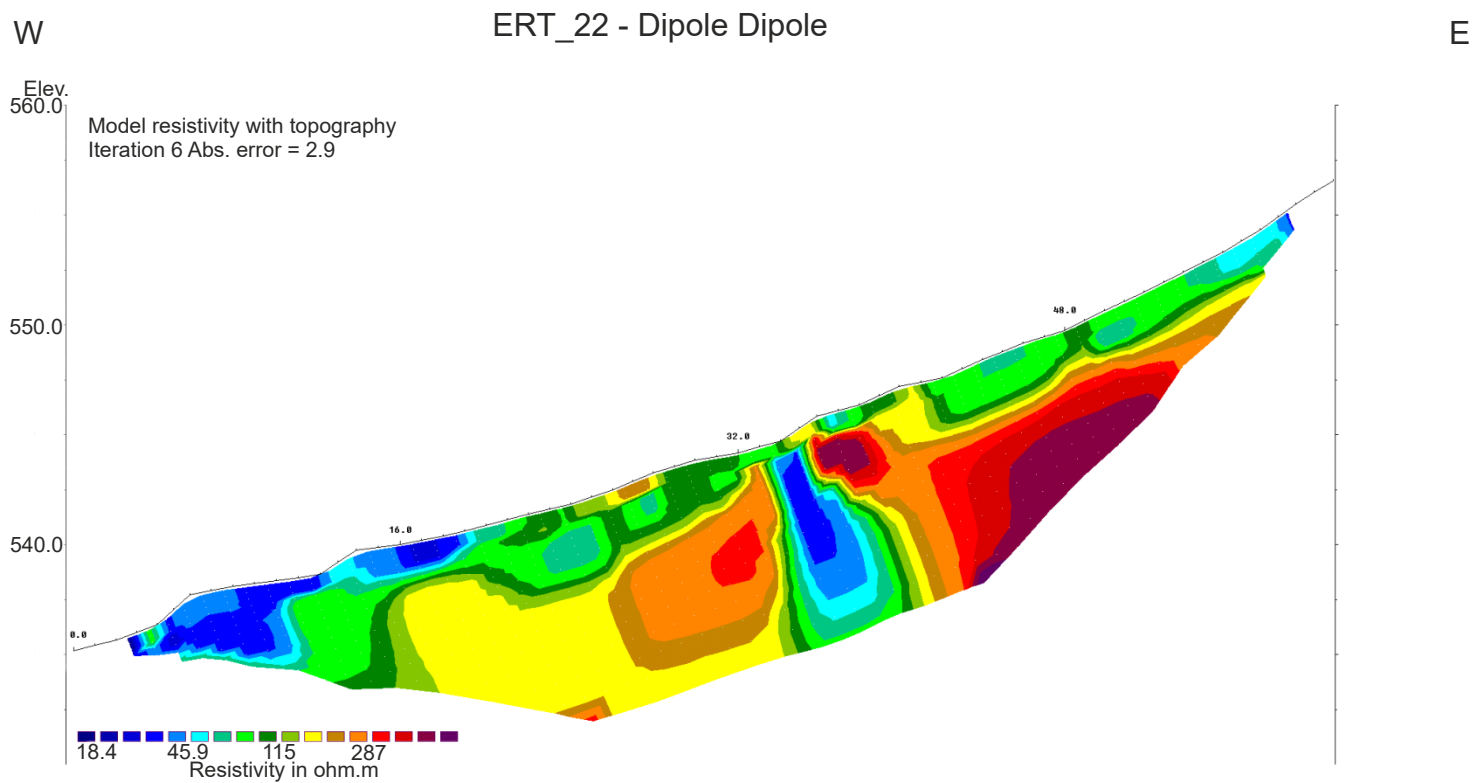
Figure S31

ERT profile of the ERT_22 line acquired with the dipole - dipole array (above) and with the Wenner Schlumberger array (below). See Figure 5b for the line trace.
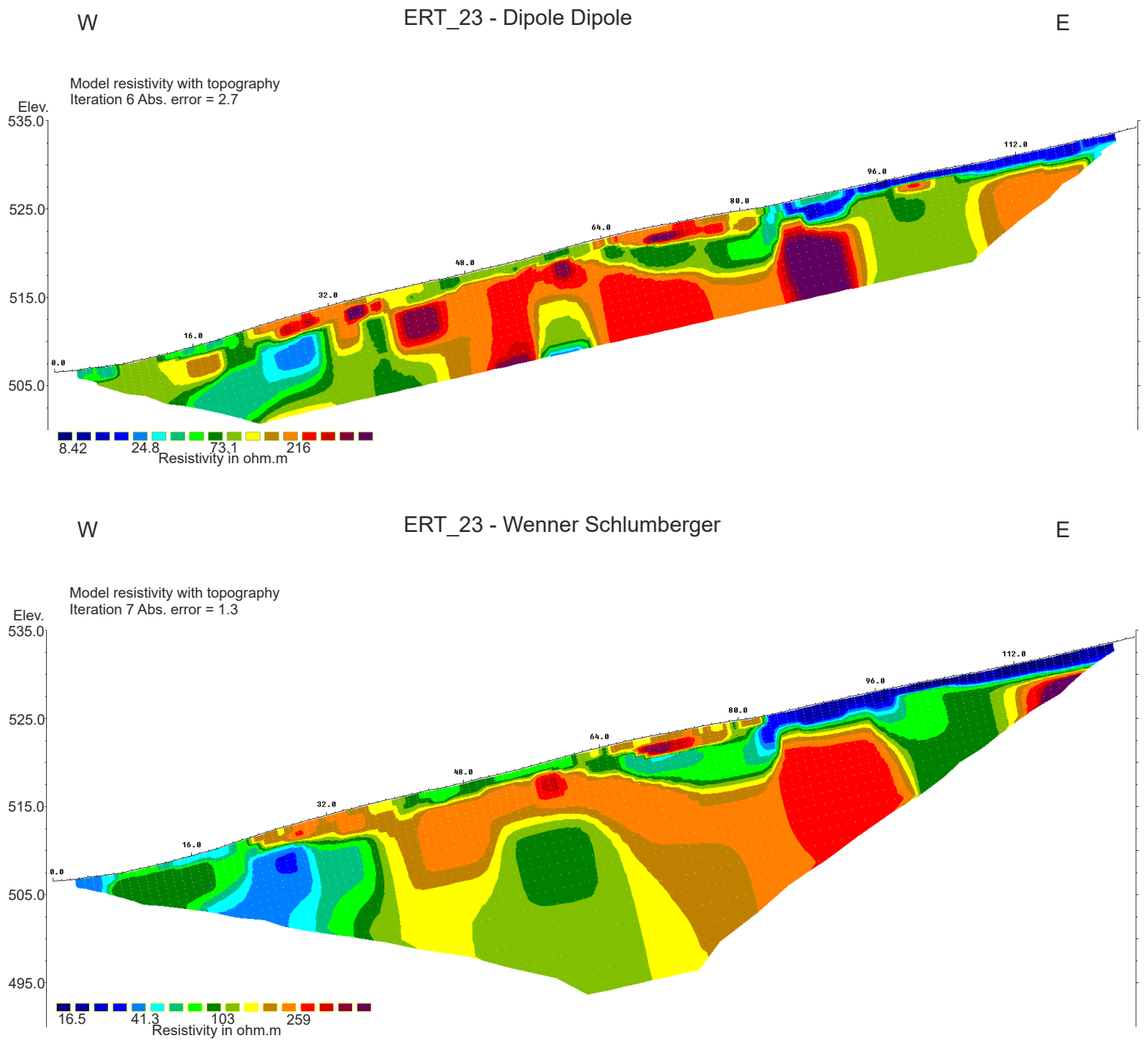
Figure S32

ERT profile of the ERT_23 line acquired with the dipole - dipole array (above) and with the Wenner Schlumberger array (below). See Figure 5b for the line trace.

W   ERT_24 - Dipole Dipole   E

W   ERT_24 - Wenner Schlumberger   E
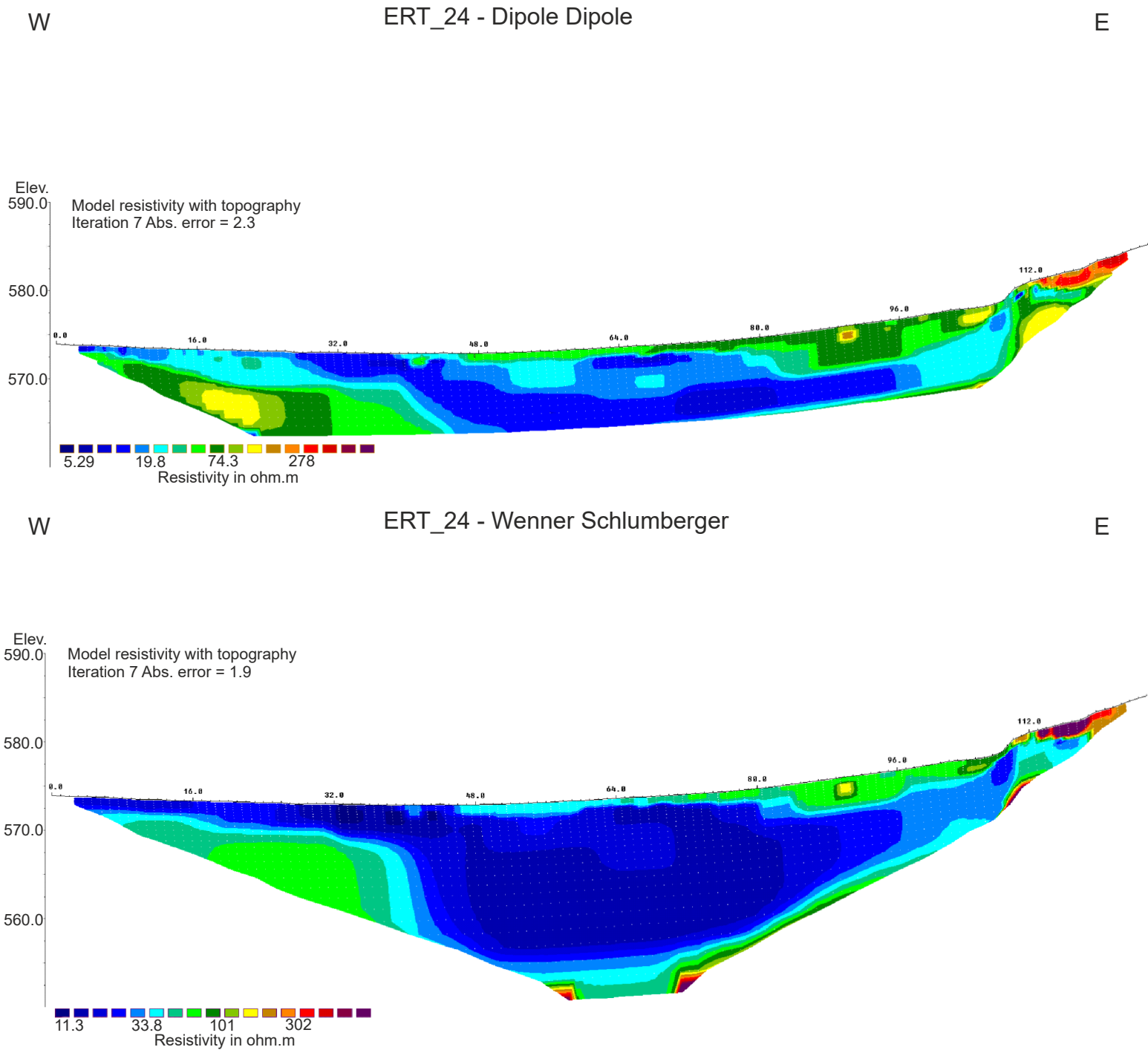
Figure S33

ERT profile of the ERT_24 line acquired with the dipole - dipole array (above) and with the Wenner Schlumberger array (below). See Figure 5c for the line trace.
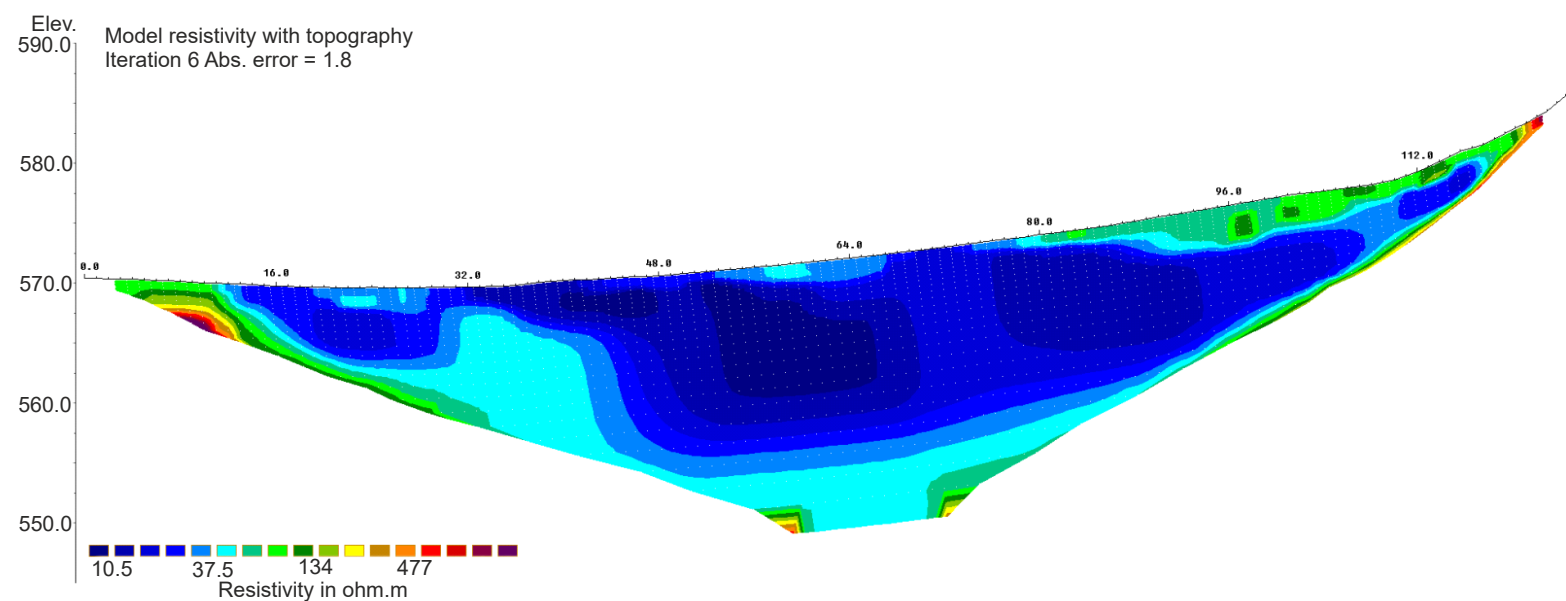
Figure S34

ERT profile of the ERT_25 line acquired with the dipole - dipole array (above) and with the Wenner Schlumberger array (below). See Figure 5c for the line trace.