



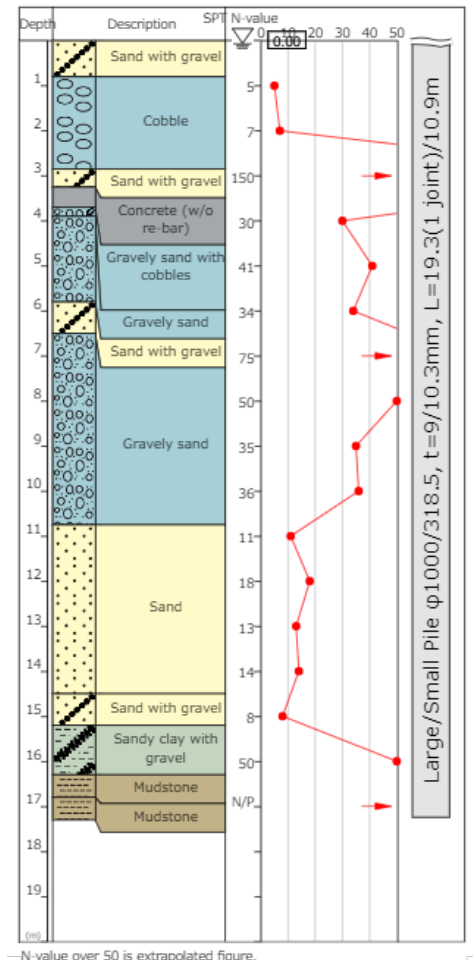
Construction in progress



Full view



After construction



Project Name	National Route 42 restoration work (emergency measurement)
Purpose of Project	Restoration from the road cave-in due to Typhoon No.19
Location	Hime, Kushimoto-cho, Higashi Muro-county, Wakayama, JAPAN
Project Owner	MILT
Main Contractor	SHIMIZU CORP.
Piling Contractor	GIKEN SEKO CO., LTD.
Duration	March 2020 to June 2020
Press-in Machinery	Silent Piler F401-G1200
Pile Section & Length	Large/Small Pile φ1000/318.5, t=9/10.3mm, L=19.3(1 joint)/10.9m
Features & Remarks	<ul style="list-style-type: none"> <li>- Steel tubular piles were used for the retaining wall because the wall can be constructed in a short period of time and also prevent the repeated damage.</li> <li>- Although there were cobbles in the surface and bedrock in a lower layer, the work was able to be carried out by using rotary press-in method which enables tubular piles with cutting bits to be installed.</li> <li>- Small diameter piles were installed between steel tubular piles to prevent washing-out. The small piles were also with cutting bit so that they can be installed even into the hard ground.</li> </ul>