



Client
Congo Terminal



Location
Pointe-Noire, Congo



Period
Dec 2023 – Feb 2024

Congo Terminal, New Onshore - Offshore Geotechnical Testing

PMI is undertaking geotechnical site investigation work at the new terminal both onshore and offshore, in the Port of Pointe Noire, Congo.

Congo Terminal contracted PMI Construction Services SA (PMI) for the execution of the PMT testing (pressure meter testing), CPT testing, borehole sampling, vibrocore testing, grab sampling and factual reporting at the new quay area onshore and offshore, the port basin and the access channel.

The Scope of Work executed included

- 12 No CPT tests onshore
- 14 No Boreholes and sample collection onshore
- 8 No PMT tests onshore
- 11 No Offshore boreholes and sample collection
- 5 No PMT tests offshore
- 16 No CPT tests offshore
- 9 No Vibrocore tests
- 6 No Grab Samples
- Laboratory Testing and Factual Reporting.

PMI Resources on Site

- Hydraulic 200kN CPT Push – 260kN Pull System skid mounted
- Pressure meter
- *PMI Tiger* work boat
- *PMI Dragon* jack up barge (JUB)
- XL140 hydraulic drill rig
- Electronic Piezocone 10cm² and 15cm²
- Vibrocore equipment
- GPS with real time kinetic (RTK) dual frequency receiver and a real time radio data transceiver
- Grab sampler 12L model

Contract Execution

The production achieved on the campaign is as follows:

Onshore Boreholes, CPTs & PMTs

- 111m of drilling was conducted

- 123m of CPT probing was conducted
- 222m of PMT testing was conducted

Offshore Boreholes, CPTs & PMTs

- 348m of drilling was conducted



- 110m of CPT probing was conducted
- 158m of PMT testing was conducted

The contract was executed to the required standards requested by the Client.

