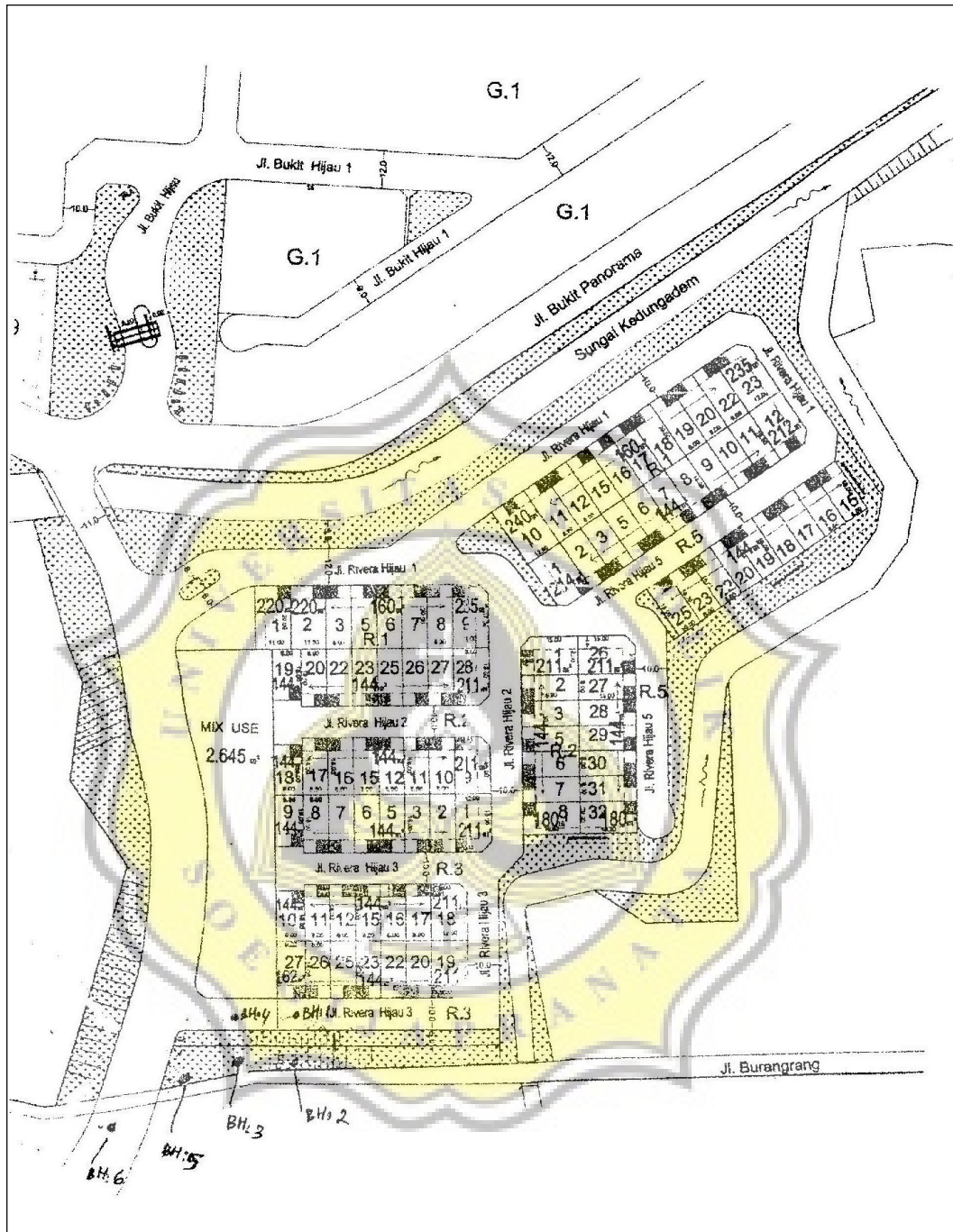




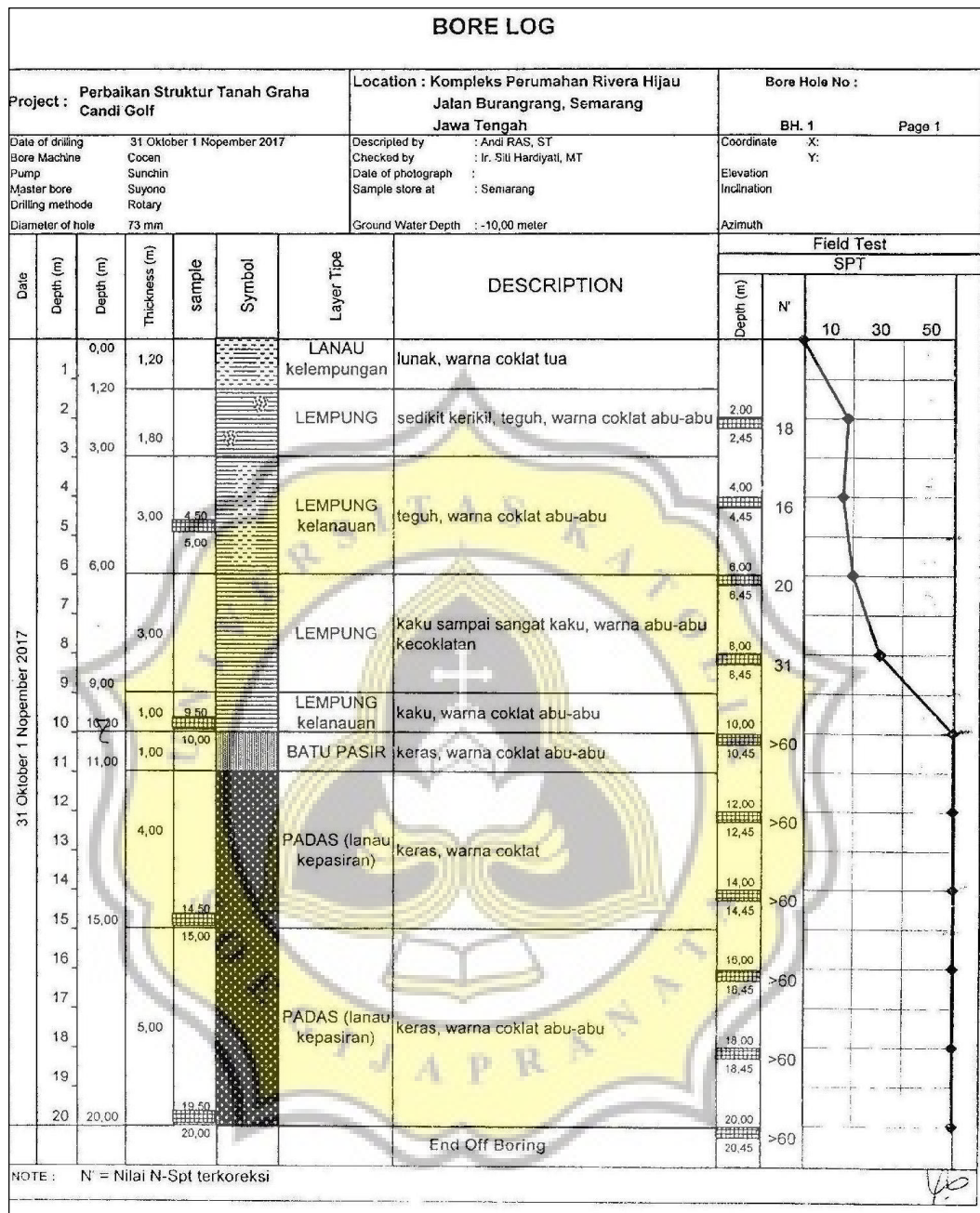
**LAMPIRAN A**  
**PETA LOKASI DAN TITIK BOR**



Lampiran A.1 Peta Lokasi Titik Bor Jalan Burangrang Raya Semarang  
(Sumber: Laboratorium Mekanika Tanah UNDIP, 2017)



**LAMPIRAN B**  
**DATA BORE LOG**



Lampiran B.1 Bore Log BH. 1  
(Sumber: Laboratorium Mekanika Tanah UNDIP, 2017)

## BORE LOG

Project : Perbaikan Struktur Tanah Graha Candi Golf		Location : Kompleks Perumahan Rivera Hijau Jalan Burangrang, Semarang Jawa Tengah		Bore Hole No : BH. 2 Page 1								
Date of drilling : 2 - 4 Nopember 2017		Described by : Andi RAS, ST		Coordinate X:								
Bore Machine : Cocen		Checked by : Ir. Siti Hardiyati, MT		Y:								
Pump : Sunchin		Date of photograph :		Elevation								
Master bore : Suyono		Sample store at : Semarang		Inclination								
Drilling methode : Rotary		Ground Water Depth : -16,00 meter		Azimuth								
Diameter of hole : 73 mm												
Date	Depth (m)	Depth (m)	Thickness (m)	sample	Symbol	Layer Type	DESCRIPTION	Field Test				
								SPT				
								Depth (m)	N'	10	30	50
2 - 4 Nopember 2017	1	0,00	1,00			LEMPUNG	sedikit butir kasar, lunak, warna coklat					
	2	1,00	2,00			LEMPUNG	lunak sampai teguh, warna coklat bintang abu-abu	2,00	8			
	3	2,00	3,00					2,45				
	4	3,00	4,00	2,00		LEMPUNG	lunak, warna coklat abu-abu	4,00	6			
	5	4,00	5,00	4,50				4,45				
	6	5,00	6,00	5,00		LEMPUNG	kelanauan	6,00	19			
	7	6,00	7,00	2,00		LEMPUNG	teguh sampai kaku, warna abu-abu kecoklatan	6,45				
	8	7,00	8,00					8,00	22			
	9	8,00	9,00	2,00		LEMPUNG	kaku, warna coklat bintang kuning abu-abu	8,45				
	10	9,00	10,00	8,50				10,00	42			
	11	10,00	11,00	10,00				10,45				
	12	11,00	12,00			LANAU	kelempungan	12,00	55			
	13	12,00	13,00	5,00				12,45				
	14	13,00	14,00					14,00	>60			
	15	14,00	15,00	14,50				14,45	>60			
	16	15,00	16,00	1,00		PADAS	((lanau kepasiran), keras, warna coklat abu-abu	16,00	>60			
	17	16,00	17,00					16,45	>60			
	18	17,00	18,00	4,00		LANAU	butir kasar	18,00	>60			
	19	18,00	19,00					18,45	>60			
	20	19,00	20,00	19,50				20,00	>60			
	20,00	20,45	20,00			End Off Boring	20,45	>60				

NOTE : N' = Nilai N-Spt terkoreksi

Lampiran B.2 Bore Log BH. 2  
(Sumber: Laboratorium Mekanika Tanah UNDIP, 2017)



### BORE LOG

Project : Perbaikan Struktur Tanah Graha Candi Golf		Location : Kompleks Perumahan Rivera Hijau Jalan Burangrang, Semarang Jawa Tengah		Bore Hole No : BH. 3 Page 1								
Date of drilling	5 - 6 Nopember 2017	Described by	: Andi RAS, ST	Coordinate X:								
Bore Machine	Cocem	Checked by	: Ir. Siti Hardiyati, MT	Coordinate Y:								
Pump	Sunchin	Date of photograph	:	Elevation								
Master bore	Suyono	Sample store at	: Semarang	Inclination								
Drilling methode	Rotary	Ground Water Depth	: -18,00 meter	Azimuth								
Diameter of hole	73 mm											
Date	Depth (m)	Thickness (m)	sample	Symbol	Layer Tipe	DESCRIPTION	Field Test					
							SPT					
							Depth (m)	N'	10	30	50	
5 - 6 Nopember 2017	0,00	1,00			LANAU kepasiran	sedikit akar pohon, lunak, warna coklat						
	1,00	1,50			LEMPUNG	lunak, warna coklat	2,00					
	2,50	1,00			LEMPUNG	lunak, warna abu-abu	2,45					
	3,50	1,00			LEMPUNG	lunak, warna coklat	4,00					
	4,50	5,00			LEMPUNG	teguh sampai kaku, warna coklat bintik abu-abu dan kuning	4,45					
	5,50	6,00					6,00					
	6,00	8,50					6,45					
	8,00	8,50					8,00					
	8,45	10,00					8,45					
	10,00	2,00			LANAU kelempungan	keras, warna abu-abu	10,00					
	10,45	12,00					10,45					
	12,00	4,00			LEMPUNG	keras, warna abu-abu	12,00					
	12,45	14,50					12,45					
	14,00	1,00			PADAS	keras, warna coklat	14,00					
	14,45	1,00			LANAU kelempungan	keras, warna coklat	14,45					
	15,00	1,00			PASIR	padat, warna abu-abu	15,00					
	16,00	1,00			PADAS	keras, warna abu-abu kecoklatan	16,00					
	16,45	20,00				End Off Boring	16,45					
	18,00						18,00					
	18,45						18,45					
20,00						20,00						
20,45						20,45						

NOTE : N' = Nilai N-Spt terkoreksi

Lampiran B.3 Bore Log BH. 3  
 (Sumber: Laboratorium Mekanika Tanah UNDIP, 2017)



### BORE LOG

Project : Perbaikan Struktur Tanah Graha Candi Golf		Location : Kompleks Perumahan Rivera Hijau Jalan Burangrang, Semarang Jawa Tengah		Bore Hole No : BH. 4 Page 1									
Date of drilling : 7 - 8 Nopember 2017	Bore Machine : Cocen	Described by : Andi RAS, ST	Checked by : Ir. Sili Hardiyati, MT	Coordinate X:	Y:								
Pump : Sunchin	Master bore : Suyono	Date of photograph :	Sample store at : Semarang	Elevation	Inclination								
Drilling methode : Rotary	Diameter of hole : 73 mm	Ground Water Depth : -15,00 meter		Azimuth									
Date	Depth (m)	Depth (m)	Thickness (m)	sample	Symbol	Layer Type	DESCRIPTION	Field Test					
								SPT					
								Depth (m)	N'	10	30	50	
7 - 8 Nopember 2017	1	0,00											
	2	3,00				LEMPUNG	leguh, warna abu-abu	2,00					
	3	3,00						2,45					
	4	4,00						4,00					
	5	4,00	4,50			LEMPUNG	sedikit lanau, kaku sampai keras, warna coklat	4,45					
	6	5,00						6,00					
	7	7,00						8,45					
	8	8,00	1,00			PASIR	padat, warna abu-abu kecoklatan	8,00					
	9	8,00						8,45					
	10	2,00				LANAU butir kasar	keras, warna coklat bintik kuning abu-abu	10,00					
	11	10,00						10,45					
	12	2,00				BATU PASIR	keras, warna abu-abu	12,00					
	13	12,00						12,45					
	14	1,00				PASIR	padat, warna abu-abu kecoklatan	14,00					
	15	14,00						14,45					
	16	1,00				BATU PASIR	keras, warna abu-abu	14,50					
	17	15,00						15,00					
	18	2,00				BATU PADAS (lanau kepasiran)	keras, warna coklat abu-abu	16,45					
	19	17,00						18,00					
	20	18,00				PASIR	padat, warna abu-abu kecoklatan	18,00					
21	2,00				BATU PASIR	keras, warna abu-abu	18,45						
22	20,00						20,00						
23	20,00						20,45						
						End Off Boring							

NOTE: N' = Nilai N-Spt terkoreksi

Lampiran B.4 Bore Log BH. 4  
 (Sumber: Laboratorium Mekanika Tanah UNDIP, 2017)



**BORE LOG**

Project : Rencana Pembangunan Jembatan Graha Candi Golf		Location : Jembatan Jalan Burangrang, Perumahan Rivera Hijau, Semarang Jawa Tengah		Bore Hole No : BH. 5 Page 1	
Date of drilling : 9 - 10 Nopember 2017	Bore Machine : Cocop	Described by : Andi RAS, ST	Checked by : Ir. Sili Hardiyati, MT	Coordinate X:	Y:
Pump : Sunchin	Master bore : Suyono	Date of photograph :	Sample store at : Semarang	Elevation	Inclination
Drilling methode : Rotary	Diameter of hole : 73 mm	Ground Water Depth : -12,00 meter		Azimuth	

Date	Depth (m)	Depth (m)	Thickness (m)	sample	Symbol	Layer Tipe	DESCRIPTION	Field Test SPT					
								Depth (m)	N'	10	30	50	
9 - 10 Nopember 2017	0,00	1,00	1,00			LANAU	lunak, warna coklat tua						
	1,00					kelempungan							
	2,00												
	2,45												
	4,00												
	4,45												
	7,00						LEMPUNG	teguh sampai kaku, warna coklat					
	4,50												
	5,00												
	6,00												
	6,45												
	8,00												
	8,45												
	9,00												
	9,50												
	10,00						LEMPUNG	kaku sampai keras, warna abu-abu					
	10,45												
	12,00												
	12,45												
	13,00												
14,00													
14,45													
14,50													
15,00						LEMPUNG	butir kasar, keras, warna coklat abu-abu						
16,00													
16,45													
18,00						LEMPUNG	kelanuaan, keras, warna coklat tua						
18,45													
19,50													
20,00													
20,45							End Off Boring						

N' = Nilai N-Spt terkoreksi

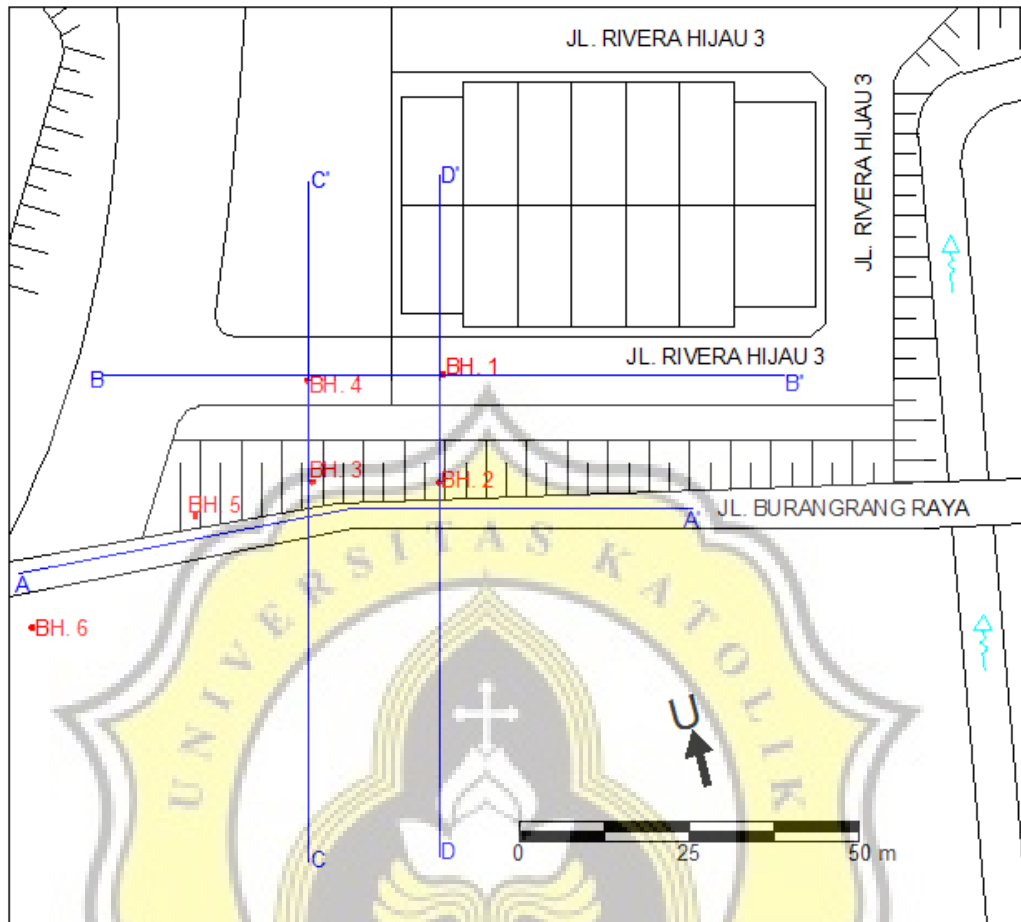
Lampiran B.5 Bore Log BH. 5  
(Sumber: Laboratorium Mekanika Tanah UNDIP, 2017)



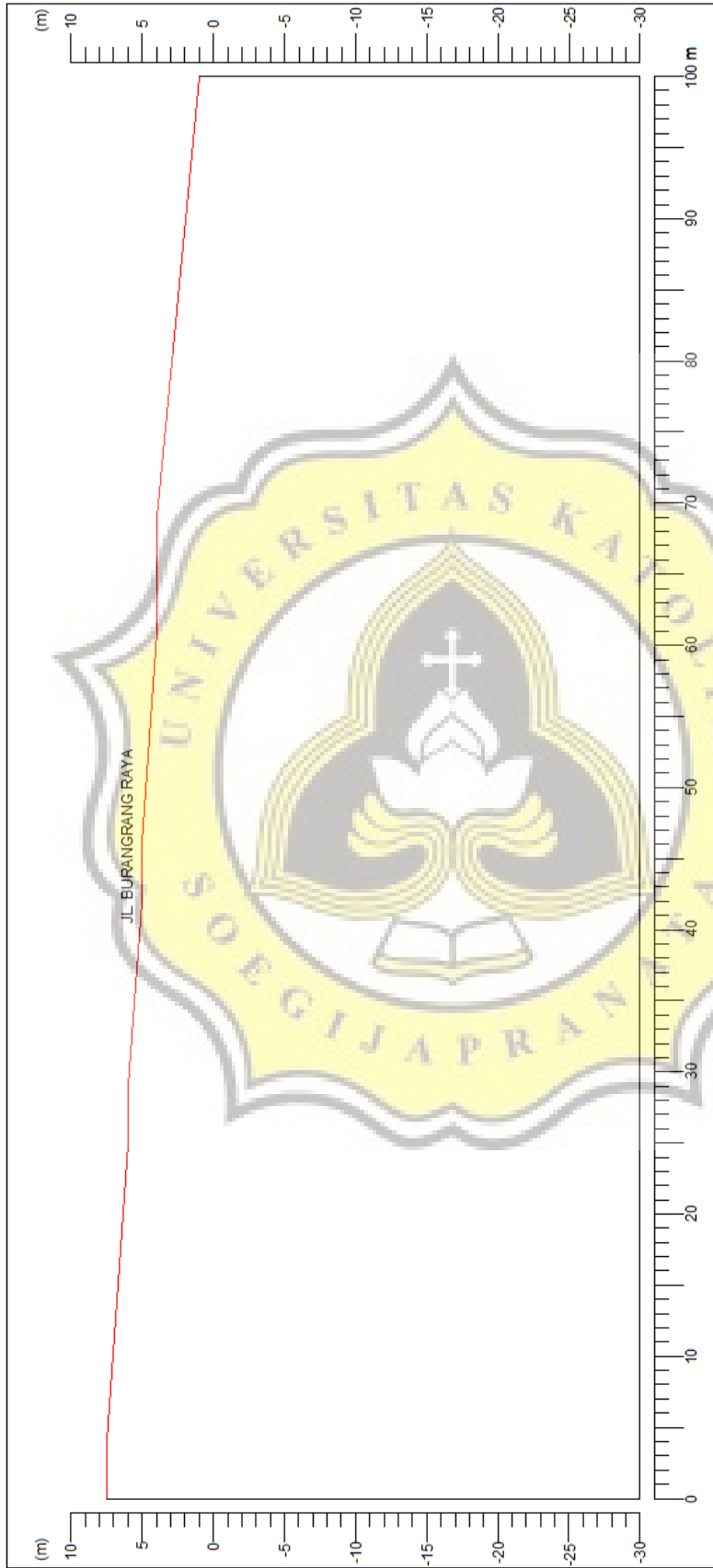




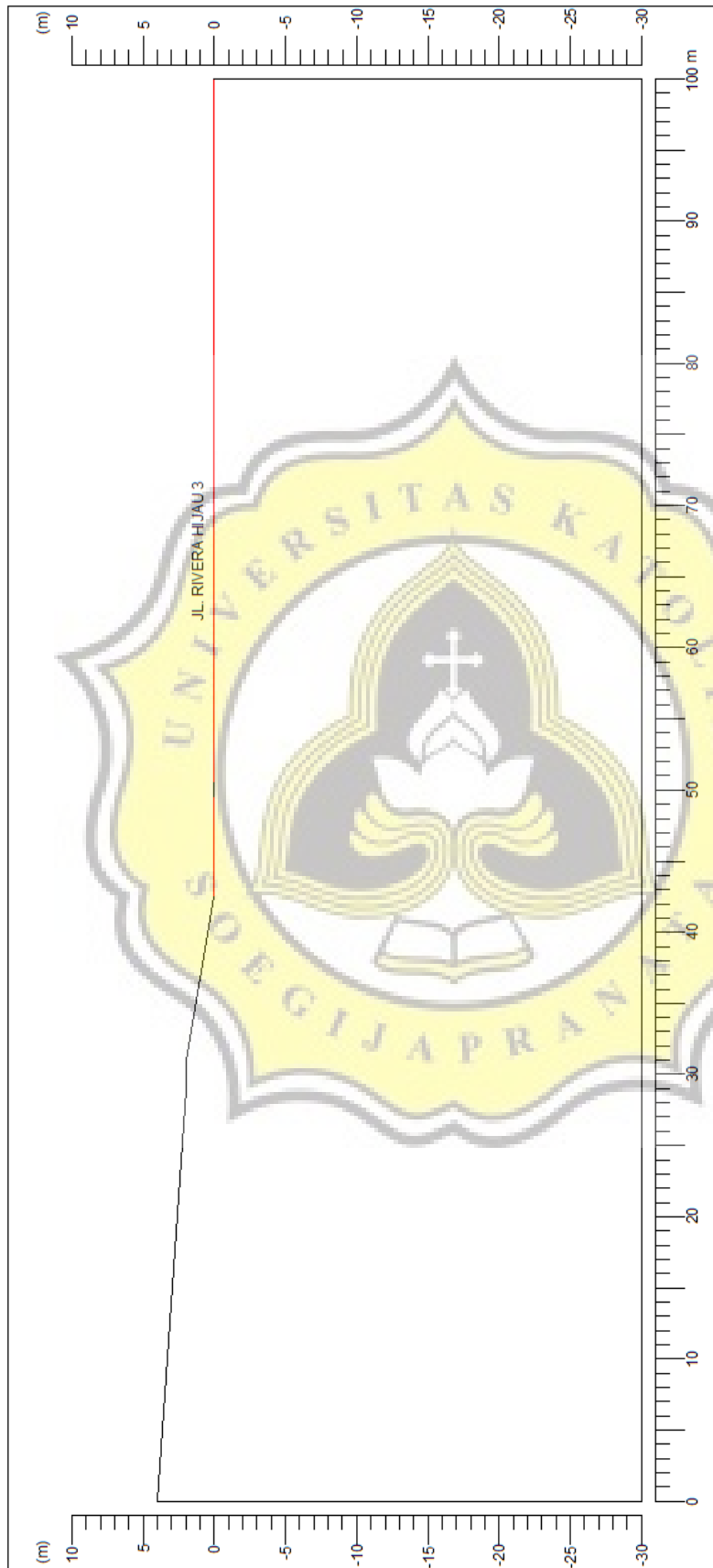
**LAMPIRAN C**  
**DATA TOPOGRAFI DAN BIDANG GELINCIR**



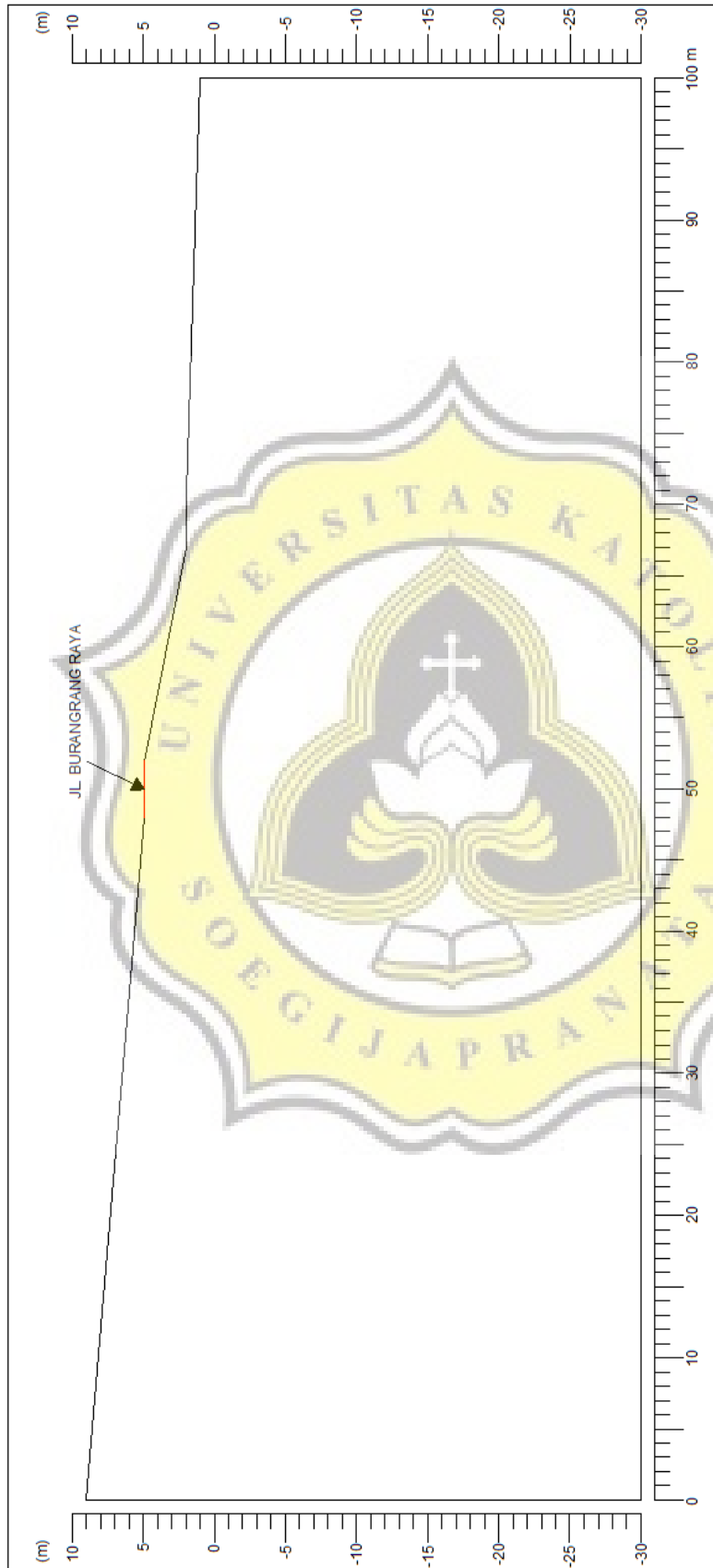
Lampiran C.1 Posisi *Cross Section* Lereng



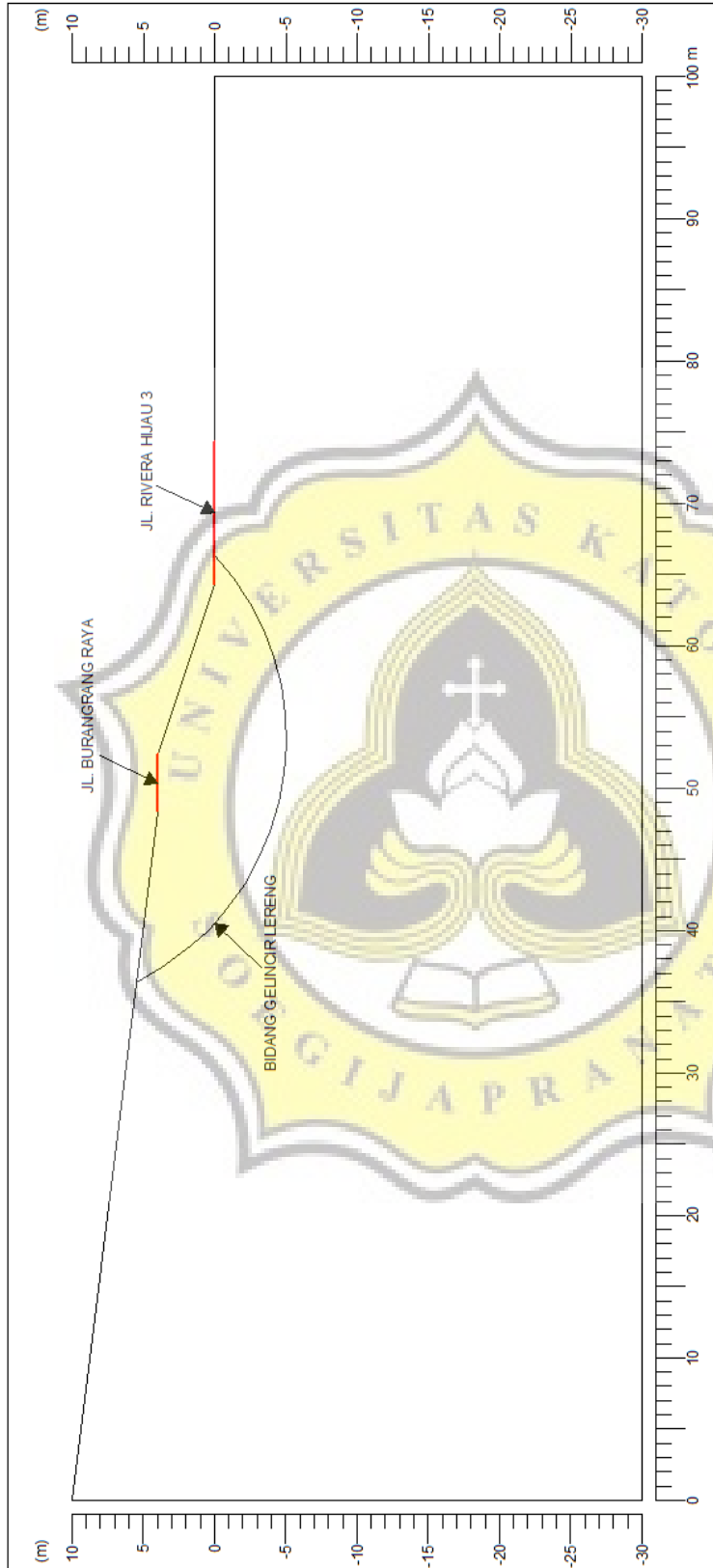
Lampiran C.2 Data Topografi Lereng Cross Section A-A'



Lampiran C.3 Data Topografi Lereng Cross Section B-B'



Lampiran C.4 Data Topografi Lereng Cross Section C-C'

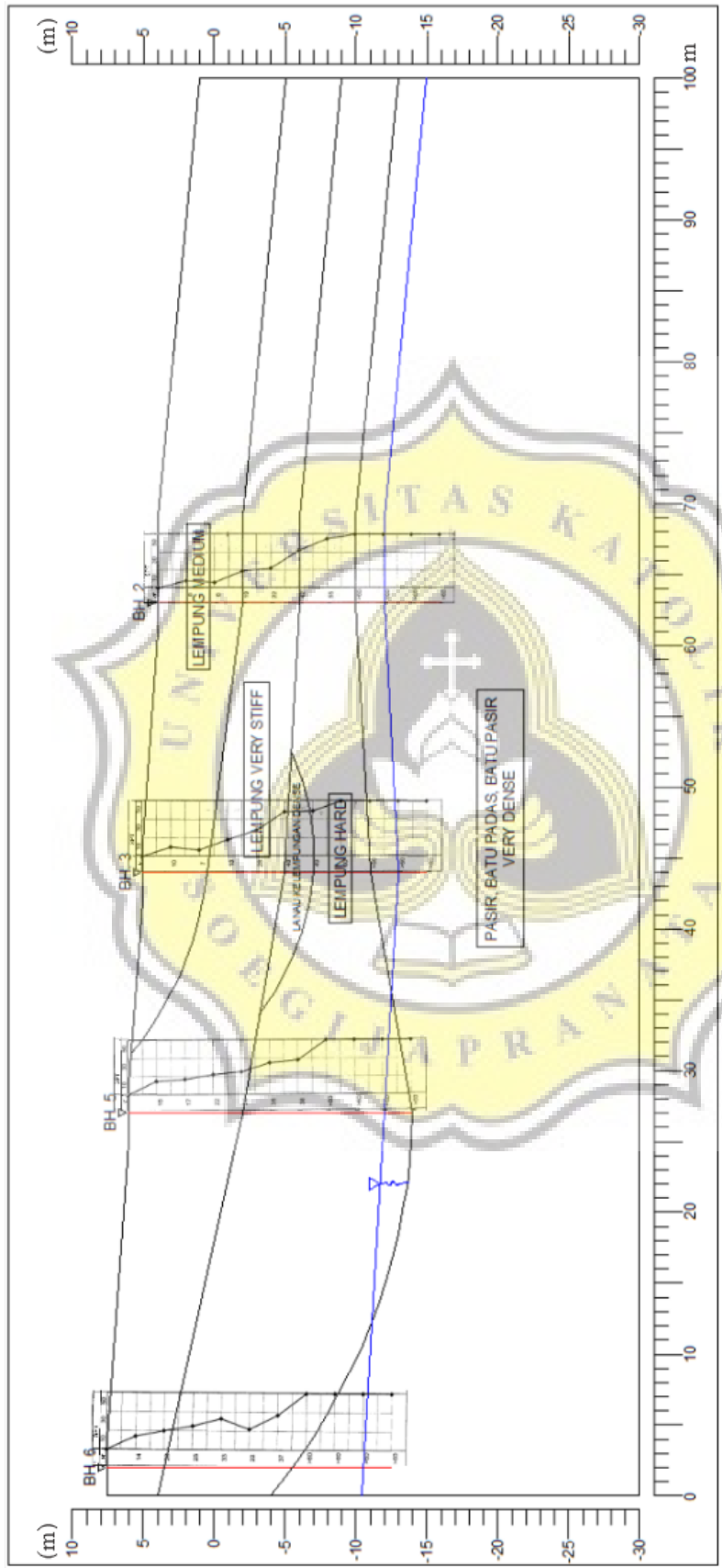


Lampiran C.5 Data Topografi dan Bidang Gelincir Lereng Cross Section D-D'

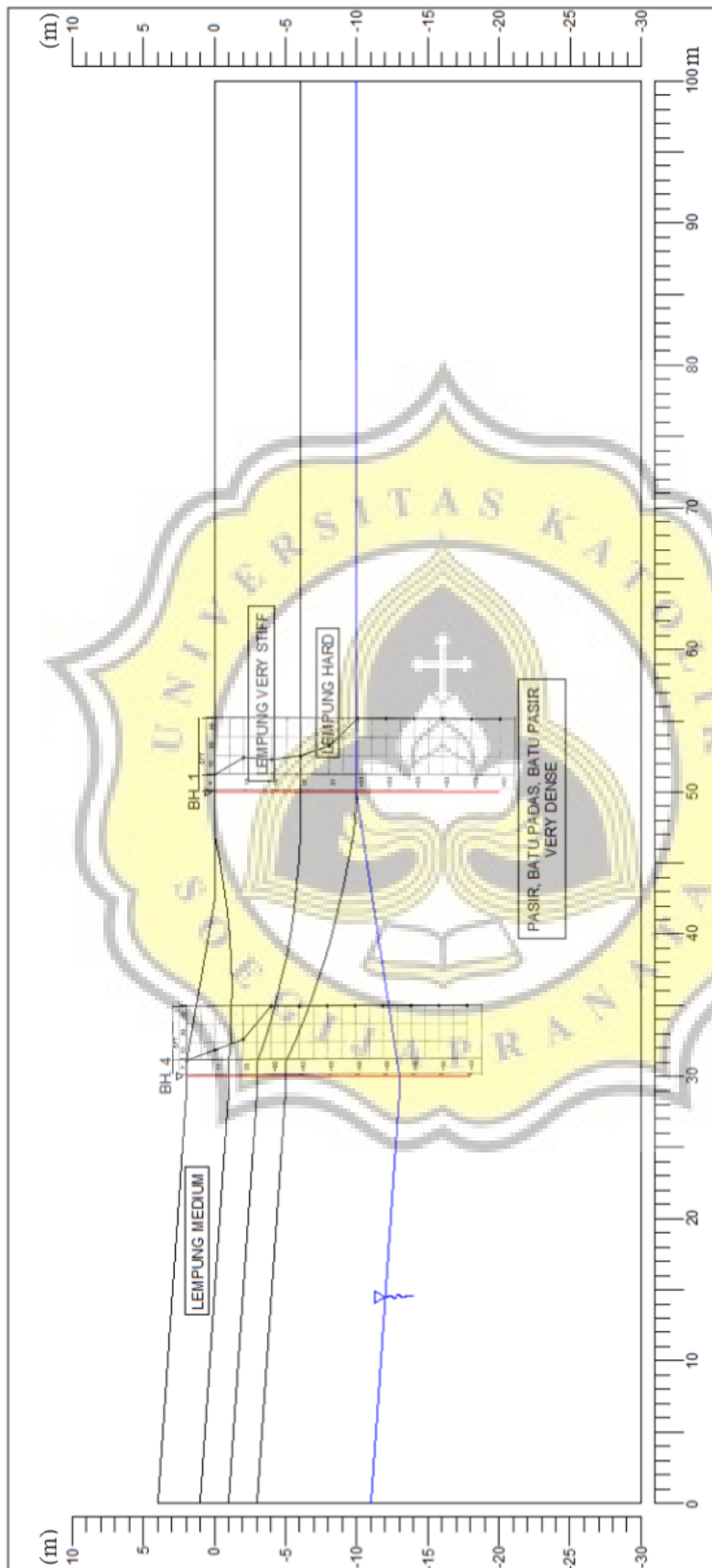


**LAMPIRAN D**  
**DATA STRATIGRAFI LERENG**

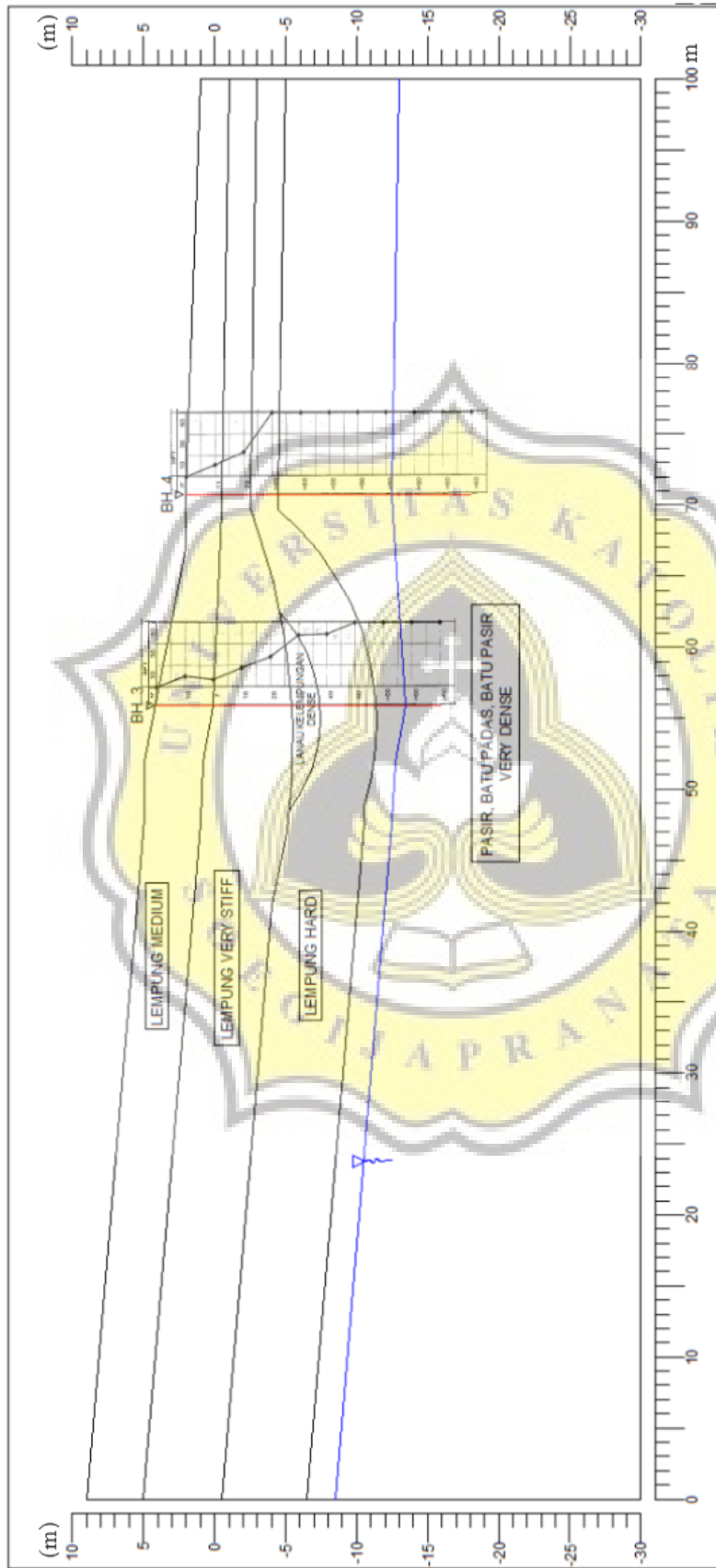




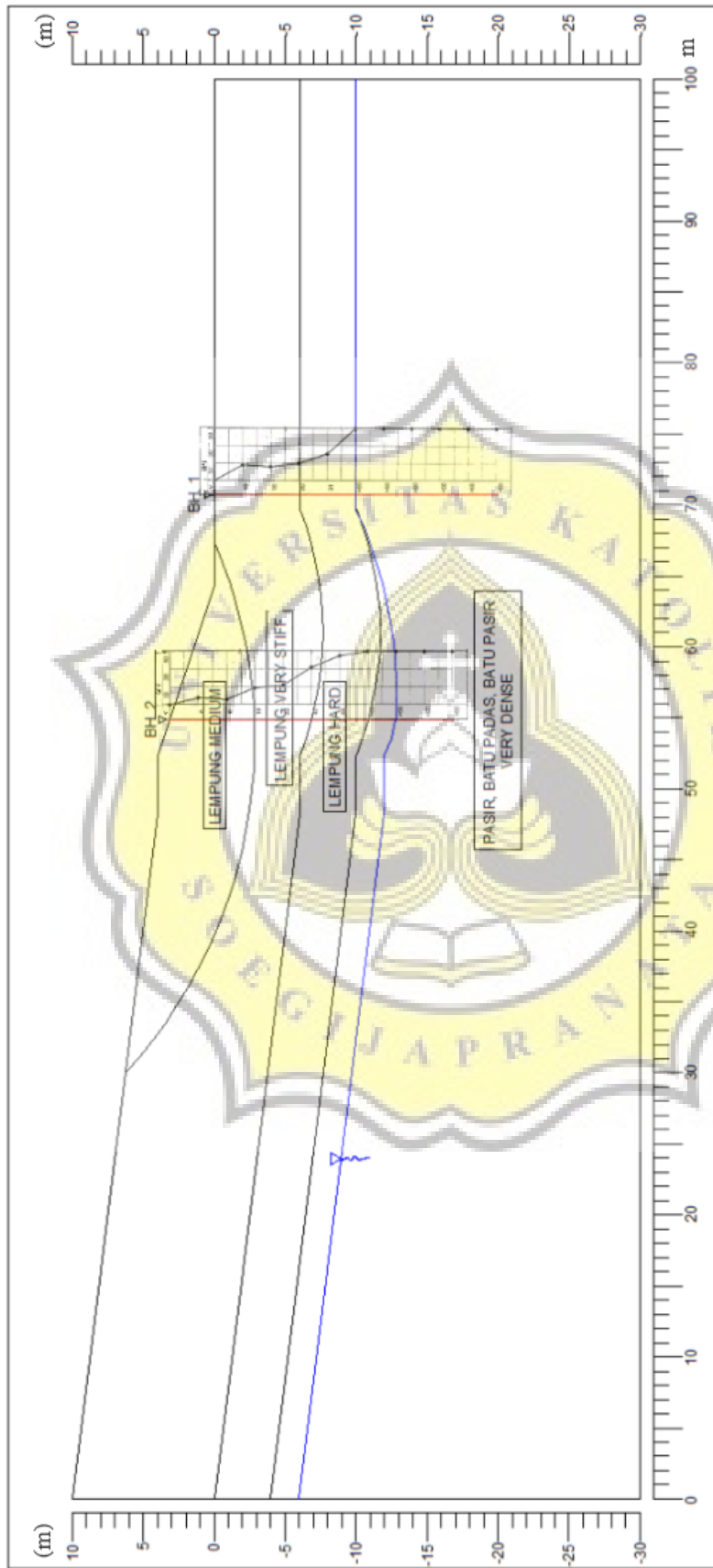
Lampiran D.1 Stratigrafi Lereng Cross Section A-A'



Lampiran D.2 Stratiografi Lereng Cross Section B-B'



Lampiran D.3 Stratigrafi Lereng Cross Section C-C'



Lampiran D.4 Stratigrafi Lereng Cross Section D-D'



**LAMPIRAN E**  
**CEK PLAGIASI**

Submission author: 15b10002 LIONG, ANDREAS SETIAWAN BUDIHA  
Check ID: 15659694  
Check date: 01.01.2020 12:48:45 GMT+0  
Check type: Doc vs Internet + Library  
Report date: 02.01.2020 02:47:52 GMT+0  
User ID: 30721



File name: 15.B1.0002\_15.B1.0085\_Liong, Andreas Setiawan\_David Christia  
File ID: 19951928 Page count: 21 Word count: 15668 Character count: 115318 File size: 128.91 KB

### 4.13% Matches

Highest match: 2% with source <http://library.binus.ac.id/eColls/eThesis/doc/Bab2HTML/2008200461Bab2/body.html>

3.54% Internet Matches

25

Page 23

0.95% Library matches

112

Page 23

### 3.7% Quotes

Quotes 28

Page 24

No references found

### 0% Exclusions

No exclusions found

### Replacement

Character replacement 62

Lampiran E.1 Cek Plagiasi