



**James  
Hutton  
Limited**

Impact through Science

ANALYTICAL LABORATORY SERVICES

Assured Analytical Excellence

# Total Barium Analysis in Marine Sediment Samples

Analysis by  $\text{LiBO}_2$  fusion and ICP-OES

**Monitoring barite levels during well decommissioning can be used as a marker of potential drilling mud influence.**

**Lithium metaborate fusion is a technique used to convert geological samples into solution, providing complete decomposition, so that samples can be analysed by Inductively Coupled Plasma Optical Emission Spectroscopy (ICP-OES) for total concentration elements such as Barium.**

**For further information and pricing contact: [Fiona.Sturgeon@Hutton.ac.uk](mailto:Fiona.Sturgeon@Hutton.ac.uk); 01224 395351**

Part of a range of ICP services offered

TBa Passed GeoPT 2022 and 2023 organised by the International Association of Geoanalysts (IAG)

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