

shooti

< 1 >

가

가 가

3.

가

1)

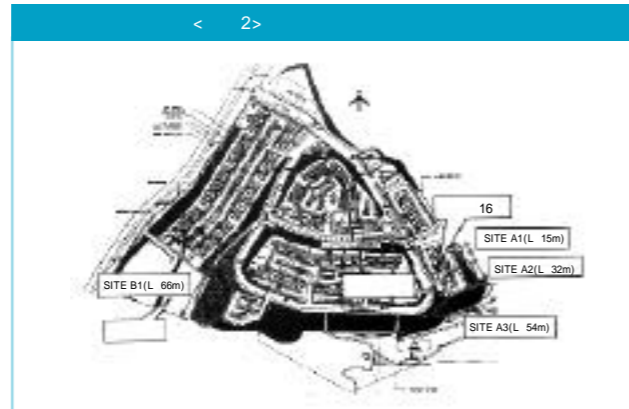
(a.

가

가 50m

가 ,

< 2 >



< 3 > SITE A2



< 4 > SITE A3



가

(b)

			(kg/cm²)	Basic RMR
A1			5Sets H.W ~ M.W 50 ~ 350	
A2	A2-1	-	Shattered Zone 4Sets M.W 150 ~ 400	-
	A2-2		Blocky Zone 4Sets S.W 960 ~ 1200	
A3	A3-1		Sheared Zone 4Sets M.W 100 ~ 350	
	A3-2		Blocky Zone 4Sets S.W 820 ~ 1000	-
B1	B1-1		Blocky Zone 4Sets M.W 300 ~ 600	
	B1-2		Massive 4Sets S.W ~ Fresh 1230 ~ 1750	-

*SITE A1 : 16 0 ~ 15m
 SITE A2 : 16 15 ~ 47m , A2-1 1 , A2-2 1
 SITE A3 : 16 0 ~ 54m , A3-1 3 , A3-2 3
 SITE B1 : 16 0 ~ 66m , B1-1 , B1-2

(c)

SITE A1,
SITE A2-1, SITE A3-1,
SITE A3-2

			PCSTABL5M	
A1			0.818	O
			0.477	
A2	A2-1	-	1.240	O
	A2-2		0.851	x
			-	
A3	A3-1		0.963	O
	A3-2		0.592	
			-	
B1	B1-1		1.366	x
			0.925	
B1-2			-	

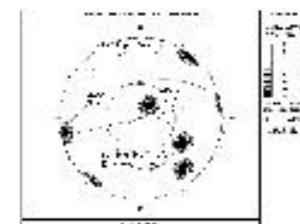
(d)

1:0.8 ~ 1:1,
1:0.5 ~ 0.8

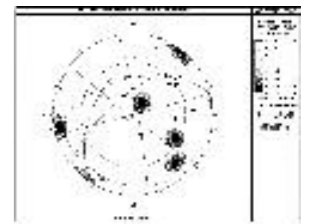
가

가

< 5 > SITE A3-2



(a)



(b)

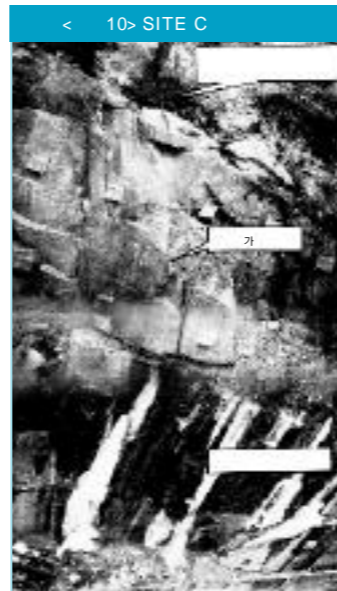
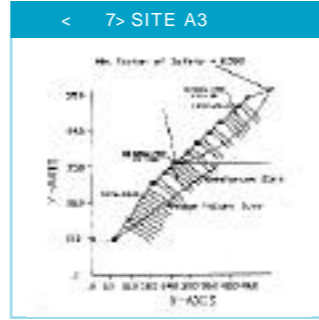
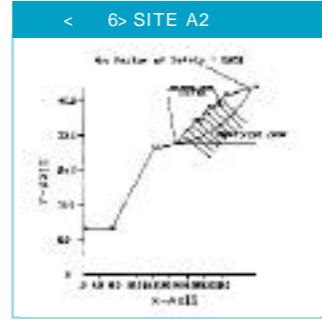
shooti

1) 5,
2) 1:1.3

(SITE A3-

Soil Nailing

(SD35, D25 , L=8~10m, 1.5m x 1.5m ,)
가



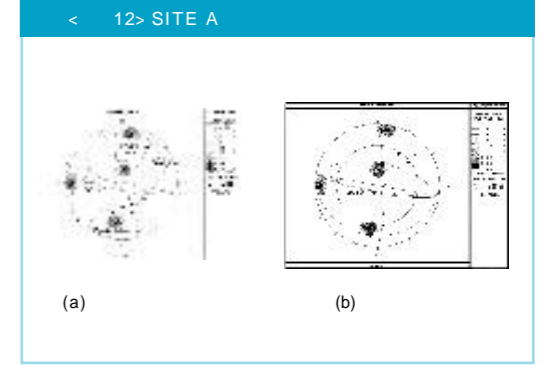
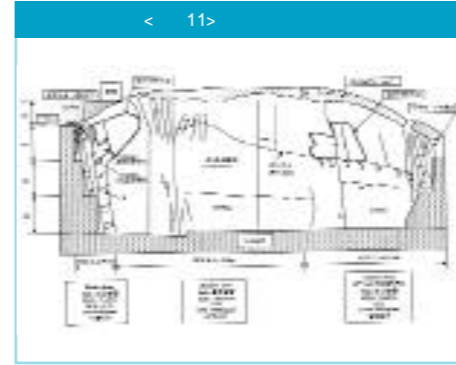
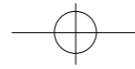
2)
(a.

1 101

가 가

(b)

				(kg/cm²)	Basic RMR	
SITE A	~	Blocky Zone	M.W.-S.W	300~500		
		4 Sets ()				
SITE B	(2-3m:)	Massive Zone	S.W	1000~1500		-
		3 Sets ()				
SITE C	(2m:)	Massive Zone	S.W	1000~1500		-
		4 Sets ()				
		2-4m : ()				



(c) , SITE A
SITE C 가

SITE A	~		-			
SITE B	(2-3m :)		-	-	x	
SITE C	(2m :)		-		x (, :0)	

(d)

/

Rock Bolt

Shotcrete Wire Net
가

		/	
Rock Bolt	SITE A SITE C	C.T.C = 1.0m, 12EA , , L=3.0m, Cement Paste	/
Shotcrete	SITE A , SITE B , SITE C (1 10cm + W/M + 2 5cm)	: t=15cm	,
	SITE B SITE C	: t=5cm	
	SITE A SITE C	100mm, L=50cm, C.T.C = 1.5m, SITE A : 5EA, SITE C : 3EA , pipe	
Wire Net			



Troub