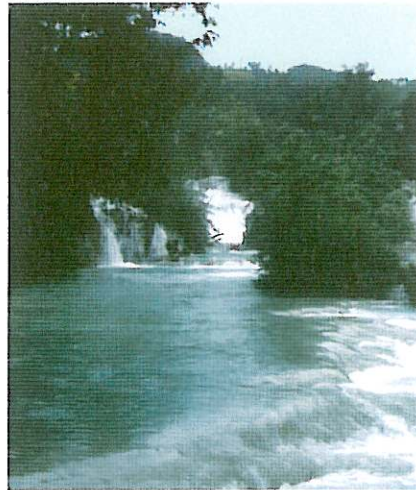
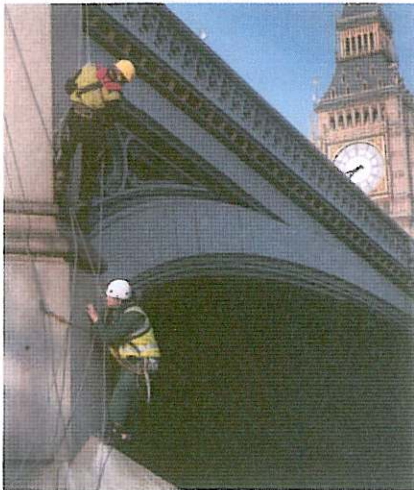
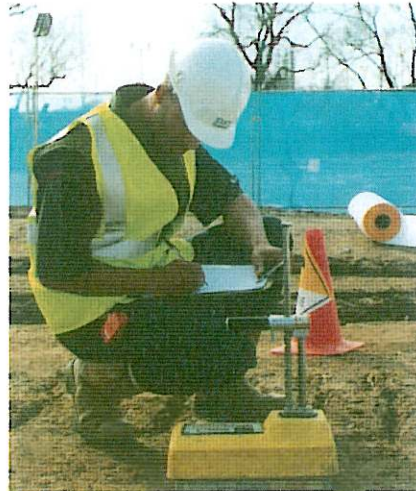


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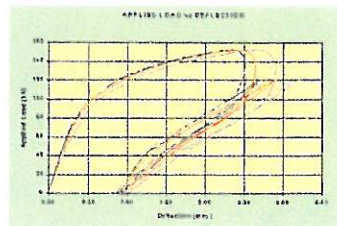
Structures and Buildings



Investigation and Monitoring

STATS has been at the forefront of developing and implementing innovations in this field, since its incorporation in 1974.

- Building acquisition and divestment condition surveys
- Structural investigation and assessment
- Principal/special inspection and testing of highway/railway structures
- Measurement of strain displacement
- Load testing of structures and barriers



Repair and Maintenance

Experience of working with asset and facilities managers bringing forward cost-effective solutions to both routine and complex maintenance and repair requirements.

Specialist expertise in:

- Preparing specifications, quantities, drawings and conditions of contract
- Supervising the repair of reinforced concrete structures like multi-story car parks and water retaining structures
- Brick/block work, cladding and roofing problems



Investigation – Monitoring – Repairs and Maintenance

Materials and Construction



Construction Phase

Specialist engineering and scientific expertise in:

- Construction materials testing and control
- Evaluation and selection
- Durability assessment and advice
- Steelwork fabrication inspection
- Specification review and design team input
- On site laboratories
- Supplier and manufacturing audits



Resource Evaluation

Geological and materials science applied to natural resources and manufacturing industries:

- Natural resource exploration and assessment
- Weathering and durability testing
- Product evaluation
- Supplier assessments
- Dimension stone and cladding consultancy



In Service Performance

Expert consulting, investigation and inspection services with allied UKAS laboratories

- Investigation of catastrophic failures
- Defect investigation and expert services
- Dispute resolution
- Forensic investigations
- Historic building materials
- Chemical products used in construction



- Aggregates
- Rock and building stone
- Soil mechanics
- Concrete materials
- On site sampling and testing
- Petrography
- Bituminous materials
- International methods

Materials Advice – Testing – Petrography – Analysis – Expert Witness

Ground Engineering

Innovative solutions for land reclamation and foundation design



Site Investigation and Appraisal

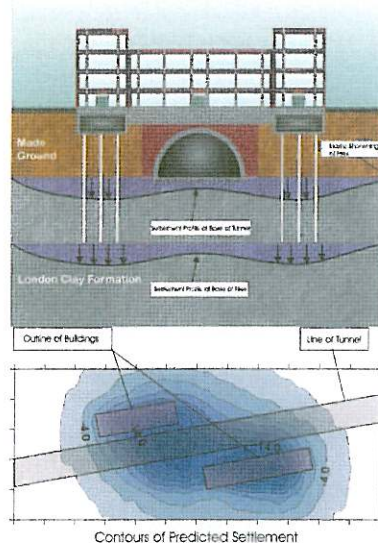
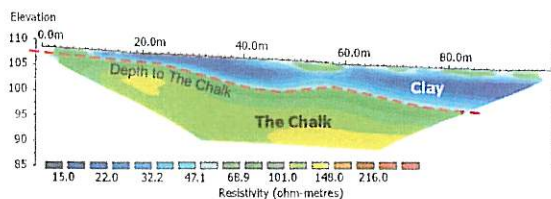
Integrated geotechnical and geo-environmental capability covering the full range of site investigation for development, asset management and ground-related problem solving.

- Geotechnical desk studies and site mapping
- Phase 1 environmental audits
- Geophysical surveys
- Ground investigation, instrumentation, monitoring and laboratory testing for geotechnics, contamination, landfill gas and leachate investigations
- Environmental risk assessment
- Flood risk and hydrogeological modelling
- Geohazard risk assessment
- Engineering feasibility and conceptual design

Design

Permanent and temporary works engineering analysis and detailed design for:

- Contaminated land remediation systems
- Earthworks and road pavement foundations
- Treatment of unstable ground and cavities from mining and chalk/limestone dissolution
- Foundations, retaining walls and slopes
- Dewatering, drainage and soakaways
- Landfill lining and capping systems



Construction

Implementation of ground stabilisation, reclamation and contaminated land remediation schemes, including the provision of:

- Method statements for remediation works
- Contract documentation and administration
- On-site supervision, inspection and testing
- Final land quality verification
- Planning supervisor services



Investigation – Appraisal – Design – Construction

The Environment

from management systems to real-time monitoring



Working and Living Environments

Survey, monitoring, risk assessment and design to create the optimum working and living environments

- Internal air and water quality
- Lighting and thermal comfort
- Noise assessment and acoustics
- Sick Building Syndrome
- COSHH assessment
- Personal protection systems

Environmental Management Systems

Providing a complete service to industry to help organisations achieve registration

- Corporate policy advice
- Training management and operatives
- Auditing and feedback
- Wastes minimisation
- Documentation for EMAS, ISO 14001 and Project Acorn

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STREAMLINE



Pollution Monitoring and Control

Experienced in most aspects of industrial pollution control and waste management

- IPPC, IPC and regulation advice
- Emission to air, land and water
- Energy, noise and vibration
- Effluent and wastes management



Asbestos Management

From initial survey to final removal, we offer proven solutions

- Acquisition and divestment building surveys and assessments
- Asbestos registers
- Project management of removals
- Contract administration
- Clearance/reassurance monitoring
- Training



Innovative Solutions to Management and Monitoring

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STATS Limited is an independent consultancy practice, with allied testing and inspection services, which specialises in environmental issues, ground engineering, materials used in construction and built structures, both in the UK and world wide. The skills and abilities of our team have been developed to provide innovation whilst retaining the traditional values of a quality service.



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