



Hard Ground Press-in Method



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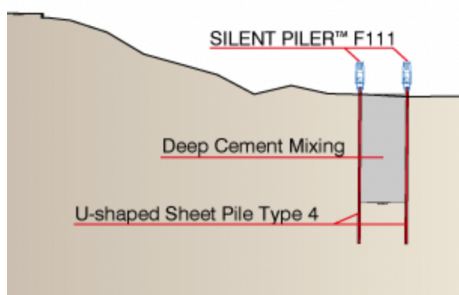
U Sheet Pile Press-in Method



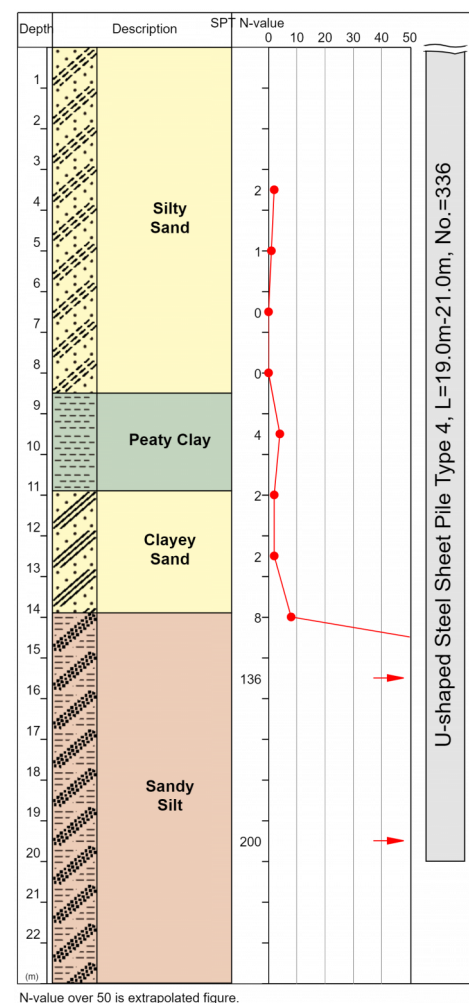
Construction in progress



Construction site view



Cross section



Project Name	Clementi N2C3 (Restoration work from landslide disaster)
Purpose of Project	Permanent Slope Stabilization Work
Location	Clementi, SINGAPORE
Project Owner	Housing & Development Board (HDB)
Main Contractor	CHIU TENG CONSTRUCTION CO. PTE. LTD.
Piling Contractor	JIAN MAN CONSTRUCTION PTE LTD
Duration	September 2022 to November 2022
Press-in Machinery	SILENT PILER™ F111 Super Crush Mode, PPT System™
Pile Section & Length	U-shaped Steel Sheet Pile Type 4, L=19.0m-21.0m, No.=336
Features & Remarks	By utilizing "PPT System(PPTS Ground Information Estimation)" as construction management, actual ground condition can be recognized without additional borehole data. In this project, the sheet piles were required to be installed into the hard ground (Sandy silt layer) to ensure the bearing capacity. Then, PPT System proved it. As a result, extension of the sheet pile length wasn't required. It can contribute to "Cost and Time Saving".