

**Equipment list for the Department of Earth Sciences  
Fieldwork (Geophysical) – GEOL2241  
Easter Vacation Fieldtrip**

Gravimeters

2 x Gravimeter (1 departmental, 1 BGS loan; including 2 batteries each)  
2 x Gravimeter and battery chargers  
Any spare gravimeter batteries

Magnetometers

4 x magnetometers (1 x base station, 3 x roving magnetometers; including batteries and charging units)

GPS/levelling

5 x EMLID REACH GPS units (including any associated poles/tripod)

- 1 base station unit
- 4 roving units (one for each group + spare)

4 x Handheld GPS units.

Levelling staff

Levelling tripod and sights

Resistivity

Tigre 2D-resistivity kit, including laptop, all cables, extensions, and electrode pins.

2 x Wenner array control boxes

2 x Wenner array cable reels

4 x Wenner electrodes

Wenner control box chargers

Offset Wenner resistivity kit and associated electrodes and batteries/chargers

Electromagnetic

EM kit + spare batteries.

Seismic kit

Smartseis, cables, and batteries

Geode, cables, batteries, and laptop

Battery charging kits

24 + spares vertical geophones

24 + spares horizontal geophones

General

All field laptops (batteries, cases, etc.)

Box of batteries and any spares

Boxes of pegs and flags, measuring table, trundle wheel.

Repair kit.