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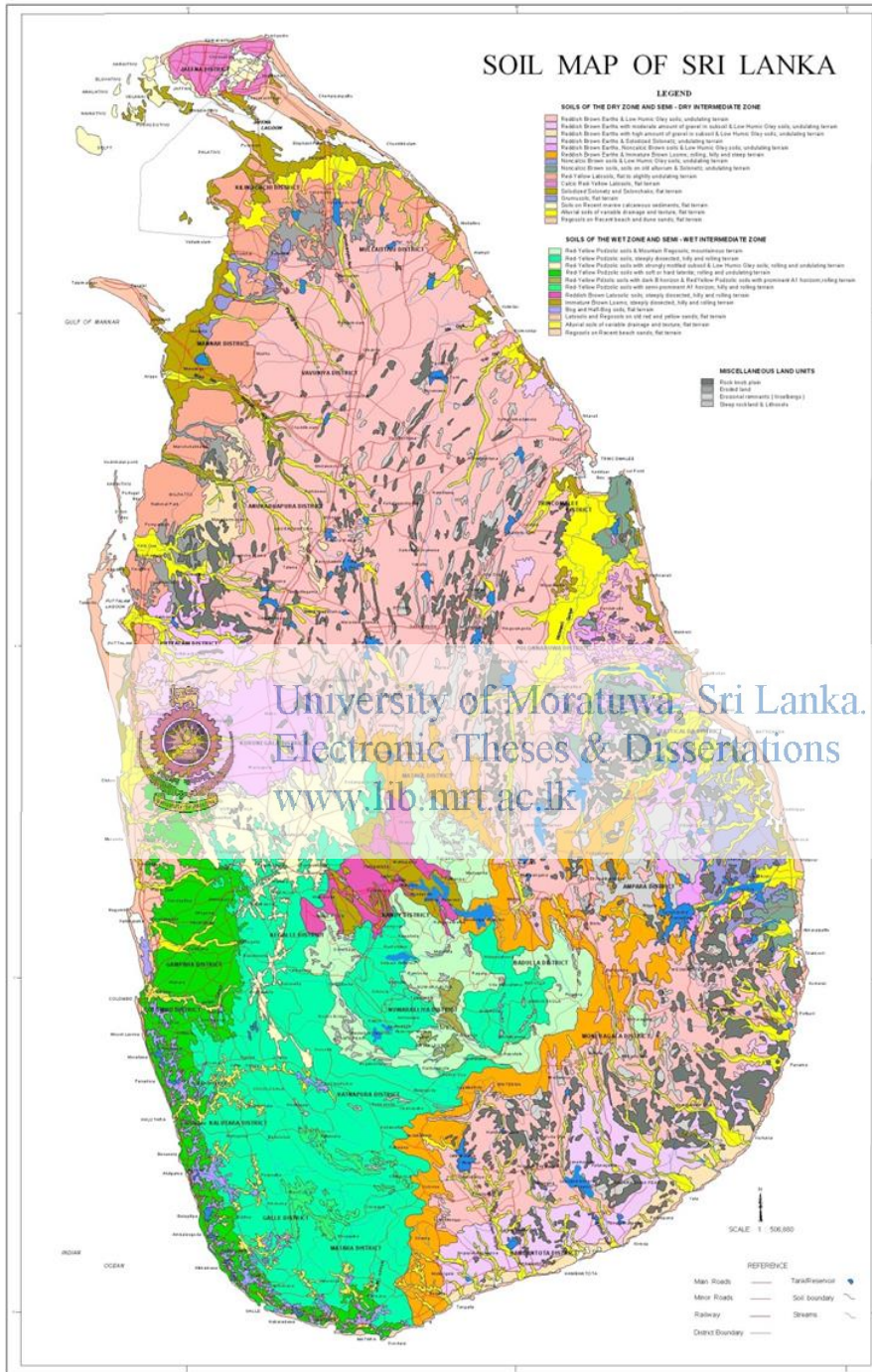
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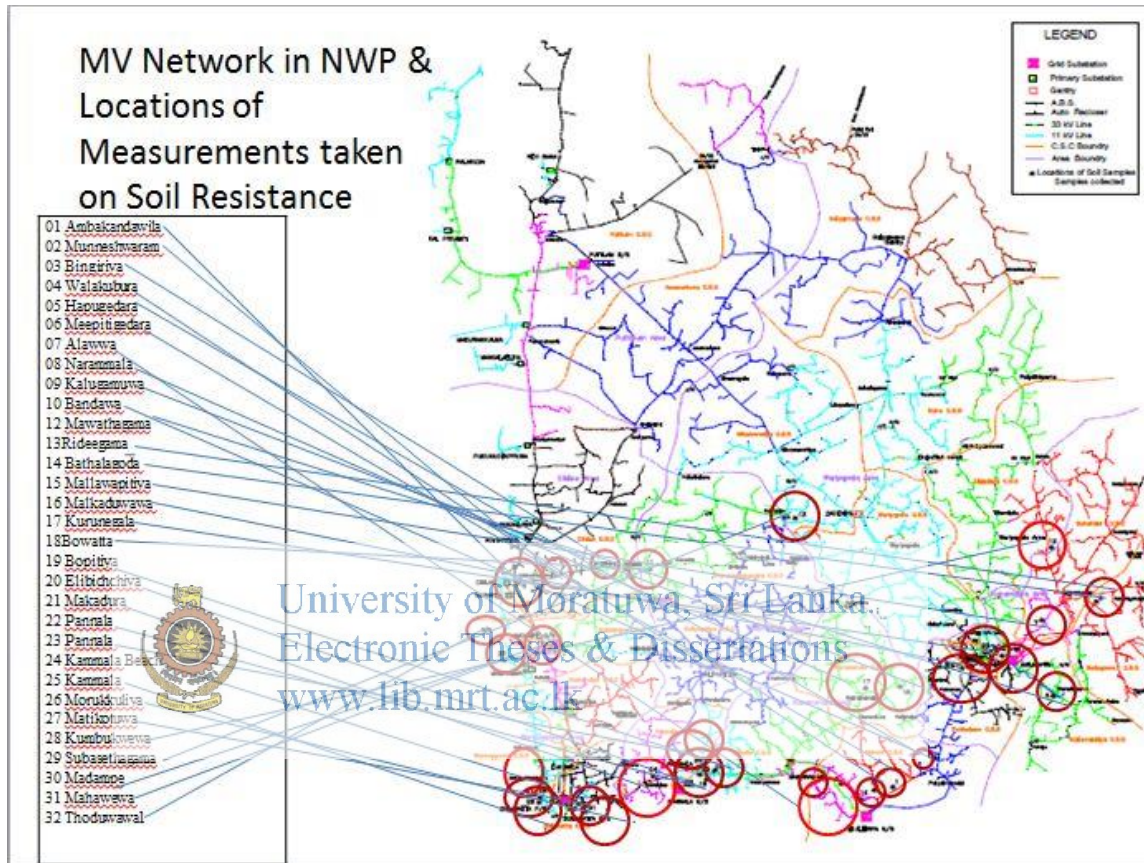
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LIST OF APPENDICES

Appendix A: Soilmap of Sri Lanka



Appendix B: MV Network in NWP and locations of measurement taken on soil resistance



Appendix C: Commissioning Test Report

NI
116 MAR 2011

Commissioning Test Report

- Name of the Scheme/ Work: TONIGALA WATTA R.E Scheme
- Job No: 450-20/1340/1440/1460/SD 18/9
- Job Category: SIDA
- Capacity of the Transformer: 100 KVA
- Voltage Ratio: 33/LT
- Transformer Serial No: T09V010030745
- SIN: N 147
- Tests Carried out and Results

L.T.Line

(a) Visual Inspection	(b) Insulation Testing
(i) Standard :-----	(i) R-Y ----- Mohm R-E -----Mohm
(ii) Way leave : <u>OK</u> -----	(ii) Y-B -----Mohm Y-E ----- Mohm
(iii) Crossing of Main roads Railway & Telephone lines etc : <u>N.D</u> -----	(iii) B-R -----Mohm B-E -----Mohm
	(iv) N-E -----Mohm L+N -E -----Mohm

Substation

(a) Visual Inspection	
(i) Neatness of wiring :-----	<u>OK</u> -----
(ii) Fixing DDLO Set :-----	<u>OK</u> -----
(iii) Fixing LT Fuses :-----	<u>OK</u> -----
(iv) Concreting Earth Pits :-----	<u>OK</u> -----
SIN No. plate :-----	<u>Fixed WP-N-4084/47</u> -----

(b) Insulation Testing

(i) R-E :-----	<u>600</u> Mohm
(ii) Y-E :-----	<u>600</u> Mohm
(iii) B-E :-----	<u>600</u> Mohm
(iv) N-E :-----	<u>600</u> Mohm
(v) L+N-E :-----	<u>600</u> Mohm

(c) Earth Resistance

(i) Neutral Earth :-----	<u>24</u> ohm
(ii) LA Earth :-----	<u>27</u> ohm

Cables

(a) Visual Inspection :-----	
(b) Insulation Testing	
(i) R-Y -----	Mohm
(ii) Y-B -----	Mohm
(iii) B-R -----	Mohm

Prepared by : C.W.
 Electrical Superintendent

Commissioned : 2011
 Electrical Superintendent
 C. E. Office (Construction)
 Sri Lanka Electricity Board
 Kuliyaipitiya

Engineered by : N.W.B. Thilakarathna
 Electrical Superintendent
 Date Energized :
 Date :



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