



가

가

2. 薄層流

薄層流 (Riffle) (Pool)

薄層流

薄層部

(Riffle) (Pool),

淨化溝(Sedi-

G.S. Kalmaras, A COMPUTER-BASED SYSTEM FOR SUPPORTING DECISIONS FOR TUNNELING IN ROCK UNDER CONDITIONS OF UNCERTAINTY, Int. J. Rock Mech. & Min. Sci. Vol 34, No. 3-4, 1997

Bieniawski Z.T., DESIGN METHODOLOGY IN ROCK ENGINEERING, THEORY, EDUCATION & pRACTICE, A. A. Balkema, Rotterdam, Netherlands, 1992

Hudson J.A., ROCK ENGINEERING SYSTEMS; THEORY AND PRACTICE, Ellis Horwood, London, UK, 1992

薄層流

1.

1. 薄層流

ment Pond)

1. 薄層流

	BOD <sub>5</sub> (mg/ )	(m)	(m/sec)	(m)	(min)	(%)	
佐倉市	15	0.2	0.036	250	116	27	
八千代市	18	0.2	0.13	4,000	512	46	
建設省 土木研究所	6 24	0.1	--	290	280 310	10 30	

3.

薄層流 가  
薄層部



薄層流

( 1 ).  
薄層部 10cm,  
10cm/sec , BOD<sub>5</sub>  
15 20mg/

BOD<sub>5</sub>

3.

薄層流

가

$$E = \frac{T}{70 + T} \{0.4 + 0.6(\frac{C}{20})\}$$

× (39.3 + 8.0 S)

, E : BOD<sub>5</sub> (%)

T : (min)

C : ( )

S : (-)

[ 1m

1 ,

薄層流  
가

薄層流

가 가

薄層流

가 .