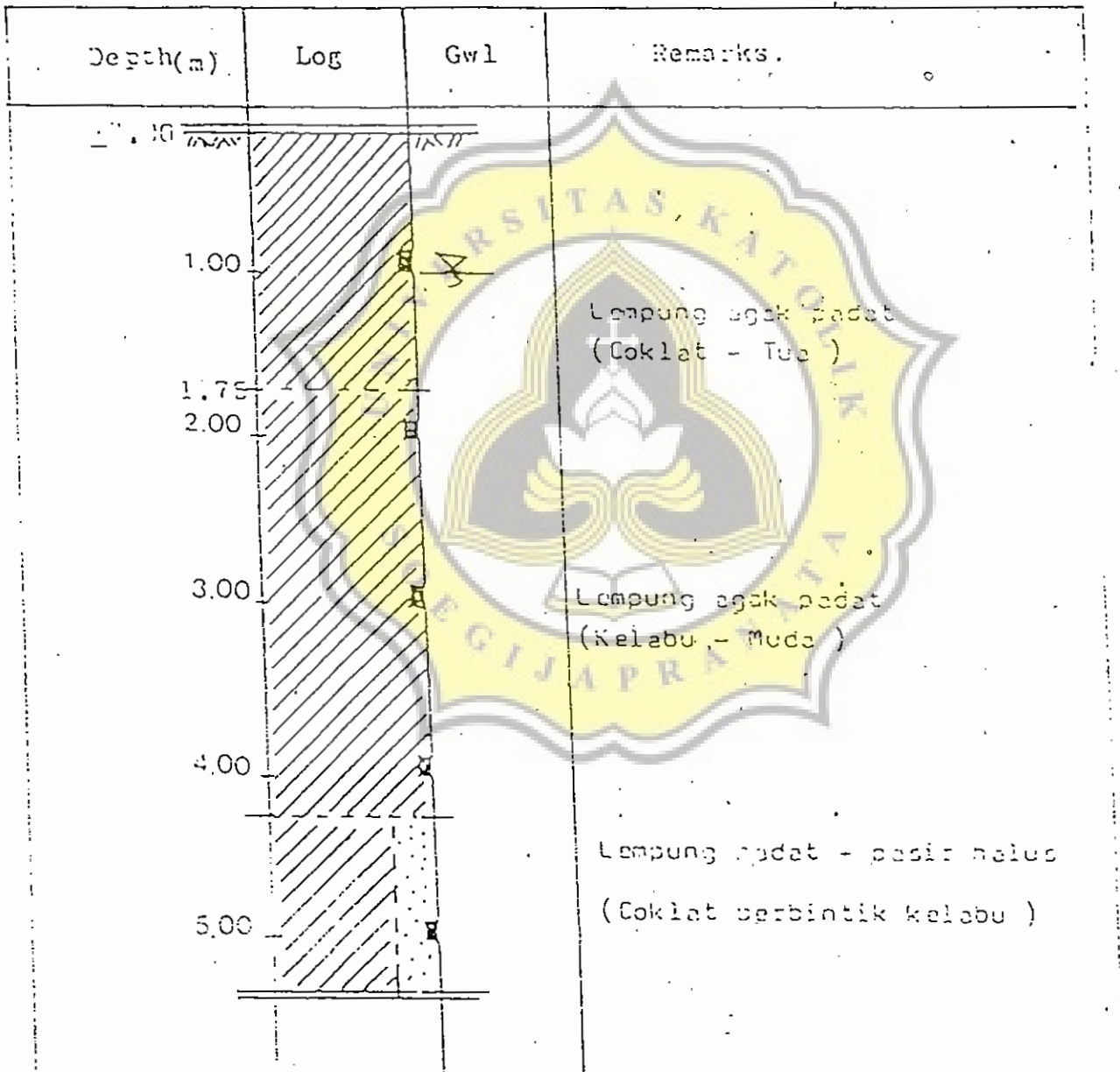


Soil Profile

Project : REDUNG 1218
 Location : JL. KARULU
 SEMARANG
 Sample code : 3.I

Date : 21/XI/1999



Lampiran 1: Soil Profile

PHYSICAL PROPERTIES

No. Sample: G.I
 Project: GEDUNG BARU AMIK
 Location: JL. NAKULA - SEMARANG
 Date of Test: 23/XI/1992
 Tested by: UD

1. Depth (m)	1.00	2.00	3.00	4.00	5.00
2. Specific gravity (Gs)	2,269	2,119	2,196	2,357	2,107
3. Cont. Number	1	2	3	4	5
4. Wt. of wet soil + cont. gr.	43,45	49,20	43,38	51,25	48,35
5. Wt. of dry soil + cont. gr.	38,30	39,04	34,70	40,00	37,43
6. Wt. of cont. gr.	18,13	18,51	18,15	18,71	17,83
7. Wt. of water gr.	7,15	8,36	8,68	11,15	10,92
8. Wt. of dry soil gr.	18,17	21,33	16,54	21,09	18,50
9. Water content %	39,35	43,66	52,47	55,05	56,00
10. Volume of void Vv. cm ³	7,15	9,36	8,68	11,95	10,92
11. Volume of solid Vs. cm ³	8,00	10,08	7,56	10,84	8,25
12. Total of volume cm ³	15,15	19,44	16,24	22,79	18,17
13. Wet density gr/cm ³	1,071	1,578	1,552	1,405	1,538
14. Dry density gr/cm ³	1,199	1,097	1,018	0,984	0,988
15. Void ratio e.	0,954	0,928	1,148	1,177	1,140
16. Porosity n. %	47,19	48,14	53,44	48,13	54,11

Lampiran 2; Physical Properties

DIRECT SHEAR TEST

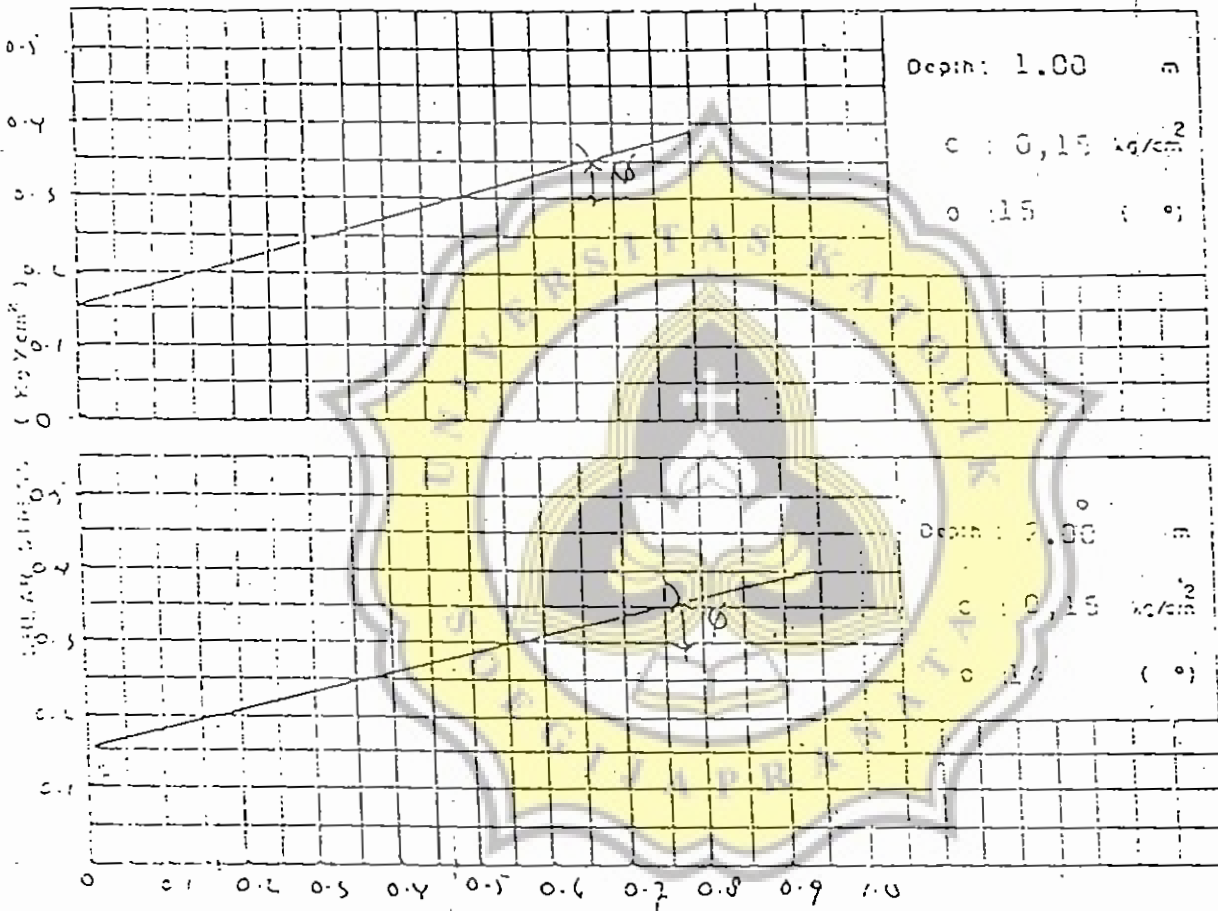
Name : B.I

Date of test : 23/XI/1992

Project : GEOUNG AMIK

Tested by : W0

Location : DULANULA - SEMARANG



NORMAL STRESS (Kg/cm²)

Test No :	1			2		
	Normal Stress (kg/cm ²)	0,169	0,314	0,459	0,169	0,314
Shear Stress (kg/cm ²)	0,200	0,250	0,290	0,200	0,240	0,280

DIRECT SHEAR TEST

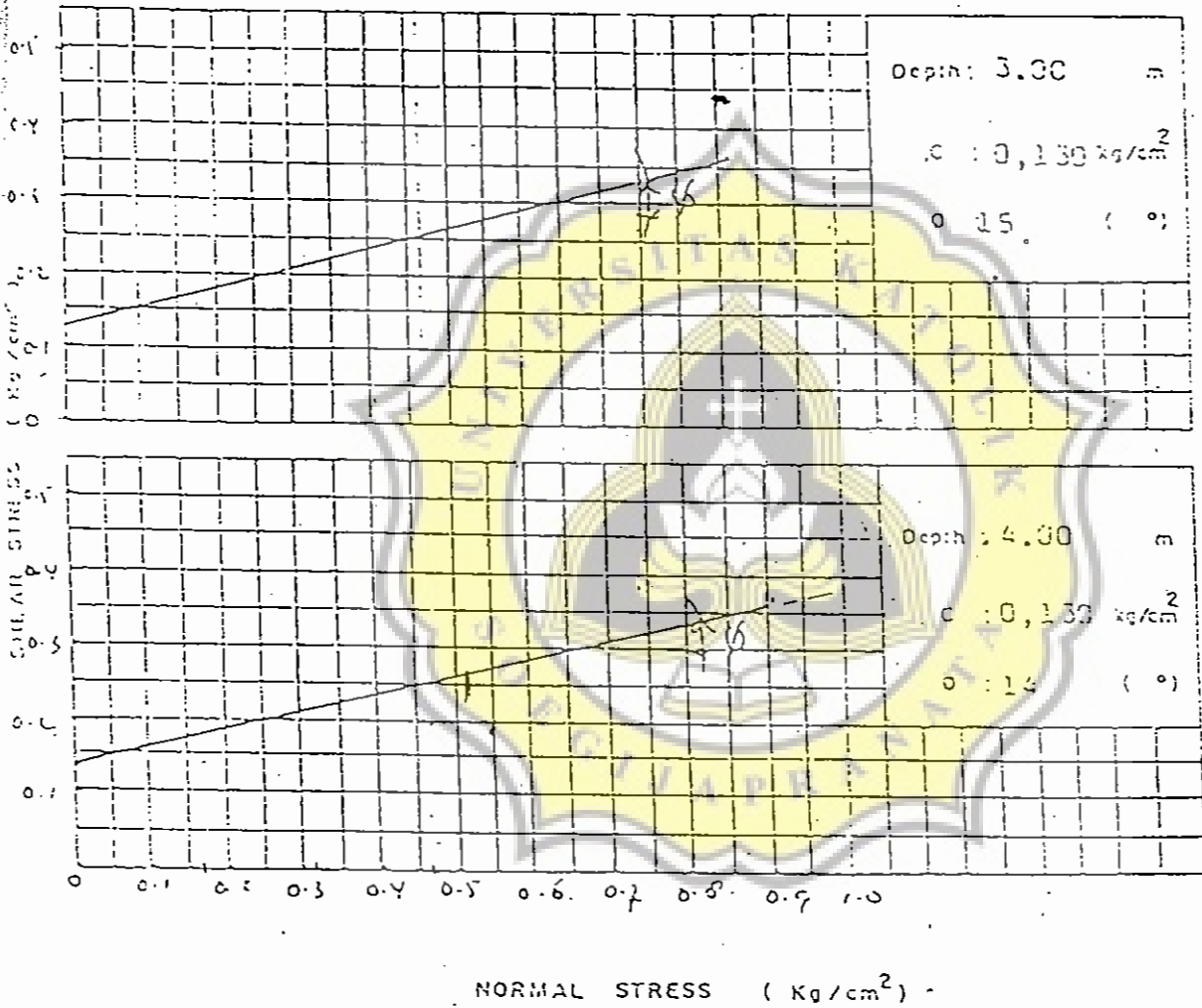
Ring no : S.I

Date of test : 23/XI/1992

Project : GEOUNG AMIK

Tested by : UD

Location : JL. NAKULA - SEMARANG



Test No :	3			4			
Normal Stress	kg/cm ²	0,160	0,314	0,459	0,160	0,314	0,459
Shear Stress	kg/cm ²	0,170	0,210	0,250	0,100	0,230	0,250

Lampiran 4 : Direct Shear Test 2

DIRECT SHEAR TEST

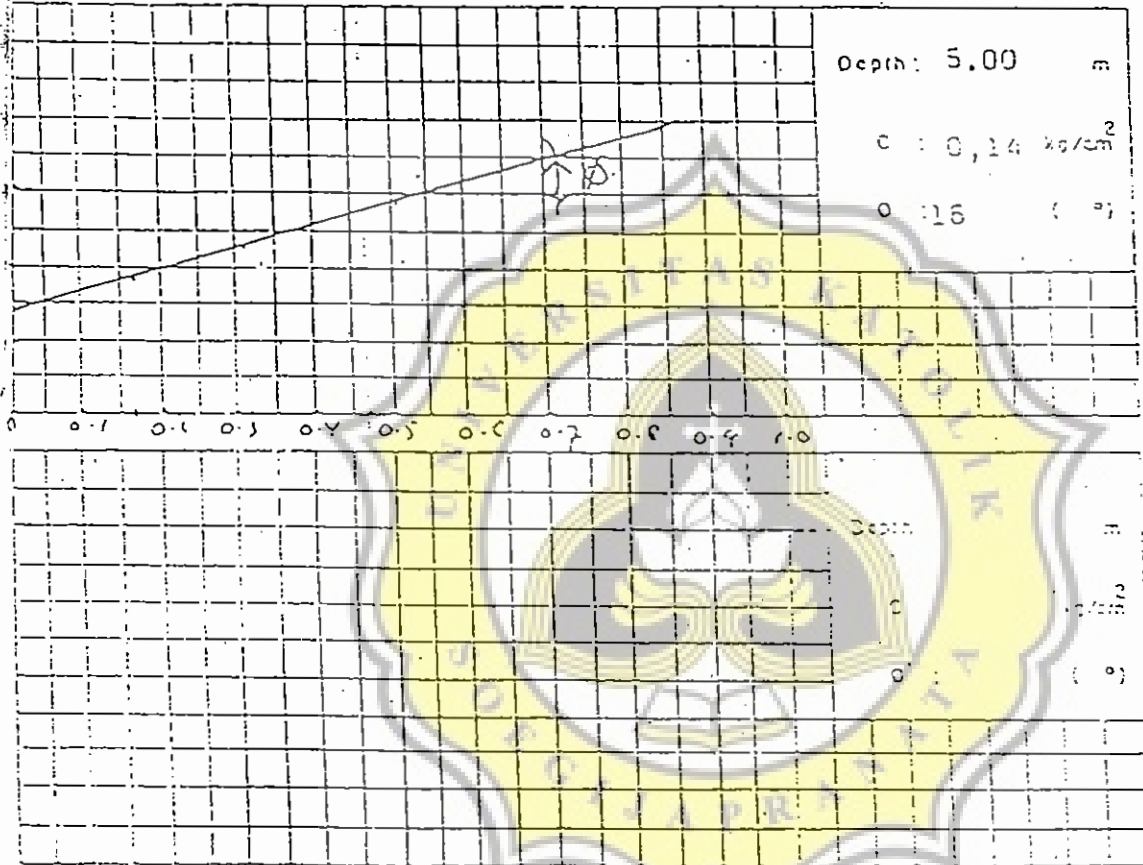
no : B.1

Date of test : 23/XI/1992

loc : GEDUNG AMIK

Tested by : UD

lon : JL. MANULA - SEMARANG



NORMAL STRESS (Kg/cm²)

No	S				
1	Stress	kg/cm ²	0,169	0,314	0,459
2	Stress	kg/cm ²	0,190	0,230	0,280

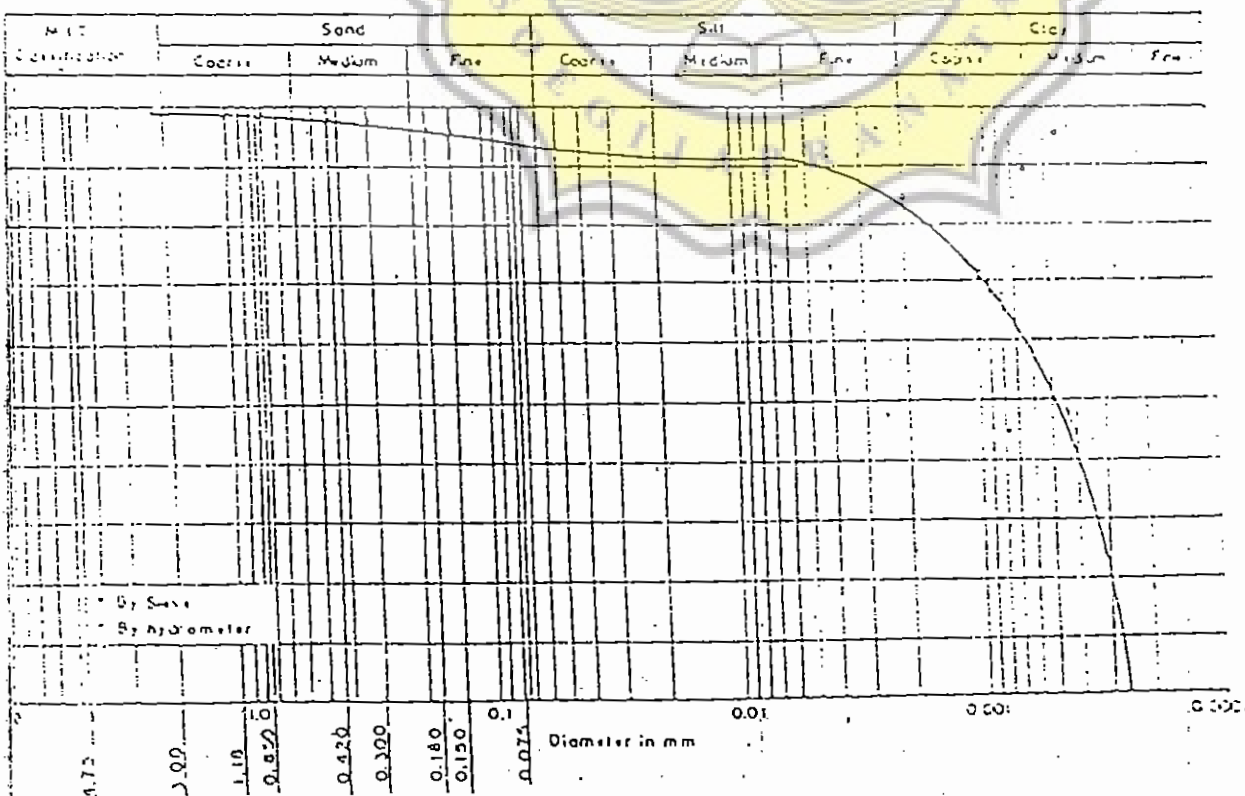
SIEVE ANALYSIS

READING BARU
 AMIK
 ANKILA - SEMARANG
 SAMPLE DEPTH 2,00 m

SOIL SAMPLE WEIGHT
 CONTAINER NO. 2
 WT. CONTAINER + DRY SOIL IN g 120,75
 WT. CONTAINER IN g 20,75
 WT. DRY SOIL W. IN g 100,00

TEST NO. _____
 DATE 24/XI/1992
 TESTED BY IS

SOIL OPENING IN mm	WT. SEIVE IN g	WT. SEIVE + SOIL IN g.	WT. SOIL RETAINED IN g	PERCENT RETAINED	CUMULATIVE PERCENT RETAINED	PERCENT FINER
4,75	497,0	497,00	-	-	-	100,00
2,00	420,0	420,46	0,46	0,46	0,46	99,54
1,18	420,0	420,31	0,31	0,31	0,77	99,23
0,850	400,0	400,24	0,24	0,24	1,01	98,99
0,420	385,0	385,44	0,44	0,44	1,45	98,55
0,300	360,0	360,23	0,23	0,23	1,68	98,32
0,150	350,0	360,55	0,55	0,55	2,23	97,77
0,075	333,0	333,21	0,21	0,21	2,44	97,56
0,075	318,0	318,02	0,02	0,02	2,46	97,54



Lampiran 6 : Sieve Analysis 1

SIEVE ANALYSIS

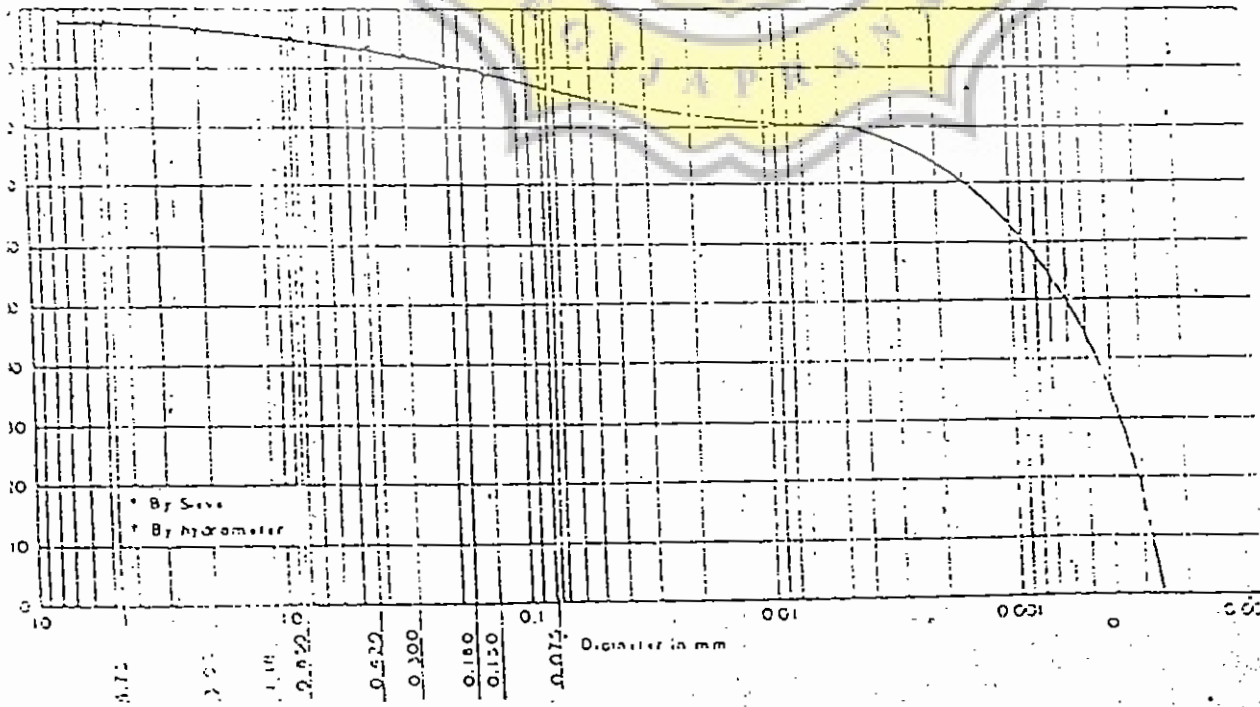
NO. GEOLING BARI
 AMIK
 L. NAKULA - SEMARANG
 SAMPLE DEPTH 1,00 m
 CITY G.

SOIL SAMPLE WEIGHT
 CONTAINER NO. 5
 WT. CONTAINER + DRY SOIL IN g 170,70
 WT. CONTAINER IN g 79,70
 WT. DRY SOIL W_s V_s 100,00

TEST NO.
 DATE 24/XI/1992
 TESTED BY I.S.

SEIVE OPENING W. mm	WT SEIVE IN g	WT. SEIVE + SOIL IN g	WT SOIL RETAINED IN g	PERCENT RETAINED	CUMULATIVE PERCENT RETAINED	PERCENT FINER
4,75	497,0	498,98	1,98	1,98	1,98	98,02
2,00	420,0	421,44	1,44	1,44	3,42	96,58
1,18	420,0	420,90	0,90	0,90	4,32	95,68
0,850	400,0	400,60	0,60	0,60	4,92	95,08
0,420	385,0	387,32	2,32	2,32	7,24	92,76
0,300	350,0	351,60	1,60	1,60	8,84	91,16
0,180	360,0	362,00	2,00	2,00	10,84	89,16
0,150	333,0	333,52	0,52	0,52	11,36	88,64
0,075	318,0	318,11	0,11	0,11	11,47	88,53

M.T. Classification	Sand		Silt			Clay	
	Medium	Fine	Coarse	Medium	Fine	Some	Medium



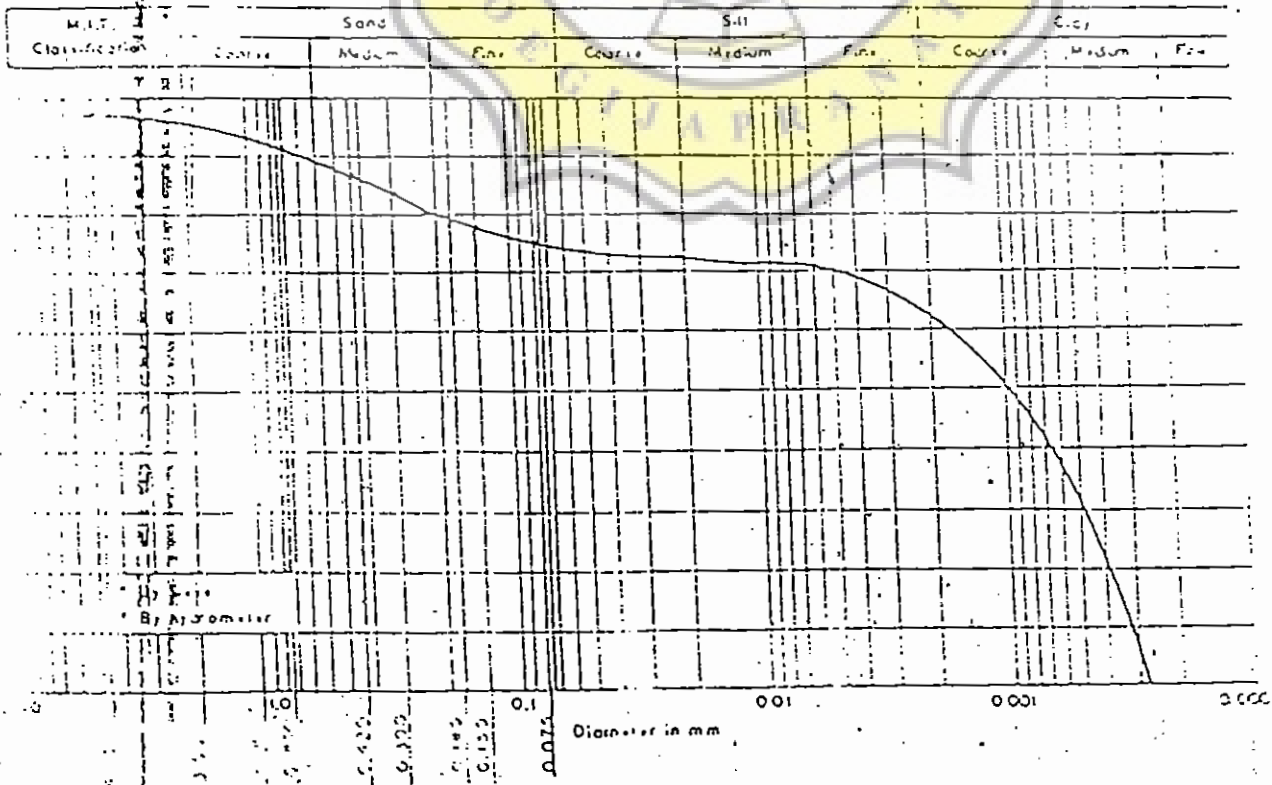
SIEVE ANALYSIS

NO. GEONING HARAU
AMIK
MANULA - SEMARANG
 SAMPLE DEPTH 5,00
 CITY G

SOIL SAMPLE WEIGHT
 CONTAINER NO. 1
 WT. CONTAINER + DRY SOIL IN g 127,87
 WT. CONTAINER IN g 27,87
 WT. DRY SOIL 100,00
 W_s W_c

TEST NO. _____
 DATE 24/XT/1962
 TESTED BY IS

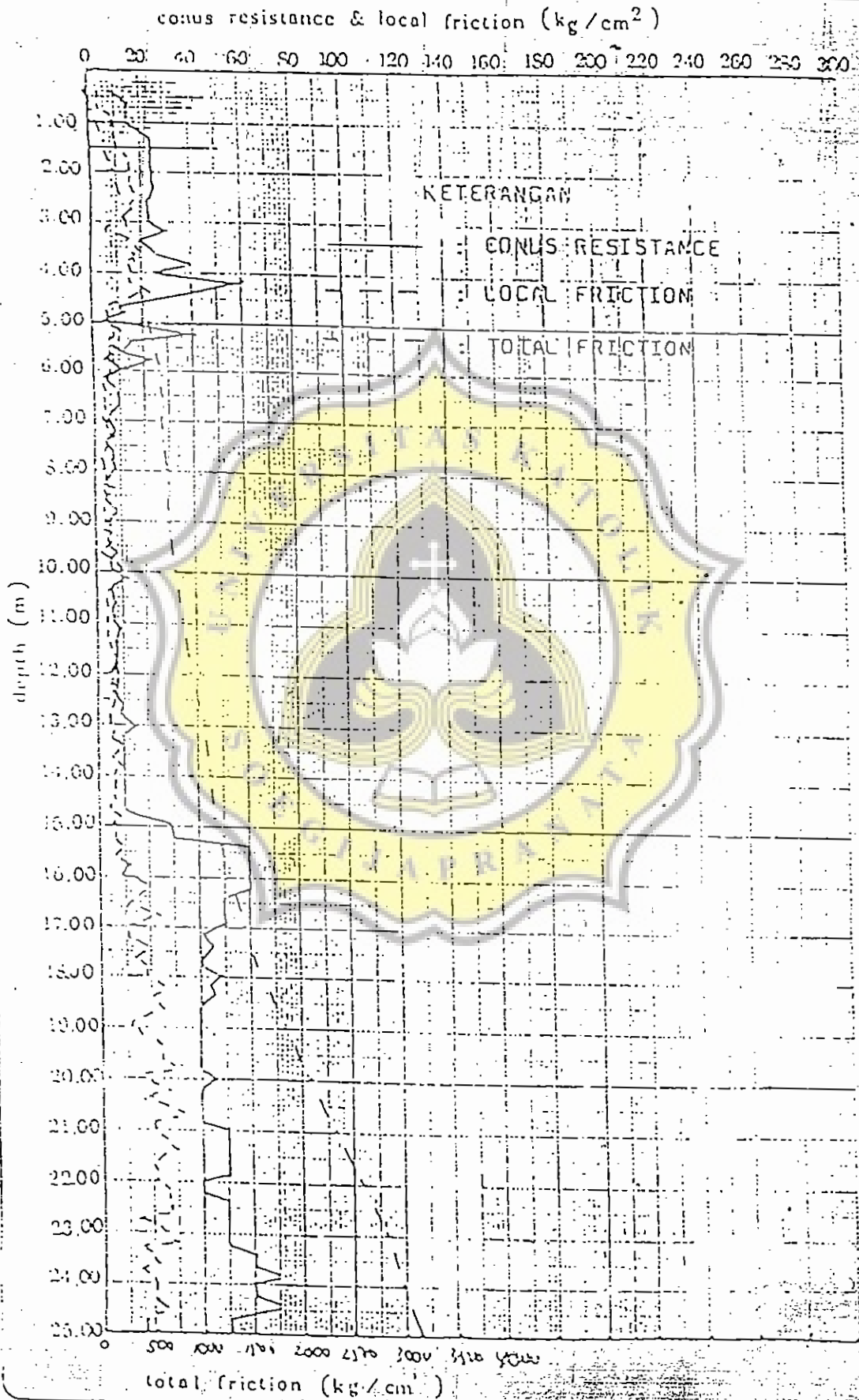
SEVE OPENING IN mm	WT SEVE IN g	WT. SIEVE + SOIL IN g.	WT. SOIL RETAINED IN g	PERCENT RETAINED	CUMULATIVE PERCENT RETAINED	PERCENT PASSED
4,75	497,0	499,70	2,70	2,70	2,70	97,30
2,00	420,0	421,97	1,97	1,97	4,67	95,33
1,18	420,0	422,11	2,11	2,11	6,78	93,22
0,850	400,0	401,98	1,98	1,98	8,76	91,24
0,420	385,0	390,00	5,00	5,00	13,76	86,24
0,300	360,0	362,89	2,89	2,89	16,65	83,35
0,180	350,0	364,00	4,00	4,00	20,65	79,35
0,150	332,0	334,00	1,00	1,00	21,65	78,35
0,075	318,0	318,08	0,08	0,08	21,73	78,27



GRAPH OF SOUNDING
2,5 ton.

Sounding No.: S. I
Location: A M I K
JL. NAKULA - SEMARANG
Date : 20/XI/1992

L-9



Lampiran 9 - Graph of Sounding