

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

| | | |
|--|---|---|
|  <p>UKAS TESTING</p> <p>1816</p> <p>Accredited to ISO/IEC 17025:2017</p> | <p>British Geological Survey - a trading division of United Kingdom Research and Innovation (UKRI)</p> <p>Issue No: 036 Issue date: 05 February 2026</p> | |
| | <p>Keyworth Nottingham NG12 5GG</p> | <p>Contact: Olivier Humphrey Tel: +44 (0)115 936 3336 E-Mail: olih@bgs.ac.uk Website: www.bgs.ac.uk</p> |
| <p>Testing performed at the above address only</p> | | |

DETAIL OF ACCREDITATION

| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|---|--|---|
| WATERS | <u>Chemical Tests</u> | |
| Natural waters including pore-waters and BGS supplied synthetic or experimental fluids Trade Effluent Process Water | Li, Be, B, Na, Mg, Al, Si, P, S, K, Ca, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, Ga, As, Se, Rb, Sr, Y, Zr, Nb, Mo, Cd, Sn, Sb, Cs, Ba, La, Ce, Pr, Nd, Sm, Eu, Tb, Gd, Dy, Ho, Er, Tm, Yb, Lu, Hf, Ta, W, Tl, Pb, Bi, Th, U | Documented In-House Method AG 2.3.21 by ICP-MS |
| Natural waters including pore-waters and BGS supplied synthetic or experimental fluids | pH and Alkalinity | Documented In-House Method AG 2.3.22 by Automated Potentiometric Titration |
| Natural waters including pore-waters and BGS supplied synthetic or experimental fluids | F ⁻ , Cl ⁻ , NO ₂ ⁻ , Br ⁻ , NO ₃ ⁻ , SO ₄ ²⁻ , HPO ₄ ²⁻ | Documented In-House Method AG 2.3.19 by Ion Chromatography |
| Natural waters including Ground water, surface water | F ⁻ , Cl ⁻ , NO ₂ ⁻ , Br ⁻ , NO ₃ ⁻ , SO ₄ ²⁻ , HPO ₄ ²⁻ | Documented In-House Method AG 2.3.25 by Ion Chromatography |
| Natural waters including pore-waters and BGS supplied synthetic or experimental fluids | Non-Purgeable Organic Carbon | Documented In-House Method AG 2.3.20 by Combustion Analysis using Organic Carbon Analyser |

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