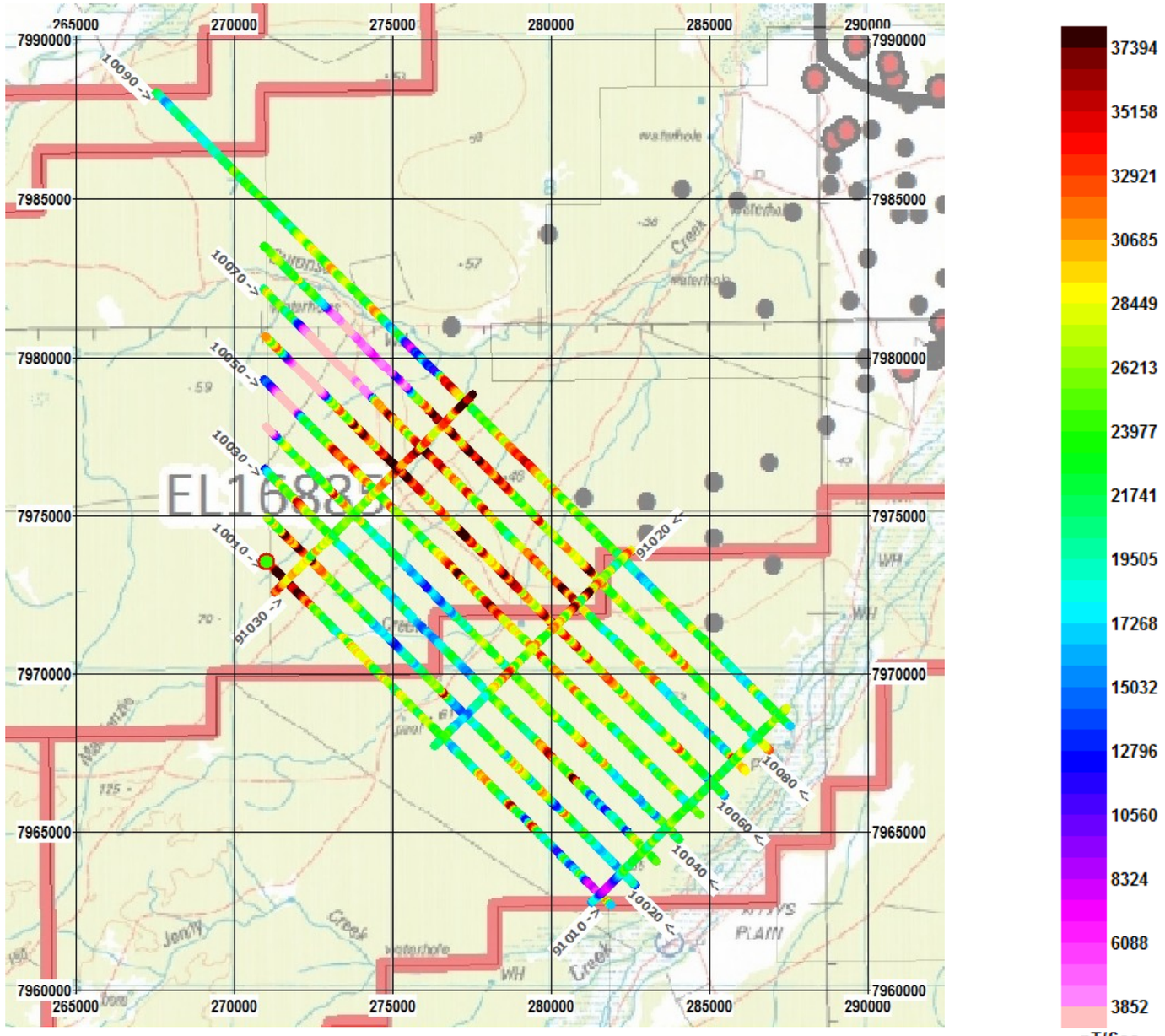
2011 VTEM Inversion Studies

LAWN HILL BLOCK 2

OCTOBER 2011

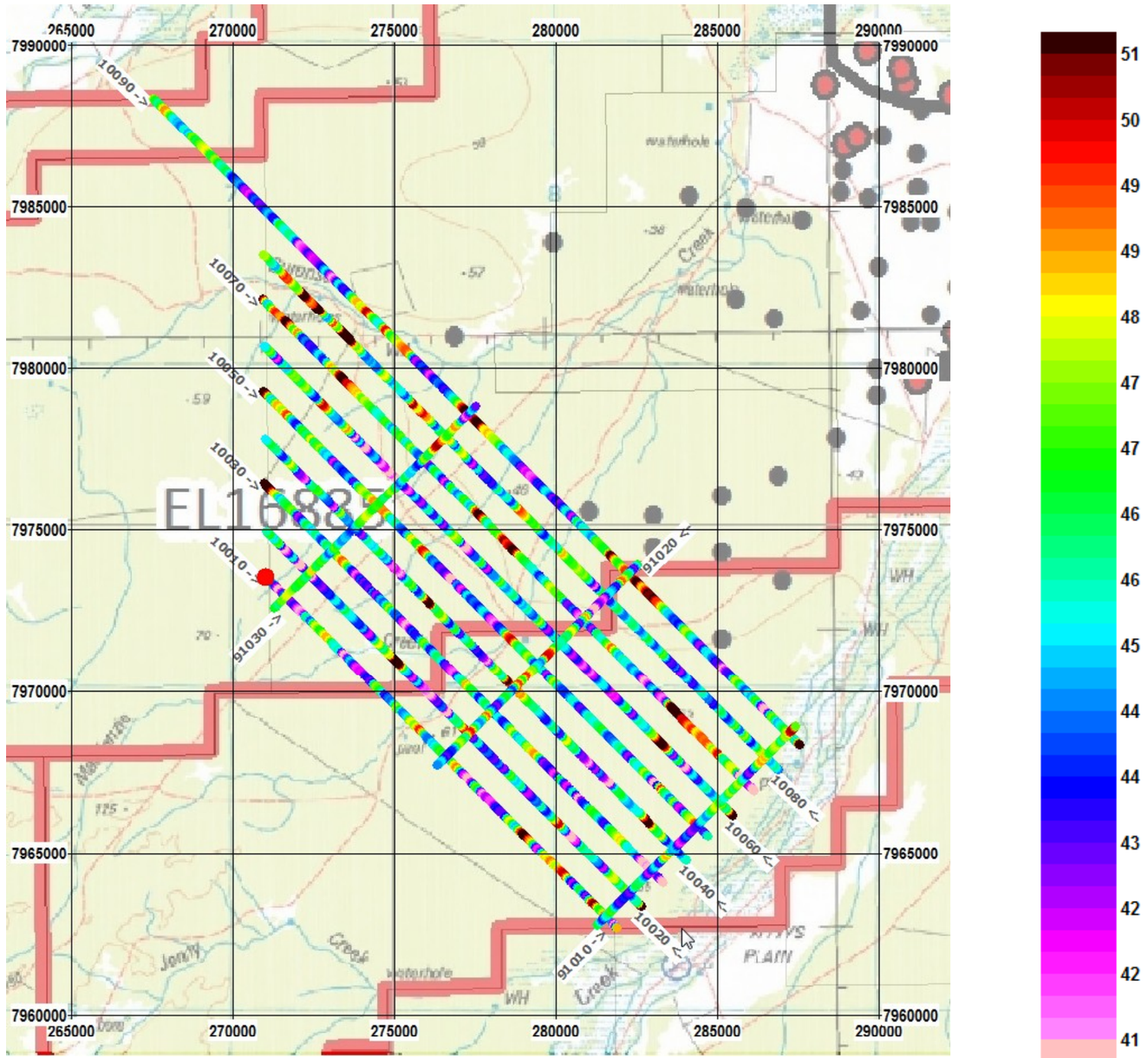
Petros Eikon Inc.

Lawn Hill Block 2



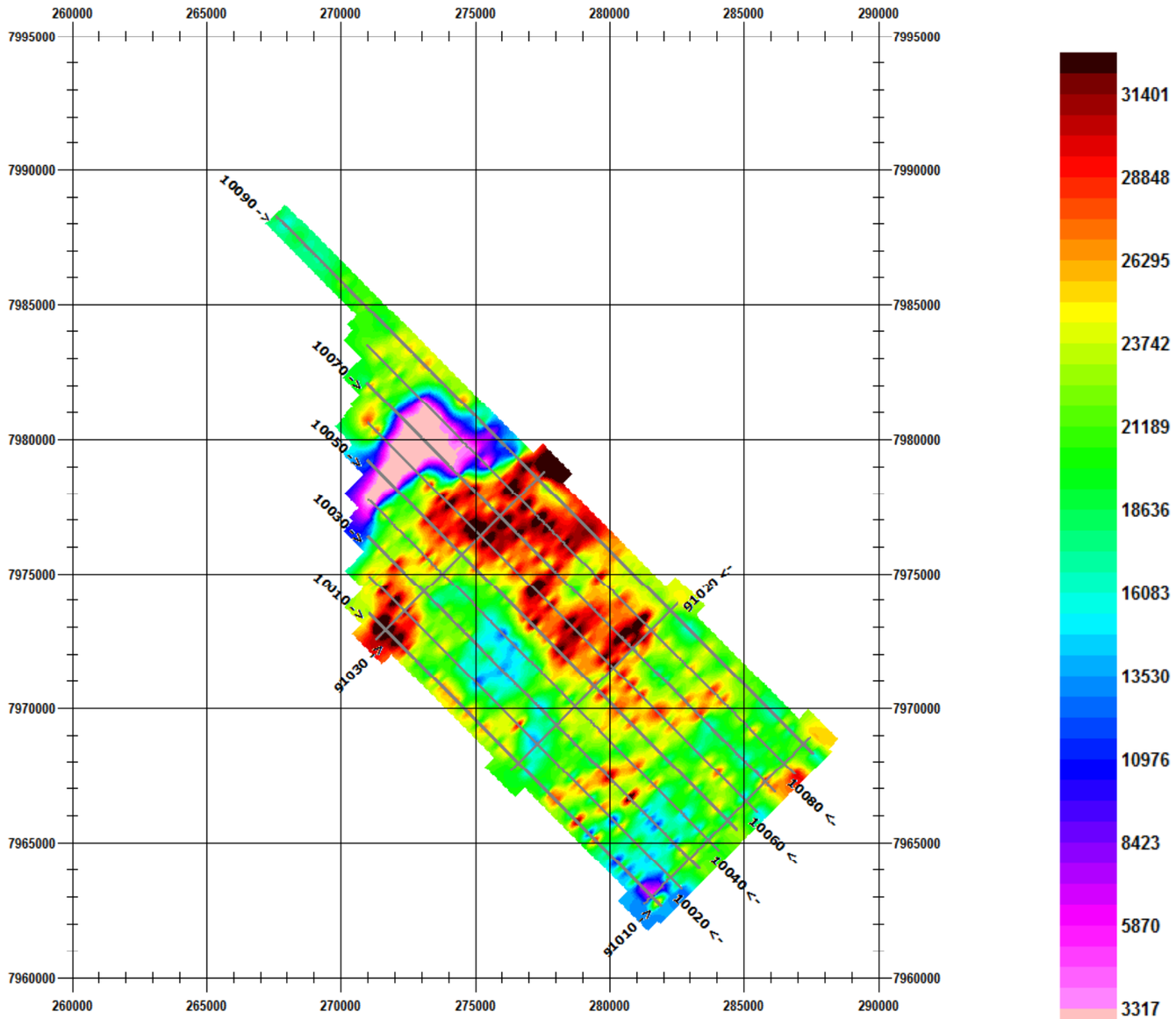
Channel 6 Hz displayed (.167 msec).

Lawn Hill Block 2



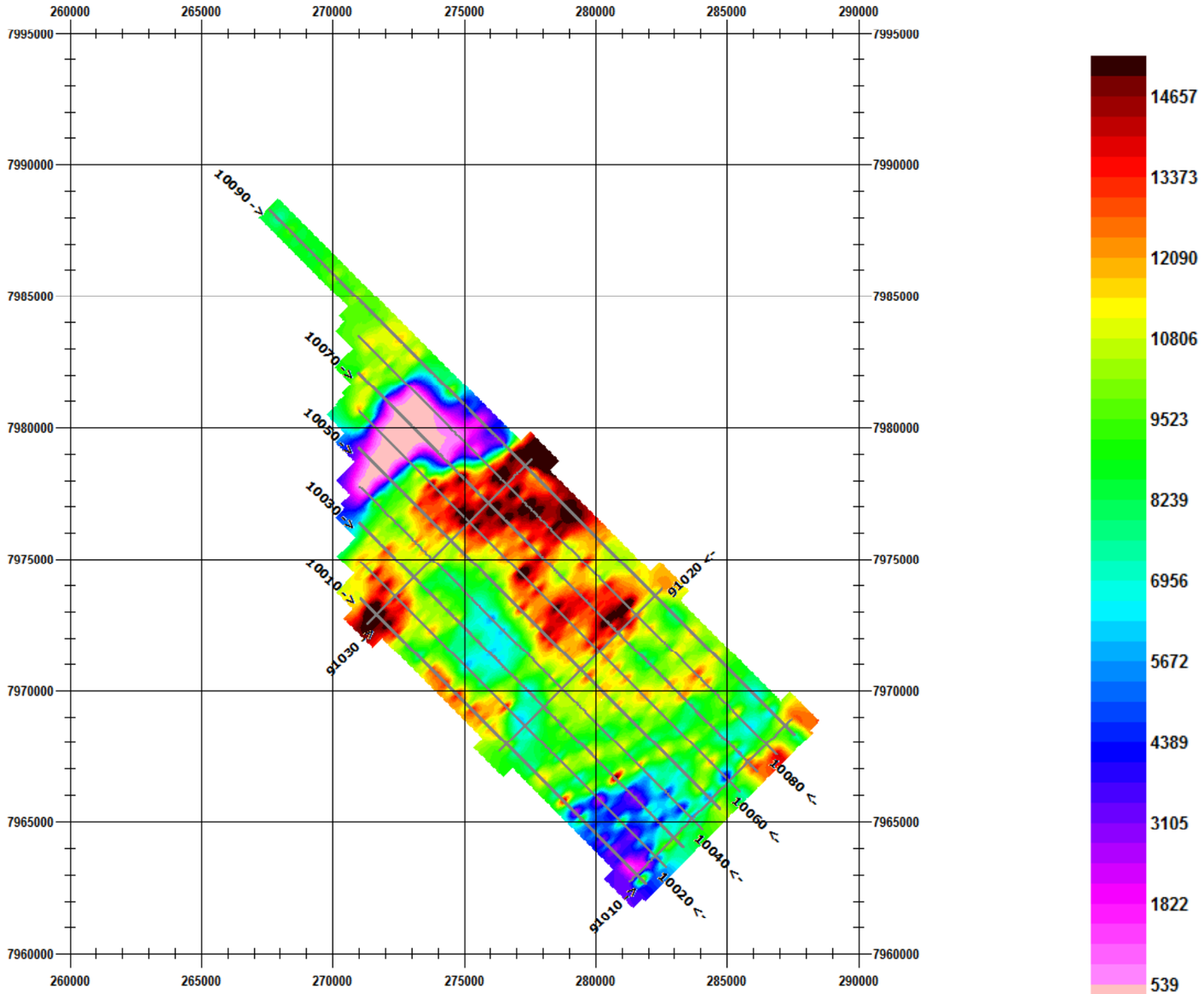
Bird Height.

Lawn Hill Block 2



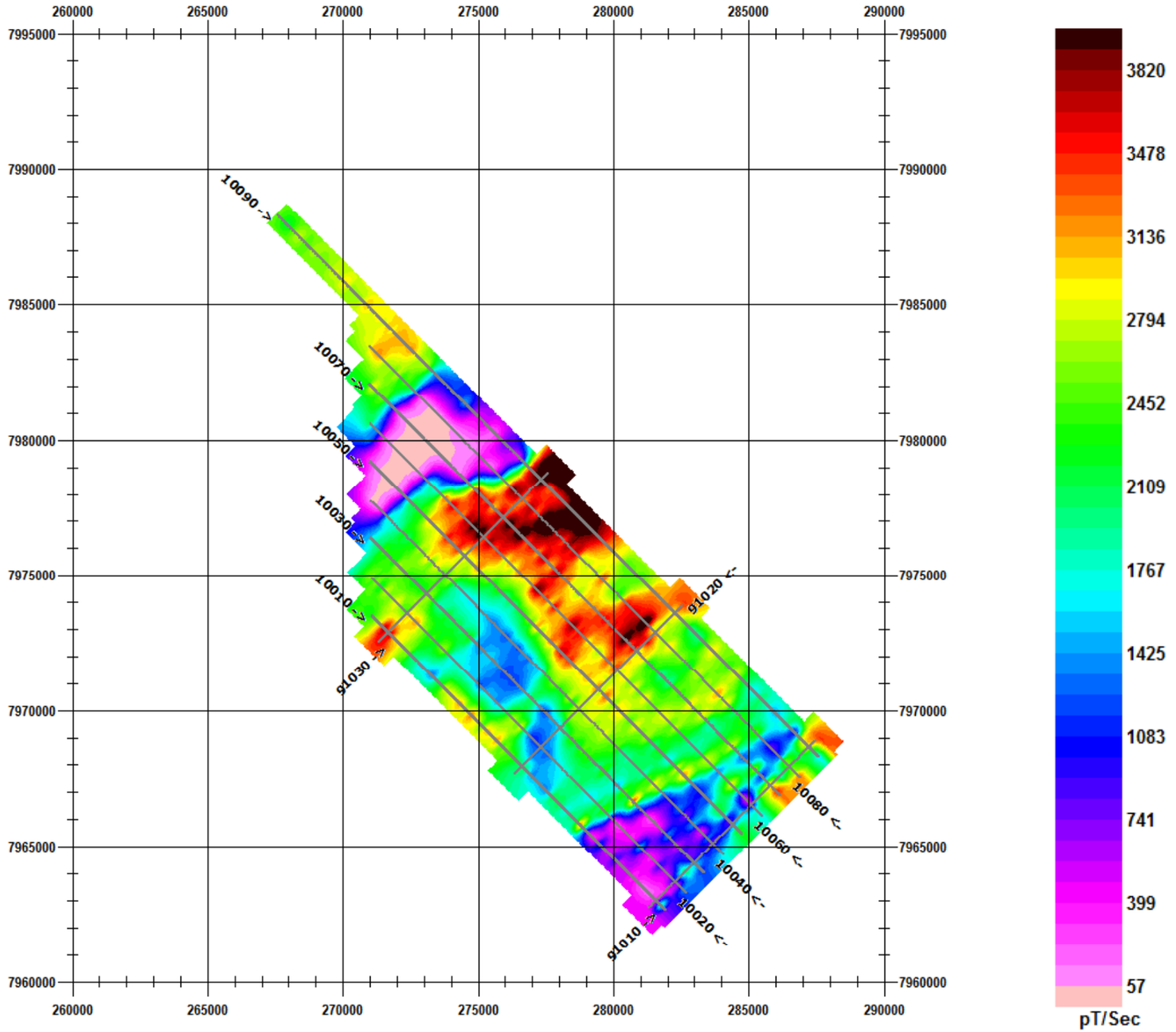
Block 2: Hz Ch7 contour from a grid with grid cells which are 50m in NW-SE direction and 500m orthogonally.

Lawn Hill Block 2



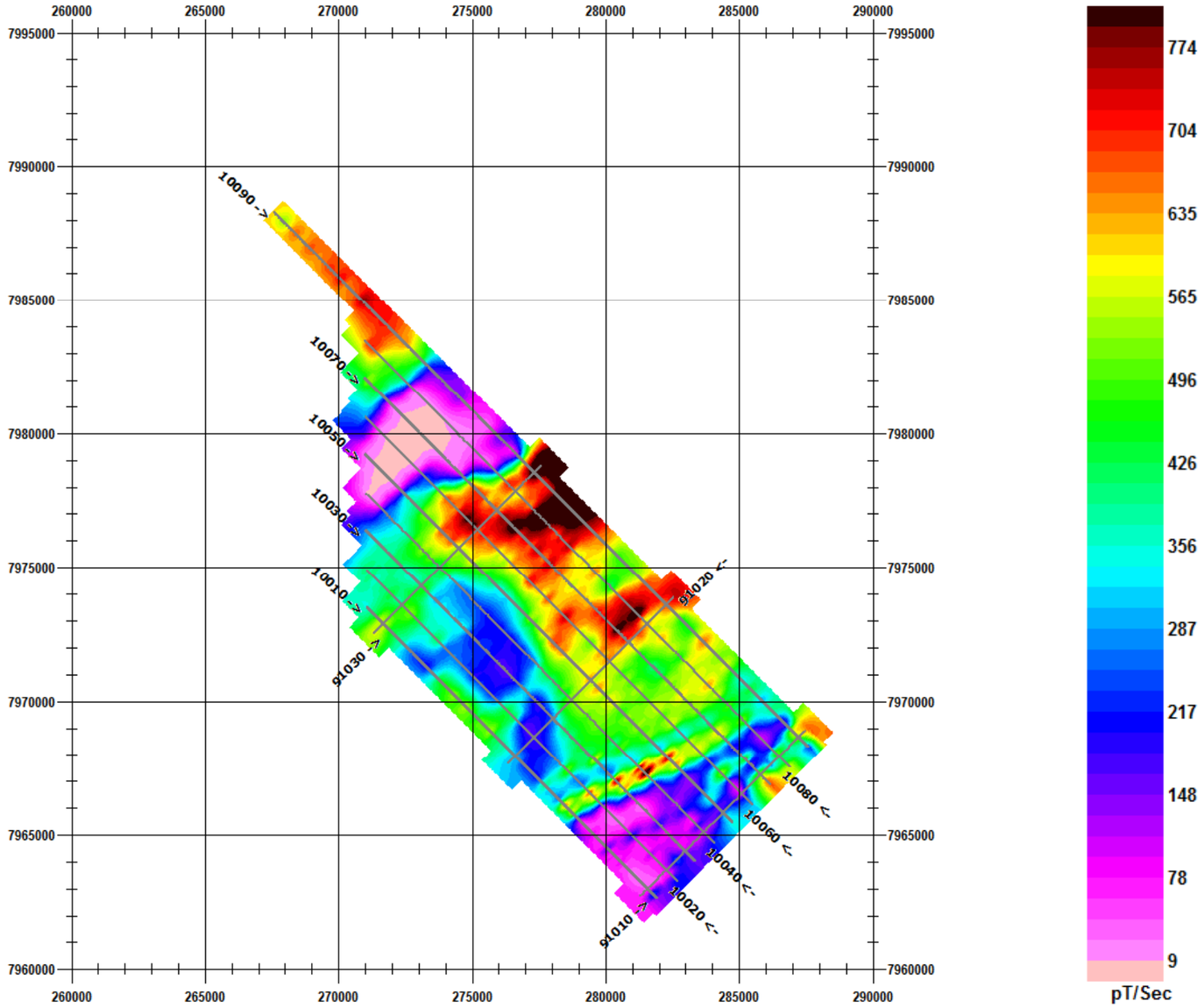
Block 2: Hz Ch14 contour from a grid with grid cells which are 50m in NW-SE direction and 500m orthogonally.

Lawn Hill Block 2



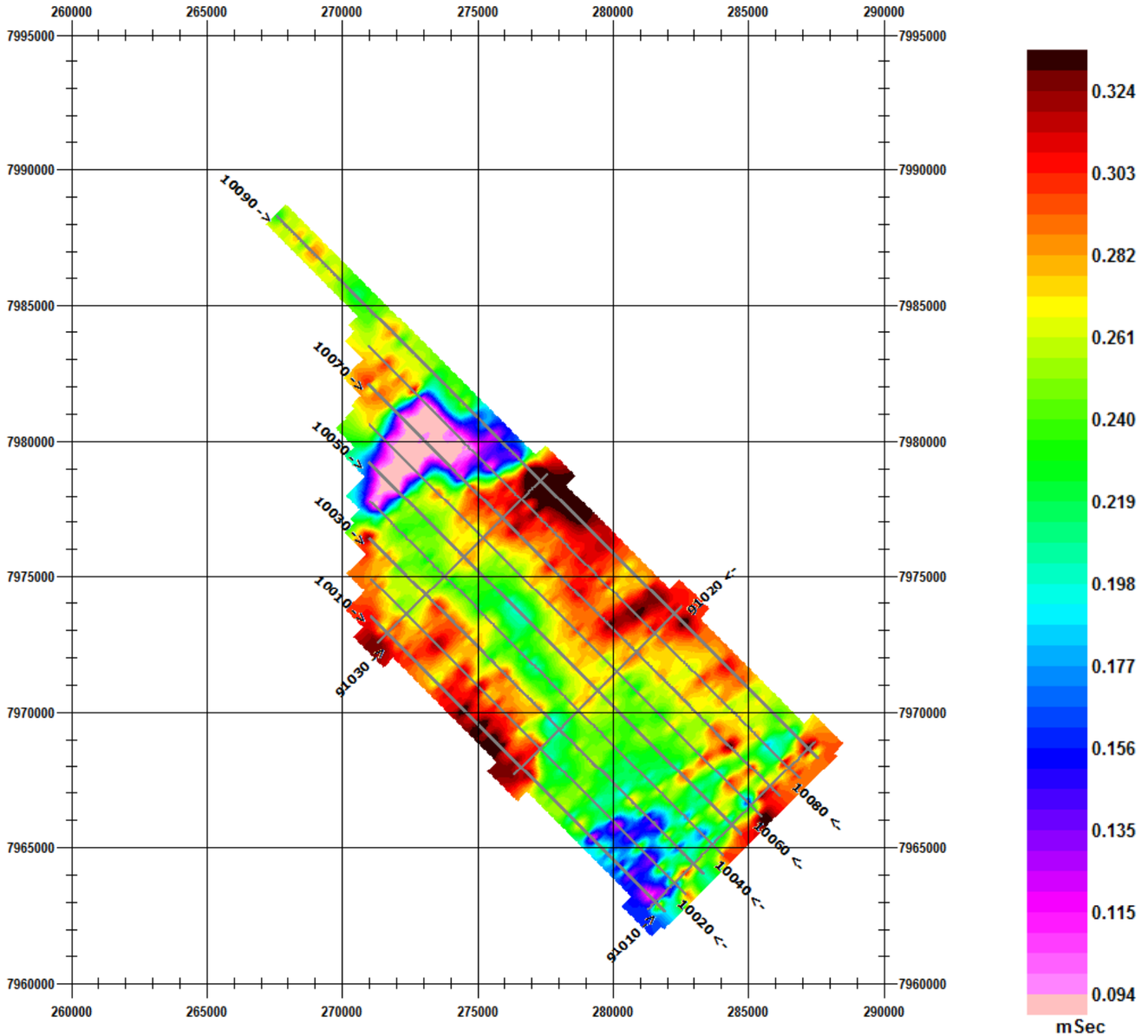
Block 2: Hz Ch22 contour from a grid with grid cells which are 50m in NW-SE direction and 500m orthogonally.

Lawn Hill Block 2



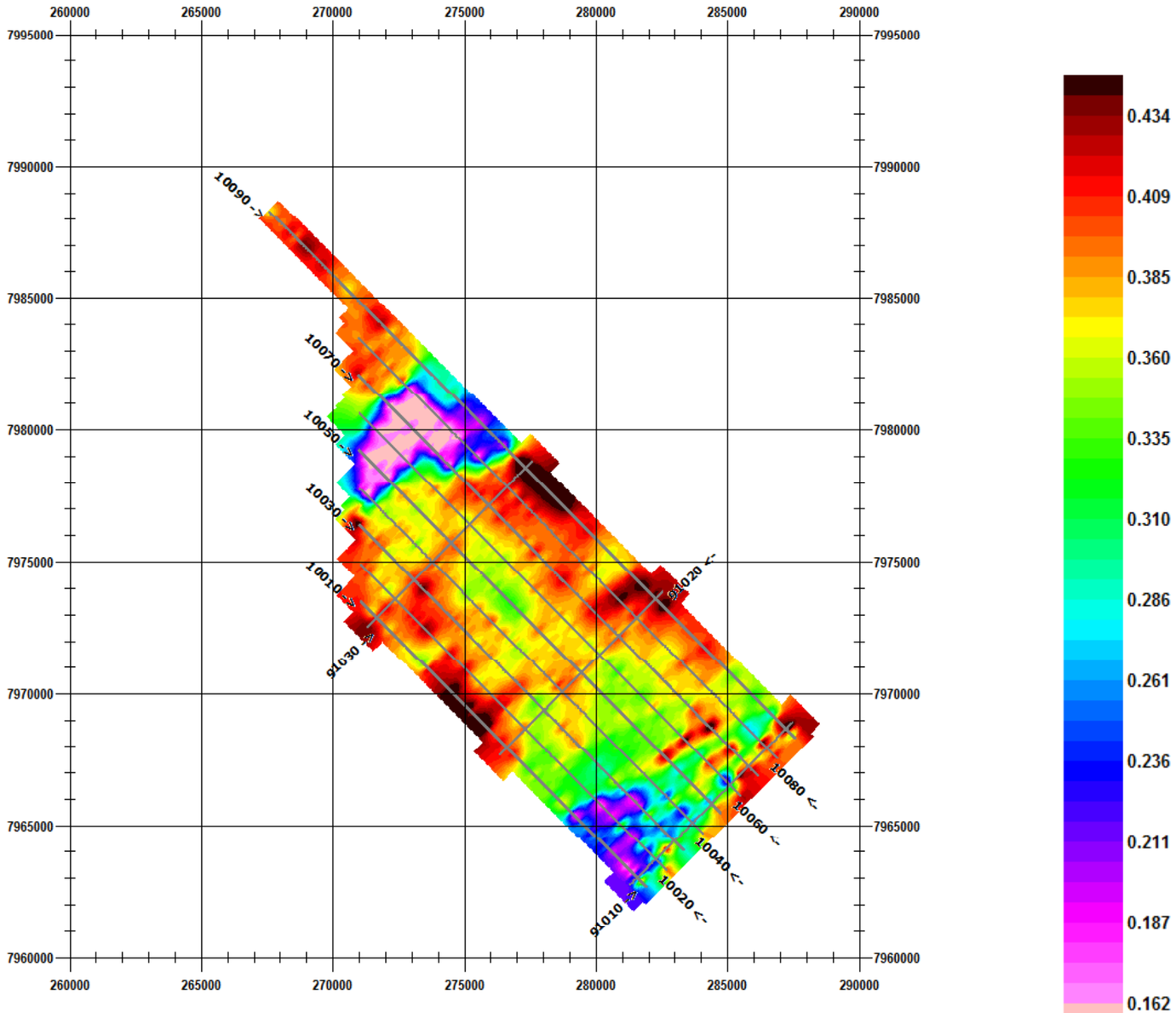
Block 2: Hz Ch28 contour from a grid with grid cells which are 50m in NW-SE direction and 500m orthogonally.

Lawn Hill Block 2



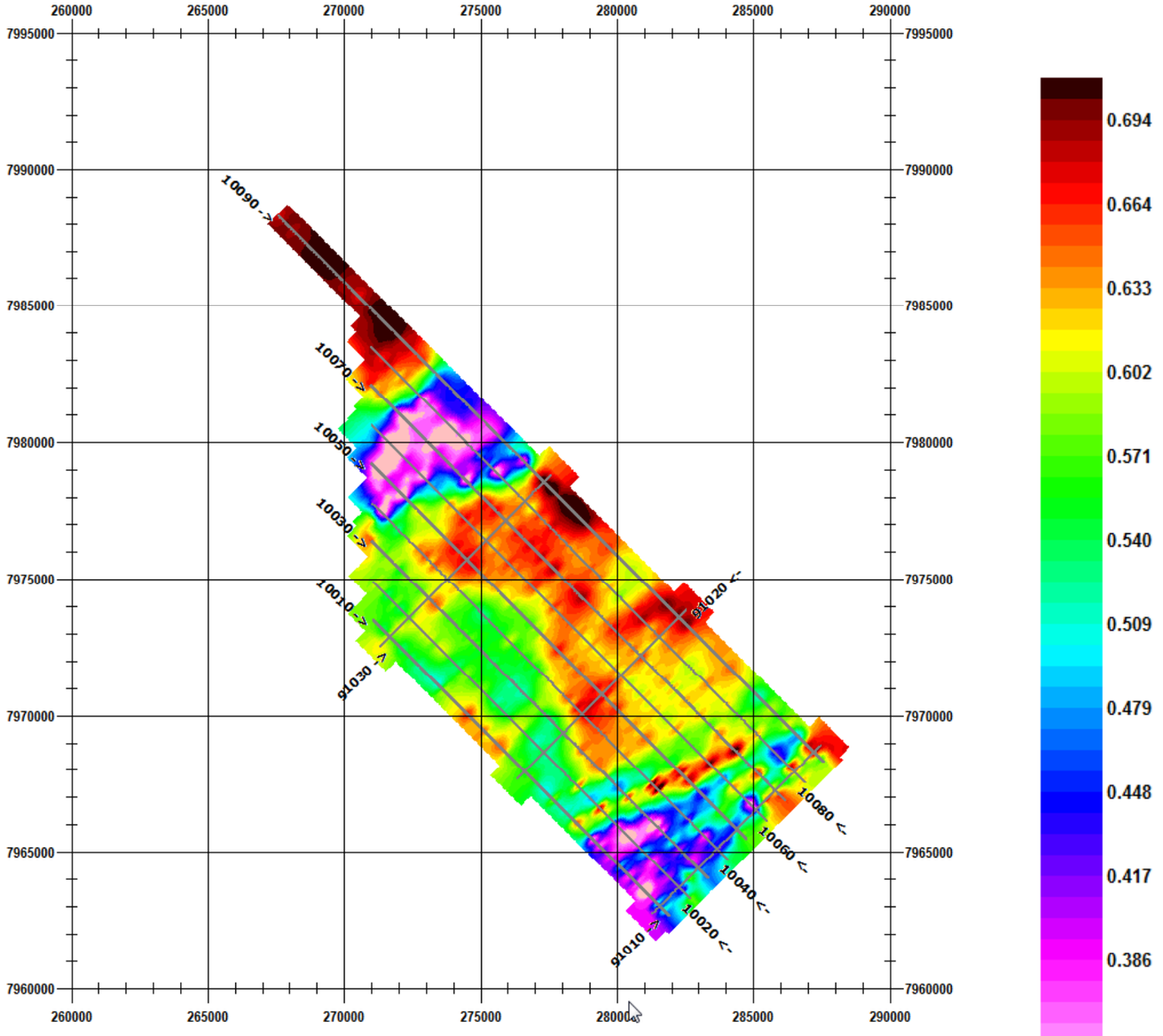
Block 2: Decay rate (exponential) Ch3-Ch9 in msec.

Lawn Hill Block 2



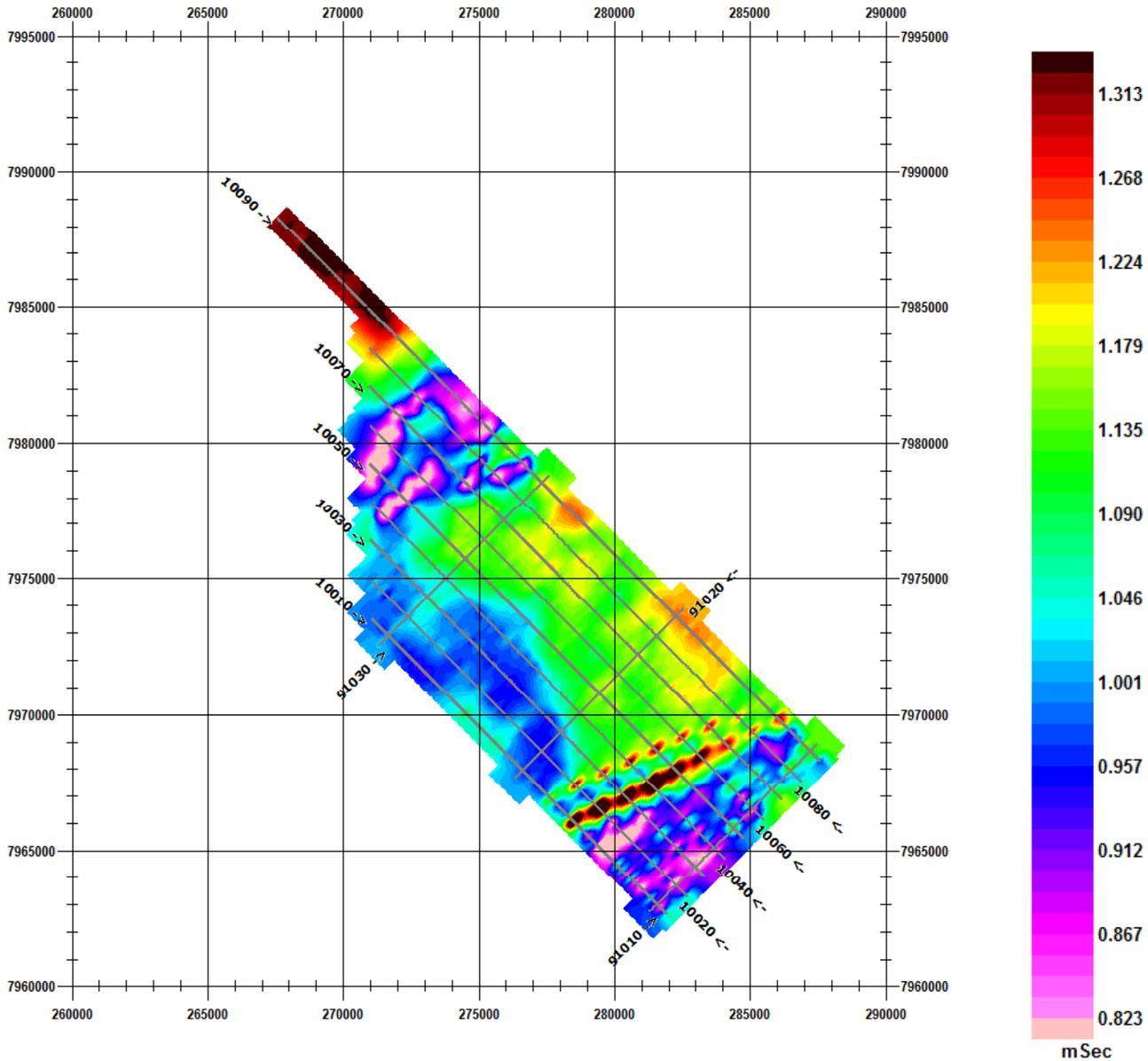
Block 2: Decay rate (exponential) Ch7-Ch13 in msec.

Lawn Hill Block 2



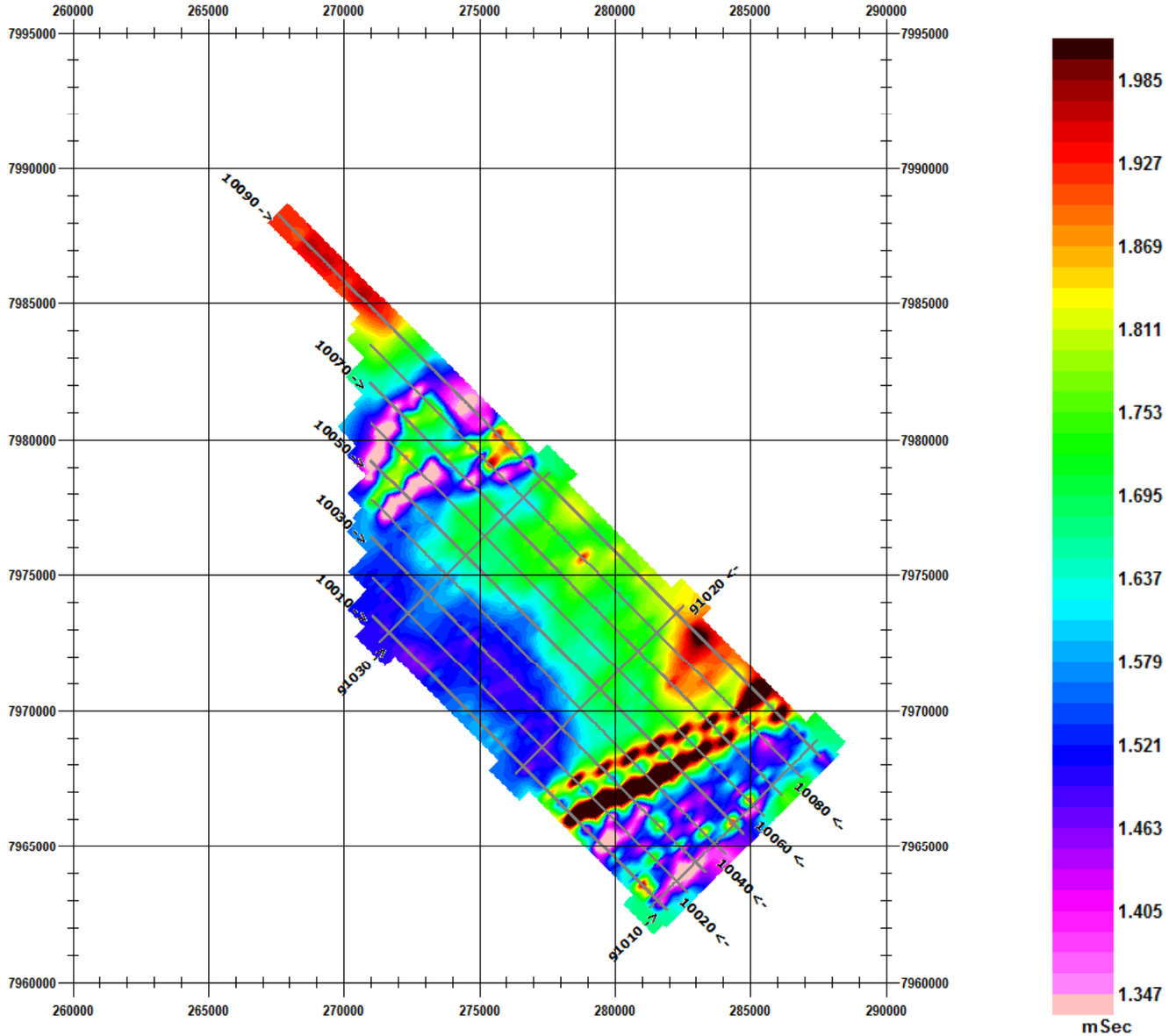
Block 2: Decay rate (exponential) Ch13-Ch19 in msec.

Lawn Hill Block 2



Block 2: Decay rate (exponential) Ch21-Ch27 in msec.

Lawn Hill Block 2

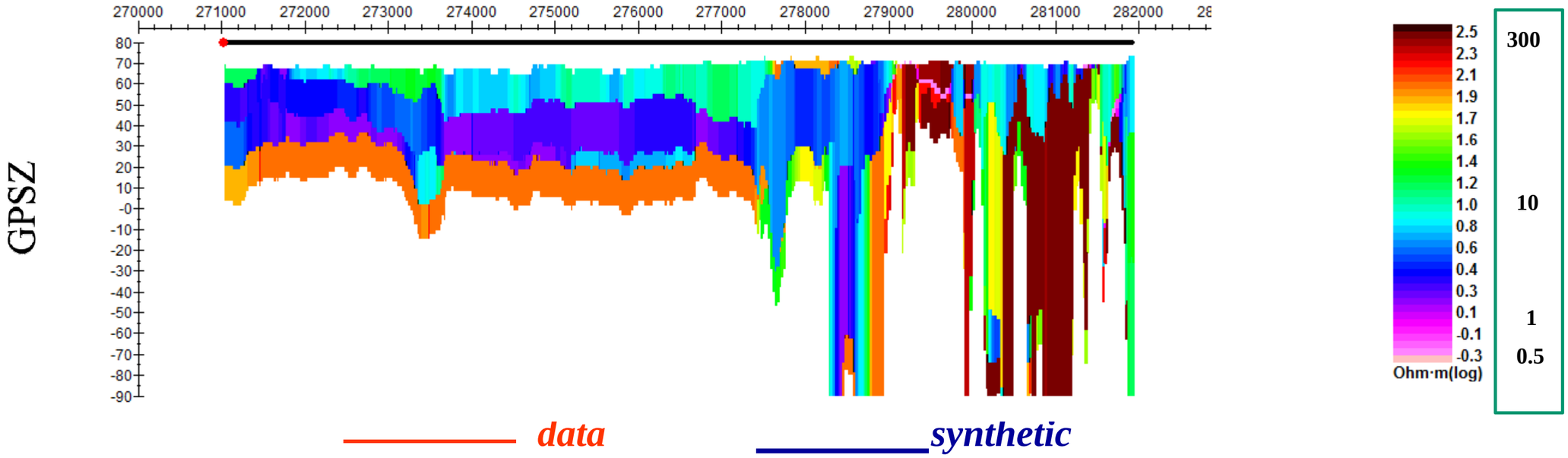


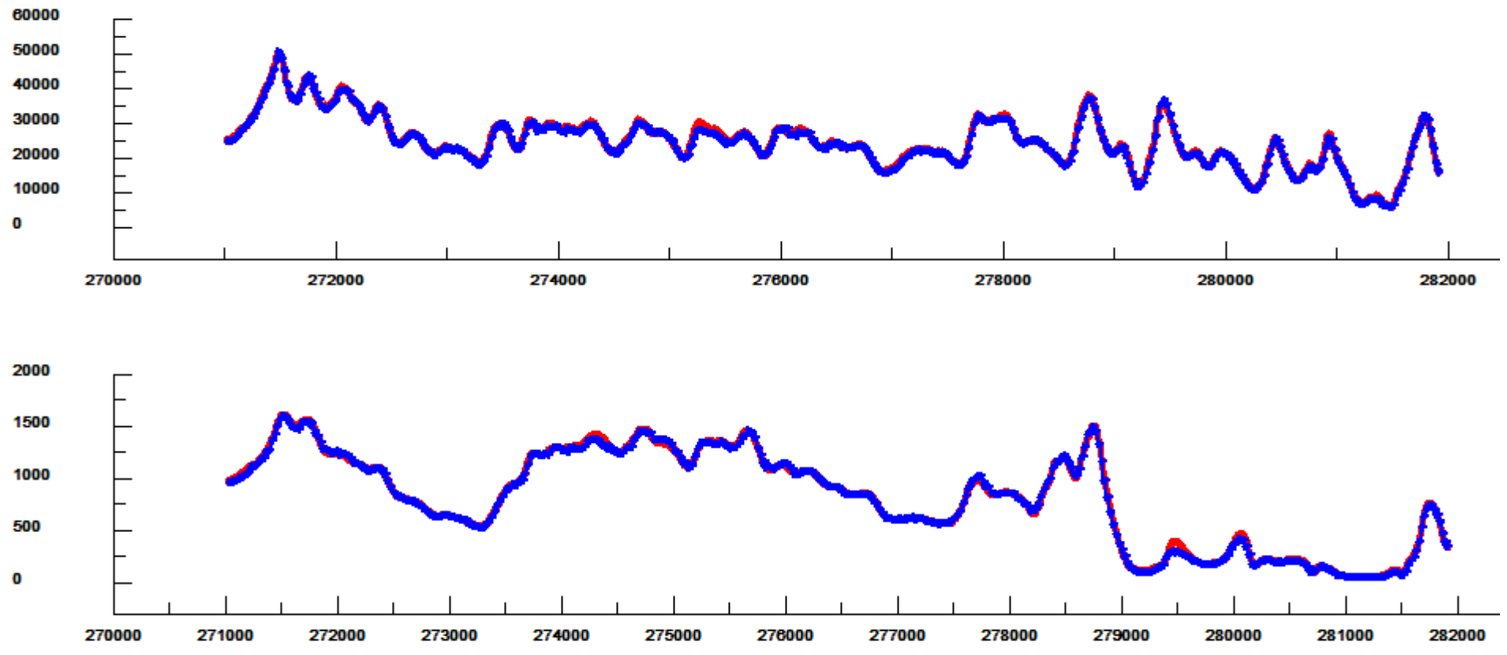
Block 2: Decay rate (exponential) Ch26-Ch32 in msec.

Block 2 TEM Inversions – Log Resistivity

Horizontal:Vertical 1:25

L10010





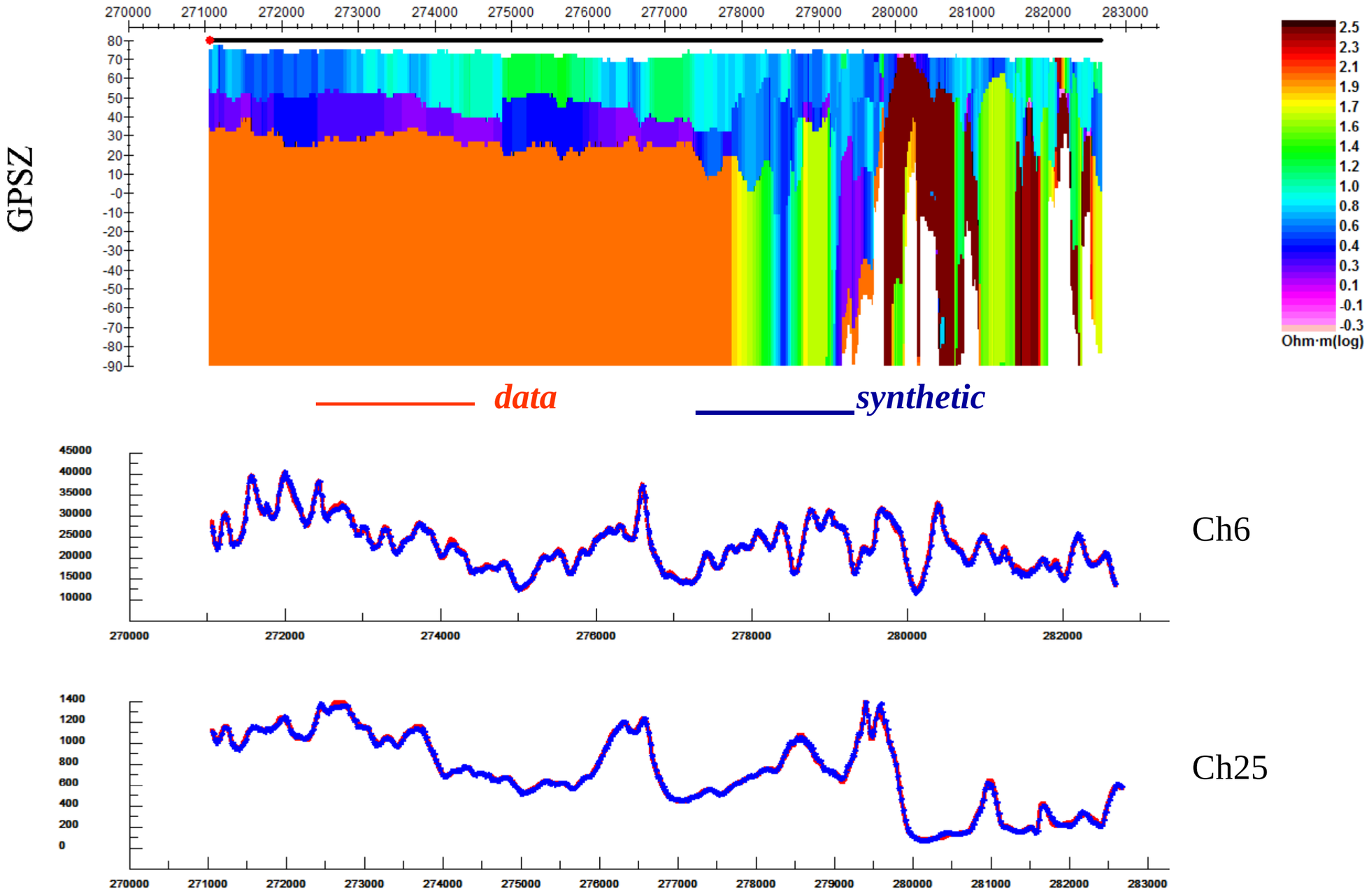
Ch6

Ch25

Block 2 TEM Inversions – Log Resistivity

Horizontal:Vertical 1:25

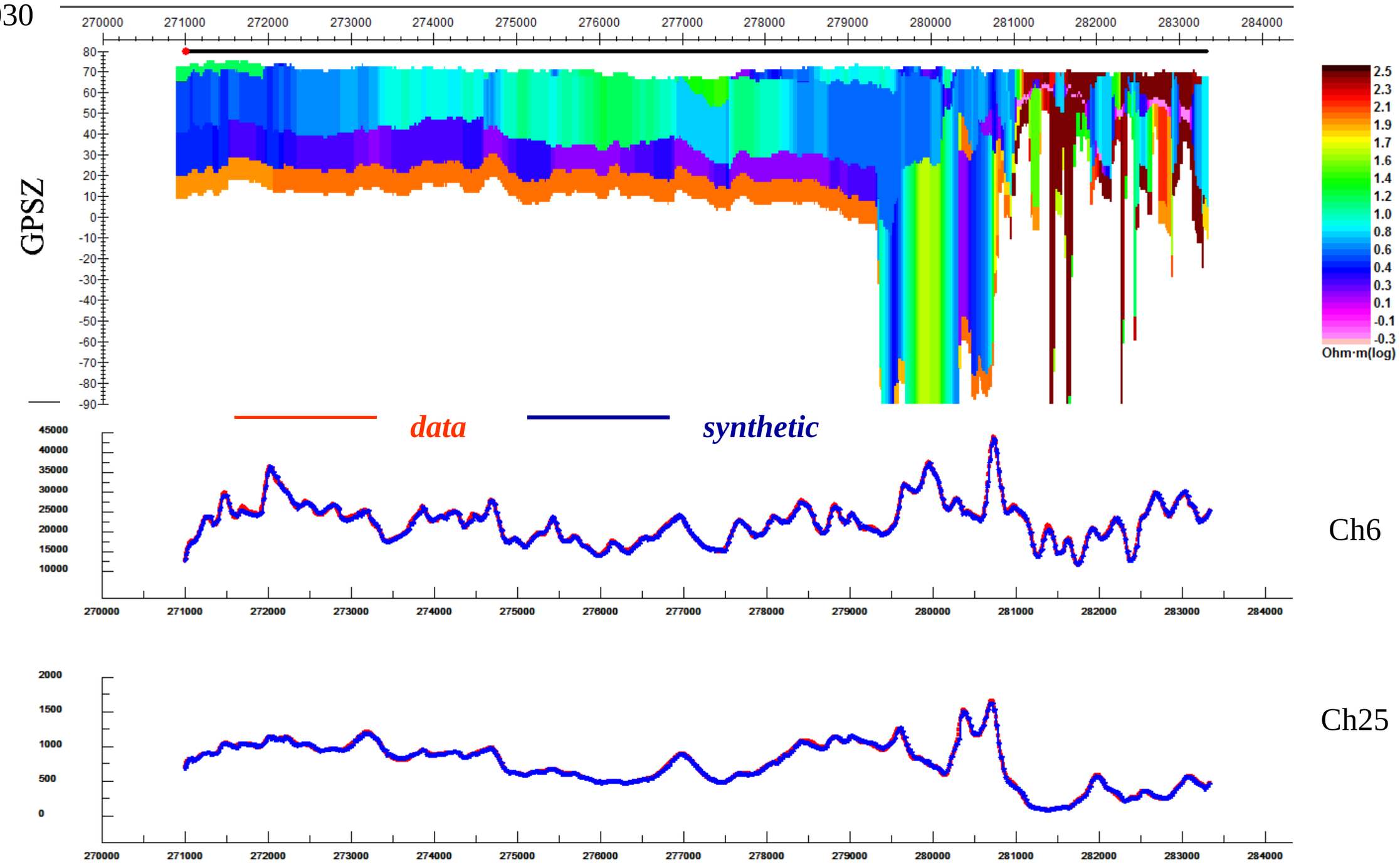
L10020



Block 2 TEM Inversions – Log Resistivity

Horizontal:Vertical 1:25

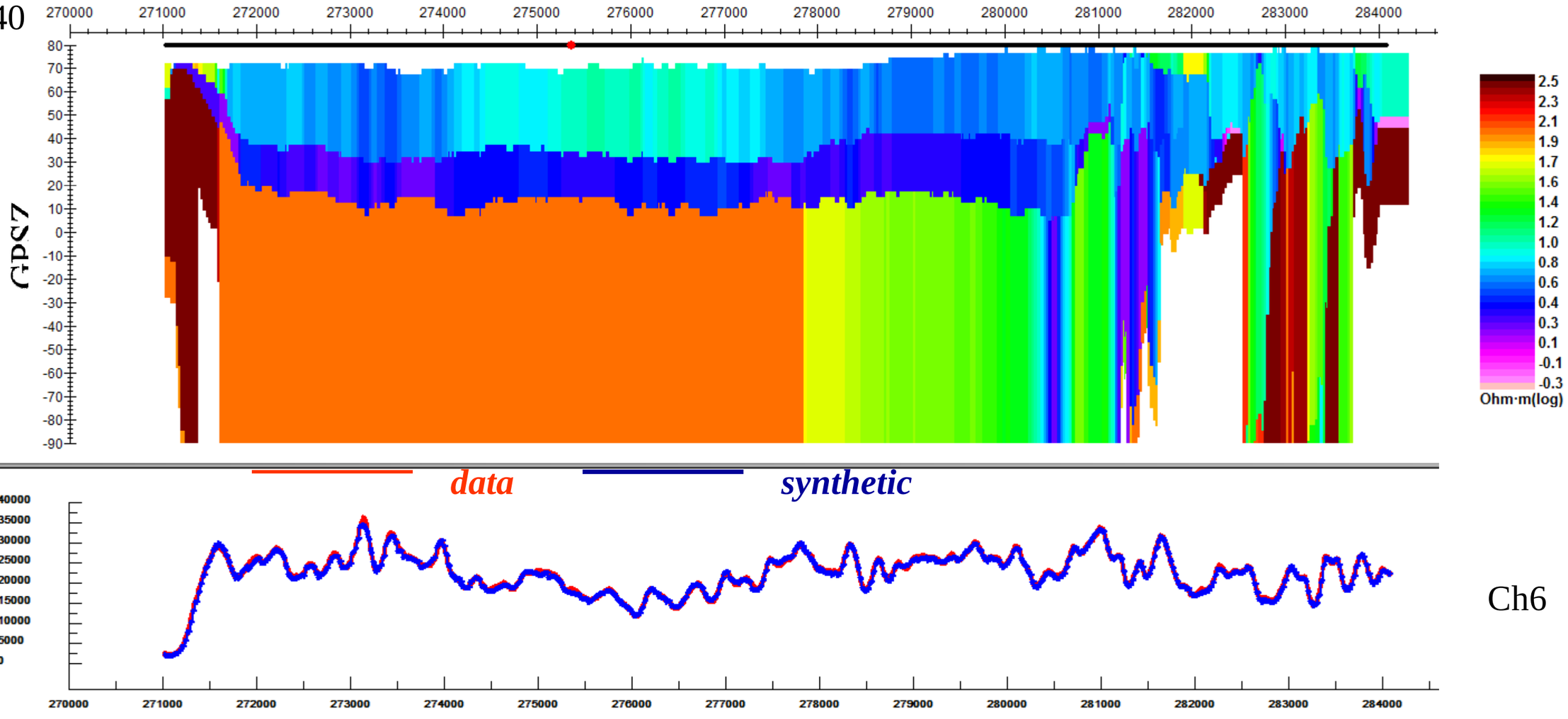
L10030



Block 2 TEM Inversions – Log Resistivity

Horizontal:Vertical 1:25

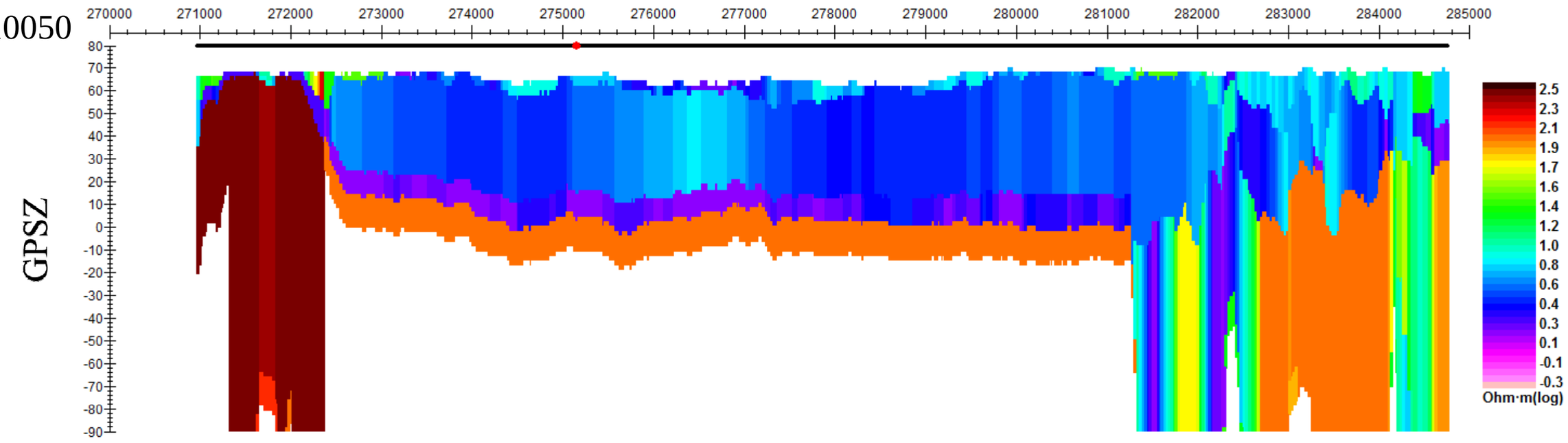
L10040



Block 2 TEM Inversions – Log Resistivity

Horizontal:Vertical 1:25

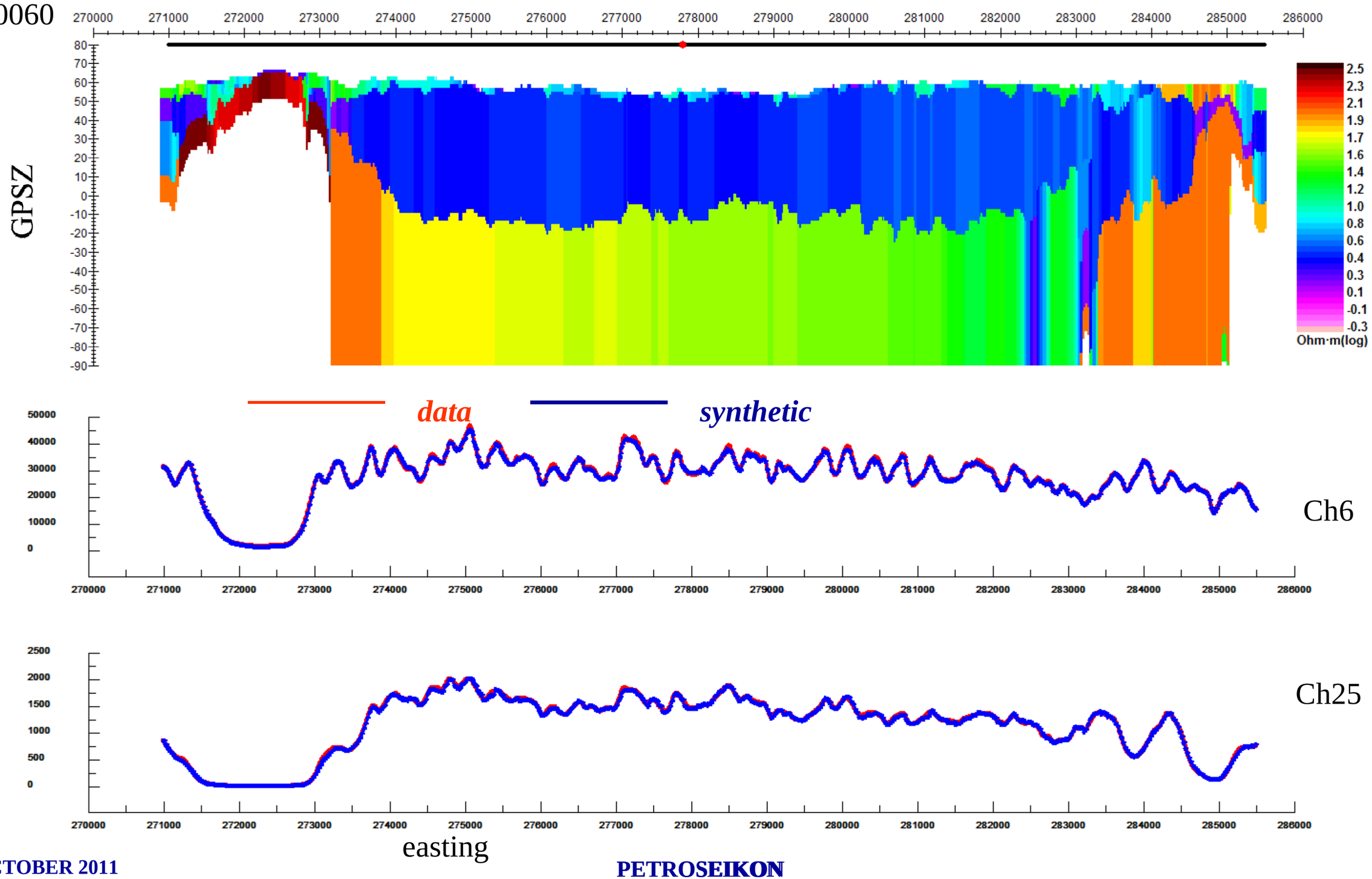
L10050



Block 2 TEM Inversions – Log Resistivity

Horizontal:Vertical 1:25

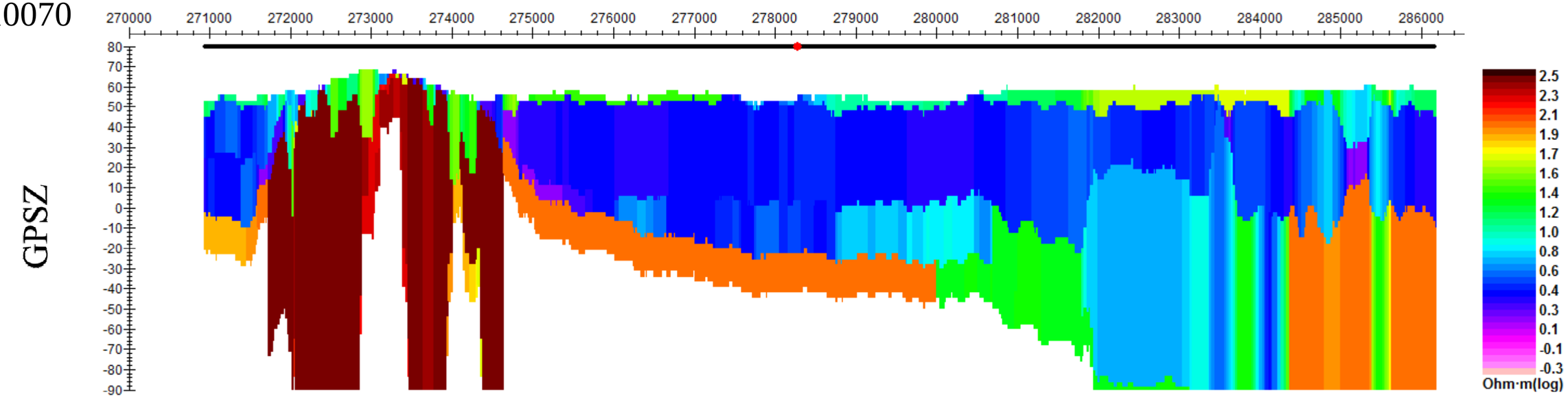
L10060

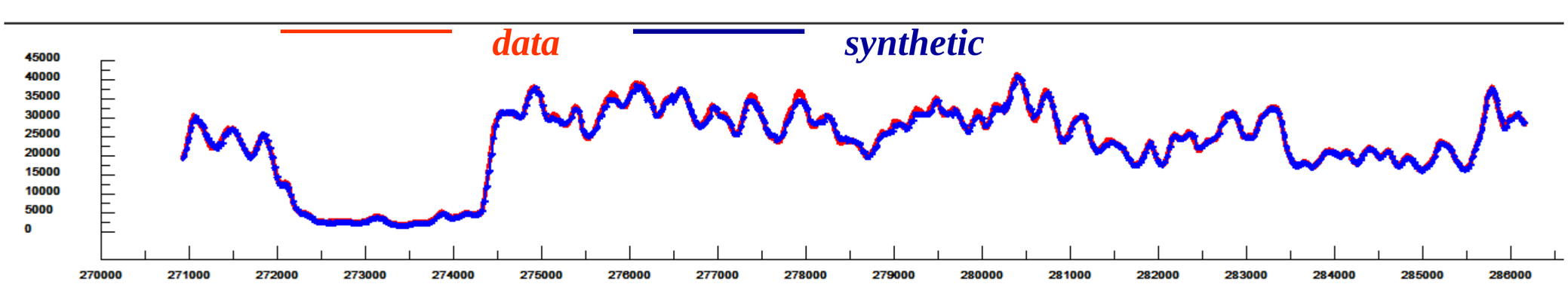


Block 2 TEM Inversions – Log Resistivity

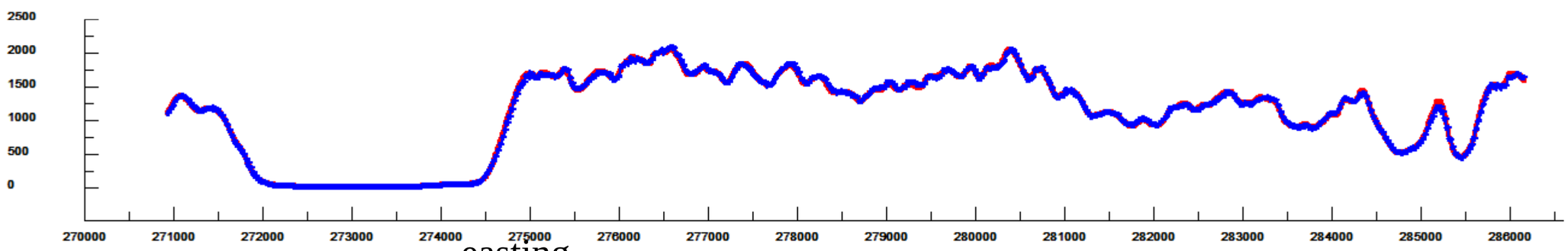
Horizontal:Vertical 1:25

L10070





Ch6



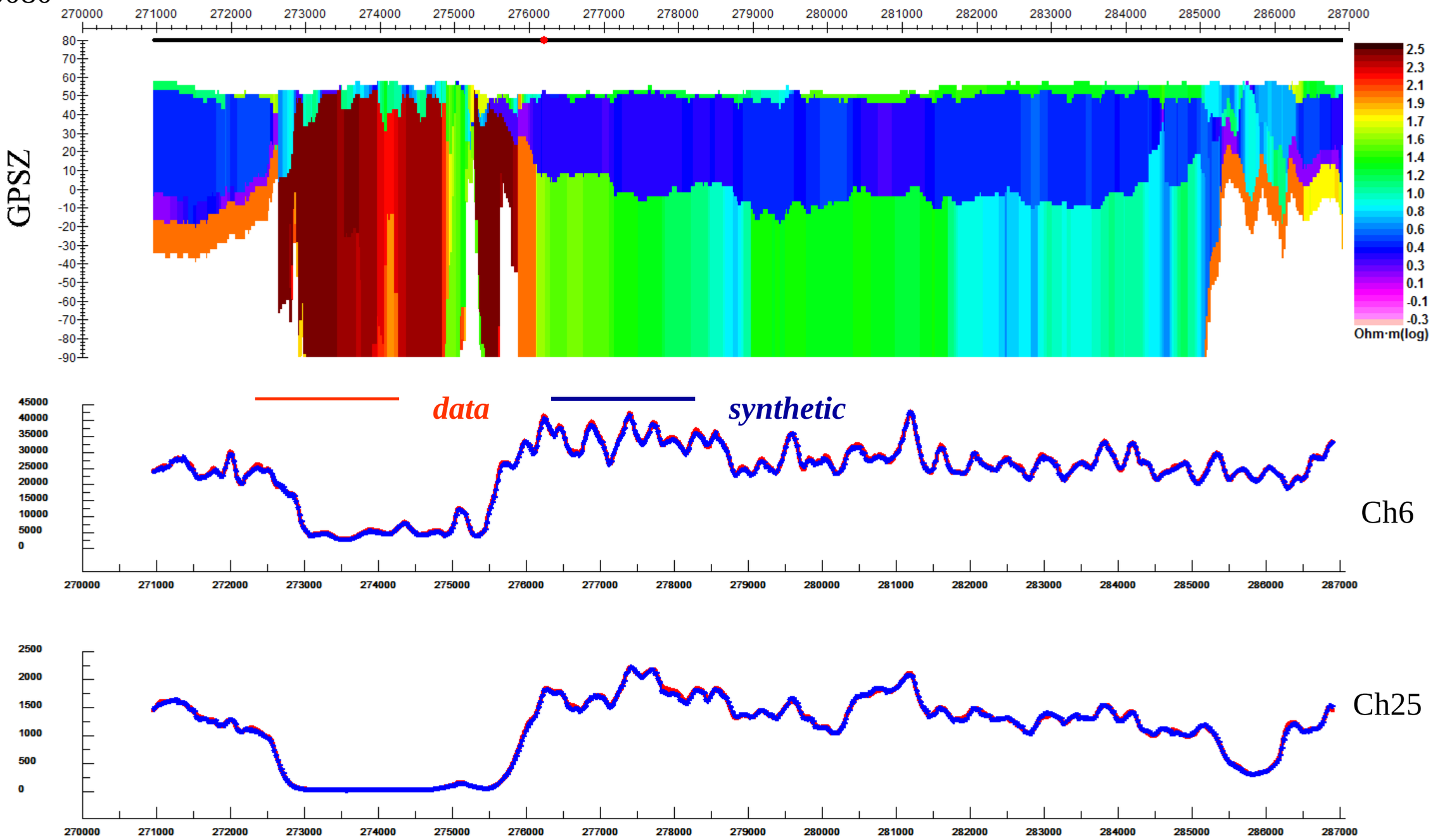
Ch25

easting

Block 2 TEM Inversions – Log Resistivity

Horizontal:Vertical 1:25

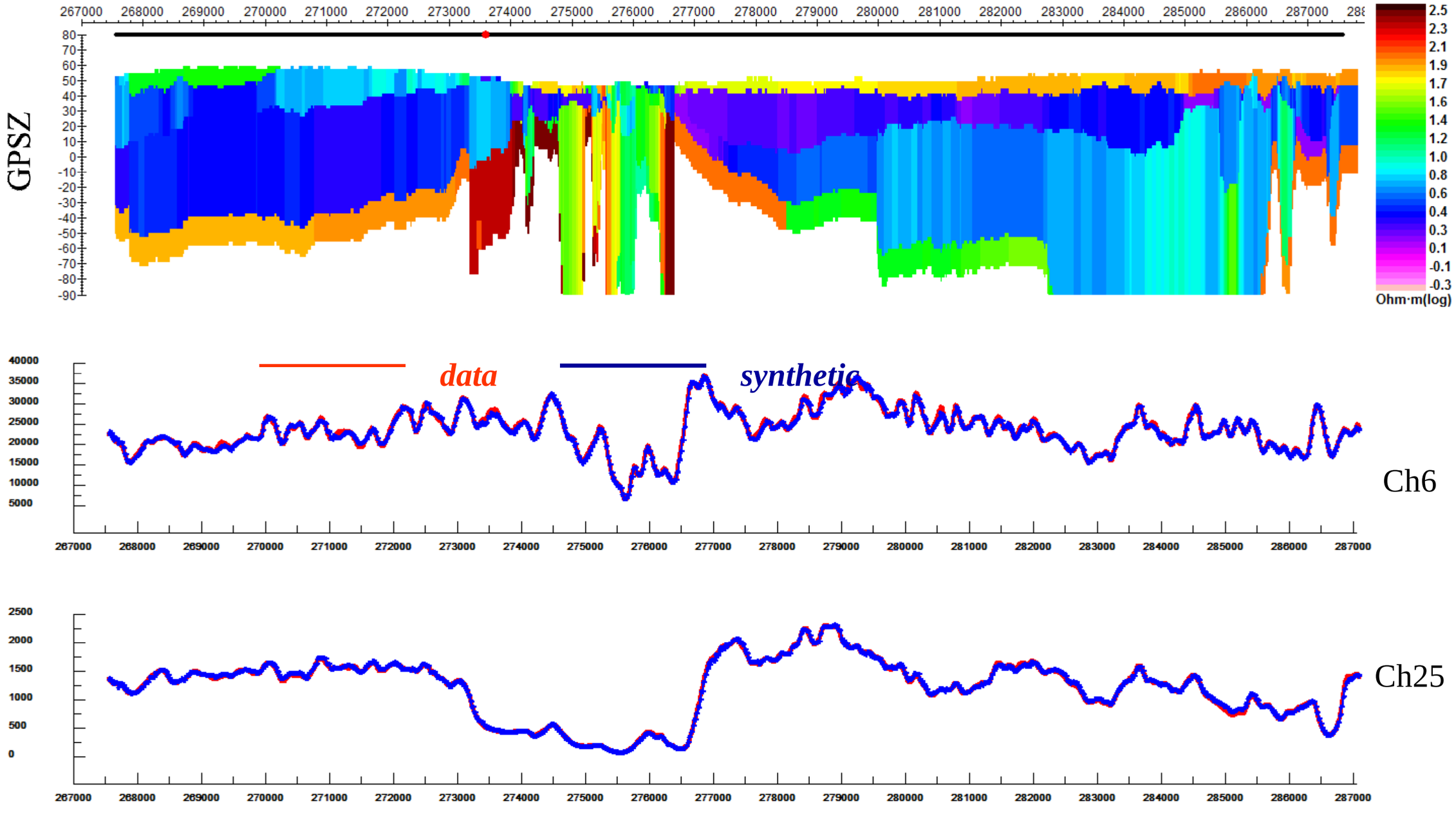
L10080



Block 2 TEM Inversions – Log Resistivity

Horizontal:Vertical 1:25

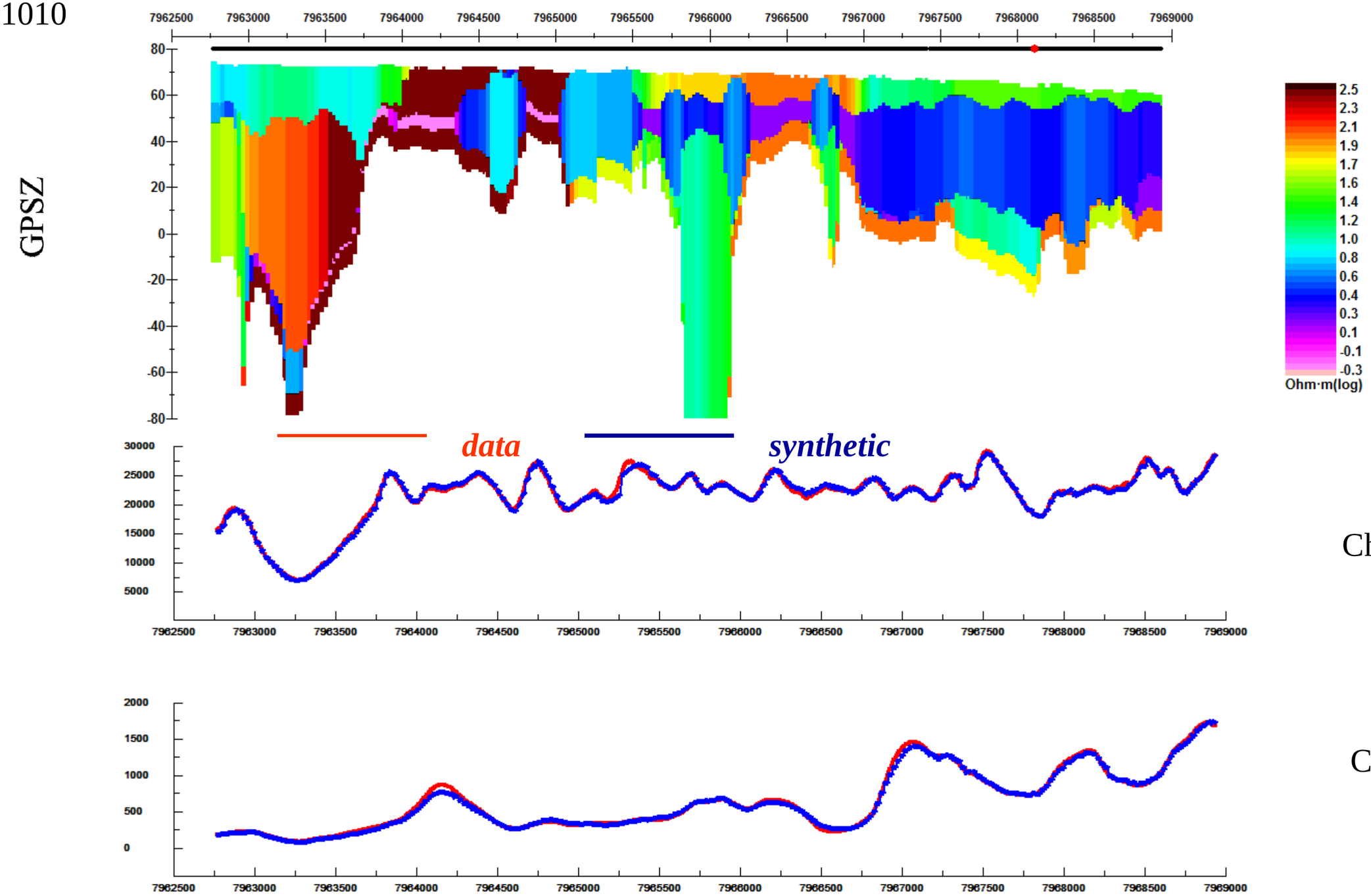
L10090



Block 2 TEM Inversions – Log Resistivity

T91010

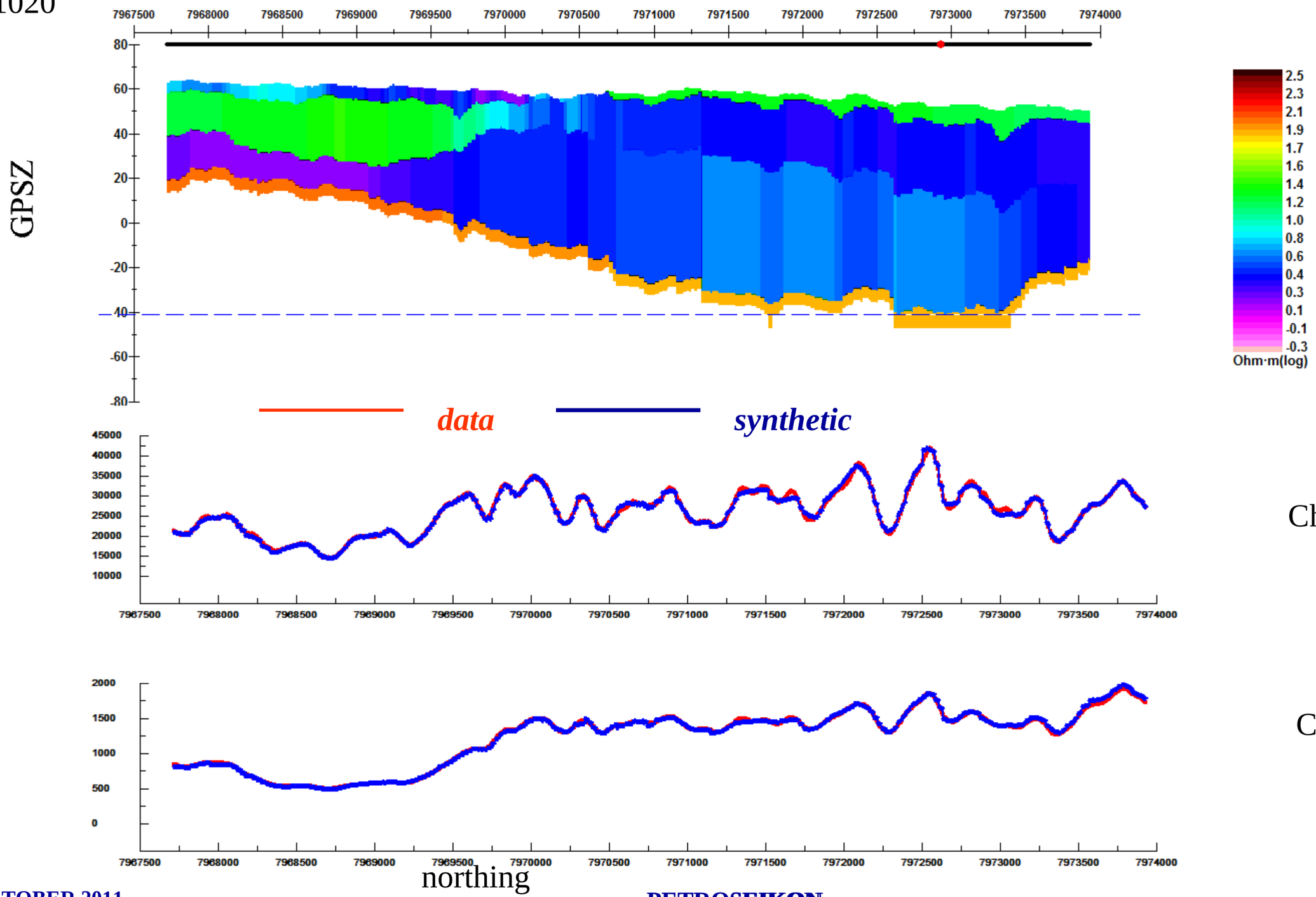
Horizontal:Vertical 1:25



Block 2 TEM Inversions – Log Resistivity

Horizontal:Vertical 1:25

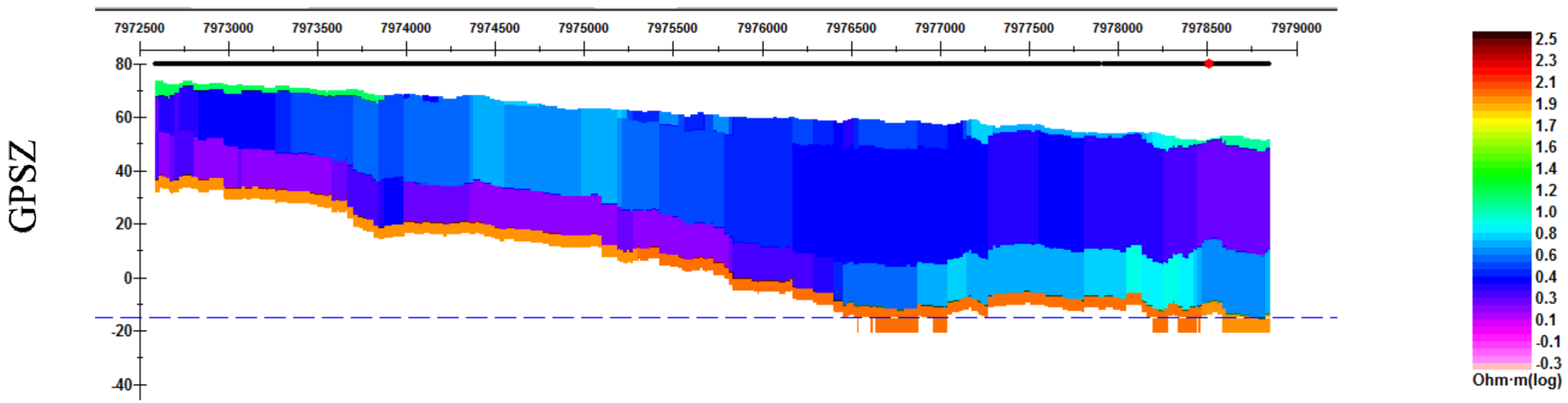
T91020

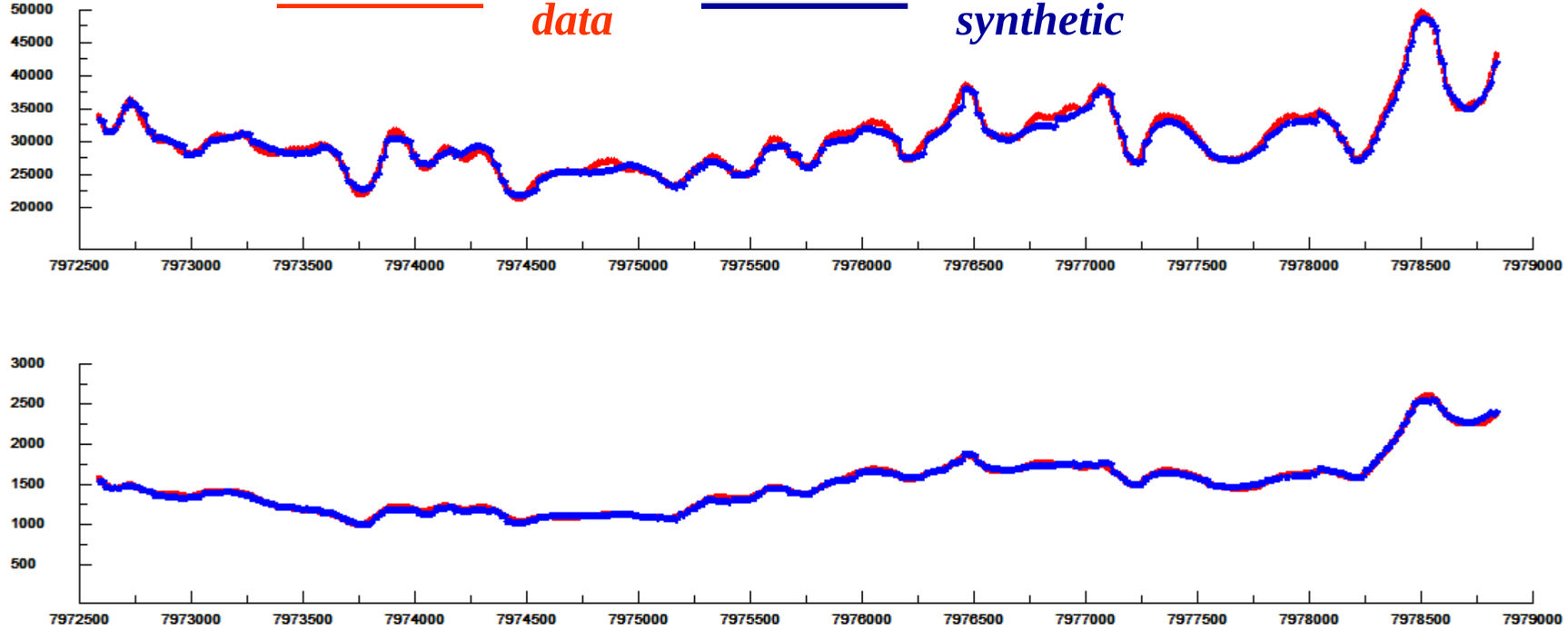


Block 2 TEM Inversions – Log Resistivity

Horizontal:Vertical 1:25

T91030





Ch6

Ch25

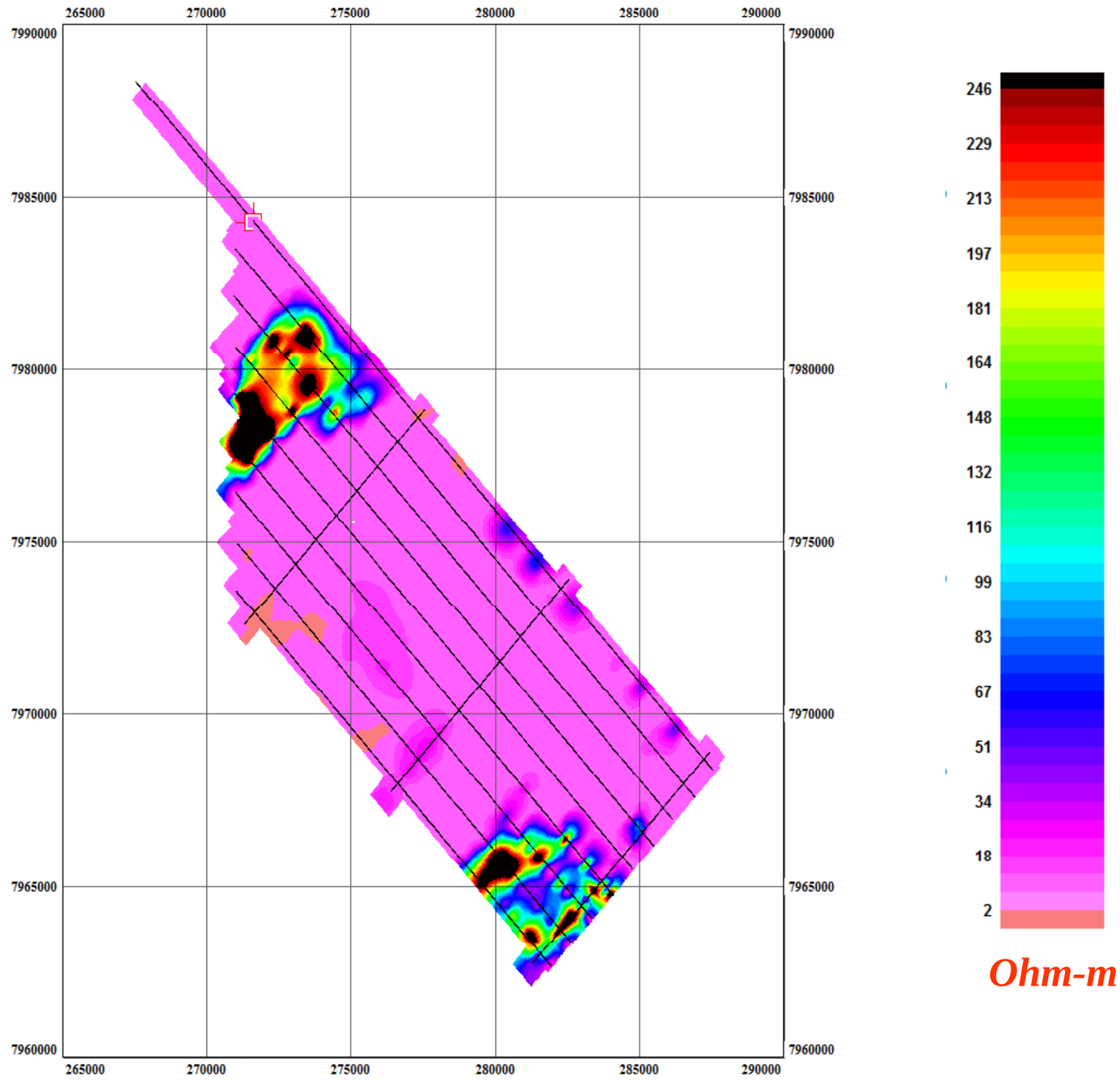
northing

Block 2 TEM Inversions – Depth Slices - Resistivity

GPSZ – 40m

This grid and the following grids use the tielines in the interpolation process.

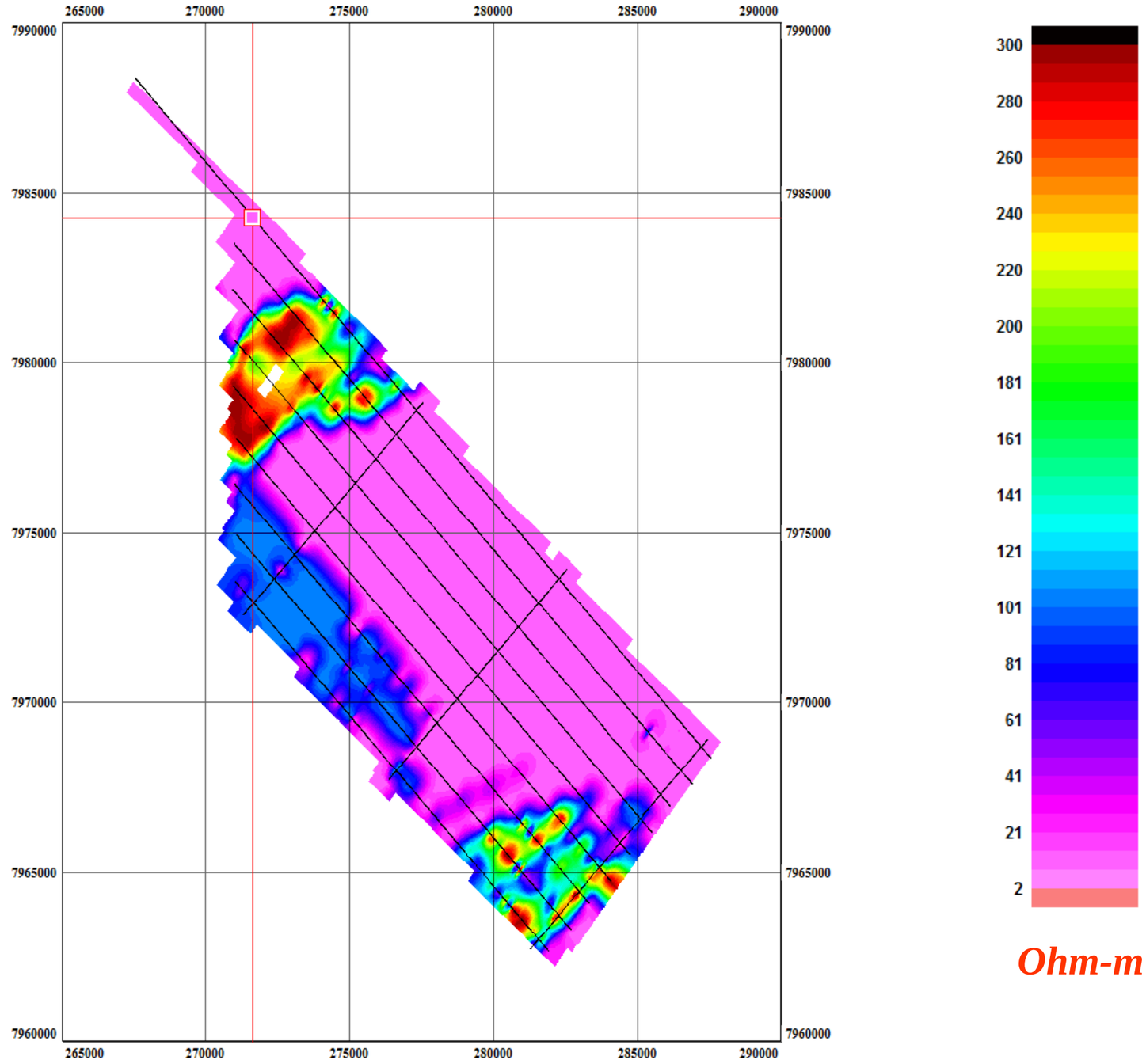
Contour of Grid Mesh



Block 2 TEM Inversions – Depth Slices - Resistivity

GPSZ – 20m

Contour of Grid Mesh

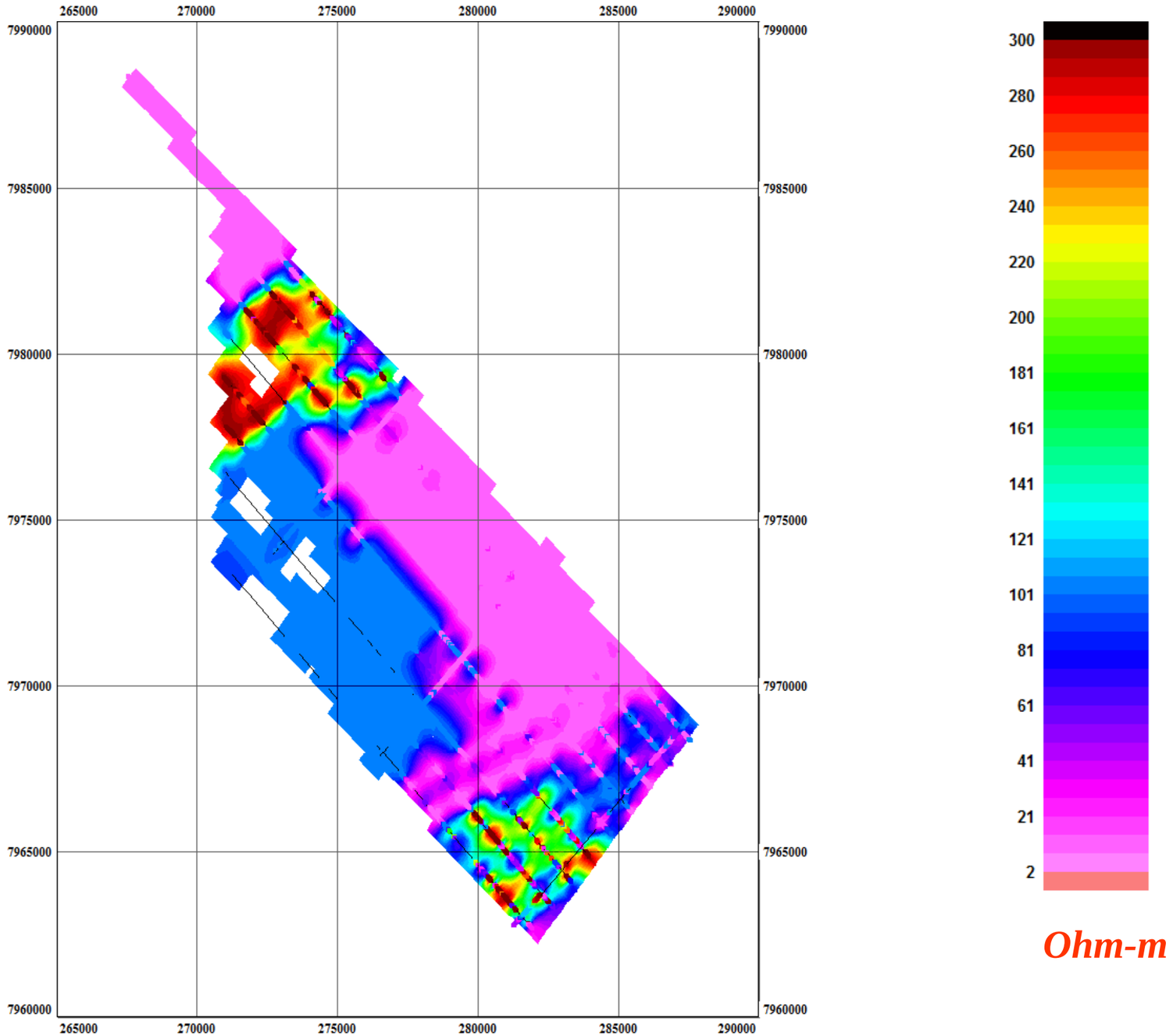


Block 2 TEM Inversions – Depth Slices - Resistivity

GPSZ – 0m

Values on profile also plotted.

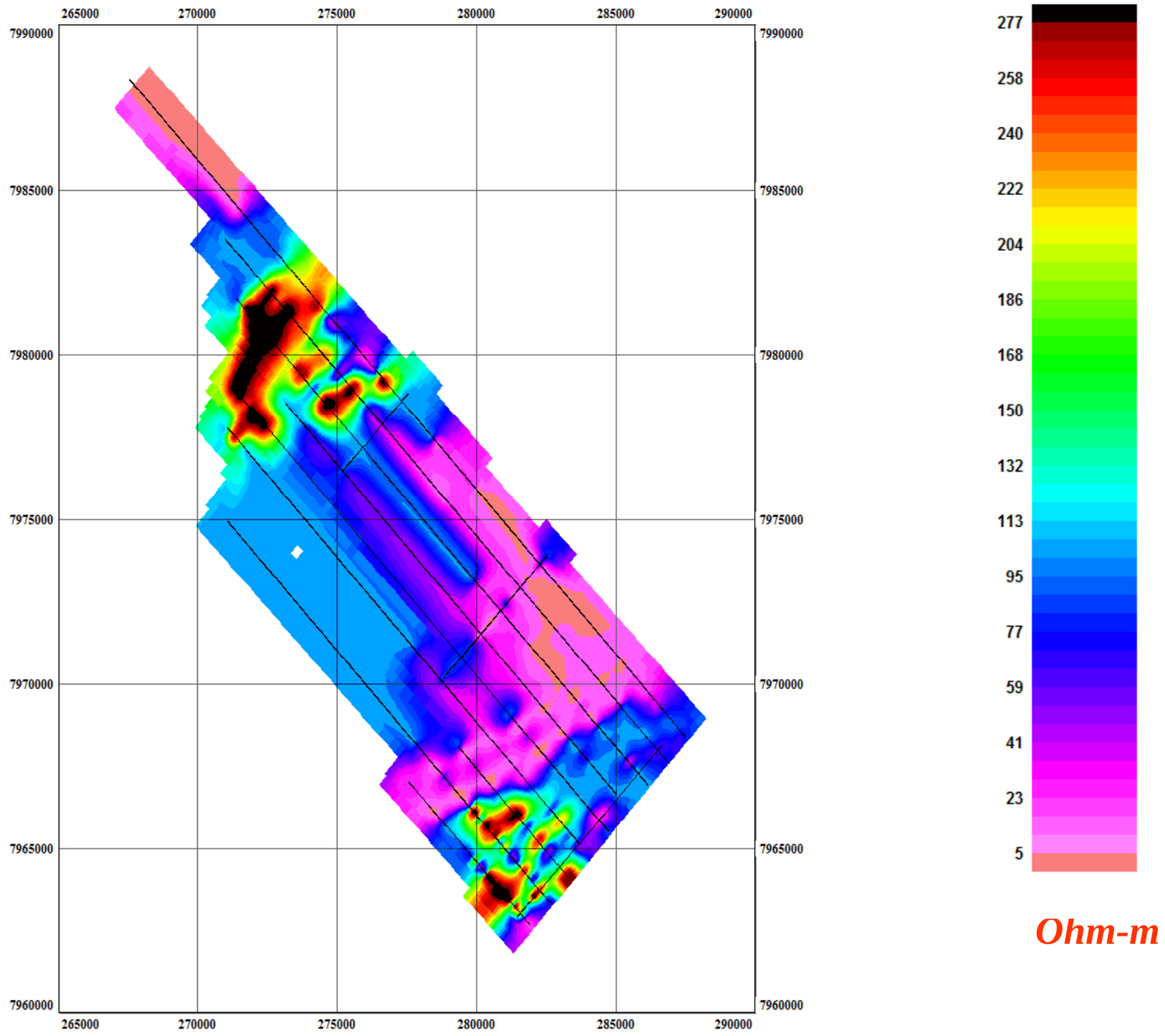
Contour of Grid Mesh



Block 2 TEM Inversions – Depth Slices - Resistivity

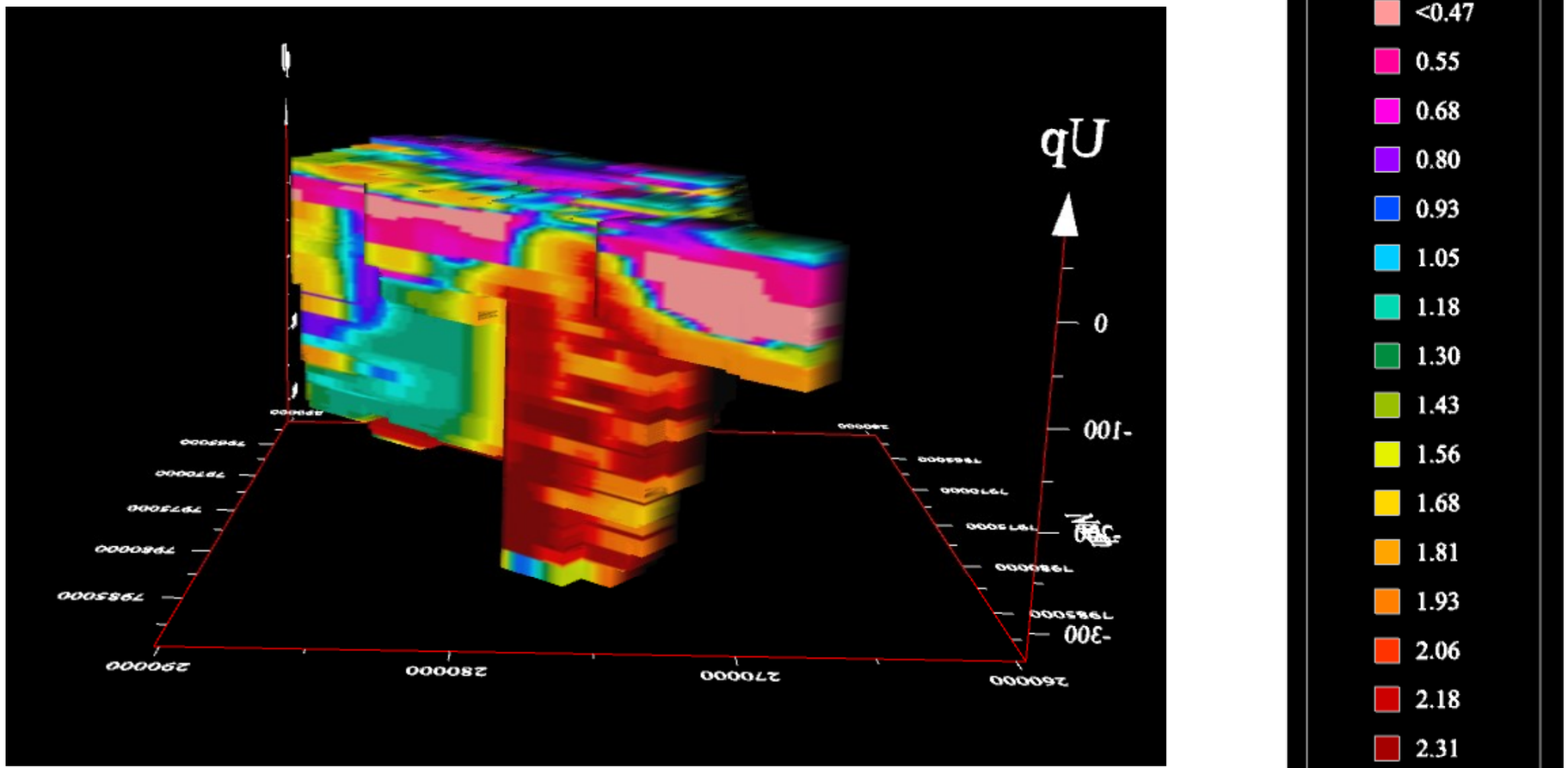
GPSZ – -20m

Contour of Grid Mesh



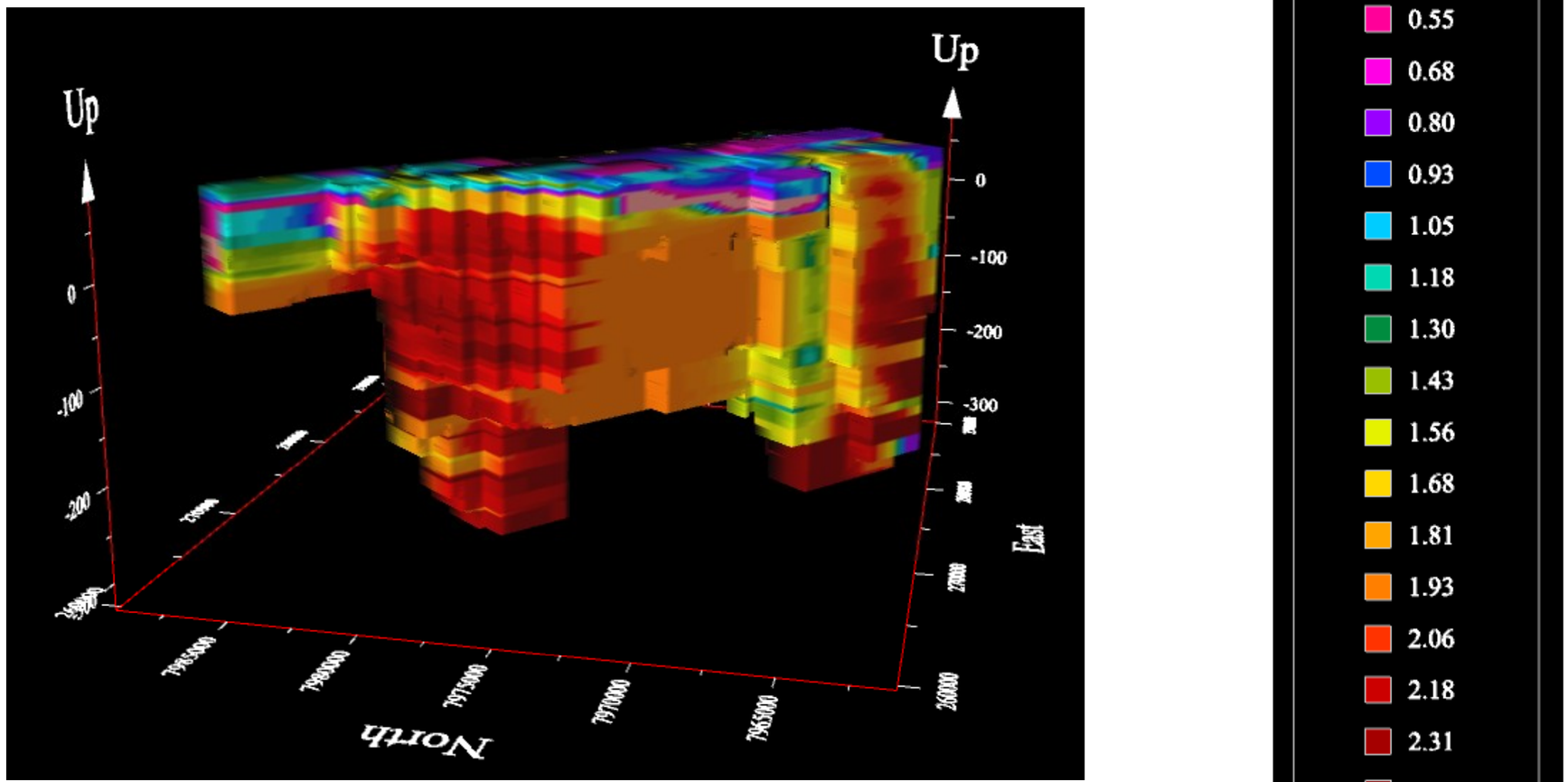
Block 2 TEM Inversions – Volumes Log Resistivity

View from the North in Altitude relative to ground level



Block 2 TEM Inversions – Volumes Log Resistivity

View from the West in Altitude relative to ground level



Block 2 TEM Inversions – Deliverables

1) EMIGMA database where the inversions are attached to the survey data. EMIGMA allows cross-sectional viewing and well as 3D volume viewing with slices. EMIGMA allows export of cross-sectional inversion data as well as depth slices.

/2011/TEM Inversions/EMIGMA database

2) Depth Slices are provided in a QCTool format with a depth slice at each 10m depth.

/2011/TEM Inversions/Depth Slices