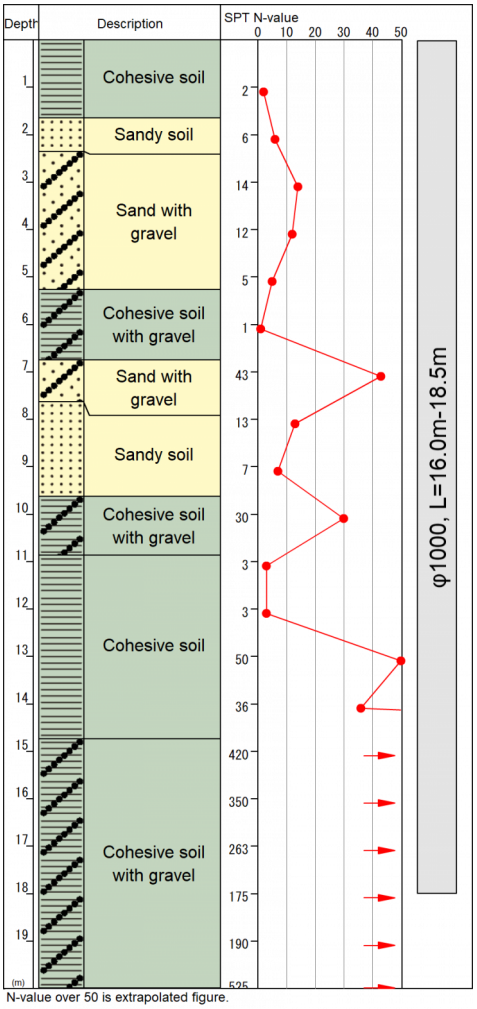
Gyropress Method

J P N

Tubular Pile Press-in Method | Overhead Clearance Method

Welding steel tubular piles under bridge

Using multiple machines at the same time



N-value over 50 is extrapolated figure.

Project Name	Kan-Etsu Expressway, Higashi-matsuyama work
Purpose of Project	Bridge construction work
Location	Sakado-city, Saitama,JAPAN
Project Owner	East Nippon Expressway Co., Ltd.
Main Contractor	TODA CORP.
Piling Contractor	KAKUTO CO., LTD.
Duration	November 2018 to April 2020
Press-in Machinery	Gyro Clear Piler GRAL1015(SP6)
Pile Section & Length	φ1000, L=16.0m-18.5m
Features & Remarks	- Gyropress method was used to construct well foundation as part of road expansion project. This work was executed under the bridge girder of Kan-Etsu expressway which is in service. - Under the tough condition in which overhead clearance was only about 4m, Gyro Piler enabled steel tubular piles to be pitched, jointed by welding, and installed. - By using multiple machines at the same time, 400 piles installation around 12 existing bridge piers was completed in the second dry season.

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