

MAXWELL SOFTWARE WORKSHOP WORKSHOP AGENDA

Day 1

Introduction to Maxwell (Slideshow)

Extra info

EMIT Website : Updates, FAQ, Support

Some size limits, OpenGL, Vista

Preferences

Importing data

TEM

Native instrument files

GDB's

IP

HELP - for file formats and valid data fields, columns vs header rows

Comments & meta data

Main Menus & Windows

Demonstration & discussion of Maxwell's Windows, Menus, etc..

Maxwell Configurations

Important EM attributes

Units

Colours, symbols, etc.

Component directions

Interrogating and cleaning up field data

Nulling, deleting

Processing options

Grid/Image options

Reporting basic statistics

Review & Exercise

Creating profile plots and exporting data

Template files

Single vs multiplots

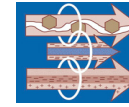
Auto-text {curly brackets}

Review & Exercise

Specific questions of your own datasets

Data import to model export in less than 5 minutes

A demonstration to show how easy it can be!



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Days 2 & 3

Data import to model export in less than 5 minutes (rpt)

A demonstration to show how easy it can be!

Field (data/survey) lines vs Model lines

Modelling using thin plates - FLEM data

Primary Field plots

Review & Exercise

Modelling MLEM & Overburden modelling

Review & Exercise

Planning drillholes for testing interpretations

Planning surveys - synthetic modelling

Creating Model (synthetic) lines

XYZ, GRDs

Primary field

What-if scenarios

Adding geological information (eg 3D DXF's) for viewing

Type curves

Review & Exercise

Specific questions of your own datasets

Modelling DHEM data

Review & Exercise

Modelling Airborne data

Plot point vs TX vs RX

Level vs Elev

Line direction

MCG files

Review & Exercise

Complex waveforms

How to and when to use it

Example of VTEM

Ancillary modules - quick demonstration

Emax CDI's

CSIRO modelling