



Gyropress Method



J P N

Tubular Pile Press-in Method

Non-staging Method

Rail Safe Method



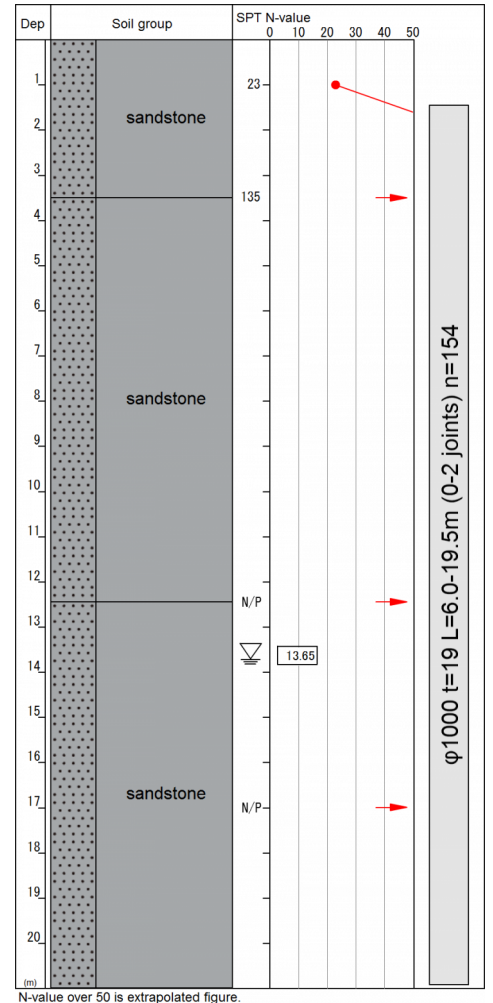
Construction adjacent to train operation



Pile Installation in Progress



Completion



Project Name	Orio elevated railroad Nishiorio land elevation work etc
Purpose of Project	Construction of Cantileverd Retaining Wall
Location	Nishiorio, Yahatanishi-ku, Kitakyushu-shi, Fukuoka, JAPAN
Project Owner	Kyushu Railway Company
Main Contractor	SANKIKENSETSU, INC
Piling Contractor	GIKEN SEKO CO., LTD.
Duration	May 2015 to February 2016
Press-in Machinery	Gyro Piler GRV1026(SP7), Clamp Crane CB4-1
Pile Section & Length	φ1000 t=19 L=6.0-19.5m (0-2 joints) n=154
Features & Remarks	<ul style="list-style-type: none"> -Since there is no risk of machine overturning by the mechanism gripping pre-installed piles, high safety had been ensured even adjacent to train operation. -By utilizing the G.R.B system, the Press-in operation was conducted on the slope where conventional machines were unable to approach. -The steel tubular piles were installed into the sand stone through shotcrete.