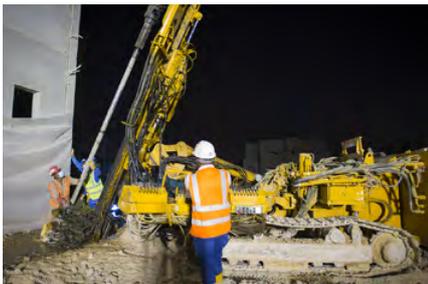


GROUTING

Al Falah Town Center Villas & Mosque

RESIDENTIAL • VOID GROUTING



Client

Abu Dhabi Housing Authority

Consultant

Mott Macdonald

Main Contractor

Trojan General Contracting LLC

Location

Abu Dhabi, UAE

Start Date

December 2020

Completion Date

April 2021

Project Details

Probing and grouting for identified voids under 45 existing villas on raft foundation, drilling at different angle inclinations down to 25 m beneath the villas.

Probing & grouting points : 4,736 nos.

Drilling rod size : 110 mm

Total length drilled : 59,670 m

Total grout used : 2,007 m³

Grout pump pressure : 10 - 15 bars

Boreholes for testing : 36 probes