

# ENVIRONMENTAL CHEMISTRY

The Environmental Chemistry Division of Geotechnical Services offers clients a complete consultancy service encompassing design of analytical programmes, sampling, analysis and interpretation.

The division performs analyses largely for the oil exploration and production industry, but is also involved in a number of other areas concerned with environmental management and trace element analysis. A particular area of expertise is the set-up and execution of surveys of the sea floor near off-shore drilling rigs and platforms which are used to monitor the dispersal and degradation of drilling discharges.

"THIS SERVICE ENCOMPASSES DESIGN OF ANALYTICAL PROGRAMS, SAMPLING, ANALYSIS AND INTERPRETATION."



On a routine basis, this division determines ultra-trace concentrations of petroleum hydrocarbons, pesticide residues and heavy metals. The analytical methods employed have been developed through years of research experience.



## SERVICES

- Quantitative Analysis of Ultra Trace Organic Pollutants and Metals: In air, marine biota, water, soil and sediment.
- Determination of Organic Pollutants: Petroleum hydrocarbons, PAHs, PCBs, pesticides and drilling additives
- Pesticide Formulations: Approved analysts for testing of pesticides by the National Registration Authority for Agricultural and Veterinary Chemicals
- Oil Spill Studies: Evaporative loss, spreading rate and biodegradation
- Other Services: Design and implementation of environmental pollution study programs, sampling and supply of sampling containers

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TECH**