

# GEOTECHNICAL SERVICES



## Infrastructure

**Project Title:**

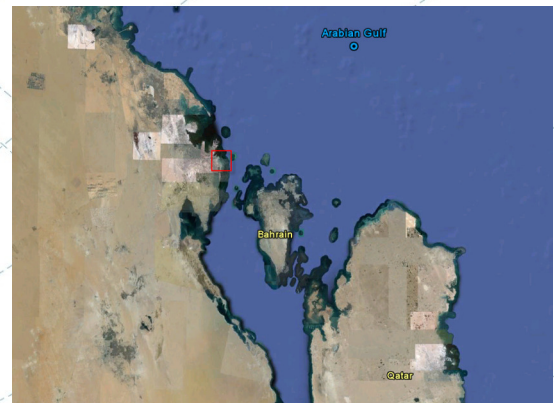
NEARCHORE GEOTECHNICAL  
SITE INVESTIGATION

**Client:**

Saudi Sea Ports Authority (SEAPA)

**Location:**

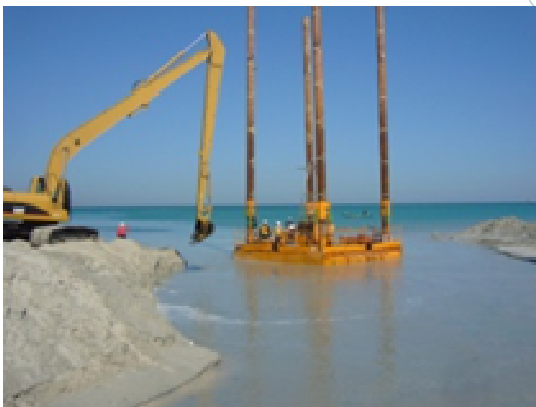
Ras az Zawr  
Saudi Arabia



**Description:** EGS Geotechnical has recently completed a comprehensive geotechnical investigation for the Saudi Sea Ports Authority (SEAPA) located in up to 15m water depth near shore Ras az Zawr in Saudi Arabia. The work was completed in February 2009. The survey work was designed to acquire geological soil and rock conditions below the seabed level from the intertidal zones to up to 15kms into the Arabian Gulf for the detailed design of the port layout and infrastructure.

EGS Geotechnical carried out the detailed site investigation using their in house portable jack up drilling barge, assembled on the adjacent reclaimed land, and towed to each borehole position. Conventional rotary drilling techniques and, thin wall sampling and in-situ testing were carried out, and when appropriate rock coring was used to complete the target penetrations of these investigation holes.

A total of 70 marine boreholes were carried out over a 4 month site period and a comprehensive suite of laboratory tests carried out in our own laboratory before issuing the final report to our Client.



**Further Details:**

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