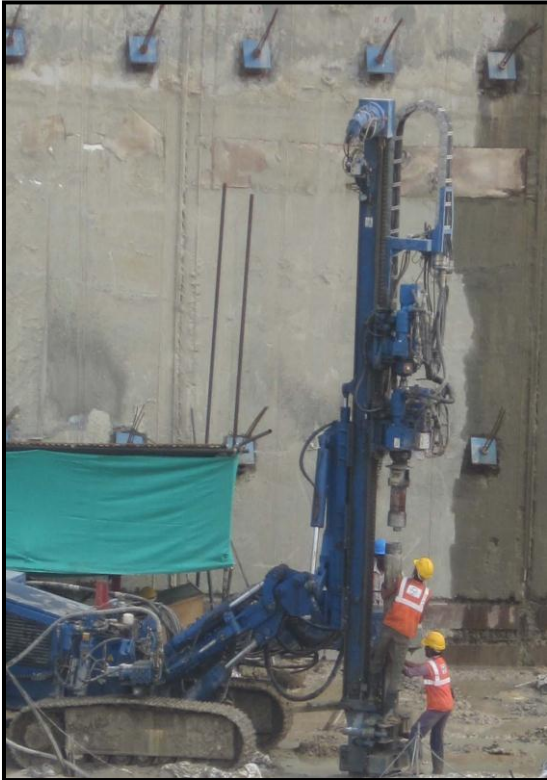


HBR 605



THE PROJECT

Description: Vertical Ground Anchor

Location: Delhi One – New Delhi , India

Project description: “Delhi One” - a Rs.2 billion (Euro 29 million) mixed land use development project promoted by Three C Universal Developers Pvt. Ltd. The project is located in the stretch between Delhi-Noida-Delhi Flyway and Sector 16-B of Noida, Uttar Pradesh, India. This mega project incorporates of High rise - residential, commercial, retail and hospitality zones is spread across 12.5 acres.

Project specification: The work for this project involved the drilling , assembly , installation , grouting and stressing of 1.200 nos of vertical anchors to anchor the raft foundation to the ground.

EQUIPMENT ON SITE

Drilling rigs: Three number of Hütte HBR 605 – Hydraulic Drilling Rigs were used for executing vertical anchor

Arrangement: Max Power of 147 kW and a Hydraulic system with two main pumps Load Sensing; Double-head drill unit; Rotar fitted with clamp M2Z / M2SZ; Diameter ranges from 40mm to 254mm having maximum clamping force of 145kN

Notes: Drill Rod – Auger Drill Rods of length 2m Ø115mm and Ø170mm
Casing of length 2m Ø142mm and Ø 200mm
Diameter of drill bit: 95mm & 175mm
Casing Shoe: Ø 130 mm and Ø 203mm
Grouting: 15-25 bar of pressure

