

## Field Equipment Housed in Grant Institute

The following list contains field equipment housed in the Grant Institute for use in teaching and research within the School. Equipment is available to staff and students to aid teaching and research projects. Undergraduate field schools are heavy users of the equipment at certain times of the year, particularly in the summer term (after Easter) and September. At these times it may not be possible to borrow certain items for other activities.

To borrow equipment please email [Jim@glg.ed.ac.uk](mailto:Jim@glg.ed.ac.uk) or [Apike@glg.ed.ac.uk](mailto:Apike@glg.ed.ac.uk) or phone to check availability and any costs involved.

The list below is a summary of what is available. Do not assume that presence of an item below means it is available to be used. Email as early as possible to check availability and suitability. This list will be upgraded over time to reflect new purchases.

NOTE Technical assistance is mandatory with certain pieces of equipment.

Category	Equipment	Comment
<b>Wet sediment Coring</b>	1m Mackereth Corer 3m Mackereth Corer 6m Mackereth Corer Gravity Corer Grab Corer	Technical assistance required Technical assistance required Technical assistance required Technical assistance required
<b>Land Coring</b>	Giddings Soil Sampler Russian Corer Gouge Corer Petrol Rock Drills	Technical assistance required
<b>Boats and Equipment</b>	Semi Rigid Avon + 30Hp Johnson Outboard* 2.5m Tender* 3m Tender* 12v Electric Outboard Garmin Gps 126 Garmin 120 Fishfinder Apelco Fishfinder / Plotter / Gps 8 X Survival Suits 4 X Lifejackets 2 X Garmin 725e VHF Marine Radios 2 X SX Micro 90 VHF Marine Radios 1 X Emergency Kit ( Flares etc) 6 X Water Sampling Bottles ( niskins) 1 X CTD / Current Meter	* Technical assistance required * Technical assistance required * Technical assistance required
<b>Generators</b>	1 X Kawasaki GA1400 110/240V (12V DC) 2 X Generac SP2600 110/240V 1 X 25m 240v Extension 1 X 25m 110V Extension 3 X 240V Distribution Boards	
<b>Surveying</b>	2 X Leica NA20 Levels	

	2 X Tripods 2 X Staffs 2 X Garmin Gps12 1 X Garmin Gps 72 1 X Garmin Gps 76 1 X Garmin Mapsource Gps software 4 X 30m Tape measures 3 X Compass Clinometers
<b>Water Sampling</b>	1 X Jabasco 240v diaphragm pump 1 X two-stroke petrol pump 1 X Air operated double diaphragm pump 1 X Palintest 7000 field Kit 1 X Geopacks MPJ current meter 1 X FSI Current meter / CTD
<b>Safety</b>	Hard Hats Safety goggles
<b>Communication</b>	2 X Motorola Handie Com 3Km Range 2 X EuroWave PMR 446 Tranciever 5 X Mobile phones
	3Km Range