

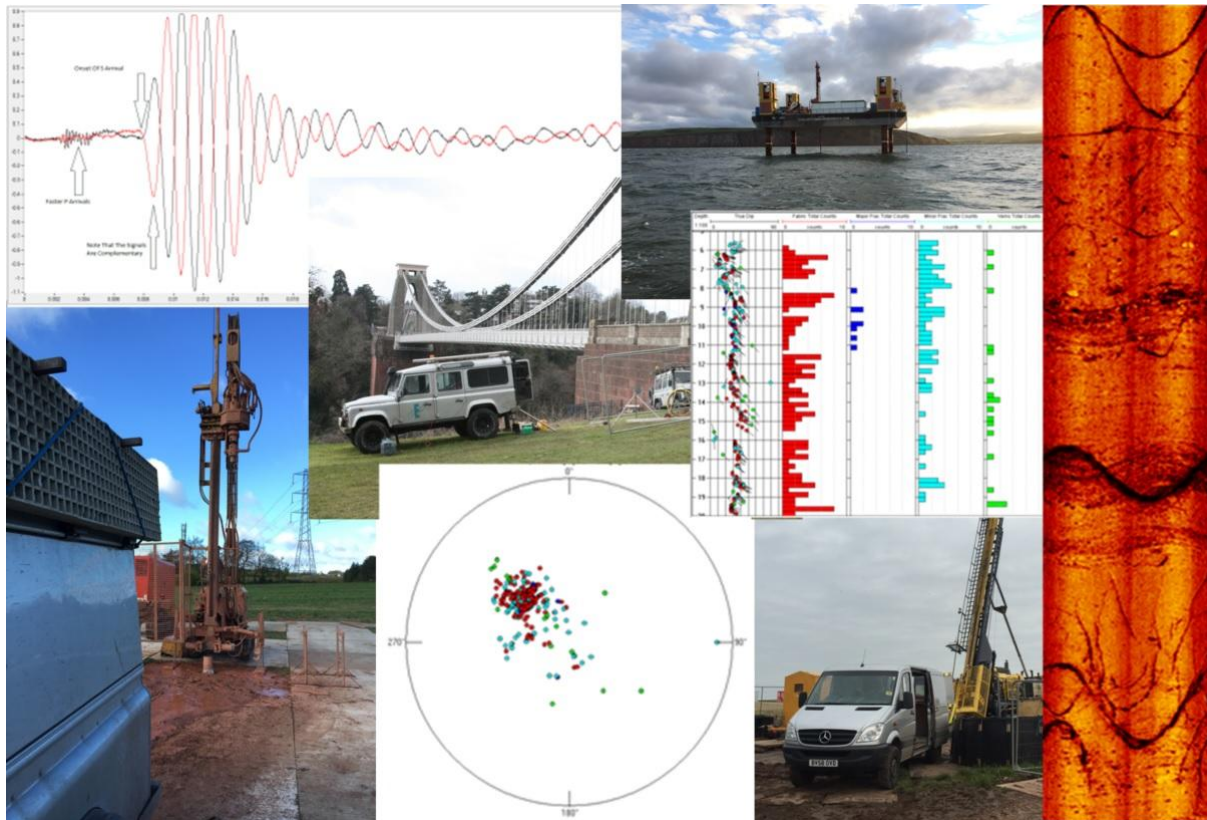


**EUROPEAN
GEOPHYSICAL
SERVICES**

CAPABILITY STATEMENT

Geophysical Logging & Borehole Imaging for Geotechnical Site Investigations

European Geophysical Services Ltd is a leading borehole geophysical logging company, providing a large range of measurements and services to the water, environmental, mining and geotechnical industries. This position is based on an excellent and reliable field service, coupled with many years of geophysical interpretation experience, efficient data processing and high quality reporting.



European Geophysical Services data presentation format has become an accepted standard with many geotechnical, water and environmental clients.

European Geophysical Services employs a multi-disciplinary team of BSc, MSc and PhD qualified geophysicists and geologists, able to provide a service customised to the clients requirements. Our current capabilities includes:

- ▶ 5 Senior Geophysical Logging Engineers
- ▶ 8 Geophysical logging Engineers
- ▶ 4 Support staff
- ▶ 8 Vehicle mounted logging units, including:
 - 4 dedicated water well survey units, which are only ever used in potable water.
 - 7 with 4x4 capability
- ▶ 3 Hand portable units for remote or difficult access locations (1 dedicated to potable water surveys)
- ▶ 2 ROV Units for surveying water filled adits and tunnels
- ▶ 1 Container based logging unit
- ▶ 4 Support vehicles



EUROPEAN GEOPHYSICAL SERVICES

We are able to survey boreholes up to 2000m and from 50mm to 10m in diameter. Our ROV units can survey up to 400m from the point of entry into adits and tunnels.

EXPERIENCE

European Geophysical Services has provided extensive borehole geophysical and imaging services to major engineering and infrastructure projects, including inshore and on difficult remote sites. Major projects have included:

Devonport Docks 2023 - Present: Major ground investigation.

Various geophysical suites have been used, including P&S Suspension Logging, Optical and Acoustic Imaging and Borehole Magnetic Resonance and Gyroscopic Verticality. Logging. Other down-hole logs have included density, resistivity, natural gamma, and caliper.

Various Scottish Hydroelectric projects 2022 - Present: 3 major hydroelectric projects in central and highland Scotland.

Various geophysical suites including Optical and Acoustic Imagers formation and fluid logging.

M.O.D projects 2023 - Present: 3 Major projects for the M.O.D. including logging horizontal and upward inclined boreholes.

Various suites including Optical and Acoustic Imagers, Gyroscopic Verticality, formation and Fluid logging

Euston Station 2023: 6 months' work monitoring the verticality of boreholes drilled around the tube lines. Gyroscopic Verticality

HS2 Rail link 2015 - Present: We have been involved on all phases of the project, with all major contractors. To date we have successfully logged over 490 boreholes, on 55 packages, with 7 different GI contractors.

Various geophysical suites have been used, including P&S Suspension Logging, Optical and Acoustic Imaging and Borehole Magnetic Resonance Logging. Other down-hole logs have included density, resistivity, natural gamma, and caliper.

Haweswater Aqueduct 2019 - 2023: Full suite of borehole geophysics, including Borehole Magnetic Resonance carried out in over 120 boreholes to date, working on each of the project packages with 3 GI contractors.

Lower Thames Crossing 2019 - 2022: Full suite of borehole geophysics, including Optical and Acoustic imaging and Borehole Magnetic Resonance. Working with 3 GI contractors to complete 75 boreholes to date.

West Cumbria Mining Overwater 2017 - 2018: Overwater project off the coast of Cumbria for coal exploration in 500m+ deep boreholes. Imaging, seismic, density logging.

Thames Tideway 2012 - Present: Land and over water boreholes logged with full geophysical suite including P&S Suspension logging and fluid logging of pump test boreholes.

A96 Inverness to Aberdeen 2015 - 2022: Optical and Acoustic logging of multiple packages, often in difficult access environments.

A9 Dualling Perth to Inverness 2014 - 2022: Optical and Acoustic logging of over 300 boreholes to date, often in difficult access environments.

A82 Loch Lomond road improvement: Optical and Acoustic imaging in 75+ boreholes both overwater and on land.

A417 Balloon Round About improvement 2017 - 2023: Full suite of geophysics in 40 boreholes to date.

A465 Heads of the Valley Road Improvement 2015 - 2023: Acoustic and Optical Logging.

Severn Trent - Bewdley to Frankly Pipeline 2014-2015: Optical and Acoustic logging.

Glan Rhonwy Hydro Scheme 2015: Acoustic and Optical Logging

Wylfa B 2009 - 2011: Full suite geophysical logging for site investigation and groundwater monitoring boreholes.

Hinkley Point Power Station 2009 - 2011: Full suite geophysical logging of site investigation and groundwater monitoring boreholes

London Cross Rail: Full suite geophysical logging including fluid logging and CCTV camera inspections of dewatering boreholes.

Work with our Team

For further information on our services or to discuss your project requirements, please get in touch via the contact details below:

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