



A2 Site Investigation



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We are A2SI



A2SI is a team of professional engineers, geologists, project managers and site personnel with significant ground engineering industry experience.

We are committed to providing high quality site investigations to support the design and development of buildings, infrastructure and spaces across the UK. From house extensions, basements, and modern art sculptures, to tall buildings, tunnels and public infrastructure. Our team can deliver the highest quality design data and achieve this with best practice and state of the art investigation methods, to mitigate geotechnical and geo-environmental risk and add value for our clients.



A2SI offers a comprehensive range of services, supported by the technical expertise of A-squared Studio Engineers, providing our clients an additional layer of confidence, added value and quality assurance.

We are A2SI



We operate an extensive range of specialist plant and equipment, which allows us to safely and successfully perform investigative works in the most challenging environments. From basement drilling, deep trial pits and structural openings, to public highway works and drilling in proximity to existing tunnels.

We are often engaged at an early project stage, so we can provide advice on the techniques available to recover the necessary design data for any project, big or small.

We understand the importance of clear, effective and prompt communication and our business strategies have been developed to support this aim. We always work closely with our clients and deliver the results of our investigations on time and within budget.



Our Services

GROUND INVESTIGATION

- Rotary and cable percussion drilling, including restricted headroom and access
- Excavations including foundation, archaeological and utilities investigation
- Geotechnical soil, rock & aggregate laboratory testing
- Geo-environmental sampling and laboratory testing
- Soil gas and groundwater monitoring
- Inclinometers and extensometers installation
- Specialist testing services such as pressuremeter, CPT, packer testing and geophysical surveys

SITE INVESTIGATION

- Underground utility tracing and mapping
- Topographic surveys
- Structural investigations
- Pile investigation & testing
- Archaeological surveys
- UXO desk studies & watching briefs

CONSULTANCY

- Geotechnical & geo-environmental desk studies including Phase 1 risk assessment
- Ground investigation planning
- Geo-environmental Phase 2 risk assessment
- Waste classification
- Foundations and retaining wall design
- Soil-structure interaction analysis
- Basement impact assessments
- Ground movement impact assessment on buildings, utilities and infrastructure
- Temporary works design (working platform, crane foundations, etc)
- Pile design and testing