GROUND INVESTIGATION PROJECT MANAGEMENT

Capability Statement CS5 | Rev 2.0 | November 2026

Magnum GSI scopes, procures and manages intrusive ground investigations on behalf of clients who need the work done properly but do not have a geotechnical team of their own. We own no drilling rigs and have no commercial ties to any contractor, so the scope is driven by the design questions and the contractor is held to our specification. The service runs from the first brief to an interpretive report and ground model, or covers whichever stages the client needs.

What we provide

- **Scope and specification.** Starting from a desk study or a GeoScreen Tier 1 report, we design the exploratory holes, in-situ testing, sampling, monitoring installations and laboratory schedule, and write the specification to the UK Specification for Ground Investigation (3rd edition, 2022) and BS 5930:2015+A1:2020. Contamination work follows BS 10175:2011+A2:2017.
- **Procurement.** Tender documents, a shortlist of contractors suited to the site and its access, tender review and a written recommendation. We work within client frameworks where they exist.
- **Site management.** Supervision of the fieldwork by our geoscientists, logging to BS EN ISO 14688 and 14689, confirmation that target horizons are reached, and redesign on site when the ground differs from expectation. Field data is captured digitally and shared with the client as the work proceeds.
- **Monitoring and testing.** Groundwater and ground gas installations and monitoring rounds, and a laboratory schedule matched to the parameters the design needs.
- **Close out.** The contractor's factual report is checked against the specification before acceptance. AGS 4.1 data is issued to the design team. We prepare the interpretive report and ground model with the geotechnical and geo-environmental parameters required.
- **Safety, cost and programme.** Review of risk assessments and method statements, utility clearance and permits, CDM 2015 duties confirmed before fieldwork, and the investigation tracked against budget and programme with early warning of change.

How we work

Every hole has a purpose that can be traced to a design question, and the specification is written so that tenders can be compared like for like. Our supervising geoscientist has the authority to vary the work on site within an agreed budget, so time on site is not lost waiting for instructions. The client sees the field data as it is collected, not weeks later.

Who it is for

Developers, architects, quantity surveyors and contractors without in-house geotechnical support; asset owners and infrastructure teams wanting independent oversight; and solicitors and funders closing out ground risk before a transaction.

Standards and quality

UK Specification for Ground Investigation (3rd edition, 2022); BS 5930:2015+A1:2020; BS EN 1997-2; BS 10175:2011+A2:2017; BS EN ISO 14688-1, 14688-2 and 14689; AGS 4.1; CDM 2015. Work is carried out under Magnum GSI's ISO 9001 certified quality management system (certificate 251677) and the company holds Cyber Essentials certification across the whole organisation. Every report is checked by a second engineer before issue.

Coverage

England, Wales and Scotland. Single plots to industrial and infrastructure sites.

Contact

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