Environmental
Geotechnical
Specialists

insite

ISSUE 70

January 2022

#RGSSolidGround
18 YEARS DRILLING & ADVICE

REGULAR NEWS AND VIEWS FROM **ROGERS GEOTECHNICAL SERVICES**

> TRAINING. DELIVERING.

BREAK TIME IS OVER!

CORING **INSITE MEETS EMMA LEWIS MD**

ASK GRANNY! **IN THEIR OWN WORDS**

Welcome to RGS insite issue 70

Our regular newsletter celebrates 18 years of drilling and keeps you up to date with RGS and industry news.

Rogers Geotechnical Services Ltd are **site investigation specialists** offering ground investigation and geotechnical services to developers, builders, structural and consulting engineers, architects, insurance companies, local authorities, piling and foundation engineers, private

individuals and other geotechnical consultants.

BREAK TIME IS OVER...

It's fair to say since returning in January, we've not stopped! An often quiet time for some has been anything but for team RGS, although that's partly down to us filling our diaries with tasks tricky to get through during peak periods.

And what better a return to work than with training! As our clients know, **investing in our people** will always be a key focus for us, ensuring everyone across the company stays equipped and ready to perform at their best. **Our entire team underwent training** this January, completing at least one or multiple sessions and most from our headquarters in Shelley, seeing them well placed on the starting blocks ahead of another busy year to come.

TRAINING SESSIONS COMPLETED BY OUR TEAM IN JANUARY INCLUDED:

↗ Health & Safety

A refresher for all team members to continue meeting our ISO requirements

↗ Management

Internal training for leaders and also a session with an external provider, both supporting managers with enhanced leadership skills

↗ Technical

Delivered company-wide and in line with roles and departmental needs

↗ Development

Covering the New Engineering Contract

(NEC) with the development team and project managers

↗ Toolbox

Refreshing fieldworkers and engineers with knowledge of our primary tools and equipment

Talking about training…

RGS has a range of CPD and training courses to **enhance your ground investigation knowledge** and understanding, delivered by our highly experienced in-house engineering team.

Held at your premises, our regional offices or online, we have **short courses** and **lunchtime CPD** to match your needs – to find out more, contact our team today!

TO FIND OUT MORE, CALL OUR HELPFUL TEAM ON 01484 604354

CLIENT SERVICES

RGS **Coring**

If there is one thing team RGS loves, it's a drill! With an enviable fleet to manage all manner of depths and diameters, you're guaranteed a top-quality job whatever your Coring project – but which drill is best for the task? Let's kick off the new year by digging deep into Coring!

It isn't our first feature about Coring, and not surprising when it's a flagship service at RGS. This, too, won't come as a shock to those of you working in construction, where safety is critical to any land or building development - indeed, the industry would be stopped dead in its tracks without the process of Coring.

IN CASE YOU DON'T KNOW…

A geotechnical staple, Coring allows us to take **a detailed look inside rock or concrete** to assess its makeup for **density**, **stability** and **deterioration**. By drilling into a material and retrieving a sample from the 'core', then performing a detailed analysis of that sample, engineering teams can use their findings to make **crucial decisions** about its suitability as a foundation for development or its ongoing use in construction.

As anyone working in our sector knows, the process is critical to civil engineering in supporting the longevity of thousands of structures we use every day – roads and motorways, bridges and buildings. By testing in situ, Coring tells engineers where a construction remains safe or has deteriorated – due to **fatigue**, **weathering**, **fire**, **explosion**, or **overloading** – and, if the latter, determining whether they can repurpose the material on another project to save time and cost, rather than demolish it.

NO JOB TOO BIG…OR TOO DEEP!

If it sounds tricky, then it should. **Not to a specialist team** with the know-how, experience and equipment to complete the drilling, take the core samples,

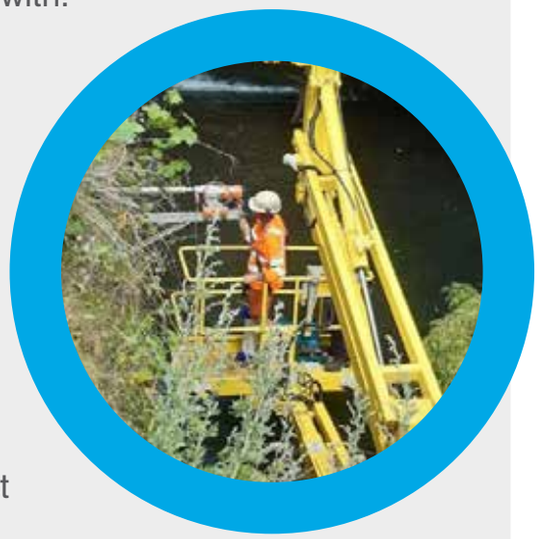
ENVIRONMENT

photograph and log the results, making your coring project a success, of course. **A team like RGS!**

Our engineers use different types of coring drills for various purposes. When drilling into the ground, for example, a vertical drill makes the most sense. However, when it's a building façade or even a wall submerged in water, a horizontal drill is necessary to bore the surface from the correct angle with minimal disruption.

From the beginning of a project, our team works with yours to understand the objectives for Coring before determining drill model and barrels most suited for the job. Thankfully, with an extensive fleet there is a drill on hand (or a frame!) for all use cases, ready to get to the heart of the matter and uncover critical information about the materials you are working with.

OUR DRILLS IN ACTION



We've mentioned this one in previous features and for good reason. The **Hand Held Hydraulic Core Gun (or Diamond Core Rig)** continues to be one of our clients most utilized units, not only because it is faster, quieter and more efficient than many drills but because of its versatility. The drill operates horizontally and vertically, and in wet or dry conditions, meaning we rarely find a project that it doesn't suit!

For example, one client was constructing a new footbridge over a river and needed to determine the stability of a concrete floodwall close by. For this, our team applied the drill horizontally, anchored and framed just above the water line to retrieve the core sample efficiently, before lab testing provided the vital information our client needed about its state before beginning their construction.

And that's not all. Our Hand Held Hydraulic Core Gun has been anchored and framed on a retaining wall 5m high using a MEWP in Bradford, **on a river wall 3m down using a MEWP (above)** and handheld on a Man Hole Chamber in Todmorden for a new foul pipe installation. Did we mention it's a popular unit...?!

How about for easy access building floors and walls? The **framed 110v Core Unit** works great using both the anchor and suction systems, with 110v being the preferred power source on most sites and using a hydraulic power pack isn't always possible.

The team uses a framed Hydraulic Core Unit for work on **highways** because of its large diameter options and hydraulic power pack (or it can be run from our rig). We also have the option of putting a tracked rig onsite with up to **152mm** diameter in **450mm**, **600mm** and **1m** lengths. This can allow depths to **1350mm** including the barrel with our TRACKER 110 AND DANDO TERRIER WS or depths to **2000mm+** with the DANDO TERRIER RT GEO105 AND GEO205.

Our GEO205 in action in Cumbria

Meet our fleet, each one ready for coring action!

RGS has a huge range of drill options to suit **any material**, **diameter** or **depth target** – even when access or power restrictions apply.

a **Hand Held Hydraulic Core Gun** – wet core up to 100mm diameter by hand or 200mm diameter in softer material and up to 200mm diameter in all materials **when frame mounted** [MINI FRAME] horizontal or vertical.

b **Hydraulic Core Unit** – wet core up to 450mm **when frame mounted** [STANDARD FRAME] horizontal or vertical.

c **110v Core Unit** – wet core up to 250mm **frame mounted only** [STANDARD FRAME] horizontal or vertical.

d **110v SDS Drill** – dry core up to 100mm in softer materials [HAND HELD ONLY].

e **Battery SDS Drill** – dry core up to 50mm in softer materials [HAND HELD ONLY].

f Stocked **dry core barrels** include 35mm and 40mm diameter dry core barrels for coring up to 500mm depth when extended.

g Stocked **wet core barrels** include 75mm, 85mm, 100mm, 152mm, 180mm, 200mm and 300mm diameter for coring up to 1050mm depth when extended!

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LOOKING FOR MORE INFORMATION ON OUR CORING SERVICES?
CLICK HERE OR CALL OUR HELPFUL TEAM ON 01484 604354

INSITE MEETS

Emma Lewis, Managing Director

What does your role involve? Describe a **typical day**.

I consider myself a jack of all trades, with around 12 or so different hats to wear – and that's before lunch! Jokes aside, I do have lots of responsibilities across the entire business, which means no two days are the same and nothing about my work is typical.

Over the week, I'll cover all kinds of tasks across many departments:

advising clients and team members on live projects; **writing** environmental reports; **project managing**; data **analysis**; finance and accounting (reconciliation is my 'go to' for peace and quiet!); **responding** to tenders; ISO; contracts management and HR.

Then there's all the team stuff – departmental catch ups with the lab, engineering, operations and marketing, plus our daily company-wide pulse meetings to make sure we're all up to speed. I also have board meetings to prep for and attend so the top level can see we're ship-shape.

It's busy, at times challenging, but most of all, **rewarding**.

How does **your role** help our RGS clients?

At RGS, we always work on strategy – even when it doesn't feel like it.

Part of my responsibility is being that 'all-seeing eye', the person who knows **everything happening** in the business today and keeps a constant look at what's to come.

It drives us forwards and helps deliver the best and most efficient service to our clients. I also believe it's up to me to keep the team glued together, aware of their collective goals and working to achieve these in unison, which creates greater outcomes for the client.

What do you **enjoy most** about what you do?

It has to be **the variety!** I much prefer having lots of different things to do than focusing on one thing, and every day at RGS, I learn something new. I also enjoy helping the team progress; watching them grow is so satisfying.

I always thought if I can see one person thrive at work, I'll be happy, so seeing **an entire team content** and **giving their best** is fantastic, and it feels great to be a part of their journey.

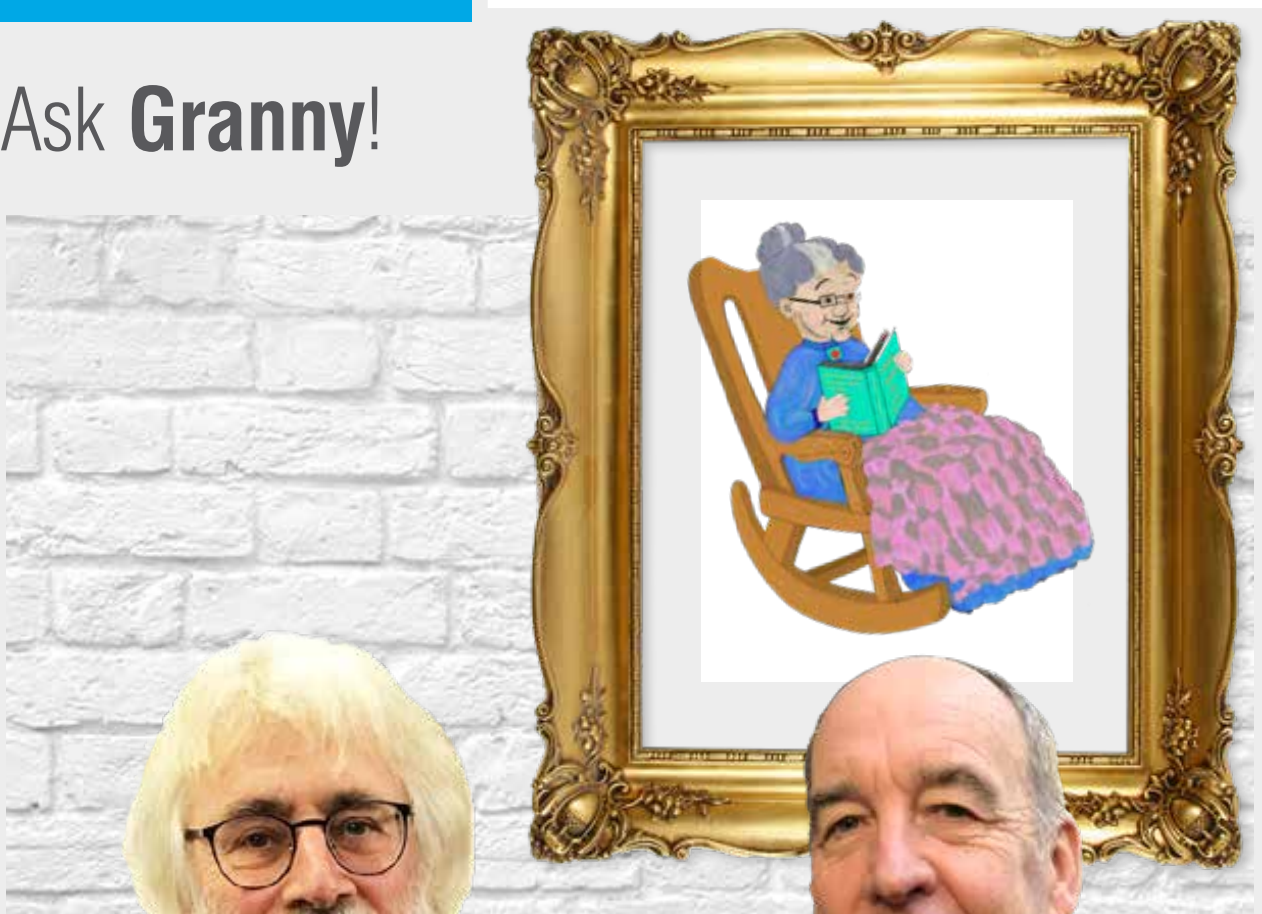
If money was **no object**...

This is a tough one! Mainly because I don't have a bucket list of things I want. If I had an endless supply of money, I would put it back **into the business** and towards **helping the team**. They all receive training to help with their role, although some have aspirations for advanced training outside of their role, like a degree in an entirely different field.

If I could help fund things like this with my pot of cash, I would. **I'd probably return to studying myself** – I often think if I could re-study Law but with my current adult head on, I'd get so much more out of it than I did when I was 19!

WHAT DO YOU WANT TO KNOW?

Ask **Granny**!



We have loved hearing the many musings of dear Granny Rogers over the years, her encouraging words of wisdom and life tales something we could all aspire to.

Of course, with son **Steve** enjoying retirement – albeit with the odd visit to RGS HQ to check we're all behaving – and Granny Rogers eternally resting, it seems the right time to put her musings as we know them to bed.

Although not entirely...

This year sees the launch of our new feature where we invite you to **ask a question to put to 'Granny'**, so to speak, in her memory. It can be anything you like **to do with our industry**, and our panel of experts at RGS, aka **the senior leaders**, will dig deep and overturn stones to find an answer.

We can't wait to hear from you!

CLICK HERE TO SEND US YOUR BURNING GEOTECHNICAL QUESTIONS

NEWSLETTER@ROGERSGEOTECH.CO.UK

CLIENT FEEDBACK

In **their** own words

At RGS, we like nothing more than hearing praise from our clients for a job well done.

Great, then, to receive just that from a site the team visited in mid-January, the contact telling us we were selected for the job based on our "**prompt responses and communication**". In addition, they were "amazed at how precise and quick the drilling teams were".

As always, a huge pat on the back goes to our team.

Well done for working to our strengths and creating a lasting impression with a new client. Kudos, RGS!

GEOTECHNICA

For more information about your investigation requirements please don't hesitate to contact us.

Telephone on 01484 604 354

Click here to email us

CLIENT FEEDBACK

Talk to us

> The RGS team has been brilliant: their service is seamless and efficient. We'll definitely use them again!

We're always keen to hear what clients think of our service and welcome feedback from our clients, colleagues and associates.

We're looking forward to hearing from YOU!

Click here to email us your comments.

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