



Environmental  
Geotechnical  
Specialists



COMPREHENSIVE GEOTECHNICAL & ENVIRONMENTAL ENGINEERING SERVICES  
DELIVERED USING OUR OWN DRILLING RIGS / CREWS / SOILS LAB / ENGINEERS

OUR PEOPLE YOUR SITE INVESTIGATION: HOW IT WORKS

# The Fieldworks Team



Andrew (Wal) Butcher  
Driller

Adam Barwick  
Driller

Alan Gilleard  
Operations Manager

Brad Miller  
Driller

The work done so far by the Project and Engineering Teams prepares the way for the Fieldworks Team, who get down to work on your land.

This is the **all-action part of the process** and sees our people onsite in full PPE with **trucks, diggers** and **drilling rigs, uncovering the secrets hidden below ground!**

The process is **highly interactive** from start to finish. Our engineers are involved from **Phase 1 right through to the final report** and all teams communicate with each other - and with you, our client - during the whole project to ensure that everyone is **fully informed** and making the **best decisions at every step**. The work of the Fieldworks Team begins in the RGS offices...

## A. PREPARATION

### 1 Briefing

Working with the information supplied by the Project Team and the assigned engineer(s), the Fieldworks Team assesses the precise demands of your site investigation.

Operations Manager, **Alan Gilleard** and Operations Director, **Chay Rogers**, play a central role in coordinating this process. Our earlier research and the desk study provide valuable information. Site photos and plans may also reveal **particular issues** to be considered or explored in more detail. Outline plans for the investigation begin to take shape.

### 2 Site visit

Where a desk study indicates that a site may need further pre-investigation checks, **Alan or Chay** and the assigned engineer(s) will visit to establish exactly who and what the Fieldworks Team will need for the job and how long it will take.

STAGE 2 SITE VISIT > CONTINUES OVERLEAF

## A. PREPARATION CONTINUED

### 2 The site visit might involve

- > **WALKING THE ENTIRE SITE**, taking photos and making notes
- > **TALKING TO LOCALS**, where appropriate, to gather information on any factors which may affect the investigation
- > **IDENTIFYING ADDITIONAL EQUIPMENT REQUIRED**, such as brush cutters, concrete breakers etc as well as any extra PPE needed
- > **ASSESSING ACCESS FOR THE TEAM, VEHICLES, PLANT AND EQUIPMENT** (occasionally, access routes need to be adapted to accommodate for the vehicles and equipment needed: some sites may involve drilling in small spaces or

where height is restricted, and it's important to plan for any special requirements)

- > **SELECTING THE RIGHT DRILLING RIG(S)**. Because rigs vary in purpose, size and flexibility, the visit clarifies the ideal plant for the job: the RGS fleet is well equipped to deal with almost any site, including those with restricted access, and this evaluation allows us to schedule the right vehicles and drills.

### 3 Housekeeping

All equipment, machines and personnel (fieldworks and engineers) are booked, along with hotel accommodation as required.

The team is then ready for action!

## B. PHASE 2 INTRUSIVE WORKS

Perhaps more than ever, effective communication during the site investigation between the Project Team, Fieldworks Team, engineers and you, the client, is a priority. Great communication helps everything to proceed smoothly and efficiently and keeps you in the loop as often as you wish.

### 1 Prepare

Walk the job in detail, checking ground conditions and re-checking risk assessments.

We routinely **CAT-scan** every borehole location to identify any buried services and **avoid disrupting** them during drilling.

While an engineer is not always needed onsite at this point, the Fieldworks Team keeps in close communication: it's essential that the **assigned RGS engineer** is satisfied with all **documentation** and the **activity** onsite.

### 2 Drill

Drilling takes place as planned.

Should the underground conditions demand any change of equipment or plan, the Fieldworks Team or engineer **liaises** with the Operations Manager and/or Operations Director to make any **necessary checks** and arrangements quickly and **efficiently**.

### 3 Check gas and water monitoring standpipes

It is a requirement that these monitoring standpipes are installed within 250m of landfill or wherever there is made ground.

An RGS Fieldworks and Laboratory Technician then takes **weekly readings**, usually four times and wherever possible, in different weather conditions.



### 4 Tidy the site

RGS aims to leave every site at least as tidy as we found it.

As well as general housekeeping, this often involves backfilling boreholes, even capping them with a grass lid, where appropriate!

STAGE B COMPLETE > GO TO STAGE C

## C. CONCLUDING THE INVESTIGATION

### > Final checks

Following the site investigation, the Operations Manager and Director check that the engineers now have all the information they need and that all paperwork is in order and scanned into our system.

Most importantly, we check once again that **you are happy** with the work on your site.

STAGE C COMPLETE

THE WORK OF THE FIELDWORKS TEAM IS NOW **COMPLETE.**

This thorough site investigation provides the evidence that will help you ensure a **SAFE BUILD** and **MAXIMUM ROI**.

The samples extracted now move to our laboratory team for analysis. Their vital data will form a key part of the **COMPREHENSIVE REPORT** which will be prepared by your RGS engineer.

TELEPHONE:

01484 **604354**

EMAIL:

**enquiries@rogersgeotech.co.uk**

FAX:

0843 51 599 30

