



Environmental
Geotechnical
Specialists



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

CASE STUDY 07

Bradford Beck

// BACKGROUND

This project was completed under a specification provided by our client, Bradford Council in a formal tender process.



// SCOPE OF WORKS

The technical requirements included provision of:

- 4 cable percussive boreholes with rotary coring follow-on
- 2 cable percussive boreholes
- 13 machine excavated trial pits
- 16 window samples boreholes
- 3 hand excavated pits
- 10 Structural cores in the river wall and bridge.
- Installation and readings of gas/water monitoring standpipes
- PID Monitoring
- Low flow water sampling
- Borehole logging to BS5930
- Laboratory testing
- Post fieldworks monitoring – 2 months.
- Completion of factual report
- Works were with publicly accessible areas and parkland and therefore careful management, reinstatement and plant movement was required
- RGS acted as the Principal Contractor and installed a compound for the duration of the works



// DELIVERY TIMELINE

Date	Period	Action
12 Jul 2021	15 days	Site works/trialpits with daily logs
2 Aug 2021	2 days	WSP to schedule lab testing and issue instructions to RGS.
4 Aug 2021	10 days	Lab Testing, 10 days for standard classification testing. May be longer if other testing specified.
18 Aug 2021	2 days	Compile draft factual report.
20 Aug 2021	10 days	CBMDC to review draft report
31 Aug 2021	5 days	Site works/trialpits Issue Final Report



// PROJECT PERSONNEL

Role	Plant Type / Job Title	Training Qualifications
DRILLING Crew of 2 (x4)	PREMIER TRACKER 110 Drilling Rig DANDO TERRIER Drilling Rig LIGHT CABLE PERCUSSIVE Drilling Rig GEO205 Drilling Rig	All operatives have been trained in the use of the equipment. CSCS, First Aider. NVQ Land drilling (where applicable).
EXCAVATION Crew of 1	JCB 3CX	CPCS
ON SITE SUPERVISOR	Scott Alexander (engineer / manager)	BSc, CSCS, First Aider, SSSTS.
ON SITE TECHNICIAN	Hattie Henshall	BSc, First Aider
PRINCIPAL RGS ENGINEER	Steve Rogers, Technical Consultant	CEng, CGeol, MICE, MCIHT, FGS.
CONTRACTS MANAGER	Emma Lewis, Managing Director	LLB, ACIEH

TELEPHONE:

01484 **604354**

FAX:

0843 51 599 30

EMAIL:

enquiries@rogersgeotech.co.uk

