

Project Management International

Lomé Container Terminal Development Geotechnical Site Investigation, Togo

Client: Société Lomé Container Terminal S.A.
Location: Port of Lomé, Togo
Period: December 2010 to May 2011

Lomé Container Terminal Geotechnical Site Investigation

The Mediterranean Shipping Company is developing a new 80Ha deep water container terminal in the Port of Lomé, Togo, West Africa.

Nirás Consulting Engineers designed a Geotechnical Site Investigation campaign to inform the design of the development, the contract for which was executed by PMI in early 2011.

The Scope of Work included:

- 21 No. rotary core boreholes to depths of 50m, inclusive of undisturbed sampling and SPT testing
- 85 No. Cone Penetrometer Tests to depths of 50m
- Site Laboratory Soils Testing and Advanced Laboratory Soils Testing



- Geotechnical borehole logging
- Geotechnical Site and Laboratory reporting

PMI Resources on Site:

- 200kN Geomil skid-mounted CPT rig
- 69kW Seco 10 Diamond Drilling Rig
- Nordmeyer DSB1/3.5 Hydraulic Rotary Rig
- Fully equipped and supervised site laboratory
- Site offices, stores and workshops
- Professional Geotechnical Engineer and support staff
- Geotechnical Contracting Site Agent and support staff

Contract Execution:

The contract was executed to the required standard, on time and within budget, to the satisfaction of the Client.

Challenges overcome included:

- Difficult soil conditions dictated a slow drilling production rate, requiring PMI to institute shift-work
- Client timelines required PMI to successfully produce unscheduled interim reporting

