

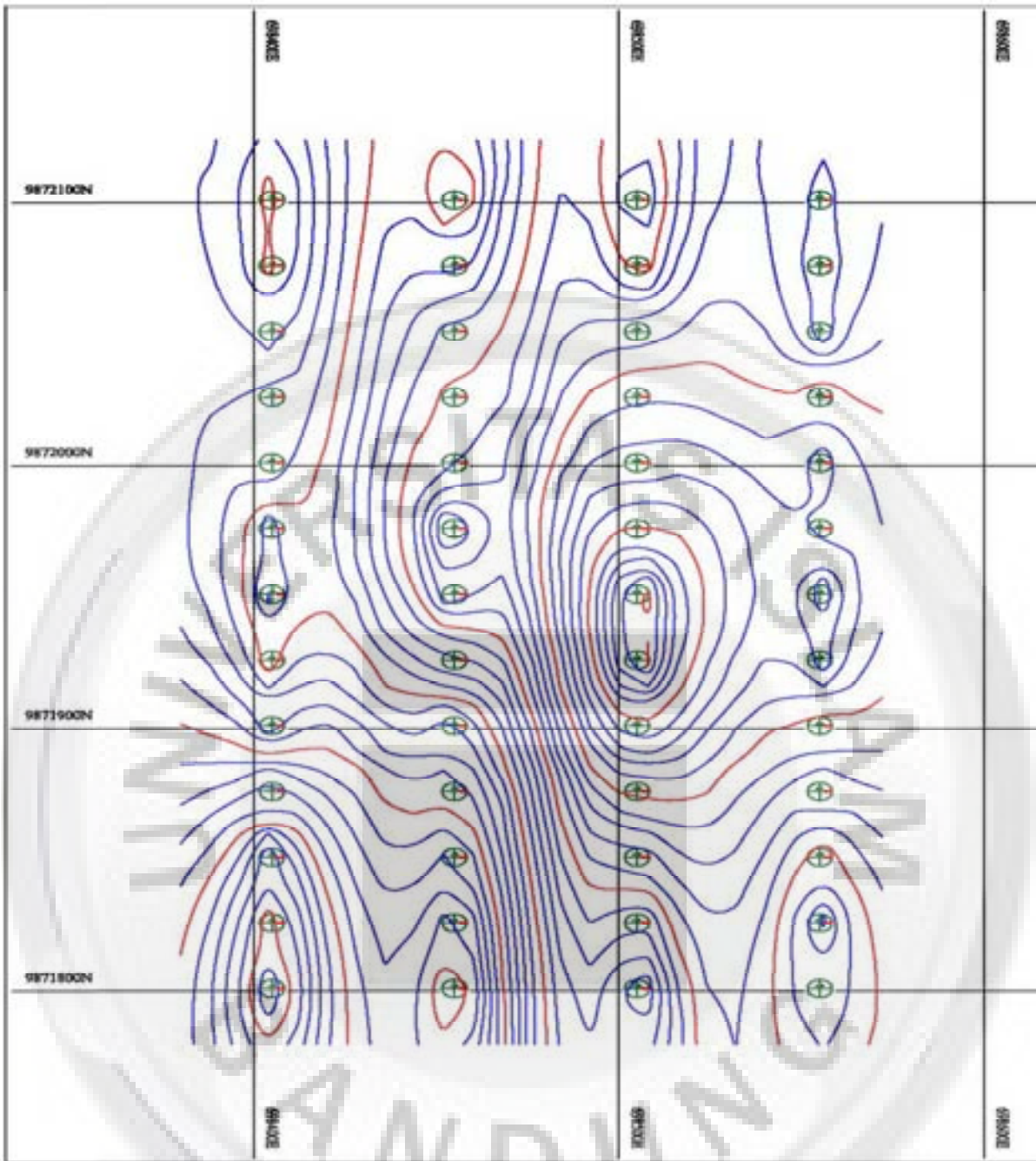


# LAMPIRAN

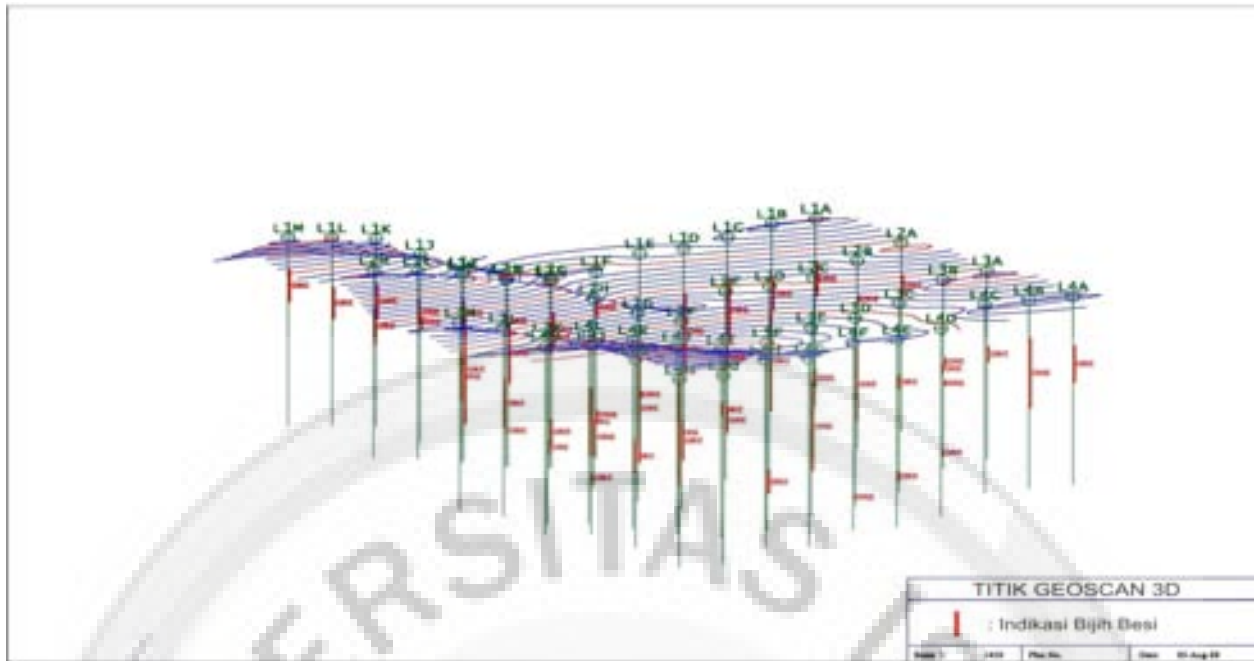


## **LAMPIRAN A**

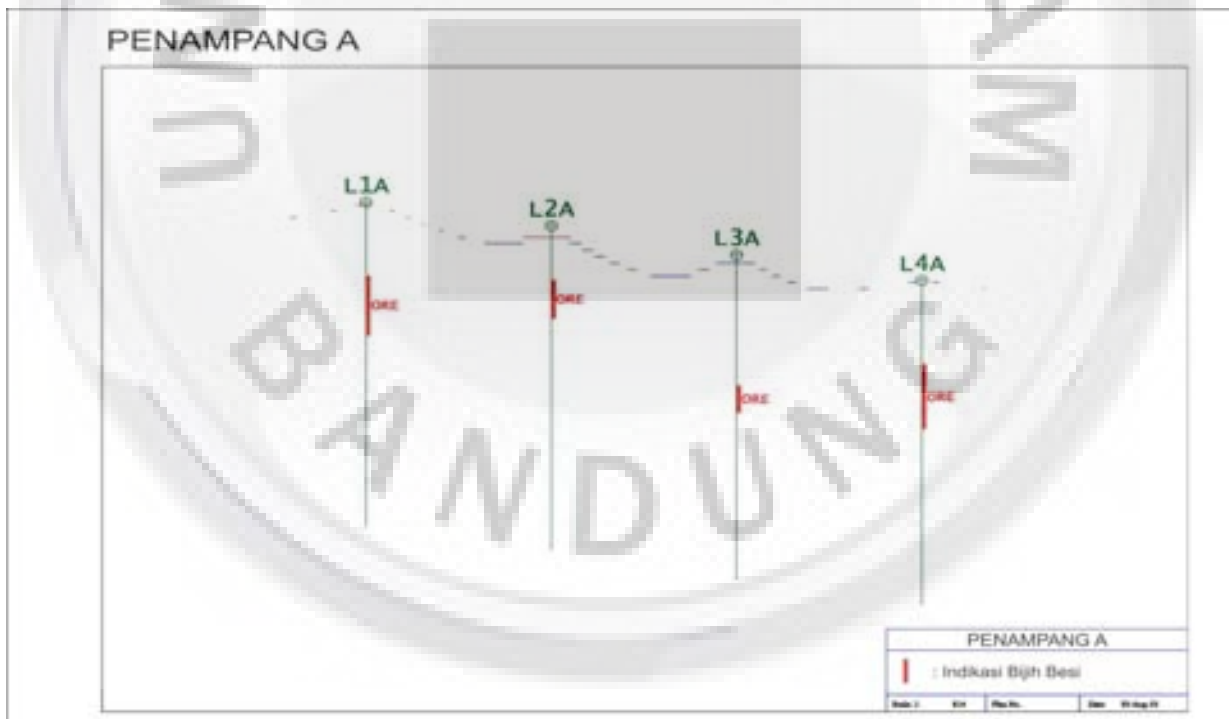
### **DATA PENAMPANG DAN HASIL PEMODELAN 3D**



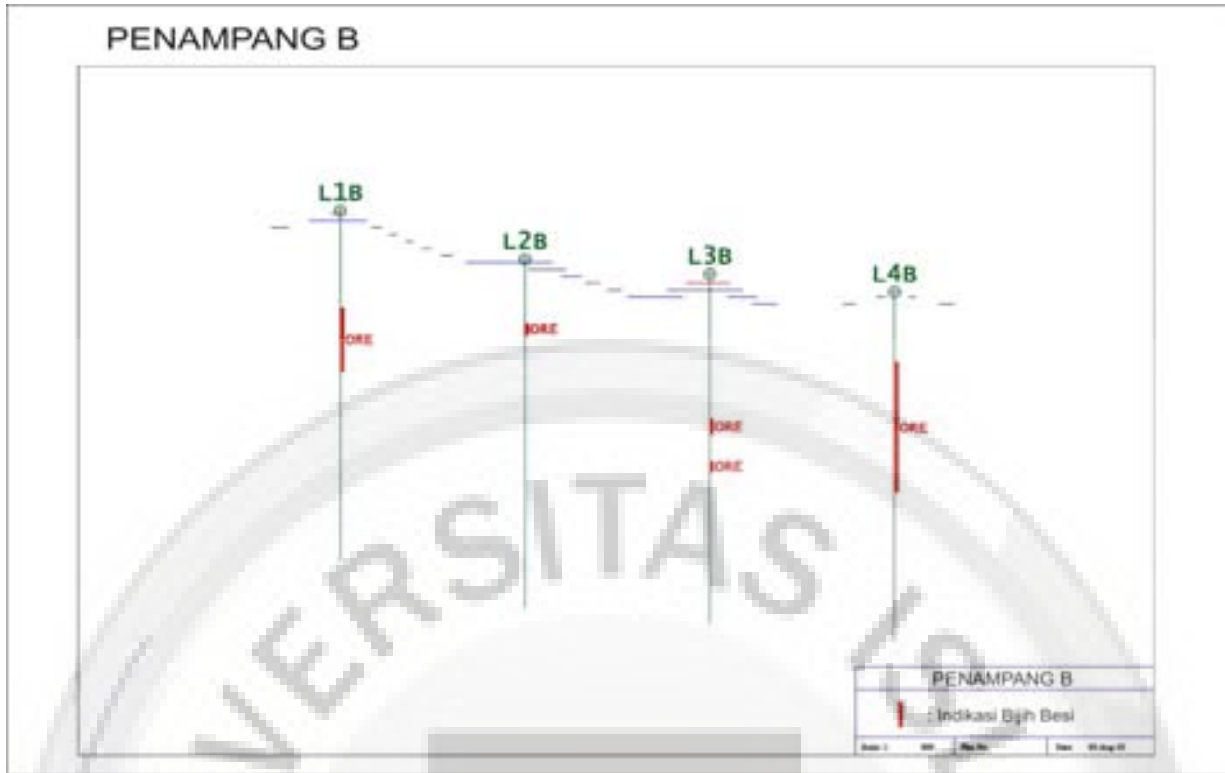
Gambar Lampiran A  
Peta Penampang Tampak Atas



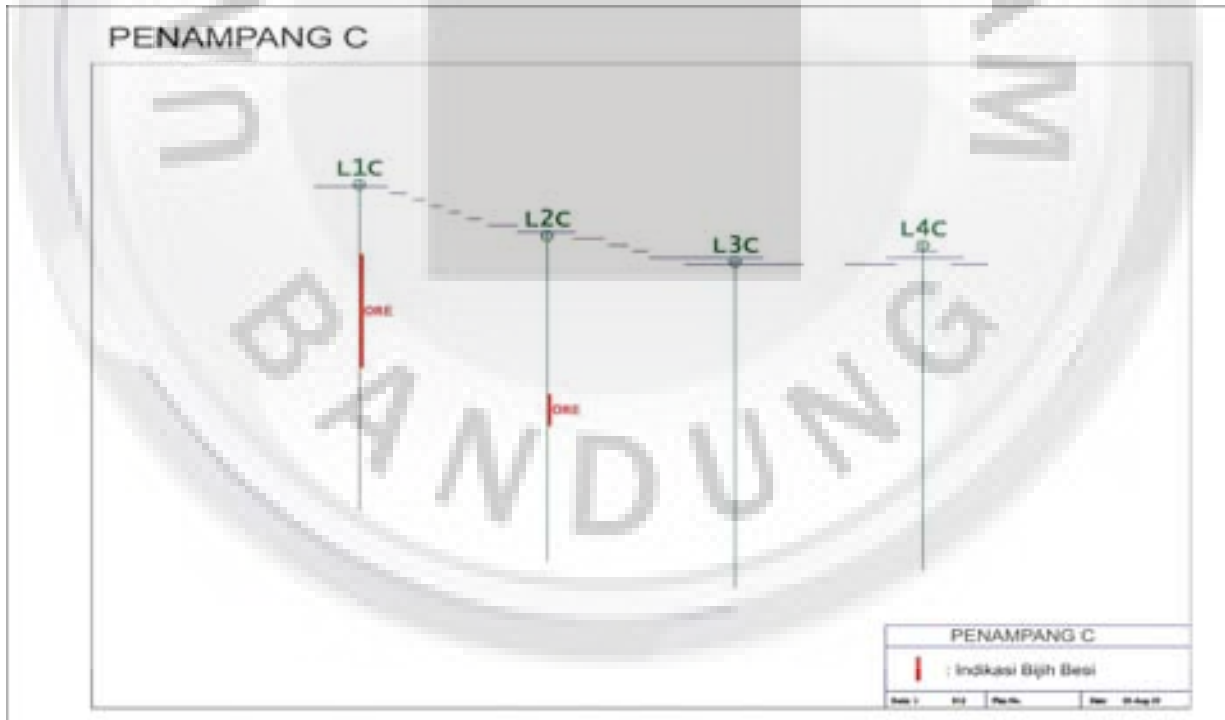
Gambar Lamplan A  
Peta Penampang Dalam Bentuk 3D



Gambar Lamiran A  
Penampang Estimasi Sumberdaya

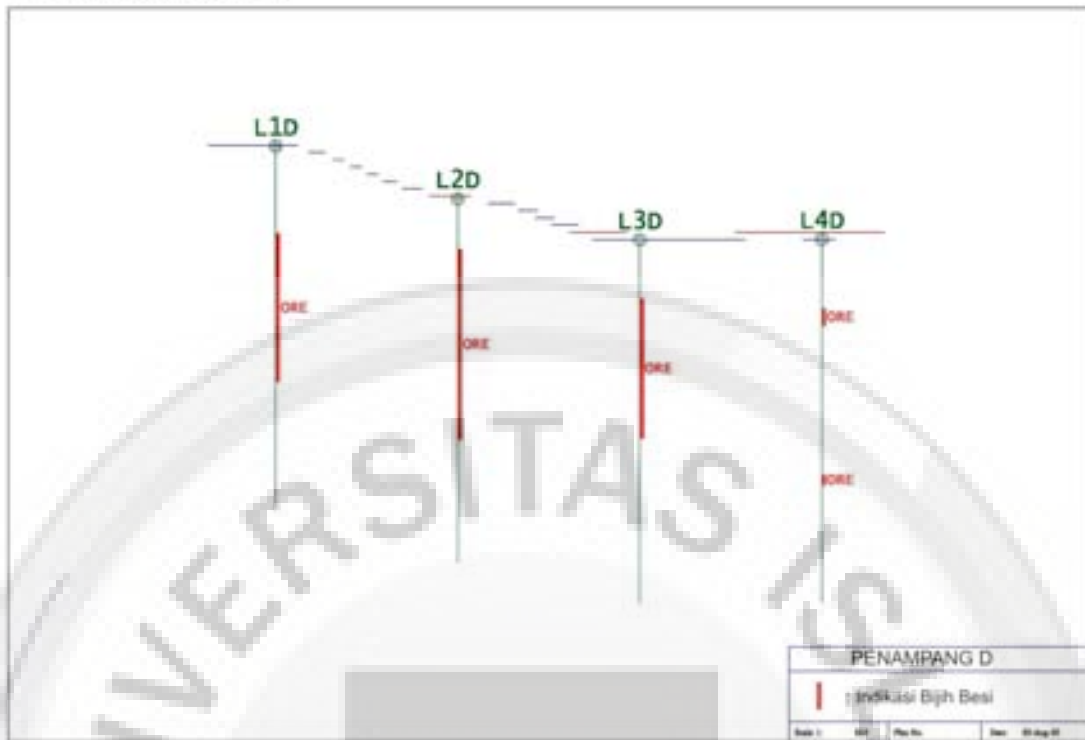


Gambar Lamiran A  
 Penampang Estimasi Sumberdaya



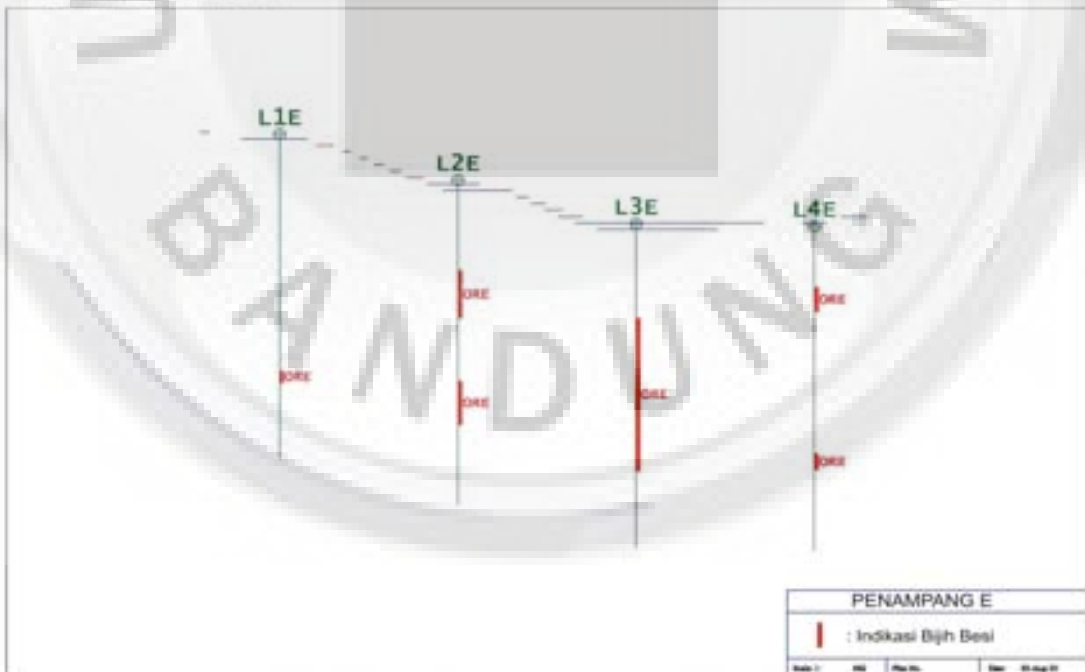
Gambar Lamiran A  
 Penampang Estimasi Sumberdaya

PENAMPANG D



Gambar Lamiran A  
Penampang Estimasi Sumberdaya

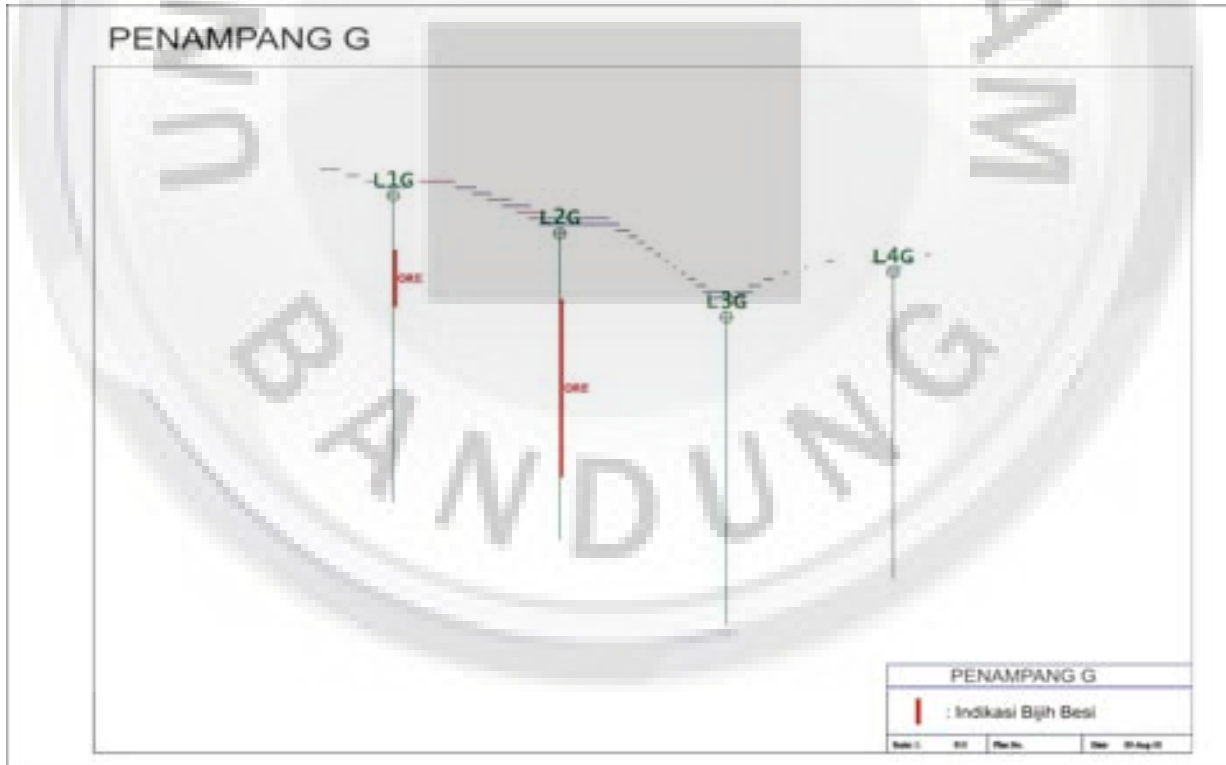
PENAMPANG E



Gambar Lamiran A  
Penampang Estimasi Sumberdaya



Gambar Lamiran A  
Penampang Estimasi Sumberdaya



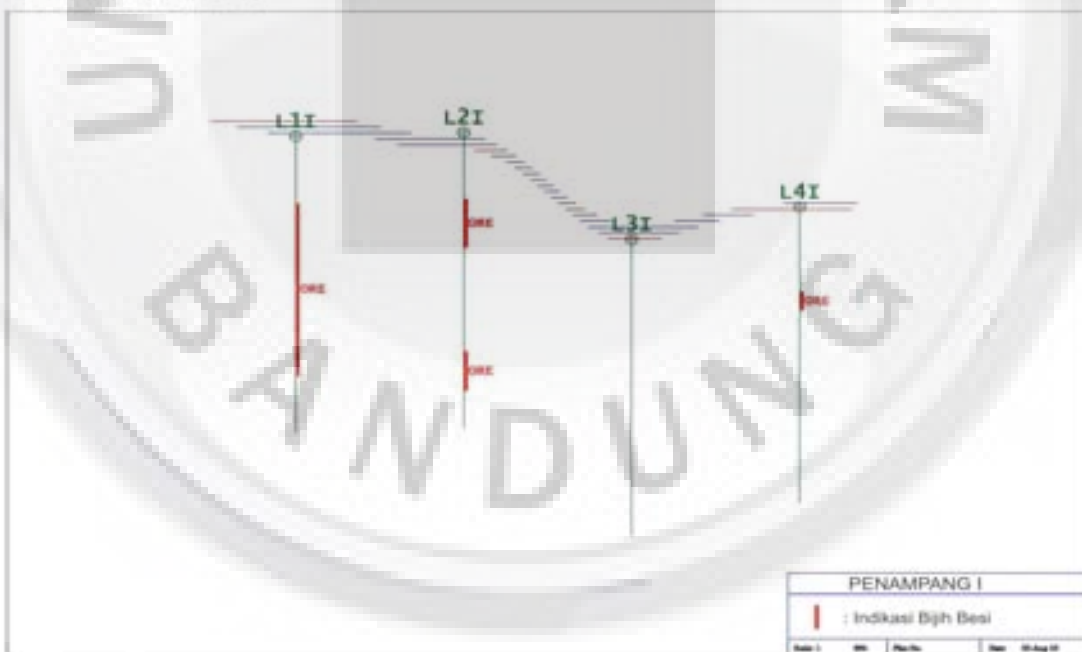
Gambar Lamiran A  
Penampang Estimasi Sumberdaya

PENAMPANG H



Gambar Lamiran A  
Penampang Estimasi Sumberdaya

PENAMPANG I



Gambar Lamiran A  
Penampang Estimasi Sumberdaya

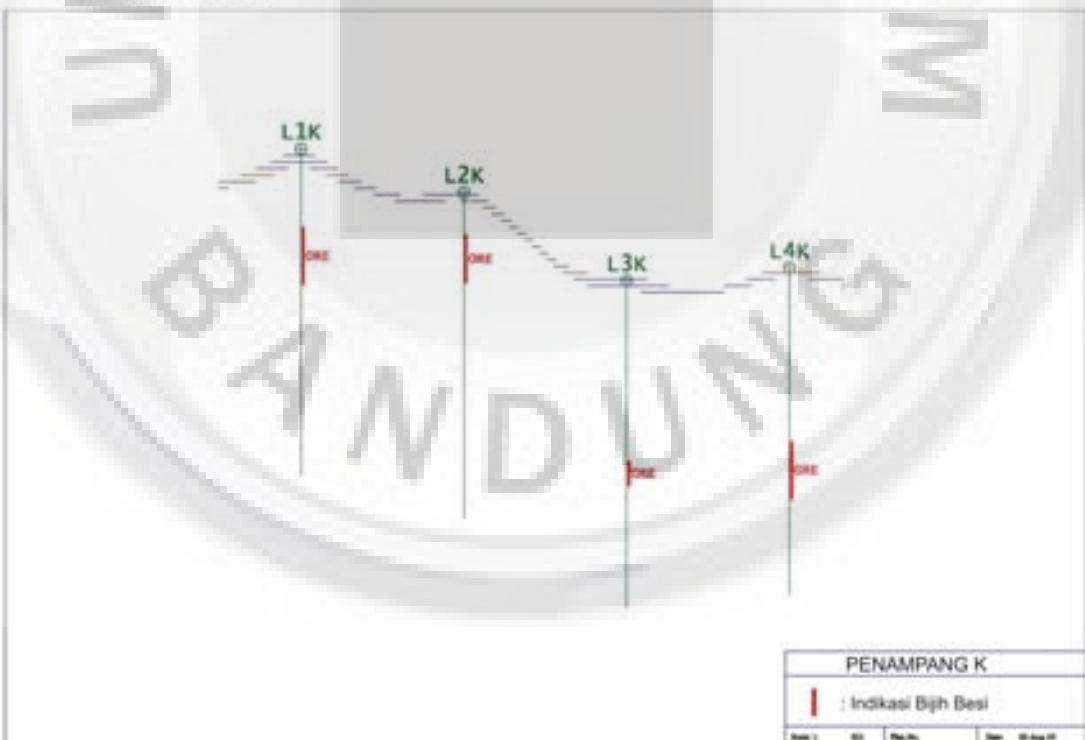


PENAMPANG J

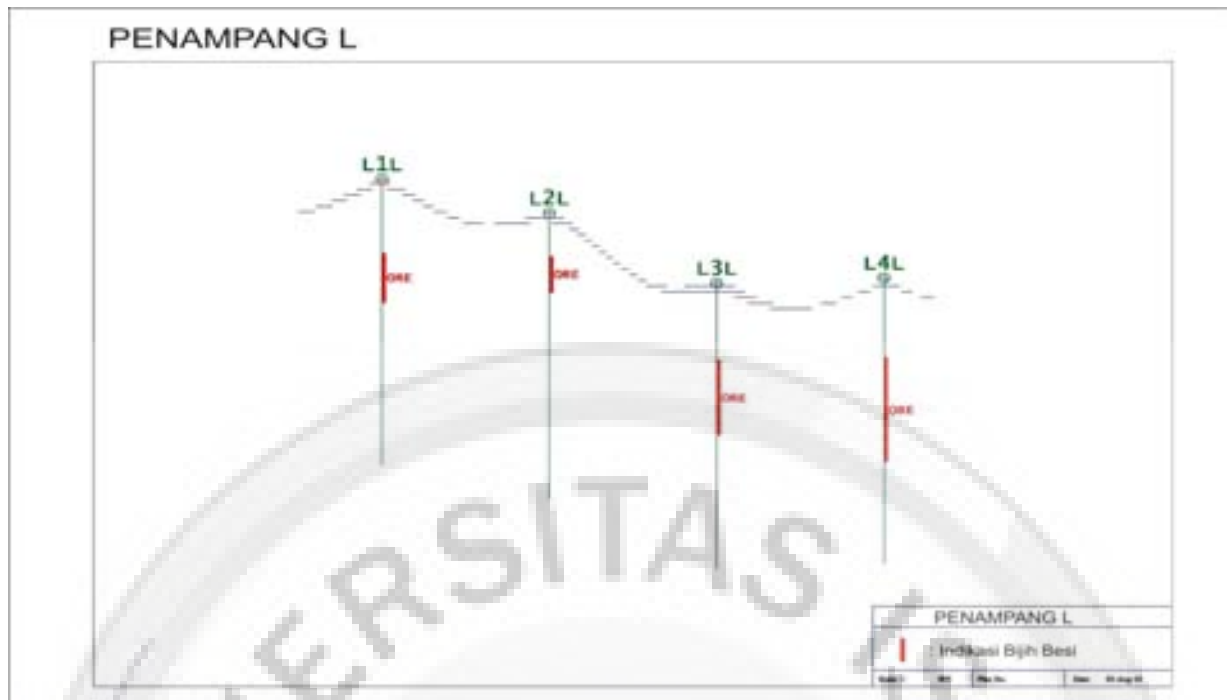


Gambar Lamiran A  
Penampang Estimasi Sumberdaya

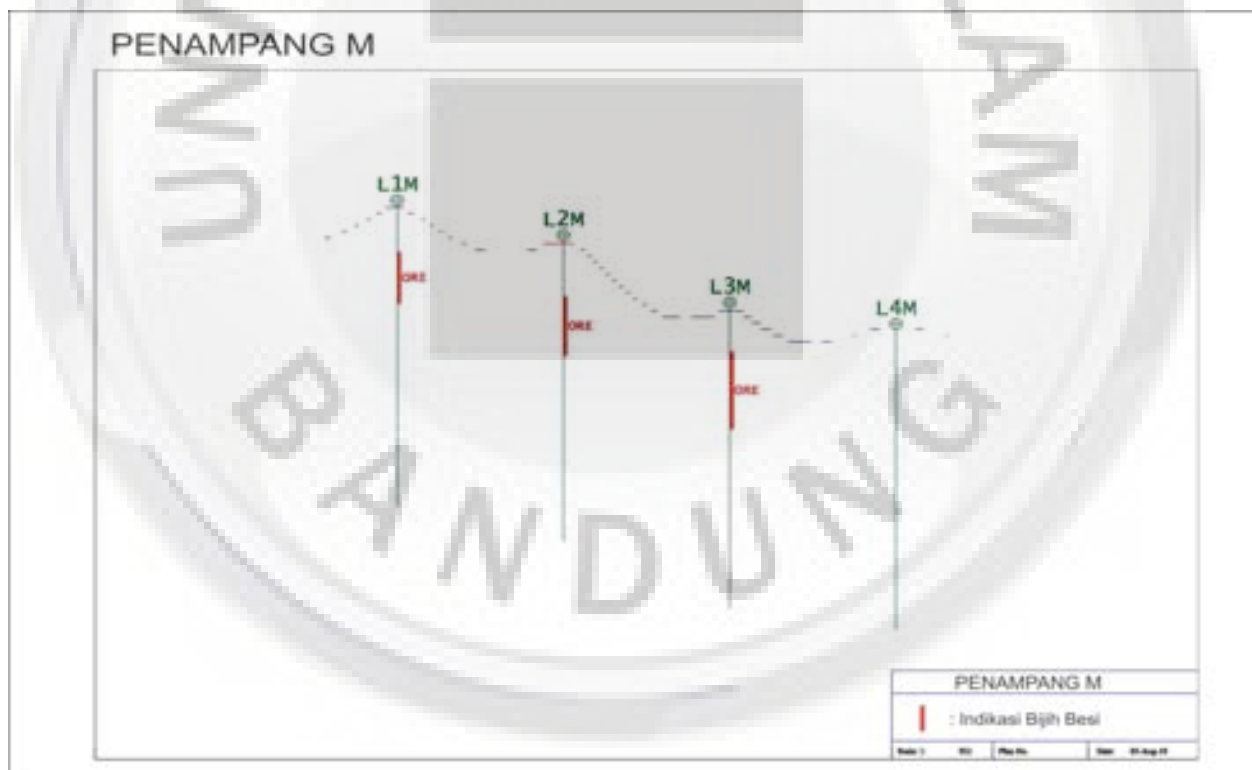
PENAMPANG K



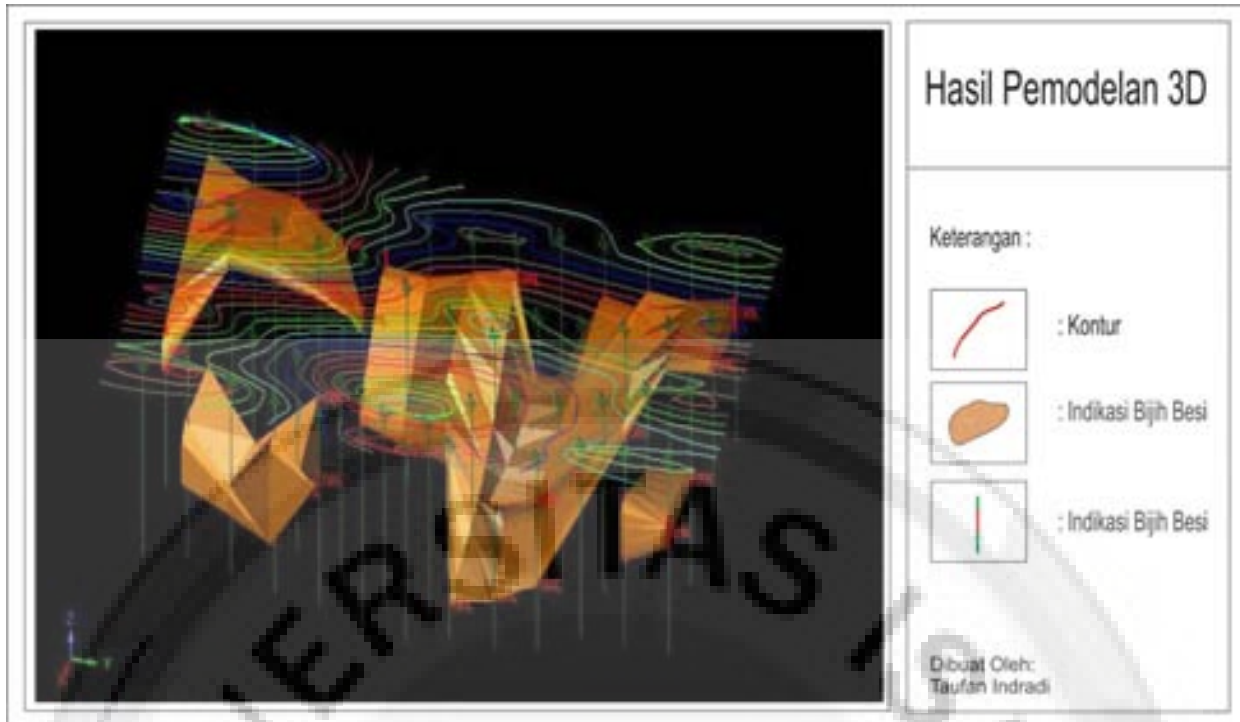
Gambar Lamiran A  
Penampang Estimasi Sumberdaya



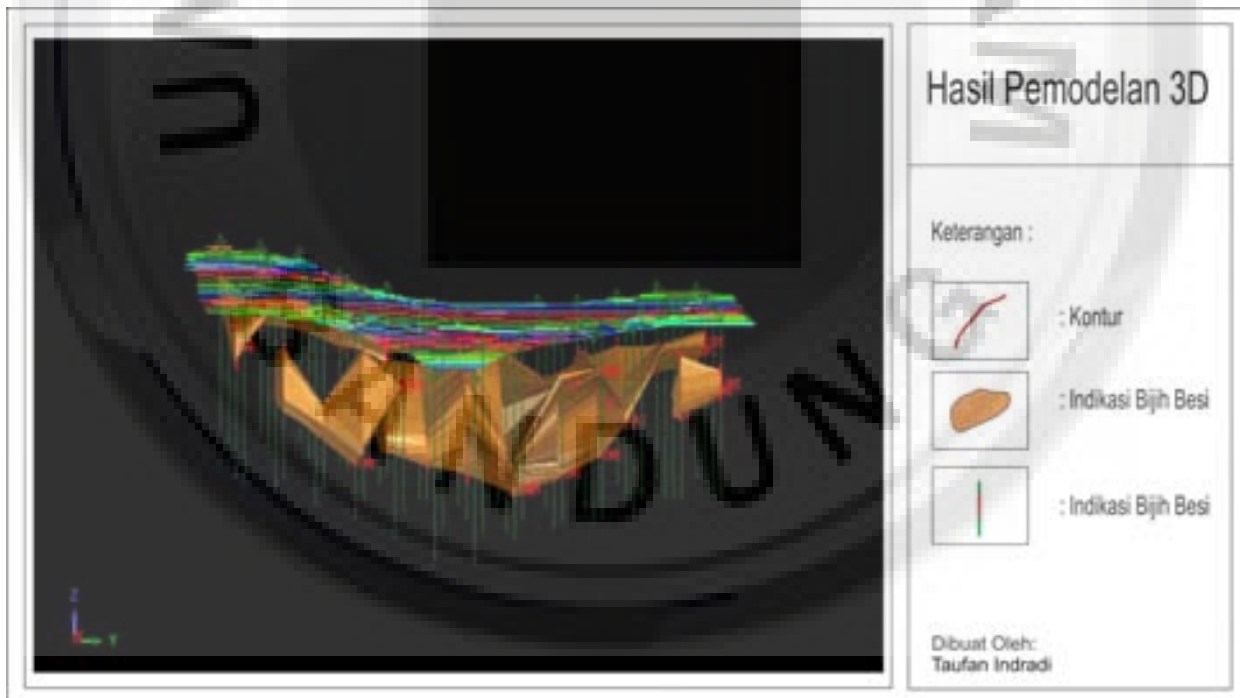
Gambar Lamiran A  
Penampang Estimasi Sumberdaya



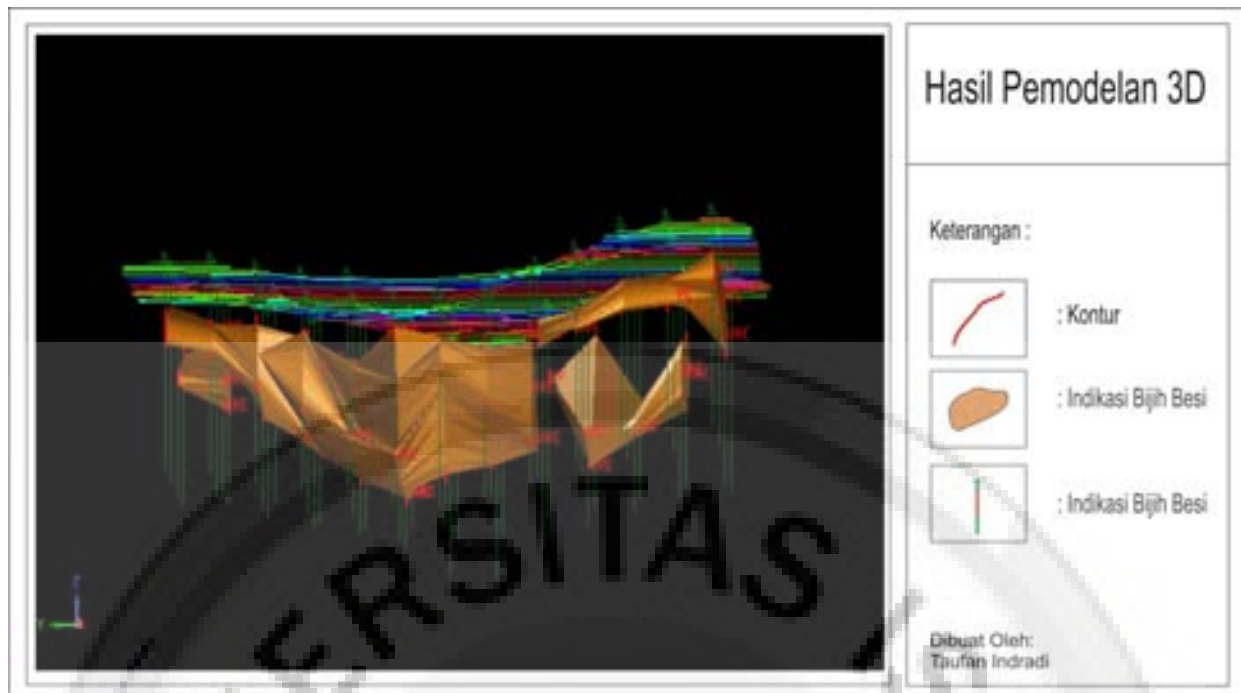
Gambar Lamiran A  
Penampang Estimasi Sumberdaya



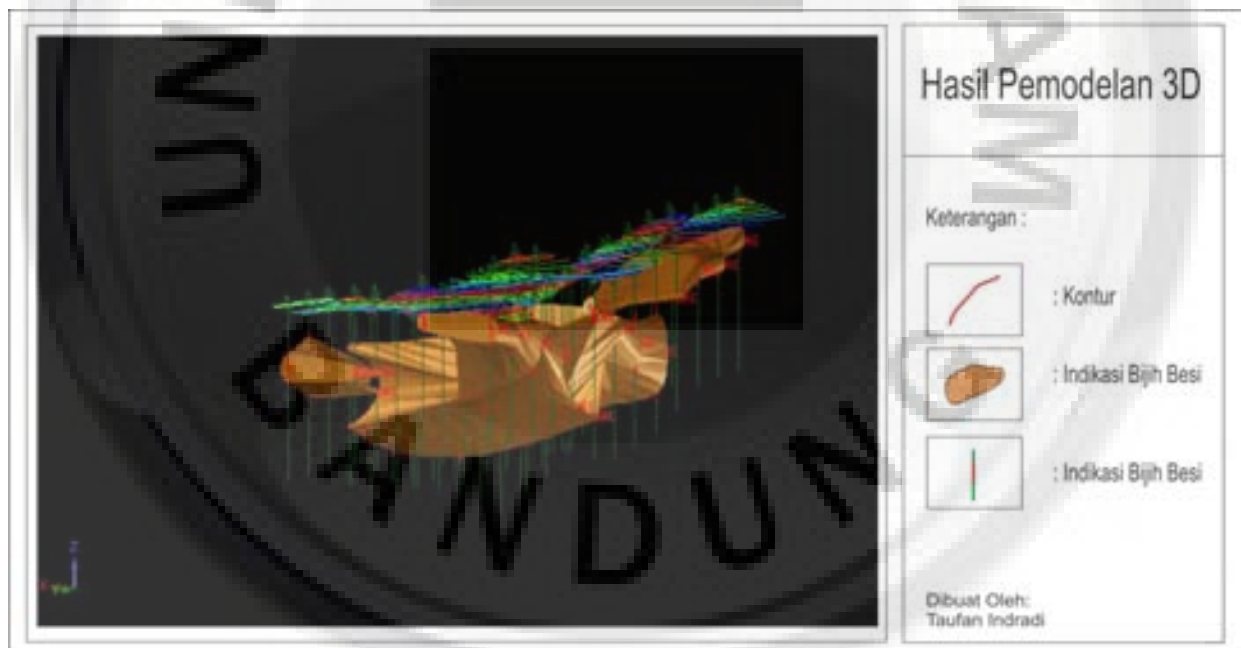
**Gambar Lampiran A  
Hasil Pemodelan Tampak 3D**



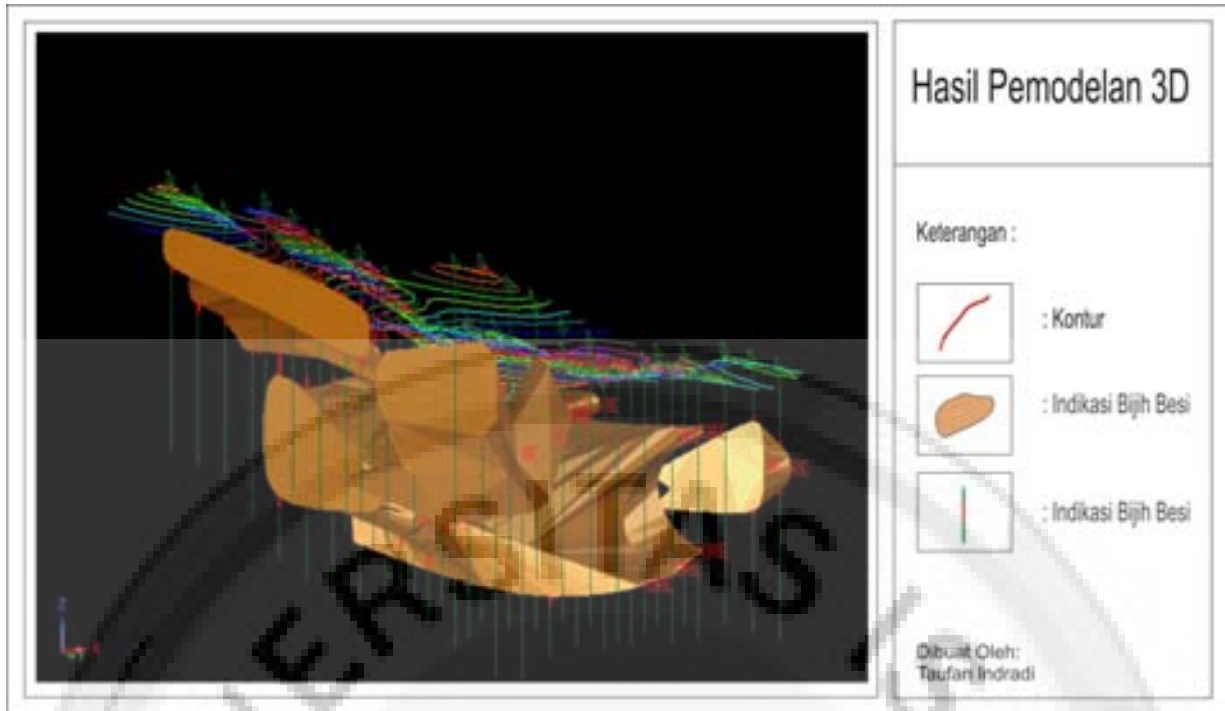
**Gambar Lampiran A  
Hasil Pemodelan Tampak Depan**



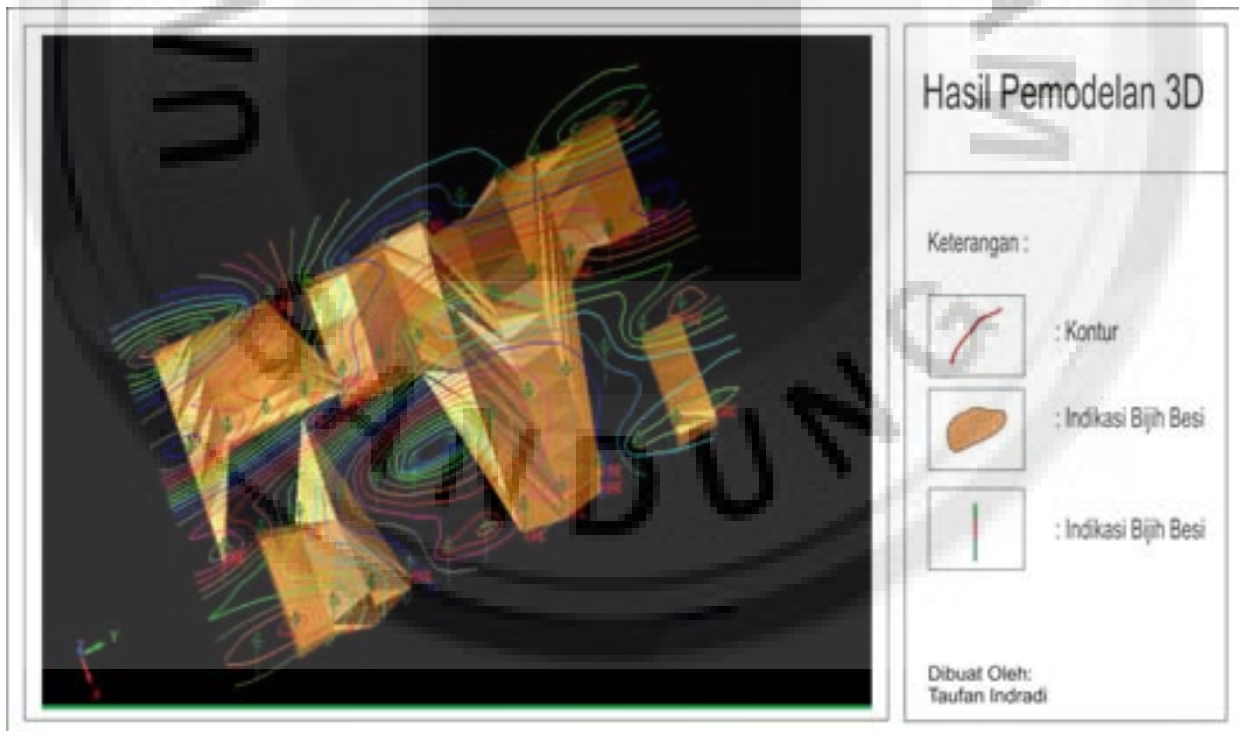
**Gambar Lampiran A**  
**Hasil Pemodelan Tampak Belakang**



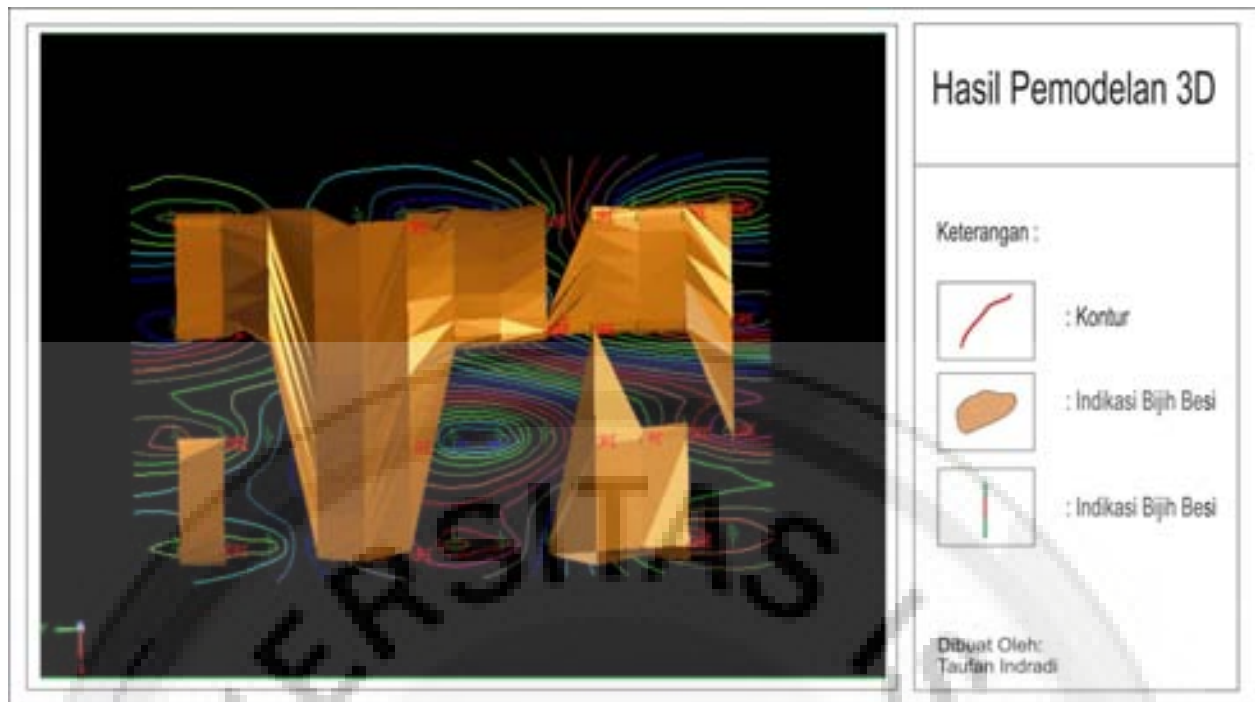
**Gambar Lampiran A**  
**Hasil Pemodelan Tampak Samping Kanan**



**Gambar Lampiran A**  
**Hasil Pemodelan Tampak Samping Kiri**

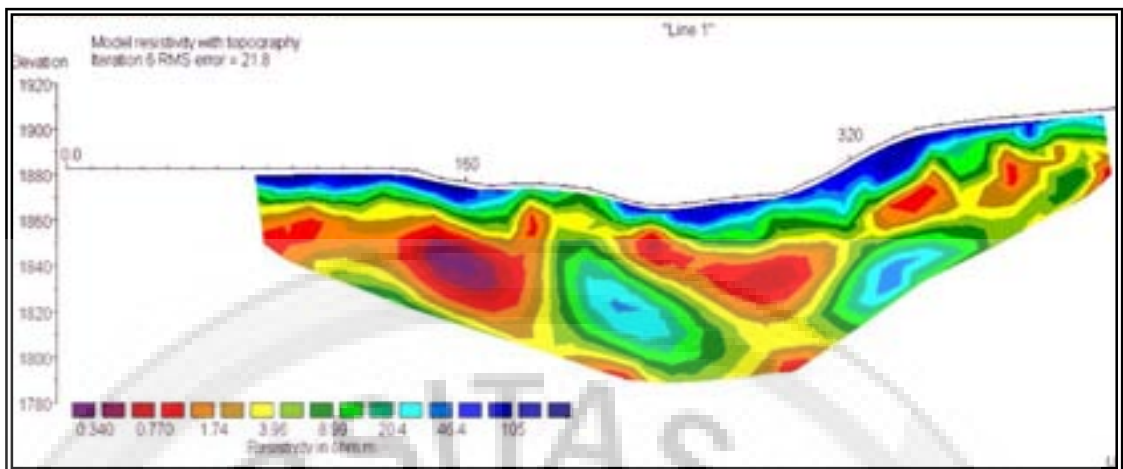


**Gambar Lampiran A**  
**Hasil Pemodelan Tampak Atas**

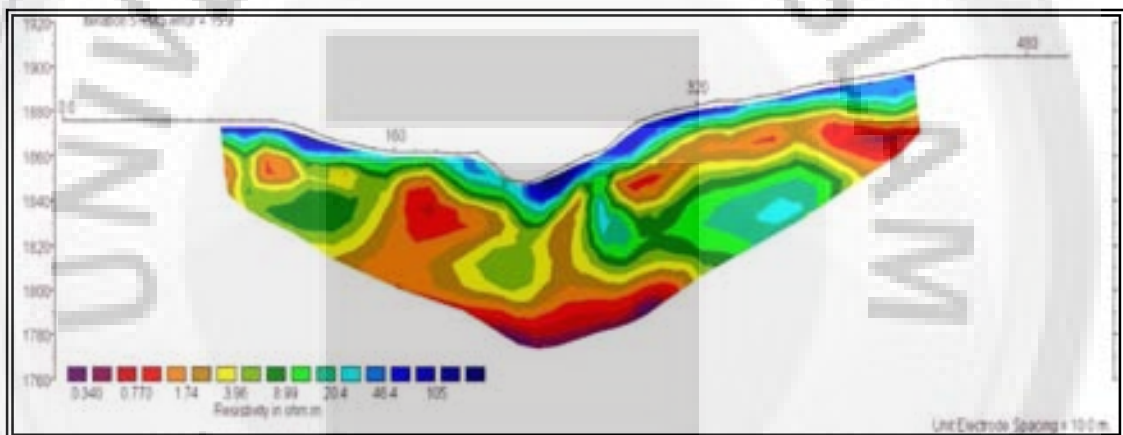


**Gambar Lampiran A**  
**Hasil Pemodelan Tampak Bawah**

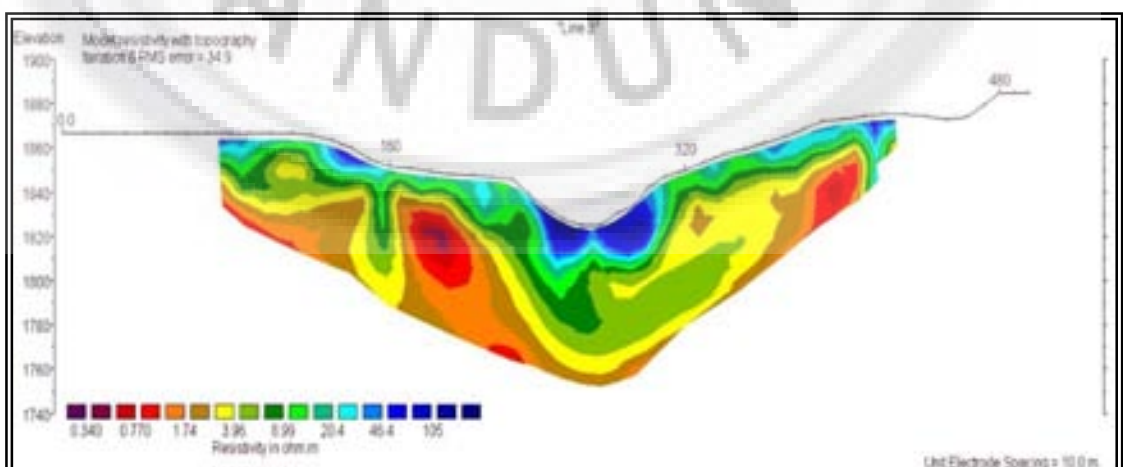




Gambar  
Hasil Pengamatan Geolistrik Line 1

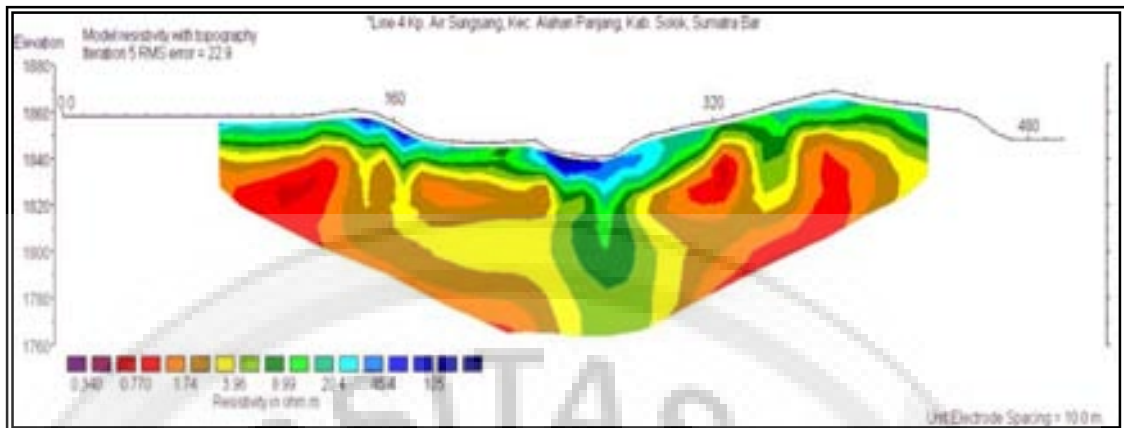


Gambar  
Hasil Pengamatan Geolistrik Line 2

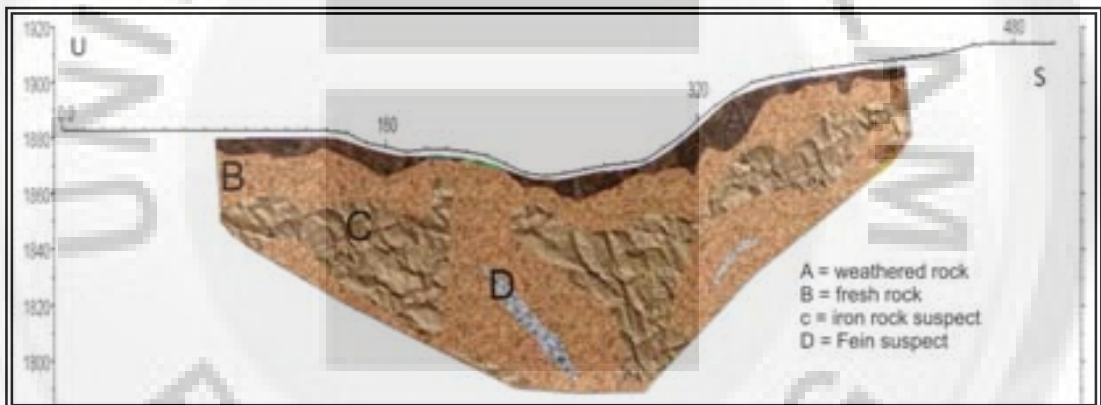


Gambar  
Hasil Pengamatan Geolistrik Line 3

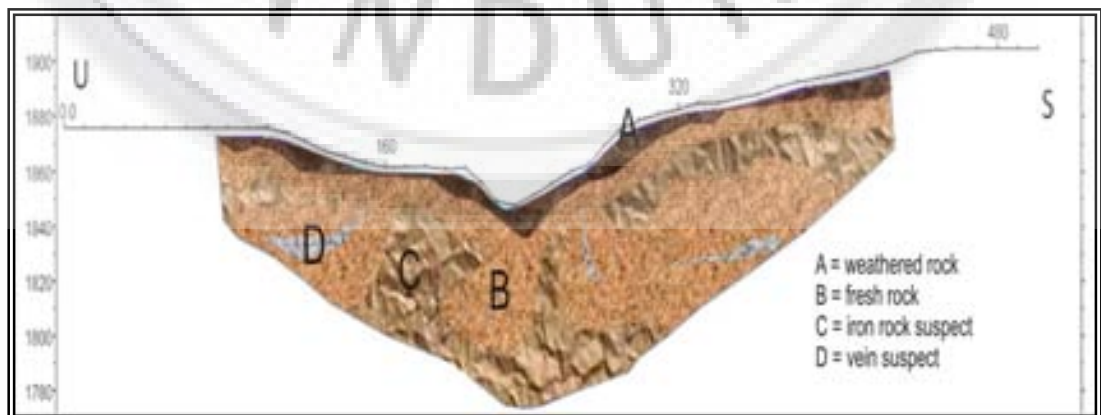




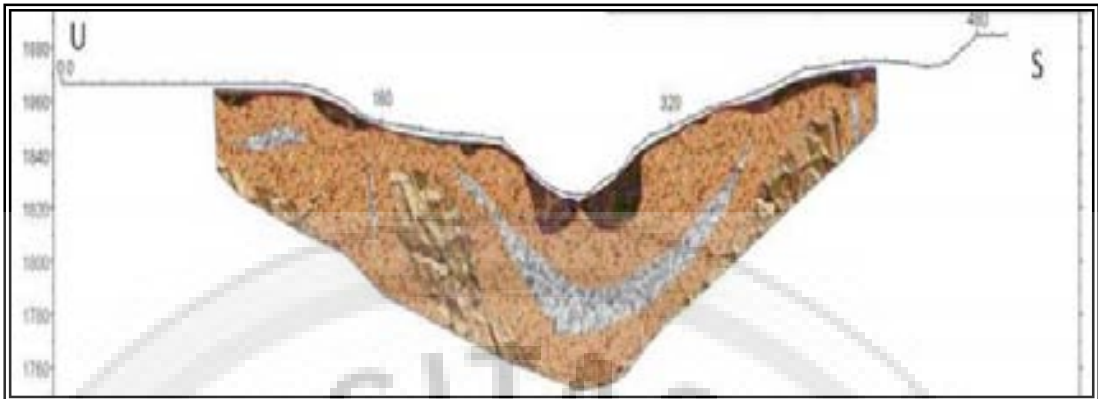
Gambar  
Hasil Pengamatan Geolistrik Line 4



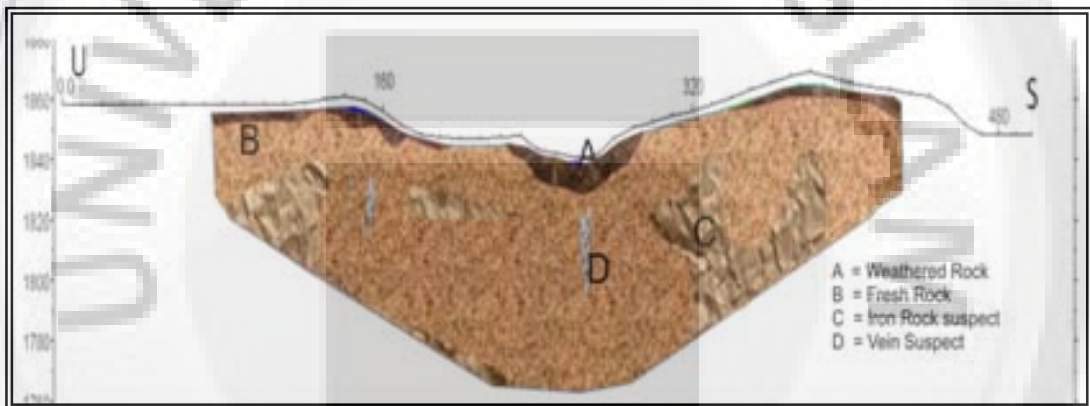
Gambar  
Hasil Interpretasi Metode Geoscan Line 1



Gambar  
Hasil Interpretasi Metode Geoscan Line 2



Gambar  
Hasil Interpretasi Metode Geoscan Line 3

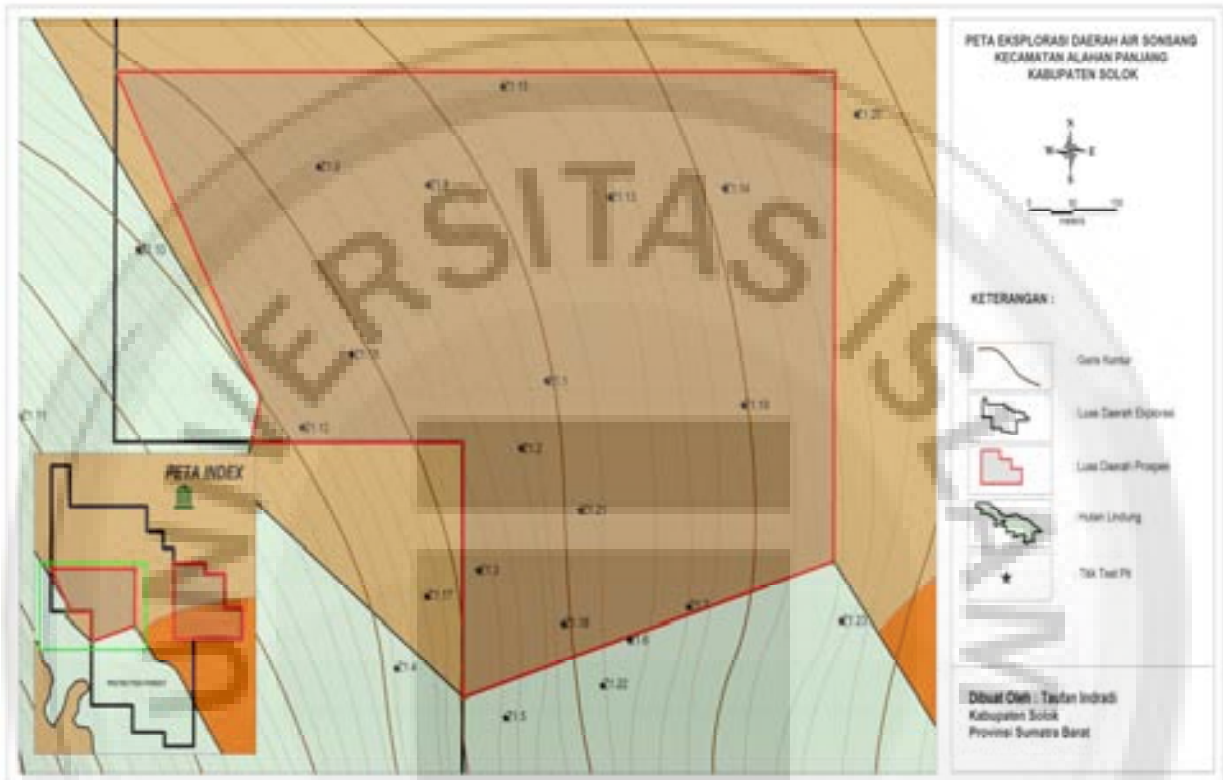


Gambar  
Hasil Interpretasi Metode Geoscan Line 4



## **LAMPIRAN C**

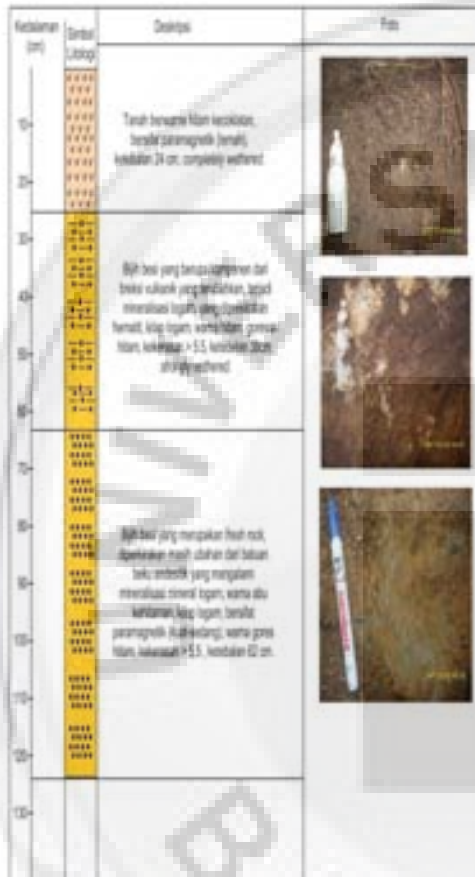
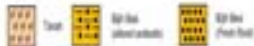
### **DATA SINGKAPAN DAN DATA TEST PIT**



### Test Pit ZE 1.1

Hari/Tanggal : Rabu, 23 Juni 2010 Dimensi : 10 m x 10 m x 10 m  
 Lokasi : Air Senggang (Blok 1) Geologi : Dkt R. Suleyo, ST.  
 Koordinat : 102° 47' 36.170" E, 01° 38' 26.713" S  
 Cuaca : Mendung

#### Simbol Litologi



### Test Pit ZE 1.2

Hari/Tanggal : Rabu, 23 Juni 2010 Dimensi : 10 m x 10 m x 10 m  
 Lokasi : Air Senggang (Blok 1) Geologi : Dkt R. Suleyo, ST.  
 Koordinat : 102° 47' 36.170" E, 01° 38' 26.713" S  
 Cuaca : Mendung

#### Simbol Litologi



### Test Pit ZE 1.3

Hari/Tanggal : Rabu, 23 Juni 2010 Dimensi : 103 cm x 84 cm x 118 cm  
 Lokasi : Air Senggang (Blak 1) Geologi : Zeti R. Sulisty, ST.  
 Koordinat : 102° 48' 58.43"E Eri Nugraha, ST.  
 01° 09' 32.17"S  
 Cuaca : Mendung

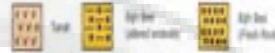
#### Simbol Lubang



### Test Pit ZE 1.4

Hari/Tanggal : Rabu, 23 Juni 2010 Dimensi : 95 cm x 103 cm x 120 cm  
 Lokasi : Air Senggang (Blak 1) Geologi : Zeti R. Sulisty, ST.  
 Koordinat : 102° 48' 58.43"E Eri Nugraha, ST.  
 01° 09' 32.17"S  
 Cuaca : Mendung Berkabut

#### Simbol Lubang



### Test Pit ZE 1.6

Hari/Tanggal : Rabu, 23 Juni 2010    Dimensi : 150 cm x 80 cm x 150 cm  
 Lokasi : Ar Sengang (Blak 1)    Geologi : Ziri R. Sulisty, ST.  
 Koordinat : 100° 47' 03,97"BT    Eri Nugraha, ST.  
 01° 09' 34,11"LS  
 Cuaca : Cerah

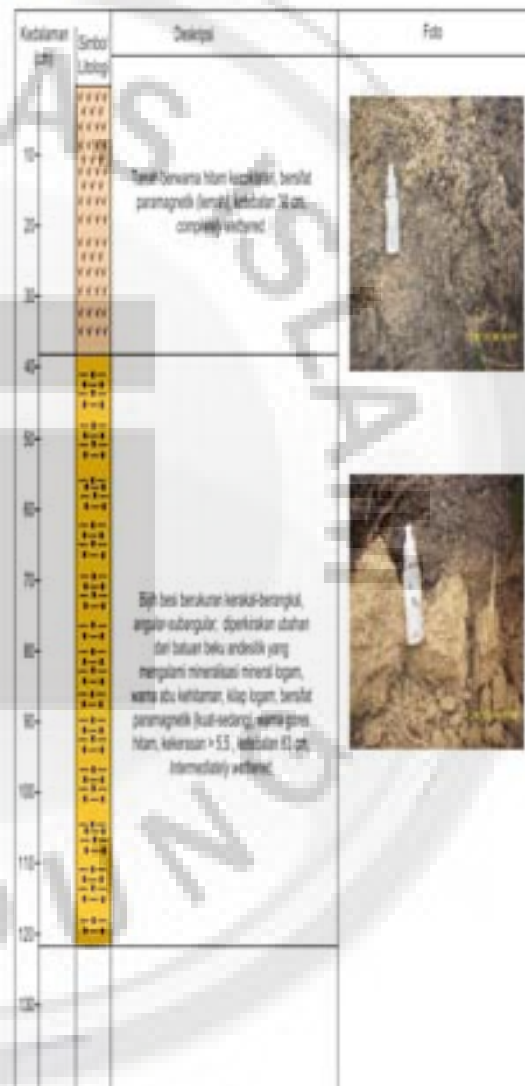
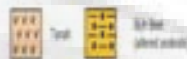
#### Simbol Litologi



### Test Pit ZE 1.7

Hari/Tanggal : Rabu, 23 Juni 2010    Dimensi : 87 cm x 80 cm x 120 cm  
 Lokasi : Ar Sengang (Blak 1)    Geologi : Ziri R. Sulisty, ST.  
 Koordinat : 100° 46' 56,47"BT    Eri Nugraha, ST.  
 01° 09' 32,11"LS  
 Cuaca : Berawan Berkabut

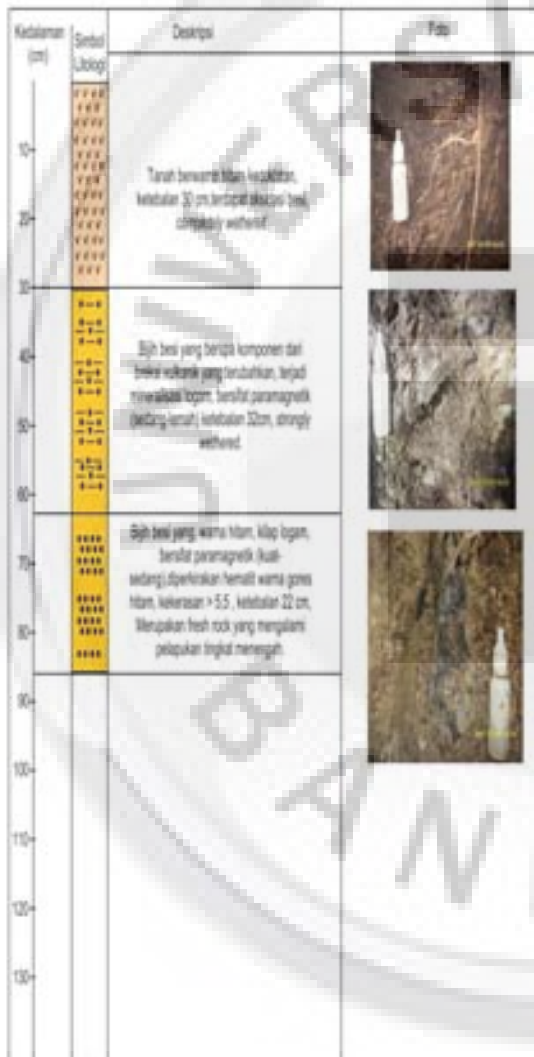
#### Simbol Litologi



### Test Pit ZE 1.9

Hari/Tanggal : Kamis, 24 Juni 2010 Dimensi : 108 cm x 76 cm x 94 cm  
 Lokasi : Air Sengang (Blok 1) Geologist : Zhe R. Suleyo, ST.  
 Koordinat : 100° 40' 52,79"E Eri Nugraha, ST.  
 01° 09' 25,91"S  
 Cuaca : Cerah

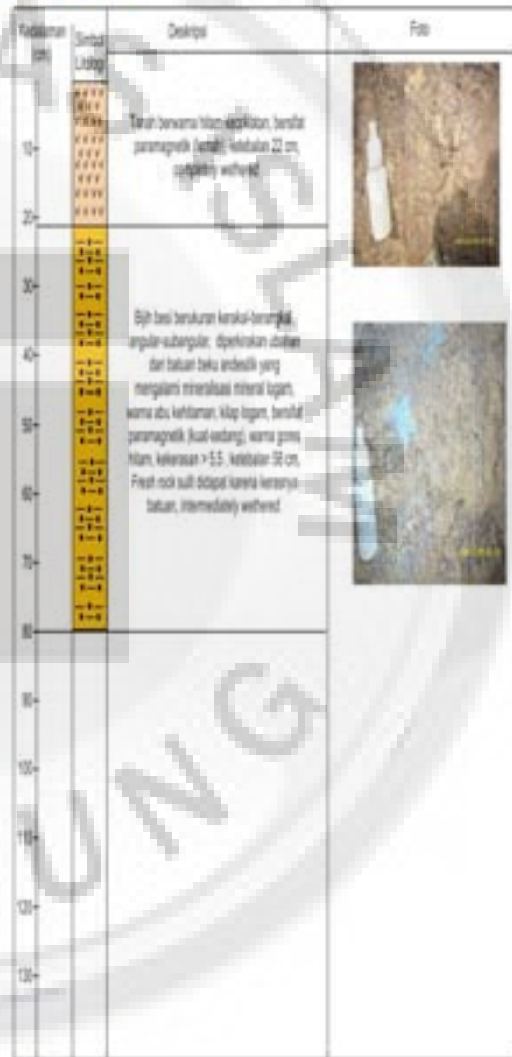
#### Simbol Litologi



### Test Pit ZE 1.10

Hari/Tanggal : Kamis, 23 Juni 2010 Dimensi : 112 cm x 63 cm x 86 cm  
 Lokasi : Air Sengang (Blok 1) Geologist : Zhe R. Suleyo, ST.  
 Koordinat : 100° 40' 48,76"E Eri Nugraha, ST.  
 01° 09' 23,71"S  
 Cuaca : Teik

#### Simbol Litologi





### Test Pit ZE 1.11

Hari/Tanggal : Kamis, 24 Jun 2010 Dimensi : 90 cm x 90 cm x 134 cm  
 Lokasi : Air Senggang (Blok 1) Geodetik : Dik R. Subejo, ST.  
 Koordinat : 102° 48' 41,49"E Erit Nupaha, ST.  
 01° 08' 27,71"S  
 Cuaca : Terik

#### Simbol Litologi



Kedalaman (cm)	Simbol Litologi	Deskripsi	Foto
0-45	Tanah	Tanah berwarna coklat, berbatu, paramagnetik (leleh), ketebalan 45 cm, completely weathered.	
45-77	Biji besi (kandungan)	Biji besi yang tercampur komponen dari breksi vulkanik yang terubahkan, terjadi mineralisasi logam, yang diperkaya hematit, klap logam, warna hitam, gresam hitam, ketebalan > 5.5, ketebalan 25cm, merupakan leaching zone, strongly weathered.	
77-134	Biji besi (Pasir/Kal)	Biji besi yang merupakan heavy rock, diperkaya masih abahan dari batuan beku andesitik yang mengalami mineralisasi logam, klap abu hitam, klap logam, berbatu paramagnetik (just-oxidized), ketebalan 41 cm, immediately weathered.	

### Test Pit ZE 1.12

Hari/Tanggal : Kamis, 23 Jun 2010 Dimensi : 60 cm x 90 cm x 80 cm  
 Lokasi : Air Senggang (Blok 1) Geodetik : Dik R. Subejo, ST.  
 Koordinat : 102° 48' 51,39"E Erit Nupaha, ST.  
 01° 08' 28,11"S  
 Cuaca : Gerimis

#### Simbol Litologi



Kedalaman (cm)	Simbol Litologi	Deskripsi	Foto
0-30	Tanah	Tanah berwarna hitam/kecoklatan, berbatu paramagnetik (leleh) terdapat skala besi, ketebalan 30 cm, completely weathered.	
30-77	Biji besi (kandungan)	Biji besi berukuran kerakal-kerangkal, subangular-subrounded warna hitam, klap logam, berbatu paramagnetik (leleh), warna gresam hitam ketebalan > 5.5, ketebalan 77 cm, tercampur-wilangul telah teroksidasi strongly weathered.	

### Test Pit ZE 1.13

Hari/Tanggal : Kamis, 23 Juni 2010    Dimensi : 80cm x 80 cm x 120 cm  
 Lokasi : Air Senggang (Blok 1)    Geologi : Zon R, Sublaya ST.  
 Koordinat : 100° 47' 00,278"    Eri Nugraha, ST.  
                   9° 1' 09' 20,975"  
 Cuaca : Cerah

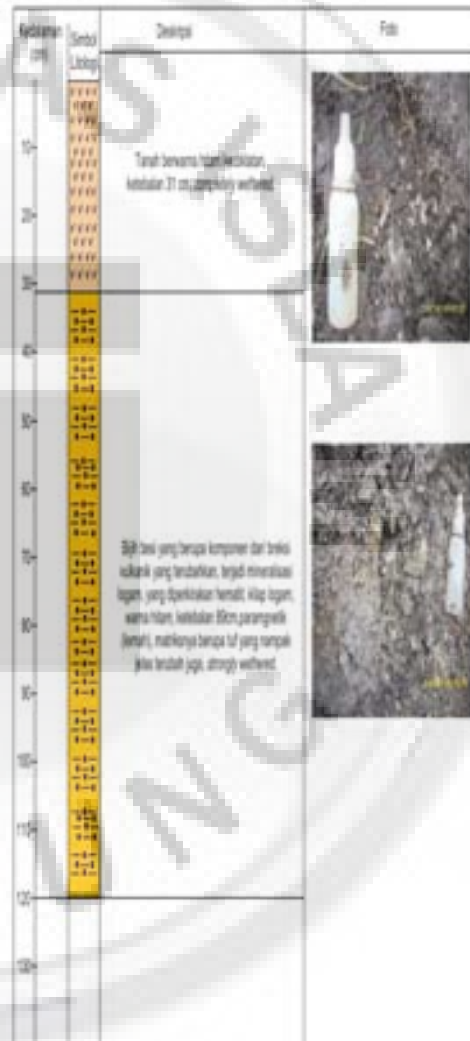
Symbol Legging



### Trenching ZE 1.14

Hari/Tanggal : Kamis, 23 Juni 2010    Dimensi : 220cm x 60cm x 120 cm  
 Lokasi : Air Senggang (Blok 1)    Geologi : Zon R, Sublaya ST.  
 Koordinat : 100° 47' 00,278"    Eri Nugraha, ST.  
                   9° 1' 09' 20,975"    Azimut : N 134° E  
 Cuaca : Cerah

Symbol Legging



### Trenching ZE 1.15

Hari/Tanggal : Sabtu, 26 Juni 2010 Dimensi : 90 cm x 94 cm x 130 cm  
 Lokasi : Ar-Songang (Blok 1) Geologis : Ziri R. Sulisty, ST.  
 Koordinat : 10° 45' 58,79" Eri Nugraha, ST.  
 01° 07' 10,91" S Azimut : N 212° E  
 Cuaca : Cerah

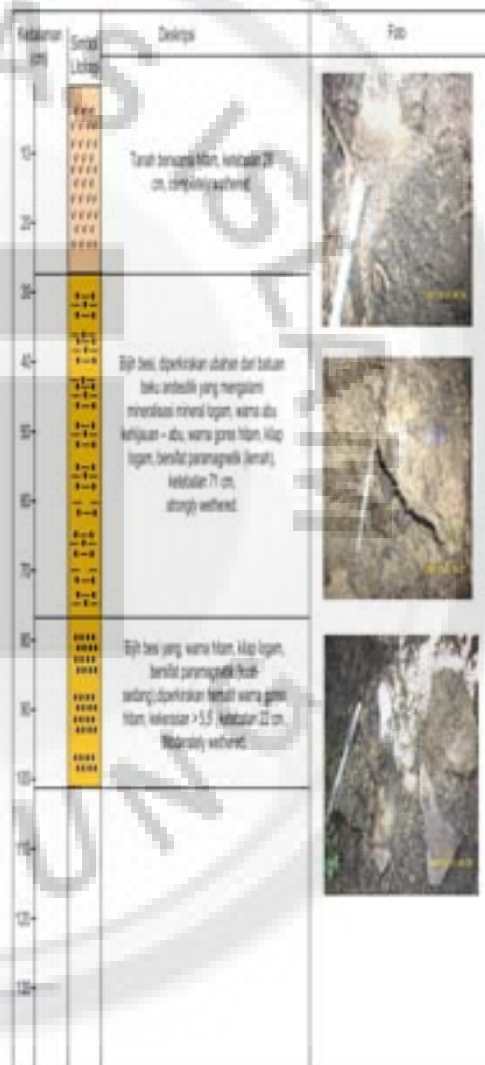
Simbol Litologi



### Test Pit ZE 1.16

Hari/Tanggal : Sabtu, 26 Juni 2010 Dimensi : 90 cm x 77 cm x 102 cm  
 Lokasi : Ar-Songang (Blok 1) Geologis : Ziri R. Sulisty, ST.  
 Koordinat : 10° 45' 58,79" Eri Nugraha, ST.  
 01° 07' 28,11" S Azimut : N 212° E  
 Cuaca : Cerah

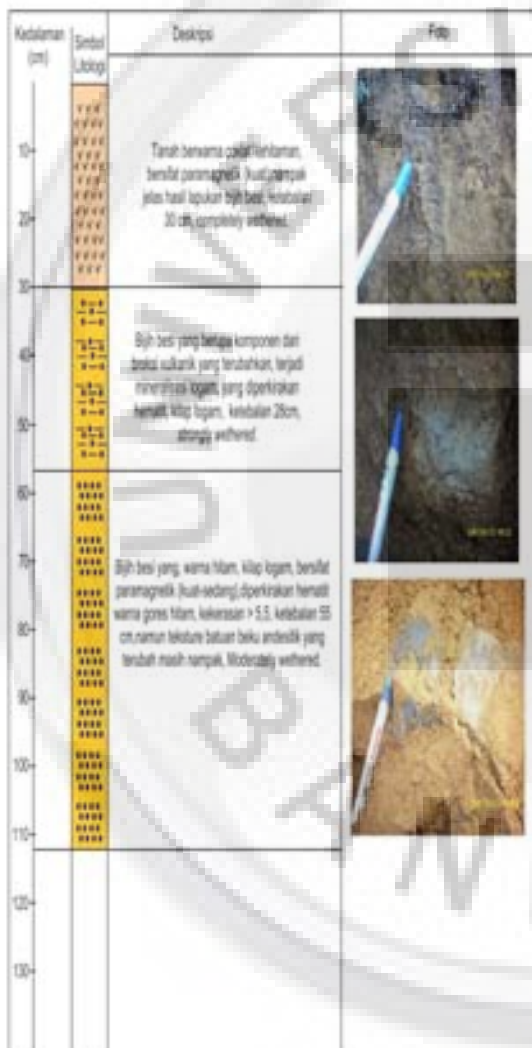
Simbol Litologi



### Trencing ZE 1.17

Hari/Tanggal : Sabtu, 26 Juni 2010 Dimensi : 43 cm x 108 cm x 110 cm  
 Lokasi : Ar Sengang (Blok 1) Geologis : Zikri R. Sulisty, ST.  
 Koordinat : 100° 48' 58,4"BT Eri Nugraha, ST.  
 01° 09' 33,91.S Azimut : N 10° E  
 Cuaca : Terik

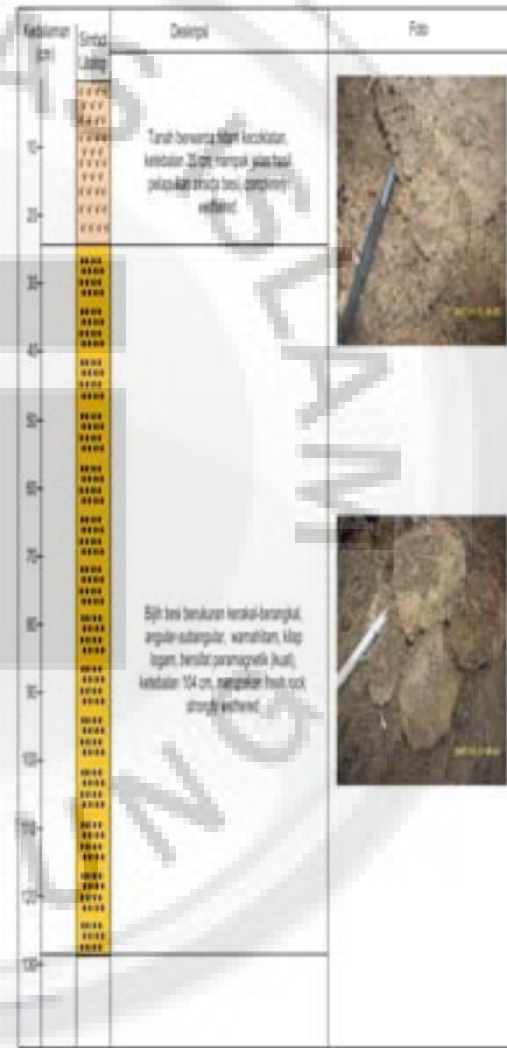
#### Simbol Lubang



### Trencing ZE 1.18

Hari/Tanggal : Sabtu, 26 Juni 2010 Dimensi : 42 cm x 144 cm x 129 cm  
 Lokasi : Ar Sengang (Blok 1) Geologis : Zikri R. Sulisty, ST.  
 Koordinat : 100° 47' 01,8"BT Eri Nugraha, ST.  
 01° 09' 33,91.S Azimut : N 10° E  
 Cuaca : Mendung

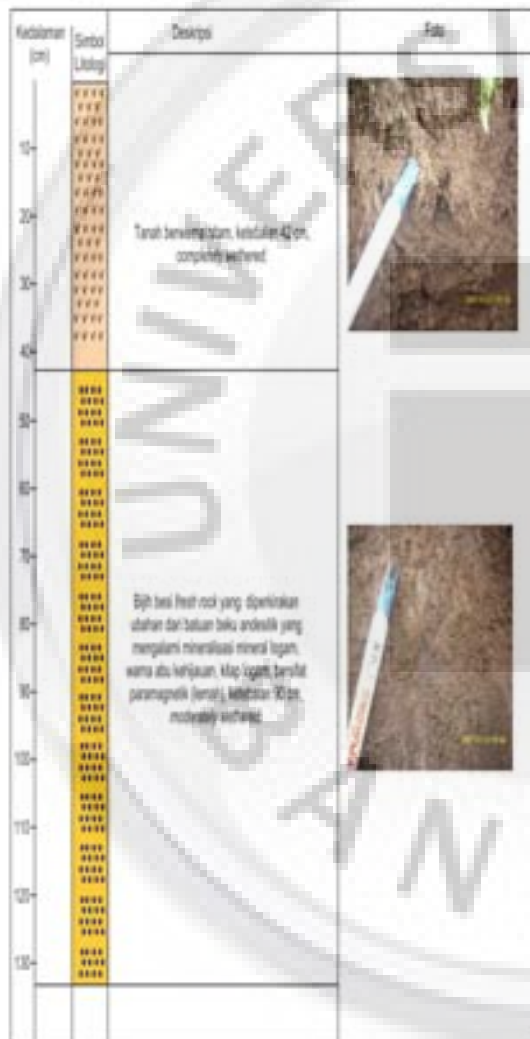
#### Simbol Lubang



### Test Pit 1.19

Hari/Tanggal : Sabtu, 26 Jun 2010 Dimensi : 100cm x 70 cm x 132 cm  
 Lokasi : Air Senggang (Blok 1) Geologit : Zki R. Sulejca ST.  
 Koordinat : 107° 47' 08,27E Eri Nugraha ST.  
 07° 09' 27,11S  
 Cuaca : Gerimis

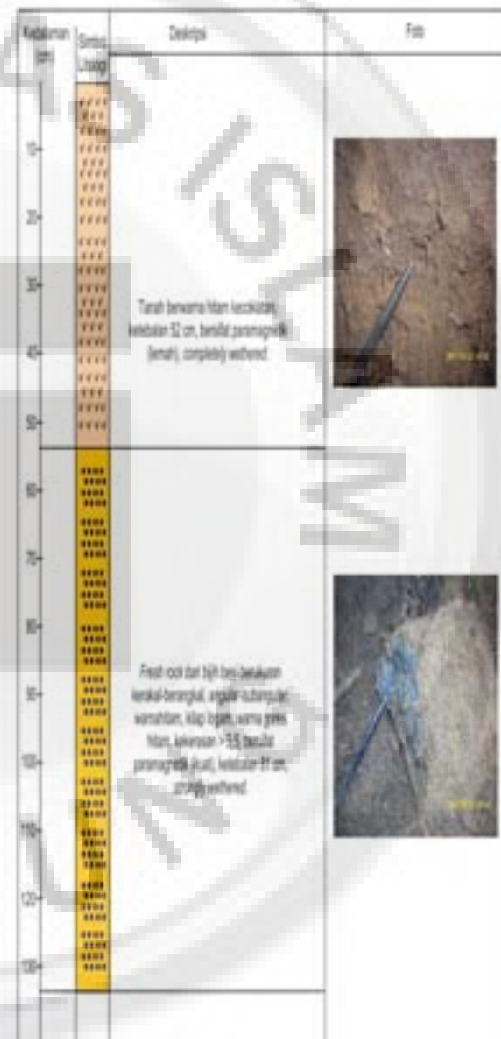
#### Simbol Litologi



### Trencing ZE 1.20

Hari/Tanggal : Sabtu, 26 Jun 2010 Dimensi : 480cm x 80 cm x 132 cm  
 Lokasi : Air Senggang (Blok 1) Geologit : Zki R. Sulejca ST.  
 Koordinat : 107° 47' 16,27E Eri Nugraha ST.  
 07° 09' 12,21S Azimut : N 104° E  
 Cuaca : Gerimis

#### Simbol Litologi



### Test Pit ZE 1.21

Hari/Tanggal : Minggu, 27 Juni 2010    Dimensi : 81 cm x 108 cm x 137 cm  
 Lokasi : Ar Senggang (Blok 1)    Geologi : Zka R, Sublaye, ST.  
 Koordinat : 102° 47' 02,19"BT    Eri Nagraka, ST.  
 01° 09' 30,21"LS  
 Cuaca : Cerah

#### Simbol Litologi



### Trenching ZE 1.22

Hari/Tanggal : Minggu, 27 Juni 2010    Dimensi : 335 cm x 74 cm x 113 cm  
 Lokasi : Ar Senggang (Blok 1)    Geologi : Zka R, Sublaye, ST.  
 Koordinat : 102° 48' 35,27"BT    Eri Nagraka, ST.  
 01° 09' 35,21"LS    Azimut : N 198° E  
 Cuaca : Cerah

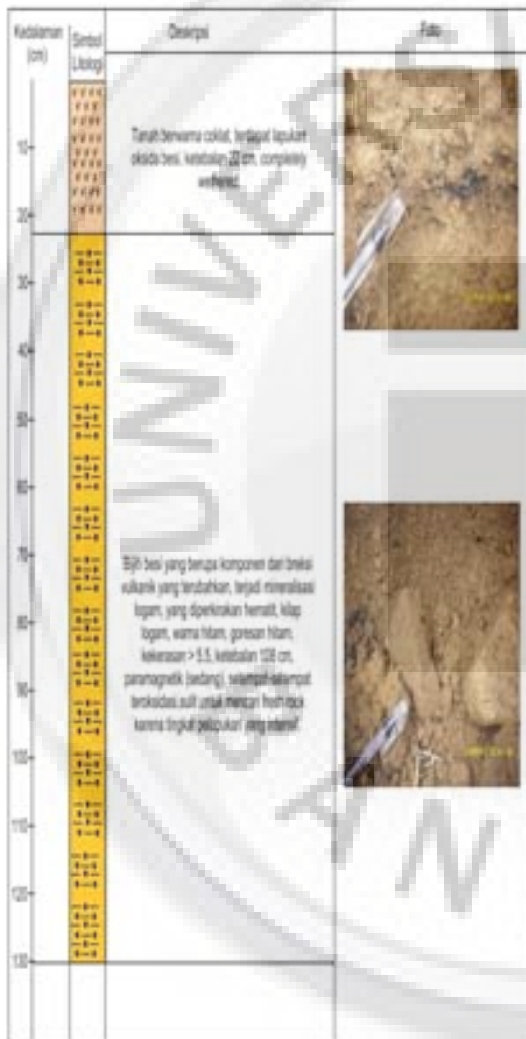
#### Simbol Litologi



### Test Pit ZE 1.23

Hari/Tanggal : Minggu, 27 Juni 2010    Dimensi : 107 cm x 79 cm x 130 cm  
 Lokasi : Air Sengiang (Blok I)    Geologis : Zeki R. Sulejyo, ST.  
 Koordinat : 100° 47' 11,751"    Eri Nugraha, ST.  
                   01° 09' 33,015"  
 Cuaca : Mendung

#### Simbol Lubang



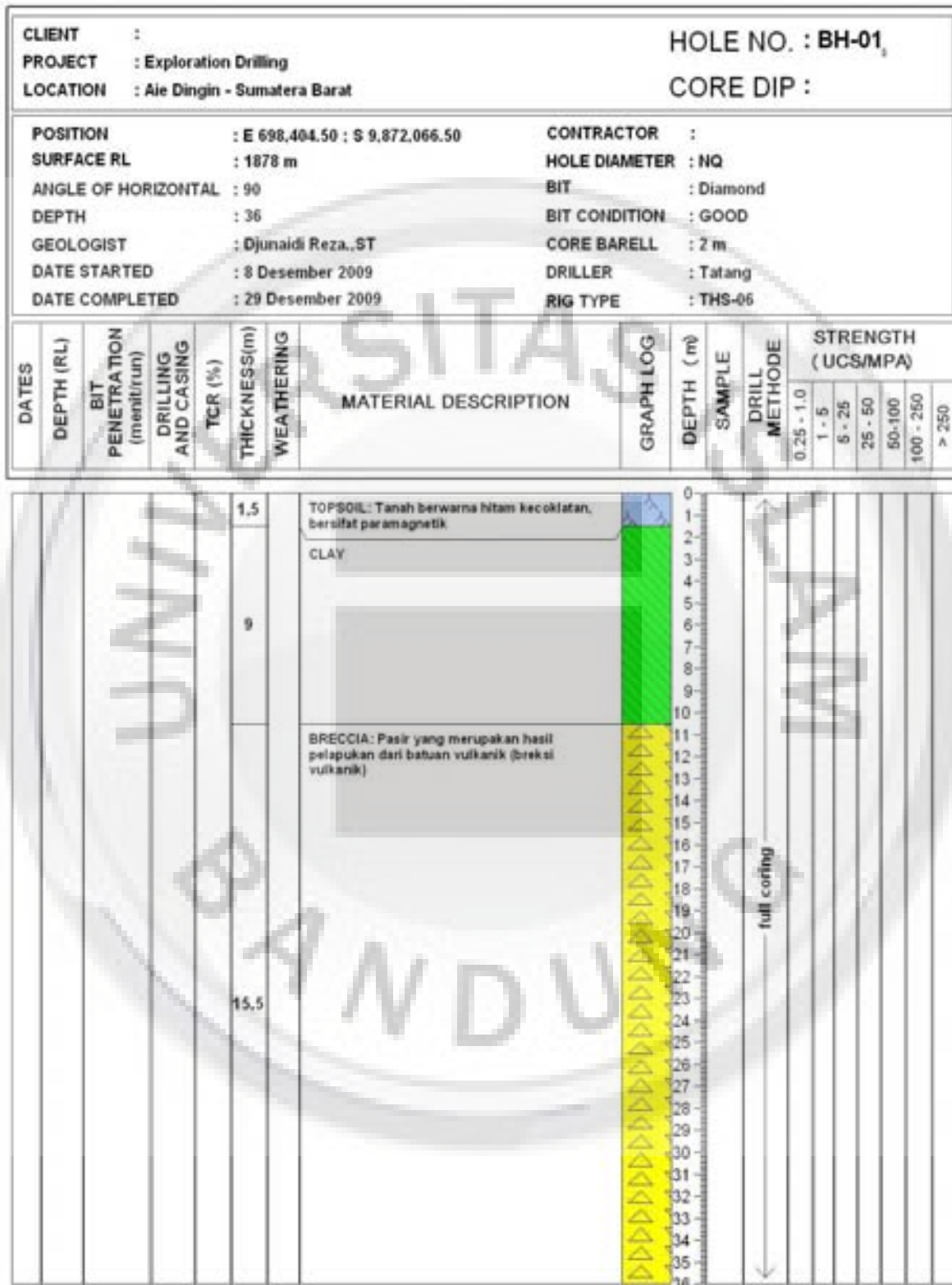




**Tabel Lampiran D**  
**Perhitungan Estimasi Sumberdaya**

Penampang	Luas Area ( $m^2$ )	Jarak Interval (m)	Volume ( $m^3$ )
LA	1575	25	44775
LB	2007	25	40850
LC	1261	25	99300
LD	6683	25	139912.5
LE	4510	25	90550
LF	2734	25	61562.5
LG	2191	25	44750
LH	1389	25	43712.5
LI	2108	25	57262.5
LJ	2473	25	48487.5
LK	1406	25	48300
LL	2458	25	56175
LM	2036		
Jumlah Total			775637.5
Density ( $ton/m^3$ )			4.8
Tonase (ton)			3723060
Geological losses 5%			186153.0
Tonase (ton)			3536907

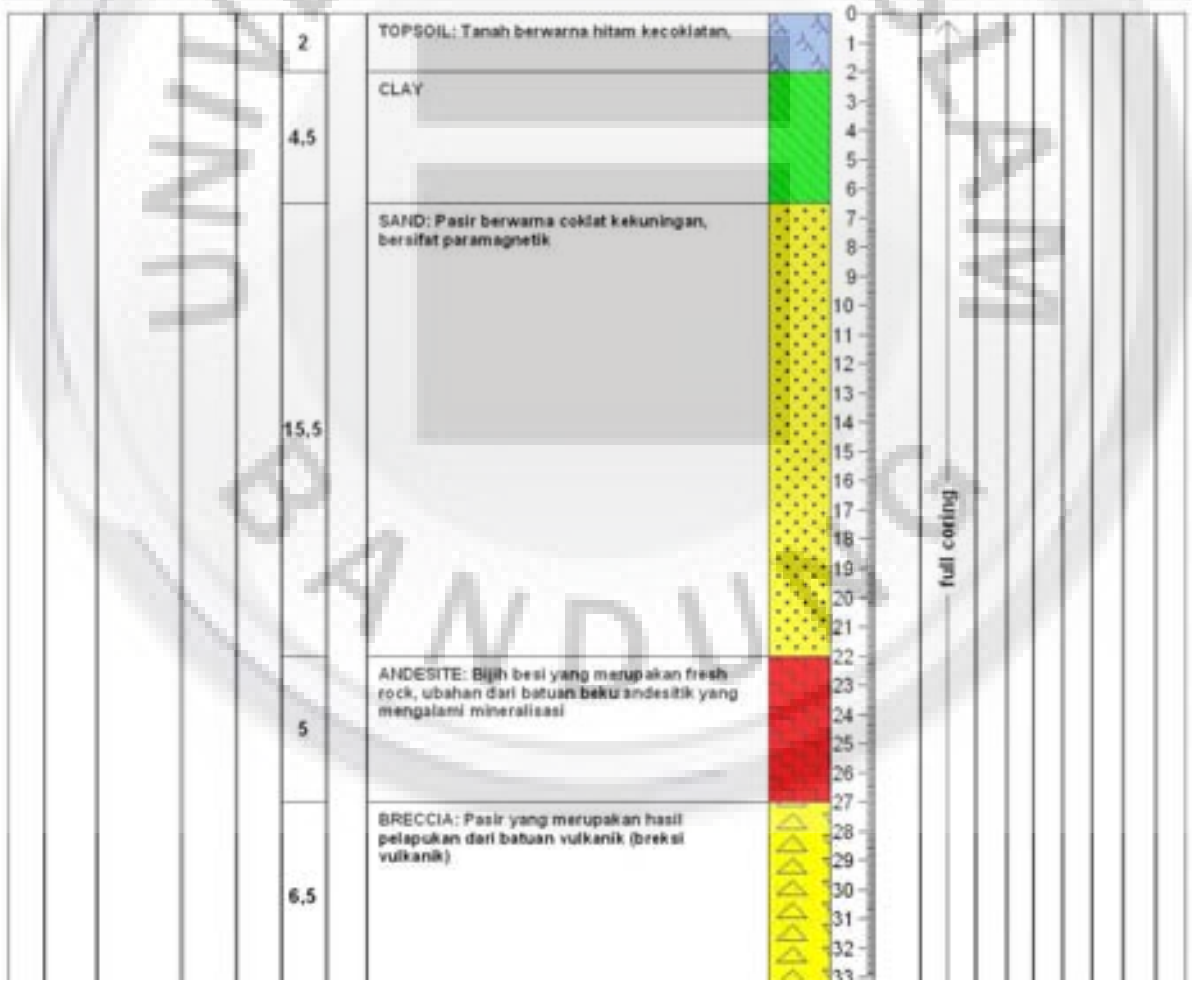


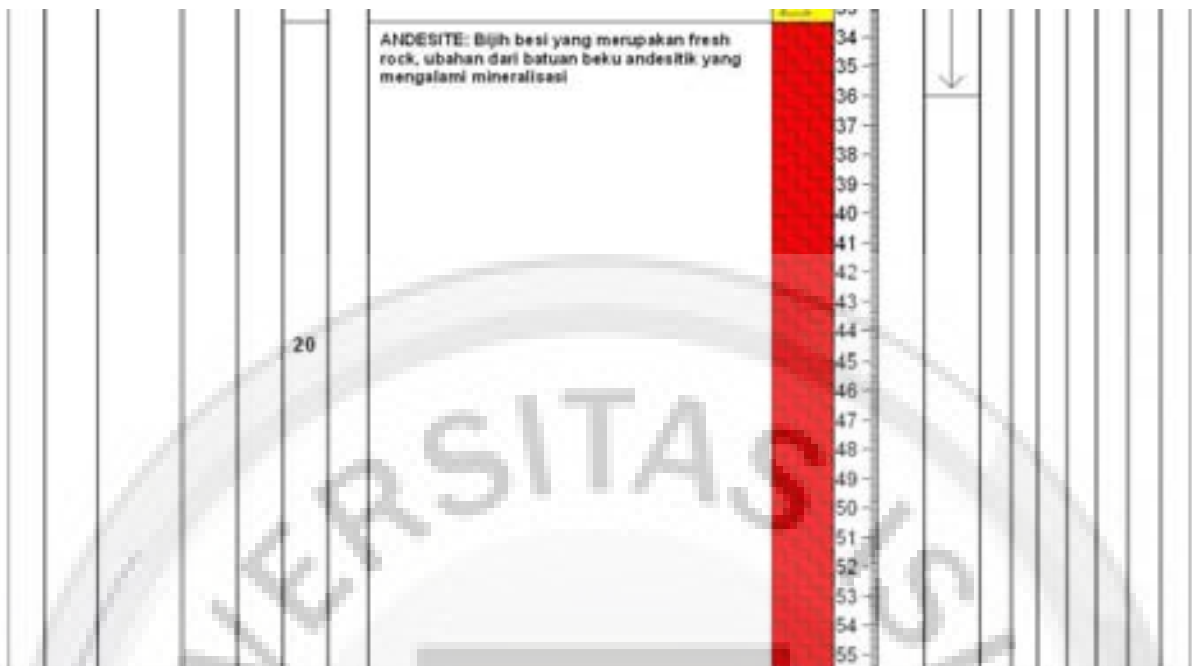


Gambar Lampiran E  
Hasil Penampang Bor Hole 1

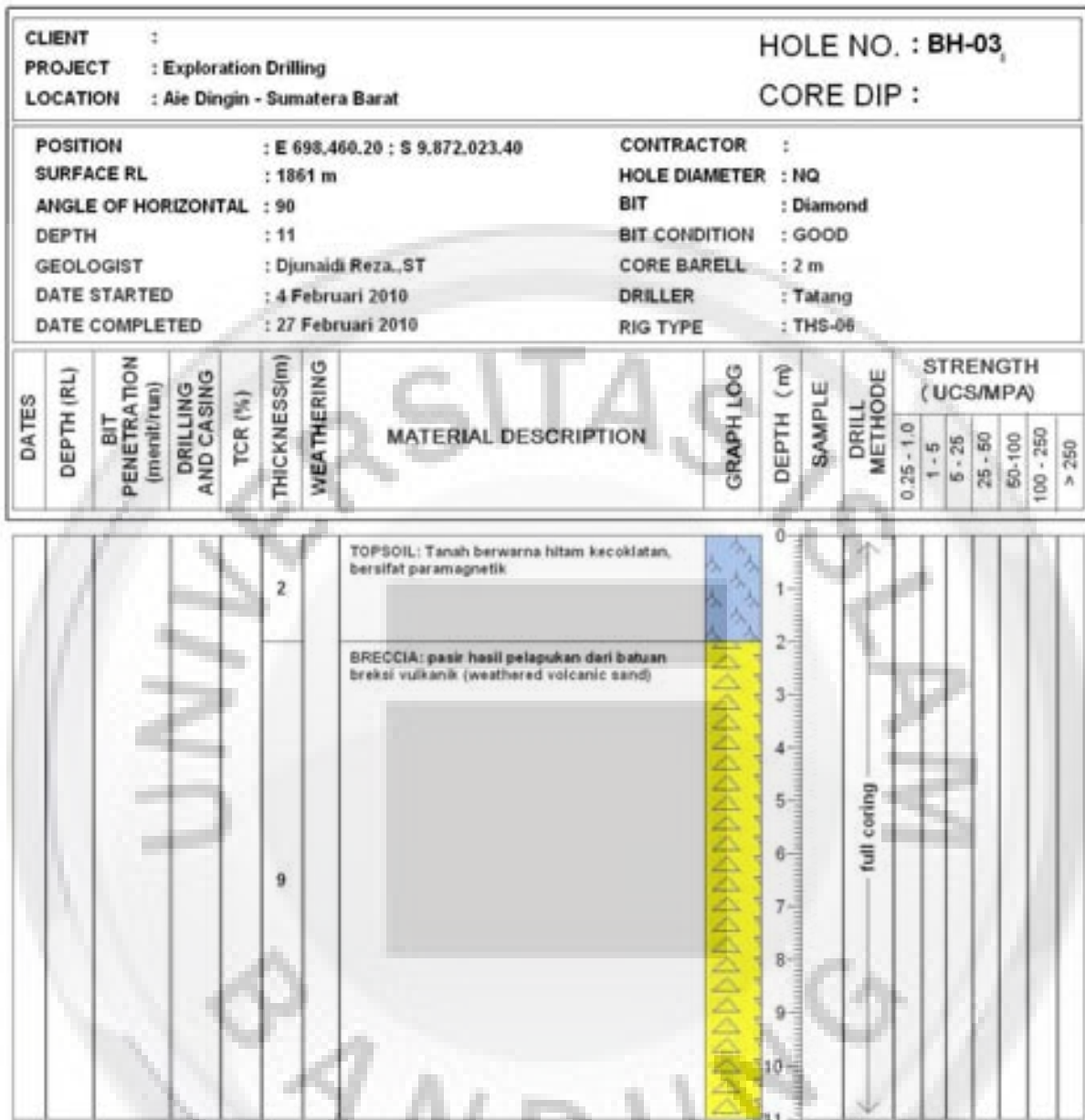
CLIENT :		HOLE NO. : BH-02
PROJECT : Exploration Drilling		CORE DIP :
LOCATION : Aie Dingin - Sumatera Barat		
POSITION : E 698413.8 ; S 9,871,925.19	CONTRACTOR :	
SURFACE RL : 1869 m	HOLE DIAMETER : NQ	
ANGLE OF HORIZONTAL : 90	BIT : Diamond	
DEPTH : 55,5	BIT CONDITION : GOOD	
GEOLOGIST : Djunaidi Reza.,ST	CORE BARELL : 2 m	
DATE STARTED : 30 Desember 2009	DRILLER : Tatang	
DATE COMPLETED : 2 Februari 2010	RIG TYPE : THS-06	

DATES	DEPTH (RL)	BIT PENETRATION (ment/run)	DRILLING AND CASING	TCR (%)	THICKNESS(m)	WEATHERING	MATERIAL DESCRIPTION	GRAPH LOG	DEPTH (m)	SAMPLE	DRILL METHODE	STRENGTH ( UCS/MPA)					
												0.25 - 1.0	1 - 5	5 - 25	25 - 50	50-100	100 - 250





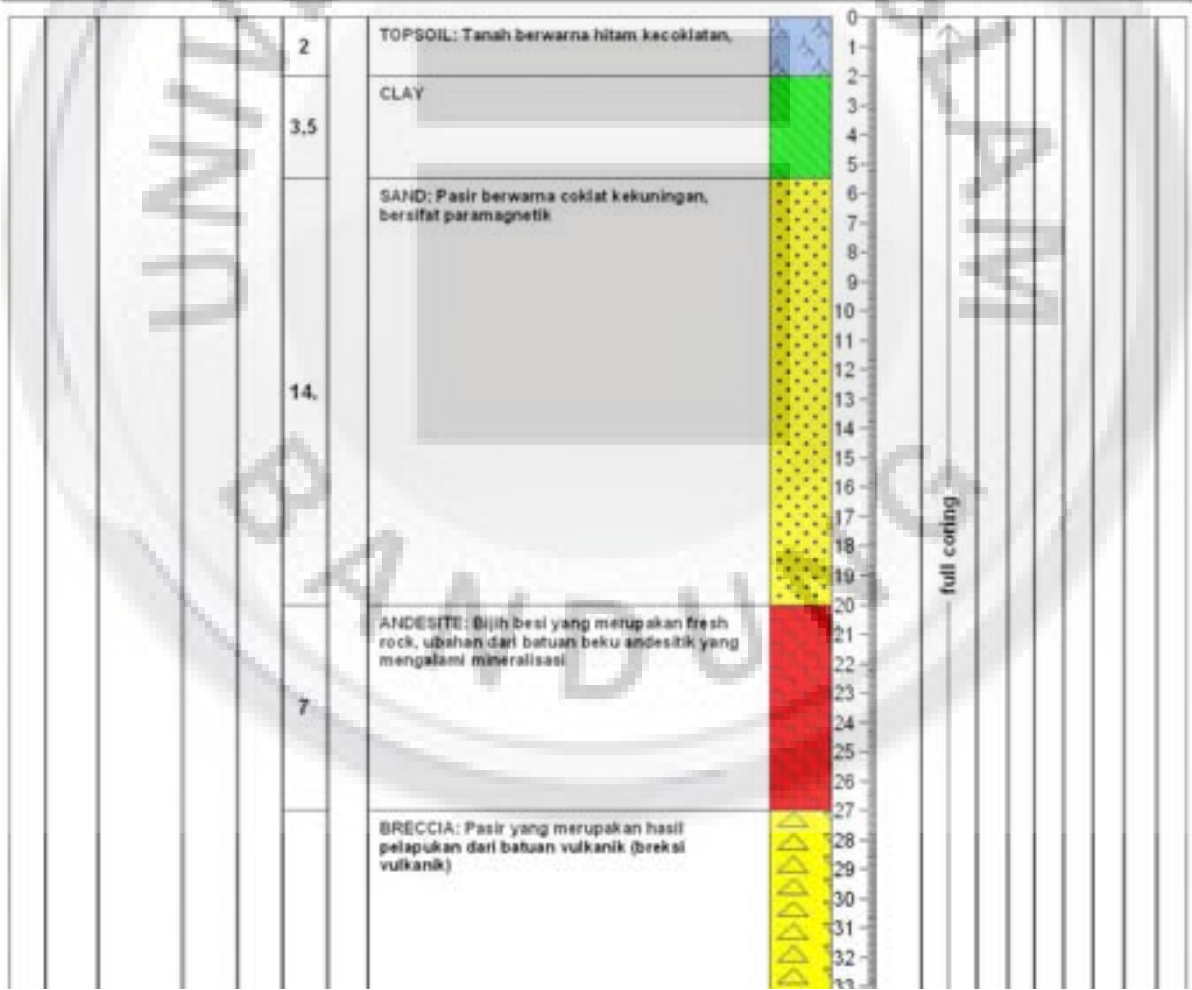
Gambar Lampiran E  
Hasil Penampang Bor Hole 2

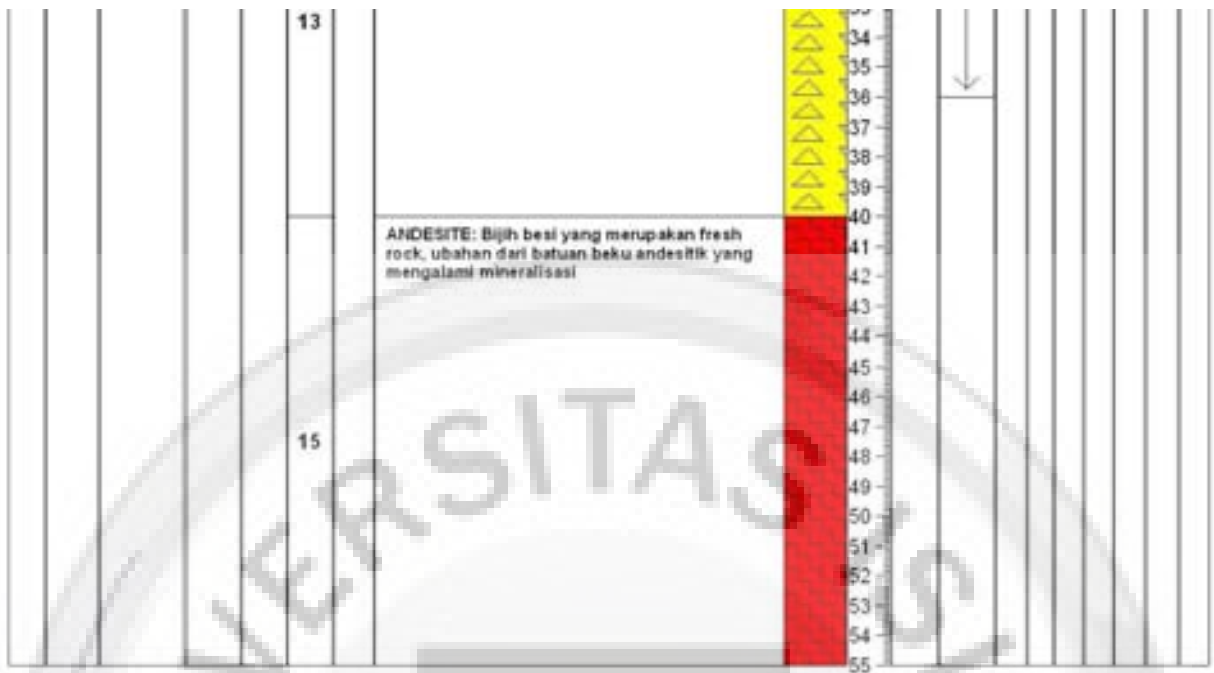


Gambar Lampiran E  
 Hasil Penampang Bor Hole 3

CLIENT :		HOLE NO. : BH-04,
PROJECT : Exploration Drilling		CORE DIP :
LOCATION : Aie Dingin - Sumatera Barat		
POSITION : E 698,441.59 ; S 9,893,725.19	CONTRACTOR :	
SURFACE RL : 1869 m	HOLE DIAMETER : NQ	
ANGLE OF HORIZONTAL : 90	BIT : Diamond	
DEPTH : 55	BIT CONDITION : GOOD	
GEOLOGIST : Djanaldi Reza.,ST	CORE BARELL : 2 m	
DATE STARTED : 6 Maret 2010	DRILLER : Tatang	
DATE COMPLETED : 23 April 2010	RIG TYPE : THS-06	

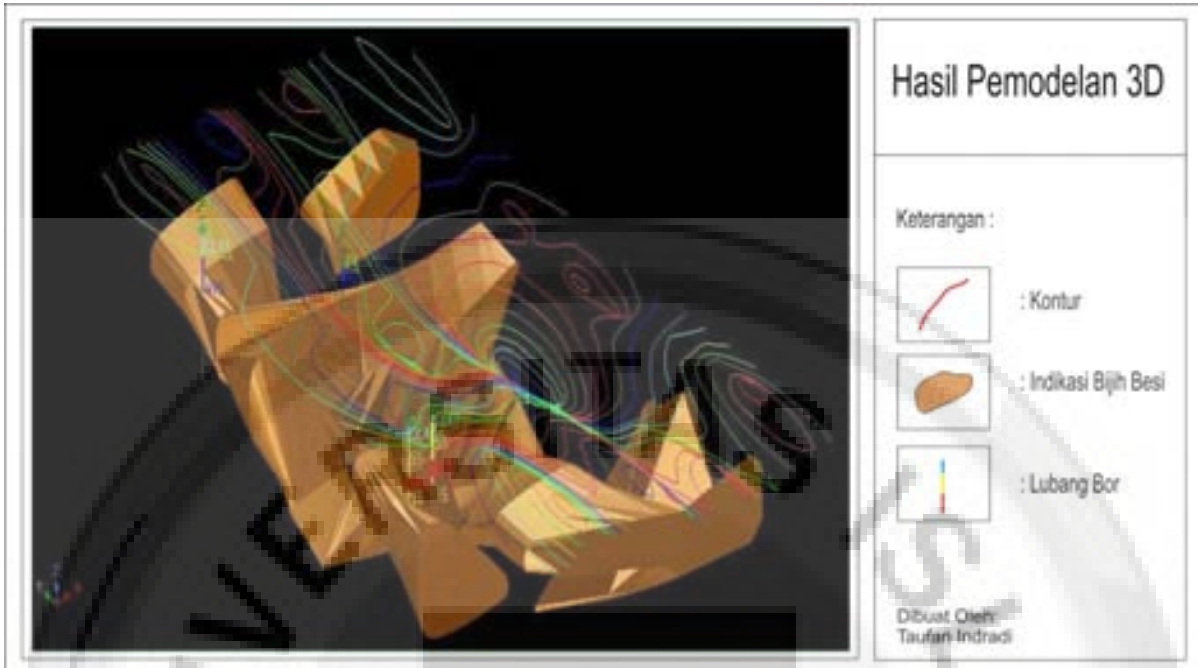
DATES	DEPTH (RL)	BIT PENETRATION (ment/run)	DRILLING AND CASING	TCR (%)	THICKNESS(m)	WEATHERING	MATERIAL DESCRIPTION	GRAPH LOG	DEPTH (m)	SAMPLE	DRILL METHODE	STRENGTH (UCS/MPA)				
												0.25 - 1.0	1 - 5	5 - 25	25 - 50	50-100



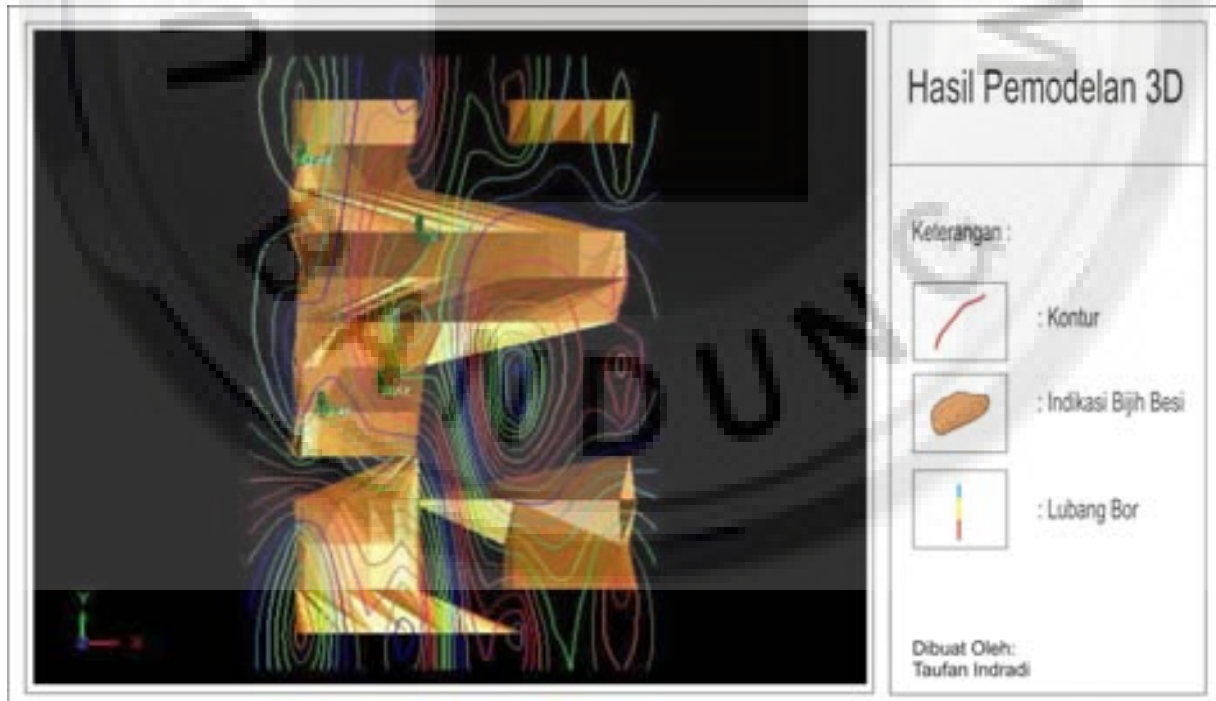


Gambar Lampiran E  
Hasil Penampang Bor Hole 4

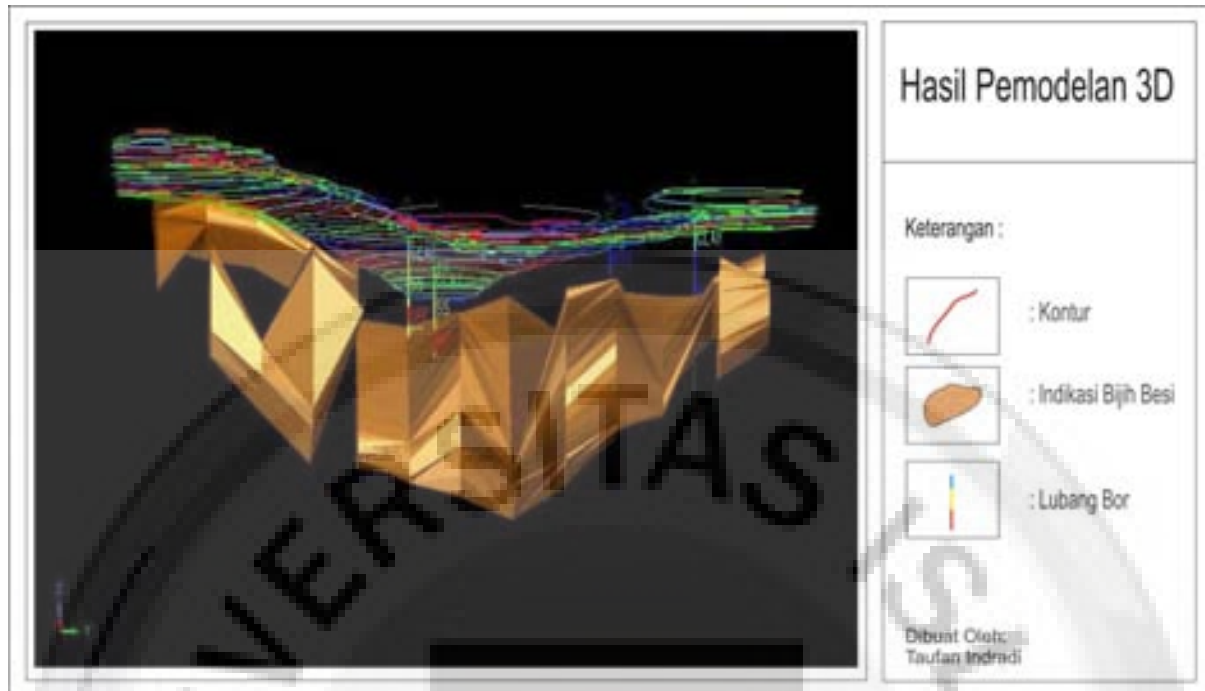




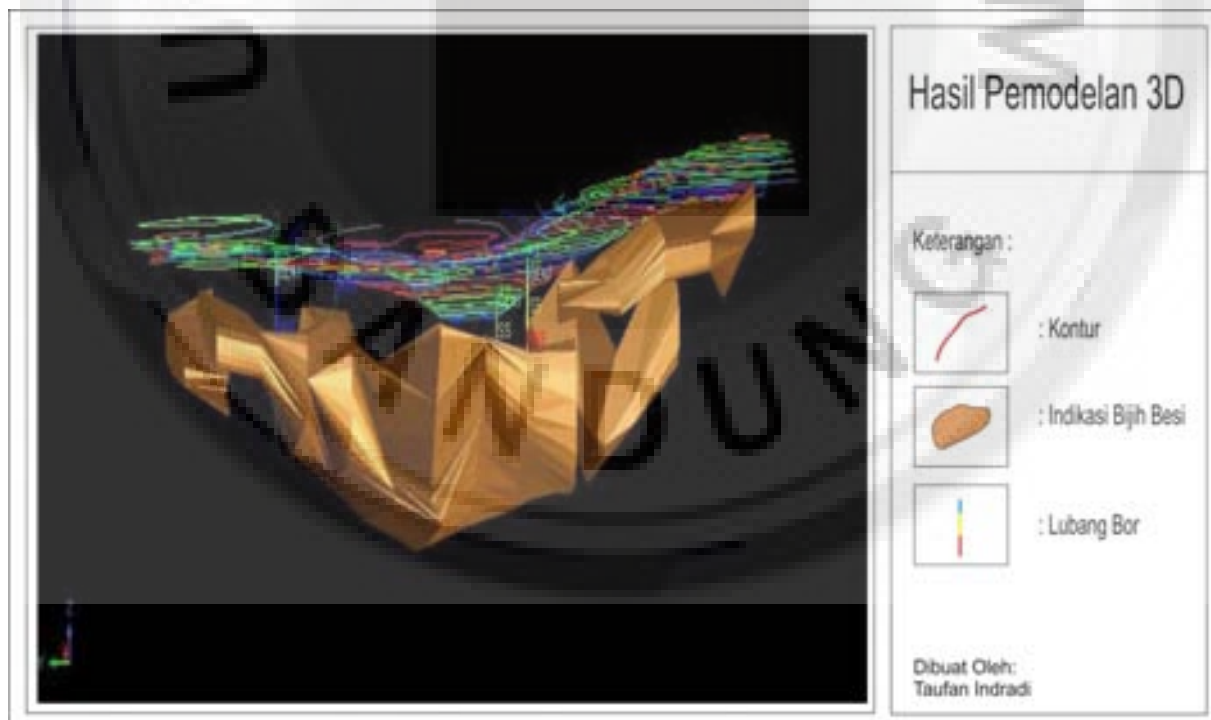
**Gambar Lampiran E  
Hasil Pemodelan Bor Tampak 3D**



**Gambar Lampiran E  
Hasil Pemodelan Bor Tampak Atas**



**Gambar Lampiran E**  
**Hasil Pemodelan Bor Tampak Belakang**



**Gambar Lampiran E**  
**Hasil Pemodelan Bor Tampak Depan**

## DAFTAR RIWAYAT HIDUP

### **Data Pribadi**

Nama : Taufan Indradi  
Tanggal Lahir : 29 Desember 1984  
Tempat Kelahiran : Bandung  
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### **Latar Belakang Pendidikan**

1989 – 1990 : TK. Tunas Harapan Bandung.  
1991 – 1997 : SD Negeri 04 Sangkuriang Bandung.  
1997 – 2000 : SLTP Negeri 19 Bandung.  
2000 – 2003 : SMU Negeri Ciasem Bandung.  
2003 – 2010 : Program Studi (S1) Teknik Pertambangan Universitas  
Islam Bandung