



Our Ref: 21-26391  
Your Ref: 60896605

# ENVIROCHEM

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## Analysis Report

**Client:** GAU Radioanalytical  
National Oceanography Centre  
European Way  
Southampton  
Hampshire  
SO14 3ZH

**Sample Details:** 1 water sample for concrete digest for metals

**Date report issued:** 17 August 2021

**Number of pages (including this header):** 2

### Accreditation

All analytes marked **M** have been analysed under the scope of our MCERTS accreditation

All analytes marked **U** have been analysed under the scope of our UKAS accreditation

All analytes marked **m** have been subcontracted and analysed under the scope of their MCERTS accreditation

All analytes marked **u** have been subcontracted and analysed under the scope of their UKAS accreditation

All results labelled with an asterisk (\*) are non-conforming due to incorrect sample storage or handling. The result may be invalid.

All comments are beyond the scope of our accreditation.

The results shown in this test report specifically refer to the sample(s) tested as received unless otherwise stated.

This report shall not be reproduced except in full, without written approval of Envirochem.

Uncertainty of measurement is not accounted for in reported results

Signed on behalf of Envirochem by an authorised signatory

Dr Duncan Russell

Authorised Signatory



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**Client:** GAU Radioanalytical Lab (Geoscience Advisory Unit)

**Site:** Not Supplied

**Sampled By:** Client

**Envirochem Job No.** 21-26391

**Submitted By:** Client

**Date Received:** 6 August 2021

**Date Completed:** 16 August 2021

**Date Issued:** 17 August 2021

				78518 Misc / / Concrete Digest			
Determination	Units	Method	Detection Limit				
Aluminium	mg/l	6.08	0.1	52.9			
Calcium	mg/l	6.08	1	93			
Uranium	mg/l	6.08	0.50	< 0.50			
Thorium	mg/l	6.08	0.010	1.08			
Copper	mg/l	6.08	0.02	< 0.02			
Iron	mg/l	6.08	0.1	26.7			
Potassium	mg/l	6.08	0.1	15.8			
Magnesium	mg/l	6.08	0.1	8.3			
Manganese	mg/l	6.08	0.02	0.84			
Sodium	mg/l	6.08	1	14			
Nickel	mg/l	6.08	0.02	0.04			
Lead	mg/l	6.08	0.02	< 0.02			
Silicon	mg/l	6.08	0.10	0.95			
Strontium	mg/l	6.08	0.2	< 0.2			
Titanium	mg/l	6.08	0.02	3.74			
Phosphorous (total)	mg/l	6.08	0.01	< 0.01			

Limits labelled '\*' are soil guideline values from Defra 2002 (information taken from: Using Soil Guideline Values: Science Report: SC050021/SGV introduction & [www.environment-agency.gov.uk/clea](http://www.environment-agency.gov.uk/clea))

Limits labelled '\*\*' are LQM Soil Guideline Values

Limits labelled '\*\*\*' are ICRL 59/83 trigger concentrations. These do not differentiate between domestic and allotments