

Soil Mechanics Test

09911771

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8

0.5

5

1	4. :	4.2
2	5. :	5.1

	1 2	1
	1 2	1
	1 2	2
	1 2	2
	1 2	2
		8

						/
			1		20	
			1		20	
			2		20	
		<i>e-p</i> <i>e-lgp</i>	2		20	
		-	2		20	

105°C-110°C

0.01g

1 2 3

$1=20\%$ $2 =20\%$ $3 =60\%$ 100

1

61.8 mm 20 mm 0.01 g

1 2 3

$1 = 20 \%$ $2 = 20 \%$ $3 = 60 \%$

100

2

1.

2.

3.

1.

2.

3.

105°C-110°C 76g 30°

0.01g

100

1 2 3
 $1 = 20\%$ $2 = 20\%$ $3 = 60\%$
3

1.

2.

3.

1.

2.

3.

0.01 g 30 cm² 105°C-110°C
61.8 mm 20 mm

100

1 2 3
 $1 = 20\%$ $2 = 20\%$ $3 = 60\%$
4

1.

2.

3.

1.

2.

3.

61.8mm 20mm

5-10mm

0.01mm

0.01g

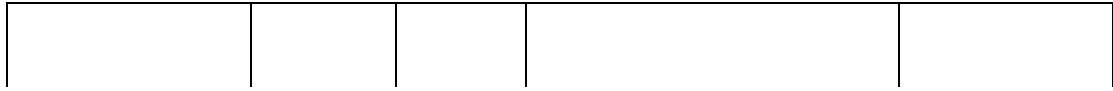
61.8mm

20mm

100

$\begin{matrix} 1 & & 2 & & 3 \\ 1 = 20\% & 2 = 20\% & 3 = 60\% \\ 5 \end{matrix}$

15% $3 = 20\%$ $4 = 25\%$ $1 = 15\%$ $2 =$
 $4 +$ 5 $100\% =$ $1 +$ $2 +$ $3 +$
 $5 = 25\%$



1

100

4

1 0.5 0

0

1 0.5 0

0

= _____

=

i

i

1	0.5		1-1=50	1-1	$S_1 = \frac{b_1A_{1-1} + b_2A_{1-2} + b_3A_{1-3} + b_4A_{1-4} + b_5A_{1-5}}{b_1OA_{1-1} + b_2OA_{1-2} + b_3OA_{1-3} + b_4OA_{1-4} + b_5OA_{1-5}}$
			1-2=50	1-2	
			1-3=50	1-3	
			1-4=50	1-4	
			1-5=50	1-5	
		2-1=50	2-1		

2 0.5

[M]. Hoboken: John Wiley & Sons, Inc., 1996.

[4] Knappett J A, Craig R F. Craig's soil mechanics (9th edition) [M] Abingdon: Spon Press, 2019.

1.

http://www.icourses.cn/coursestatic/course_2957.html

2.

<http://www.cgejournal.com>

<http://ytlx.whrsm.ac.cn>

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