

**Classification**

Water Content	£8.50
Saturation Moisture Content	£ 30.00
Plasticity Index (excl. NMC, 4 point)	£ 45.00
Plasticity Index (excl. NMC, 1 point)	£ 28.00
Linear Shrinkage	£ 30.00
Bulk & Dry Density (direct)	£ 25.00
Bulk & Dry Density (immersion)	£ 30.00
Particle Density (pycnometer)	£ 45.00
Wet Sieve	£ 45.00
+ EO Sedimentation by Pipette	+ £ 45.00
+ EO Sedimentation by Hydrometer	+ £ 50.00
Desiccation (filter paper suction)	£ 55.00
+ EO remould at NMC	+ £ 8.50

**Compaction**

2.5 kg in Proctor	£ 115.00
2.5 kg in CBR	£ 125.00
4.5 kg in Proctor	£ 125.00
4.5 kg in CBR	£ 142.50
Vibro Compaction	£ 150.00

Maximum/Minimum Densities please call  
(different versions for different material types)

MCV (1 point at NMC)	£ 60.00
MCV Calibration (5 points)	£ 135.00
CBR	£ 55.00
+ EO remould	+ £ 42.50
+ EO soaking (up to 5 days)	+ £ 60.00
Chalk Crushing Value (6 points)	£ 140.00
Chalk Crushing Value (1 point)	£ 55.00

**Miscellaneous**

Specimen Photography (per image)	£ 18.00 / ea
Thermal Conductivity (undisturbed)	£ 120.00
Custom reporting, incl. electronic data from	£ 50.00 / hr
Laboratory Vane (Peak only)	£ 45.00
Shear Strength by Fall Cone	£ 75.00
Tailings analysis testing	please call

**Quick Undrained Triaxial**

UCS (on soil)	£ 35.00
Quick Undrained (single stage)	£ 45.00
Quick Undrained (multi stage)	£ 52.00
Remoulding charges – dependent upon specimen size	
Quick Undrained (38mm set of 3)	£ 120.00
+ EO remould at NMC (per set of 3 x 38mm)	£ 20.00

**Effective Stress** (all prices per specimen)

[Note: Consolidated Drained/Undrained and single/multi stage are all the same price]

Isotropically Consolidated	£ 220.00
(up to 4 days, minimum 1 day/stage)	
+ EO extra days	+ £ 50.00 / day
Remoulding charges – dependent upon specimen size	

Mid-height PWP, Stress Path, Local Strain,  
Piezo Bender, CRS, DSS etc. please call

**Permeability and Durability**

Constant Head Permeability in a <b>Triaxial</b> Cell	
[for low permeability] (up to 4 days)	£ 140.00
+ EO extra days	+ £ 50.00 / day
Remoulding charges – dependent upon specimen size	

Constant Head Permeability in a <b>Permeameter</b>	
[for high permeability] (up to 4 days)	£ 165.00
(includes remoulding)	

Horizontal Permeability (HA41/90)	£ 480.00
[for high permeability, price includes remoulding]	

Hydraulic (Rowe) Cell Permeability (up to 4 days)  
[permeability determination only,  
does **not** include Mv or Cv determination -  
please see Consolidation section if this is required]

up to 100mm diameter	£ 400.00
up to 250mm diameter	£ 500.00
+ EO extra days	£ 50.00 / day
Remoulding charges – dependent upon specimen size	

Pinhole (includes remoulding)	£125.00
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**Consolidation**

Oedometer Consolidation	
Mandatory (up to 5 days, minimum 1 day/stage)	£ 120.00
+ EO optional reporting	+ £ 20.00
+ EO swelling pressure	+ £ 30.00
+ EO extra days	+ £ 30.00 / day

Oedometer Swelling Test	
(up to 5 days, minimum 1 day/stage)	£ 120.00
+ EO extra days	+ £ 30.00 / day

Isotropic in Triaxial Cell (up to 4 days)	£ 240.00
+ EO extra days	+ £ 50.00 / day

Hydraulic (Rowe) Cell Consolidation (up to 4 days)	
[provides Mv and Cv determination - permeability stages can be added as required and charged for just by the extra days incurred]	
up to 100mm diameter	£ 400.00
up to 250mm diameter	£ 500.00
+ EO extra days	£ 50.00 / day

Remoulding charges – dependent upon specimen size

Constant Rate of Strain (CRS)	please call
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**Shearbox** (all prices per specimen)

60mm Small Shearbox (up to 1 day)	£ 75.00
+ EO extra days	+ £ 35.00 / day
+ EO sample preparation, if required	+ £ 12.00 / spec
(includes screening, mixing to MC, etc)	

300mm Large (up to 1 day)	£ 160.00
EO remould at NWC	+ £ 60.00
+ EO remould to specified WC	+ £65.00
+ EO extra days	+ £ 80.00 / day

Ring Shear (up to 4 days, incl. prep.)	£ 225.00
+ EO extra days	+ £ 35.00 / day
(usually 2 extra days required for 3 pressures)	

**Rock Testing**

UCS	£80.00
(including end preparation but not recoring)	
UCS with Young's Modulus (YM)	£180.00
UCS with YM & Poisson's Ratio	£250.00
Slake Durability (2 cycles)	£92.00
Cerchar Abrasivity	£155.00

Point Load Test (per determination)	£ 13.00
Tensile Strength by Brazilian	£ 82.00

Sound Velocity (P & S waves)	£ 55.00
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Rock Triaxial (w/out PWP, 1 stage)	£ 305.00
+ EO add. pressures (multistage)	+ £ 35.00
+ EO recoring	+ £ 25.00

Direct Shear of Rock Discontinuity £ 325.00  
(Per specimen up to 1 day ,includes trimming,  
encapsulation and single shear run but NOT residual  
stages, EO days or recoring if required}]

**Petrographic Services**

All petrographic analysis includes please call  
for the provision of thin section slide  
preparation

**Chemical Testing**

pH	£ 6.50
Sulphate - Total	£ 9.00
Sulphate - Water Soluble	£ 9.00
Sulphate - Groundwater	£ 9.00
Organic Content	£ 13.00
Loss on Ignition	£ 12.00
Carbonate	£ 27.00
Total Sulphur	£ 11.00
BRE SD1 Suite A	£ 14.00
BRE SD1 Suite B	£ 34.50
BRE SD1 Suite C	£ 41.00
BRE SD1 Suite D	£ 59.00
Electrical Resistivity (undisturbed)	£ 105.00
Electrical Resistivity (remoulded)	£ 120.00