CAUSEWAY GEOTECH

NEARSHORE GI AT NAVER BRIDGE

CLIENT
Fairhurst

CLIENT REPRESENTITIVE
The Highland Council

SITE OPERATIONS
October 2021 – February 2022

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PROJECT OVERVIEW

Causeway Geotech were appointed by The Highland Council to carry out a nearshore ground investigation for the provision of geotechnical and environmental information to characterise ground conditions at the proposed replacement bridge.

The construction of the replacement bridge required investigation of the superficial soils geology to progress the design and construction of this bridge.

OUR APPROACH

- **4 no. overwater boreholes** by sonic boring and Geobor S wireline coring
- **5 no. boreholes** by rotary drilling sampling methods
- **9 no. boreholes** by sonic drilling sampling methods (land)
- **9 no. machine dug trial pits** with infiltration tests in four pits
- **12** no. road pavement cores
- Indirect CBR tests at **thirty-five locations**
- **Pebble survey** within the River Naver
- Downhole televiewer surveys at **three locations**
- **Marine geophysical surveys** within the River Naver
- Geotechnical and Environmental **sampling**
- Gas and groundwater **monitoring**
- **Overwater works** were completed out off an C5 Combi-float Self Elevating Platform supplied by OCM
- Factual ground investigation **reporting**

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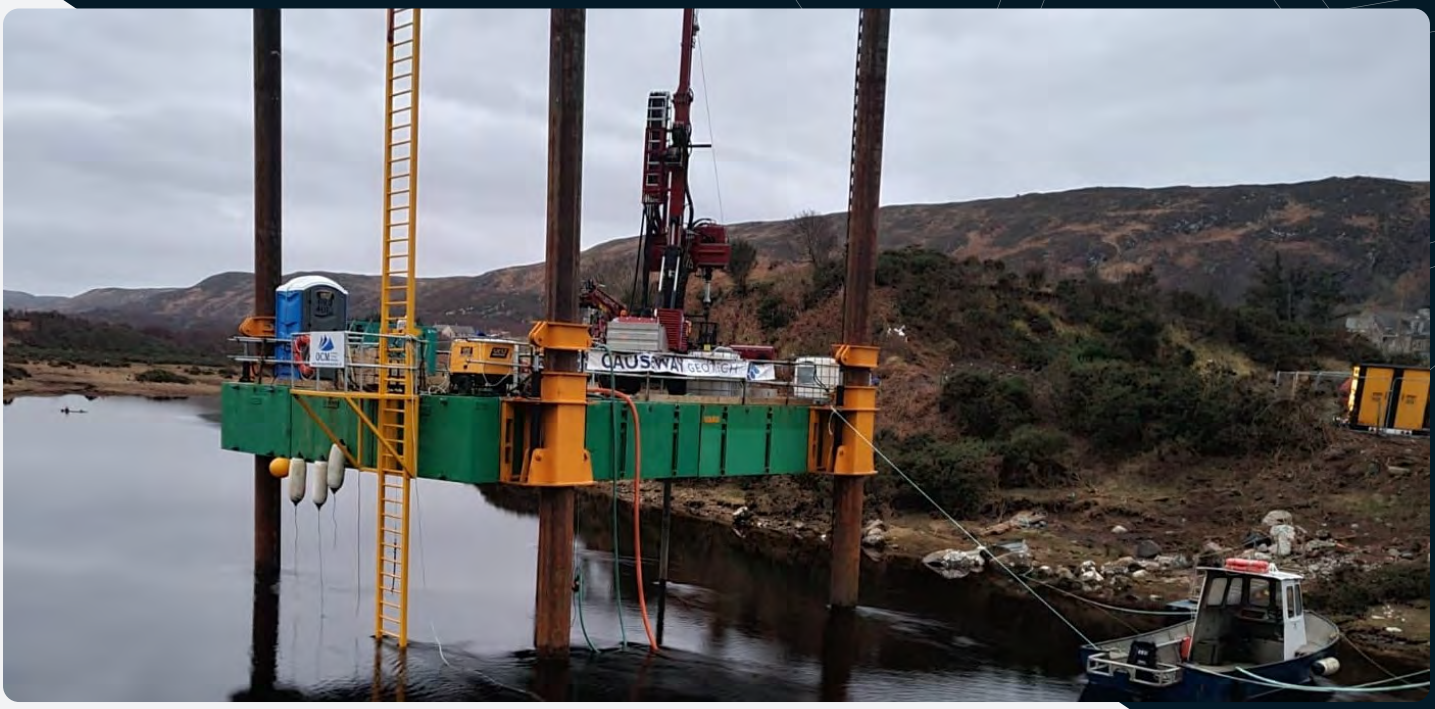

THE PROCESS

Siteworks were carried out under the supervision of Site Engineers from Causeway Geotech who liaised with the Client's Representatives to ensure all aspects of the works were completed safely and as per the project requirements.

We liaised with the local council and harbour office along with the local community proved invaluable to coordinate works and barge moves ensuring a safe working practice were adhered to.

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Company Number: NI610766 -
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