Sengpiel Depth Sections

Select helicopter EM Dataset and then Select "CDI"

📰 🚇 🖉 🖂 💭	10 30 🔽 🐠 Lyr
Project: Michigan_Slal /D	ata Set: Mich_1189 in Databa
Database Data Processing D Projects in Database freq Outokumpu Oil&Gas Mag Models SIAL AFAB_navig Placer_MT USGS WesternMining Michigan_SIal Temple EM38 Temple Mag Cogema_Calibrations HudsonsBay Temple ID: 24 Date Created: 3/8/2001 S Project ID: 24 Date Created: 3/8/2001 S Project Name: Michigan_SIal Change Name Delete Project	Ata Correction Data Reduction Surveys in Project Select Since 3 Select "Pseudo-Layer" And then "Select" bata Sets in Survey Nich 1189 Sengpiel Section 128 PEX_1286_1287 Select Algorithm Interpreted and the space apparent resistivity model Pexulta File Name: Clients_interp_1189.dz Configuration Export Resistivities to the PEX-file
	Cancel



Has Related Grid(s)

Configuration

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

opened in any ASCII editor or

spreadsheet.

Plotting the results



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

Exporting to PEX file - 1

ata Set: Mich_1189 in Database: E:\interp\pe1_clients_interp\clients_interp.mdb 📃 🗐 🔀						
ata Correction Data Reduction	Select Algorithm					
Surveys in Project FUIII Compressed Group 3 FUIII Line 104 FUIII Line 104 compressed Line 104 Data Sets in Survey Mich_1189 Sengpiel Section_128 PEX_1286_1287 Sengpiel Section_128	Helicopter Data: C Homogeneous half-space app Pseudo-layer half-space model Export Resistivities to the PEX Cancel	arent resistivity model				
Data File Name: clients_interp_1288.dat	Data Set Sengpiel Sectio	Change Total minus frees Change Delete Data Set				
Configuration	Has Related Grid(s)	Data Set Info				

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

Export to	xport to PEX-file					
Exp	Tx	Bx	Sep	Freq		
	Dipole Mx	Dipole Hx	6.53 0.00 0.00	922.00		
	Dipole Mz	Dipole Hz	6.53 0.00 0.00	844.00		
	Dipole Mx	Dipole Hx	6.53 0.00 0.00	4172.00		
	Dipole Mz	Dipole Hz	6.53 0.00 0.00	4500.00		
	Dipole Mz	Dipole Hz	6.53 0.00 0.00	32469.0		
•		1	1	E F		
<u>,</u>	Number lateral control 20					
Export						

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

Is —		Add Survey
	Data Sets in Survey	
	Mich_1189	Data Set Simulated
	Sengpiel Section_128 PEX_1286_1287 Sengpiel Section_128	Domain Type: Frequency
2001 S	PEX_1288_1290	Data Set
		Model Name:
e	Data File Name:	
2 2	clients_interp_1290.dat	🗖 Model
st	Configuration	Has Related Grid(s)

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.

