People & Culture

# Job Profile

## Geo-Surveyor

Location
The Greenhouse – Castle Douglas

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| **Department** | Construction |
| **Job title of Line Manager** | Principal Geotechnical Engineer |
| **Direct Reports** | N/A |
| **Hours of Work** | 37.5 hours per week |
| **Key Contacts** | Head of Design & Geotechnical, Construction Director, Geotechnical Team Members |
| **Grade** | 3 |
| **Post Number** | Various |

## Our Team

The Natural Power Construction Team help clients to administer contracts and act as their project interface, supervising construction and managing specifications. We provide specific grid and electrical services as well as offering support in the form of civil and structural services, monitoring, witness testing and snagging inspections.

Safety is always our first priority, and we are proud to include specialist safety consultants in our team. By providing a range of CDM and project safety services we are able to instil best practice to all our construction sites. Our engineering team comprises experts in civil, mechanical, electrical, environmental and geotechnical engineering, they are able to make a project run more effectively and act as on-site representatives if required.

Natural Power's Geotechnical Services team comprises a range geotechnical engineer, geophysicists, surveyors, and technicians. Offering the complete range of site investigation & design services focussed on renewable energy and supporting infrastructure.

## Purpose of Role

To join an established team of geotechnical engineers and geoscientists as Geo-Surveyor. Technical and practical delivery across a range of site investigation, geophysical survey, geomatics and related services. This role requires a confident geo-scientist possessing the highest standards. They will be technically trained (degree / post-graduate) in a related subject and be able to deploy a range of digital tools and technical skill to assist in all aspects of geotechnical project delivery.

This appointment will require a robust level of previous experience working across the geotechnical industry in the UK and/or Europe. This may include academic research posts. Natural Power requires an individual able to quickly get up to speed with a variety of geotechnical and project management systems. The individual will be driven by safety and a desire to improve proficiency across all areas. There will be opportunity to work within a dynamic team and offer support to both junior and senior members of the team.

The role will be based partly on site and therefore requires an individual comfortable with working in remote and extreme environments. The team is active across the UK and Europe hence travel will be a fundamental requirement.

## Main Tasks and Responsibilities

- Project management & delivery of Geotechnical & Geophysical Investigation Projects.
- Scoping, planning, resource management, quality and standards control, client facing and budgetary responsibility within each project.
- Site-based working including geotechnical supervision, core logging, trial pitting and in-situ testing, geophysical survey, land surveying and geological survey.
- Geotechnical reporting including: Geoenvironmental and Geotechnical Desk Study, Factual & Interpretive Ground Investigation Reports, Stability Reports and Geotechnical Risk Assessment. Geophysical survey reports and interpretation.
- Geotechnical data management including laboratory testing work.
- Knowledge of UK Construction Design Management regulations including ability to plan, manage and supervise safe systems of work.
- Working closely with the Principal Geotechnical Engineer on development of new service offerings, and technical training programmes.
- Weekly progress reporting to wider team, time tracking and independent self-discipline to deliver all work on time and to budget.
- Commercially focussed and cost conscious able to identify process optimisations and eliminate inefficiency.
- Keep track financial performance of projects and team activities.
- Has existing knowledge of project delivery and equipment costs across the wider geotechnical industry.
- Can track budgets, produce monthly financial project reporting and work with support team to issue invoicing.

## General Responsibilities

Adhere to all company policies and procedures

## Person Profile

| Area | Essential Criteria | Desirable Criteria |
|---|---|---|
| Education & Qualifications | • MSc Engineering Geology Or MSc Geotechnical<br>• or MSc Geology / Geophysics | • Chartered Engineer / Geologist e.g., I.C.E or Geological Society of London PhD in related field |
| Specialist Knowledge & Skills | • Geotechnical Engineering<br>• Soil & Rock Mechanics<br>• Geotechnical Design<br>• Remote site operations<br>• Geospatial Analysis / 'GIS'<br>• AGS and digital geotechnical data<br>• Geotechnical drilling and testing<br>• Essentials of Geophysical Survey | • Advanced geophysical survey and interpretation<br>• Land surveying including GNSS and 3D scanning<br>• Geotechnical design tools including foundation and slope stability analysis<br>• Proficient in HoleBase or Open Ground<br>• Cone Penetration Testing |

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| | • CDM 2015 and Geotechnical Safety Management | |
| Relevant Experience | • A minimum of 5 years Geotechnical Industry Experience | • 8 years' Geotechnical Industry Experience |
| Any Additional Requirements | • Full UK Driver's License<br>• CSCS Safety Card<br>• Passport / Right to Work in UK<br>• Registered with a Professional Body (e.g., ICE, GeolSoc, IMMM) | • SMSTS / NEBOSH safety certification |