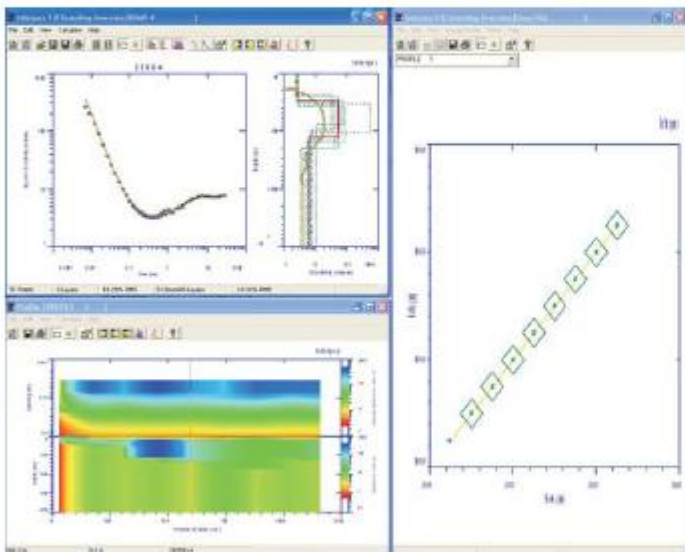


IX1D v 3

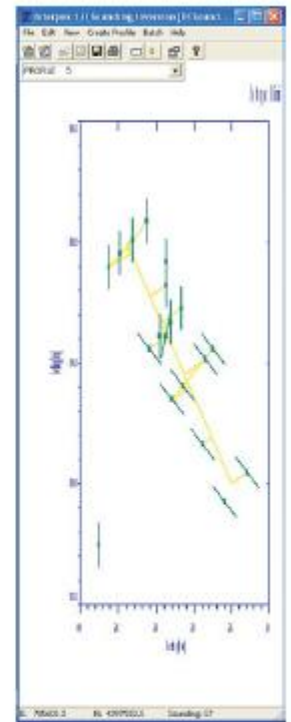
1D Sounding Interpretation With Profile & optional TEM Support



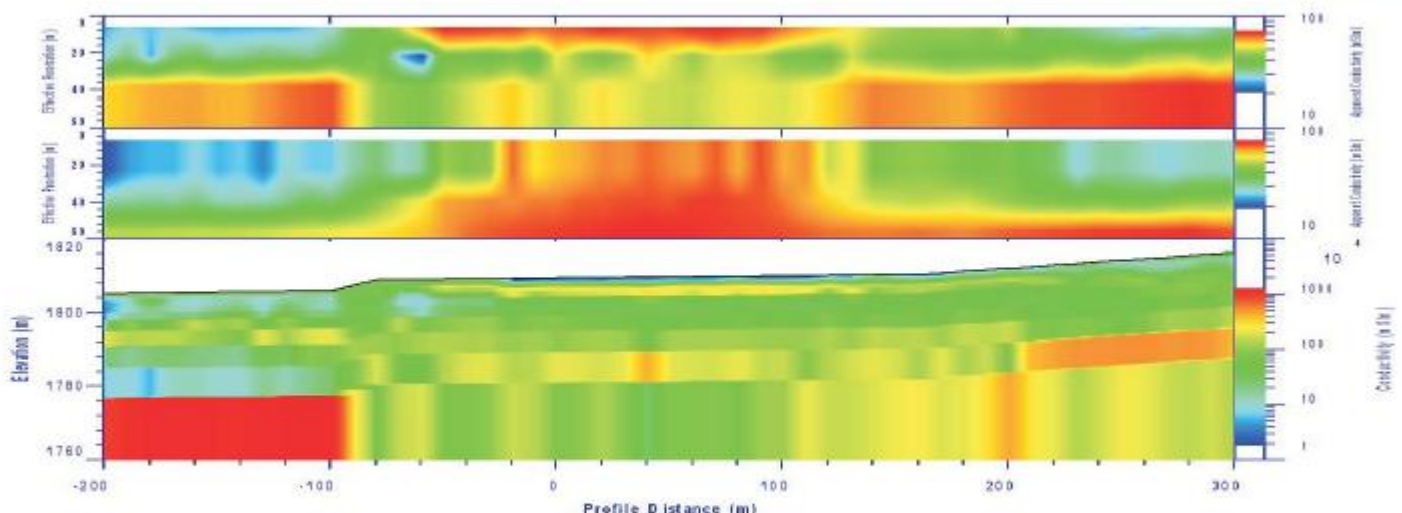
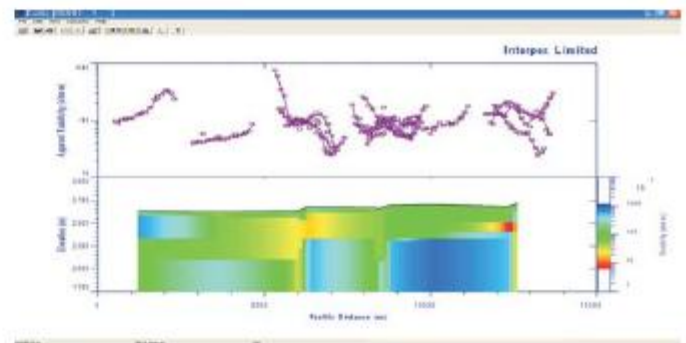
Calculation Features:

- ▶ Graphical Model Editing
- ▶ Model Copy/Paste
- ▶ Model Paste to All
- ▶ Forward modeling
- ▶ Inverse modeling
- ▶ Equivalence Analysis
- ▶ Parameter Fixing
- ▶ Smooth Model Estimation
- ▶ No limit on number of model layers
- ▶ Detailed Batch and Quick Batch

Models for DC Resistivity, with or without IP, can be displayed on the same axes as the data



- ▶ Map display of all soundings in database
- ▶ Interactive sounding interpretation window
- ▶ Interactive profile display window
- ▶ Profile, colored section and pseudosections
- ▶ Create profiles from soundings graphically
- ▶ Import profiles of soundings from XYZ files
- ▶ No limit on number or size of soundings
- ▶ No limit on number of profiles



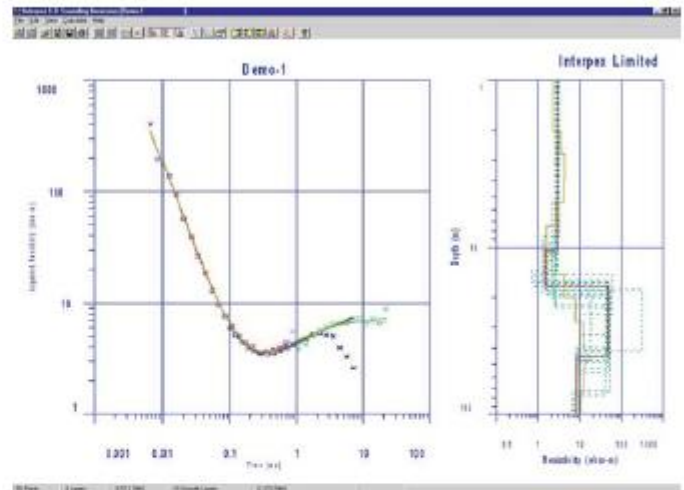
P.O. Box 839 Golden CO 80402
Tel (303) 278 9124 Fax (303) 278 4007
www.interpex.com info@interpex.com

IX1D v 3

1D Sounding Interpretation

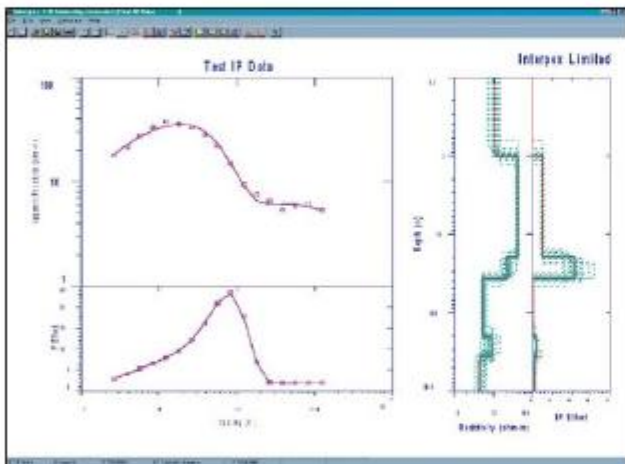
IX1D v 3 does it all:

- ▶ DC Resistivity (with IP)
- ▶ EM Conductivity
- ▶ Frequency EM
- ▶ Magnetotellurics
- ▶ Transient EM (TEM) (extra license fee required)



TEM Interpretation Features

- ▶ Unlimited multiple sweeps with no length limit
- ▶ Voltage display with log or linear time axis
- ▶ Data spreadsheet with Sweep frequency, ramp time, receiver area, current and Tx loop turns
- ▶ Time, Voltage, Mask values scroll horizontally
- ▶ Save and Retrieve Timebases
- ▶ Data Import from Flat ASCII file, TEMIX .TEM file or from USF file format



TEM Time/Voltage Entry/Edit

Data Set Name: Demo-1 Units: [meters]

Easting: 0.75070E+0 Nothing: 0.45001E+0 Elevation: 0.0000 Easting: Nothing

Azimuth: 0.0 (deg) (0 is North) Use Masked Points? Loop Size: 75.000 75.000

Central Loop TEM Receiver Coil Position: 0.0000 0.0000

Sweep	Freq (Hz)	Ramp (uS)	Coil Area (m ²)	Current (A)	Tx Turns
1	300.00	4.2000	31.400	0.50000	1
2	30.000	4.2000	31.400	0.50000	1
3	3.0000	75.000	100.00	22.000	1

No.	T Sw 1	V Sw 1	Mask	T Sw 2	V Sw 2	Mask	T Sw
1	0.00685	49232.5	0.10000	31559.3	0.0		
2	0.00895	70390.2	0.12100	24513.2	1.0		
3	0.01209	55075.1	0.15100	17400.2	1.3		
4	0.01572	52541.2	0.16800	11938.9	1.7		
5	0.02005	59305.9	0.23100	8008.5	2.1		
6	0.02617	54056.5	0.29100	4772.4	2.7		
7	0.03345	52115.8	0.36500	2760.9	3.5		
8	0.04210	49619.8	0.45200	1595.0	4.5		

Buttons: Open Timebase, Save Timebase, Save Timebase As, Insert Coil, Delete Coil, Insert Row, Delete Row, Column Mattr, Add To, Multiply By, OK, Cancel



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