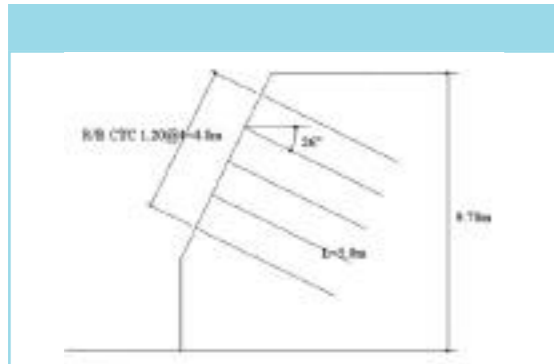


[4-2]

	SD35, D25, L=5m CTC1.5 CTC1.5	SD35, D25, L=5m CTC1.2 CTC1.2
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- 1) E. T. Brown, 1981, Rock Characterization Testing & Monitoring, p.211, Pergamon press
- 2) Bieniawski Z. T, 1984, Rock Mechanics Design in Mining and Tunneling, p.272, A. A. Balkema, Rotterdam
- 3) E. Hook, 1999, Rock Engineering -course notes-, p.313
- 4) E. Hoek, P.K.Kaiser and W.F.Bawden, 1995, Support of Underground Excavations in Hard Rock, p.215, A. A. Balkema, New York
- 5) E. Hoek & J. Bray, 1981, Rock Slope Engineering, 3rd ed., The Ins. of Min, and Metallurgy, 1995, p.459,
- 6) , 1991, - , p. 901
- 7) , 1992, , 2 , p. 499

가
; SYSTEM(: CTC1.2, : CTC1.2)
ROCK BOLT(SD35,D25,L=5m)
()



가

1. _____

가
()
“ 가 ”
가
가

가 가

2. _____

36 [53 86 ,

]가 .

가
0.5 ,
0.25
2
0.8

2-1.

53

<p>16 8 4</p> <p>가 (Bearable Limit)</p> <p>가</p> <p>3-1.</p>	<p>(2)</p> <p>(3)</p> <p>가</p> <p>가</p> <p>가</p> <p>가</p> <p>가</p>		<p>9</p> <p>15 6</p> <p>2</p> <p>8 16 8</p> <p>4</p> <p>가</p> <p>3</p> <p>APT</p> <p>S</p>	<p>1</p> <p>APT</p> <p>< ></p> <p>3 9 5</p> <p>< ></p> <p>8 ~</p> <p>4 2 가</p> <p>가</p> <p>9 ~ 3 2</p> <p>8 ~ 4 4</p>
<p>1</p> <p>가 [1997 ,2636]</p> <p>: 1997.7.22. 96 56153)</p> <p>< ></p> <p>(1)</p> <p>(2)</p> <p>(3)</p>	<p>가</p> <p>가</p> <p>2</p>		<p>< ></p> <p>가 1950가 가</p> <p>650가 가</p> <p>4 8 ~2</p> <p>,124 4</p>	
<p>< ></p> <p>(1)</p> <p>가</p> <p>,가 ,가</p> <p>,가</p> <p>가 , 가</p>	<p>() [1996-1,72]</p> <p>: 1996.3.29. 94 11806 :</p> <p>< ></p> <p>가</p> <p>< ></p>		<p>< ></p> <p>“ 12 8340 ”</p> <p>3-3.</p>	<p>3-4.</p> <p>1</p> <p>APT</p>

