

## Quick Reference Price List - to year end 2023

Please see our full price list or web site for test methods, terms and conditions. All prices exclude VAT. EO=Extra Over Item

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# **GEOLABS** ®

#### Classification

Water Content	£7.00
Saturation Moisture Content	£ 25.00
Plasticity Index (excl. NMC, 4 point)	£ 35.00
Plasticity Index (excl. NMC, 1 point)	£ 25.00
Linear Shrinkage	£ 25.00
Bulk & Dry Density (direct)	£ 20.00
Bulk & Dry Density (immersion)	£ 25.00
Particle Density (pyknometer)	£ 35.00
Wet Sieve	£ 35.00
+ EO Sedimentation by Pipette	+ £ 35.00
+ EO Sedimentation by Hydrometer	+ £ 45.00
Desiccation (filter paper suction) + EO remould at NMC	£ 42.00 + £ 9.50

## Compaction

2.5 kg in Proctor	£ 90.00
2.5 kg in CBR	£ 100.00
4.5 kg in Proctor	£ 100.00
4.5 kg in CBR	£110.00
Vibro Compaction	£ 115.00
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Maximum/Minimum Densities please call (different versions for different material types)

MCV (1 point at NMC)	£ 45.00
MCV Calibration (5 points)	£ 100.00
CBR	£ 45.00
+ EO remould	+ £ 35.00
+ EO soaking (up to 5 days)	+ £ 35.00
Chalk Crushing Value (6 points)	£ 100.00
Chalk Crushing Value (1 point)	£ 45.00

#### Miscellaneous

Specimen Photography (per image	e) £ 18.00 / ea
Thermal Conductivity (undisturbed	£ 95.00
Custom reporting, incl. electronic data	from £ 35.00 / hr
Laboratory Vane (Peak only)	£ 35.00
Shear Strength by Fall Cone	£ 40.00
Tailings analysis testing pl	ease call

#### **Quick Undrained Triaxial**

UCS (on soil)	£ 24.00
Quick Undrained (single stage)	£ 32.00
Quick Undrained (multi stage)	£ 34.00
Remoulding charges - dependent upon specin	nen size
Quick Undrained (38mm set of 3)	£ 55.00
+ 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 £ 180.00 (up to 4 days, minimum 1 day/stage)

+ EO extra days + £ 35.00 / 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 **Triaxial** Cell [for low permeability] (up to 4 days) £ 110.00 + EO extra days + £ 35.00 / day Remoulding charges – dependent upon specimen size

Constant Head Permeability in a **Permeameter** [for high permeability] (up to 4 days) £ 145.00 (includes remoulding)

Horizontal Permeability (HA41/90) £ 350.00 [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 £ 340.00 up to 250mm diameter £ 420.00

+ EO extra days £ 35.00 / day Remoulding charges – dependent upon specimen size

Pinhole (includes remoulding) £105.00

#### Consolidation

Oedometer Consolidation (up to 5 days, minimum 1 day/stage) + EO swelling pressure + EO extra days	£ 85.00 + £ 25.00 + £ 20.00 / day
Oedometer Swelling Test (up to 5 days, minimum 1 day/stag + EO extra days	ge) £ 90.00 + £ 20.00 / day

Isotropic in Triaxial Cell (up to 4 days) £ 200.00 + £ 0 extra days + £ 35.00 / 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 £ 340.00 up to 250mm diameter £ 420.00 + EO extra days £ 35.00 / day

Remoulding charges - dependent upon specimen size

Constant Rate of Strain (CRS) please call

### Shearbox (all prices per specimen)

60mm Small Shearbox (up to 1 day) £ 55.00 + EO extra days + £ 25.00 / day + EO sample preparation, if required + £ 10.00 / spec (includes screening, mixing to MC, etc

300mm Large (up to 1 day) £ 120.00 + EO remould at NMC + £ 50.00 + EO extra days + £ 65.00 / day

Ring Shear (up to 4 days, incl. prep.) £ 180.00 + EO extra days + £ 25.00 / day (usually 2 extra days required for 3 pressures)

#### **Rock Testing**

UCS	£60.00
<ul><li>(including end preparation but not recori</li><li>+ EO Young's Modulus</li><li>+ EO YM &amp; Poisson's Ratio</li></ul>	ng) £ 79.00 £128.00
Slake Durability (2 cycles) Cerchar Abrasivity	£ 65.00 £122.00
Point Load Test (per determination) Point Load Test (set of 10) Tensile Strength by Brazilian	£ 10.00 £ 70.00 £ 65.00
Sound Velocity (P wave only) Sound Velocity (P & S waves)	£ 38.00 £ 45.00
Rock Triaxial (w/out PWP, 1 stage) + EO add. pressures (multistage) + EO recoring	£ 215.00 + £ 31.00 + £ 20.00
Direct Shear of Rock Discontinuity (Per specimen up to 1 day ,includes trim	£ 240.00 ming,

(Per specimen up to 1 day ,includes trimming, encapsulation and single shear run but NOT residual stages, EO days or recoring)]

## Petrographic Services

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

## Chemical Testing

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pH	£ 5.00
Sulphate - Total	£ 7.00
Sulphate - Water Soluble	£ 7.00
Sulphate - Groundwater	£ 7.00
Organic Content	£ 9.00
Loss on Ignition	£ 8.00
Carbonate	£ 16.50
Total Sulphur	£ 12.00
BRE SD1 Suites A to D	please call
Electrical Resistivity	£ 103.00