



SERVICE DATA SHEET

Overwater Drilling & Boring

Allied Exploration and Geotechnics Limited (AEG) have been contracted to carry out many varied and intricate marine site investigations across the UK. Our experience and practical knowledge allows us to perform floating investigations where jack-up type platforms are impractical and accordingly meet all of our Clients needs for specialist marine investigations. From coring basaltic dykes to drilling on 45 degree armour wall revetments; our special techniques are strengthened by experienced personnel, safe working practices, accurate geotechnical information and Client satisfaction.

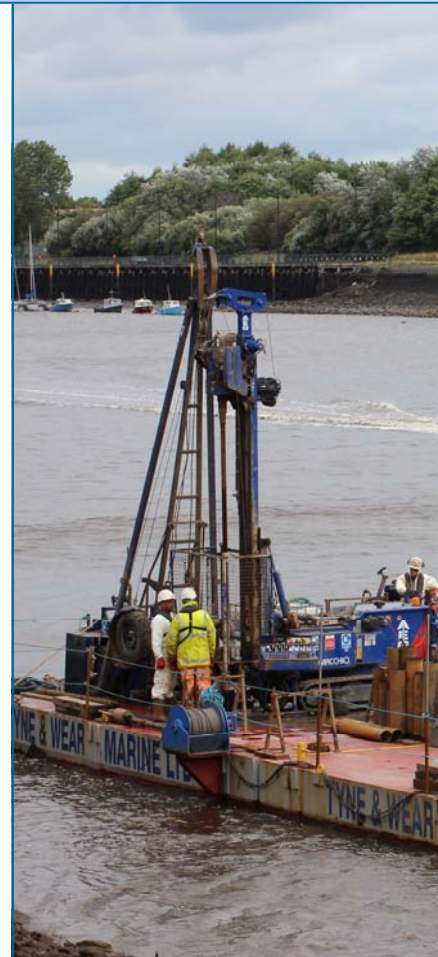
Frequently we have been recommended to other Clients and asked to return on consecutive phases of marine investigations due to our commitment, marine expertise, Health and Safety protocols and our extensive geotechnical knowledge in these environments. AEG are specialist with floating plant which can be configured and modified to meet the most demanding near-shore estuarine and river conditions; including confined bodies of water such as docks and canals. We operate flexible shift patterns in order to be more efficient; effectively maximising the productive time whilst using floating or jack-up units.

We offer a bespoke modular floating system for accessing inter-tidal zones, ponds and mud flats for small bore sampling and probing requirements. These modular units can also be used for near shore walk-way requirements to enable safe unhindered personnel access to floating plant (such as pontoons).

Application

- ◆ Cable percussion and rotary drilling in various diameters, the latter including Geobore 'S' wireline and open-holing requirements using Symmetrix systems.
- ◆ Down-hole shear vane testing (BS 1377: Part 9: 1990)
- ◆ Single or double packer permeability testing (BS 5930: 1999: Clause 25.5)
- ◆ Pressuremeter testing⁽¹⁾
- ◆ Down-hole geophysical logging and CCTV surveys⁽¹⁾
- ◆ Standard penetration testing - split shoe sampler or solid cone method dependent of soil/rock material (BS EN ISO 22476-3: 2005)

(1) Typically using commissioned subcontracting services.



Summary

Extensive expertise in a multitude of over-water environments using a wide range of access options.

The ability to transfer our in-house plant and exploratory hole capabilities on-land to the over-water setting without significant restriction.

Long standing and robust experience in over-water geotechnical investigations using our own bespoke enabling systems. These range from our purpose built dock edge cantilever platform to commissioning jack-up platforms for deeper water scenarios.

Wide variety of in-situ testing companion services that can be deployed to maximise information acquisition concerning the ground conditions encountered.

Benefits

- Reliable and robust systems configured to maximise working patterns and environmental, bed condition and water draft constraints.
- The ability to transfer our on-land plant resources and techniques reliably to an over-water setting.
- Flexible working patterns to shorten contracts and minimise cost.
- An excellent track record in over-water operations.

www.alliedexploration.co.uk

ALLIED EXPLORATION & GEOTECHNICS LIMITED

HEAD OFFICE

Unit 25, Stella Gill Industrial Estate
Pelton Fell, Chester-le-Street
County Durham, DH2 2RG.
Tel: 01913874700
Fax: 01913874710
Email: enquiries@alliedexploration.co.uk

REGIONAL OFFICE

Unit 20, Business Development Centre
Eanam Wharf, Blackburn
BB1 5BL.
Tel: 01772735300
Fax: 01772735999
Email: enquiries@alliedexploration.co.uk



No: OHS 599062



No: EMS 632523



No: FS 590911



No: 610



No: 1367