







Hard Ground Press-in Method







Uniaxial Compressive Strength 40N/mm² - 130N/mm²

Borehole Data

	2000	Filling (silty SAND with fine gravel)
-	00	Filling (angular COBBLE of concrete)
-	00	Filling
	0.0	(silty SAND with fine gravel
	00	of granite and some
	00	200 700mm cobble)
5-	0.0	,
-		
	00	
		Filling
		(silty SAND with fine
	000	gravel of granite)
10 -		
		silty SAND with shell fragment
1 1	0000	silty SAND with fine gravel
-		Silly SAND with line graver
15 -	оф	
1	+++0	
-		
-		silty SAND with fine
20-		grained granite
20	++0	
11		
-		
-	1,1,1,1	······································
	100	very strong medium grained GRNITE
	933	silty SAND with medium
25-		rained granite
-	+ +	
-		very strong medium grained
	+ +	GRNITF
		SIGNIE
(m)	+ +	

Type of Project	Construction of East Tsim Sha Tsui Station and pedestrian subway
Purpose of Piling	Temporary Retaining Wall
Site Location	Tsim Sha Tsui, Kowloon, Hong Kong
Duration of Work	June to December, 2001
Client	Kowloon-Canton Railway Corporation
Piling Contractor	Giken Asia Corporation
Press-in System	Press-in Method with Simultaneous Augering
Press-in Material	U Steel Sheet Pile SP-IV L=29.0m
Press-in Machinery	Super Crush U Piler SCU-400M
Method Description	Cobbles (ϕ 200-700mm) contained. Minimum working space. Vibration free safety operation adjacent to existing structure. No temporary working platform