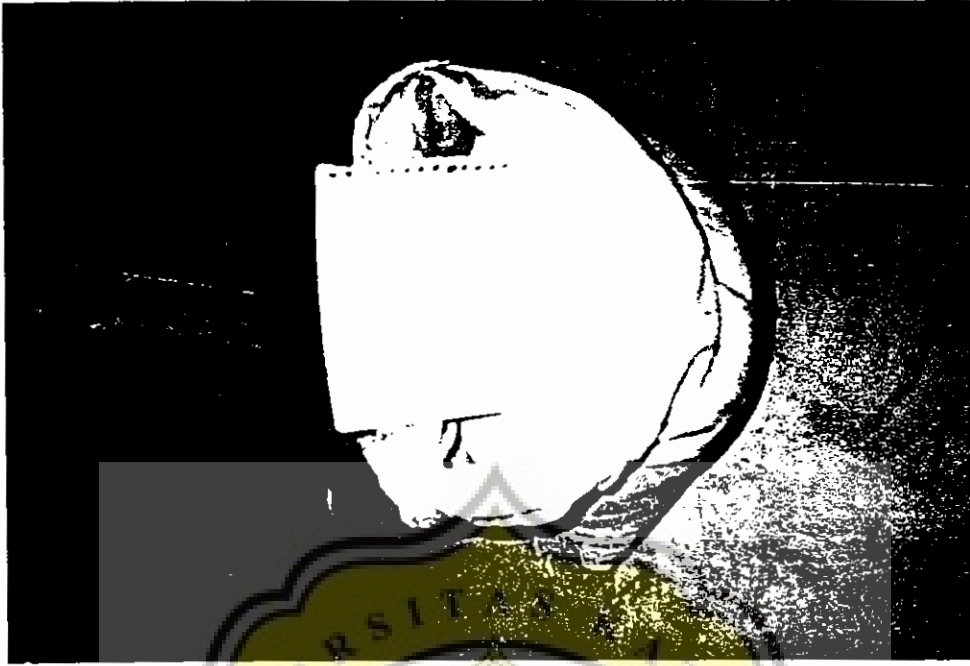


GAMBAR



Gambar 1 - Sampel A



Gambar 2. Sampel B



Gambar 4. Sampel E



Gambar 3. Sampel D



Gambar 5. Neraca Analitis Dengan Ketelitian 0,1 gram dan Cawan



Gambar 6 Oven



Ciambar 7. Pignometer dan Termometer

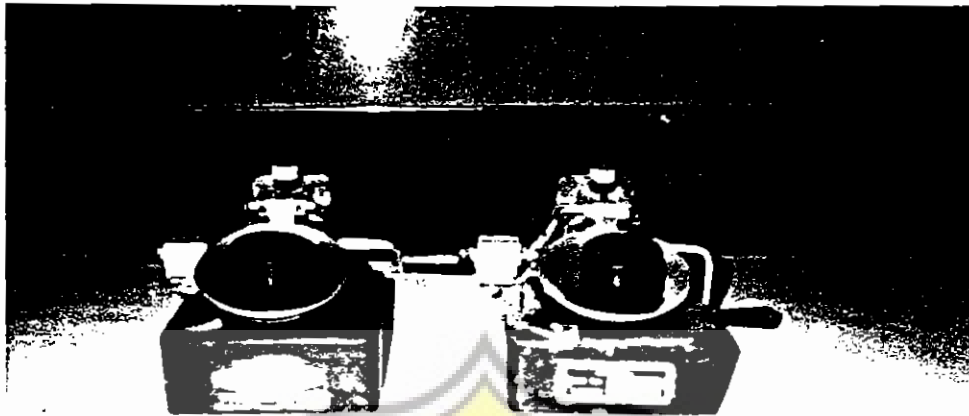
Ciambar 8. Mesin Penggetar E



Gambar 9. Gelas Ukur 1000 cc dan Hichrometer



Gambar 10. Mixer



Gambar 11. Cassagrande dan Grooving Tool



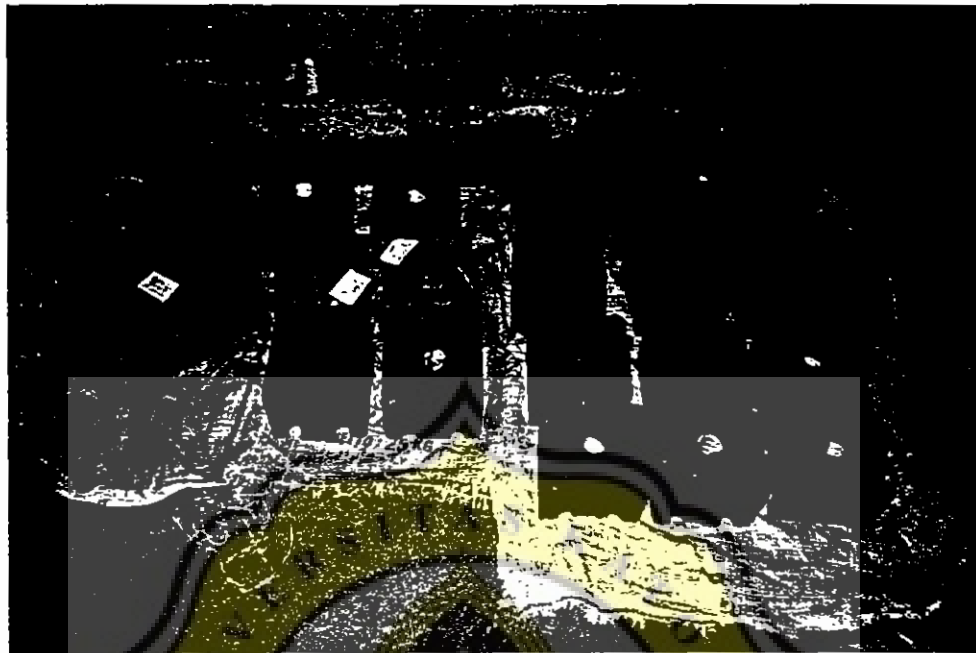
Gambar 12. Alat pencetak Bata Bertautan (Lock Brick)



Gambar 13. Pemasukan Tanah Ke Dalam Alat Cetak Bata Bertautan (Lock Brick)



Gambar 14. Bata Bertautan (Lock Brick) yang Telah Dicetak



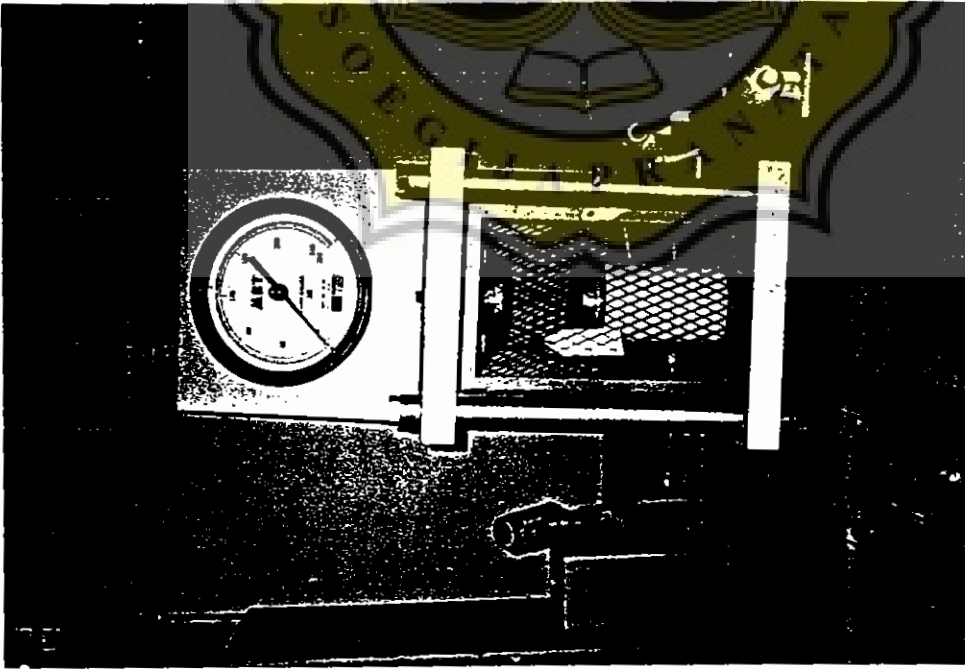
Gambar 15. Proses Perawatan Bata Bertautan Dengan Cara Didiamkan (Secara Angin-Anginan)



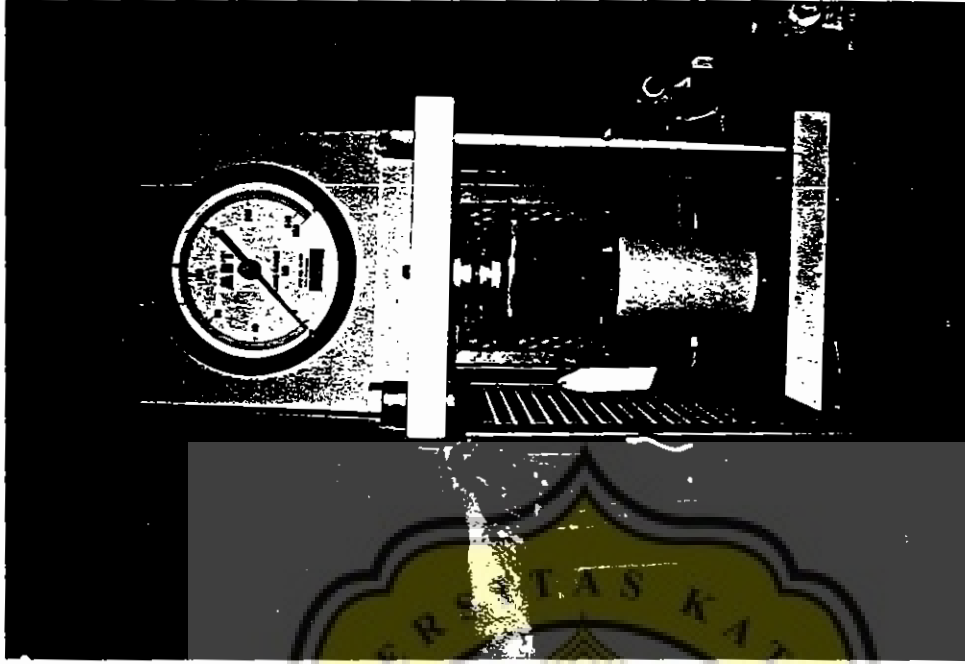
Gambar 16. Proses Perawatan Bata Bertautan Dengan Cara Ditutupi Koran dan Diperciki Air



Gambar 17. Bata Bertautan (Lock Brick) yang telah dicaping



Gambar 18. Alat Uji Kuat Tekan



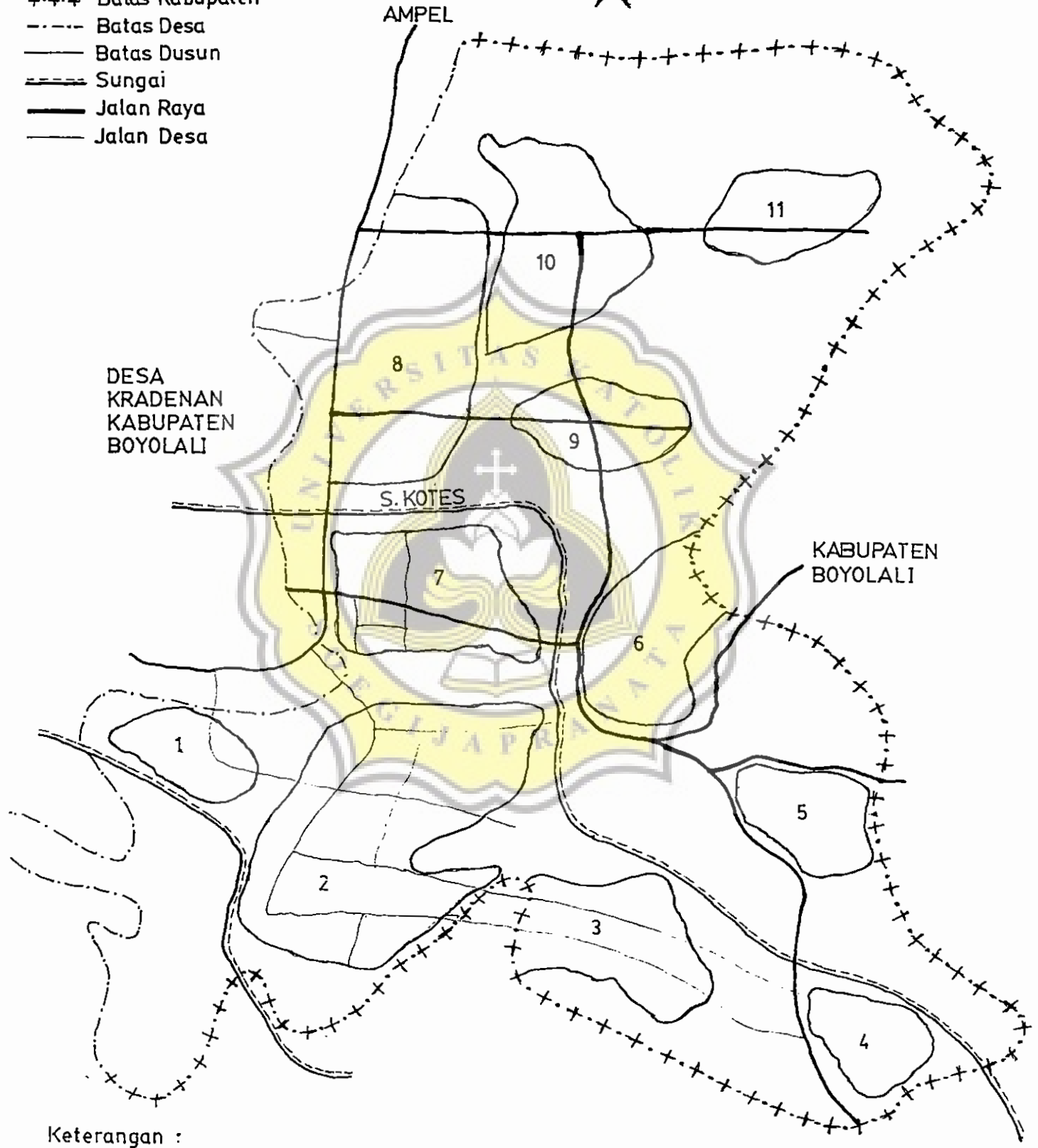
Gambar 19. Bata Bertautan (Lock Brick) yang Siap
Dites Kuat Tekan



PETA DESA PAPRINGAN KECAMATAN SUSUKAN KABUPATEN SEMARANG

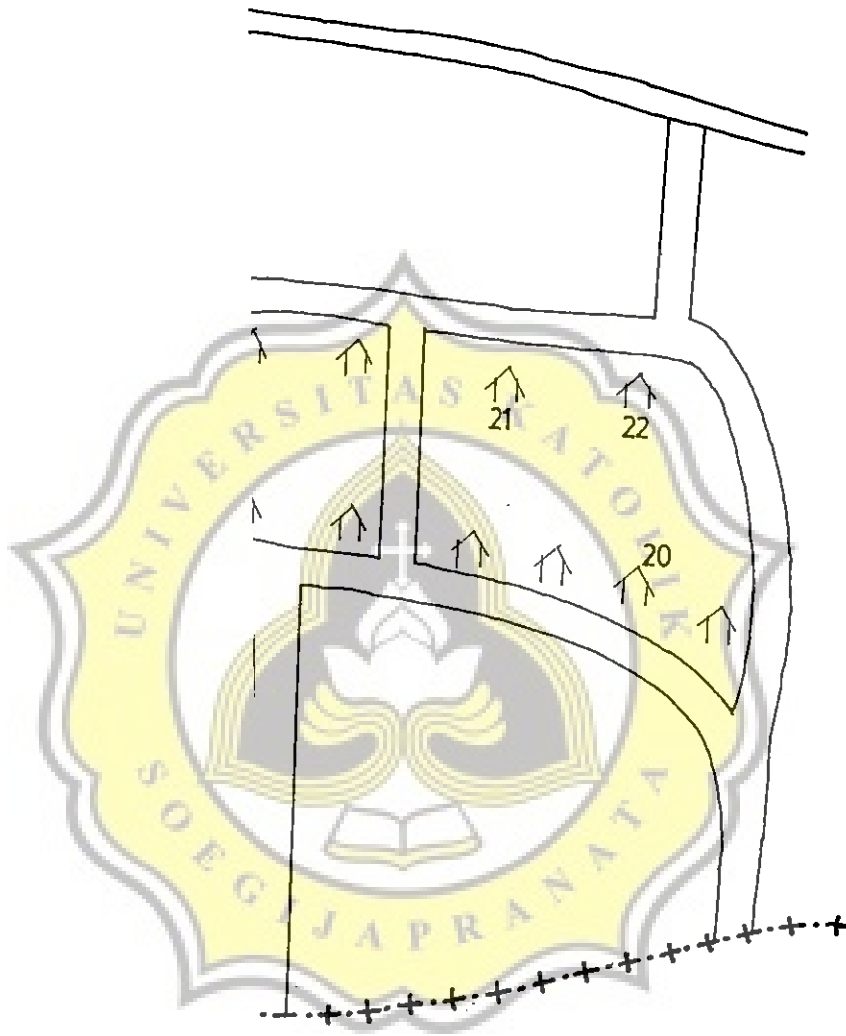
Legenda :

- + + + + Batas Kabupaten
- - - - Batas Desa
- — — — Batas Dusun
- == == Sungai
- — — — Jalan Raya
- — — — Jalan Desa



Keterangan :

- | | | | |
|-------------|-------------|--------------|-------------|
| 1. Mejing | 4. Pacean | 7. Bestrikan | 10. Serut |
| 2. Kadirejo | 5. Miri | 8. Papringan | 11. Tanjung |
| 3. Kaporan | 6. Wonogiri | 9. Langkap | |



TABEL. : KOREKSI TEMPERATUR

Satuan Derajat	1 / 10 Derajat				
	0	1	2	3	4
25	1,00301	1,00303	1,00305	1,00307	1,00310
26	1,00324	1,00326	1,00329	1,00331	1,00334
27	1,00349	1,00351	1,00353	1,00356	1,00359
28	1,00374	1,00378	1,00379	1,00382	1,00384
29	1,00400	1,00403	1,00406	1,00408	1,00411
30	1,00428	1,00430	1,00433	1,00436	1,00439
31	1,00456	1,00459	1,00462	1,00464	1,00467
32	1,00485	1,00488	1,00491	1,00494	1,00497
33	1,00515	1,00518	1,00521	1,00524	1,00527
34	1,00546	1,00549	1,00552	1,00554	1,00558

Satuan Derajat	1 / 10 Derajat				
	5	6	7	8	9
25	1,00312	1,00314	1,00317	1,00319	1,00322
26	1,00336	1,00338	1,00341	1,00343	1,00346
27	1,00361	1,00364	1,00366	1,00368	1,00371
28	1,00387	1,00390	1,00392	1,00395	1,00398
29	1,00414	1,00416	1,00419	1,00422	1,00425
30	1,00442	1,00445	1,00448	1,00450	1,00453
31	1,00470	1,00473	1,00476	1,00479	1,00482
32	1,00500	1,00403	1,00506	1,00509	1,00512
33	1,00530	1,00533	1,00536	1,00539	1,00542
34	1,00562	1,00565	1,00568	1,00571	1,00574

Tabel 5.2
Correction Factors a for
Unit Weight of Solids

Unit weight of Soil Slids (g/cm ³)	Correction Factor a
2.85	0.96
2.80	0.97
2.75	0.98
2.70	0.99
2.65	1.00
2.60	1.01
2.55	1.02
2.50	1.03

Tabel 5.3
Temperature Correction
Factors C_T

Temp. (°C)	C _T
15	-1.10
16	-0.90
17	-0.70
18	-0.50
19	-0.30
20	0.00
21	+0.20
22	+0.40
23	+0.70
24	+1.00
25	+1.30
26	+1.65
27	+2.00
28	+2.50
29	+3.05
30	+3.80

Tabel 5.5
Values of L (Effective Depth) for Use in Slokes for Diameters of Particles for ASTM
Soil Hydrometer 15211.
of Solids and Temperature Combination

Original Hydrometer Reading (Correction for Meniscus Only)	Effective Depth L (cm)	Original Hydrometer Reading (Correction for Meniscus Only	Effective Depth L (cm)	Original Hydrometer Reading (Correction for Meniscus Only	Effective Depth L (cm)
0	16.3	21	12.9	42	9.4
1	16.1	22	12.7	43	9.2
2	16.0	23	12.5	44	9.1
3	15.8	24	12.4	45	8.9
4	15.6	25	12.2	46	8.8
5	15.5	26	12.0	47	8.6
6	15.3	27	11.9	48	8.4
7	15.2	28	11.7	49	8.3
8	15.0	29	11.5	50	8.1
9	14.8	30	11.4	51	7.9
10	14.7	31	11.2	52	7.8
11	14.5	32	11.1	53	7.6
12	14.3	33	10.9	54	7.4
13	14.2	34	10.7	55	7.3
14	14.0	35	10.5	56	7.1
15	13.8	36	10.4	57	7.0
16	13.7	37	10.2	58	6.8
17	13.5	38	10.1	59	6.6
18	13.3	39	9.9	60	6.5
19	13.2	40	9.7		
20	13.0	41	9.6		

Tabel 5.1

Properties of Distilled Water

Temp. (C)	Unit Weight of water (g/cm)	Viscosity of water (poises)
4	1.00000	0,01567
16	0,99897	0,01111
17	0,99880	0,01083
18	0,99862	0,01056
19	0,99844	0,01030
20	0,99823	0,01005
21	0,99802	0,00981
22	0,99780	0,00958
23	0,99757	0,00936
24	0,99733	0,00914
25	0,99708	0,00894
26	0,99682	0,00874
27	0,99655	0,00855
28	0,99627	0,00836
29	0,99598	0,00818
30	0,99568	0,00801

Tabel 5.4

Values of K Use in Eq. (6 - 8a) for Several Unit Weight
of Solids and Temperature Combination

Temp. (C)	UNIT WEIGHT OF SOLID (G/CM)							
	2,50	2,55	2,60	2,65	2,70	2,75	2,80	2,85
15	0,0151	0,0148	0,0146	0,0144	0,0141	0,0139	0,0137	0,0136
17	0,0149	0,0146	0,0144	0,0142	0,0140	0,0138	0,0136	0,0134
19	0,0148	0,0144	0,0142	0,0140	0,0138	0,0136	0,0134	0,0132
20	0,0145	0,0143	0,0140	0,0138	0,0136	0,0134	0,0132	0,0131
21	0,0143	0,0141	0,0139	0,0137	0,0134	0,0133	0,0131	0,0129
21	0,0141	0,0139	0,0137	0,0135	0,0133	0,0131	0,0129	0,0127
22	0,0140	0,0137	0,0135	0,0133	0,0131	0,0129	0,0128	0,0126
23	0,0138	0,0136	0,0134	0,0132	0,0130	0,0128	0,0126	0,0124
24	0,0137	0,0134	0,0132	0,0130	0,0128	0,0126	0,0125	0,0123
25	0,0135	0,0133	0,0131	0,0129	0,0127	0,0125	0,0123	0,0122
26	0,0133	0,0131	0,0129	0,0127	0,0125	0,0124	0,0122	0,0120
27	0,0132	0,0130	0,0128	0,0126	0,0124	0,0122	0,0120	0,0119
28	0,0130	0,0128	0,0126	0,0124	0,0123	0,0121	0,0119	0,0117
29	0,0129	0,0127	0,0125	0,0123	0,0121	0,0120	0,0118	0,0116
30	0,0128	0,0126	0,0124	0,0124	0,0122	0,0118	0,0117	0,0115