

# MAXWELL SOFTWARE WORKSHOP

## 2-day WORKSHOP AGENDA

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### Day 1

Introduction to Maxwell (Slideshow)

Extra info

EMIT Website : Updates, FAQ, Support

Some size limits, OpenGL

Preferences

Importing data

DAT & TEM

Native instrument files

GDB's

IP

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

Comments & meta data

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*

Modelling using thin plates - FLEM data

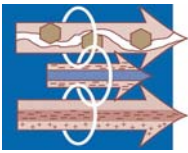
Primary Field plots

*Review & Exercise*

Planning drillholes for testing interpretations

Modelling DHEM data

*Review & Exercise*



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### Day 2

#### 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

#### Creating profile plots and exporting data

Template files

Single vs multiplots

Auto-text {curly brackets}

*Review & Exercise*

#### Planning surveys - synthetic modelling

Creating synthetic Model lines

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

Primary field

What-if scenarios

XYZ, GRDs

Type curves

*Review & Exercise*

#### Modelling MLEM & Overburden modelling

*Review & Exercise*

#### Ancillary modules - quick demonstration

Emax CDI's

CSIRO modelling