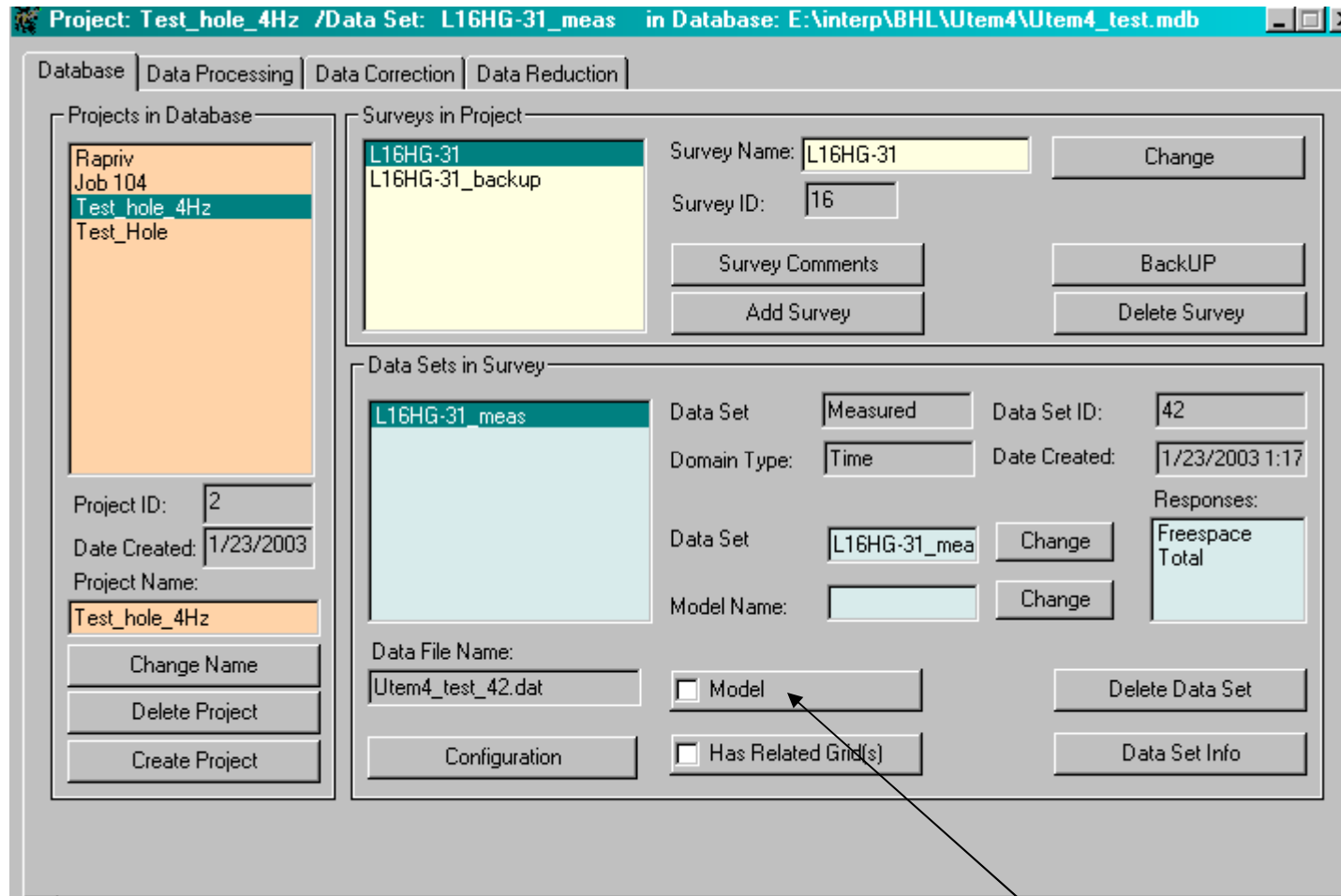# Building a Model

Select a measured dataset.

Click the
Model button

N...	Permeability	Resistivity	Permittivity	Thickness
1	1	1e+009	1	1e+008
2	1	50	1	10
3	1	3000	1	1e+007

Prisms/Plates/Polyhedra | **Layers**

Configuration

Survey Name: L16HG-31_meas

Model Name:

Total Number of Layers 3

Depth

Top Depth -10

Bottom Depth -1e+007

Edit Mode

Insert Layer

Replace Layer

Delete Layer

Undo Delete

Restore

<-- Import Layers

Layer Parameters

Layer # 3

Resistivity 3000

Relative Permeability 1

Relative Permittivity 1

Thickness 1e+007

Susceptibility 0

Cole-Cole Polarization Mode Parameters

C (exponent) parameter 0

M parameter (chargeability) dimensionless 0

T (time constant) parameter seconds 0

Resistivity & Supsceptibility Grid Data Files

View

Add layers – remember the top layer is not assumed
to be an air layer but this is default.

Insert a 3D model

N...	Conductivity	Susceptibility	Permittivity	Algorithm ...	Anomaly N...	PolyFile Name
1	100	0	1	VHPLATE	Plate1	

General Info

Survey Name: Sim Time_59

Model Name: Model_59

View

Number of | 1

Edit Mode

Insert Target

Replace Target

Delete

Undo Delete

Restore

Import Topography

<-- Import Target

Target Properties

Target #: 1

Target Name: Plate1

Electric Properties

Conductance: 1

Resistivity: 0.01

Permeability: 1

Permittivity: 1

Susceptibility: 0

Remanent

Cole - Cole ☐

C (exponent) dimensionless: 0

M (chargeability) dimensionless: 0

T (time constant) seconds: 0

Model

○ Prism

Scat. Algor.

○ ...

Advanced

Interactions

Internal Current Sampling

Number: 441

X: 3600

Y: 8100

Z: -255

● Center   ○ Top

Rotation

Euler Angles

1st: 90

2nd: 90

3rd: 0

Scale Factor (m)

Strike: 1000

Dip Extent: 500

Thickness: 0.01

Geological Angles

Strike: 0

Dip: 90

Plunge: 0

Poly Filename

Import Polyhedra

Emigma ☒

⚠ Configuration has not been saved
Press the APPLY Button to save

OK

Prisms/Plates/Polyhedra | Layers
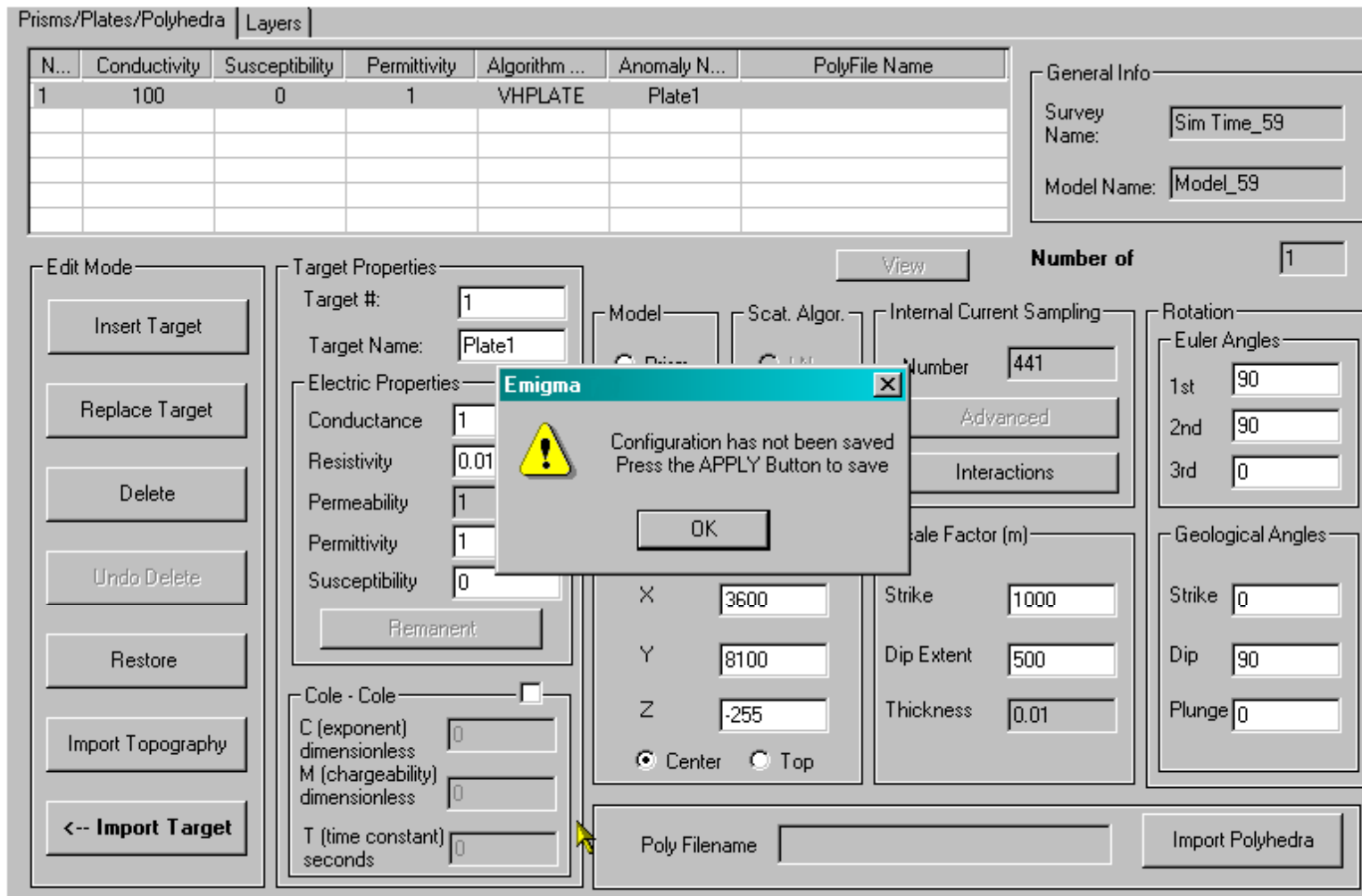
If you click "OK", then the message says to press "APPLY"

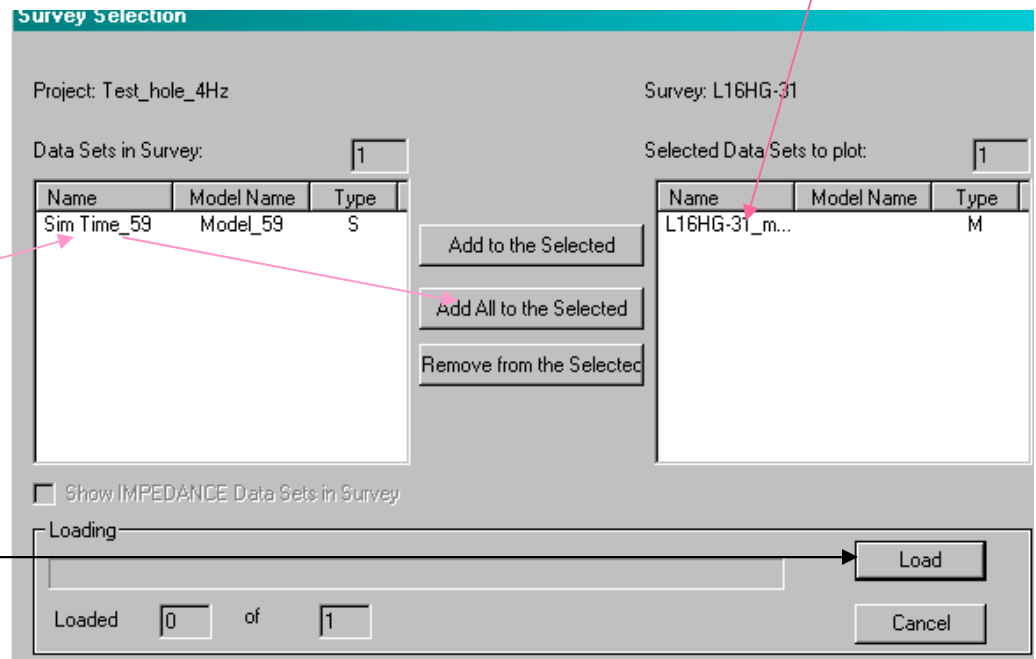| OK	Cancel	Apply	Help
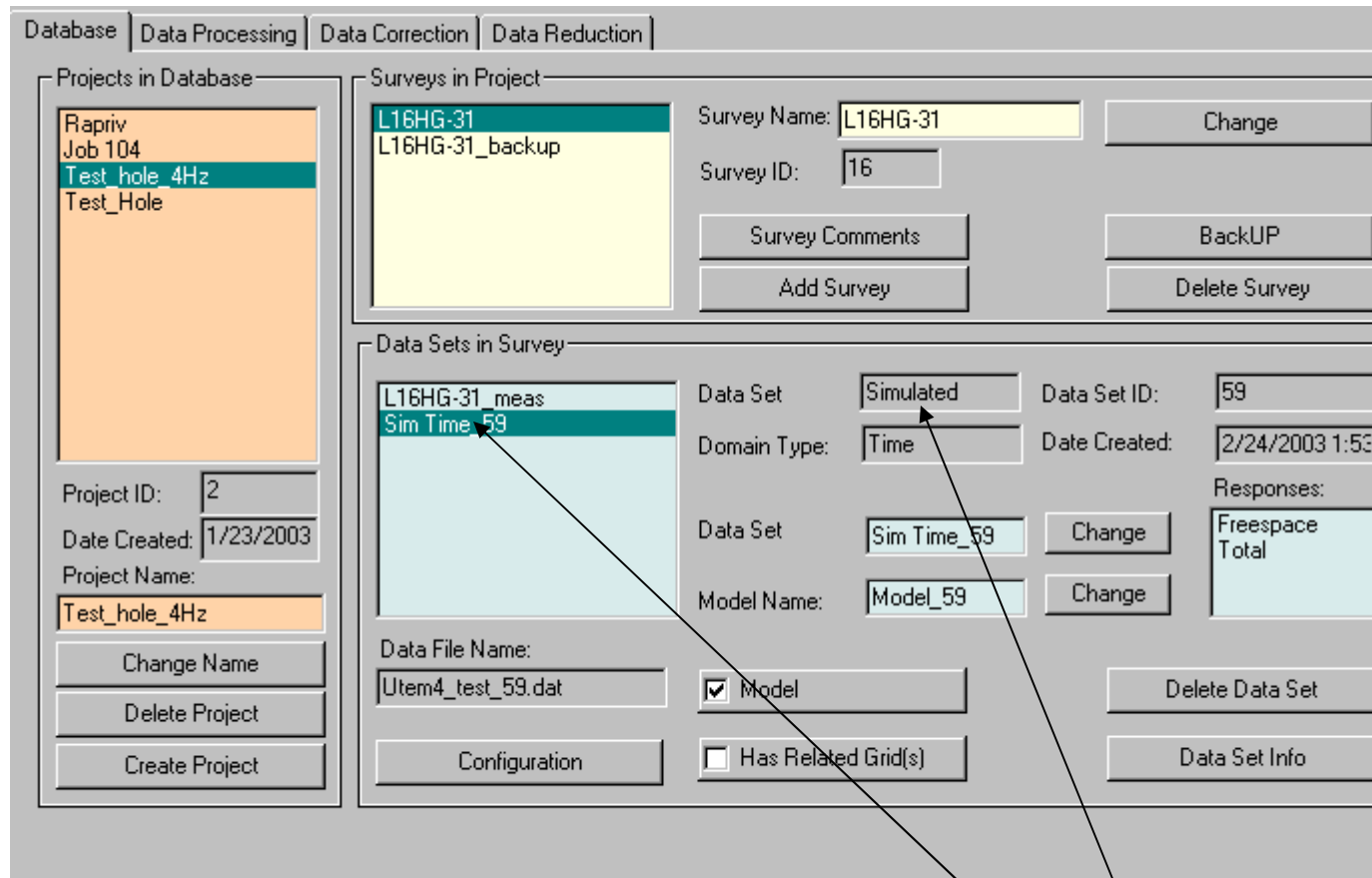
After selecting Apply then you should see a second data set which is a "simulated data set" attached to the measured data
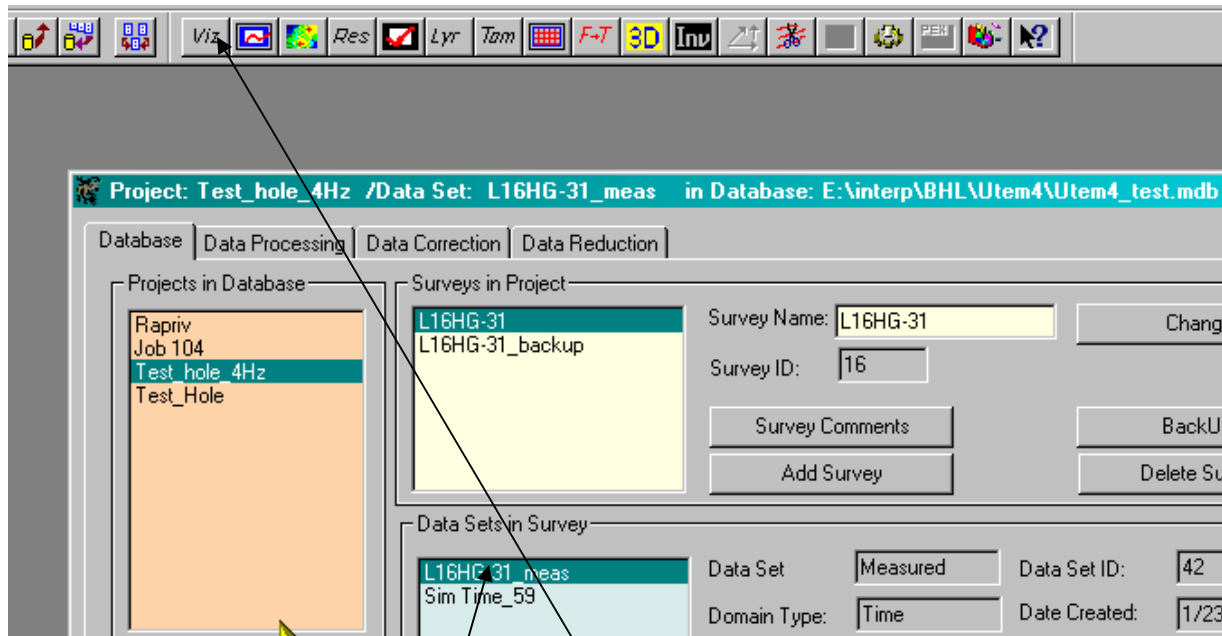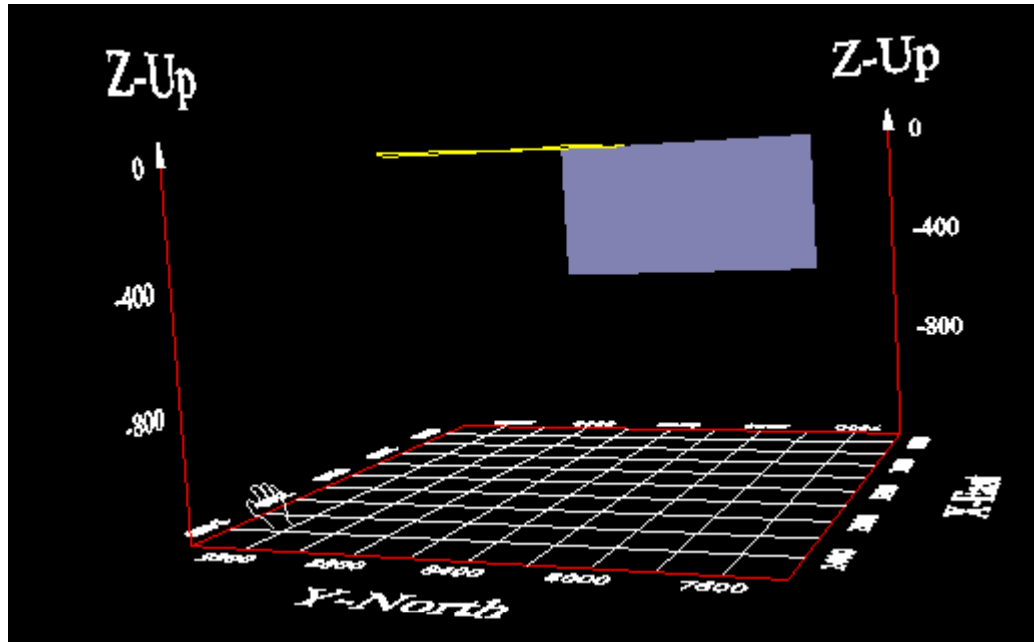
Select Measured Data
set and then Select Visualizer

Measured

Simulated

Load both data sets

You can see your 3D object in the Visualizer and now you can edit it.

Save to database before exiting. It is possible to save to a new data set or to overwrite the old data set.