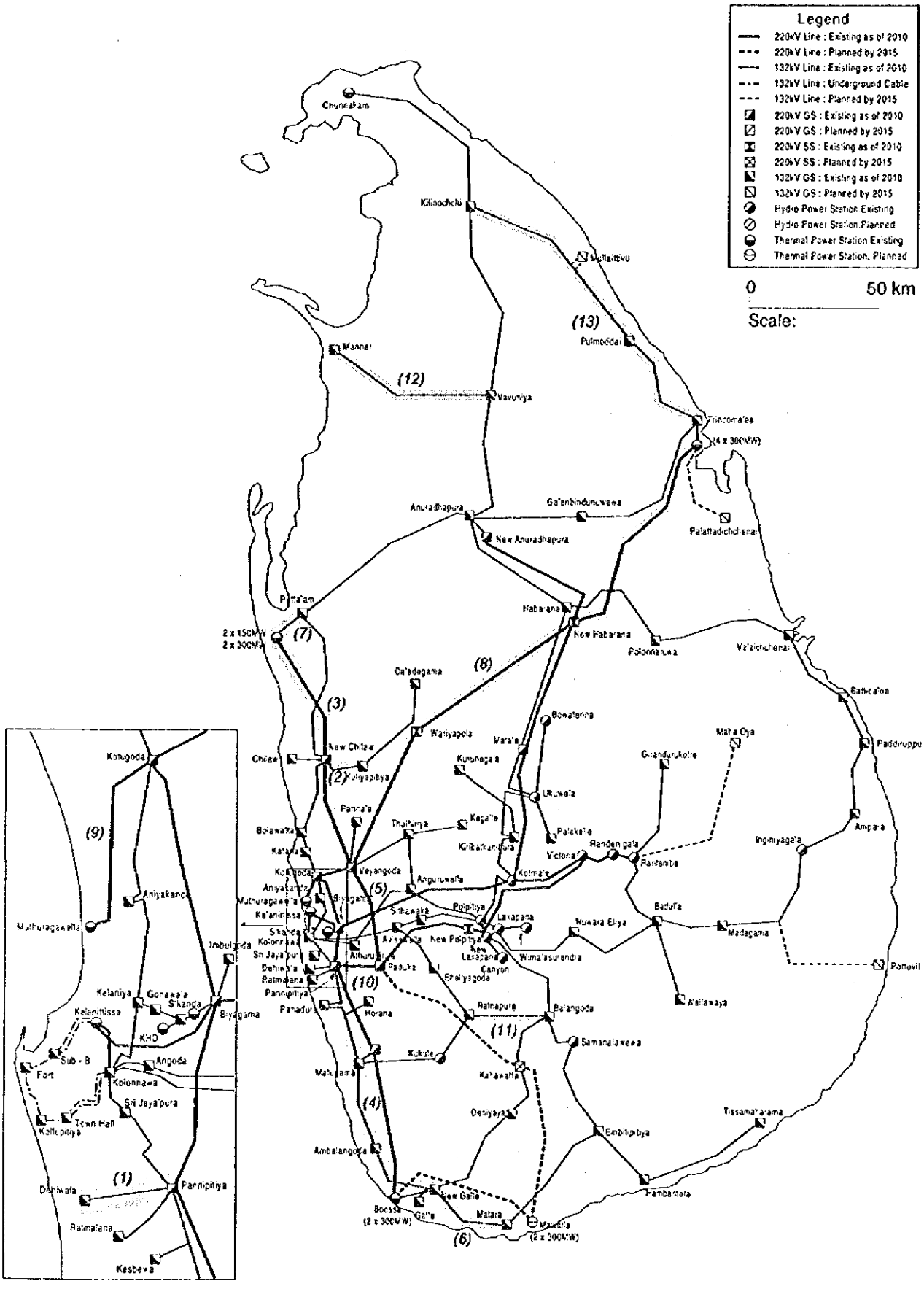
第 A7 章

予備設計

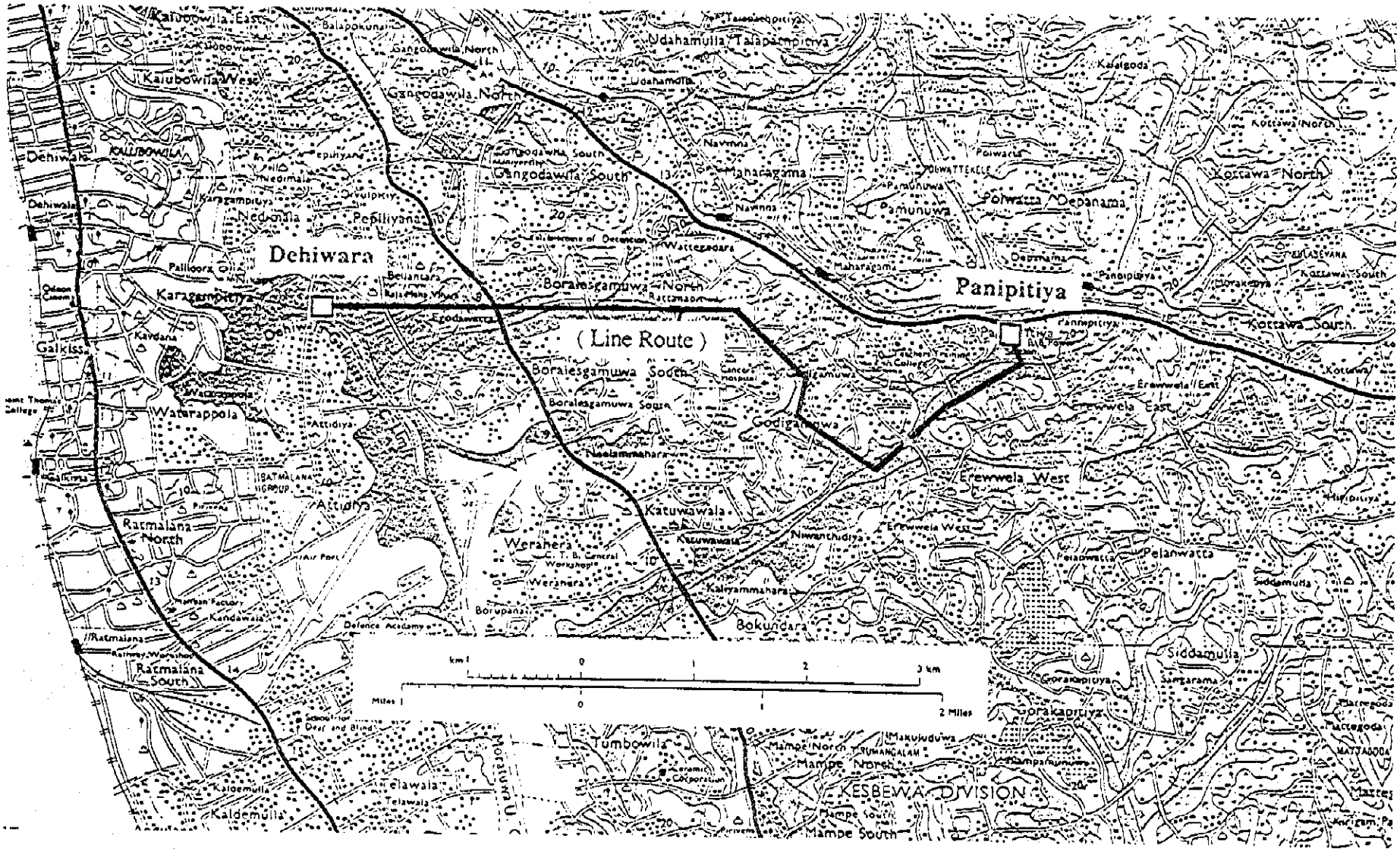
第A7章　予備設計

A7.1 計画された送電線ルート図

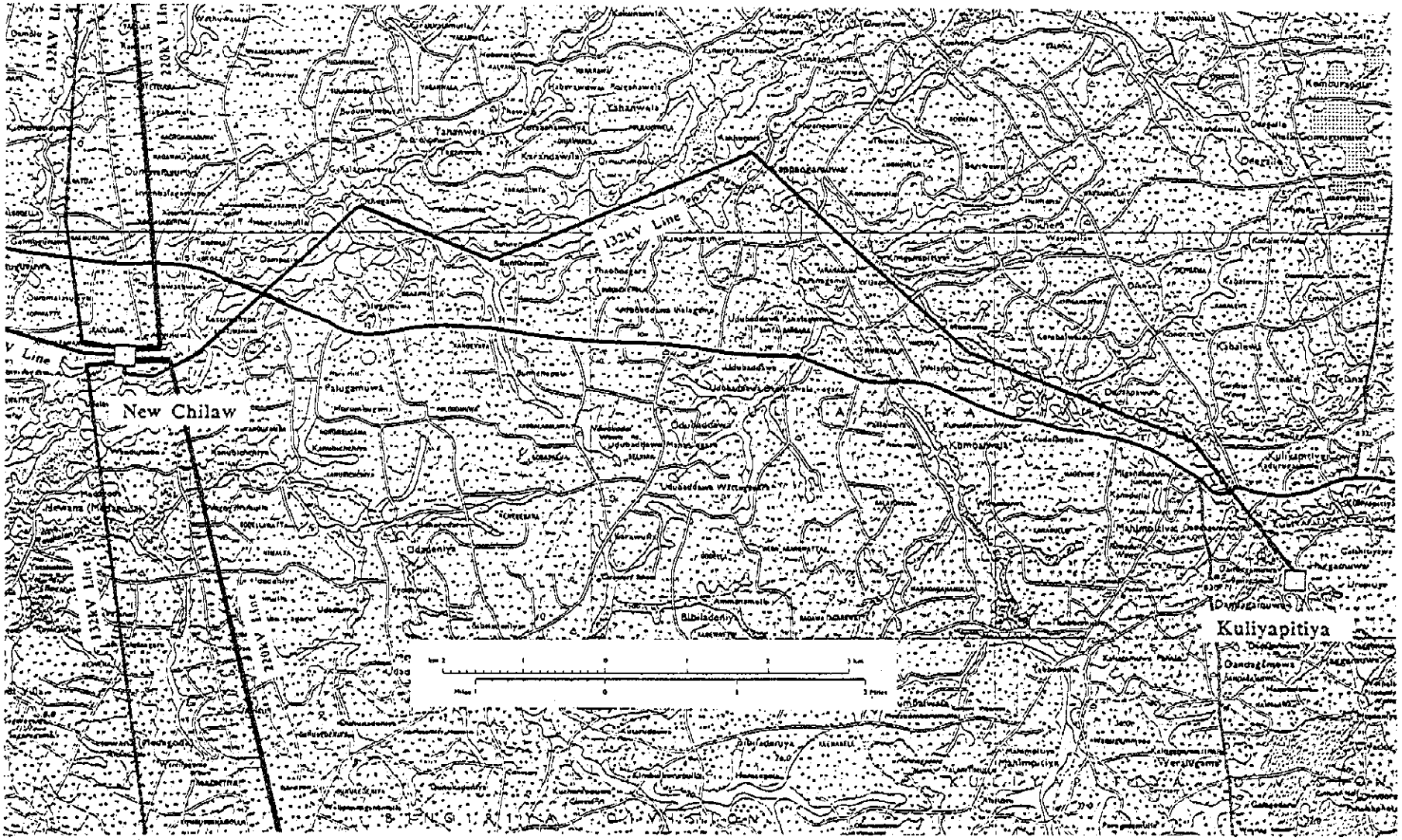
図面番号	送電線ルート		
図 7.1	計画された送電ルート図		
図 7.1 - 1	パニピティヤ	–	デヒワラ
図 7.1 - 2	新チロー	–	クリヤピティヤ
図 7.1 - 3	プッタラム発電所	–	ペヤンゴダ
図 7.1 - 4	パニピティヤ	–	新ゴール
図 7.1 - 5	ペヤンゴダ	–	新パドゥッカ
図 7.1 - 6	新ゴール	–	マータラ
図 7.1 - 7	プッタラム発電所	–	プッタラム変電所
図 7.1 - 8	トリンコマレ	–	ペヤンゴダ
図 7.1 - 9	ムスラガウェラ	–	コツゴダ
図 7.1 - 10	パニピティヤ	–	新パドゥッカ
図 7.1 - 11	ラトナプラ	–	バランゴダ
図 7.1 - 12	パブニア	–	マナー
図 7.1 - 13	トリンコマレ	–	キリノチチ



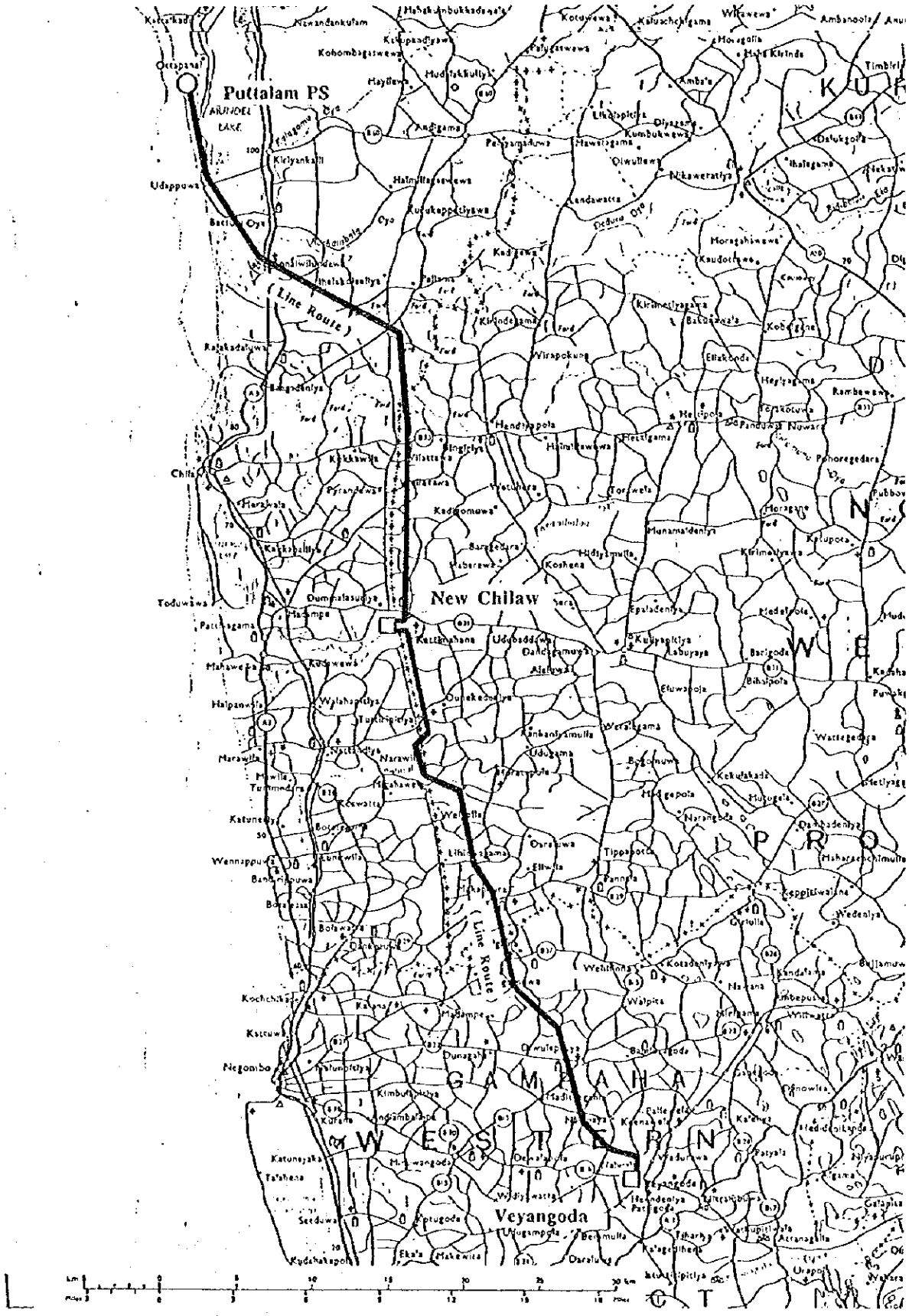
CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD Consulting Engineers	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA	TITLE 図 A7.1 計画された送電ルート図



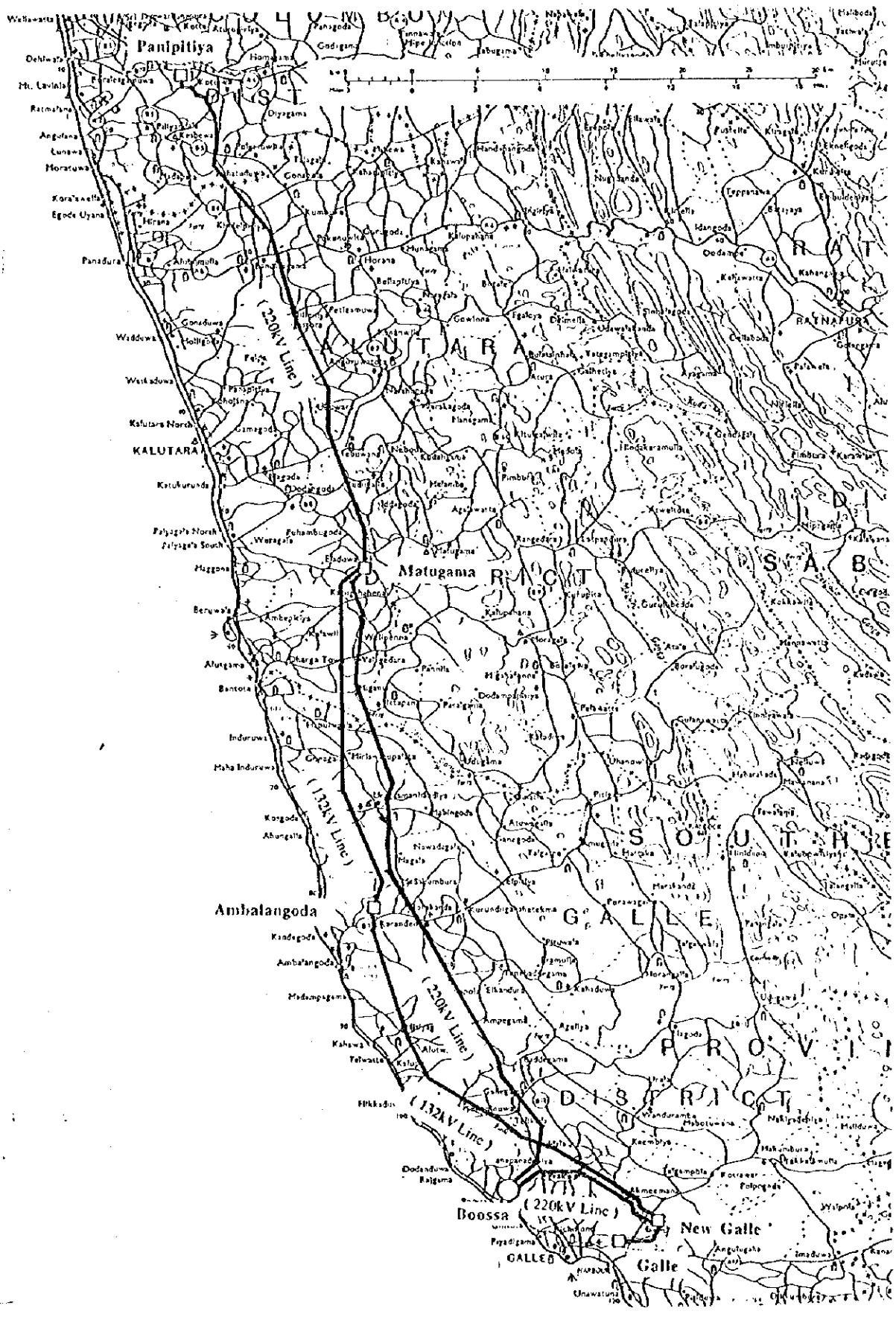
CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図 A7.1 - 1 送電線ルート図 パニピティヤ－デヒワラ



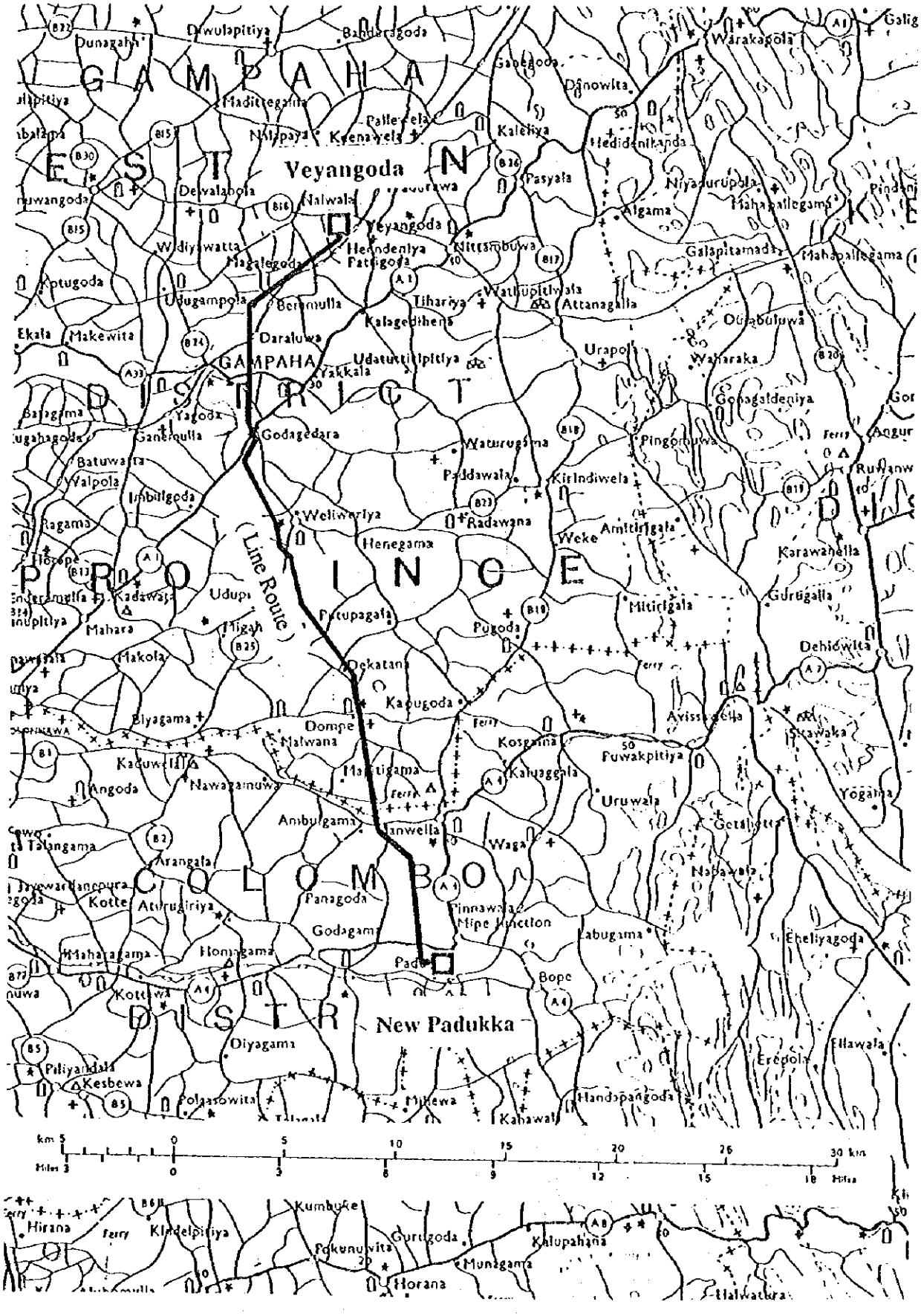
CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図 A7.1 - 2 送電線ルート図 新チロー－クリヤピティヤ



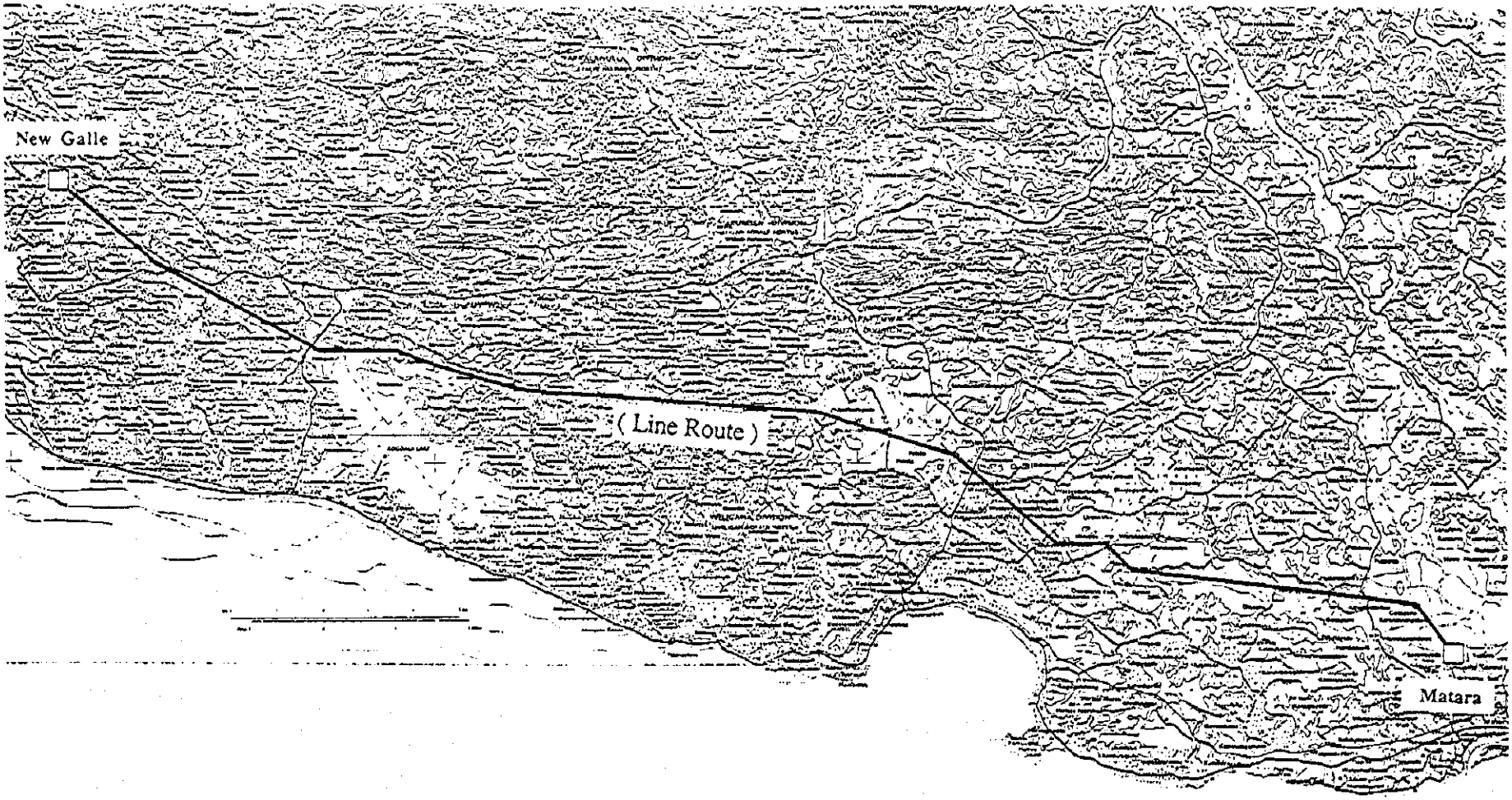
CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図 A7.1 - 3 送電線ルート図 プッタラム発電所 - ベヤンゴダ



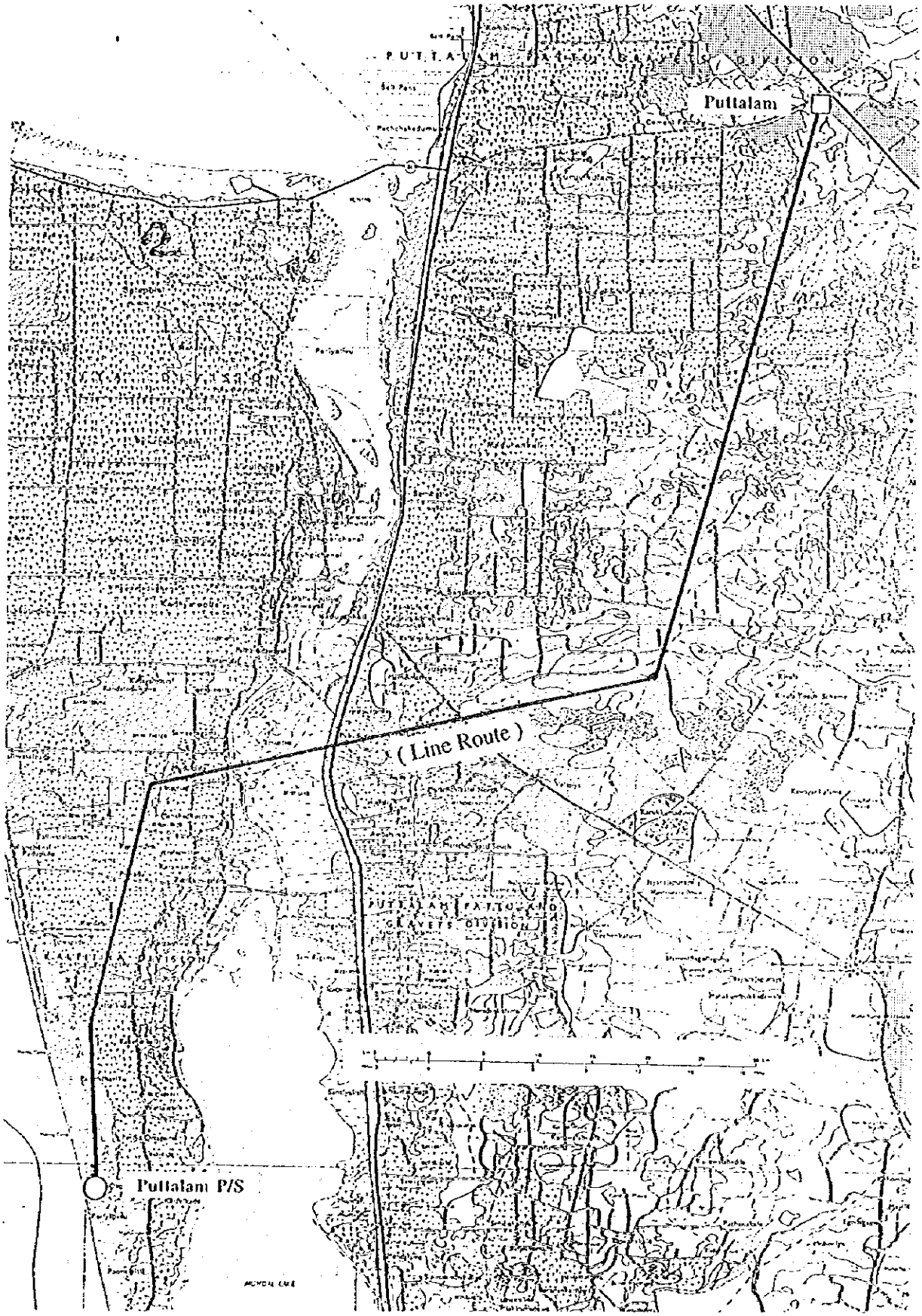
CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図 A7.1 - 4 送電線ルート図 パニピティヤ - 新ゴール



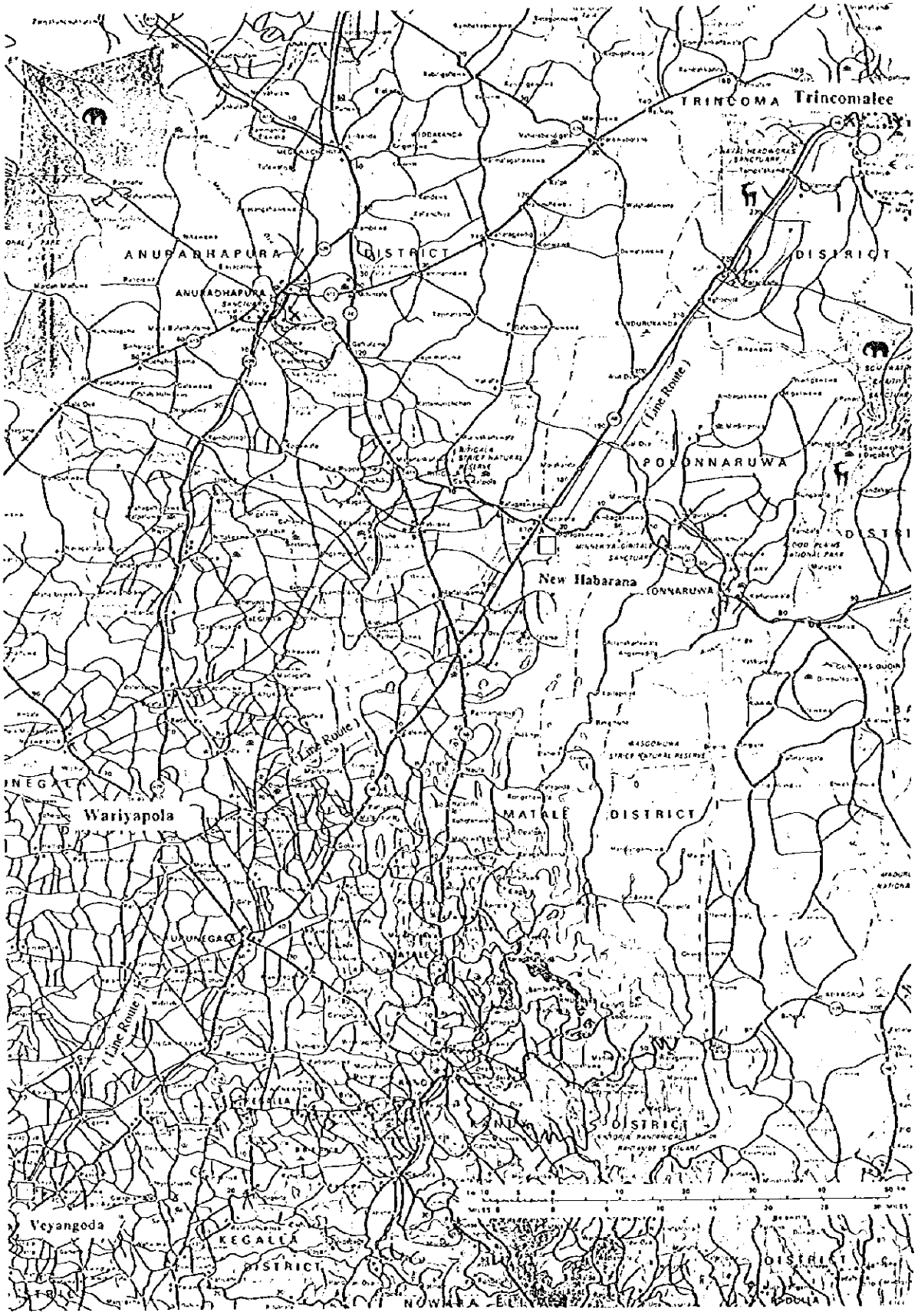
CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図 A7.1 - 5 送電線ルート図 ベヤンゴダ - 新パドゥッカ



CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図 A7.1 - 6 送電線ルート図 新ゴール - マータラ

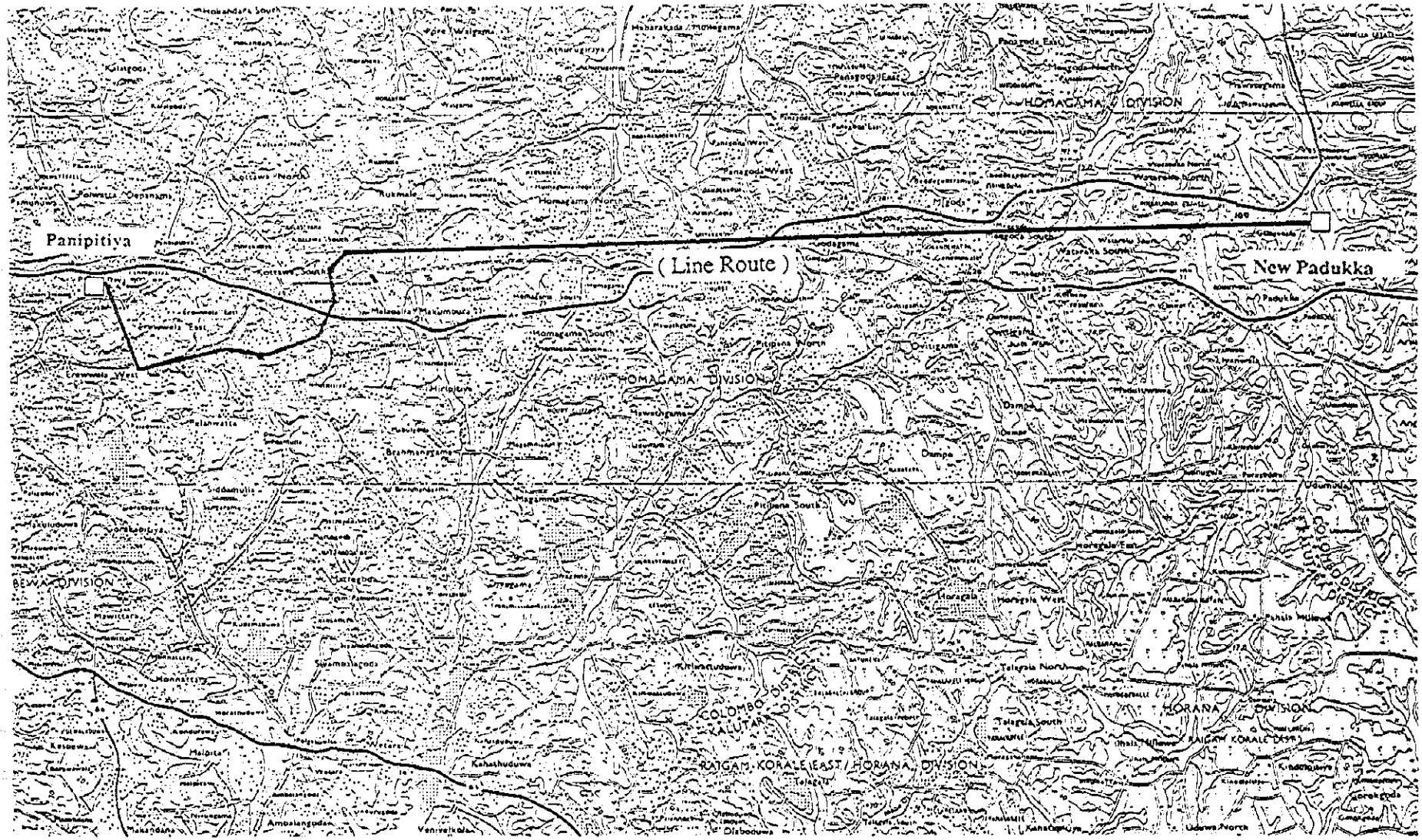


CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図 A7.1 - 7 送電線ルート図 プッタラム発電所 - プッタラム変電所

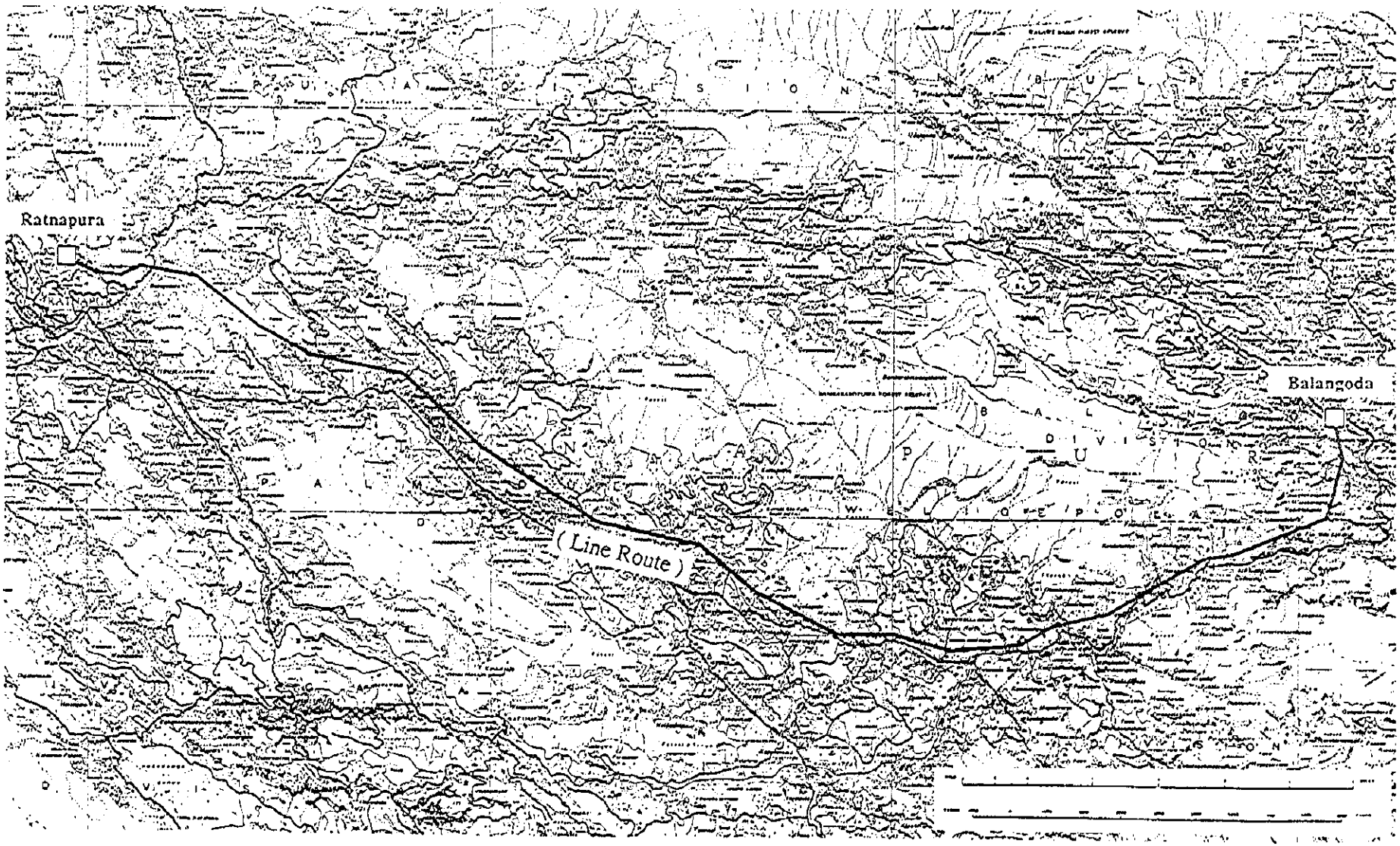


CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図 A7.1 - 8 送電線ルート図 トリンコマレ - ベヤンゴダ

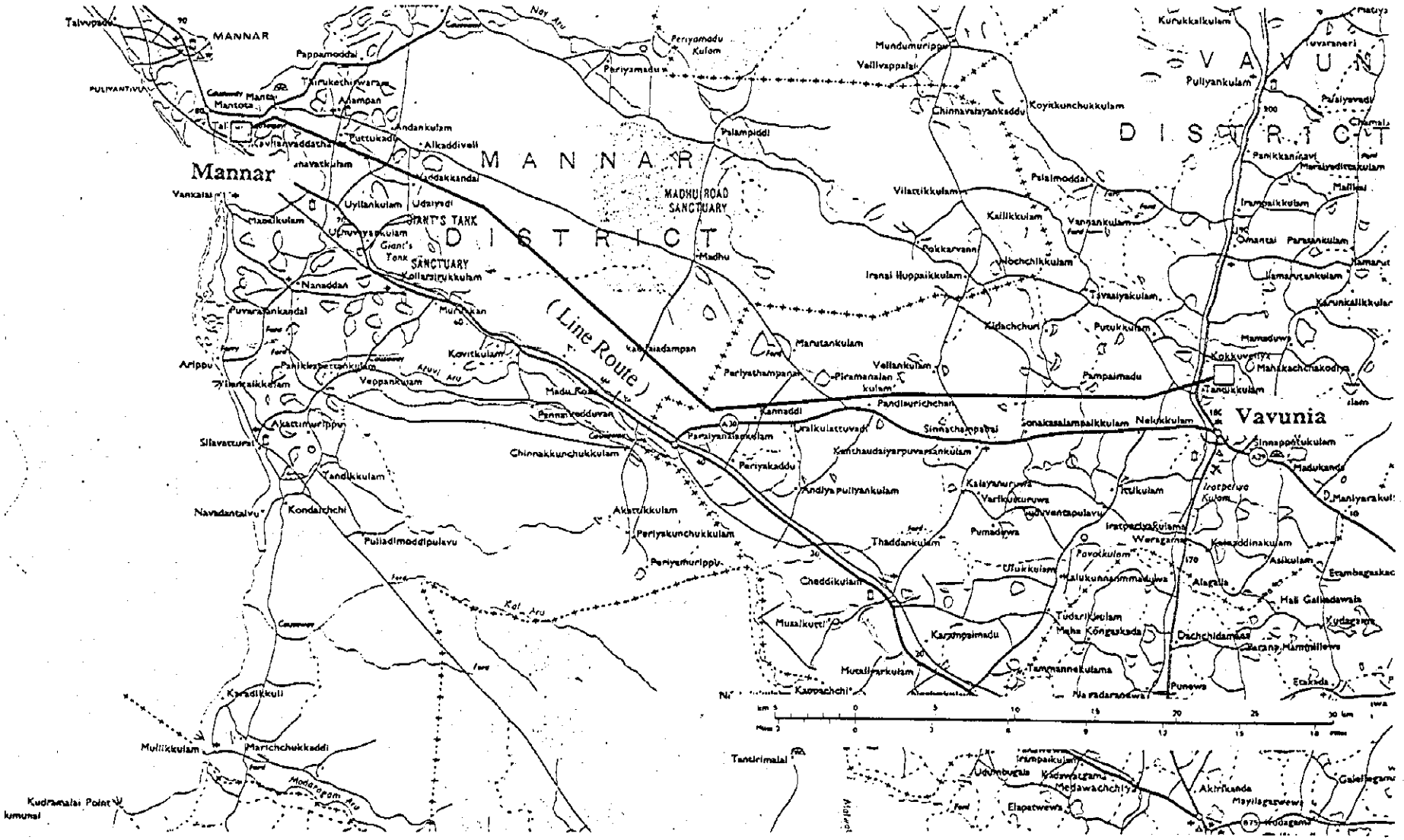
CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図 A7.1 - 9 送電線ルート図 ムスラガウェラ・コツゴダ



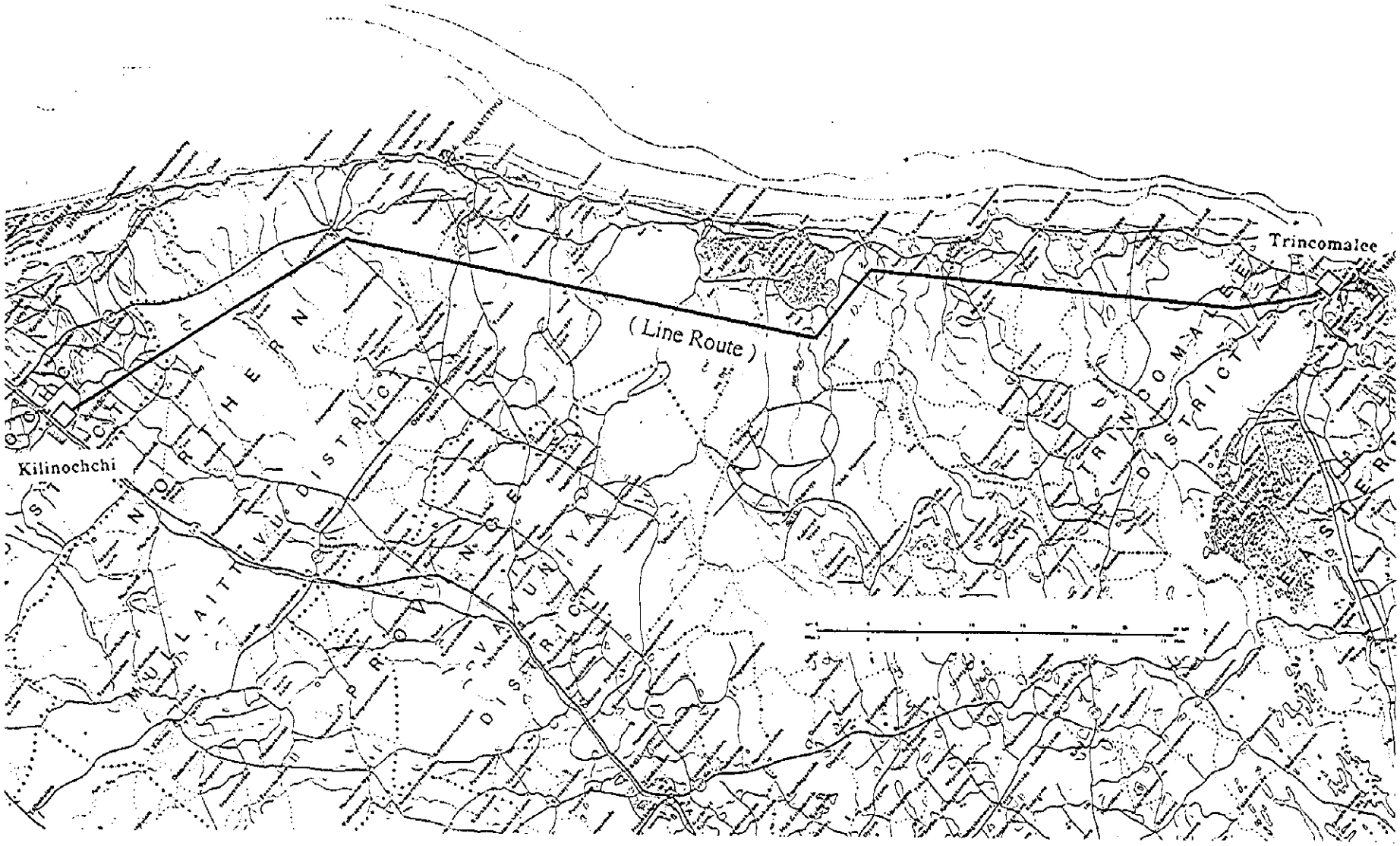
CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図 A7.1 - 10 送電線ルート図 パニピティヤ－新パドゥッカ



CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図 A7.1 - 11 送電線ルート図 ラトナプラ－バランゴダ



CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE	図 A7.1 - 12 送電線ルート図 バブニア - マナー



CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図 A7.1 - 13 送電線ルート図 トリンコマレ－キリノチチ

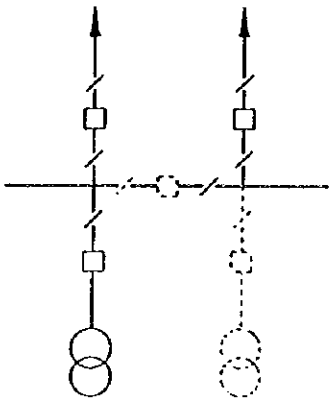
A7.2 計画された変電所及び開閉所

図面番号	位置図及び単線結線図
図 A7.2 - 1	小規模変電所
図 A7.2 - 2	アンバランゴダ変電所
図 A7.2 - 3	アンゴダ変電所
図 A7.2 - 4	アングルウェラ変電所
図 A7.2 - 5	アニヤカンダ変電所
図 A7.2 - 6	アスルギリヤ変電所
図 A7.2 - 7	B 変電所
図 A7.2 - 8	バランゴダ変電所
図 A7.2 - 9	デヒワラ変電所
図 A7.2 - 10	エヘリヤゴダ変電所
図 A7.2 - 11	ゴナワラ変電所
図 A7.2 - 12	ハンバントタ変電所
図 A7.2 - 13	ホラナ変電所
図 A7.2 - 14	インブルゴダ変電所
図 A7.2 - 15	カタナ変電所
図 A7.2 - 16	ケゴール変電所
図 A7.2 - 17	ケラニヤ変電所
図 A7.2 - 18	ケスベワ変電所
図 A7.2 - 19	コロナワ変電所
図 A7.2 - 20	コツゴダ変電所
図 A7.2 - 21	クリヤピティヤ変電所
図 A7.2 - 22	マタレ変電所
図 A7.2 - 23	マツガマ変電所
図 A7.2 - 24	新チロウ変電所
図 A7.2 - 25	新ゴール変電所
図 A7.2 - 26	新ハバラナ開閉所
図 A7.2 - 27	新パドゥッカ開閉所
図 A7.2 - 28	新ポルピティヤ開閉所
図 A7.2 - 29	パレケレ変電所
図 A7.2 - 30	パナラ変電所
図 A7.2 - 31	パニピティヤ変電所
図 A7.2 - 32	ポロナルワ変電所
図 A7.2 - 33	ラトナプラ変電所
図 A7.2 - 34	サブガスカンダ変電所
図 A7.2 - 35	スリジャヤプラ変電所
図 A7.2 - 36	スルヒリヤ変電所
図 A7.2 - 37	タウンホール変電所
図 A7.2 - 38	バブニア変電所
図 A7.2 - 39	ベヤンゴダ変電所
図 A7.2 - 40	ワリヤポラ開閉所

(I) Two Circuits Recieving and One Transformer

Applicapable Substations

1) Medagama
2) Paddiruppu
3) Galenbindunuwewa
4) Pulmoddai
5) Batticaloa
6) Mullattivu

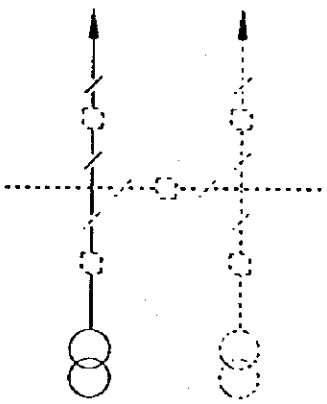


10MVA
(used one)

(II) One Circuit Recieving and One Transformer

Applicapable Substations

1) Mannar
2) Daladegama
3) Girandurukotre
4) Wellawaya
5) Tissamaharama
6) Palattadichchenai
7) Maha Oya

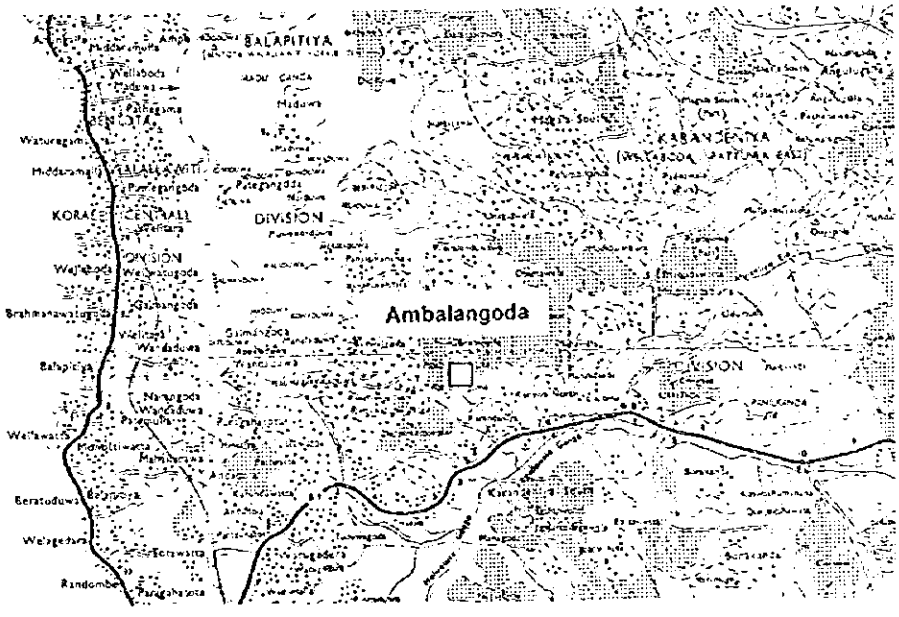


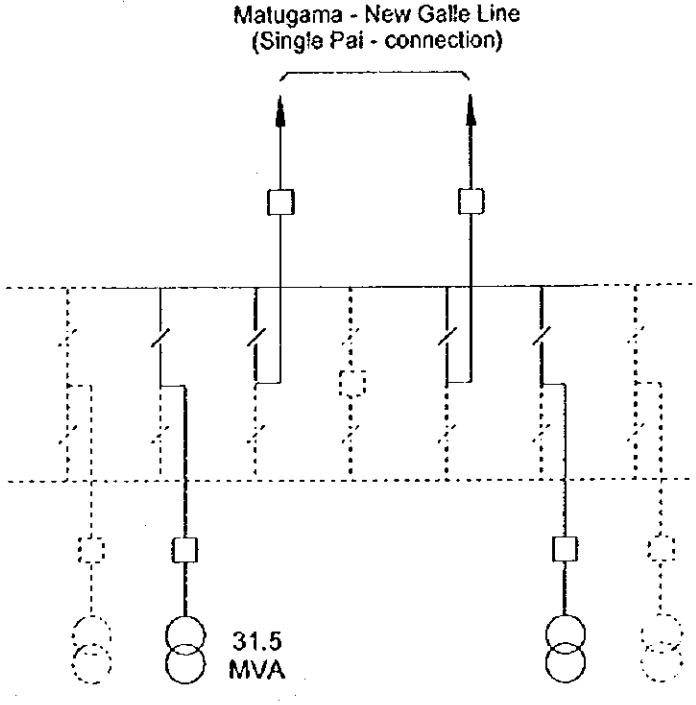
10MVA
(used one)

Notes

(I) Circuit breaker is installed at the sending end only.

CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図A7.2 - 1 単線結線図 小規模変電所





Notes

(I) Proposed Extension Plan

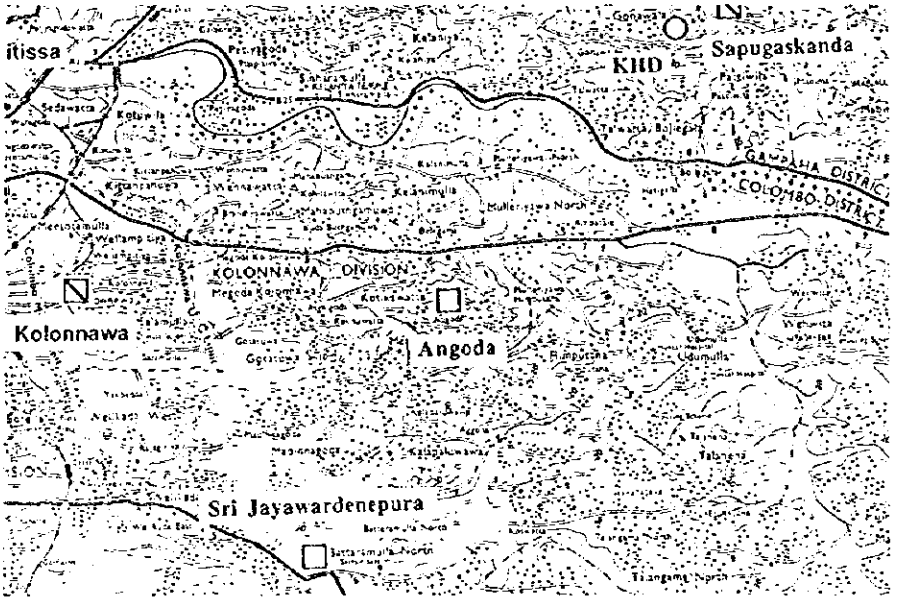
-Not shaded : up to 2005

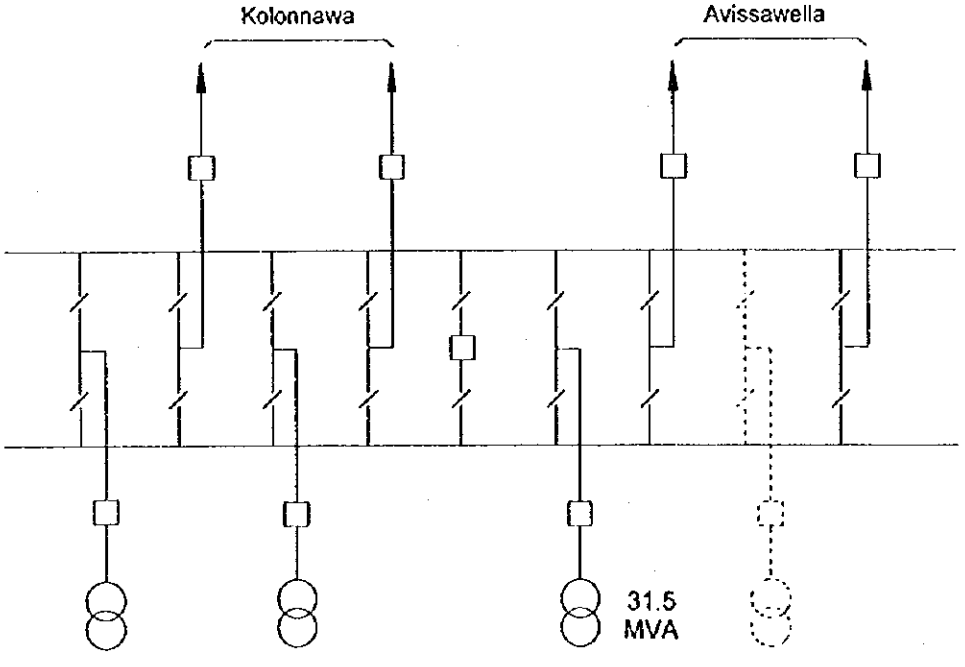
-Dotted line : up to 2015 or after

(II) Others

(a) Initially, single bus system

CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図A7.2 - 2 位置図及び単線結線図 アンバランゴダ変電所



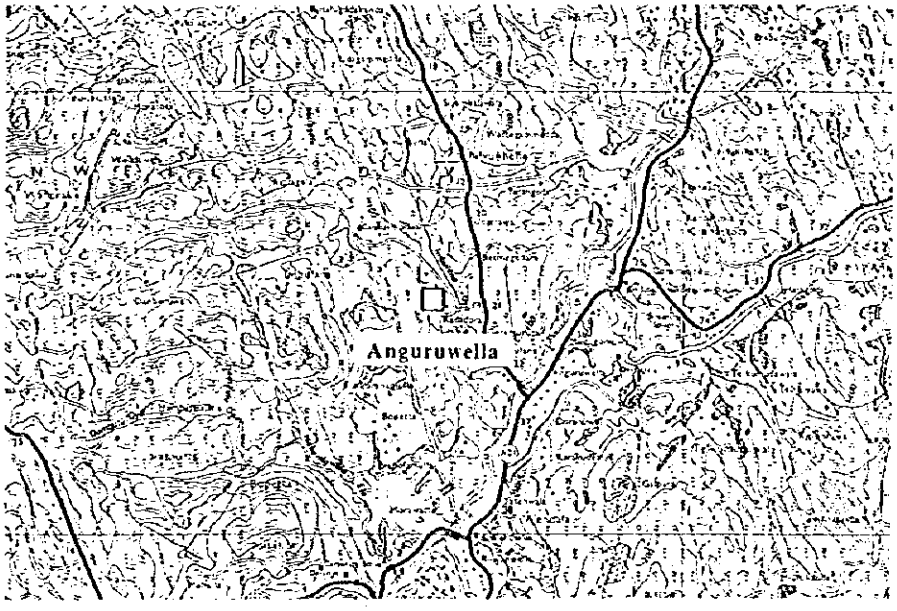


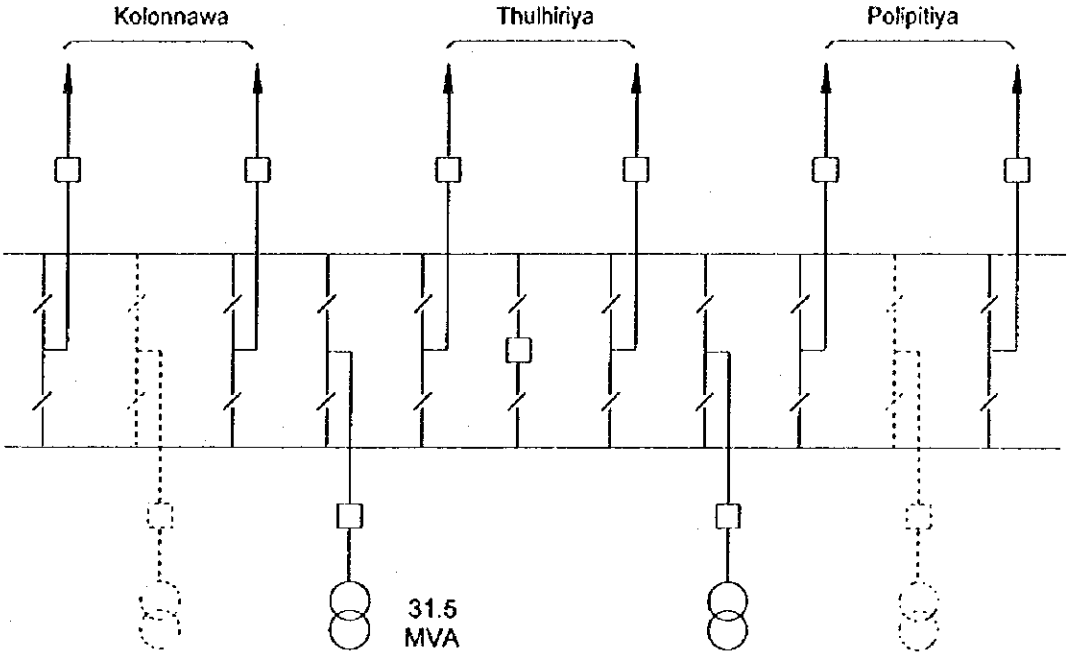
Notes

(I) Proposed Extension Plan

- Not shaded : up to 2010
- Dotted line : up to 2015 or after

CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図A7.2 - 3 位置図及び単線結線図 アンゴダ変電所



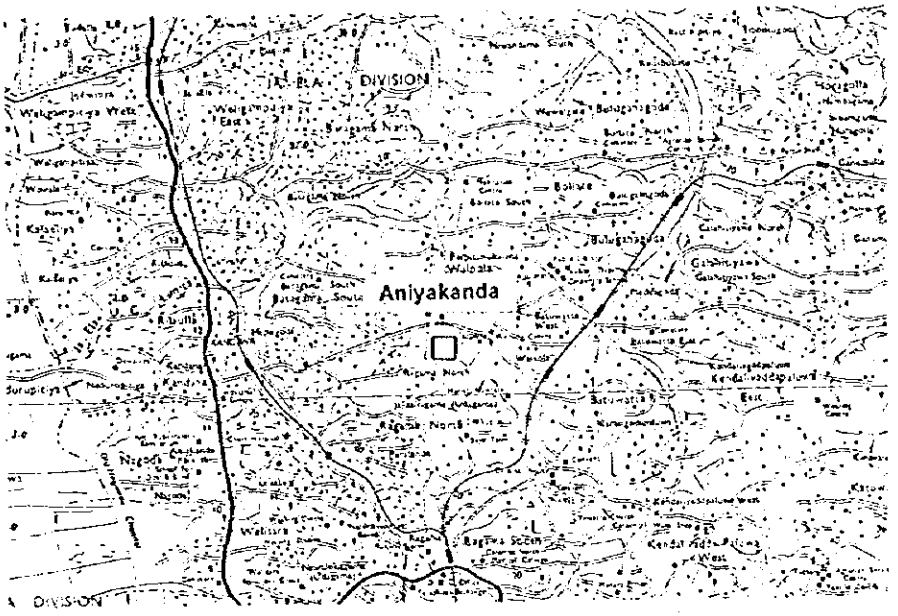


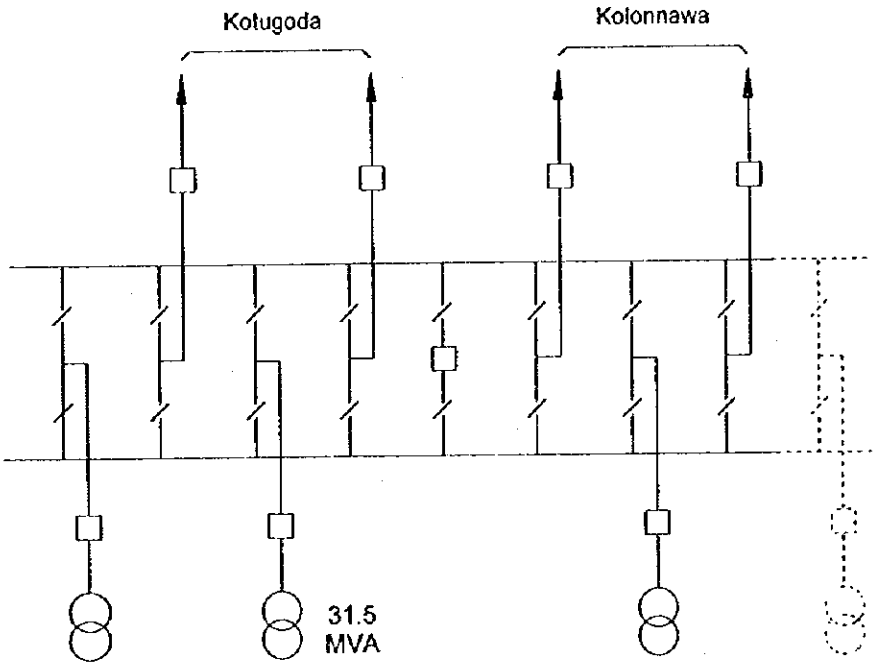
Notes

(1) Proposed Extension Plan

- Not shaded : up to 2010
- Dotted line : up to 2015 or after

CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図A7.2 - 4 位置図及び単線結線図 アングルウェラ変電所



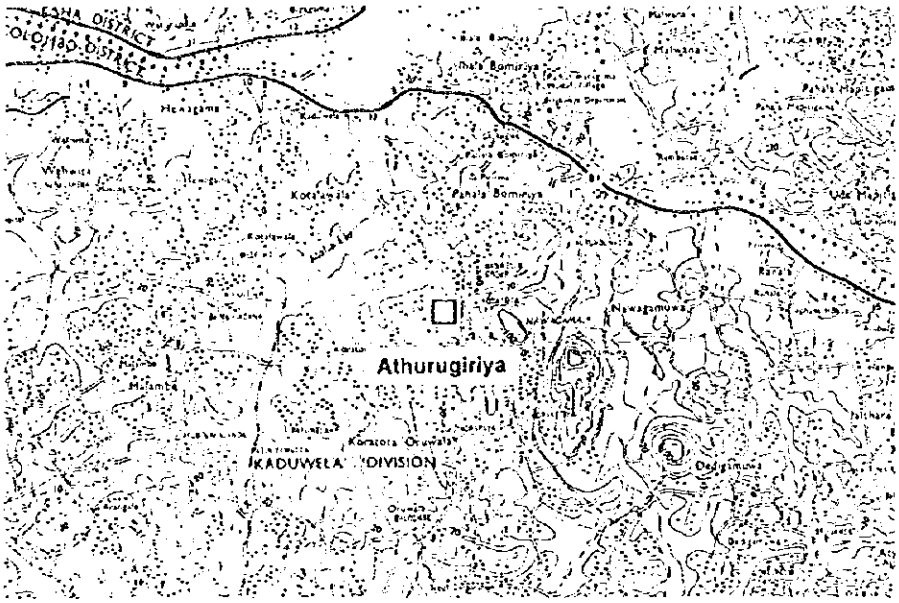


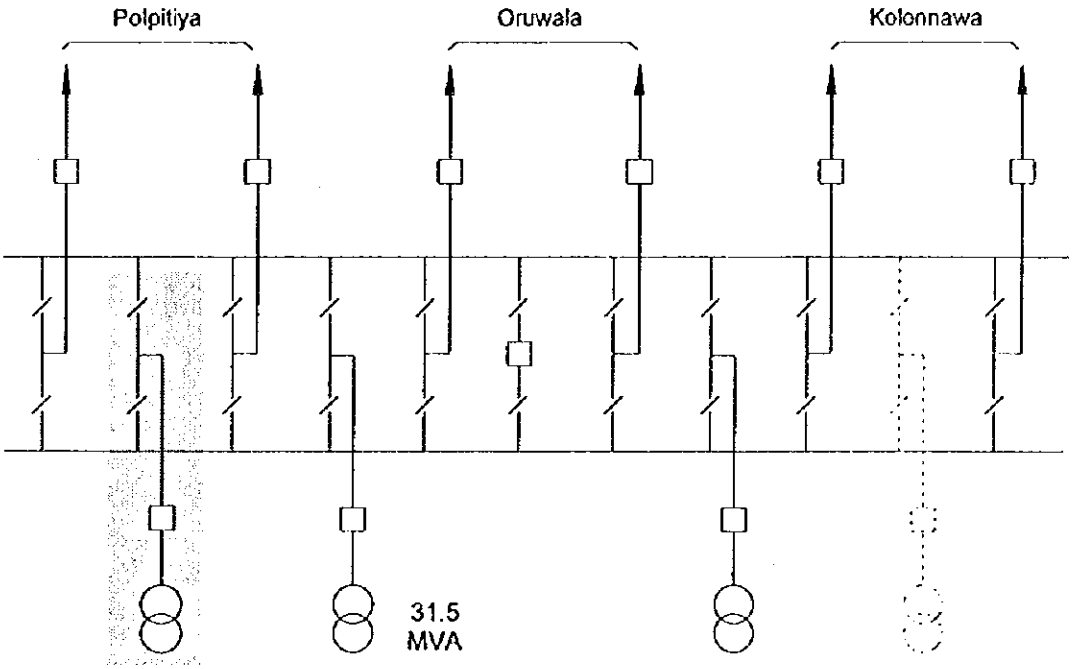
Notes

(I) Proposed Extension Plan

- Not shaded : up to 2000
- : up to 2010
- Dotted line : up to 2015 or after

CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図A7.2 - 5 位置図及び単線結線図 アニヤカンダ変電所



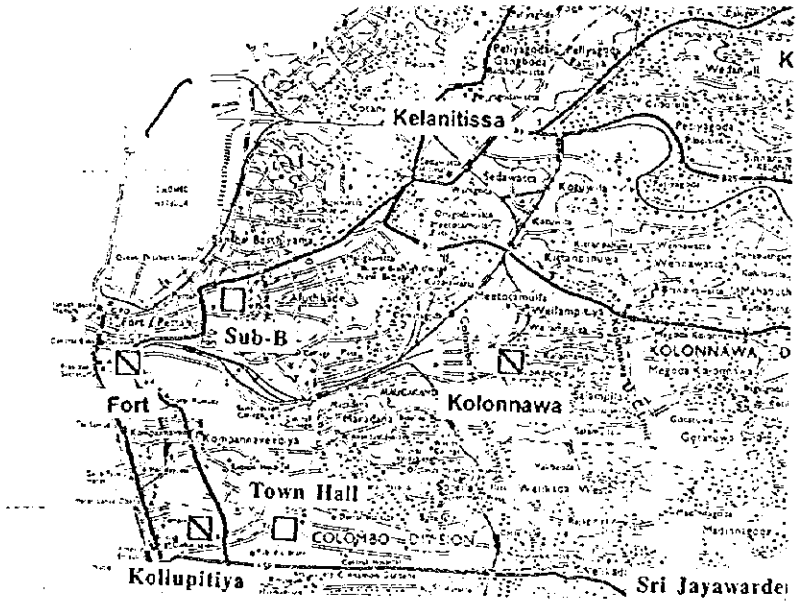


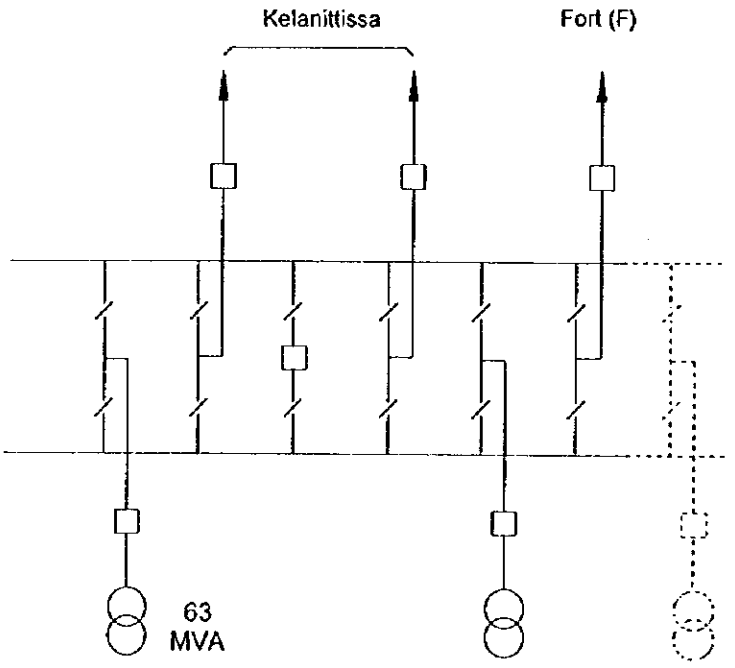
Notes

(I) Proposed Extension Plan

- Not shaded : up to 2000
- : up to 2010
- Dotted line : up to 2015 or after

CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図A7.2 - 6 位置図及び単線結線図 アスルギリヤ変電所





Notes

(I) Proposed Extension Plan

- Not shaded : up to 2010
- Dotted line : up to 2015 or after

(II) Others

(a) A transformer bay for future extension shall be provided together with other equipment.

(b) GIS

CEYLON ELECTRICITY BOARD	JAPAN INTERNATIONAL COOPERATION AGENCY NIPPON KOEI CO., LTD. Consulting Engineer	MASTER PLAN STUDY FOR DEVELOPMENT OF THE TRANSMISSION SYSTEM OF THE CEYLON ELECTRICITY BOARD IN THE DEMOCRATIC SOCIALIST REPUBRIC OF SRI LANKA	TITLE 図A7.2 - 7 位置図及び単線結線図 B 変電所