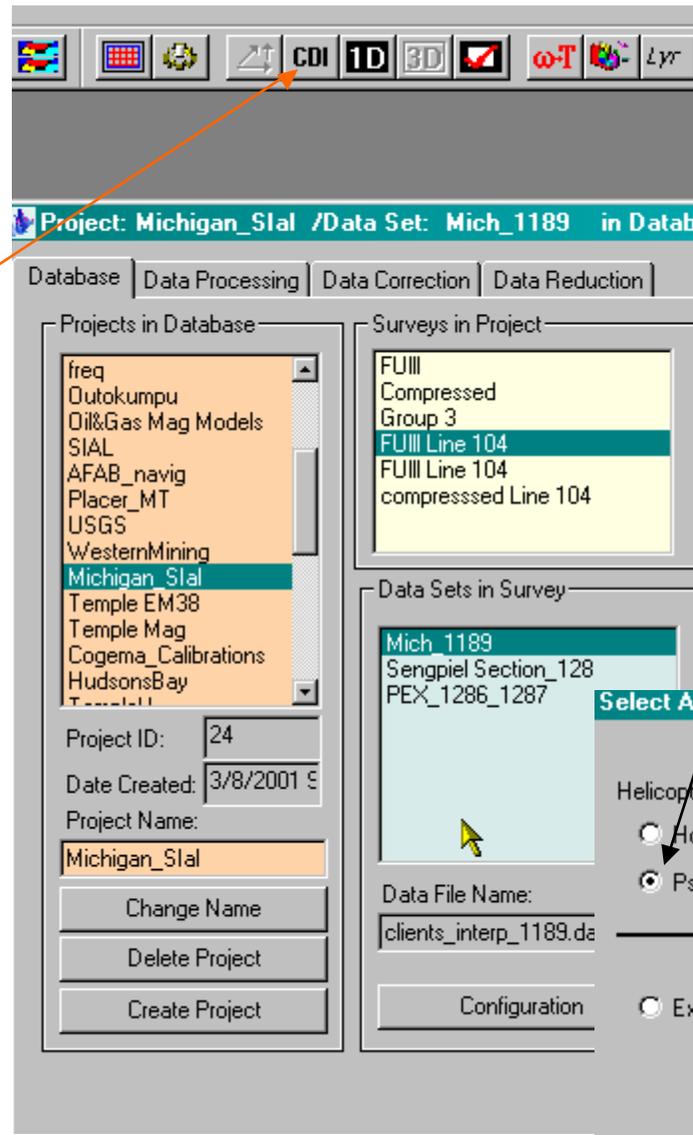


Sengpiel Depth Sections

Select helicopter EM Dataset and then Select “CDI”

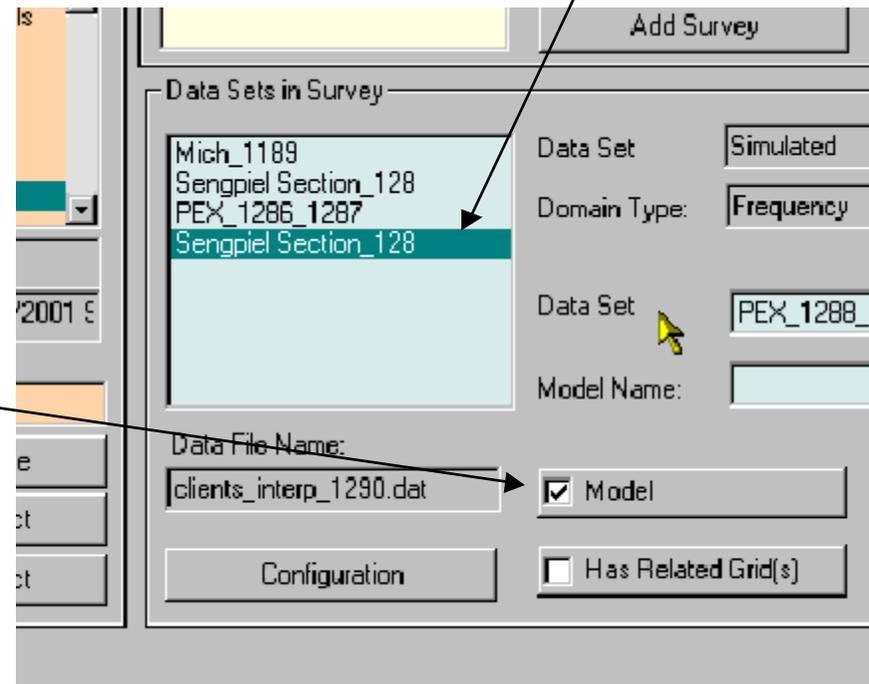
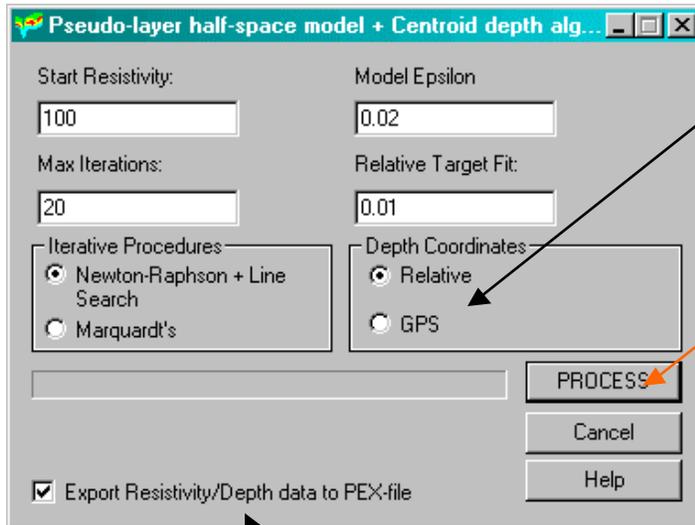


Select “Pseudo-Layer” and then “Select”

Select Relative
or GPS

Then "Process"

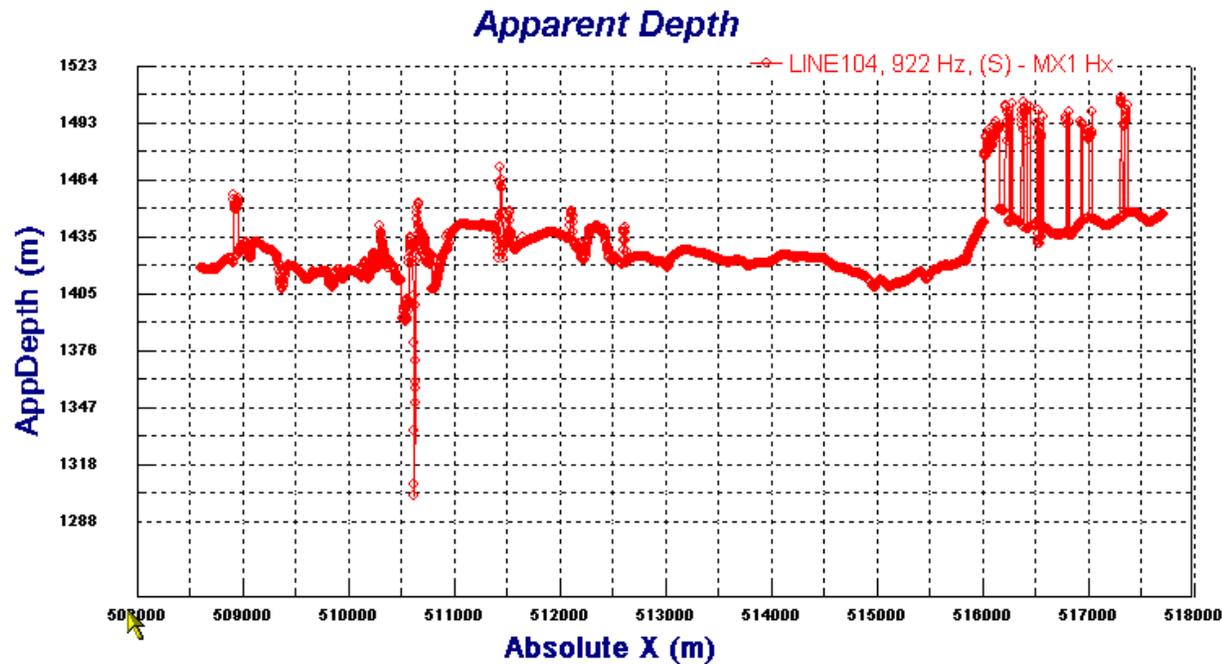
A new dataset is
created containing
apparent depths and
apparent resistivities



If the Export Resistivity option was selected, the Model button will have a checkmark indicating that a .pex file is associated with the data set. Click the Model button to confirm this. The .pex file can be viewed or opened in any ASCII editor or spreadsheet.

Remember: The technique will not work at all for some data

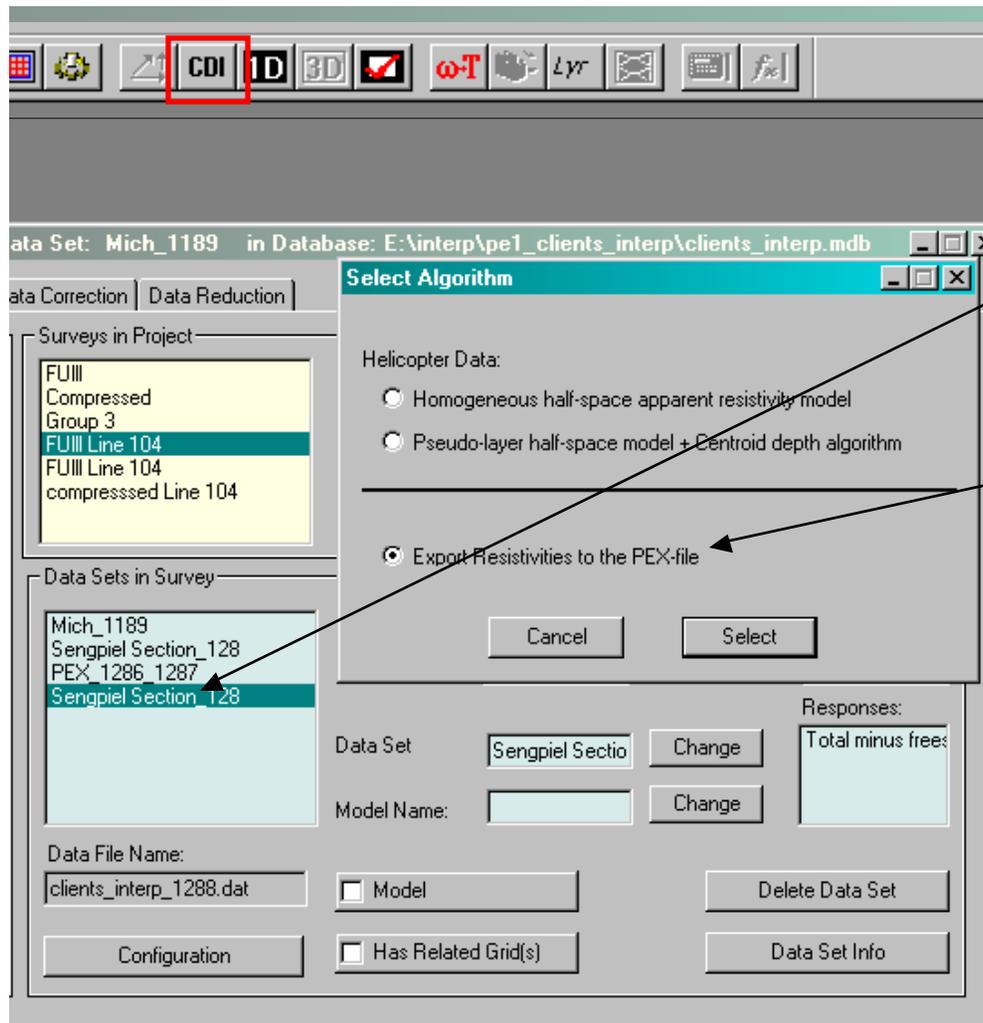
Plotting the results



You may plot both Apparent Depth and their Apparent Resistivities in the Plotter

Exporting to PEX file - 1

To have more control over the contents of the PEX file, select the output Sengpiel Section data set, and then click the “CDI” button followed by “Export Resistivities”



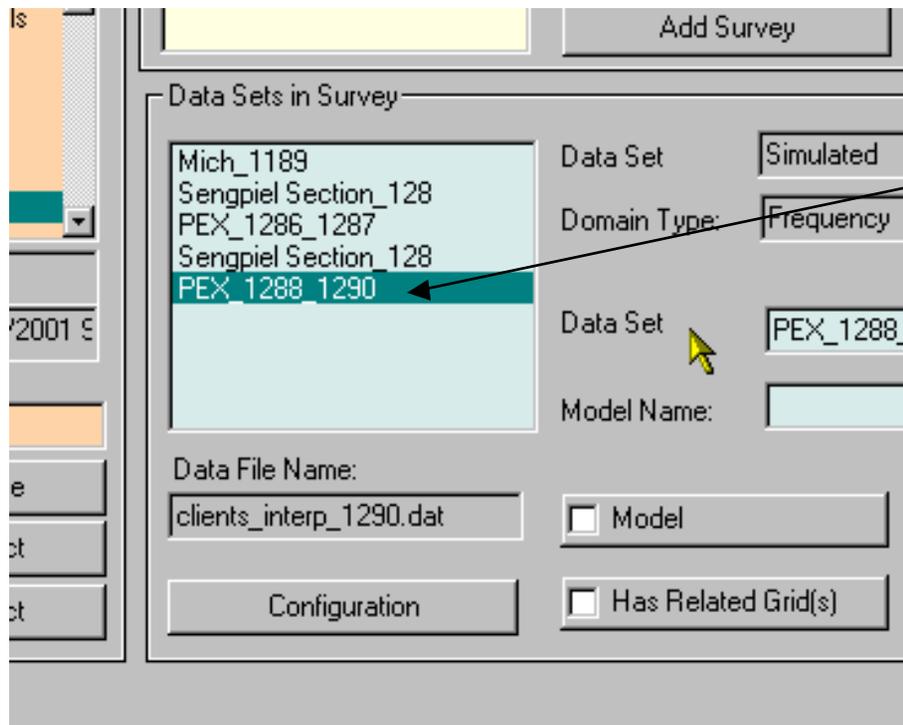
Exporting to PEX file - 2

Exp	Tx	Rx	Sep	Freq
<input checked="" type="checkbox"/>	Dipole Mx	Dipole Hx	6.53 0.00 0.00	922.00
<input checked="" type="checkbox"/>	Dipole Mz	Dipole Hz	6.53 0.00 0.00	844.00
<input checked="" type="checkbox"/>	Dipole Mx	Dipole Hx	6.53 0.00 0.00	4172.00
<input checked="" type="checkbox"/>	Dipole Mz	Dipole Hz	6.53 0.00 0.00	4500.00
<input checked="" type="checkbox"/>	Dipole Mz	Dipole Hz	6.53 0.00 0.00	32469.00

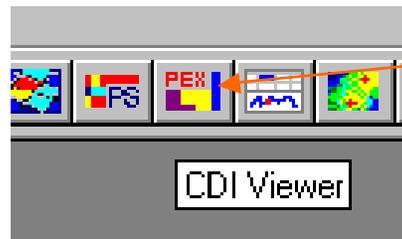
Number Interpolated Layers:

Now select which apparent depth information you wish to use in your image (some of your data components might not be good for some images). Select the amount of resolution you wish. Remember some depths may be very deep (check apparent depth in plotter). Select Export to complete your task.

Exporting to PEX file - 3

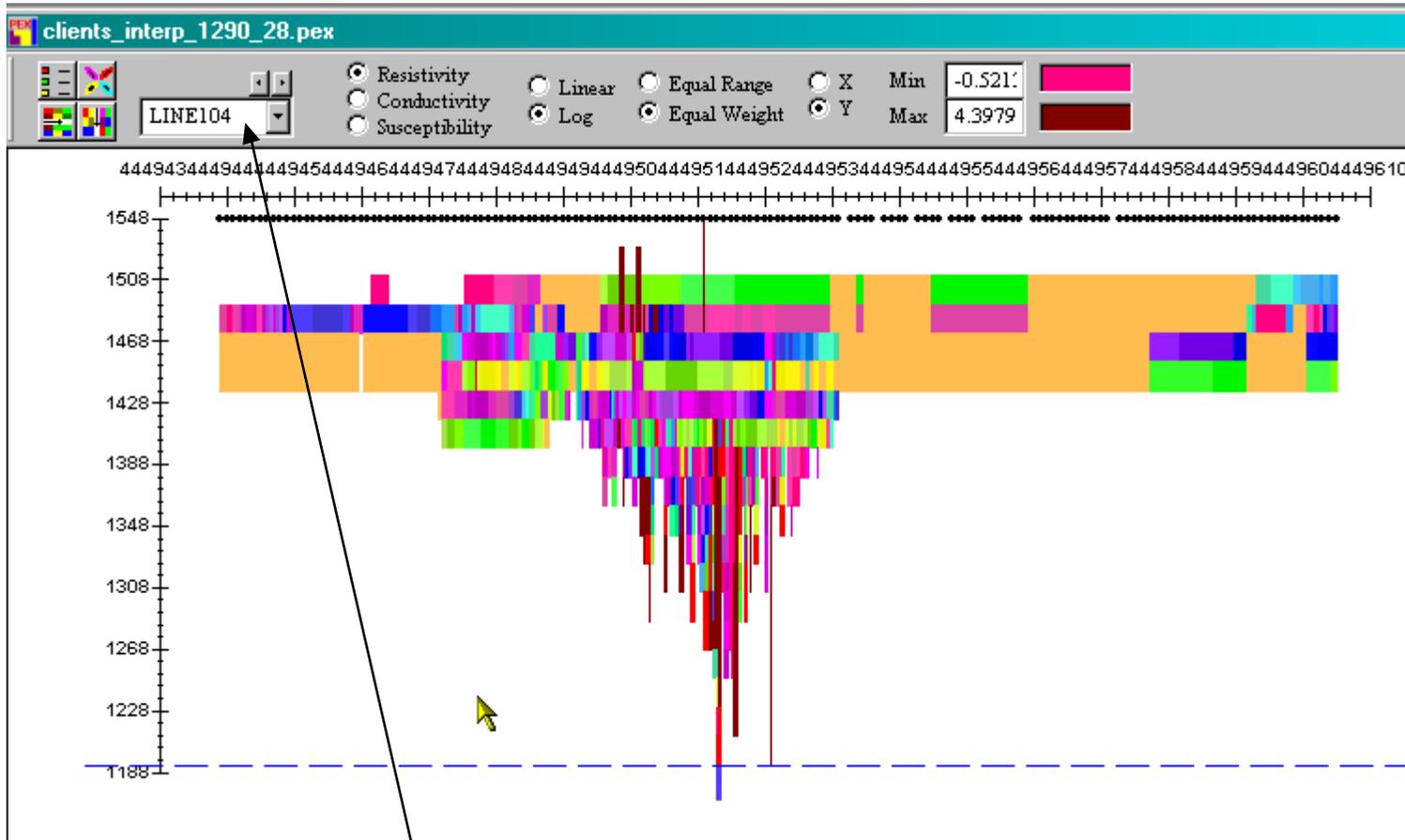


There is now a new dataset. It has an associated .pex file with the data you specified.



Select a data set that has a .pex file associated with it and click the CDI Viewer button to see the Sengpiel section images.

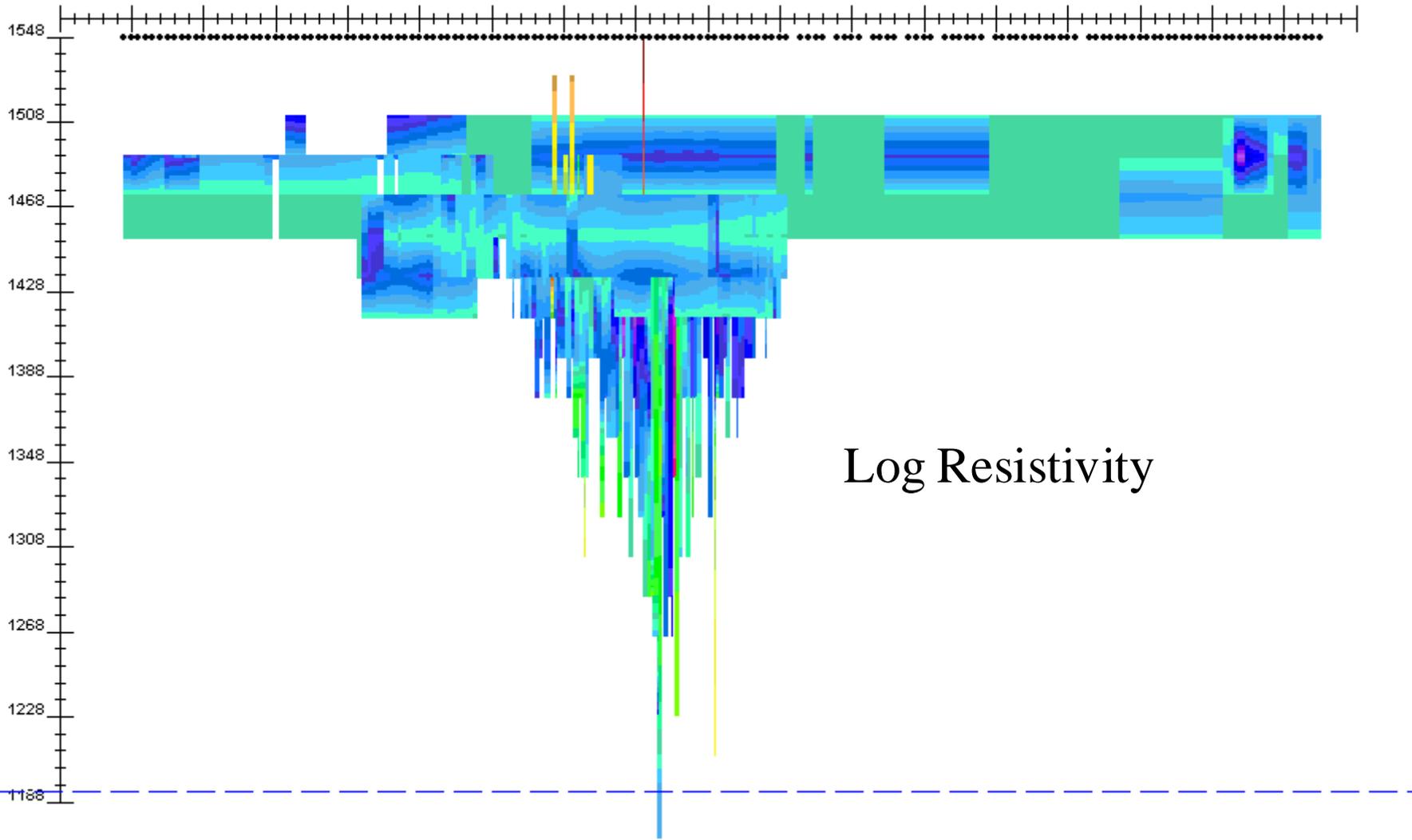
CDI Viewer The purpose of the CDI Viewer is to accurately investigate your depth sections.



If you have multiple lines then you may step between lines. There are many other features.

UTM

4449430 4449440 4449450 4449460 4449470 4449480 4449490 4449500 4449510 4449520 4449530 4449540 4449550 4449560 4449570 4449580 4449590 4449600 4449610



Log Resistivity

Depth