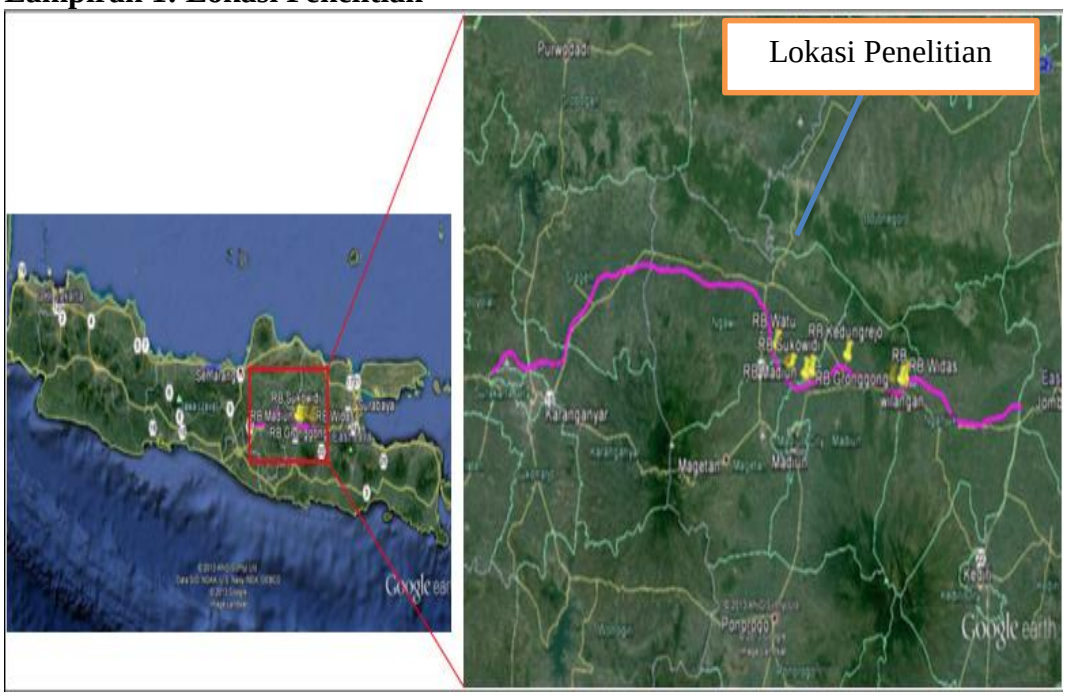
Lampiran 1: Lokasi Penelitian



(Sumber : PT. LAPI-ITB, 2016)

Lampiran 2: Penyeledikan Tanah di Lapangan

(Sumber : PT. LAPI-ITB, 2016)

Lampiran 3: Data Tanah dan Perkuatan

Tabel 1.1 Parameter Tanah Yang Digunakan Untuk Analisis Stabilitas Timbunan Badan Jalan

Material name	γb	γd	c	ϕ	ν	E	K
	kN/m^3	kN/m^3	kN/m^2	^{0}		kN/m^3	m/hari
Compacted fill material	17.8	14.8	22	19	0.3	3400	0.01
Compacted rebackfill material	17.8	14.8	20	5	0.3	3400	0.01
Soft (Layer 1)	15	11	6	0	0.3	1200	8.6E-04
Medium (Layer 2)	16	12	30	0	0.3	6000	8.6E-04
Hard (layer 3)	17	14	100	0	0.3	20000	8.6E-04
Below hard layer (Layer 4)	17	14	100	0	0.3	40000	8.6E-04

(Sumber : PT. LAPI-ITB, 2016)

Keterangan:

γb = Berat isi basah (kN/m^3)

γd = Berat isi kering (kN/m^3)

c = Kohesi (kN/m^2)

ϕ = Sudut Geser (^{0})

ν = Angka Poisson

E = Modulus Young (kN/m^3)

K = Permeabilitas (m/hari)

Tabel 1.2 Parameter Geotekstil Yang Digunakan

	Tensile strength (kN/m)	*Elongation* (%)
Geotextile	50	5

(Sumber : PT. LAPI-ITB, 2016)