

Lampiran 1 : Uji Triaksial CU Kadar Air 120 %

DATA TRIAKSIAL SATURASI

Jenis Tanah : Tanah Gambut Sumatra kadar air rencana 120% tahap I
 Kadar air sebelum direndam : 119.72 %
 Kadar air setelah direndam : 181.5 %

$\sigma_3' = 100 \text{ kPa}$

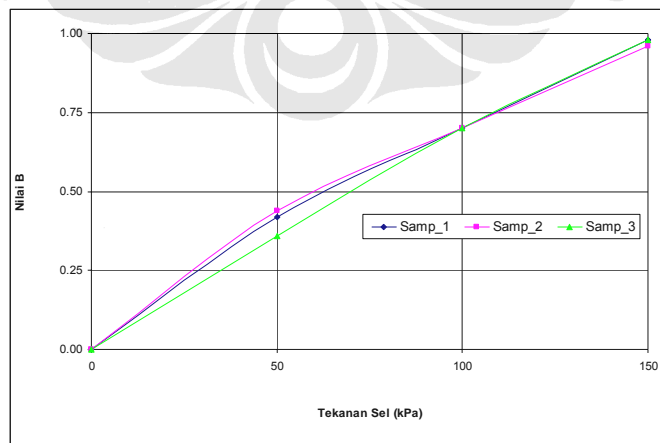
Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		21.00	21.00	0.42			10.20	13.10
	40.00	30.00			20.10	22.10		
100.00		65.00	35.00	0.70			14.20	16.80
	90.00	80.00			22.70	24.70		
150.00		129.00	49.00	0.98			17.50	19.80
	140.00	135.00			25.10	27.20		

$\sigma_3' = 200 \text{ kPa}$

Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		22.00	22.00	0.44			9.70	12.10
	40.00	30.00			8.10	10.90		
100.00		65.00	35.00	0.70			12.10	15.20
	90.00	80.00			11.20	13.40		
150.00		128.00	48.00	0.96			16.10	18.70
	140.00	130.00			14.20	16.70		

$\sigma_3' = 300 \text{ kPa}$

Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		18.00	18.00	0.36			7.10	9.40
	40.00	35.00			8.20	11.00		
100.00		70.00	35.00	0.70			10.20	13.00
	90.00	85.00			11.70	13.90		
150.00		134.00	49.00	0.98			14.70	16.90
	140.00	135.00			14.90	17.10		



DATA TRIAKSIAL KONSOLIDASI KADAR AIR 120% TAHAP I

$\sigma_3' = 100 \text{ kPa}$

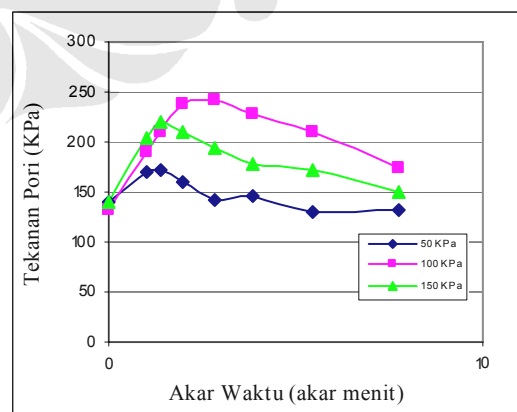
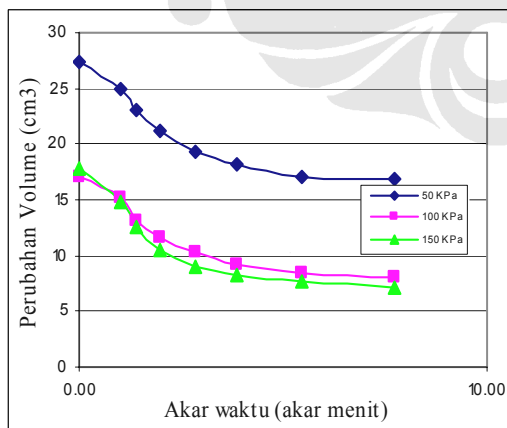
Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm3)	Tekanan Pori (kPa)
0	0.00	27.40	140.00
1	1.00	25.00	170.00
2	1.41	23.00	172.00
4	2.00	21.10	160.00
8	2.83	19.40	143.00
15	3.87	18.20	147.00
30	5.48	17.00	130.00
60	7.75	16.80	132.00
1440	10.95	16.40	135
	ΔV	11.00	cm3

$\sigma_3' = 200 \text{ kPa}$

Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm3)	Tekanan Pori (kPa)
0	0.00	17.10	132.00
1	1.00	15.10	190.00
2	1.41	13.10	210.00
4	2.00	11.60	238.00
8	2.83	10.30	242.00
15	3.87	9.10	229.00
30	5.48	8.40	211.00
60	7.75	8.00	175.00
1440	10.95	7.70	159
	ΔV	9.40	cm3

$\sigma_3' = 300 \text{ kPa}$

Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm3)	Tekanan Pori (kPa)
0	0.00	17.80	140.00
1	1.00	14.90	204.00
2	1.41	12.60	220.00
4	2.00	10.50	210.00
8	2.83	9.00	194.00
15	3.87	8.20	178.00
30	5.48	7.60	172.00
60	7.75	7.20	150.00
1440	10.95	6.80	145
	ΔV	11.00	cm3



Lampiran 1 : Uji Triaksial CU Kadar Air 120 %

DATA TRIAKSIAL SATURASI

Jenis Tanah : Tanah Gambut Sumatra kadar air rencana 120% tahap II
 Kadar air sebelum direndam : 120.34 %
 Kadar air setelah direndam : 164.25 %
 $\sigma_3' = 100 \text{ kPa}$

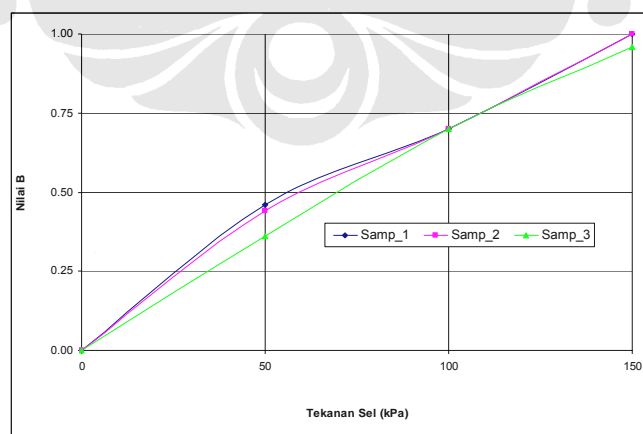
Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		23.00	23.00	0.46			9.10	11.40
	40.00	30.00			6.20	8.50		
100.00		65.00	35.00	0.70			12.20	14.60
	90.00	84.00			9.00	11.20		
150.00		134.00	50.00	1.00			15.20	17.60
	140.00	135.00			11.70	13.20		

$\sigma_3' = 200 \text{ kPa}$

Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		22.00	22.00	0.44			9.60	12.00
	40.00	28.00			8.20	10.80		
100.00		63.00	35.00	0.70			12.40	15.60
	90.00	82.00			11.00	13.50		
150.00		132.00	50.00	1.00			16.00	18.50
	140.00	135.00			14.40	16.40		

$\sigma_3' = 300 \text{ kPa}$

Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		18.00	18.00	0.36			7.20	9.20
	40.00	40.00			8.10	11.20		
100.00		75.00	35.00	0.70			10.40	13.30
	90.00	85.00			11.60	13.80		
150.00		133.00	48.00	0.96			14.40	16.80
	140.00	135.00			14.80	16.80		



DATA TRIAKSIAL KONSOLIDASI KADAR AIR 120% TAHAP II

$\sigma_3' = 100 \text{ kPa}$

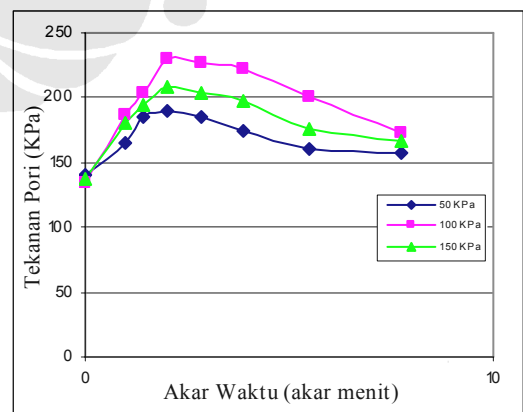
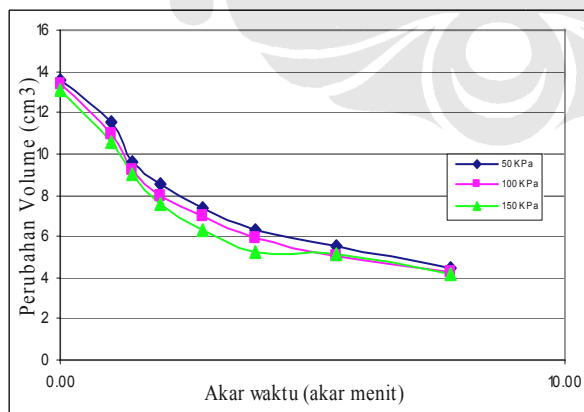
Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm ³)	Tekanan Pori (kPa)
0	0.00	13.60	140.00
1	1.00	11.50	165.00
2	1.41	9.60	185.00
4	2.00	8.50	190.00
8	2.83	7.40	185.00
15	3.87	6.30	175.00
30	5.48	5.50	161.00
60	7.75	4.50	158.00
1440	10.95	4.20	155
	ΔV	9.40	cm ³

$\sigma_3' = 200 \text{ kPa}$

Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm ³)	Tekanan Pori (kPa)
0	0.00	13.40	134.00
1	1.00	11.00	186.00
2	1.41	9.20	204.00
4	2.00	8.00	230.00
8	2.83	7.00	227.00
15	3.87	5.90	222.00
30	5.48	5.00	201.00
60	7.75	4.30	173.00
1440	10.95	4.10	172
	ΔV	9.30	cm ³

$\sigma_3' = 300 \text{ kPa}$

Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm ³)	Tekanan Pori (kPa)
0	0.00	13.10	138.00
1	1.00	10.60	180.00
2	1.41	9.00	195.00
4	2.00	7.60	208.00
8	2.83	6.30	203.00
15	3.87	5.20	197.00
30	5.48	5.10	176.00
60	7.75	4.20	166.00
1440	10.95	4.00	147
	ΔV	9.10	cm ³



Lampiran 2 : Uji Triaksial CU Kadar Air 140 %

DATA TRIAKSIAL SATURASI

Jenis Tanah : Tanah Gambut Sumatra kadar air rencana 140% tahap I
 Kadar air sebelum direndam : 143.05%
 Kadar air setelah direndam : 197.46%
 $\sigma_3' = 100$ kPa

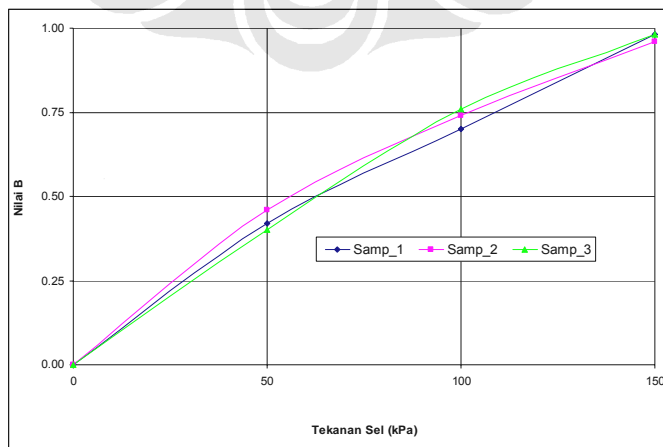
Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		21.00	21.00	0.42			7.20	9.80
	40.00	30.00			6.70	8.60		
100.00		65.00	35.00	0.70			10.20	13.10
	90.00	85.00			9.70	11.90		
150.00		134.00	49.00	0.98			14.20	16.90
	140.00	135.00			13.40	15.90		

$\sigma_3' = 200$ kPa

Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		23.00	23.00	0.46			10.20	12.80
	40.00	35.00			8.90	10.70		
100.00		72.00	37.00	0.74			13.80	15.90
	90.00	85.00			11.10	13.60		
150.00		133.00	48.00	0.96			17.10	19.80
	140.00	137.00			14.10	17.20		

$\sigma_3' = 300$ kPa

Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		20.00	20.00	0.40			5.30	8.10
	40.00	35.00			9.60	11.90		
100.00		73.00	38.00	0.76			9.90	12.70
	90.00	85.00			12.80	14.70		
150.00		134.00	49.00	0.98			14.20	17.40
	140.00	137.00			15.70	17.90		



DATA TRIAKSIAL KONSOLIDASI KADAR AIR 140% TAHAP I

$\sigma_3' = 100 \text{ kPa}$

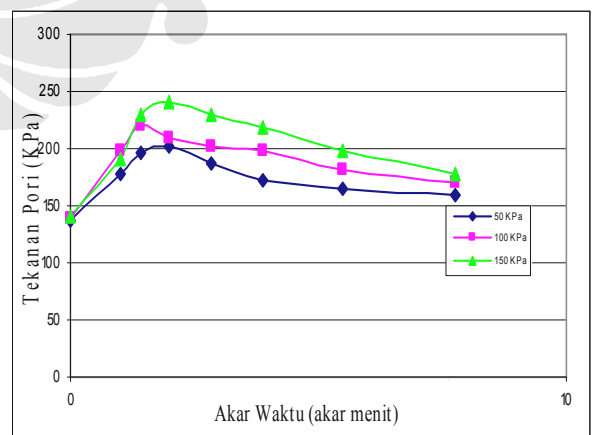
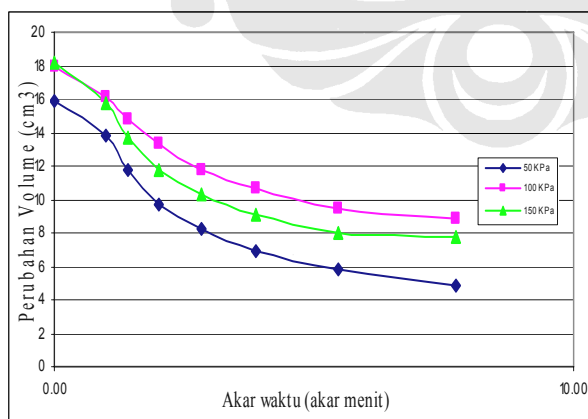
Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm ³)	Tekanan Pori (kPa)
0	0.00	15.90	137.00
1	1.00	13.80	178.00
2	1.41	11.80	197.00
4	2.00	9.70	202.00
8	2.83	8.20	187.00
15	3.87	6.90	172.00
30	5.48	5.80	165.00
60	7.75	4.90	160.00
1440	10.95	4.30	158
	ΔV	11.60	cm³

$\sigma_3' = 200 \text{ kPa}$

Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm ³)	Tekanan Pori (kPa)
0	0.00	18.00	139.00
1	1.00	16.10	198.00
2	1.41	14.80	221.00
4	2.00	13.30	209.00
8	2.83	11.80	202.00
15	3.87	10.70	198.00
30	5.48	9.50	181.00
60	7.75	8.80	170.00
1440	10.95	8.20	167
	ΔV	9.80	cm³

$\sigma_3' = 300 \text{ kPa}$

Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm ³)	Tekanan Pori (kPa)
0	0.00	18.20	140.00
1	1.00	15.70	190.00
2	1.41	13.70	230.00
4	2.00	11.80	241.00
8	2.83	10.30	230.00
15	3.87	9.10	218.00
30	5.48	8.00	198.00
60	7.75	7.70	177.00
1440	10.95	7.10	172
	ΔV	11.10	cm³



DATA TRIAKSIAL SATURASI

Jenis Tanah : Tanah Gambut Sumatra kadar air rencana 140% tahap II
 Kadar air sebelum direndam : 142.38 %
 Kadar air setelah direndam : 171.8 %

$\sigma_3' = 100 \text{ kPa}$

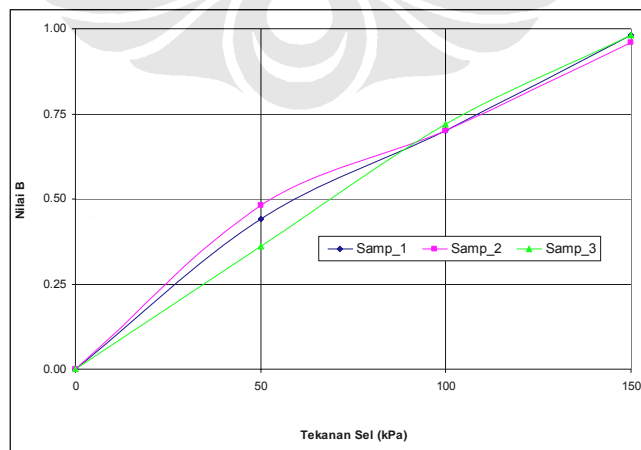
Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		22.00	22.00	0.44			6.10	8.30
	40.00	30.00			6.70	8.40		
100.00		65.00	35.00	0.70			8.90	11.10
	90.00	85.00			8.80	10.60		
150.00		134.00	49.00	0.98			12.10	15.20
	140.00	135.00			11.20	13.10		

$\sigma_3' = 200 \text{ kPa}$

Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		24.00	24.00	0.48			9.70	12.10
	40.00	30.00			8.10	10.90		
100.00		65.00	35.00	0.70			12.10	15.20
	90.00	84.00			11.20	13.40		
150.00		132.00	48.00	0.96			16.10	18.70
	140.00	134.00			14.20	16.70		

$\sigma_3' = 300 \text{ kPa}$

Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		18.00	18.00	0.36			7.10	9.40
	40.00	34.00			8.20	11.00		
100.00		70.00	36.00	0.72			10.20	13.00
	90.00	85.00			11.70	13.90		
150.00		134.00	49.00	0.98			14.70	16.90
	140.00	135.00			14.90	17.10		



DATA TRIAKSIAL KONSOLIDASI KADAR AIR 140% TAHAP II

$\sigma_3' = 100 \text{ kPa}$

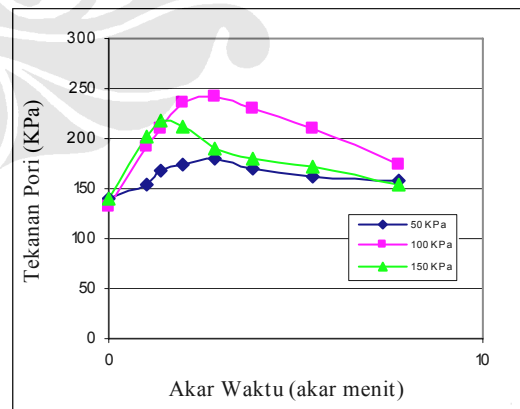
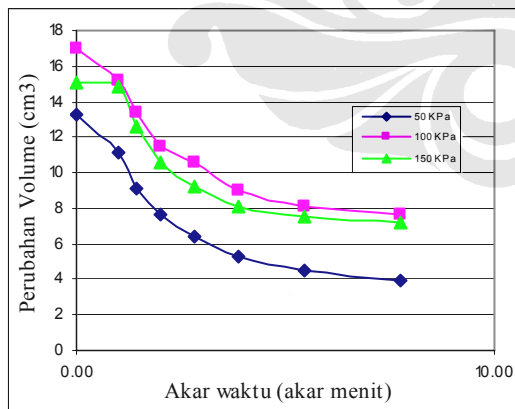
Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm3)	Tekanan Pori (kPa)
0	0.00	13.30	140.00
1	1.00	11.10	155.00
2	1.41	9.10	169.00
4	2.00	7.60	174.00
8	2.83	6.40	181.00
15	3.87	5.30	171.00
30	5.48	4.50	162.00
60	7.75	3.90	159.00
1440	10.95	3.50	159
	ΔV	9.80	cm3

$\sigma_3' = 200 \text{ kPa}$

Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm3)	Tekanan Pori (kPa)
0	0.00	17.00	132.00
1	1.00	15.20	192.00
2	1.41	13.40	210.00
4	2.00	11.50	237.00
8	2.83	10.60	242.00
15	3.87	9.00	230.00
30	5.48	8.10	210.00
60	7.75	7.60	175.00
1440	10.95	7.50	159
	ΔV	9.50	cm3

$\sigma_3' = 300 \text{ kPa}$

Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm3)	Tekanan Pori (kPa)
0	0.00	15.10	140.00
1	1.00	14.80	202.00
2	1.41	12.60	219.00
4	2.00	10.60	212.00
8	2.83	9.20	190.00
15	3.87	8.10	180.00
30	5.48	7.50	172.00
60	7.75	7.20	155.00
1440	10.95	6.80	145
	ΔV	8.30	cm3



Lampiran 2 : Uji Triaksial CU Kadar Air 140 %

DATA TRIAKSIAL SATURASI

Jenis Tanah : Tanah Gambut Sumatra Kadar Air Rencana 140% Tahap III
 Kadar Air : 139.56 %
 $\sigma_3' = 100$ kPa

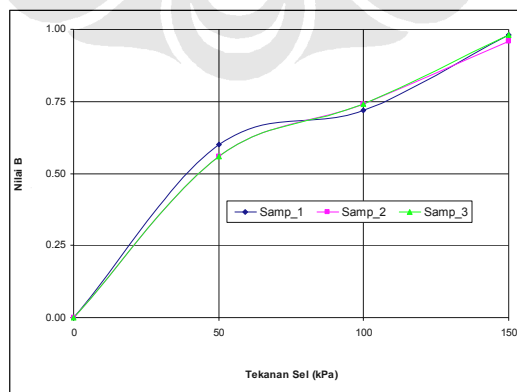
Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		30.00	30.00	0.60			8.00	9.50
	40.00	38.00			4.40	5.40		
100.00		74.00	36.00	0.72			11.20	12.00
	90.00	80.00			5.50	7.80		
150.00		129.00	49.00	0.98			12.40	14.20
	140.00				8.00	8.30		

$\sigma_3' = 200$ kPa

Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		28.00	28.00	0.56			8.20	9.80
	40.00	35.00			3.60	5.20		
100.00		72.00	37.00	0.74			10.50	11.20
	90.00	78.00			5.50	6.50		
150.00		126.00	48.00	0.96			11.50	13.90
	140.00				6.80	7.20		

$\sigma_3' = 300$ kPa

Tekanan Sel (kPa)	Tekanan Balik (kPa)	Tekanan Pori (kPa)	Selisih Tekanan Pori (kPa)	Nilai B	Perubahan Volume Tekanan Balik (kPa)		Perubahan Volume Sel (kPa)	
					Sebelum	Sesudah	Sebelum	Sesudah
0.00	0.00	0.00						
50.00		28.00	28.00	0.56			16.10	18.20
	40.00	35.00			7.20	8.70		
100.00		72.00	37.00	0.74			21.00	23.20
	90.00	85.00			9.20	10.30		
150.00		134.00	49.00	0.98			24.10	25.90
	140.00	140.00			13.20	14.70		



DATA TRIAKSIAL KONSOLIDASI KADAR AIR 140% TAHAP III

$\sigma_3' = 100 \text{ kPa}$

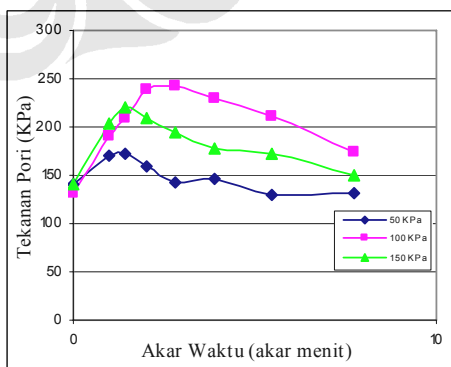
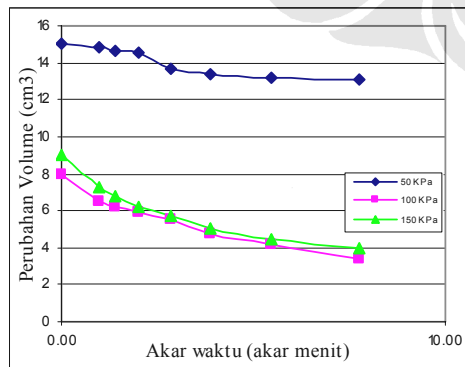
Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm3)	Tekanan Pori (kPa)
0	0.00	15.00	140.00
1	1.00	14.80	170.00
2	1.41	14.60	172.00
4	2.00	14.50	160.00
8	2.83	13.70	143.00
15	3.87	13.40	147.00
30	5.48	13.20	130.00
60	7.75	13.10	132.00
120	10.95	13.00	135
2880	53.67	13.3	150
	ΔV	1.70	cm3

$\sigma_3' = 200 \text{ kPa}$

Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm3)	Tekanan Pori (kPa)
0	0.00	8.00	132.00
1	1.00	6.50	190.00
2	1.41	6.20	210.00
4	2.00	5.90	238.00
8	2.83	5.50	242.00
15	3.87	4.80	229.00
30	5.48	4.20	211.00
60	7.75	3.40	175.00
120	10.95	2.90	159
2880	53.67	2.3	157
	ΔV	5.70	cm3

$\sigma_3' = 300 \text{ kPa}$

Waktu	Akar Waktu (akar menit)	Perubahan Volume (cm3)	Tekanan Pori (kPa)
0	0.00	9.00	140.00
1	1.00	7.30	204.00
2	1.41	6.80	220.00
4	2.00	6.20	210.00
8	2.83	5.70	194.00
15	3.87	5.00	178.00
30	5.48	4.50	172.00
60	7.75	4.00	150.00
120	10.95	3.60	145
2880	53.67	3.2	145
	ΔV	5.80	cm3



Lampiran 1 : Uji Triaksial CU Kadar Air 120 %

DATA TRIAKSIAL KOMPRESI
 Sampel 1 ($\sigma'_v = 100 \text{ Kpa}$)
 Kadar Air 120% Tahap I

Tinggi Sampel (L_0) : 70.55 mm
 Luas Penampang : 1124.61 mm²
 Diameter Sampel : 37.85 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L / L_0$	Strain ε (%)	Area Correctio n Factor	Corrected Area (mm ²)	Deviator Stress $\Delta\sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	\bar{A} $\Delta u / \Delta\sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	1124.6087	0.0000	140.00	0.00		100.0000
0.25	28.0	4.200	0.0035	0.35	0.9965	1128.6080	37.2140	145.00	5.00	0.1344	107.4047
0.50	40.0	6.000	0.0071	0.71	0.9929	1132.6358	52.9738	150.00	10.00	0.1888	107.6579
0.75	52.0	7.800	0.0106	1.06	0.9894	1136.6926	68.6201	157.00	17.00	0.2477	105.8734
1.00	60.0	9.000	0.0142	1.42	0.9858	1140.7784	78.8935	162.00	22.00	0.2789	104.2978
1.25	67.0	10.050	0.0177	1.77	0.9823	1144.8938	87.7811	167.00	27.00	0.3076	102.2604
1.50	71.0	10.650	0.0213	2.13	0.9787	1149.0390	92.6862	170.00	30.00	0.3237	100.8954
1.75	76.0	11.400	0.0248	2.48	0.9752	1153.2143	98.8541	172.00	32.00	0.3237	100.9514
2.00	80.0	12.000	0.0283	2.83	0.9717	1157.4200	103.6789	174.00	34.00	0.3279	100.5596
2.25	87.0	13.050	0.0319	3.19	0.9681	1161.6565	112.3396	176.00	36.00	0.3205	101.4465
2.50	90.0	13.500	0.0354	3.54	0.9646	1165.9242	115.7880	177.00	37.00	0.3195	101.5960
2.75	94.0	14.100	0.0390	3.90	0.9610	1170.2233	120.4898	178.00	38.00	0.3154	102.1633
3.00	97.0	14.550	0.0425	4.25	0.9575	1174.5543	123.8768	180.00	40.00	0.3229	101.2923
3.25	98.0	14.700	0.0461	4.61	0.9539	1178.9174	124.6907	181.00	41.00	0.3288	100.5636
3.50	101.0	15.150	0.0496	4.96	0.9504	1183.3131	128.0304	182.00	42.00	0.3280	100.6768
3.75	103.0	15.450	0.0532	5.32	0.9468	1187.7416	130.0788	183.00	43.00	0.3306	100.3596
4.00	106.0	15.900	0.0567	5.67	0.9433	1192.2035	133.3665	184.00	44.00	0.3299	100.4555
4.25	108.0	16.200	0.0602	6.02	0.9398	1196.6990	135.3724	184.00	44.00	0.3250	101.1241
4.50	110.0	16.500	0.0638	6.38	0.9362	1201.2285	137.3594	185.00	45.00	0.3276	100.7865
4.75	111.0	16.650	0.0673	6.73	0.9327	1205.7924	138.0835	185.00	45.00	0.3259	101.0278
5.00	112.0	16.800	0.0709	7.09	0.9291	1210.3912	138.7981	186.00	46.00	0.3314	100.2660
5.25	112.0	16.800	0.0744	7.44	0.9256	1215.0251	138.2687	187.00	47.00	0.3399	99.0896
5.50	113.0	16.950	0.0780	7.80	0.9220	1219.6947	138.9692	187.00	47.00	0.3382	99.3231
5.75	114.0	17.100	0.0815	8.15	0.9185	1224.4003	139.6602	188.00	48.00	0.3437	98.5534
6.00	115.0	17.250	0.0850	8.50	0.9150	1229.1424	140.3418	190.00	50.00	0.3563	96.7806
6.25	116.0	17.400	0.0886	8.86	0.9114	1233.9213	141.0139	190.00	50.00	0.3546	97.0046
6.50	117.0	17.550	0.0921	9.21	0.9079	1238.7376	141.6765	190.00	50.00	0.3529	97.2255
6.75	117.0	17.550	0.0957	9.57	0.9043	1243.5916	141.1235	191.00	51.00	0.3614	96.0412
7.00	117.0	17.550	0.0992	9.92	0.9008	1248.4837	140.5705	192.00	52.00	0.3699	94.8568
7.25	118.0	17.700	0.1028	10.28	0.8972	1253.4146	141.2143	192.00	52.00	0.3682	95.0714
7.50	118.0	17.700	0.1063	10.63	0.8937	1258.3845	140.6565	193.00	53.00	0.3768	93.8855
7.75	118.0	17.700	0.1099	10.99	0.8901	1263.3940	140.0988	193.00	53.00	0.3783	93.6996
8.00	118.0	17.700	0.1134	11.34	0.8866	1268.4435	139.5411	192.00	52.00	0.3727	94.5137
8.25	118.0	17.700	0.1169	11.69	0.8831	1273.5336	138.9834	192.00	52.00	0.3741	94.3278
8.50	118.0	17.700	0.1205	12.05	0.8795	1278.6646	138.4257	192.00	52.00	0.3757	94.1419
8.75	119.0	17.850	0.1240	12.40	0.8760	1283.8372	139.0363	192.00	52.00	0.3740	94.3454
9.00	119.0	17.850	0.1276	12.76	0.8724	1289.0518	138.4739	192.00	52.00	0.3755	94.1580
9.25	119.0	17.850	0.1311	13.11	0.8689	1294.3090	137.9114	192.00	52.00	0.3771	93.9705
9.50	118.0	17.700	0.1347	13.47	0.8653	1299.6092	136.1948	192.00	52.00	0.3818	93.3983
9.75	118.0	17.700	0.1382	13.82	0.8618	1304.9530	135.6371	191.00	51.00	0.3760	94.2124
10.00	117.0	17.550	0.1417	14.17	0.8583	1310.3409	133.9346	191.00	51.00	0.3808	93.6449

Lampiran 1 : Uji Triaksial CU Kadar Air 120 %

DATA TRIAKSIAL KOMPRESI
 Sampel 2 ($\sigma_3' = 200$ Kpa)
 Kadar Air 120% Tahap I

Tinggi Sampel (L_0) : 70.58 mm
 Luas Penampang : 1121.64 mm²
 Diameter Sampel : 37.80 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L /$ L_0	Strain ϵ (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta\sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	\bar{A} $\Delta u/\Delta\sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	1121.6394	0.0000	135.00	0.00		200.0000
0.25	35.0	5.250	0.0035	0.35	0.9965	1125.6265	46.6407	144.00	9.00	0.1930	206.5469
0.50	45.0	6.750	0.0071	0.71	0.9929	1129.6420	59.7534	152.00	17.00	0.2845	202.9178
0.75	56.0	8.400	0.0106	1.06	0.9894	1133.6862	74.0946	159.00	24.00	0.3239	200.6982
1.00	68.0	10.200	0.0142	1.42	0.9858	1137.7595	89.6499	165.00	30.00	0.3346	199.8833
1.25	79.0	11.850	0.0177	1.77	0.9823	1141.8622	103.7778	170.00	35.00	0.3373	199.5926
1.50	87.0	13.050	0.0213	2.13	0.9787	1145.9946	113.8749	174.00	39.00	0.3425	198.9583
1.75	95.0	14.250	0.0248	2.48	0.9752	1150.1570	123.8961	177.00	42.00	0.3390	199.2987
2.00	101.0	15.150	0.0283	2.83	0.9717	1154.3498	131.2427	180.00	45.00	0.3429	198.7476
2.25	108.0	16.200	0.0319	3.19	0.9681	1158.5732	139.8272	182.00	47.00	0.3361	199.6091
2.50	115.0	17.250	0.0354	3.54	0.9646	1162.8277	148.3453	184.00	49.00	0.3303	200.4484
2.75	121.0	18.150	0.0390	3.90	0.9610	1167.1135	155.5119	186.00	51.00	0.3279	200.8373
3.00	126.0	18.900	0.0425	4.25	0.9575	1171.4310	161.3411	189.00	54.00	0.3347	199.7804
3.25	130.0	19.500	0.0460	4.60	0.9540	1175.7806	165.8473	191.00	56.00	0.3377	199.2824
3.50	134.0	20.100	0.0496	4.96	0.9504	1180.1626	170.3155	192.00	57.00	0.3347	199.7718
3.75	138.0	20.700	0.0531	5.31	0.9469	1184.5774	174.7459	192.00	57.00	0.3262	201.2486
4.00	141.0	21.150	0.0567	5.67	0.9433	1189.0254	177.8768	193.00	58.00	0.3261	201.2923
4.25	144.0	21.600	0.0602	6.02	0.9398	1193.5068	180.9793	194.00	59.00	0.3260	201.3264
4.50	148.0	22.200	0.0638	6.38	0.9362	1198.0222	185.3054	195.00	60.00	0.3238	201.7685
4.75	150.0	22.500	0.0673	6.73	0.9327	1202.5719	187.0990	197.00	62.00	0.3314	200.3663
5.00	154.0	23.100	0.0708	7.08	0.9292	1207.1563	191.3588	199.00	64.00	0.3345	199.7863
5.25	158.0	23.700	0.0744	7.44	0.9256	1211.7757	195.5807	201.00	66.00	0.3375	199.1936
5.50	160.0	24.000	0.0779	7.79	0.9221	1216.4307	197.2985	202.00	67.00	0.3396	198.7662
5.75	162.0	24.300	0.0815	8.15	0.9185	1221.1215	198.9974	202.00	67.00	0.3367	199.3325
6.00	165.0	24.750	0.0850	8.50	0.9150	1225.8487	201.9009	203.00	68.00	0.3368	199.3003
6.25	167.0	25.050	0.0886	8.86	0.9114	1230.6126	203.5572	203.00	68.00	0.3341	199.8524
6.50	170.0	25.500	0.0921	9.21	0.9079	1235.4137	206.4086	203.00	68.00	0.3294	200.8029
6.75	172.0	25.800	0.0956	9.56	0.9044	1240.2524	208.0222	204.00	69.00	0.3317	200.3407
7.00	173.0	25.950	0.0992	9.92	0.9008	1245.1291	208.4121	204.00	69.00	0.3311	200.4707
7.25	174.0	26.100	0.1027	10.27	0.8973	1250.0444	208.7926	204.00	69.00	0.3305	200.5975
7.50	175.0	26.250	0.1063	10.63	0.8937	1254.9986	209.1636	204.00	69.00	0.3299	200.7212
7.75	175.0	26.250	0.1098	10.98	0.8902	1259.9922	208.3346	204.00	69.00	0.3312	200.4449
8.00	175.0	26.250	0.1133	11.33	0.8867	1265.0257	207.5057	204.00	69.00	0.3325	200.1686
8.25	176.0	26.400	0.1169	11.69	0.8831	1270.0996	207.8577	203.00	68.00	0.3271	201.2859
8.50	176.0	26.400	0.1204	12.04	0.8796	1275.2144	207.0240	203.00	68.00	0.3285	201.0080
8.75	176.0	26.400	0.1240	12.40	0.8760	1280.3705	206.1903	203.00	68.00	0.3298	200.7301
9.00	176.0	26.400	0.1275	12.75	0.8725	1285.5685	205.3566	203.00	68.00	0.3311	200.4522
9.25	176.0	26.400	0.1311	13.11	0.8689	1290.8089	204.5229	203.00	68.00	0.3325	200.1743
9.50	175.0	26.250	0.1346	13.46	0.8654	1296.0922	202.5319	203.00	68.00	0.3357	199.5106
9.75	175.0	26.250	0.1381	13.81	0.8619	1301.4189	201.7029	203.00	68.00	0.3371	199.2343
10.00	174.0	26.100	0.1417	14.17	0.8583	1306.7895	199.7261	203.00	68.00	0.3405	198.5754

Lampiran 1 : Uji Triaksial CU Kadar Air 120 %

DATA TRIAKSIAL KOMPRESI
Sampel 3 ($\sigma'_v = 300$ Kpa)
Kadar Air 120% Tahap I

Tinggi Sampel (L_0) : 70.57 mm
Luas Penampang : 1109.80 mm²
Diameter Sampel : 37.6 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L / L_0$	Strain ϵ (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta\sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	\bar{A} $\Delta u / \Delta\sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	1109.8016	0.0000	137.00	0.00		300.0000
0.25	45.0	6.750	0.0035	0.35	0.9965	1113.7471	60.6062	147.00	10.00	0.1650	310.2021
0.50	65.0	9.750	0.0071	0.71	0.9929	1117.7208	87.2311	158.00	21.00	0.2407	308.0770
0.75	83.0	12.450	0.0106	1.06	0.9894	1121.7230	110.9900	166.00	29.00	0.2613	307.9967
1.00	101.0	15.150	0.0142	1.42	0.9858	1125.7539	134.5765	174.00	37.00	0.2749	307.8588
1.25	116.0	17.400	0.0177	1.77	0.9823	1129.8139	154.0077	180.00	43.00	0.2792	308.3359
1.50	123.0	18.450	0.0213	2.13	0.9787	1133.9033	162.7123	185.00	48.00	0.2950	306.2374
1.75	130.0	19.500	0.0248	2.48	0.9752	1138.0224	171.3499	189.00	52.00	0.3035	305.1166
2.00	135.0	20.250	0.0283	2.83	0.9717	1142.1715	177.2939	192.00	55.00	0.3102	304.0980
2.25	141.0	21.150	0.0319	3.19	0.9681	1146.3510	184.4985	195.00	58.00	0.3144	303.4995
2.50	146.0	21.900	0.0354	3.54	0.9646	1150.5612	190.3419	197.00	60.00	0.3152	303.4473
2.75	150.0	22.500	0.0390	3.90	0.9610	1154.8024	194.8385	200.00	63.00	0.3233	301.9462
3.00	155.0	23.250	0.0425	4.25	0.9575	1159.0750	200.5910	203.00	66.00	0.3290	300.8637
3.25	160.0	24.000	0.0461	4.61	0.9539	1163.3794	206.2956	206.00	69.00	0.3345	299.7652
3.50	164.0	24.600	0.0496	4.96	0.9504	1167.7158	210.6677	208.00	71.00	0.3370	299.2226
3.75	169.0	25.350	0.0531	5.31	0.9469	1172.0847	216.2813	212.00	75.00	0.3468	297.0938
4.00	174.0	26.100	0.0567	5.67	0.9433	1176.4864	221.8470	214.00	77.00	0.3471	296.9490
4.25	179.0	26.850	0.0602	6.02	0.9398	1180.9213	227.3649	215.00	78.00	0.3431	297.7883
4.50	183.0	27.450	0.0638	6.38	0.9362	1185.3897	231.5694	217.00	80.00	0.3455	297.1898
4.75	187.0	28.050	0.0673	6.73	0.9327	1189.8921	235.7357	218.00	81.00	0.3436	297.5786
5.00	190.0	28.500	0.0709	7.09	0.9291	1194.4288	238.6078	219.00	82.00	0.3437	297.5359
5.25	196.0	29.400	0.0744	7.44	0.9256	1199.0003	245.2043	220.00	83.00	0.3385	298.7348
5.50	199.0	29.850	0.0779	7.79	0.9221	1203.6069	248.0046	221.00	84.00	0.3387	298.6682
5.75	203.0	30.450	0.0815	8.15	0.9185	1208.2490	252.0176	222.00	85.00	0.3373	299.0059
6.00	206.0	30.900	0.0850	8.50	0.9150	1212.9270	254.7556	222.00	85.00	0.3337	299.9185
6.25	210.0	31.500	0.0886	8.86	0.9114	1217.6415	258.6968	223.00	86.00	0.3324	300.2323
6.50	215.0	32.250	0.0921	9.21	0.9079	1222.3927	263.8268	223.00	86.00	0.3260	301.9423
6.75	218.0	32.700	0.0956	9.56	0.9044	1227.1811	266.4643	223.00	86.00	0.3227	302.8214
7.00	220.0	33.000	0.0992	9.92	0.9008	1232.0072	267.8556	223.00	86.00	0.3211	303.2852
7.25	222.0	33.300	0.1027	10.27	0.8973	1236.8714	269.2277	223.00	86.00	0.3194	303.7426
7.50	222.0	33.300	0.1063	10.63	0.8937	1241.7742	268.1647	223.00	86.00	0.3207	303.3882
7.75	223.0	33.450	0.1098	10.98	0.8902	1246.7160	268.3049	223.00	86.00	0.3205	303.4350
8.00	223.0	33.450	0.1134	11.34	0.8866	1251.6973	267.2371	221.00	84.00	0.3143	305.0790
8.25	223.0	33.450	0.1169	11.69	0.8831	1256.7185	266.1694	221.00	84.00	0.3156	304.7231
8.50	223.0	33.450	0.1204	12.04	0.8796	1261.7802	265.1016	221.00	84.00	0.3169	304.3672
8.75	223.0	33.450	0.1240	12.40	0.8760	1266.8829	264.0339	221.00	84.00	0.3181	304.0113
9.00	223.0	33.450	0.1275	12.75	0.8725	1272.0269	262.9661	221.00	84.00	0.3194	303.6554
9.25	222.0	33.300	0.1311	13.11	0.8689	1277.2130	260.7239	221.00	84.00	0.3222	302.9080
9.50	222.0	33.300	0.1346	13.46	0.8654	1282.4414	259.6610	221.00	84.00	0.3235	302.5537
9.75	222.0	33.300	0.1382	13.82	0.8618	1287.7129	258.5980	221.00	84.00	0.3248	302.1993
10.00	222.0	33.300	0.1417	14.17	0.8583	1293.0279	257.5350	221.00	84.00	0.3262	301.8450

Lampiran 1 : Uji Triaksial CU Kadar Air 120 %

DATA TRIAKSIAL KOMPRESI
Sampel 1 ($\sigma_3' = 100$ Kpa)
Kadar Air 120% Tahap II

Tinggi Sampel (L_0) : 70.7 mm
Luas Penampang : 1103.91 mm²
Diameter Sampel : 37.5 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L / L_0$	Strain ϵ (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta \sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	$\bar{A} \Delta u / \Delta \sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	1103.9063	0.0000	140.00	0.00		100.0000
0.25	35.0	5.250	0.0033	0.33	0.9967	1107.5640	47.4013	146.00	6.00	0.1266	109.8004
0.50	48.0	7.200	0.0066	0.66	0.9934	1111.2461	64.7921	151.00	11.00	0.1698	110.5974
0.75	59.0	8.850	0.0099	0.99	0.9901	1114.9527	79.3756	155.00	15.00	0.1890	111.4585
1.00	69.0	10.350	0.0132	1.32	0.9868	1118.6841	92.5194	159.00	19.00	0.2054	111.8398
1.25	78.0	11.700	0.0165	1.65	0.9835	1122.4406	104.2371	163.00	23.00	0.2207	111.7457
1.50	87.0	13.050	0.0198	1.98	0.9802	1126.2224	115.8741	166.00	26.00	0.2244	112.6247
1.75	95.0	14.250	0.0231	2.31	0.9769	1130.0298	126.1029	169.00	29.00	0.2300	113.0343
2.00	102.0	15.300	0.0264	2.64	0.9736	1133.8630	134.9369	171.00	31.00	0.2297	113.9790
2.25	108.0	16.200	0.0297	2.97	0.9703	1137.7223	142.3898	173.00	33.00	0.2318	114.4633
2.50	114.0	17.100	0.0330	3.30	0.9670	1141.6080	149.7887	174.00	34.00	0.2270	115.9296
2.75	118.0	17.700	0.0363	3.63	0.9637	1145.5203	154.5149	175.00	35.00	0.2265	116.5050
3.00	120.0	18.000	0.0396	3.96	0.9604	1149.4595	156.5953	176.00	36.00	0.2299	116.1984
3.25	123.0	18.450	0.0429	4.29	0.9571	1153.4259	159.9583	178.00	38.00	0.2376	115.3194
3.50	126.0	18.900	0.0462	4.62	0.9538	1157.4197	163.2943	180.00	40.00	0.2450	114.4314
3.75	128.0	19.200	0.0495	4.95	0.9505	1161.4413	165.3118	182.00	42.00	0.2541	113.1039
4.00	129.0	19.350	0.0528	5.28	0.9472	1165.4910	166.0245	183.00	43.00	0.2590	112.3415
4.25	130.0	19.500	0.0561	5.61	0.9439	1169.5690	166.7281	184.00	44.00	0.2639	111.5760
4.50	131.0	19.650	0.0594	5.94	0.9406	1173.6756	167.4228	186.00	46.00	0.2748	109.8076
4.75	132.0	19.800	0.0627	6.27	0.9373	1177.8112	168.1084	187.00	47.00	0.2796	109.0361
5.00	133.0	19.950	0.0661	6.61	0.9339	1181.9760	168.7852	188.00	48.00	0.2844	108.2617
5.25	134.0	20.100	0.0694	6.94	0.9306	1186.1704	169.4529	190.00	50.00	0.2951	106.4843
5.50	134.5	20.175	0.0727	7.27	0.9273	1190.3946	169.4816	191.00	51.00	0.3009	105.4939
5.75	135.0	20.250	0.0760	7.60	0.9240	1194.6491	169.5058	192.00	52.00	0.3068	104.5019
6.00	135.0	20.250	0.0793	7.93	0.9207	1198.9340	168.9000	192.00	52.00	0.3079	104.3000
6.25	136.0	20.400	0.0826	8.26	0.9174	1203.2499	169.5408	192.00	52.00	0.3067	104.5136
6.50	137.0	20.550	0.0859	8.59	0.9141	1207.5969	170.1727	192.00	52.00	0.3056	104.7242
6.75	137.0	20.550	0.0892	8.92	0.9108	1211.9754	169.5579	192.00	52.00	0.3067	104.5193
7.00	137.0	20.550	0.0925	9.25	0.9075	1216.3858	168.9431	192.00	52.00	0.3078	104.3144
7.25	137.0	20.550	0.0958	9.58	0.9042	1220.8284	168.3283	192.00	52.00	0.3089	104.1094
7.50	137.0	20.550	0.0991	9.91	0.9009	1225.3036	167.7135	191.00	51.00	0.3041	104.9045
7.75	137.5	20.625	0.1024	10.24	0.8976	1229.8117	167.7086	191.00	51.00	0.3041	104.9029
8.00	138.0	20.700	0.1057	10.57	0.8943	1234.3531	167.6992	191.00	51.00	0.3041	104.8997
8.25	138.0	20.700	0.1090	10.90	0.8910	1238.9281	167.0799	191.00	51.00	0.3052	104.6933
8.50	138.0	20.700	0.1123	11.23	0.8877	1243.5372	166.4606	190.00	50.00	0.3004	105.4869
8.75	138.0	20.700	0.1156	11.56	0.8844	1248.1808	165.8414	190.00	50.00	0.3015	105.2805
9.00	137.0	20.550	0.1189	11.89	0.8811	1252.8591	164.0248	190.00	50.00	0.3048	104.6749
9.25	137.0	20.550	0.1222	12.22	0.8778	1257.5727	163.4100	190.00	50.00	0.3060	104.4700
9.50	137.0	20.550	0.1255	12.55	0.8745	1262.3218	162.7953	190.00	50.00	0.3071	104.2651
9.75	137.0	20.550	0.1288	12.88	0.8712	1267.1069	162.1805	190.00	50.00	0.3083	104.0602
10.00	137.0	20.550	0.1321	13.21	0.8679	1271.9285	161.5657	190.00	50.00	0.3095	103.8552

DATA TRIAKSIAL KOMPRESI
 Sampel 2 ($\sigma_3' = 200$ Kpa)
 Kadar Air 120% Tahap II

Tinggi Sampel (L_0) : 70.58 mm
 Luas Penampang : 1121.64 mm²
 Diameter Sampel : 37.8 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L /$ L_0	Strain ϵ (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta \sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	\bar{A} $\Delta u / \Delta \sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	1121.6394	0.0000	135.00	0.00		200.0000
0.25	42.0	6.300	0.0035	0.35	0.9965	1125.6265	55.9688	144.00	9.00	0.1608	209.6563
0.50	61.0	9.150	0.0071	0.71	0.9929	1129.6420	80.9991	151.00	16.00	0.1975	210.9997
0.75	80.0	12.000	0.0106	1.06	0.9894	1133.6862	105.8494	157.00	22.00	0.2078	213.2831
1.00	95.0	14.250	0.0142	1.42	0.9858	1137.7595	125.2461	161.00	26.00	0.2076	215.7487
1.25	109.0	16.350	0.0177	1.77	0.9823	1141.8622	143.1872	164.00	29.00	0.2025	218.7291
1.50	123.0	18.450	0.0213	2.13	0.9787	1145.9946	160.9955	167.00	32.00	0.1988	221.6652
1.75	128.0	19.200	0.0248	2.48	0.9752	1150.1570	166.9337	170.00	35.00	0.2097	220.6446
2.00	135.0	20.250	0.0283	2.83	0.9717	1154.3498	175.4234	173.00	38.00	0.2166	220.4745
2.25	139.0	20.850	0.0319	3.19	0.9681	1158.5732	179.9627	176.00	41.00	0.2278	218.9876
2.50	143.0	21.450	0.0354	3.54	0.9646	1162.8277	184.4641	178.00	43.00	0.2331	218.4880
2.75	147.0	22.050	0.0390	3.90	0.9610	1167.1135	188.9276	180.00	45.00	0.2382	217.9759
3.00	150.0	22.500	0.0425	4.25	0.9575	1171.4310	192.0728	182.00	47.00	0.2447	217.0243
3.25	155.0	23.250	0.0460	4.60	0.9540	1175.7806	197.7410	184.00	49.00	0.2478	216.9137
3.50	160.0	24.000	0.0496	4.96	0.9504	1180.1626	203.3618	185.00	50.00	0.2459	217.7873
3.75	164.0	24.600	0.0531	5.31	0.9469	1184.5774	207.6690	186.00	51.00	0.2456	218.2230
4.00	167.0	25.050	0.0567	5.67	0.9433	1189.0254	210.6768	188.00	53.00	0.2516	217.2256
4.25	170.0	25.500	0.0602	6.02	0.9398	1193.5068	213.6561	190.00	55.00	0.2574	216.2187
4.50	173.0	25.950	0.0638	6.38	0.9362	1198.0222	216.6070	191.00	56.00	0.2585	216.2023
4.75	175.0	26.250	0.0673	6.73	0.9327	1202.5719	218.2822	192.00	57.00	0.2611	215.7607
5.00	177.0	26.550	0.0708	7.08	0.9292	1207.1563	219.9384	193.00	58.00	0.2637	215.3128
5.25	179.0	26.850	0.0744	7.44	0.9256	1211.7757	221.5757	194.00	59.00	0.2663	214.8586
5.50	180.0	27.000	0.0779	7.79	0.9221	1216.4307	221.9609	194.00	59.00	0.2658	214.9870
5.75	181.0	27.150	0.0815	8.15	0.9185	1221.1215	222.3366	194.00	59.00	0.2654	215.1122
6.00	181.0	27.150	0.0850	8.50	0.9150	1225.8487	221.4792	195.00	60.00	0.2709	213.8264
6.25	181.0	27.150	0.0886	8.86	0.9114	1230.6126	220.6218	196.00	61.00	0.2765	212.5406
6.50	181.5	27.225	0.0921	9.21	0.9079	1235.4137	220.3715	196.00	61.00	0.2768	212.4572
6.75	182.0	27.300	0.0956	9.56	0.9044	1240.2524	220.1165	196.00	61.00	0.2771	212.3722
7.00	182.0	27.300	0.0992	9.92	0.9008	1245.1291	219.2544	196.00	61.00	0.2782	212.0848
7.25	182.0	27.300	0.1027	10.27	0.8973	1250.0444	218.3923	196.00	61.00	0.2793	211.7974
7.50	182.0	27.300	0.1063	10.63	0.8937	1254.9986	217.5301	196.00	61.00	0.2804	211.5100
7.75	182.0	27.300	0.1098	10.98	0.8902	1259.9922	216.6680	196.00	61.00	0.2815	211.2227
8.00	182.0	27.300	0.1133	11.33	0.8867	1265.0257	215.8059	195.00	60.00	0.2780	211.9353
8.25	182.0	27.300	0.1169	11.69	0.8831	1270.0996	214.9438	195.00	60.00	0.2791	211.6479
8.50	181.0	27.150	0.1204	12.04	0.8796	1275.2144	212.9054	195.00	60.00	0.2818	210.9685
8.75	181.0	27.150	0.1240	12.40	0.8760	1280.3705	212.0480	195.00	60.00	0.2830	210.6827
9.00	181.0	27.150	0.1275	12.75	0.8725	1285.5685	211.1906	195.00	60.00	0.2841	210.3969
9.25	181.0	27.150	0.1311	13.11	0.8689	1290.8089	210.3332	195.00	60.00	0.2853	210.1111
9.50	180.0	27.000	0.1346	13.46	0.8654	1296.0922	208.3185	193.00	58.00	0.2784	211.4395
9.75	180.0	27.000	0.1381	13.81	0.8619	1301.4189	207.4659	193.00	58.00	0.2796	211.1553
10.00	180.0	27.000	0.1417	14.17	0.8583	1306.7895	206.6132	193.00	58.00	0.2807	210.8711

Lampiran 1 : Uji Triaksial CU Kadar Air 120 %

DATA TRIAKSIAL KOMPRESI
 Sampel 3 ($\sigma_3' = 300$ Kpa)
 Kadar Air 120% Tahap II

Tinggi Sampel (L_0) : 70.57 mm
 Luas Penampang : 1109.8 mm²
 Diameter Sampel : 37.6 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L /$ L_0	Strain ϵ (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta\sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	\bar{A} $\Delta u / \Delta\sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	1109.8016	0.0000	140.00	0.00		300.0000
0.25	45.0	6.750	0.0035	0.35	0.9965	1113.7471	60.6062	146.00	6.00	0.0990	314.2021
0.50	69.0	10.350	0.0071	0.71	0.9929	1117.7208	92.5992	153.00	13.00	0.1404	317.8664
0.75	89.0	13.350	0.0106	1.06	0.9894	1121.7230	119.0133	158.00	18.00	0.1512	321.6711
1.00	108.0	16.200	0.0142	1.42	0.9858	1125.7539	143.9036	163.00	23.00	0.1598	324.9679
1.25	110.0	16.500	0.0177	1.77	0.9823	1129.8139	146.0418	167.00	27.00	0.1849	321.6806
1.50	130.0	19.500	0.0213	2.13	0.9787	1133.9033	171.9723	170.00	30.00	0.1744	327.3241
1.75	142.0	21.300	0.0248	2.48	0.9752	1138.0224	187.1668	173.00	33.00	0.1763	329.3889
2.00	143.0	21.450	0.0283	2.83	0.9717	1142.1715	187.8002	176.00	36.00	0.1917	326.6001
2.25	144.0	21.600	0.0319	3.19	0.9681	1146.3510	188.4240	178.00	38.00	0.2017	324.8080
2.50	148.0	22.200	0.0354	3.54	0.9646	1150.5612	192.9493	181.00	41.00	0.2125	323.3164
2.75	151.0	22.650	0.0390	3.90	0.9610	1154.8024	196.1375	182.00	42.00	0.2141	323.3792
3.00	155.0	23.250	0.0425	4.25	0.9575	1159.0750	200.5910	184.00	44.00	0.2194	322.8637
3.25	160.0	24.000	0.0461	4.61	0.9539	1163.3794	206.2956	185.00	45.00	0.2181	323.7652
3.50	164.0	24.600	0.0496	4.96	0.9504	1167.7158	210.6677	186.00	46.00	0.2184	324.2226
3.75	170.0	25.500	0.0531	5.31	0.9469	1172.0847	217.5611	188.00	48.00	0.2206	324.5204
4.00	175.0	26.250	0.0567	5.67	0.9433	1176.4864	223.1220	191.00	51.00	0.2286	323.3740
4.25	180.0	27.000	0.0602	6.02	0.9398	1180.9213	228.6351	192.00	52.00	0.2274	324.2117
4.50	182.0	27.300	0.0638	6.38	0.9362	1185.3897	230.3040	194.00	54.00	0.2345	322.7680
4.75	186.0	27.900	0.0673	6.73	0.9327	1189.8921	234.4750	195.00	55.00	0.2346	323.1583
5.00	189.0	28.350	0.0709	7.09	0.9291	1194.4288	237.3519	196.00	56.00	0.2359	323.1173
5.25	197.0	29.550	0.0744	7.44	0.9256	1199.0003	246.4553	198.00	58.00	0.2353	324.1518
5.50	200.0	30.000	0.0779	7.79	0.9221	1203.6069	249.2508	199.00	59.00	0.2367	324.0836
5.75	203.0	30.450	0.0815	8.15	0.9185	1208.2490	252.0176	201.00	61.00	0.2420	323.0059
6.00	206.0	30.900	0.0850	8.50	0.9150	1212.9270	254.7556	202.00	62.00	0.2434	322.9185
6.25	211.0	31.650	0.0886	8.86	0.9114	1217.6415	259.9287	202.00	62.00	0.2385	324.6429
6.50	214.0	32.100	0.0921	9.21	0.9079	1222.3927	262.5997	203.00	63.00	0.2399	324.5332
6.75	217.0	32.550	0.0956	9.56	0.9044	1227.1811	265.2420	204.00	64.00	0.2413	324.4140
7.00	219.0	32.850	0.0992	9.92	0.9008	1232.0072	266.6380	205.00	65.00	0.2438	323.8793
7.25	219.0	32.850	0.1027	10.27	0.8973	1236.8714	265.5894	206.00	66.00	0.2485	322.5298
7.50	219.0	32.850	0.1063	10.63	0.8937	1241.7742	264.5408	208.00	68.00	0.2570	320.1803
7.75	218.0	32.700	0.1098	10.98	0.8902	1246.7160	262.2891	212.00	72.00	0.2745	315.4297
8.00	218.0	32.700	0.1134	11.34	0.8866	1251.6973	261.2453	213.00	73.00	0.2794	314.0818
8.25	217.0	32.550	0.1169	11.69	0.8831	1256.7185	259.0079	214.00	74.00	0.2857	312.3360
8.50	217.0	32.550	0.1204	12.04	0.8796	1261.7802	257.9689	215.00	75.00	0.2907	310.9896
8.75	216.0	32.400	0.1240	12.40	0.8760	1266.8829	255.7458	214.00	74.00	0.2893	311.2486
9.00	216.0	32.400	0.1275	12.75	0.8725	1272.0269	254.7116	214.00	74.00	0.2905	310.9039
9.25	216.0	32.400	0.1311	13.11	0.8689	1277.2130	253.6774	213.00	73.00	0.2878	311.5591
9.50	216.0	32.400	0.1346	13.46	0.8654	1282.4414	252.6431	213.00	73.00	0.2889	311.2144
9.75	216.0	32.400	0.1382	13.82	0.8618	1287.7129	251.6089	213.00	73.00	0.2901	310.8696
10.00	216.0	32.400	0.1417	14.17	0.8583	1293.0279	250.5746	213.00	73.00	0.2913	310.5249

DATA TRIAKSIAL KOMPRESI
Sampel 1 ($\sigma_3' = 100$ Kpa)
Kadar Air 140% Tahap I

Tinggi Sampel (L_0) : 70.57 mm
Luas Penampang : 967.13 mm²
Diameter Sampel : 35.1 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L /$ L_0	Strain ϵ (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta \sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	\bar{A} $\Delta u / \Delta \sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	967.1279	0.0000	138.00	0.00		100.0000
0.25	19.0	2.850	0.0035	0.35	0.9965	970.5094	29.3660	143.00	5.00	0.1703	104.7887
0.50	26.0	3.900	0.0070	0.70	0.9930	973.9147	40.0446	148.00	10.00	0.2497	103.3482
0.75	30.0	4.500	0.0105	1.05	0.9895	977.3440	46.0432	152.00	14.00	0.3041	101.3477
1.00	33.0	4.950	0.0139	1.39	0.9861	980.7975	50.4691	156.00	18.00	0.3567	98.8230
1.25	36.0	5.400	0.0174	1.74	0.9826	984.2755	54.8627	160.00	22.00	0.4010	96.2876
1.50	39.0	5.850	0.0209	2.09	0.9791	987.7783	59.2238	163.00	25.00	0.4221	94.7413
1.75	41.0	6.150	0.0244	2.44	0.9756	991.3060	62.0394	165.00	27.00	0.4352	93.6798
2.00	43.0	6.450	0.0279	2.79	0.9721	994.8591	64.8333	168.00	30.00	0.4627	91.6111
2.25	45.0	6.750	0.0314	3.14	0.9686	998.4377	67.6056	170.00	32.00	0.4733	90.5352
2.50	47.0	7.050	0.0348	3.48	0.9652	1002.0422	70.3563	172.00	34.00	0.4833	89.4521
2.75	49.0	7.350	0.0383	3.83	0.9617	1005.6728	73.0854	174.00	36.00	0.4926	88.3618
3.00	51.0	7.650	0.0418	4.18	0.9582	1009.3298	75.7929	175.00	37.00	0.4882	88.2643
3.25	53.0	7.950	0.0453	4.53	0.9547	1013.0135	78.4787	175.00	37.00	0.4715	89.1596
3.50	55.0	8.250	0.0488	4.88	0.9512	1016.7242	81.1430	177.00	39.00	0.4806	88.0477
3.75	56.0	8.400	0.0523	5.23	0.9477	1020.4621	82.3156	178.00	40.00	0.4859	87.4385
4.00	57.0	8.550	0.0557	5.57	0.9443	1024.2276	83.4775	179.00	41.00	0.4912	86.8258
4.25	58.0	8.700	0.0592	5.92	0.9408	1028.0211	84.6286	180.00	42.00	0.4963	86.2095
4.50	60.0	9.000	0.0627	6.27	0.9373	1031.8427	87.2226	180.00	42.00	0.4815	87.0742
4.75	62.0	9.300	0.0662	6.62	0.9338	1035.6929	89.7950	181.00	43.00	0.4789	86.9317
5.00	63.0	9.450	0.0697	6.97	0.9303	1039.5719	90.9028	181.00	43.00	0.4730	87.3009
5.25	64.0	9.600	0.0732	7.32	0.9268	1043.4800	91.9998	182.00	44.00	0.4783	86.6666
5.50	65.0	9.750	0.0767	7.67	0.9233	1047.4177	93.0861	184.00	46.00	0.4942	85.0287
5.75	66.0	9.900	0.0801	8.01	0.9199	1051.3852	94.1615	185.00	47.00	0.4991	84.3872
6.00	66.5	9.975	0.0836	8.36	0.9164	1055.3829	94.5155	185.00	47.00	0.4973	84.5052
6.25	67.0	10.050	0.0871	8.71	0.9129	1059.4110	94.8640	185.00	47.00	0.4954	84.6213
6.50	68.0	10.200	0.0906	9.06	0.9094	1063.4701	95.9124	186.00	48.00	0.5005	83.9708
6.75	69.0	10.350	0.0941	9.41	0.9059	1067.5604	96.9500	187.00	49.00	0.5054	83.3167
7.00	70.0	10.500	0.0976	9.76	0.9024	1071.6822	97.9768	188.00	50.00	0.5103	82.6589
7.25	70.0	10.500	0.1010	10.10	0.8990	1075.8360	97.5985	189.00	51.00	0.5225	81.5328
7.50	70.5	10.575	0.1045	10.45	0.8955	1080.0222	97.9147	190.00	52.00	0.5311	80.6382
7.75	71.0	10.650	0.1080	10.80	0.8920	1084.2410	98.2254	190.00	52.00	0.5294	80.7418
8.00	71.0	10.650	0.1115	11.15	0.8885	1088.4929	97.8417	190.00	52.00	0.5315	80.6139
8.25	71.0	10.650	0.1150	11.50	0.8850	1092.7783	97.4580	191.00	53.00	0.5438	79.4860
8.50	71.5	10.725	0.1185	11.85	0.8815	1097.0976	97.7579	191.00	53.00	0.5422	79.5860
8.75	72.0	10.800	0.1220	12.20	0.8780	1101.4512	98.0525	191.00	53.00	0.5405	79.6842
9.00	72.0	10.800	0.1254	12.54	0.8746	1105.8394	97.6634	191.00	53.00	0.5427	79.5545
9.25	72.0	10.800	0.1289	12.89	0.8711	1110.2628	97.2743	190.00	52.00	0.5346	80.4248
9.50	72.0	10.800	0.1324	13.24	0.8676	1114.7217	96.8852	190.00	52.00	0.5367	80.2951
9.75	72.0	10.800	0.1359	13.59	0.8641	1119.2165	96.4961	190.00	52.00	0.5389	80.1654
10.00	72.0	10.800	0.1394	13.94	0.8606	1123.7477	96.1070	190.00	52.00	0.5411	80.0357

DATA TRIAKSIAL KOMPRESI

Sampel 2 ($\sigma_3' = 200$ Kpa)
Kadar Air 140% Tahap I

Tinggi Sampel (L_0) : 71.7 mm
Luas Penampang : 989.3 mm²
Diameter Sampel : 35.5 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L / L_0$	Strain ϵ (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta \sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	\bar{A} $\Delta u / \Delta \sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	989.2963	0.0000	140.00	0.00		200.0000
0.25	25.0	3.750	0.0035	0.35	0.9965	992.7577	37.7736	147.00	7.00	0.1853	205.5912
0.50	34.0	5.100	0.0070	0.70	0.9930	996.2436	51.1923	154.00	14.00	0.2735	203.0641
0.75	42.0	6.300	0.0105	1.05	0.9895	999.7539	63.0155	160.00	20.00	0.3174	201.0052
1.00	49.0	7.350	0.0139	1.39	0.9861	1003.2891	73.2590	166.00	26.00	0.3549	198.4197
1.25	55.0	8.250	0.0174	1.74	0.9826	1006.8494	81.9388	170.00	30.00	0.3661	197.3129
1.50	60.0	9.000	0.0209	2.09	0.9791	1010.4351	89.0705	175.00	35.00	0.3929	194.6902
1.75	64.0	9.600	0.0244	2.44	0.9756	1014.0463	94.6702	179.00	39.00	0.4120	192.5567
2.00	68.0	10.200	0.0279	2.79	0.9721	1017.6835	100.2276	184.00	44.00	0.4390	189.4092
2.25	71.0	10.650	0.0314	3.14	0.9686	1021.3469	104.2741	187.00	47.00	0.4507	187.7580
2.50	74.0	11.100	0.0349	3.49	0.9651	1025.0367	108.2888	189.00	49.00	0.4525	187.0963
2.75	77.0	11.550	0.0384	3.84	0.9616	1028.7533	112.2718	191.00	51.00	0.4543	186.4239
3.00	80.0	12.000	0.0418	4.18	0.9582	1032.4970	116.2231	193.00	53.00	0.4560	185.7410
3.25	82.0	12.300	0.0453	4.53	0.9547	1036.2679	118.6952	195.00	55.00	0.4634	184.5651
3.50	84.0	12.600	0.0488	4.88	0.9512	1040.0666	121.1461	196.00	56.00	0.4623	184.3820
3.75	86.0	12.900	0.0523	5.23	0.9477	1043.8932	123.5759	197.00	57.00	0.4613	184.1920
4.00	87.0	13.050	0.0558	5.58	0.9442	1047.7480	124.5528	198.00	58.00	0.4657	183.5176
4.25	88.0	13.200	0.0593	5.93	0.9407	1051.6314	125.5193	198.00	58.00	0.4621	183.8398
4.50	89.0	13.350	0.0628	6.28	0.9372	1055.5438	126.4751	198.00	58.00	0.4586	184.1584
4.75	90.0	13.500	0.0662	6.62	0.9338	1059.4853	127.4204	199.00	59.00	0.4630	183.4735
5.00	91.0	13.650	0.0697	6.97	0.9303	1063.4564	128.3551	200.00	60.00	0.4675	182.7850
5.25	92.0	13.800	0.0732	7.32	0.9268	1067.4574	129.2792	202.00	62.00	0.4796	181.0931
5.50	94.0	14.100	0.0767	7.67	0.9233	1071.4885	131.5926	203.00	63.00	0.4788	180.8642
5.75	95.0	14.250	0.0802	8.02	0.9198	1075.5503	132.4903	203.00	63.00	0.4755	181.1634
6.00	96.0	14.400	0.0837	8.37	0.9163	1079.6429	133.3774	204.00	64.00	0.4798	180.4591
6.25	98.0	14.700	0.0872	8.72	0.9128	1083.7669	135.6380	204.00	64.00	0.4718	181.2127
6.50	98.0	14.700	0.0907	9.07	0.9093	1087.9224	135.1199	204.00	64.00	0.4737	181.0400
6.75	98.0	14.700	0.0941	9.41	0.9059	1092.1099	134.6018	204.00	64.00	0.4755	180.8673
7.00	99.0	14.850	0.0976	9.76	0.9024	1096.3298	135.4519	205.00	65.00	0.4799	180.1506
7.25	99.0	14.850	0.1011	10.11	0.8989	1100.5825	134.9286	206.00	66.00	0.4891	178.9762
7.50	99.5	14.925	0.1046	10.46	0.8954	1104.8682	135.0840	207.00	67.00	0.4960	178.0280
7.75	99.5	14.925	0.1081	10.81	0.8919	1109.1875	134.5580	207.00	67.00	0.4979	177.8527
8.00	100.0	15.000	0.1116	11.16	0.8884	1113.5407	134.7055	208.00	68.00	0.5048	176.9018
8.25	100.0	15.000	0.1151	11.51	0.8849	1117.9282	134.1768	208.00	68.00	0.5068	176.7256
8.50	100.5	15.075	0.1185	11.85	0.8815	1122.3503	134.3163	209.00	69.00	0.5137	175.7721
8.75	101.0	15.150	0.1220	12.20	0.8780	1126.8076	134.4506	209.00	69.00	0.5132	175.8169
9.00	101.0	15.150	0.1255	12.55	0.8745	1131.3005	133.9167	209.00	69.00	0.5152	175.6389
9.25	101.0	15.150	0.1290	12.90	0.8710	1135.8293	133.3827	209.00	69.00	0.5173	175.4609
9.50	101.0	15.150	0.1325	13.25	0.8675	1140.3946	132.8488	209.00	69.00	0.5194	175.2829
9.75	101.0	15.150	0.1360	13.60	0.8640	1144.9966	132.3148	208.00	68.00	0.5139	176.1049
10.00	101.0	15.150	0.1395	13.95	0.8605	1149.6360	131.7808	208.00	68.00	0.5160	175.9269

DATA TRIAKSIAL KOMPRESI
Sampel 3 ($\sigma_3' = 300$ Kpa)
Kadar Air 140% Tahap I

Tinggi Sampel (L_0) : 71.6 mm
Luas Penampang : 978.18 mm²
Diameter Sampel : 35.3 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L /$ L_0	Strain ε (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta\sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	\bar{A} $\Delta u / \Delta\sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	978.1807	0.0000	139.00	0.00		300.0000
0.25	30.0	4.500	0.0035	0.35	0.9965	981.6081	45.8431	149.00	10.00	0.2181	305.2810
0.50	41.0	6.150	0.0070	0.70	0.9930	985.0596	62.4328	158.00	19.00	0.3043	301.8109
0.75	52.0	7.800	0.0105	1.05	0.9895	988.5354	78.9046	167.00	28.00	0.3549	298.3015
1.00	61.0	9.150	0.0140	1.40	0.9860	992.0359	92.2346	176.00	37.00	0.4012	293.7449
1.25	69.0	10.350	0.0175	1.75	0.9825	995.5613	103.9615	184.00	45.00	0.4329	289.6538
1.50	76.0	11.400	0.0209	2.09	0.9791	999.1118	114.1013	191.00	52.00	0.4557	286.0338
1.75	83.0	12.450	0.0244	2.44	0.9756	1002.6877	124.1663	197.00	58.00	0.4671	283.3888
2.00	90.0	13.500	0.0279	2.79	0.9721	1006.2893	134.1563	202.00	63.00	0.4696	281.7188
2.25	96.0	14.400	0.0314	3.14	0.9686	1009.9169	142.5860	206.00	67.00	0.4699	280.5287
2.50	101.0	15.150	0.0349	3.49	0.9651	1013.5707	149.4716	210.00	71.00	0.4750	278.8239
2.75	105.0	15.750	0.0384	3.84	0.9616	1017.2510	154.8290	212.00	73.00	0.4715	278.6097
3.00	109.0	16.350	0.0419	4.19	0.9581	1020.9582	160.1437	214.00	75.00	0.4683	278.3812
3.25	112.0	16.800	0.0454	4.54	0.9546	1024.6925	163.9516	214.00	75.00	0.4575	279.6505
3.50	114.0	17.100	0.0489	4.89	0.9511	1028.4543	166.2689	215.00	76.00	0.4571	279.4230
3.75	116.0	17.400	0.0524	5.24	0.9476	1032.2437	168.5648	216.00	77.00	0.4568	279.1883
4.00	118.0	17.700	0.0559	5.59	0.9441	1036.0612	170.8393	217.00	78.00	0.4566	278.9464
4.25	119.0	17.850	0.0594	5.94	0.9406	1039.9070	171.6500	217.00	78.00	0.4544	279.2167
4.50	120.0	18.000	0.0628	6.28	0.9372	1043.7814	172.4499	217.00	78.00	0.4523	279.4833
4.75	122.0	18.300	0.0663	6.63	0.9337	1047.6849	174.6708	218.00	79.00	0.4523	279.2236
5.00	123.0	18.450	0.0698	6.98	0.9302	1051.6176	175.4440	218.00	79.00	0.4503	279.4813
5.25	124.0	18.600	0.0733	7.33	0.9267	1055.5800	176.2064	218.00	79.00	0.4483	279.7355
5.50	126.0	18.900	0.0768	7.68	0.9232	1059.5724	178.3738	218.00	79.00	0.4429	280.4579
5.75	127.0	19.050	0.0803	8.03	0.9197	1063.5951	179.1095	219.00	80.00	0.4467	279.7032
6.00	128.0	19.200	0.0838	8.38	0.9162	1067.6484	179.8345	220.00	81.00	0.4504	278.9448
6.25	128.0	19.200	0.0873	8.73	0.9127	1071.7327	179.1491	220.00	81.00	0.4521	278.7164
6.50	129.0	19.350	0.0908	9.08	0.9092	1075.8485	179.8580	220.00	81.00	0.4504	278.9527
6.75	131.0	19.650	0.0943	9.43	0.9057	1079.9959	181.9451	220.00	81.00	0.4452	279.6484
7.00	132.0	19.800	0.0978	9.78	0.9022	1084.1755	182.6273	221.00	82.00	0.4490	278.8758
7.25	132.0	19.800	0.1013	10.13	0.8987	1088.3875	181.9205	221.00	82.00	0.4507	278.6402
7.50	132.0	19.800	0.1047	10.47	0.8953	1092.6324	181.2137	221.00	82.00	0.4525	278.4046
7.75	133.0	19.950	0.1082	10.82	0.8918	1096.9105	181.8745	221.00	82.00	0.4509	278.6248
8.00	133.0	19.950	0.1117	11.17	0.8883	1101.2222	181.1623	222.00	83.00	0.4582	277.3874
8.25	133.5	20.025	0.1152	11.52	0.8848	1105.5680	181.1286	222.00	83.00	0.4582	277.3762
8.50	134.0	20.100	0.1187	11.87	0.8813	1109.9482	181.0895	222.00	83.00	0.4583	277.3632
8.75	134.0	20.100	0.1222	12.22	0.8778	1114.3633	180.3721	222.00	83.00	0.4602	277.1240
9.00	134.0	20.100	0.1257	12.57	0.8743	1118.8137	179.6546	222.00	83.00	0.4620	276.8849
9.25	134.5	20.175	0.1292	12.92	0.8708	1123.2997	179.6048	222.00	83.00	0.4621	276.8683
9.50	134.0	20.100	0.1327	13.27	0.8673	1127.8218	178.2196	222.00	83.00	0.4657	276.4065
9.75	134.0	20.100	0.1362	13.62	0.8638	1132.3805	177.5022	222.00	83.00	0.4676	276.1674
10.00	134.0	20.100	0.1397	13.97	0.8603	1136.9762	176.7847	222.00	83.00	0.4695	275.9282

DATA TRIAKSIAL KOMPRESI
Sampel 1 ($\sigma_3' = 100$ Kpa)
Kadar Air 140% Tahap II

Tinggi Sampel (L_0) : 70.55 mm
Luas Penampang : 1124.61 mm²
Diameter Sampel : 37.85 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L / L_0$	Strain ε (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta\sigma$ (kPa)	Pore Pressure (kPa)	U	Δu (kPa)	\bar{A} $\Delta u / \Delta\sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	1124.6087	0.0000	140.00		0.00		100.0000
0.25	40.0	6.000	0.0035	0.35	0.9965	1128.6080	53.1628	157.00		17.00	0.3198	100.7209
0.50	62.0	9.300	0.0071	0.71	0.9929	1132.6358	82.1094	162.00		22.00	0.2679	105.3698
0.75	72.0	10.800	0.0106	1.06	0.9894	1136.6926	95.0125	168.00		28.00	0.2947	103.6708
1.00	84.0	12.600	0.0142	1.42	0.9858	1140.7784	110.4509	173.00		33.00	0.2988	103.8170
1.25	92.0	13.800	0.0177	1.77	0.9823	1144.8938	120.5352	178.00		38.00	0.3153	102.1784
1.50	98.0	14.700	0.0213	2.13	0.9787	1149.0390	127.9330	183.00		43.00	0.3361	99.6443
1.75	104.0	15.600	0.0248	2.48	0.9752	1153.2143	135.2741	188.00		48.00	0.3548	97.0914
2.00	110.0	16.500	0.0283	2.83	0.9717	1157.4200	142.5584	189.00		49.00	0.3437	98.5195
2.25	114.0	17.100	0.0319	3.19	0.9681	1161.6565	147.2036	190.00		50.00	0.3397	99.0679
2.50	117.0	17.550	0.0354	3.54	0.9646	1165.9242	150.5244	192.00		52.00	0.3455	98.1748
2.75	121.0	18.150	0.0390	3.90	0.9610	1170.2233	155.0986	193.00		53.00	0.3417	98.6995
3.00	125.0	18.750	0.0425	4.25	0.9575	1174.5543	159.6350	195.00		55.00	0.3445	98.2117
3.25	128.0	19.200	0.0461	4.61	0.9539	1178.9174	162.8613	197.00		57.00	0.3500	97.2871
3.50	131.0	19.650	0.0496	4.96	0.9504	1183.3131	166.0592	198.00		58.00	0.3493	97.3531
3.75	134.0	20.100	0.0532	5.32	0.9468	1187.7416	169.2287	199.00		59.00	0.3486	97.4096
4.00	137.0	20.550	0.0567	5.67	0.9433	1192.2035	172.3699	199.00		59.00	0.3423	98.4566
4.25	139.0	20.850	0.0602	6.02	0.9398	1196.6990	174.2293	199.00		59.00	0.3386	99.0764
4.50	140.0	21.000	0.0638	6.38	0.9362	1201.2285	174.8210	199.00		59.00	0.3375	99.2737
4.75	142.0	21.300	0.0673	6.73	0.9327	1205.7924	176.6473	199.00		59.00	0.3340	99.8824
5.00	143.0	21.450	0.0709	7.09	0.9291	1210.3912	177.2154	199.00		59.00	0.3329	100.0718
5.25	144.0	21.600	0.0744	7.44	0.9256	1215.0251	177.7741	199.00		59.00	0.3319	100.2580
5.50	144.0	21.600	0.0780	7.80	0.9220	1219.6947	177.0935	199.00		59.00	0.3332	100.0312
5.75	145.0	21.750	0.0815	8.15	0.9185	1224.4003	177.6380	199.00		59.00	0.3321	100.2127
6.00	145.0	21.750	0.0850	8.50	0.9150	1229.1424	176.9526	198.00		58.00	0.3278	100.9842
6.25	146.0	21.900	0.0886	8.86	0.9114	1233.9213	177.4830	198.00		58.00	0.3268	101.1610
6.50	146.0	21.900	0.0921	9.21	0.9079	1238.7376	176.7929	198.00		58.00	0.3281	100.9310
6.75	147.0	22.050	0.0957	9.57	0.9043	1243.5916	177.3090	198.00		58.00	0.3271	101.1030
7.00	147.5	22.125	0.0992	9.92	0.9008	1248.4837	177.2150	198.00		58.00	0.3273	101.0717
7.25	148.0	22.200	0.1028	10.28	0.8972	1253.4146	177.1162	198.00		58.00	0.3275	101.0387
7.50	148.0	22.200	0.1063	10.63	0.8937	1258.3845	176.4167	198.00		58.00	0.3288	100.8056
7.75	148.0	22.200	0.1099	10.99	0.8901	1263.3940	175.7172	198.00		58.00	0.3301	100.5724
8.00	148.0	22.200	0.1134	11.34	0.8866	1268.4435	175.0176	198.00		58.00	0.3314	100.3392
8.25	148.0	22.200	0.1169	11.69	0.8831	1273.5336	174.3181	198.00		58.00	0.3327	100.1060
8.50	147.0	22.050	0.1205	12.05	0.8795	1278.6646	172.4455	198.00		58.00	0.3363	99.4818
8.75	147.0	22.050	0.1240	12.40	0.8760	1283.8372	171.7507	198.00		58.00	0.3377	99.2502
9.00	147.0	22.050	0.1276	12.76	0.8724	1289.0518	171.0560	198.00		58.00	0.3391	99.0187
9.25	147.0	22.050	0.1311	13.11	0.8689	1294.3090	170.3612	198.00		58.00	0.3405	98.7871
9.50	147.0	22.050	0.1347	13.47	0.8653	1299.6092	169.6664	198.00		58.00	0.3418	98.5555
9.75	147.0	22.050	0.1382	13.82	0.8618	1304.9530	168.9716	198.00		58.00	0.3433	98.3239
10.00	147.0	22.050	0.1417	14.17	0.8583	1310.3409	168.2768	198.00		58.00	0.3447	98.0923

DATA TRIAKSIAL KOMPRESI

Sampel 2 ($\sigma_3' = 200$ Kpa)

Kadar Air 140% Tahap II

Tinggi Sampel (L_0) : 70.58 mmLuas Penampang : 1121.64 mm²

Diameter Sampel : 37.8 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L / L_0$	Strain ϵ (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta\sigma$ (kPa)	Pore Pressure (kPa)	U	Δu (kPa)	\bar{A} $\Delta u/\Delta\sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	1121.6394	0.0000	140.00		0.00		200.0000
0.25	45.0	6.750	0.0035	0.35	0.9965	1125.6265	59.9666	153.00		13.00	0.2168	206.9889
0.50	66.0	9.900	0.0071	0.71	0.9929	1129.6420	87.6384	164.00		24.00	0.2739	205.2128
0.75	80.0	12.000	0.0106	1.06	0.9894	1133.6862	105.8494	170.00		30.00	0.2834	205.2831
1.00	90.0	13.500	0.0142	1.42	0.9858	1137.7595	118.6542	178.00		38.00	0.3203	201.5514
1.25	99.0	14.850	0.0177	1.77	0.9823	1141.8622	130.0507	184.00		44.00	0.3383	199.3502
1.50	110.0	16.500	0.0213	2.13	0.9787	1145.9946	143.9797	188.00		48.00	0.3334	199.9932
1.75	120.0	18.000	0.0248	2.48	0.9752	1150.1570	156.5004	194.00		54.00	0.3450	198.1668
2.00	128.0	19.200	0.0283	2.83	0.9717	1154.3498	166.3274	199.00		59.00	0.3547	196.4425
2.25	135.0	20.250	0.0319	3.19	0.9681	1158.5732	174.7839	203.00		63.00	0.3604	195.2613
2.50	141.0	21.150	0.0354	3.54	0.9646	1162.8277	181.8842	206.00		66.00	0.3629	194.6281
2.75	146.0	21.900	0.0390	3.90	0.9610	1167.1135	187.6424	208.00		68.00	0.3624	194.5475
3.00	151.0	22.650	0.0425	4.25	0.9575	1171.4310	193.3533	208.00		68.00	0.3517	196.4511
3.25	156.0	23.400	0.0460	4.60	0.9540	1175.7806	199.0167	209.00		69.00	0.3467	197.3389
3.50	160.0	24.000	0.0496	4.96	0.9504	1180.1626	203.3618	210.00		70.00	0.3442	197.7873
3.75	164.0	24.600	0.0531	5.31	0.9469	1184.5774	207.6690	211.00		71.00	0.3419	198.2230
4.00	168.0	25.200	0.0567	5.67	0.9433	1189.0254	211.9383	213.00		73.00	0.3444	197.6461
4.25	170.0	25.500	0.0602	6.02	0.9398	1193.5068	213.6561	210.00		70.00	0.3276	201.2187
4.50	172.0	25.800	0.0638	6.38	0.9362	1198.0222	215.3549	212.00		72.00	0.3343	199.7850
4.75	174.0	26.100	0.0673	6.73	0.9327	1202.5719	217.0348	214.00		74.00	0.3410	198.3449
5.00	176.0	26.400	0.0708	7.08	0.9292	1207.1563	218.6958	215.00		75.00	0.3429	197.8986
5.25	178.0	26.700	0.0744	7.44	0.9256	1211.7757	220.3378	216.00		76.00	0.3449	197.4459
5.50	180.0	27.000	0.0779	7.79	0.9221	1216.4307	221.9609	217.00		77.00	0.3469	196.9870
5.75	181.0	27.150	0.0815	8.15	0.9185	1221.1215	222.3366	218.00		78.00	0.3508	196.1122
6.00	182.0	27.300	0.0850	8.50	0.9150	1225.8487	222.7029	219.00		79.00	0.3547	195.2343
6.25	184.0	27.600	0.0886	8.86	0.9114	1230.6126	224.2785	219.00		79.00	0.3522	195.7595
6.50	185.0	27.750	0.0921	9.21	0.9079	1235.4137	224.6211	220.00		80.00	0.3562	194.8737
6.75	185.0	27.750	0.0956	9.56	0.9044	1240.2524	223.7448	221.00		81.00	0.3620	193.5816
7.00	186.0	27.900	0.0992	9.92	0.9008	1245.1291	224.0731	221.00		81.00	0.3615	193.6910
7.25	186.0	27.900	0.1027	10.27	0.8973	1250.0444	223.1921	222.00		82.00	0.3674	192.3974
7.50	186.0	27.900	0.1063	10.63	0.8937	1254.9986	222.3110	223.00		83.00	0.3734	191.1037
7.75	186.0	27.900	0.1098	10.98	0.8902	1259.9922	221.4299	218.00		78.00	0.3523	195.8100
8.00	185.0	27.750	0.1133	11.33	0.8867	1265.0257	219.3631	218.00		78.00	0.3556	195.1210
8.25	185.0	27.750	0.1169	11.69	0.8831	1270.0996	218.4868	218.00		78.00	0.3570	194.8289
8.50	185.0	27.750	0.1204	12.04	0.8796	1275.2144	217.6105	218.00		78.00	0.3584	194.5368
8.75	185.0	27.750	0.1240	12.40	0.8760	1280.3705	216.7341	217.00		77.00	0.3553	195.2447
9.00	184.0	27.600	0.1275	12.75	0.8725	1285.5685	214.6910	217.00		77.00	0.3587	194.5637
9.25	184.0	27.600	0.1311	13.11	0.8689	1290.8089	213.8194	217.00		77.00	0.3601	194.2731
9.50	184.0	27.600	0.1346	13.46	0.8654	1296.0922	212.9478	217.00		77.00	0.3616	193.9826
9.75	184.0	27.600	0.1381	13.81	0.8619	1301.4189	212.0762	217.00		77.00	0.3631	193.6921
10.00	184.0	27.600	0.1417	14.17	0.8583	1306.7895	211.2046	217.00		77.00	0.3646	193.4015

Lampiran 2 : Uji Triaksial CU Kadar Air 140 %

DATA TRIAKSIAL KOMPRESI
 Sampel 3 ($\sigma_3' = 300$ Kpa)
 Kadar Air 140% Tahap II

Tinggi Sampel (L_0) : 70.57 mm
 Luas Penampang : 1109.8 mm²
 Diameter Sampel : 37.67 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L / L_0$	Strain ϵ (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta\sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	\bar{A} $\Delta u / \Delta\sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	1109.8016	0.0000	139.00	0.00		300.0000
0.25	50.0	7.500	0.0035	0.35	0.9965	1113.7471	67.3402	152.00	13.00	0.1930	309.4467
0.50	69.0	10.350	0.0071	0.71	0.9929	1117.7208	92.5992	167.00	28.00	0.3024	302.8664
0.75	86.0	12.900	0.0106	1.06	0.9894	1121.7230	115.0017	176.00	37.00	0.3217	301.3339
1.00	96.0	14.400	0.0142	1.42	0.9858	1125.7539	127.9143	185.00	46.00	0.3596	296.6381
1.25	105.0	15.750	0.0177	1.77	0.9823	1129.8139	139.4035	194.00	55.00	0.3945	291.4678
1.50	119.0	17.850	0.0213	2.13	0.9787	1133.9033	157.4208	203.00	64.00	0.4066	288.4736
1.75	128.0	19.200	0.0248	2.48	0.9752	1138.0224	168.7137	207.00	68.00	0.4030	288.2379
2.00	137.0	20.550	0.0283	2.83	0.9717	1142.1715	179.9204	210.00	71.00	0.3946	288.9735
2.25	140.0	21.000	0.0319	3.19	0.9681	1146.3510	183.1900	211.00	72.00	0.3930	289.0633
2.50	147.0	22.050	0.0354	3.54	0.9646	1150.5612	191.6456	212.00	73.00	0.3809	290.8819
2.75	154.0	23.100	0.0390	3.90	0.9610	1154.8024	200.0342	213.00	74.00	0.3699	292.6781
3.00	159.0	23.850	0.0425	4.25	0.9575	1159.0750	205.7675	215.00	76.00	0.3693	292.5892
3.25	168.0	25.200	0.0461	4.61	0.9539	1163.3794	216.6103	216.00	77.00	0.3555	295.2034
3.50	175.0	26.250	0.0496	4.96	0.9504	1167.7158	224.7978	217.00	78.00	0.3470	296.9326
3.75	180.0	27.000	0.0531	5.31	0.9469	1172.0847	230.3588	218.00	79.00	0.3429	297.7863
4.00	186.0	27.900	0.0567	5.67	0.9433	1176.4864	237.1468	219.00	80.00	0.3373	299.0489
4.25	189.0	28.350	0.0602	6.02	0.9398	1180.9213	240.0668	219.00	80.00	0.3332	300.0223
4.50	190.0	28.500	0.0638	6.38	0.9362	1185.3897	240.4273	219.00	80.00	0.3327	300.1424
4.75	192.0	28.800	0.0673	6.73	0.9327	1189.8921	242.0388	220.00	81.00	0.3347	299.6796
5.00	194.0	29.100	0.0709	7.09	0.9291	1194.4288	243.6311	220.00	81.00	0.3325	300.2104
5.25	196.0	29.400	0.0744	7.44	0.9256	1199.0003	245.2043	223.00	84.00	0.3426	297.7348
5.50	199.0	29.850	0.0779	7.79	0.9221	1203.6069	248.0046	225.00	86.00	0.3468	296.6682
5.75	201.0	30.150	0.0815	8.15	0.9185	1208.2490	249.5347	227.00	88.00	0.3527	295.1782
6.00	202.0	30.300	0.0850	8.50	0.9150	1212.9270	249.8089	229.00	90.00	0.3603	293.2696
6.25	203.0	30.450	0.0886	8.86	0.9114	1217.6415	250.0736	230.00	91.00	0.3639	292.3579
6.50	205.5	30.825	0.0921	9.21	0.9079	1222.3927	252.1694	231.00	92.00	0.3648	292.0565
6.75	206.0	30.900	0.0956	9.56	0.9044	1227.1811	251.7966	232.00	93.00	0.3693	290.9322
7.00	207.0	31.050	0.0992	9.92	0.9008	1232.0072	252.0277	233.00	94.00	0.3730	290.0092
7.25	207.0	31.050	0.1027	10.27	0.8973	1236.8714	251.0366	234.00	95.00	0.3784	288.6789
7.50	208.0	31.200	0.1063	10.63	0.8937	1241.7742	251.2534	235.00	96.00	0.3821	287.7511
7.75	209.0	31.350	0.1098	10.98	0.8902	1246.7160	251.4606	235.00	96.00	0.3818	287.8202
8.00	210.5	31.575	0.1134	11.34	0.8866	1251.6973	252.2575	235.00	96.00	0.3806	288.0858
8.25	210.0	31.500	0.1169	11.69	0.8831	1256.7185	250.6528	236.00	97.00	0.3870	286.5509
8.50	211.0	31.650	0.1204	12.04	0.8796	1261.7802	250.8361	236.00	97.00	0.3867	286.6120
8.75	211.0	31.650	0.1240	12.40	0.8760	1266.8829	249.8258	236.00	97.00	0.3883	286.2753
9.00	212.0	31.800	0.1275	12.75	0.8725	1272.0269	249.9947	235.00	96.00	0.3840	287.3316
9.25	213.0	31.950	0.1311	13.11	0.8689	1277.2130	250.1541	235.00	96.00	0.3838	287.3847
9.50	213.0	31.950	0.1346	13.46	0.8654	1282.4414	249.1342	235.00	96.00	0.3853	287.0447
9.75	213.0	31.950	0.1382	13.82	0.8618	1287.7129	248.1143	235.00	96.00	0.3869	286.7048
10.00	213.0	31.950	0.1417	14.17	0.8583	1293.0279	247.0944	235.00	96.00	0.3885	286.3648

DATA TRIAKSIAL KOMPRESI
Sampel 1 ($\sigma_3' = 100$ Kpa)
Kadar Air 140% Tahap III

Tinggi Sampel (L_0) : 72.3 mm
Luas Penampang : 993.76 mm²
Diameter Sampel : 35.58 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L /$ L_0	Strain ϵ (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta \sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	\bar{A} $\Delta u / \Delta \sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	993.7601	0.0000	140.00	0.00		100.0000
0.25	32.0	4.800	0.0035	0.35	0.9965	997.2082	48.1344	145.00	5.00	0.1039	111.0448
0.50	54.0	8.100	0.0069	0.69	0.9931	1000.6804	80.9449	148.00	8.00	0.0988	118.9816
0.75	68.0	10.200	0.0104	1.04	0.9896	1004.1768	101.5757	164.00	24.00	0.2363	109.8586
1.00	79.0	11.850	0.0138	1.38	0.9862	1007.6978	117.5948	168.00	28.00	0.2381	111.1983
1.25	89.0	13.350	0.0173	1.73	0.9827	1011.2435	132.0157	169.00	29.00	0.2197	115.0052
1.50	99.0	14.850	0.0207	2.07	0.9793	1014.8143	146.3322	174.00	34.00	0.2323	114.7774
1.75	107.0	16.050	0.0242	2.42	0.9758	1018.4104	157.5985	179.00	39.00	0.2475	113.5328
2.00	112.0	16.800	0.0277	2.77	0.9723	1022.0321	164.3784	184.00	44.00	0.2677	110.7928
2.25	120.0	18.000	0.0311	3.11	0.9689	1025.6796	175.4934	188.00	48.00	0.2735	110.4978
2.50	125.0	18.750	0.0346	3.46	0.9654	1029.3532	182.1532	192.00	52.00	0.2855	108.7177
2.75	129.0	19.350	0.0380	3.80	0.9620	1033.0532	187.3088	196.00	56.00	0.2990	106.4363
3.00	134.0	20.100	0.0415	4.15	0.9585	1036.7800	193.8695	198.00	58.00	0.2992	106.6232
3.25	139.0	20.850	0.0450	4.50	0.9550	1040.5337	200.3779	199.00	59.00	0.2944	107.7926
3.50	144.0	21.600	0.0484	4.84	0.9516	1044.3147	206.8342	199.00	59.00	0.2853	109.9447
3.75	148.0	22.200	0.0519	5.19	0.9481	1048.1233	211.8071	200.00	60.00	0.2833	110.6024
4.00	151.0	22.650	0.0553	5.53	0.9447	1051.9598	215.3124	200.00	60.00	0.2787	111.7708
4.25	154.0	23.100	0.0588	5.88	0.9412	1055.8244	218.7864	199.00	59.00	0.2697	113.9288
4.50	157.0	23.550	0.0622	6.22	0.9378	1059.7176	222.2290	198.00	58.00	0.2610	116.0763
4.75	159.0	23.850	0.0657	6.57	0.9343	1063.6396	224.2301	198.00	58.00	0.2587	116.7434
5.00	161.0	24.150	0.0692	6.92	0.9308	1067.5907	226.2103	198.00	58.00	0.2564	117.4034
5.25	162.0	24.300	0.0726	7.26	0.9274	1071.5713	226.7698	198.00	58.00	0.2558	117.5899
5.50	163.0	24.450	0.0761	7.61	0.9239	1075.5816	227.3189	198.00	58.00	0.2551	117.7730
5.75	164.0	24.600	0.0795	7.95	0.9205	1079.6221	227.8575	198.00	58.00	0.2545	117.9525
6.00	164.0	24.600	0.0830	8.30	0.9170	1083.6931	227.0015	198.00	58.00	0.2555	117.6672
6.25	164.0	24.600	0.0864	8.64	0.9136	1087.7949	226.1456	198.00	58.00	0.2565	117.3819
6.50	164.0	24.600	0.0899	8.99	0.9101	1091.9279	225.2896	198.00	58.00	0.2574	117.0965
6.75	163.0	24.450	0.0934	9.34	0.9066	1096.0923	223.0651	198.00	58.00	0.2600	116.3550
7.00	163.0	24.450	0.0968	9.68	0.9032	1100.2887	222.2144	198.00	58.00	0.2610	116.0715

DATA TRIAKSIAL KOMPRESI
Sampel 2 ($\sigma'_v = 200$ Kpa)
Kadar Air 140% Tahap III

Tinggi Sampel (L_0) : 72.3 mm
Luas Penampang : 993.76 mm²
Diameter Sampel : 35.58 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L /$ L_0	Strain ϵ (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta \sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	\bar{A} $\Delta u / \Delta \sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	993.7601	0.0000	140.00	0.00		200.0000
0.25	31.0	4.650	0.0035	0.35	0.9965	997.2082	46.6302	148.00	8.00	0.1716	207.5434
0.50	52.0	7.800	0.0069	0.69	0.9931	1000.6804	77.9470	155.00	15.00	0.1924	210.9823
0.75	69.0	10.350	0.0104	1.04	0.9896	1004.1768	103.0695	161.00	21.00	0.2037	213.3565
1.00	80.0	12.000	0.0138	1.38	0.9862	1007.6978	119.0833	168.00	28.00	0.2351	211.6944
1.25	92.0	13.800	0.0173	1.73	0.9827	1011.2435	136.4656	174.00	34.00	0.2491	211.4885
1.50	106.0	15.900	0.0207	2.07	0.9793	1014.8143	156.6789	179.00	39.00	0.2489	213.2263
1.75	114.0	17.100	0.0242	2.42	0.9758	1018.4104	167.9087	182.00	42.00	0.2501	213.9696
2.00	122.0	18.300	0.0277	2.77	0.9723	1022.0321	179.0550	185.00	45.00	0.2513	214.6850
2.25	128.0	19.200	0.0311	3.11	0.9689	1025.6796	187.1930	187.00	47.00	0.2511	215.3977
2.50	135.0	20.250	0.0346	3.46	0.9654	1029.3532	196.7255	190.00	50.00	0.2542	215.5752
2.75	143.0	21.450	0.0380	3.80	0.9620	1033.0532	207.6369	193.00	53.00	0.2553	216.2123
3.00	148.0	22.200	0.0415	4.15	0.9585	1036.7800	214.1245	196.00	56.00	0.2615	215.3748
3.25	154.0	23.100	0.0450	4.50	0.9550	1040.5337	222.0015	199.00	59.00	0.2658	215.0005
3.50	159.0	23.850	0.0484	4.84	0.9516	1044.3147	228.3794	201.00	61.00	0.2671	215.1265
3.75	164.0	24.600	0.0519	5.19	0.9481	1048.1233	234.7052	202.00	62.00	0.2642	216.2351
4.00	169.0	25.350	0.0553	5.53	0.9447	1051.9598	240.9788	204.00	64.00	0.2656	216.3263
4.25	173.0	25.950	0.0588	5.88	0.9412	1055.8244	245.7795	205.00	65.00	0.2645	216.9265
4.50	177.0	26.550	0.0622	6.22	0.9378	1059.7176	250.5384	206.00	66.00	0.2634	217.5128
4.75	181.0	27.150	0.0657	6.57	0.9343	1063.6396	255.2556	206.00	66.00	0.2586	219.0852
5.00	185.0	27.750	0.0692	6.92	0.9308	1067.5907	259.9311	207.00	67.00	0.2578	219.6437
5.25	189.0	28.350	0.0726	7.26	0.9274	1071.5713	264.5648	208.00	68.00	0.2570	220.1883
5.50	191.0	28.650	0.0761	7.61	0.9239	1075.5816	266.3675	209.00	69.00	0.2590	219.7892
5.75	193.0	28.950	0.0795	7.95	0.9205	1079.6221	268.1494	210.00	70.00	0.2610	219.3831
6.00	195.0	29.250	0.0830	8.30	0.9170	1083.6931	269.9104	210.00	70.00	0.2593	219.9701
6.25	196.0	29.400	0.0864	8.64	0.9136	1087.7949	270.2715	210.00	70.00	0.2590	220.0905
6.50	196.0	29.400	0.0899	8.99	0.9101	1091.9279	269.2486	210.00	70.00	0.2600	219.7495
6.75	195.0	29.250	0.0934	9.34	0.9066	1096.0923	266.8571	210.00	70.00	0.2623	218.9524

Lampiran 2 : Uji Triaksial CU Kadar Air 140 %

DATA TRIAKSIAL KOMPRESI
 Sampel 3 ($\sigma_3' = 300$ Kpa)
 Kadar Air 140% Tahap III

Tinggi Sampel (L_0) : 72.3 mm
 Luas Penampang : 993.76 mm²
 Diameter Sampel : 35.58 mm

Displacement ΔL (mm)	Load Dial	Piston Load P (kg)	$\Delta L /$ L_0	Strain ϵ (%)	Area Correction Factor	Corrected Area (mm ²)	Deviator Stress $\Delta \sigma$ (kPa)	Pore Pressure U (kPa)	Δu (kPa)	\bar{A} $\Delta u / \Delta \sigma$	p' (kPa)
0.00	0.0	0.000	0.0000	0.00	1.0000	993.7601	0.0000	140.00	0.00		200.0000
0.25	31.0	4.650	0.0035	0.35	0.9965	997.2082	46.6302	148.00	8.00	0.1716	207.5434
0.50	52.0	7.800	0.0069	0.69	0.9931	1000.6804	77.9470	155.00	15.00	0.1924	210.9823
0.75	69.0	10.350	0.0104	1.04	0.9896	1004.1768	103.0695	161.00	21.00	0.2037	213.3565
1.00	80.0	12.000	0.0138	1.38	0.9862	1007.6978	119.0833	168.00	28.00	0.2351	211.6944
1.25	92.0	13.800	0.0173	1.73	0.9827	1011.2435	136.4656	174.00	34.00	0.2491	211.4885
1.50	106.0	15.900	0.0207	2.07	0.9793	1014.8143	156.6789	179.00	39.00	0.2489	213.2263
1.75	114.0	17.100	0.0242	2.42	0.9758	1018.4104	167.9087	182.00	42.00	0.2501	213.9696
2.00	122.0	18.300	0.0277	2.77	0.9723	1022.0321	179.0550	185.00	45.00	0.2513	214.6850
2.25	128.0	19.200	0.0311	3.11	0.9689	1025.6796	187.1930	187.00	47.00	0.2511	215.3977
2.50	135.0	20.250	0.0346	3.46	0.9654	1029.3532	196.7255	190.00	50.00	0.2542	215.5752
2.75	143.0	21.450	0.0380	3.80	0.9620	1033.0532	207.6369	193.00	53.00	0.2553	216.2123
3.00	148.0	22.200	0.0415	4.15	0.9585	1036.7800	214.1245	196.00	56.00	0.2615	215.3748
3.25	154.0	23.100	0.0450	4.50	0.9550	1040.5337	222.0015	199.00	59.00	0.2658	215.0005
3.50	159.0	23.850	0.0484	4.84	0.9516	1044.3147	228.3794	201.00	61.00	0.2671	215.1265
3.75	164.0	24.600	0.0519	5.19	0.9481	1048.1233	234.7052	202.00	62.00	0.2642	216.2351
4.00	169.0	25.350	0.0553	5.53	0.9447	1051.9598	240.9788	204.00	64.00	0.2656	216.3263
4.25	173.0	25.950	0.0588	5.88	0.9412	1055.8244	245.7795	205.00	65.00	0.2645	216.9265
4.50	177.0	26.550	0.0622	6.22	0.9378	1059.7176	250.5384	206.00	66.00	0.2634	217.5128
4.75	181.0	27.150	0.0657	6.57	0.9343	1063.6396	255.2556	206.00	66.00	0.2586	219.0852
5.00	185.0	27.750	0.0692	6.92	0.9308	1067.5907	259.9311	207.00	67.00	0.2578	219.6437
5.25	189.0	28.350	0.0726	7.26	0.9274	1071.5713	264.5648	208.00	68.00	0.2570	220.1883
5.50	191.0	28.650	0.0761	7.61	0.9239	1075.5816	266.3675	209.00	69.00	0.2590	219.7892
5.75	193.0	28.950	0.0795	7.95	0.9205	1079.6221	268.1494	210.00	70.00	0.2610	219.3831
6.00	195.0	29.250	0.0830	8.30	0.9170	1083.6931	269.9104	210.00	70.00	0.2593	219.9701
6.25	196.0	29.400	0.0864	8.64	0.9136	1087.7949	270.2715	210.00	70.00	0.2590	220.0905
6.50	196.0	29.400	0.0899	8.99	0.9101	1091.9279	269.2486	210.00	70.00	0.2600	219.7495
6.75	195.0	29.250	0.0934	9.34	0.9066	1096.0923	266.8571	210.00	70.00	0.2623	218.9524