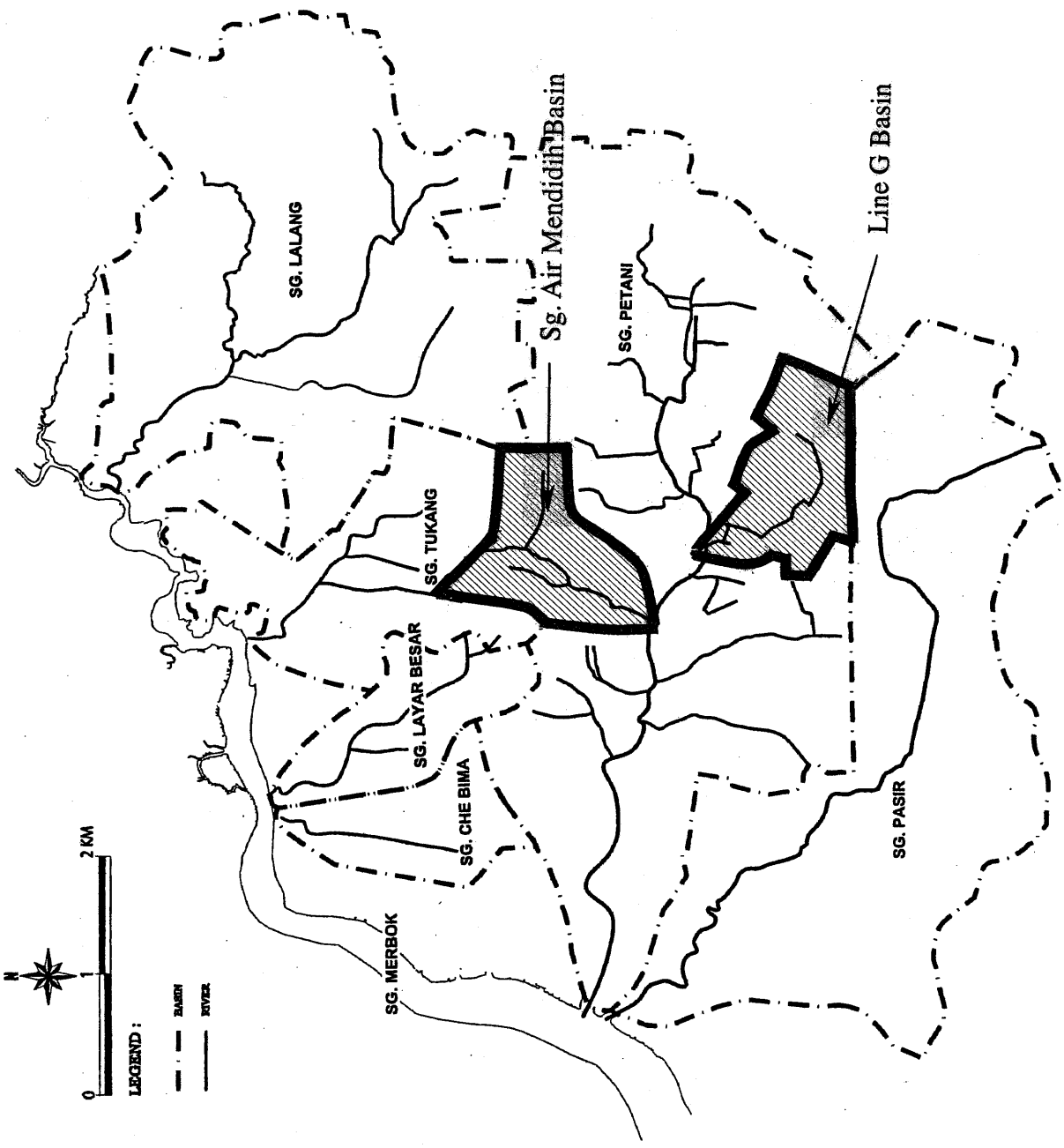
FIGURES



THE STUDY ON INTEGRATED URBAN DRAINAGE IMPROVEMENT FOR MELAKA AND SUNGAI PETANI IN MALAYSIA JAPAN INTERNATIONAL COOPERATION AGENCY	**Fig. IV-1(1/2)** **Location of Priority Project Areas in Sg. Petani**

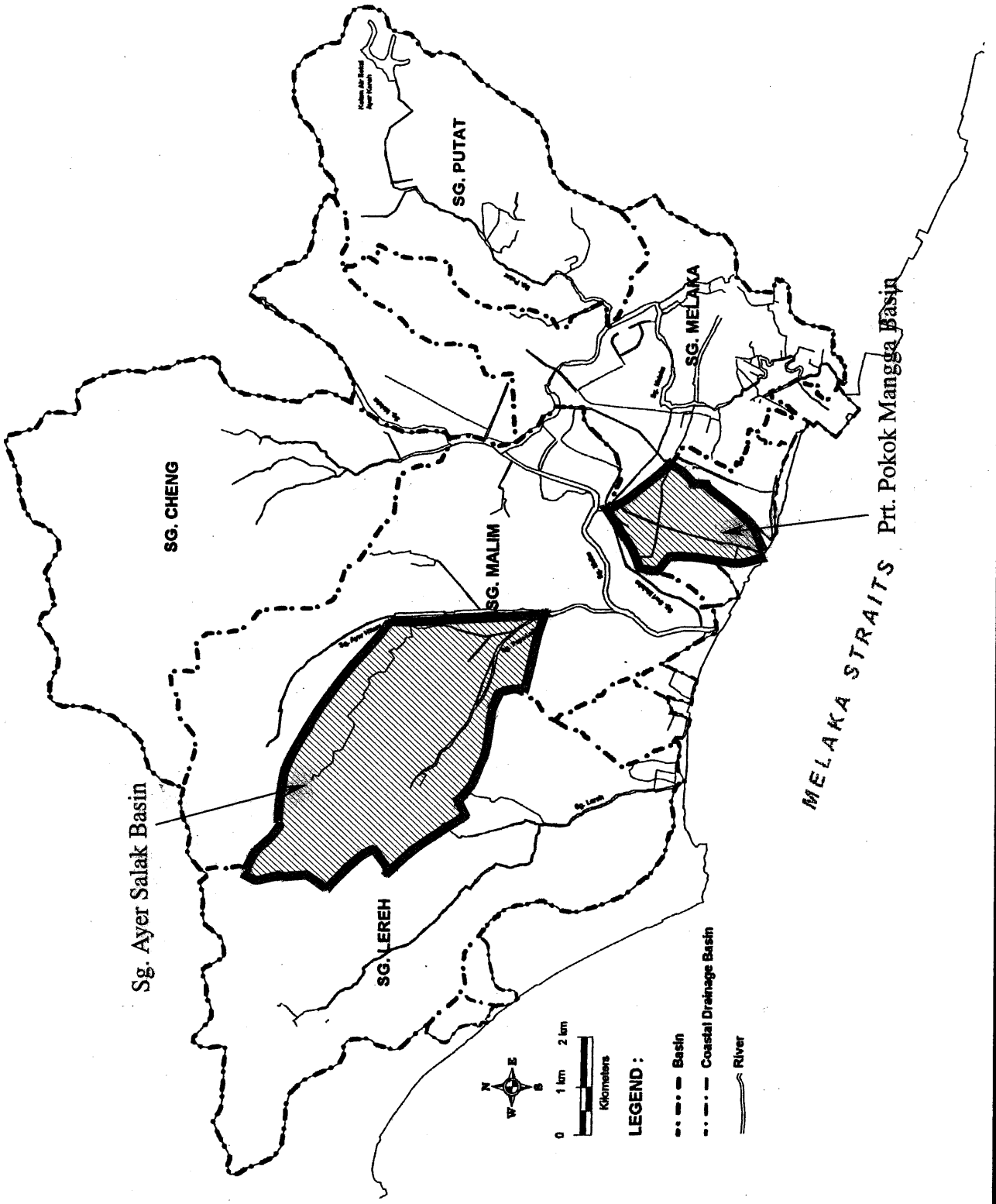


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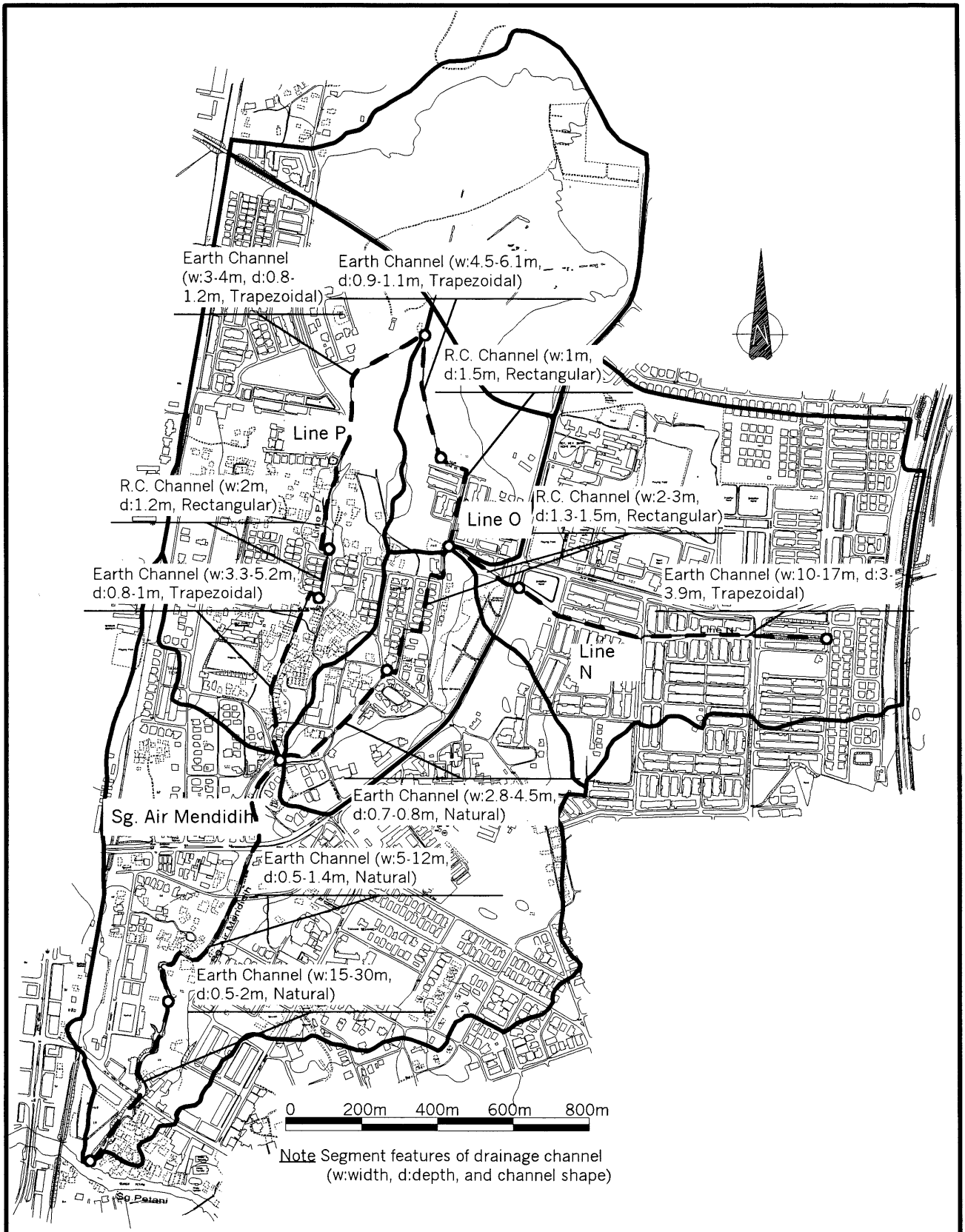
Fig. IV-1(2/2)
Location of Priority Project Areas in Melaka



THE STUDY ON INTEGRATED URBAN DRAINAGE IMPROVEMENT FOR MELAKA AND SUNGAI PETANI IN MALAYSIA JAPAN INTERNATIONAL COOPERATION AGENCY	**Fig. IV-2(1/4)** **Present Drainage Conditions of Sg. Air Mendidih Basin**

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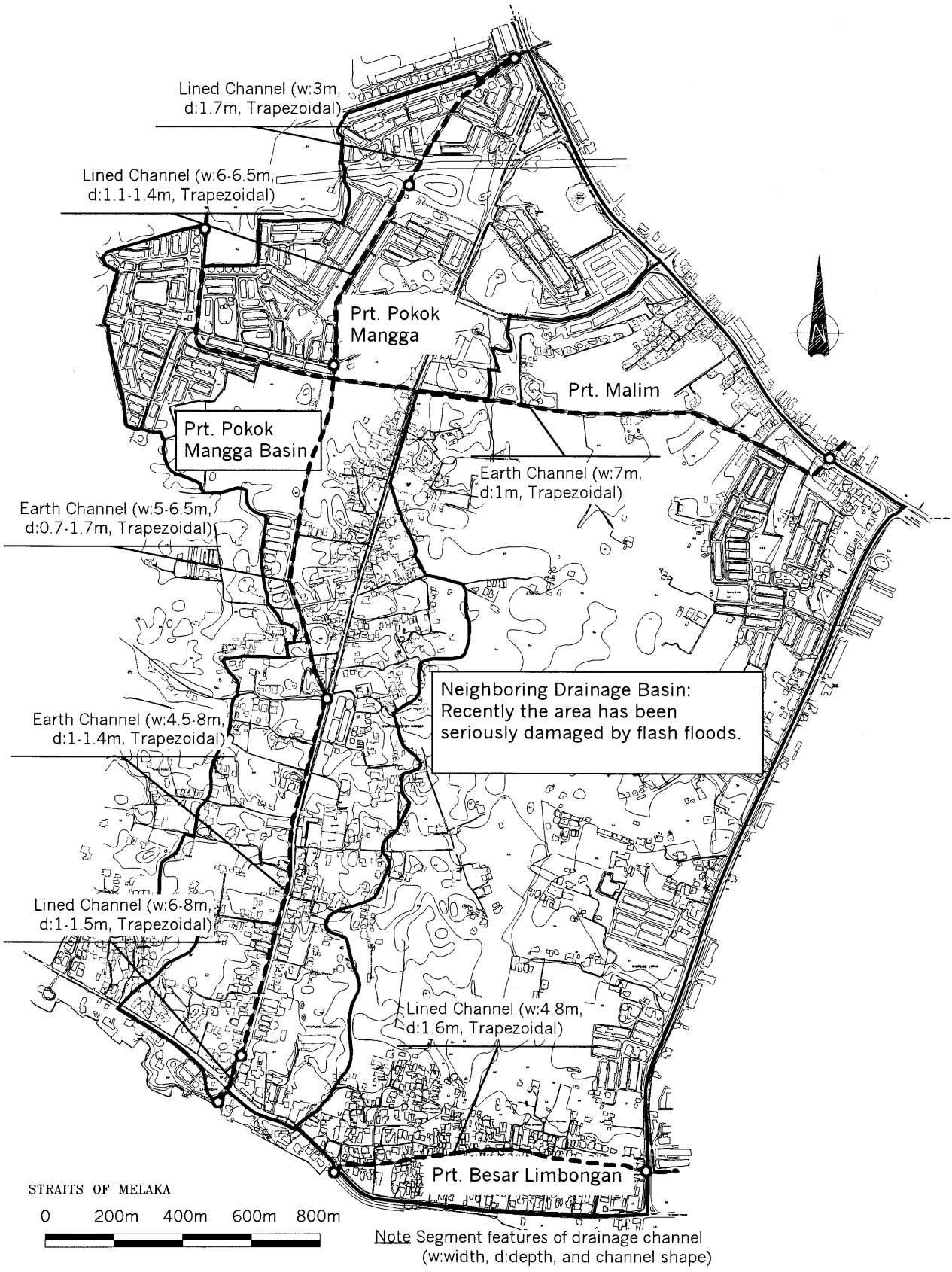
Fig. IV-2(2/4)
Present Drainage Conditions of Line G Basin



THE STUDY ON INTEGRATED URBAN DRAINAGE IMPROVEMENT FOR MELAKA AND SUNGAI PETANI IN MALAYSIA	**Fig. IV-2(3/4)** **Present Drainage Conditions of Prt. Pokok Mangga Basin**
JAPAN INTERNATIONAL COOPERATION AGENCY	

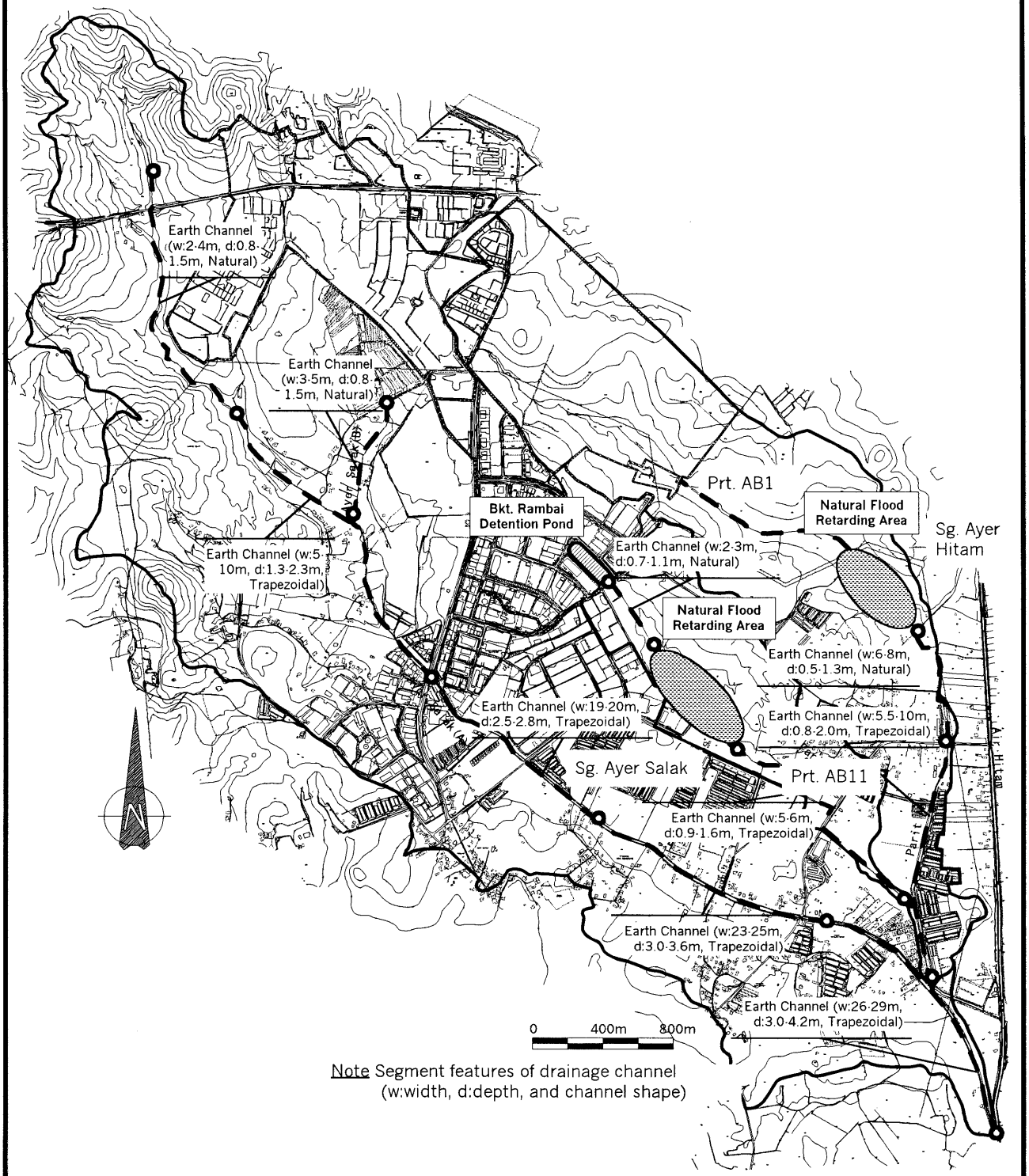


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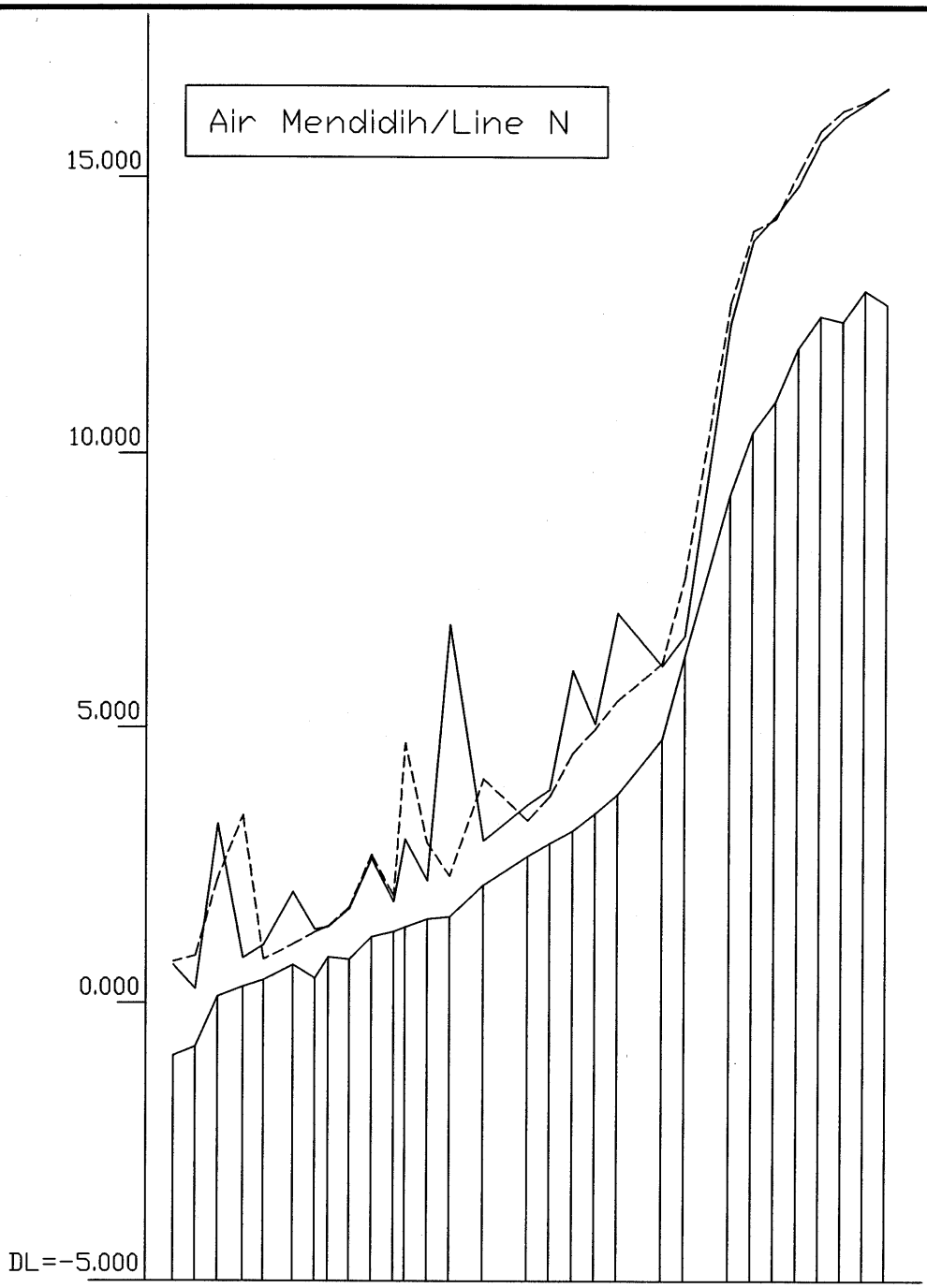
Fig. IV-2(4/4)
Present Drainage Conditions of Sg. Ayer Salak Basin



Chanage	Ch.0	Ch.100	Ch.200	Ch.316	Ch.410	Ch.545	Ch.644	Ch.705	Ch.800	Ch.900	Ch.1000	Ch.1050	Ch.1150	Ch.1250	Ch.1400	Ch.1600	Ch.1700	Ch.1800	Ch.1900	Ch.2000	Ch.2200	Ch.2300	Ch.2500	Ch.2600	Ch.2700	Ch.2800	Ch.2900	Ch.3000	Ch.3100	Ch.3200
Cumulative Distance (m)	0	100	200	316	410	545	644	705	800	900	1000	1050	1150	1250	1400	1600	1700	1800	1900	2000	2200	2300	2500	2600	2700	2800	2900	3000	3100	3200
Bed Level (m)	-0.95	-0.79	0.12	0.30	0.42	0.70	0.46	0.84	0.80	1.20	1.30	1.38	1.53	1.57	2.15	2.67	2.90	3.13	3.45	3.79	4.80	6.32	9.26	10.40	10.95	11.93	12.50	12.40	12.96	12.71
Right Bank Level (m)	0.69	0.26	3.25	0.82	1.06	2.02	1.34	1.38	1.72	2.63	1.85	2.98	2.23	6.87	2.95	3.60	3.88	6.04	5.07	7.09	6.13	6.68	12.36	13.86	14.32	14.86	15.67	16.07	16.33	16.63
Left Bank Level (m)	0.76	0.86	2.26	3.41	0.80	1.07	1.29	1.40	1.74	2.69	1.95	4.72	2.90	2.31	4.07	3.32	3.76	4.54	4.98	5.50	6.18	7.75	12.74	14.04	14.26	15.09	15.85	16.21	16.37	16.61
Channel Slope (%)		0.138														0.273					0.505	1.487	0.810					0.070		

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Fig. IV-3(1/6)
Longitudinal Profile of Sg. Air Mendidih and Line N

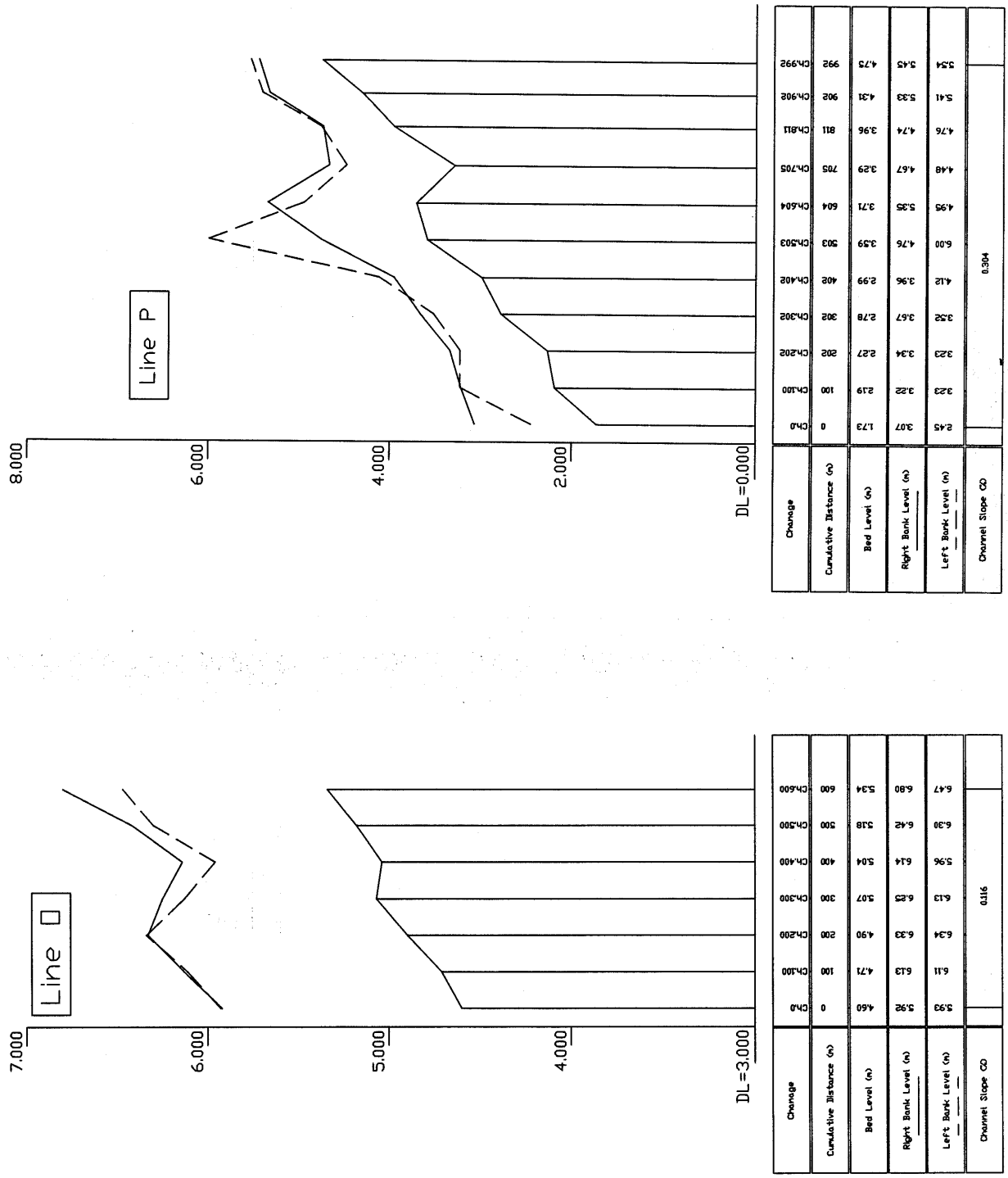

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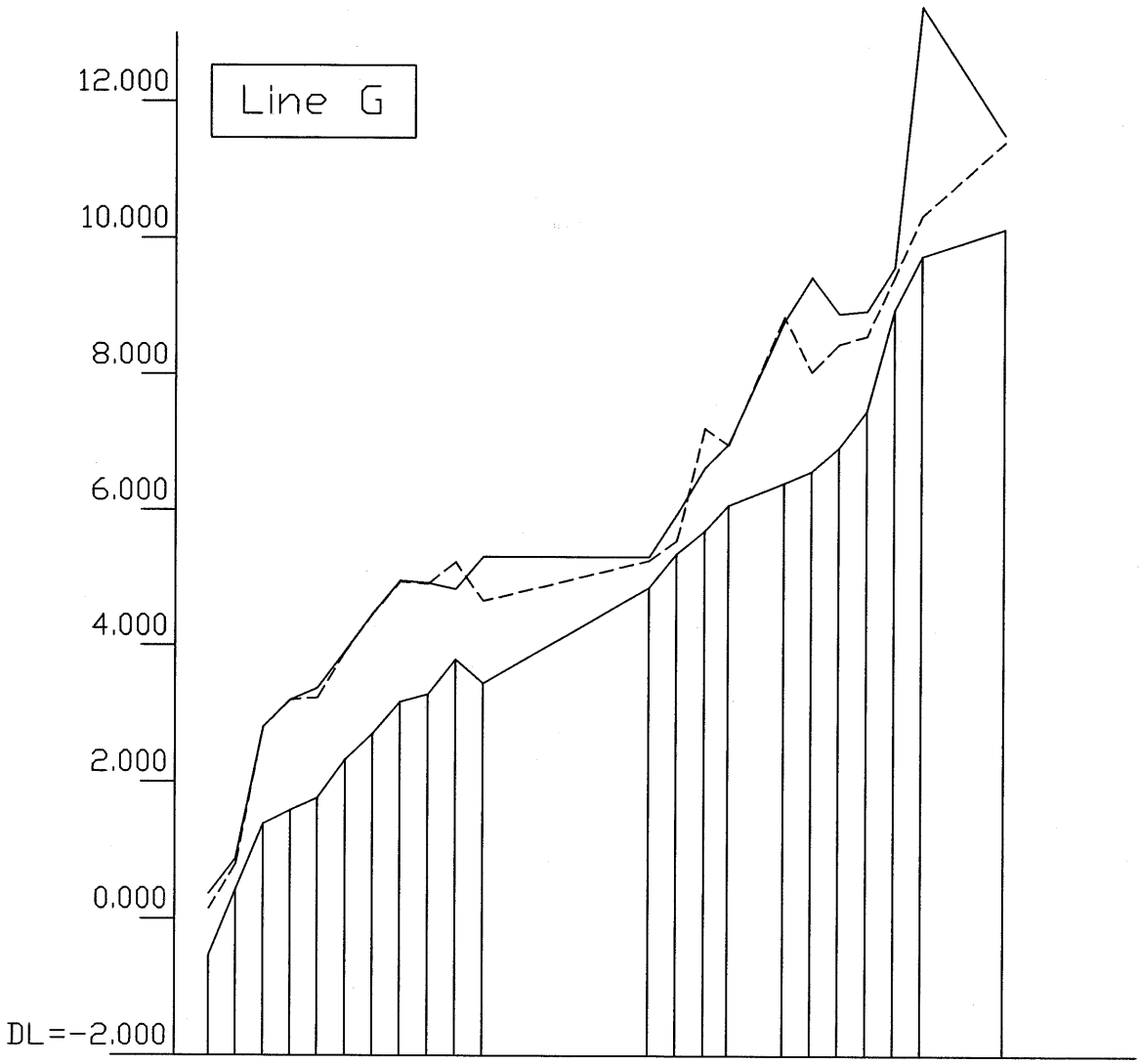
Fig. IV-3(2/6)
Longitudinal Profile of Line O and Line P



Chanage	Ch.0	Ch.100	Ch.200	Ch.300	Ch.400	Ch.500	Ch.600	Ch.700	Ch.800	Ch.900	Ch.1000	Ch.1600	Ch.1700	Ch.1800	Ch.1886	Ch.2086	Ch.2186	Ch.2286	Ch.2386	Ch.2486	Ch.2586	Ch.2886
Cumulative Distance (m)	0	100	200	300	400	500	600	700	800	900	1000	1600	1700	1800	1886	2086	2186	2286	2386	2486	2586	2886
Bed Level (m)	-0.53	0.43	1.39	1.59	1.77	2.33	2.71	3.17	3.28	3.80	3.45	4.86	5.36	5.70	6.08	6.41	6.58	6.93	7.48	8.97	9.75	10.15
Right Bank Level (m)	0.37	0.88	2.81	3.20	3.37	3.92	4.47	4.96	4.92	4.83	5.31	5.31	5.94	6.63	6.99	8.80	9.44	8.91	8.95	9.59	13.41	11.53
Left Bank Level (m)	0.15	0.80	2.81	3.20	3.23	3.91	4.46	4.94	4.91	5.23	4.66	5.26	5.55	7.22	6.97	8.86	8.05	8.46	8.58	9.45	10.34	11.42
Channel Slope (%)		0.962	0.190	0.467		0.198						0.658		0.253				0.943		0.133		

THE STUDY ON
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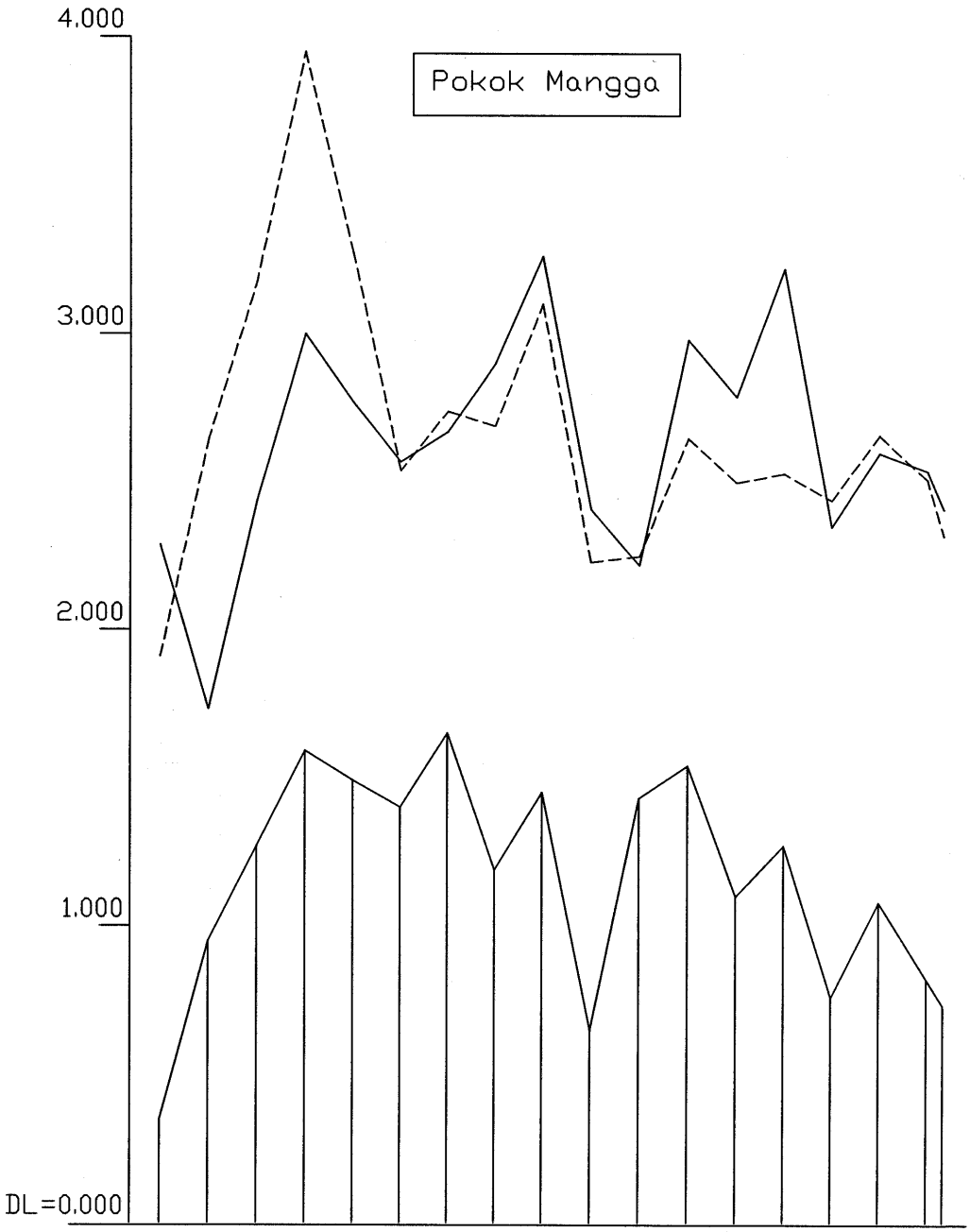
Fig. IV-3(3/6)
Longitudinal Profile of Line G



Chanage	Ch.0	Ch.200	Ch.400	Ch.600	Ch.800	Ch.1000	Ch.1200	Ch.1400	Ch.1600	Ch.1800	Ch.2000	Ch.2200	Ch.2400	Ch.2600	Ch.2800	Ch.3000	Ch.3200	Ch.3270
Cumulative Distance (m)	0	200	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3270
Bed Level (m)	0.35	0.95	1.27	1.59	1.49	1.40	1.65	1.19	1.45	0.65	1.43	1.54	1.10	1.27	0.76	1.08	0.82	0.73
Right Bank Level (m)	2.29	1.73	2.44	3.00	2.77	2.57	2.67	2.90	3.26	2.41	2.22	2.98	2.79	3.22	2.35	2.60	2.54	2.41
Left Bank Level (m)	1.91	2.65	3.18	3.95	3.27	2.54	2.74	2.69	3.10	2.23	2.25	2.65	2.50	2.53	2.44	2.66	2.51	2.32
Channel Slope (%)																		

THE STUDY ON
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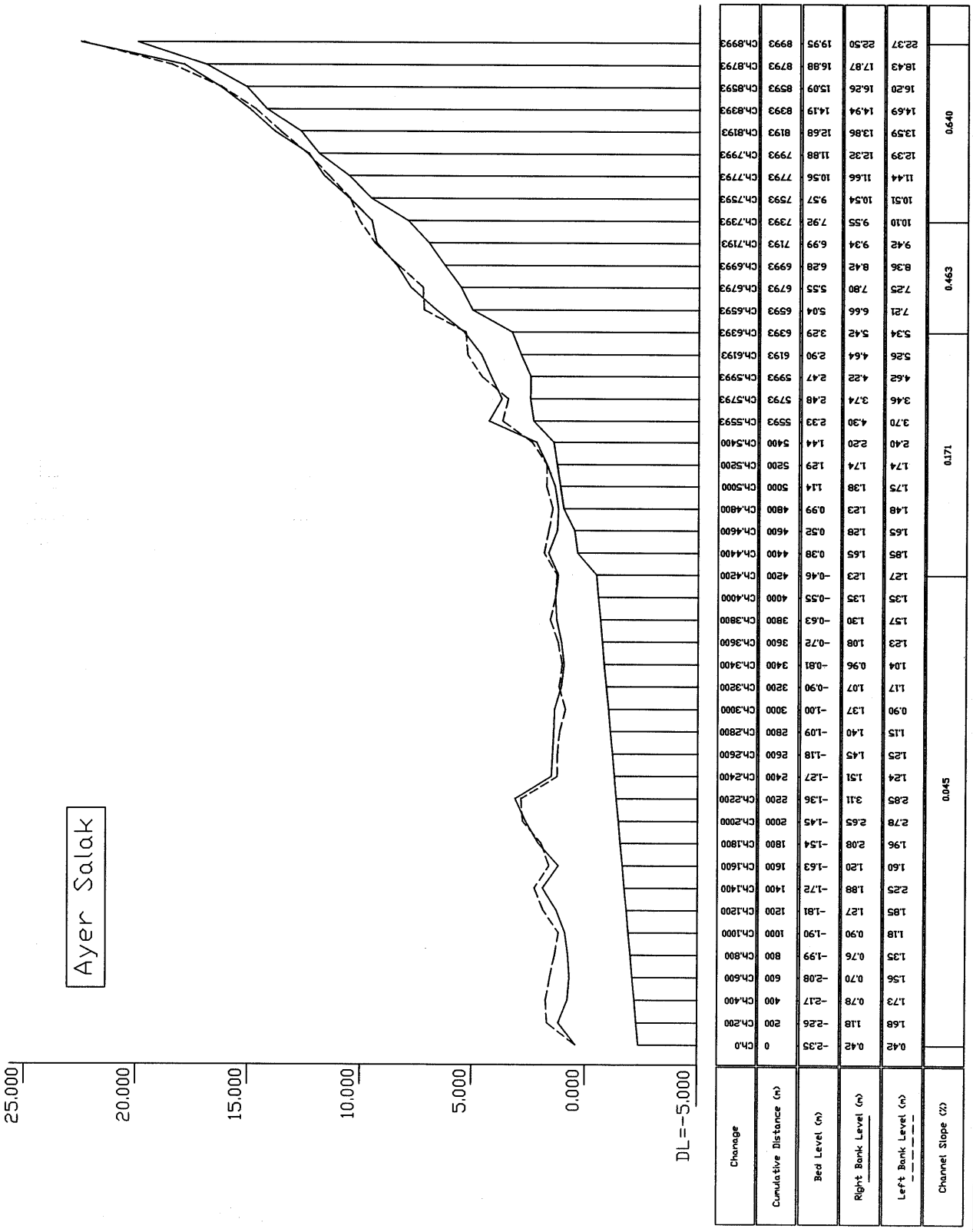
Fig. IV-3(4/6)
Longitudinal Profile of Prt. Pokok Mangga



THE STUDY ON
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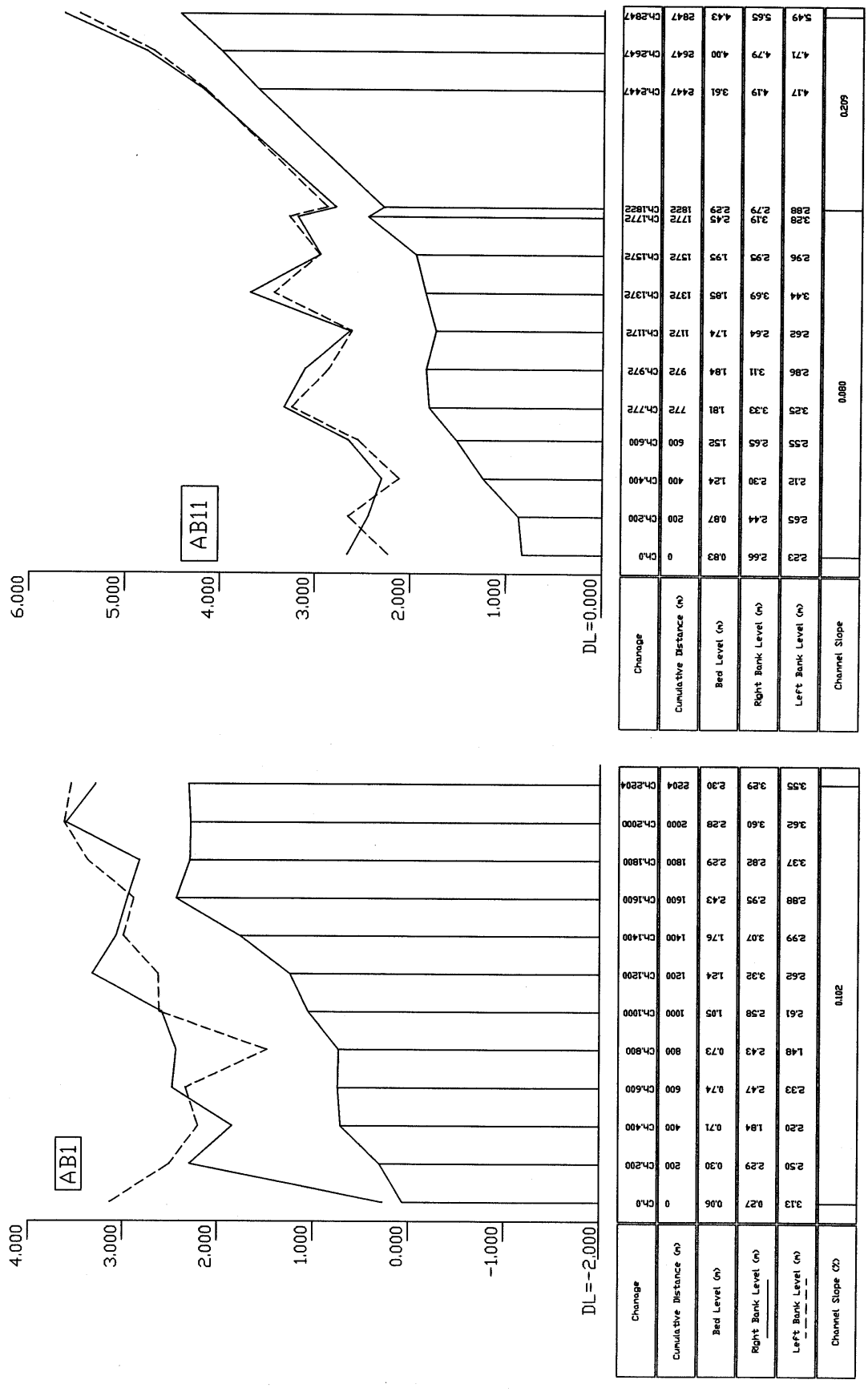
Fig. IV-3(5/6)
Longitudinal Profile of Sg. Ayer Salak



THE STUDY ON INTEGRATED URBAN DRAINAGE IMPROVEMENT FOR MELAKA AND SUNGAI PETANI IN MALAYSIA JAPAN INTERNATIONAL COOPERATION AGENCY	**Fig. IV-3(6/6)** **Longitudinal Profile of Prt. AB1 and Prt AB11**