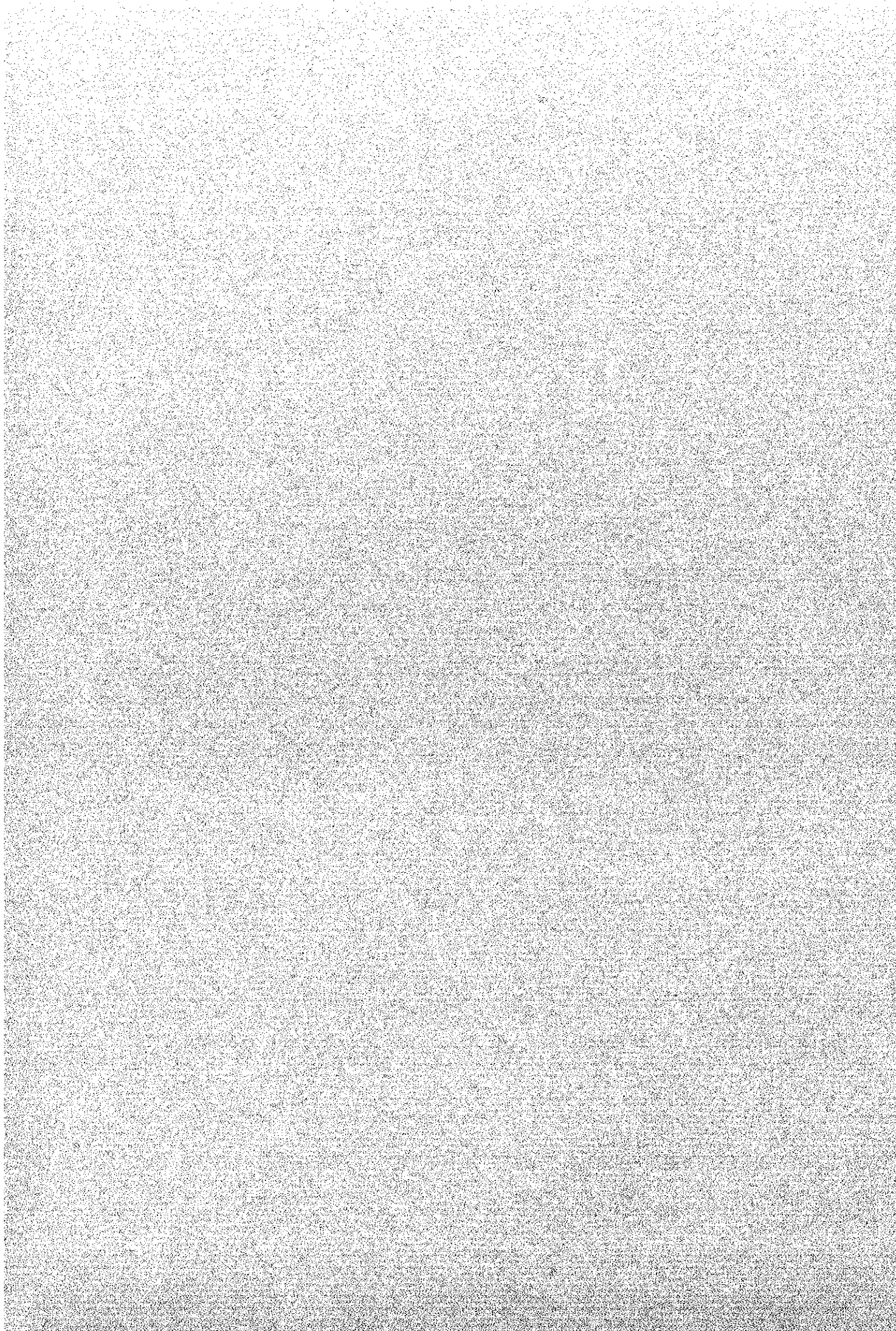


APPENDIX E

MONGLA PORT DEMAND FORECAST



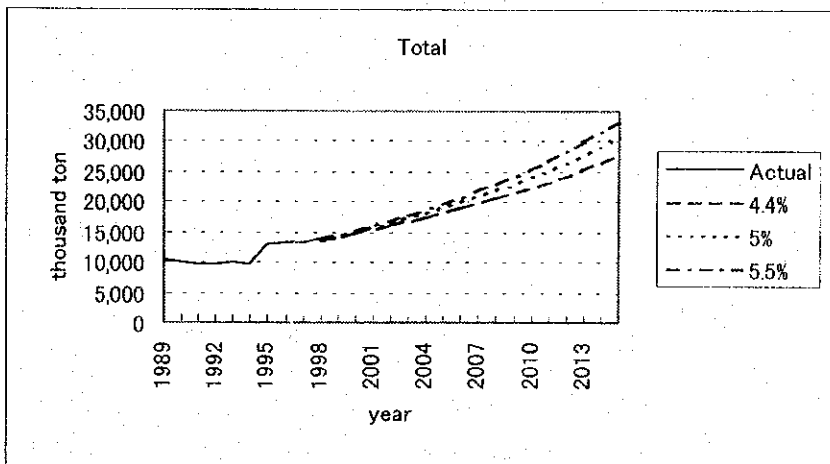
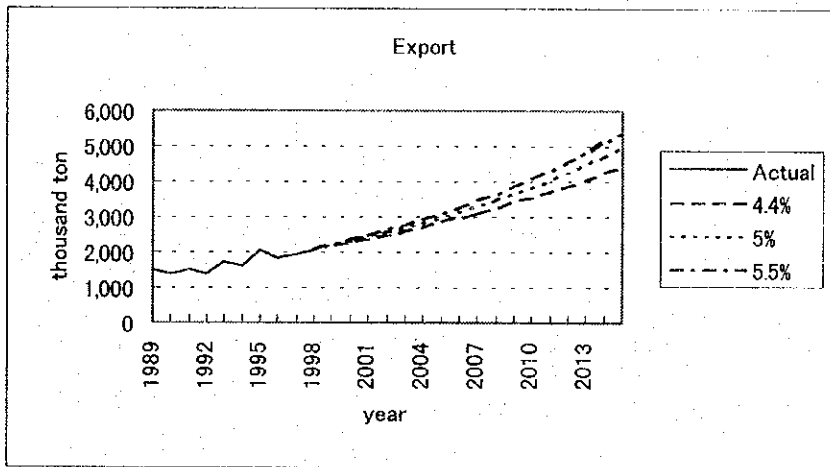
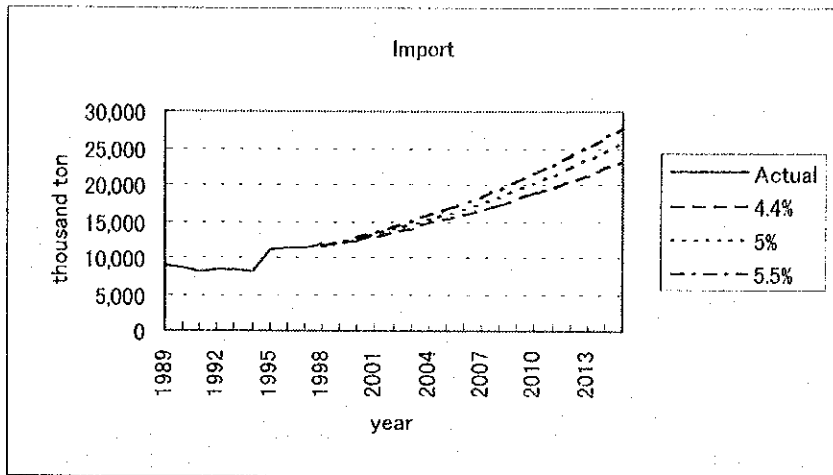


Fig. E-7.2.1 Macro Demand Forecast

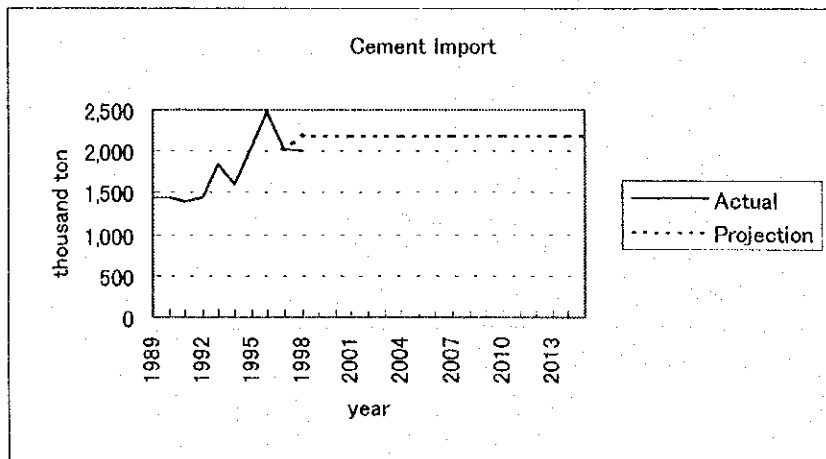
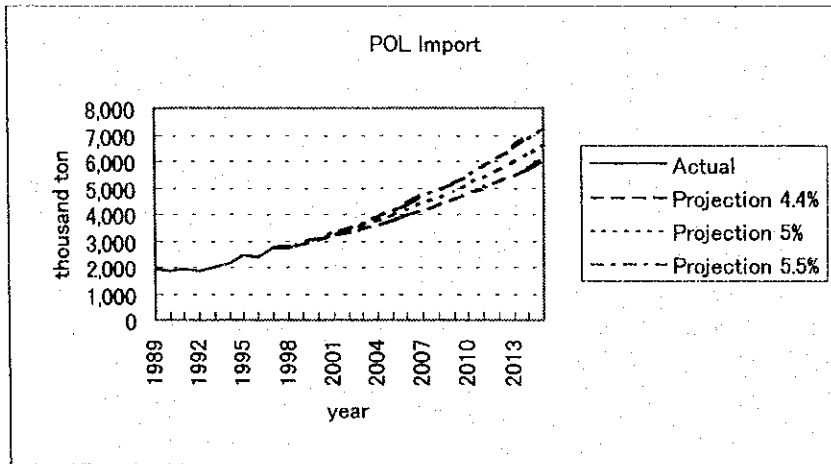
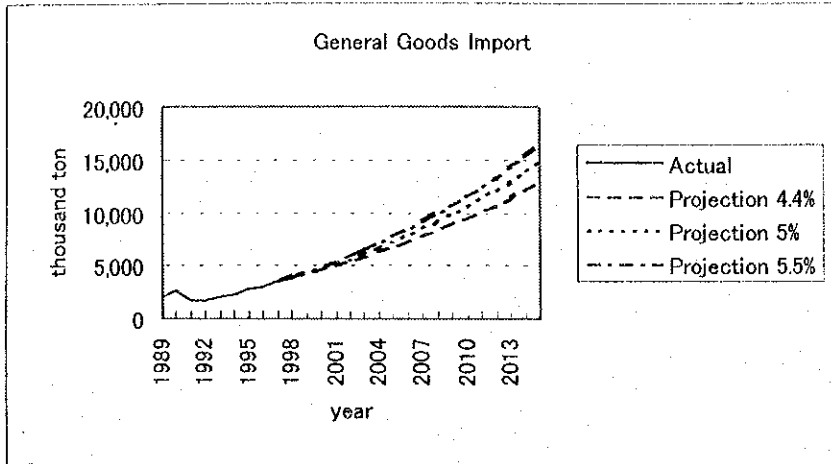


Fig. E-7.2.2 Micro Demand Forecast - Import (1)

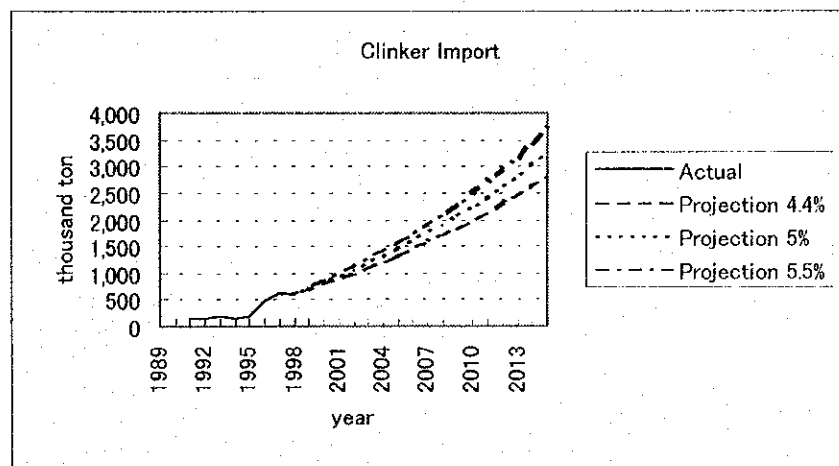
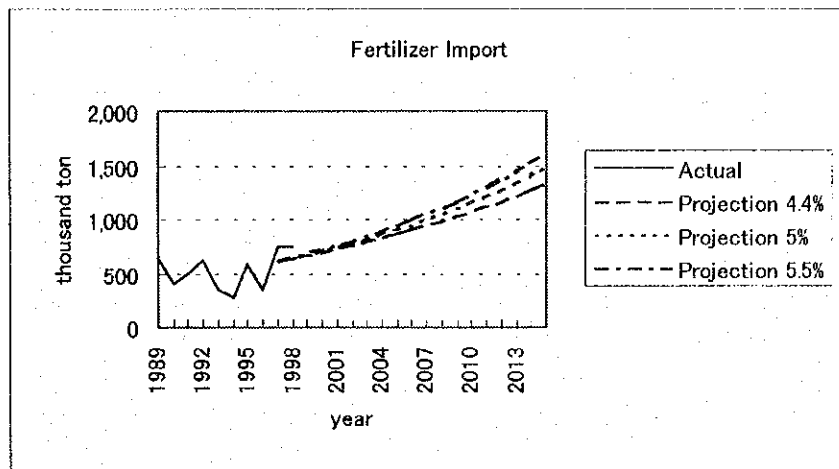
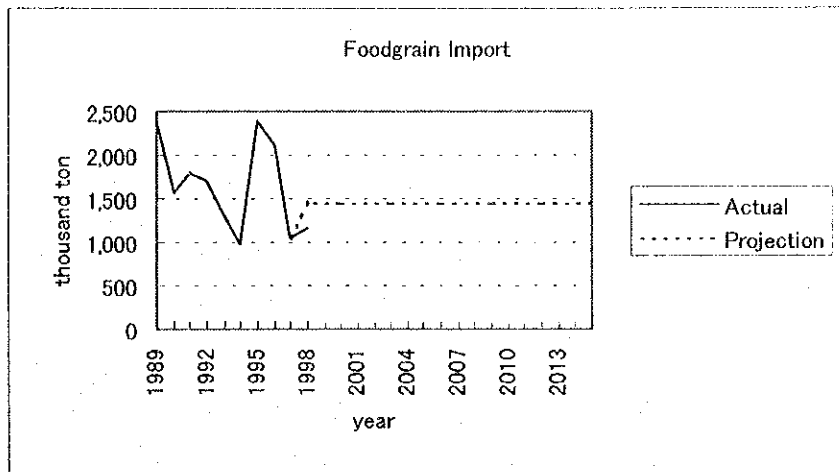


Fig. E-7.2.2 Micro Demand Forecast - Import (2)

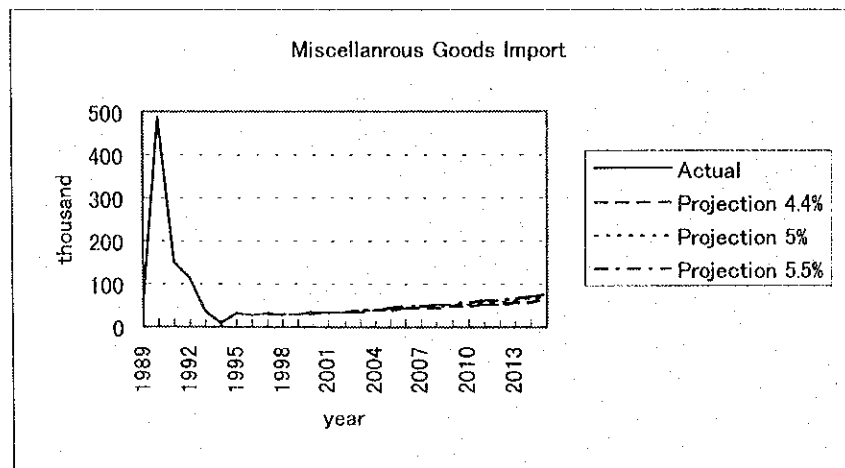
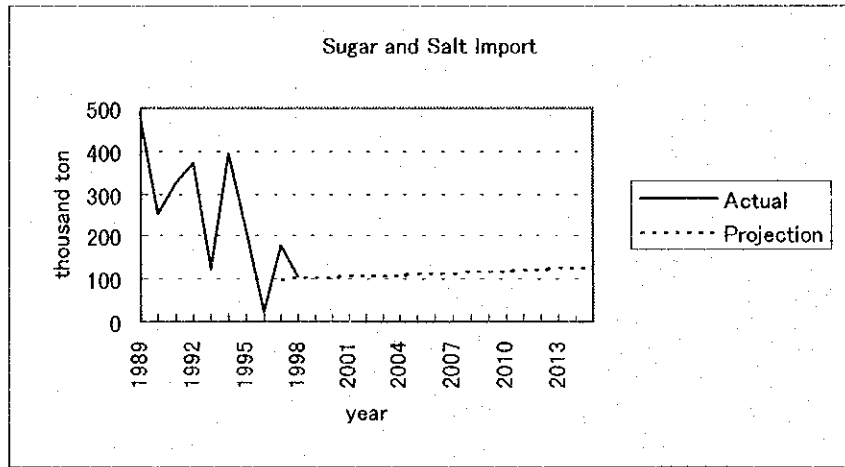
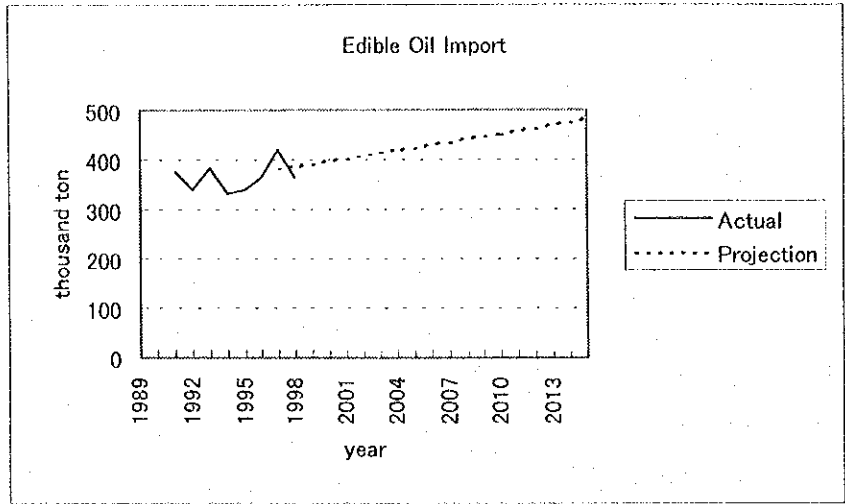


Fig. E-7.2.2 Micro Demand Forecast - Import (3)

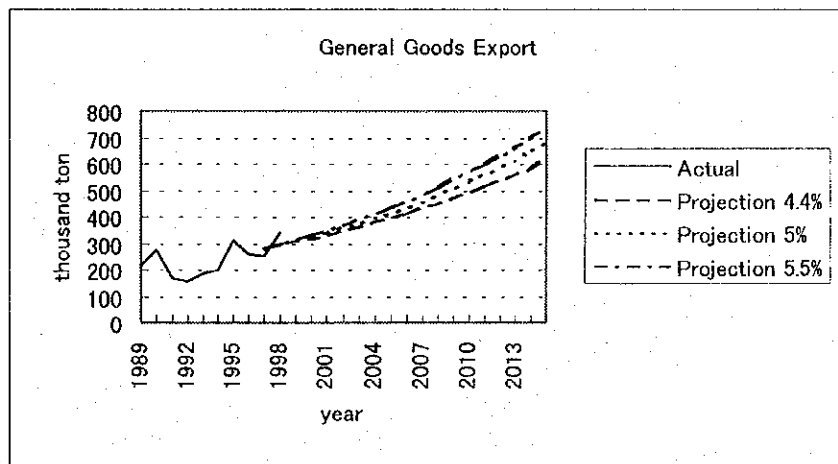
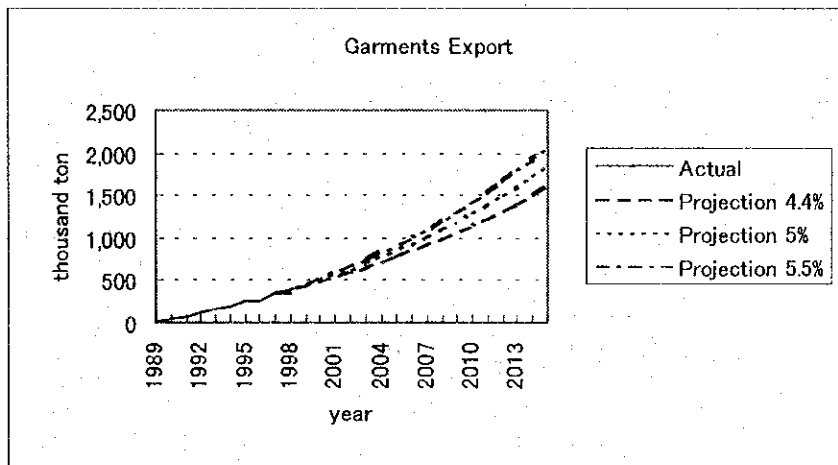
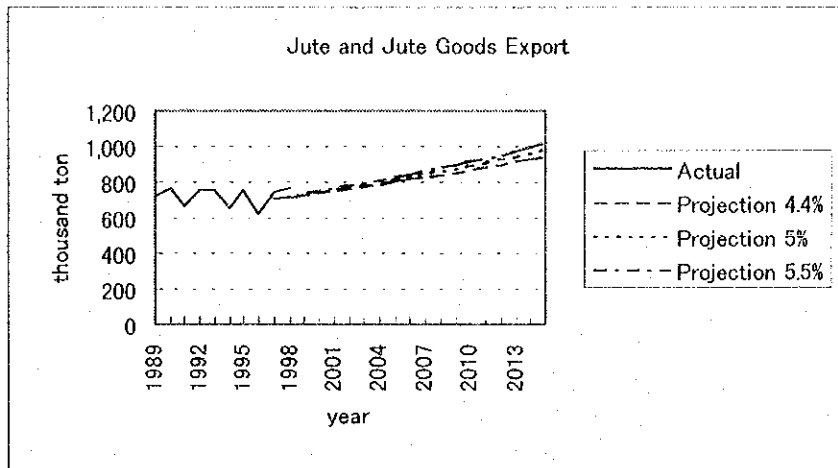


Fig. E-7.2.3 Micro Demand Forecast - Export (1)

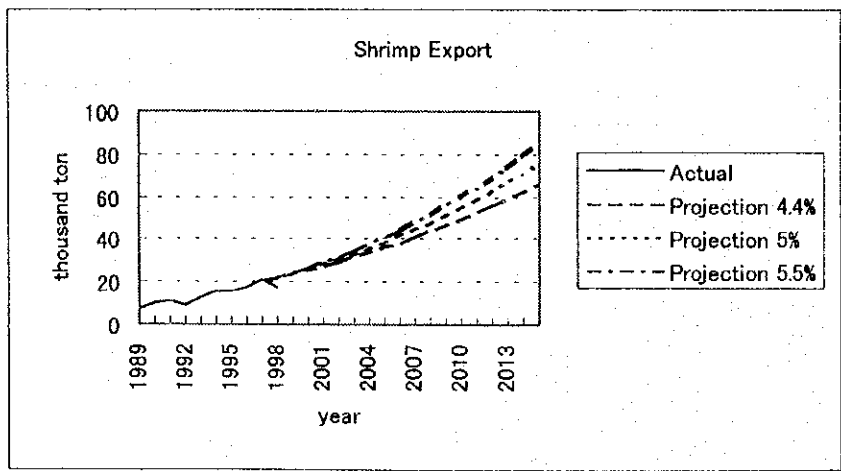
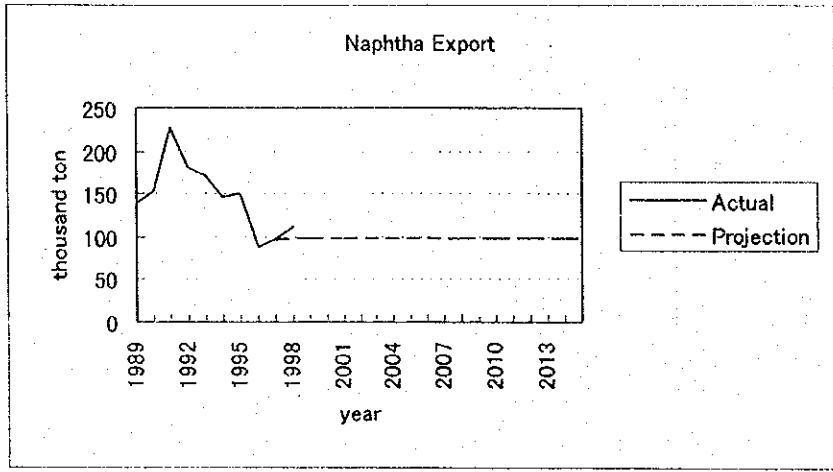
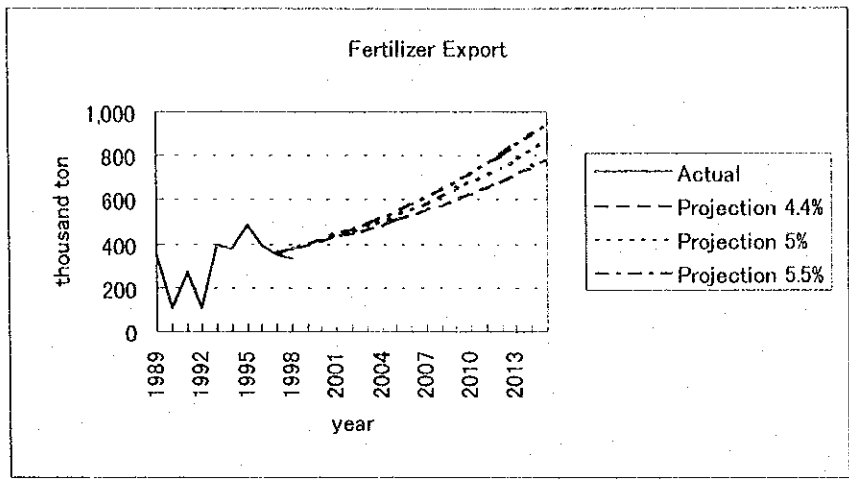


Fig. E-7.2.3 Micro Demand Forecast - Export (2)

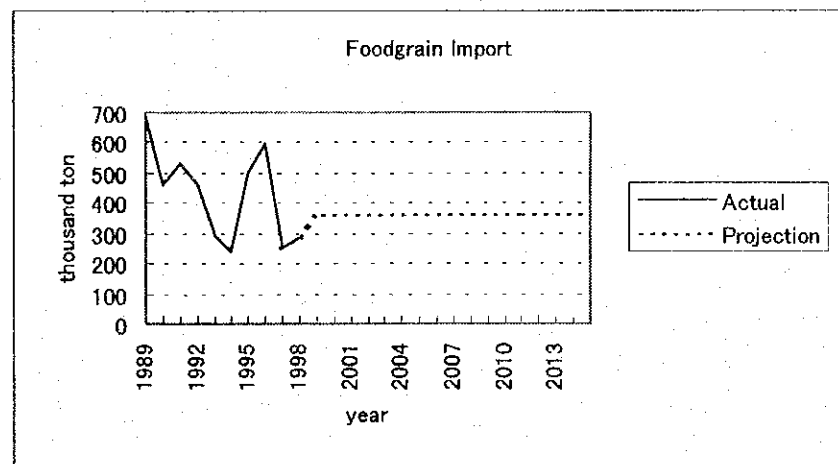
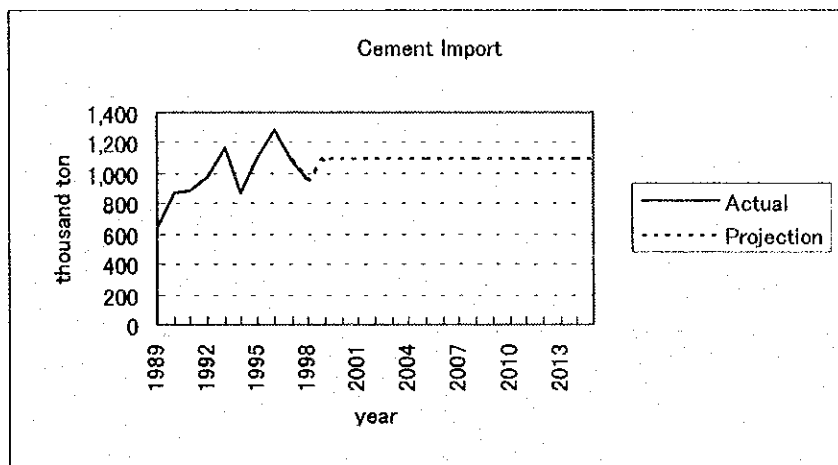
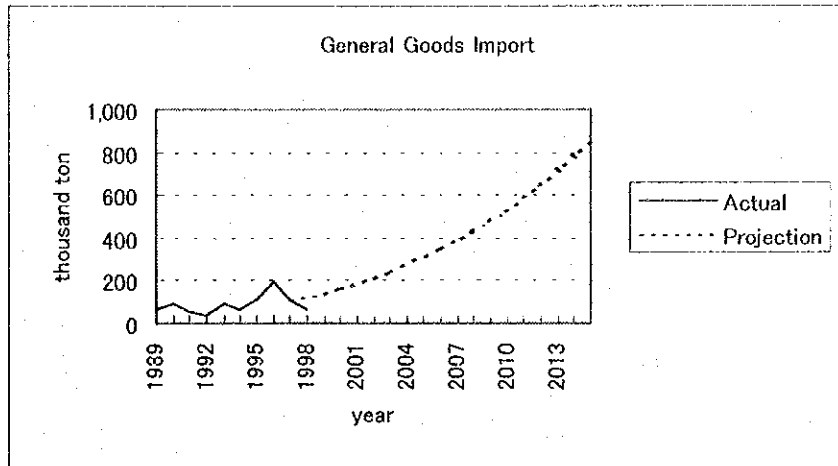


Fig. E-7.2.4 Demand Forecast of Mongla Port (1)

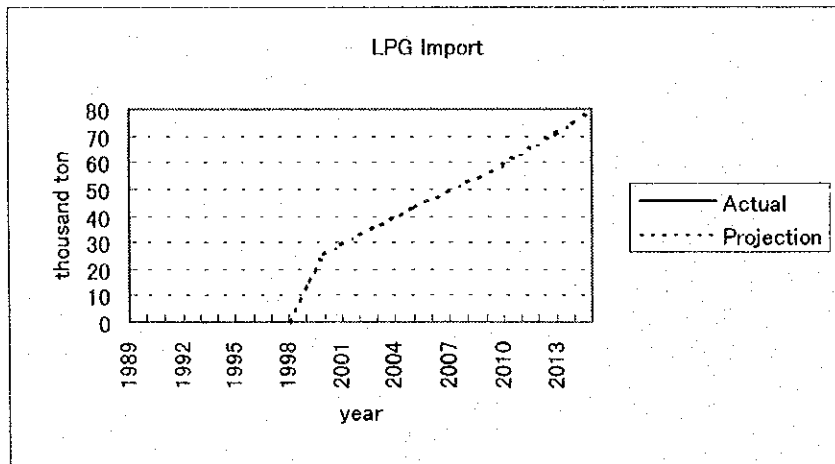
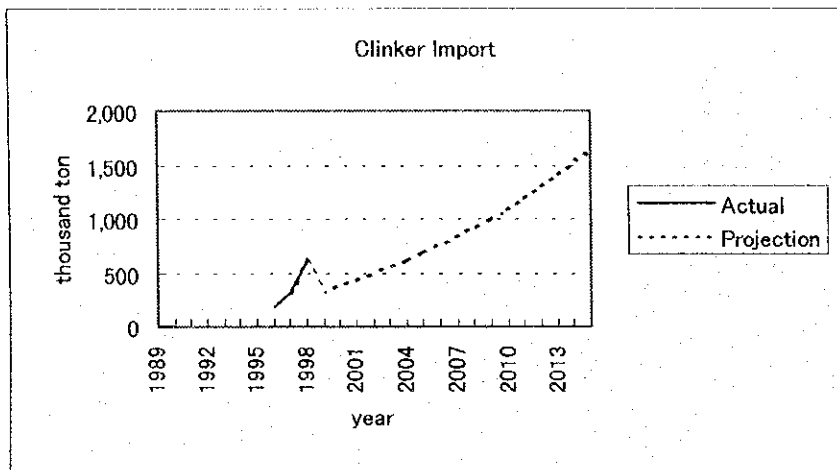
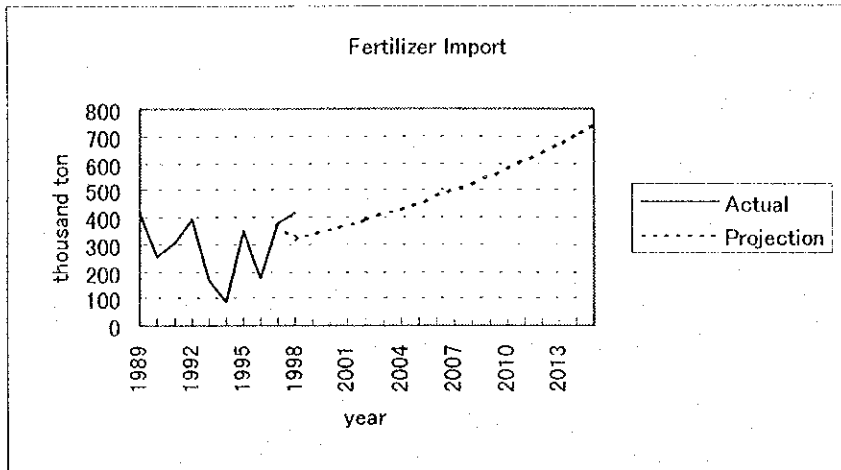


Fig. E-7.2.4 Demand Forecast of Mongla Port (2)

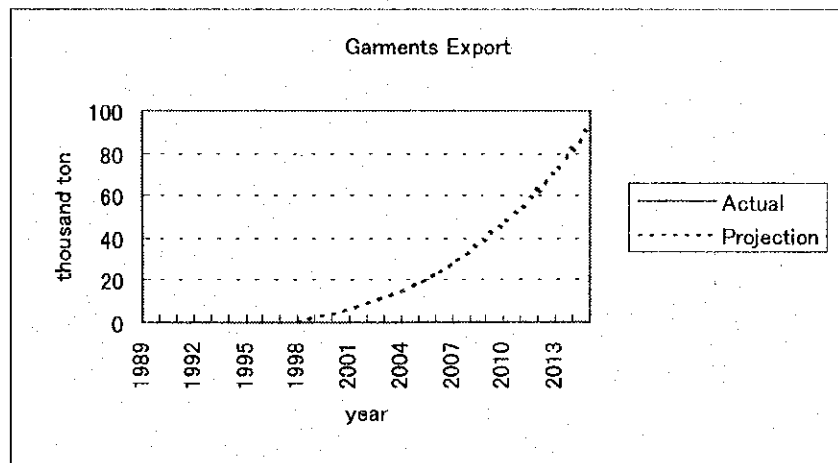
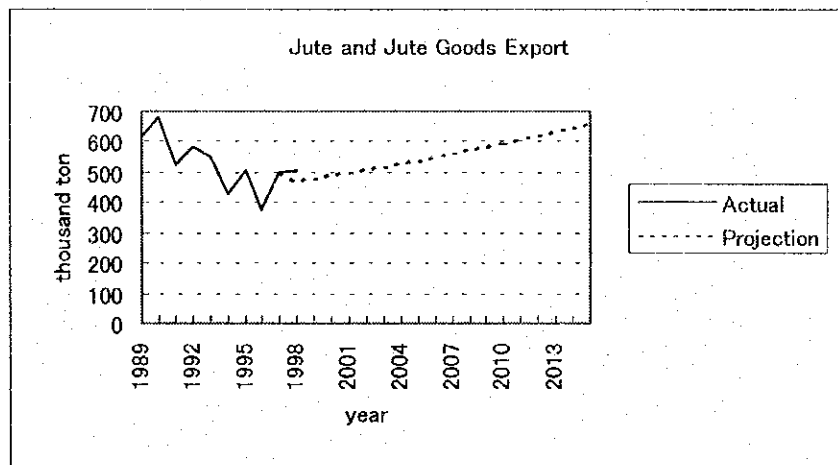
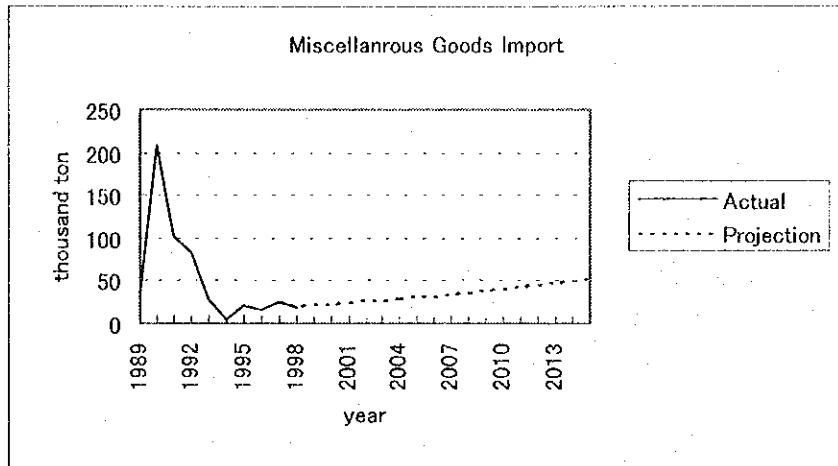


Fig. E-7.2.4 Demand Forecast of Mongla Port (3)

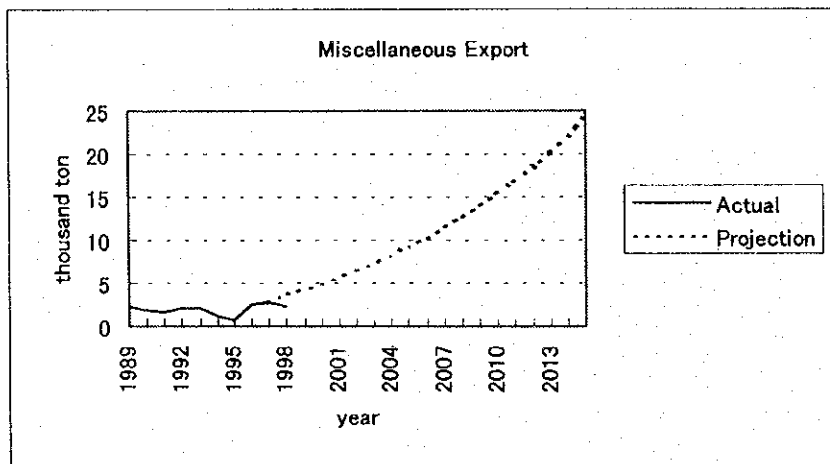
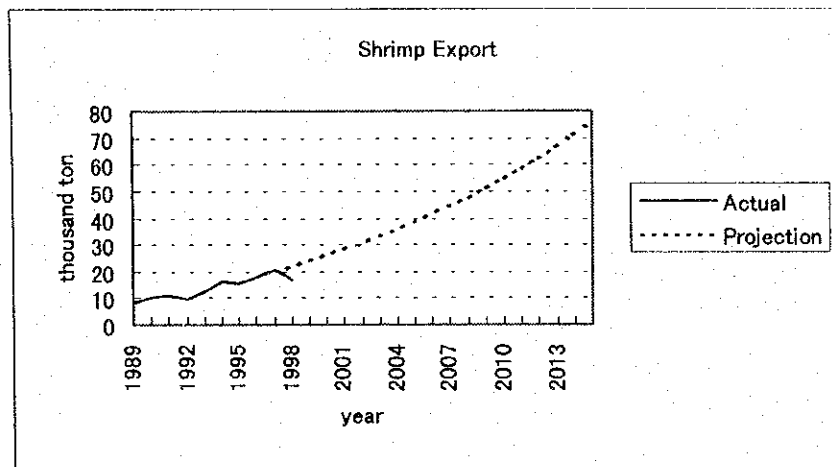
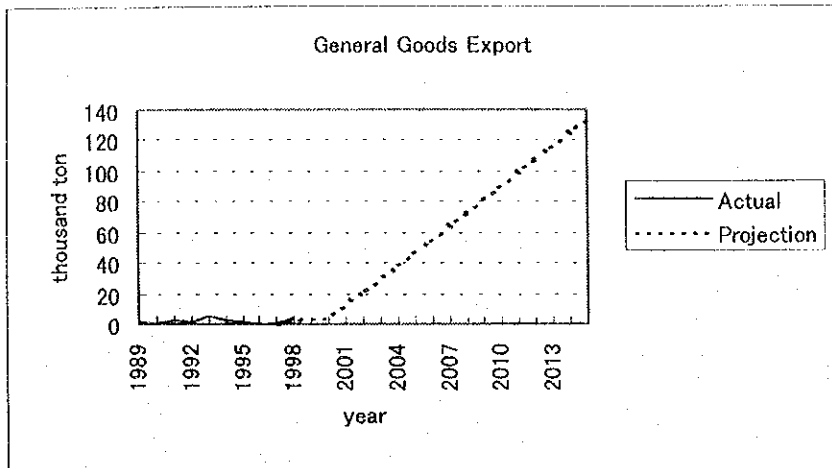


Fig. E-7.2.4 Demand Forecast of Mongla Port (4)

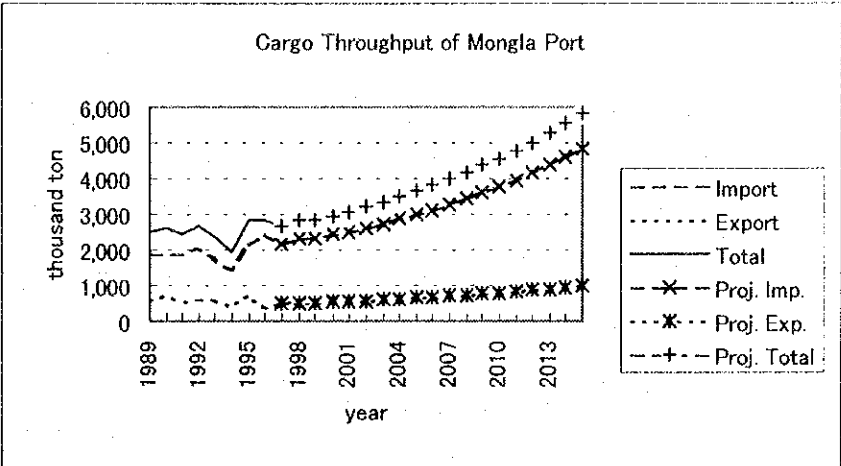


Fig. E-7.2.4 Demand Forecast of Mongla Port (5)

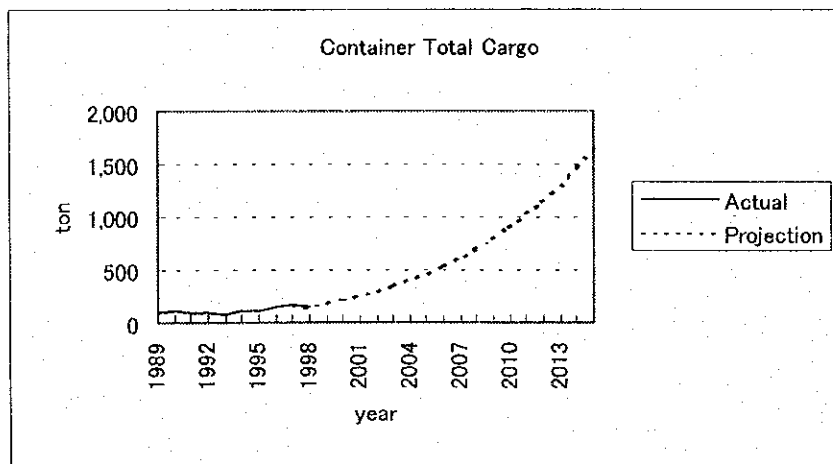
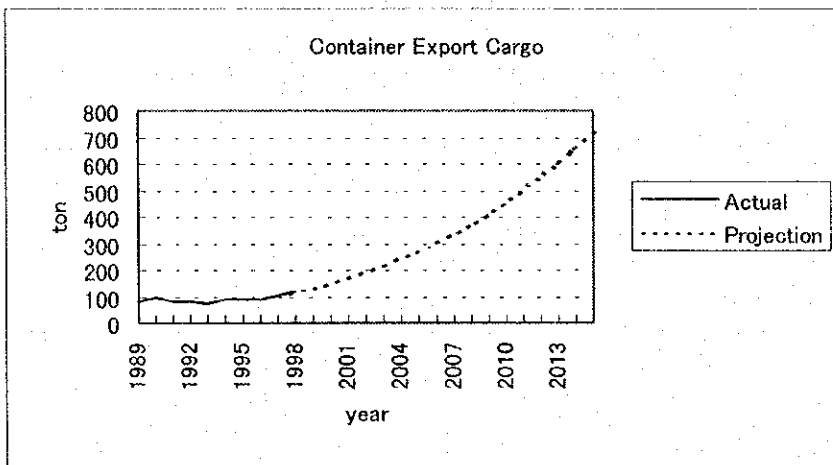
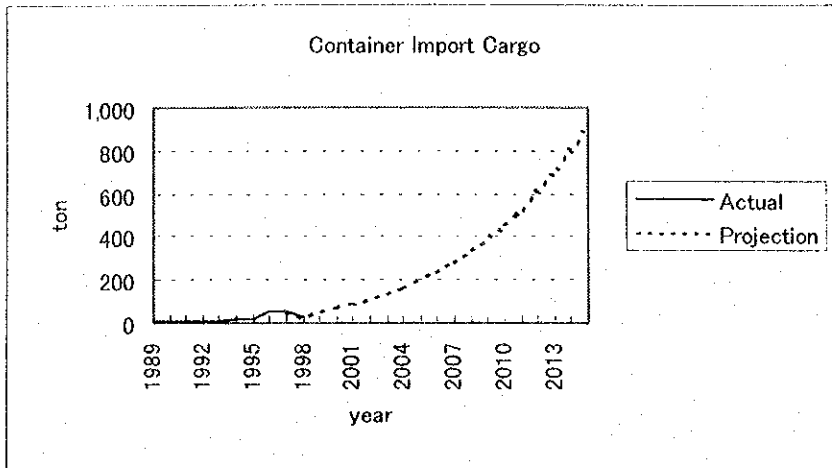


Fig. E-7.2.5 Container Throughput at Mongla Port

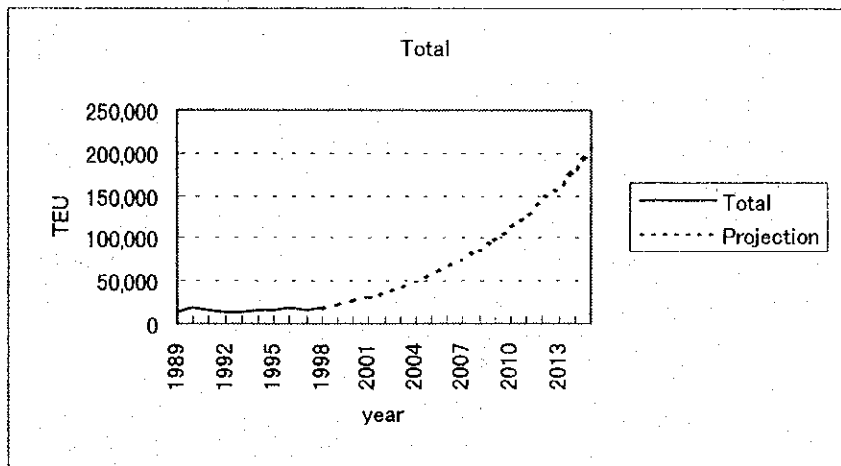
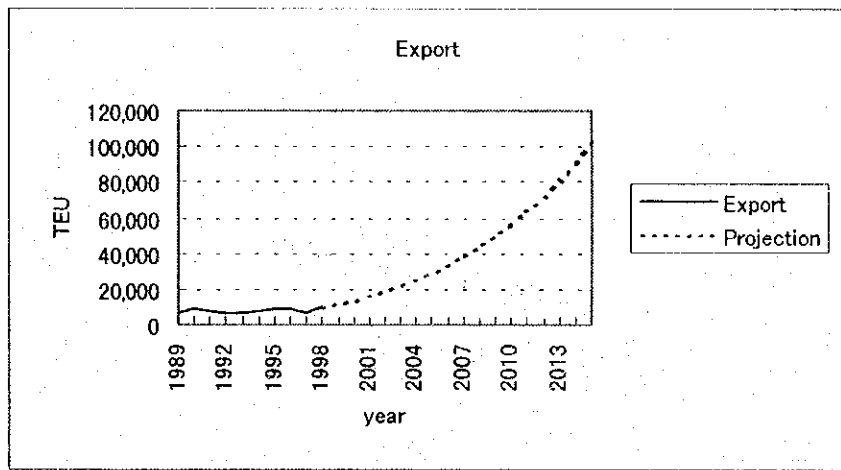
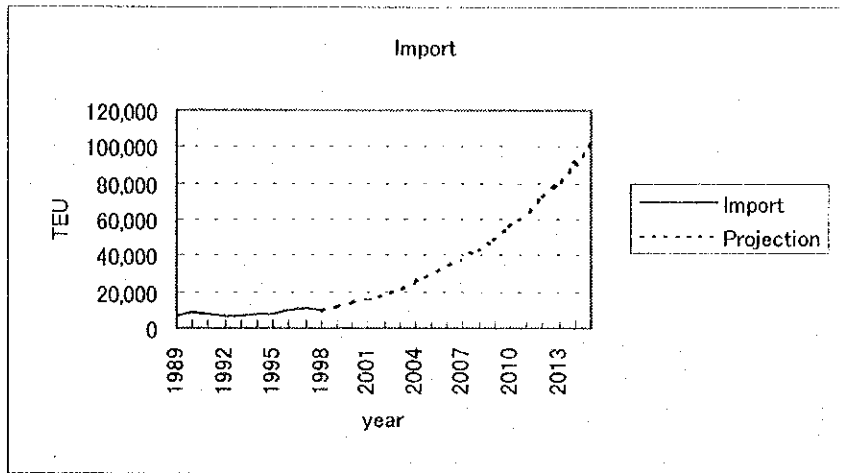


Fig. E-7.2.6 Container Throughput in TEU Basis

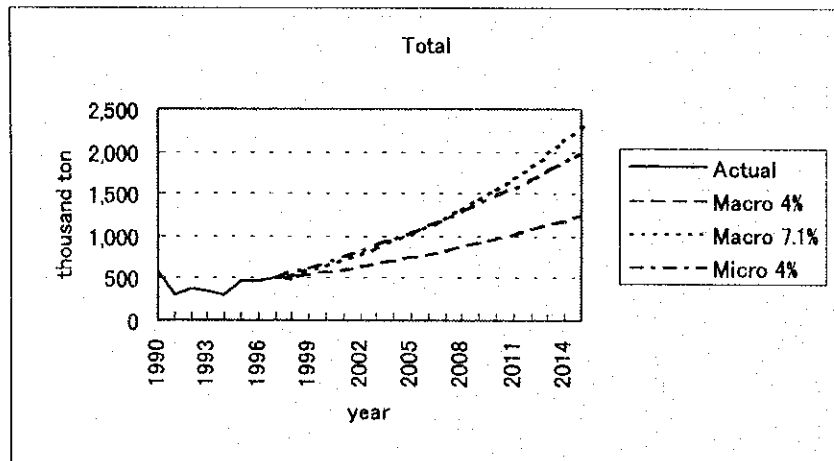
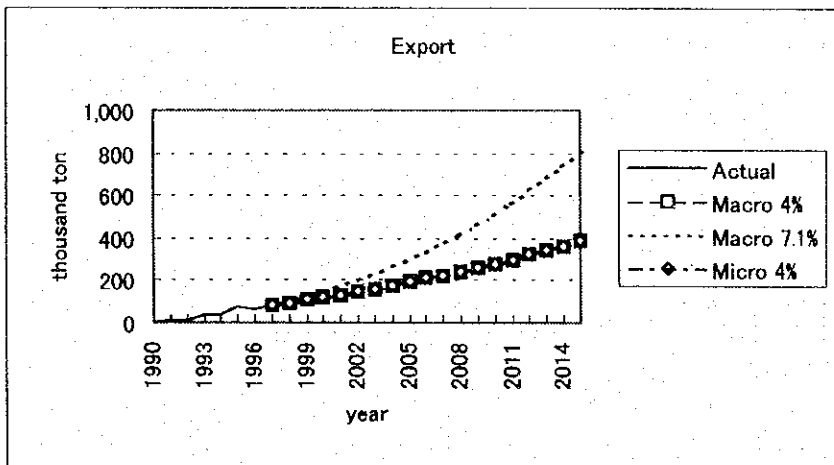
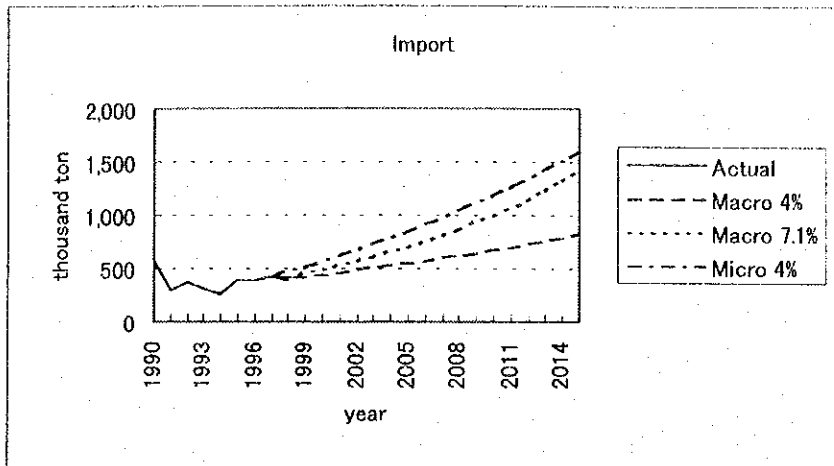


Fig. E-7.3.1 Forecast of Nepalese Cargo

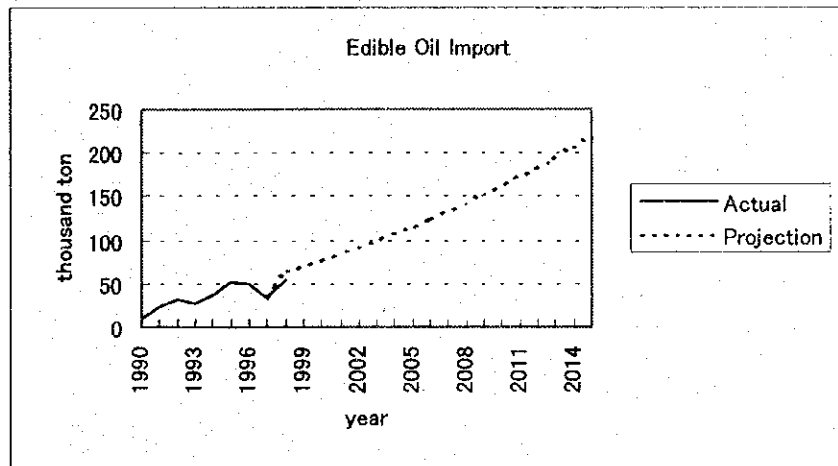
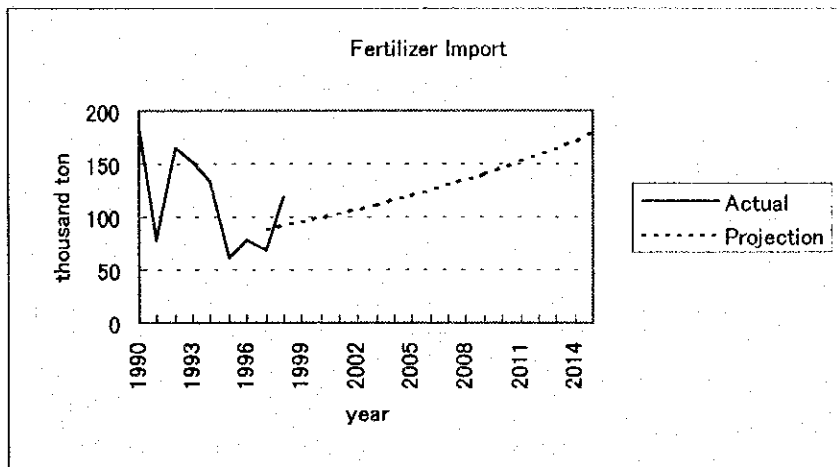
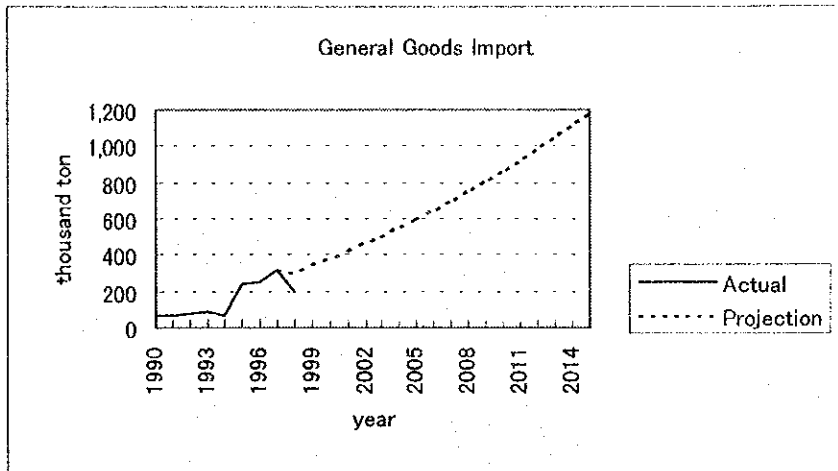


Fig. E-7.3.2 Micro Demand Forecast for Nepalese Cargo (1)

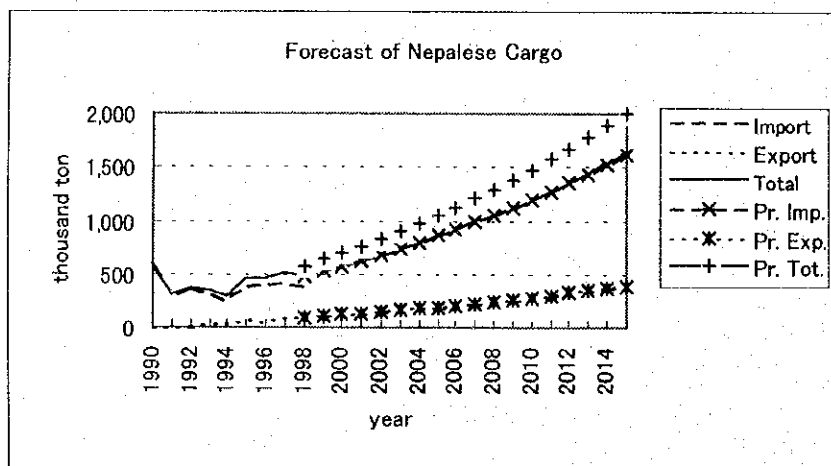
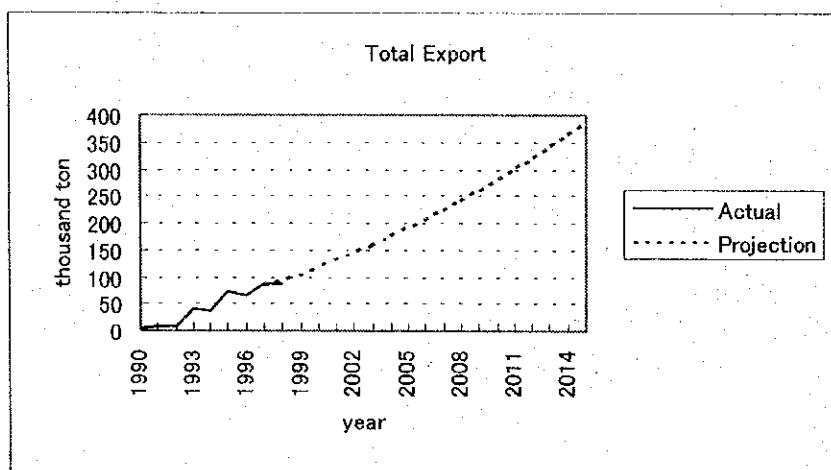
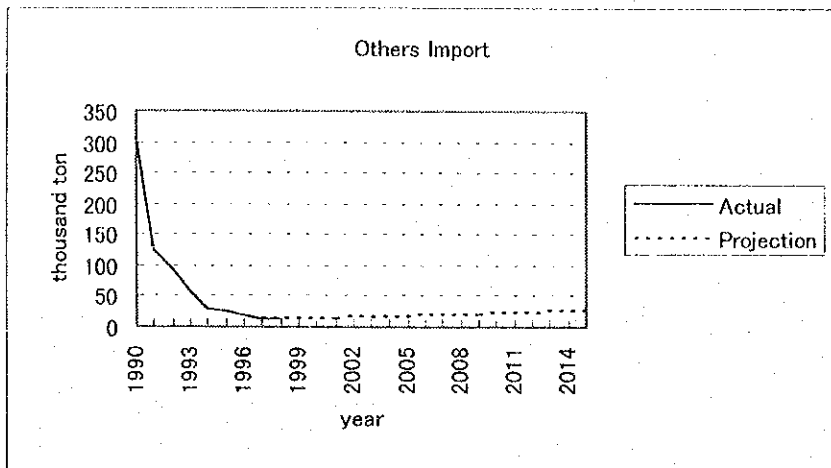


Fig. E-7.3.2 Micro Demand Forecast for Nepalese Cargo (2)

APPENDIX F

TRAFFIC DEMAND FORECAST

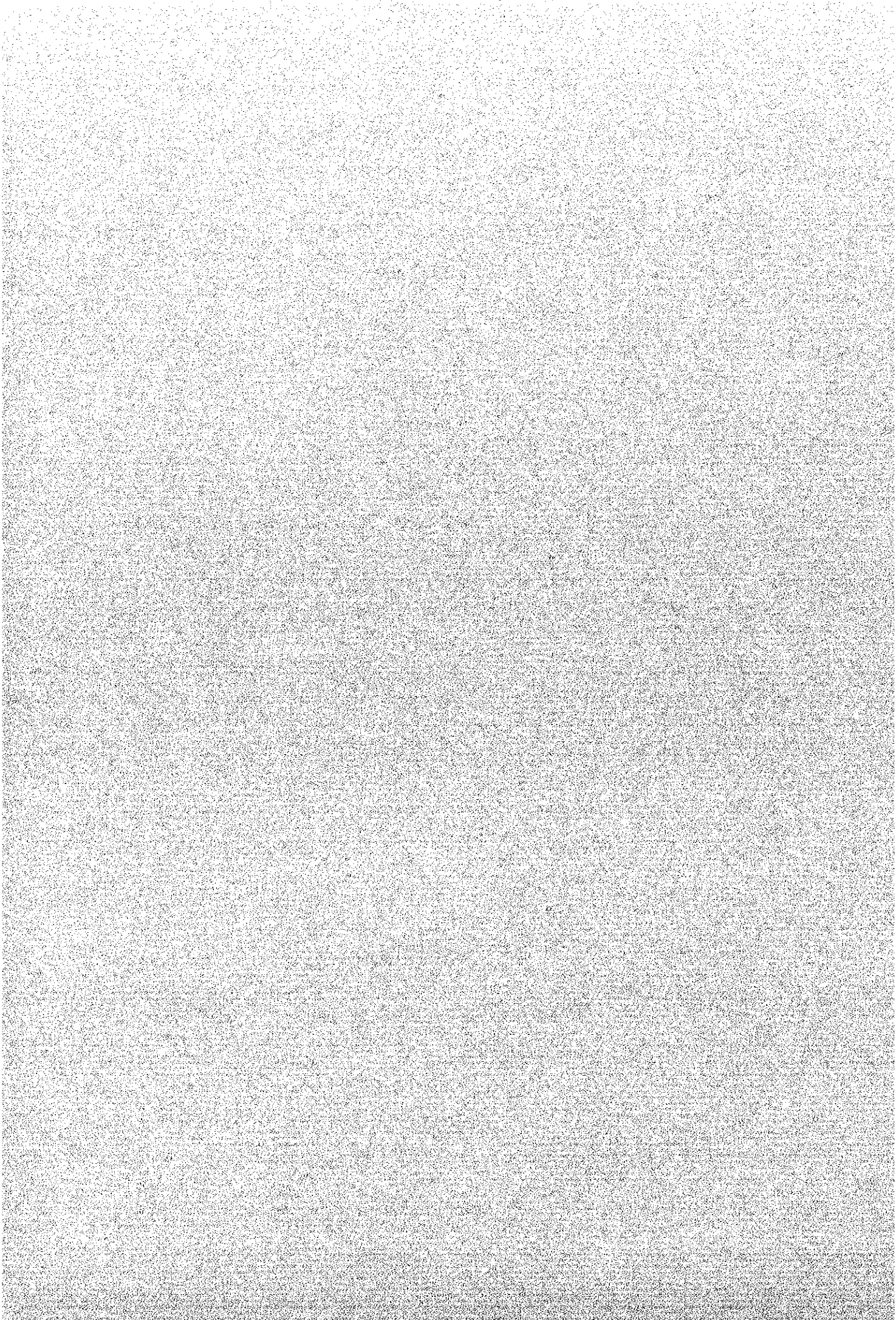


Table F-8.3.1 Reality Check

Location	Daily Average Traffic Volume(TC) during Roadside Interview Survey				Unit: Vehicle/Day		
	Motorsycle	AutoRickshaw	Car	Bus	Truck	Total	Total
Khulna-Jessore	433	1,775	594	901	1,265	4,969	4,969
Khulna-Shatkhira	812	551	360	642	480	2,844	2,844
Rampal-Mongla Port	108	33	169	435	249	994	994
Fakirhat-Bagerhat	146	199	159	434	291	1,228	1,228
Fakirhat-Mollahat	218	207	91	180	177	872	872
Rupsa Ferry	381	29	244	212	407	1,274	1,274

Location	Result of Assignment(RA)				Unit: Vehicle/Day		
	Motorsycle	AutoRickshaw	Car	Bus	Truck	Total	Total
Khulna-Jessore	428	1,557	592	908	1,367	4,852	4,852
Khulna-Shatkhira	769	553	426	650	565	2,963	2,963
Rampal-Mongla Port	140	31	170	429	246	1,016	1,016
Fakirhat-Bagerhat	178	195	159	431	294	1,257	1,257
Fakirhat-Mollahat	224	206	99	182	201	912	912
Rupsa Ferry	381	30	232	211	409	1,263	1,263

Location	Reality Check: RA/TC				Unit: Vehicle/Day		
	Motorsycle	AutoRickshaw	Car	Bus	Truck	Total	Total
Khulna-Jessore	0.99	0.88	1.00	1.01	1.08	0.98	0.98
Khulna-Shatkhira	0.95	1.00	1.18	1.01	1.18	1.04	1.04
Rampal-Mongla Port	1.30	0.95	1.01	0.99	0.99	1.02	1.02
Fakirhat-Bagerhat	1.22	0.98	1.00	0.99	1.01	1.02	1.02
Fakirhat-Mollahat	1.03	1.00	1.09	1.01	1.14	1.05	1.05
Rupsa Ferry	1.00	1.02	0.95	1.00	1.00	0.99	0.99

Table F-8.3.2 Vehicle OD Tables in 1998 (1)

Bus

	Khulna City	Rupsa, Fakirhat, Rampal	Jessore, Northwest Area, Dhaka etc.	Satkhira etc.	Mongla port	Bagerhat, Barisal Division etc.	Mollahat etc.
Khulna City	22	14	431	296	34	23	25
Rupsa, Fakirhat,	18	4	2	3	109	106	76
Jessore, Northwest Area, Dhaka etc.	428	0	6	5	6	1	0
Satkhira etc.	316	3	25	7	0	0	0
Mongla port	24	114	2	0	3	70	0
Bagerhat, Barisal Division etc.	35	116	8	2	70	2	0
Mollahat etc.	11	70	0	0	0	0	0

Truck

	Khulna City	Rupsa, Fakirhat, Rampal	Jessore, Northwest Area, Dhaka etc.	Satkhira etc.	Mongla port	Bagerhat, Barisal Division etc.	Mollahat etc.
Khulna City	18	32	542	223	84	49	2
Rupsa, Fakirhat,	27	0	0	2	30	27	45
Jessore, Northwest Area, Dhaka etc.	592	4	12	25	17	20	3
Satkhira etc.	178	3	112	3	0	0	6
Mongla port	35	30	23	5	0	16	0
Bagerhat, Barisal Division etc.	52	30	27	4	6	0	58
Mollahat etc.	5	68	2	7	0	5	0

All Vehicle Type

	Khulna City	Rupsa, Fakirhat, Rampal	Jessore, Northwest Area, Dhaka etc.	Satkhira etc.	Mongla port	Bagerhat, Barisal Division etc.	Mollahat etc.
Khulna City	1990	129	2247	1360	242	130	38
Rupsa, Fakirhat,	133	481	19	8	164	233	306
Jessore, Northwest Area, Dhaka etc.	2160	11	27	63	44	37	4
Satkhira etc.	1306	9	182	13	1	1	10
Mongla port	130	182	34	5	3	108	14
Bagerhat, Barisal Division etc.	185	273	49	10	90	2	112
Mollahat etc.	24	363	2	8	2	29	0

Table F-8.3.3 Vehicle OD Tables in 1998 (2)

Motorcycle

	Khulna City	Rupsa, Fakirhat, Rampal	Jessore, Northwest Area, Dhaka etc.	Satkhira etc.	Mongla port	Bagerhat, Barisal Division etc.	Mollahat etc.
Khulna City	150	53	182	367	66	32	9
Rupsa, Fakirhat,	65	0	9	0	1	1	56
Jessore, Northwest Area, Dhaka etc.	193	6	0	0	17	9	0
Satkhira etc.	396	3	0	0	0	0	3
Mongla port	33	2	6	0	0	1	14
Bagerhat, Barisal Division etc.	61	1	6	0	0	0	43
Mollahat etc.	3	72	0	0	0	24	0

Auto Rickshaw

	Khulna City	Rupsa, Fakirhat, Rampal	Jessore, Northwest Area, Dhaka etc.	Satkhira etc.	Mongla port	Bagerhat, Barisal Division etc.	Mollahat etc.
Khulna City	1738	10	823	268	3	2	0
Rupsa, Fakirhat,	11	477	0	2	2	86	96
Jessore, Northwest Area, Dhaka etc.	720	0	0	13	0	0	0
Satkhira etc.	270	0	0	0	0	0	0
Mongla port	1	13	1	0	0	4	0
Bagerhat, Barisal Division etc.	0	96	0	0	7	0	0
Mollahat etc.	0	110	0	0	0	0	0

Car

	Khulna City	Rupsa, Fakirhat, Rampal	Jessore, Northwest Area, Dhaka etc.	Satkhira etc.	Mongla port	Bagerhat, Barisal Division etc.	Mollahat etc.
Khulna City	62	20	269	206	55	24	2
Rupsa, Fakirhat,	12	0	8	1	22	13	33
Jessore, Northwest Area, Dhaka etc.	227	1	9	20	4	7	1
Satkhira etc.	146	0	45	3	1	1	1
Mongla port	37	23	2	0	0	17	0
Bagerhat, Barisal Division etc.	37	30	8	4	7	0	11
Mollahat etc.	5	43	0	1	2	0	0

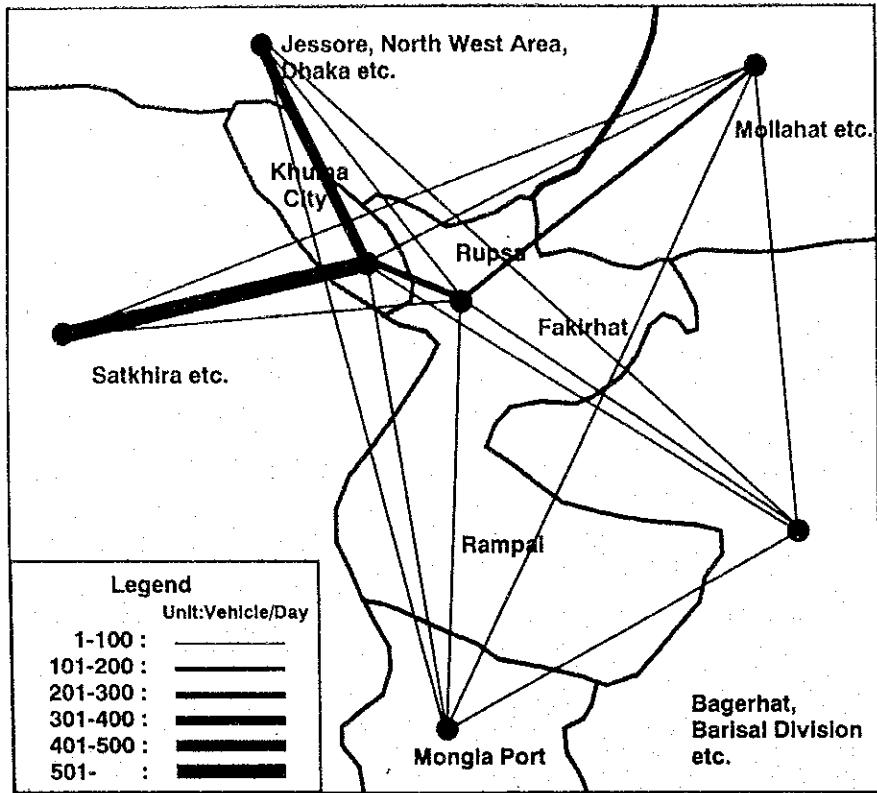


Fig F-8.3.1 Desire Line of Motorcycles in 1998

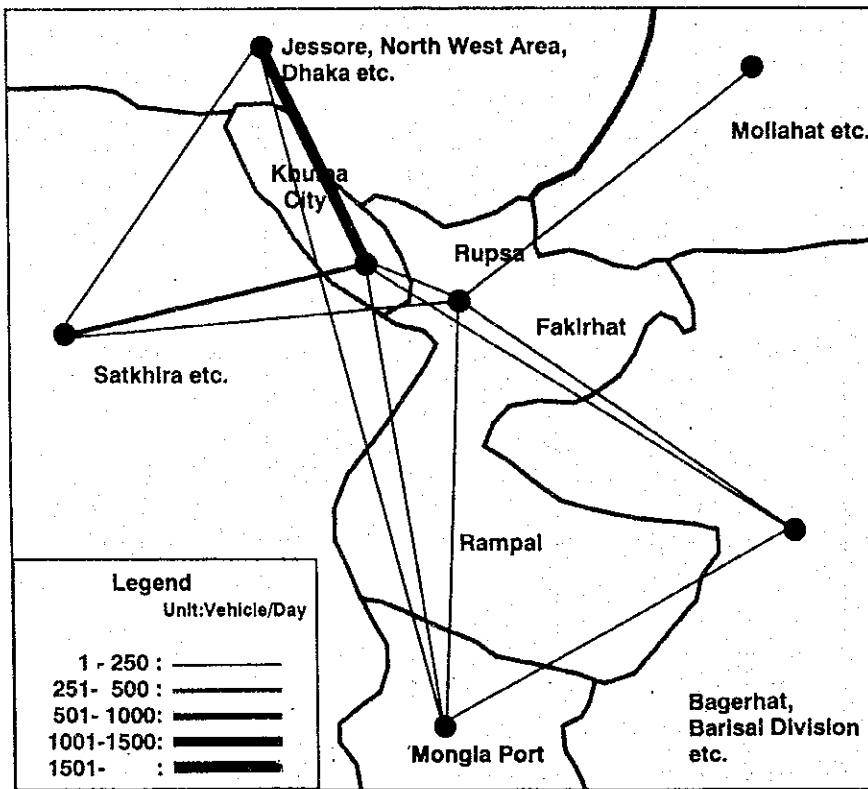


Fig F-8.3.2 Desire Line of Auto Rickshaws in 1998

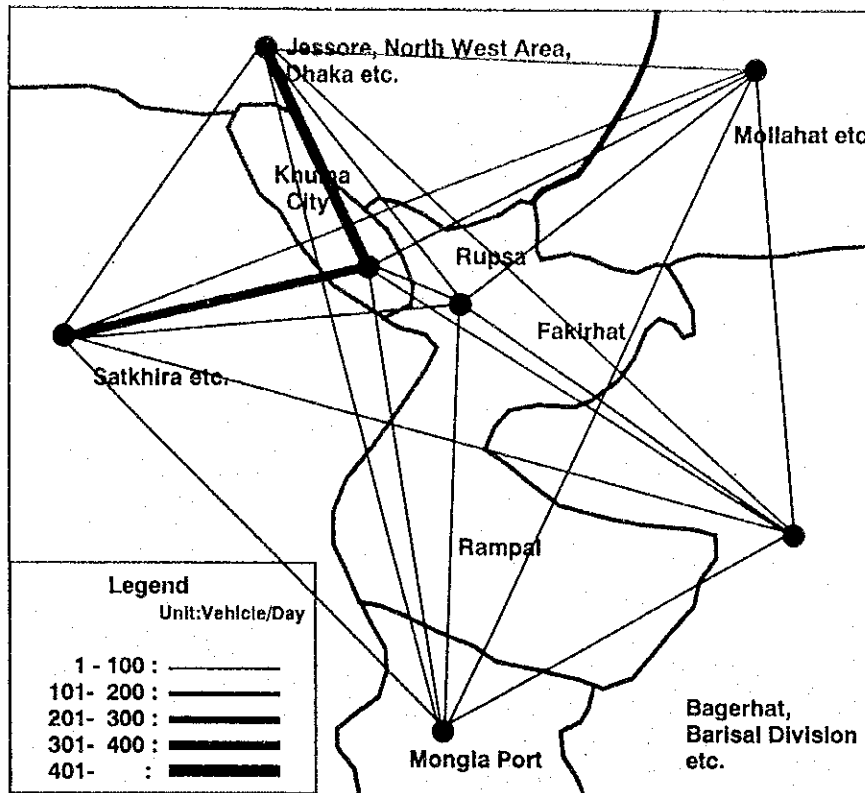


Fig F-8.3.3 Desire Line of Cars in 1998

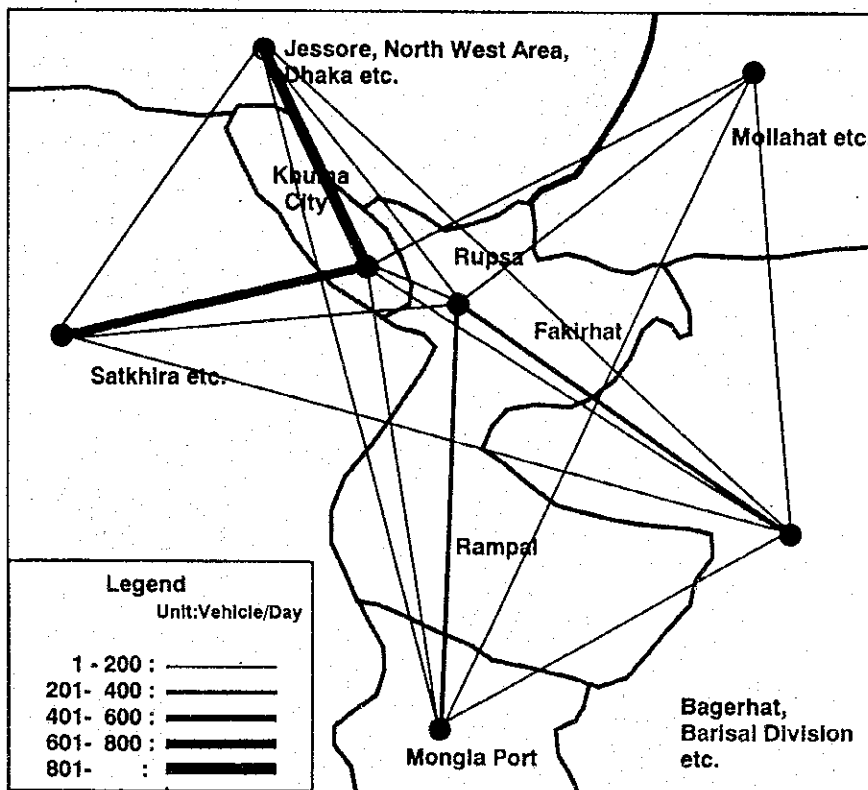


Fig F-8.3.4 Desire Line of Buses in 1998

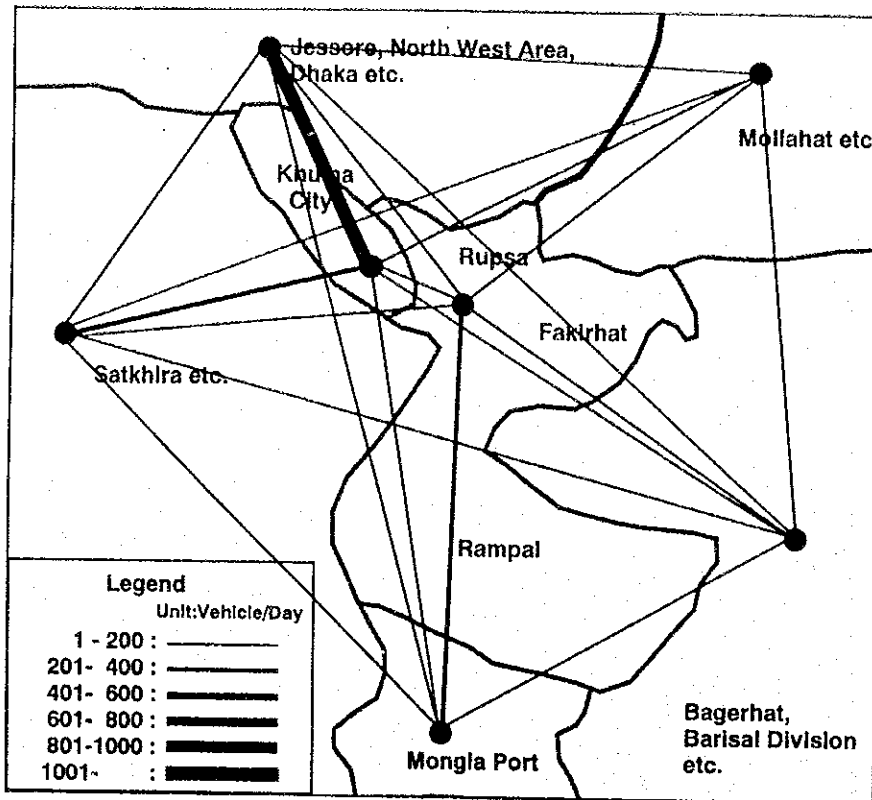


Fig F-8.3.5 Desire Line of Trucks in 1998

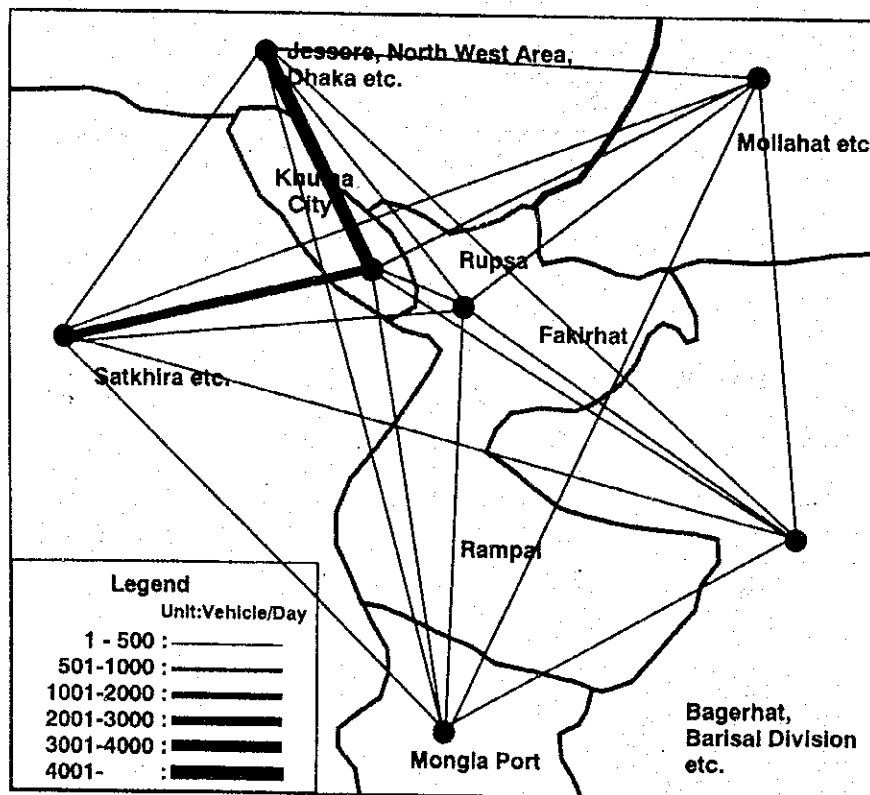


Fig F-8.3.6 Desire Line of All Vehicles in 1998

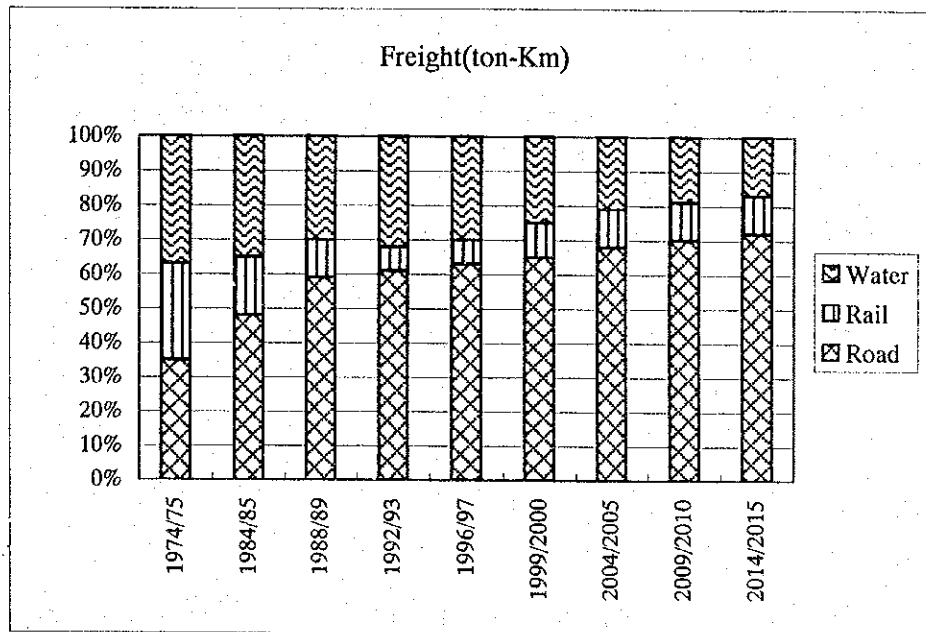
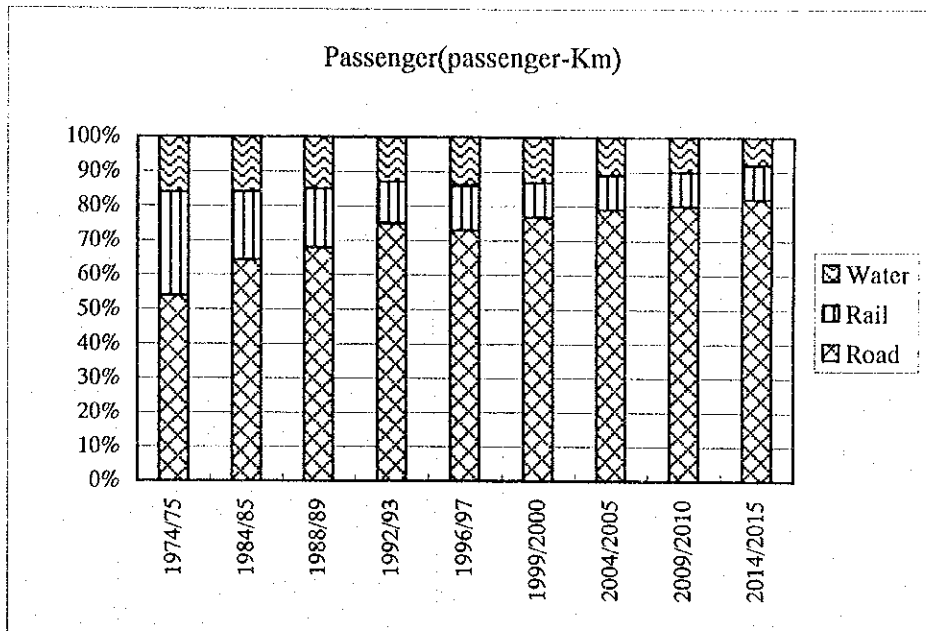


Fig F-8.4.1 Projected Modal Shares for Passenger and Freight Transport

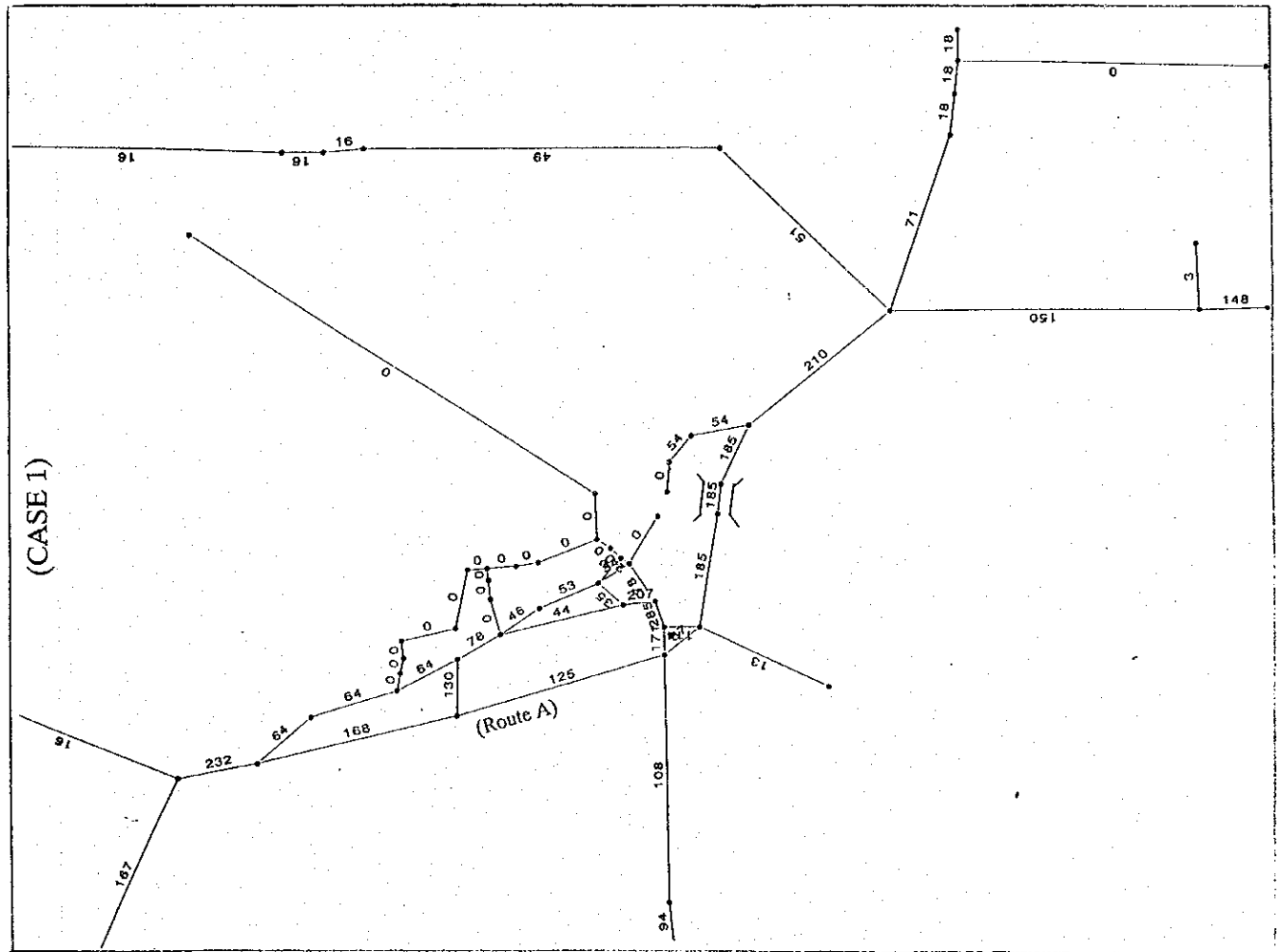
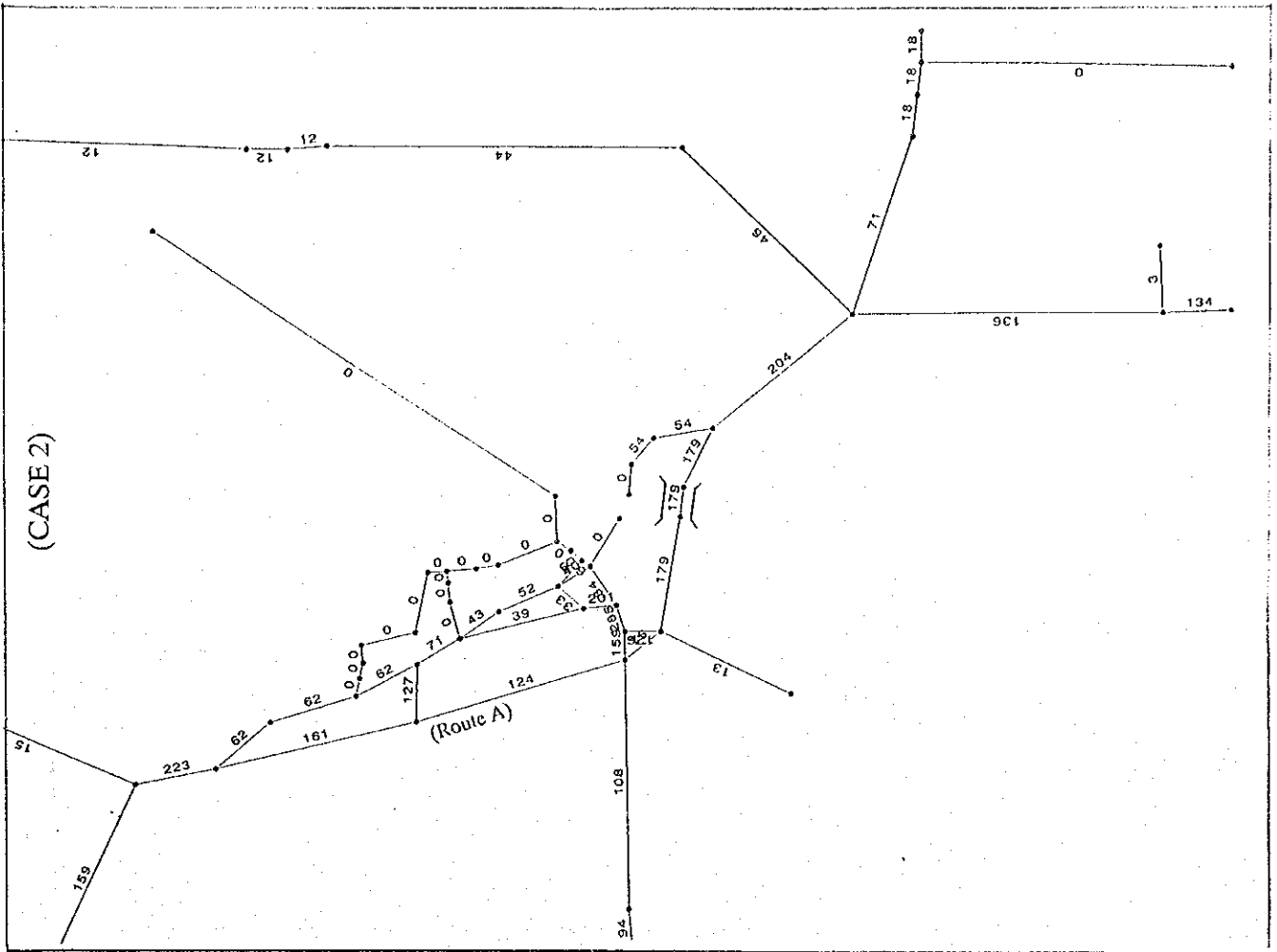


Fig F-8.5.1(1) Traffic Assignment Volumes

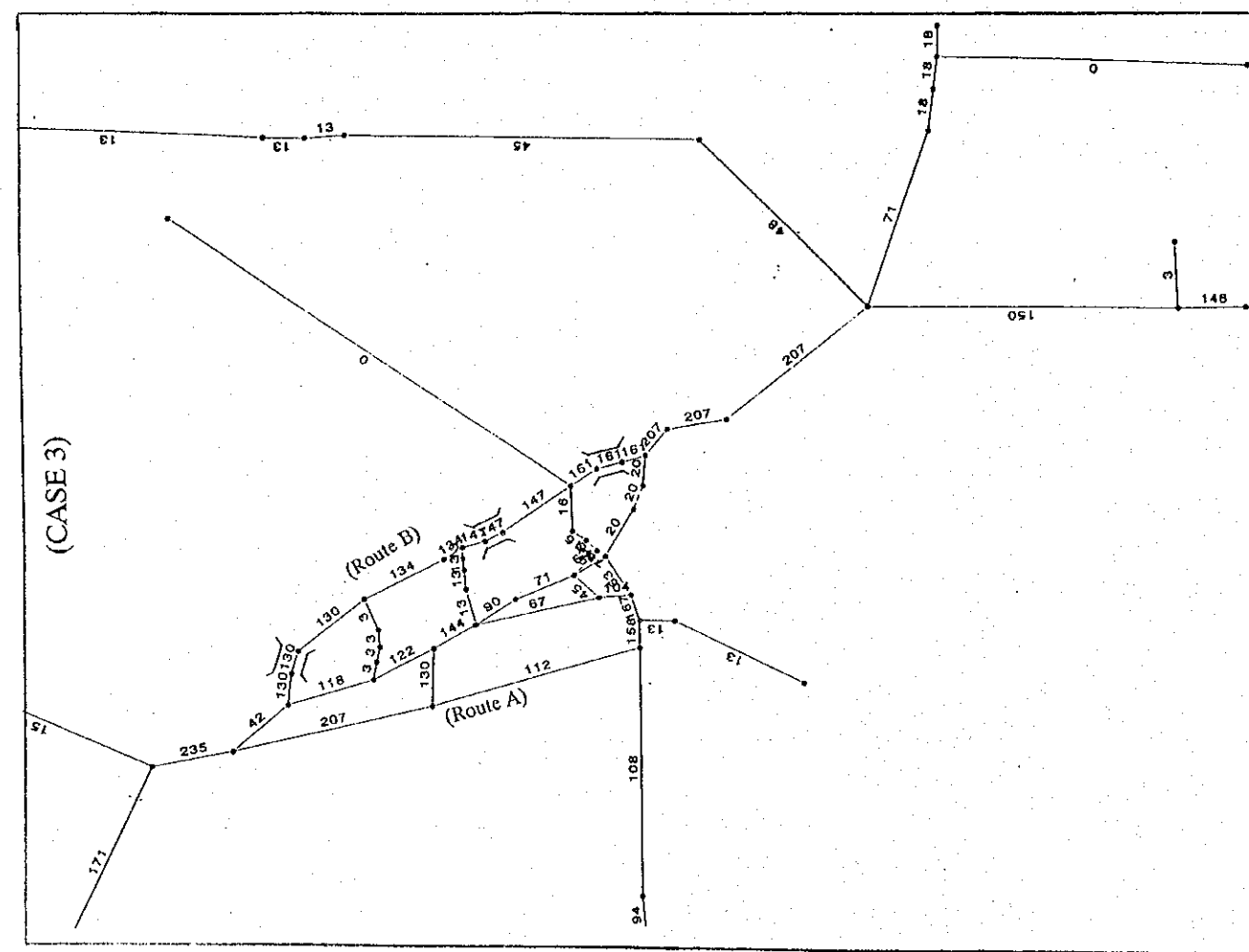
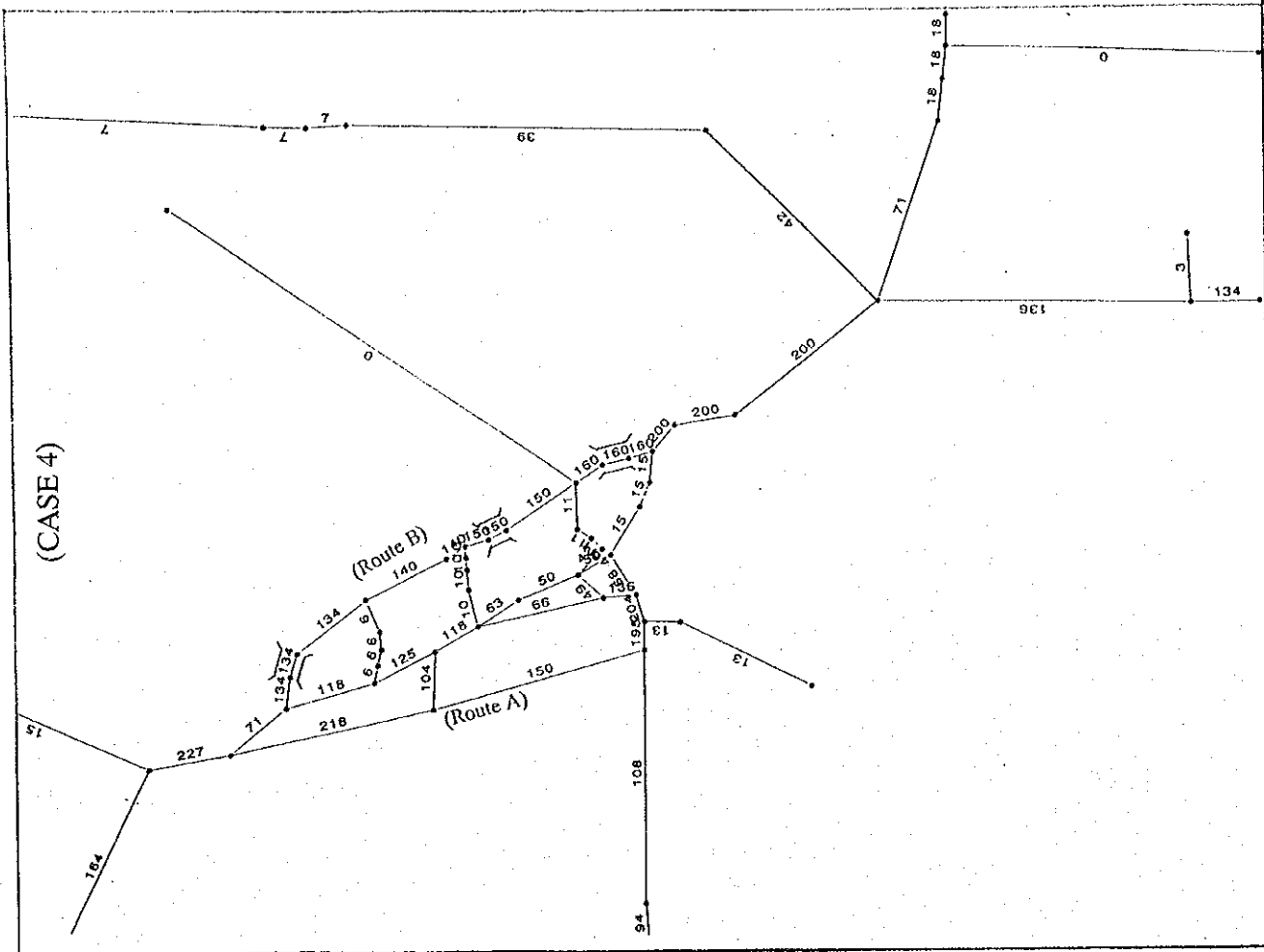
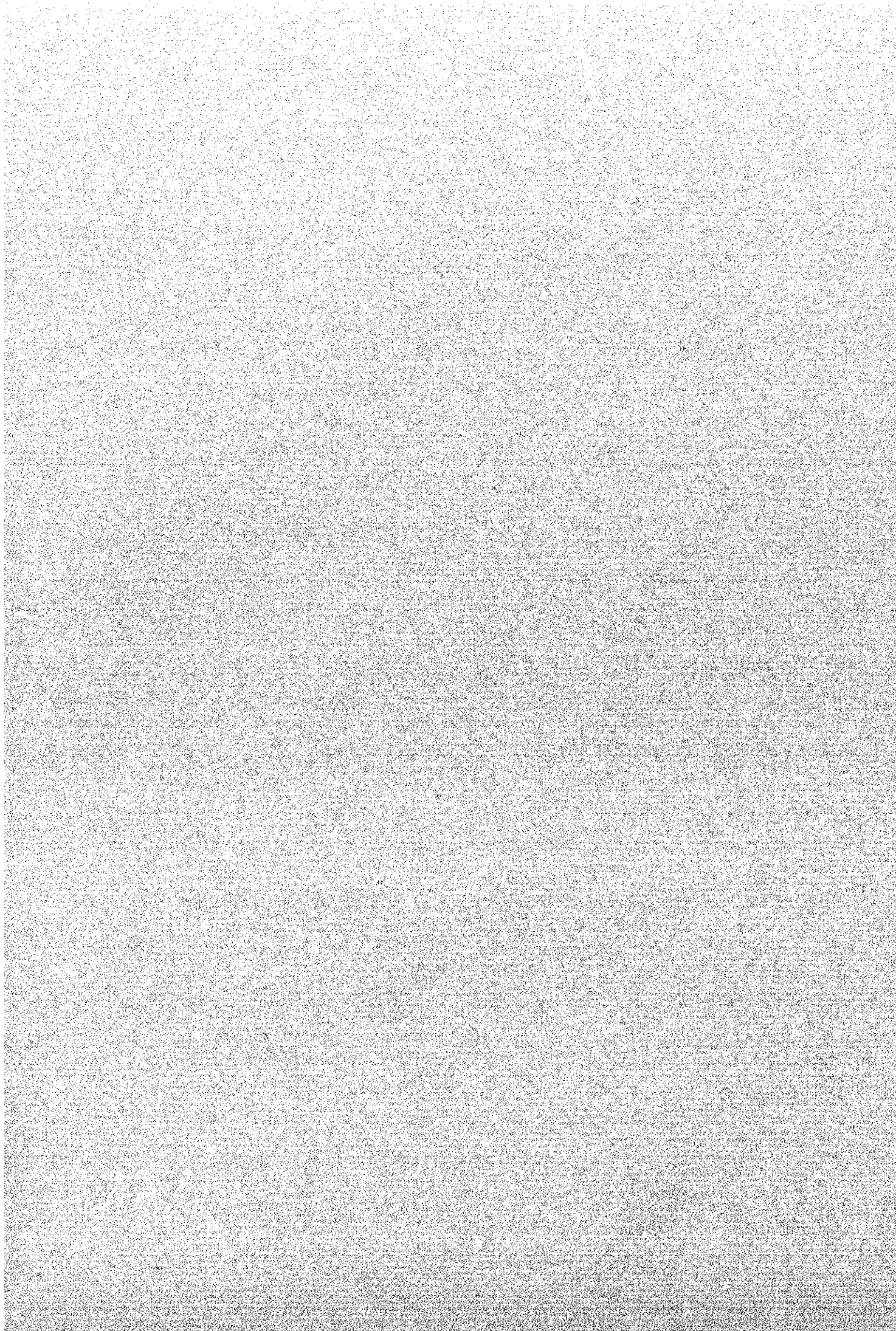


Fig F-8.5.1(2) Traffic Assignment Volumes

APPENDIX G

NATURAL CONDITIONS



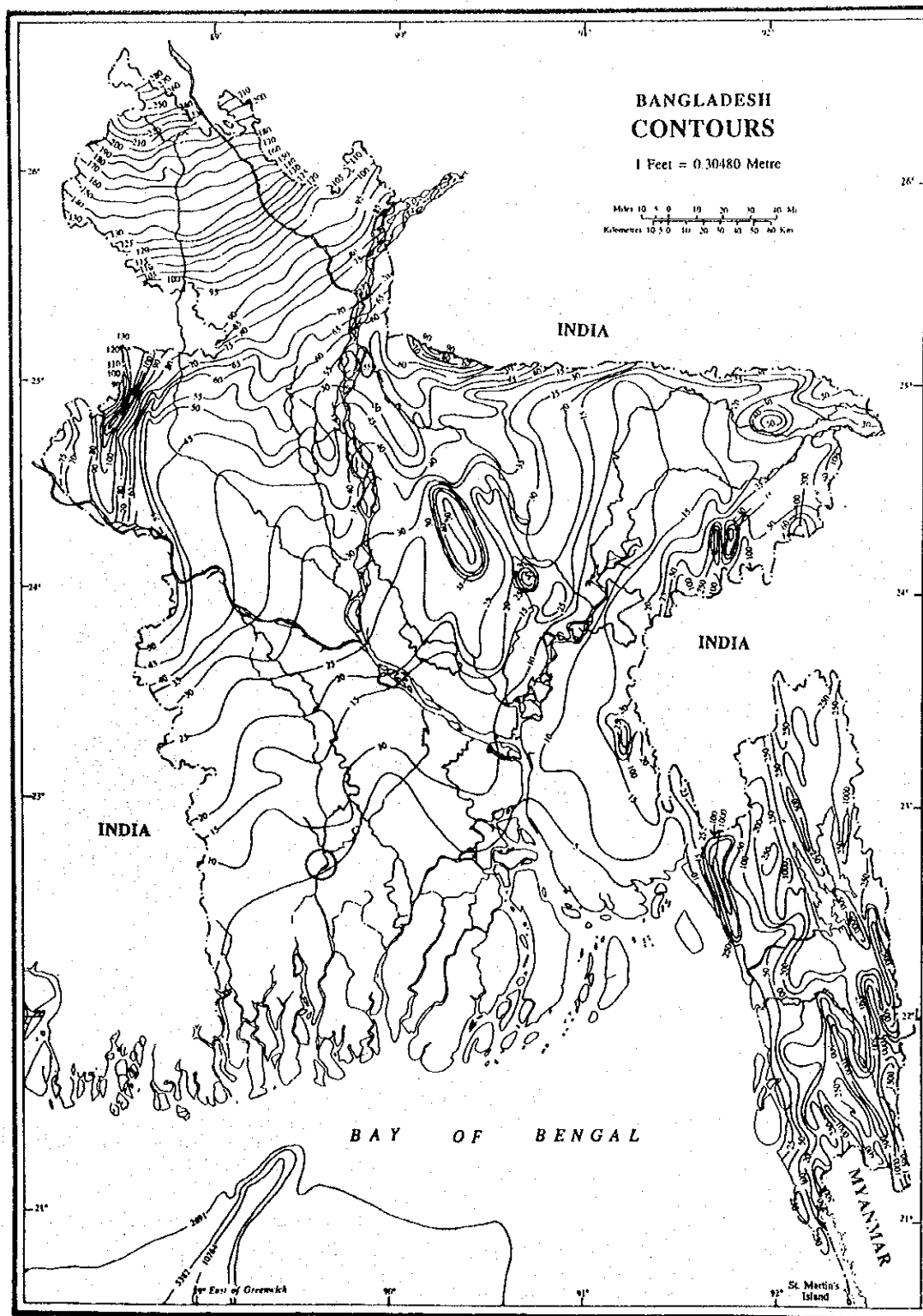
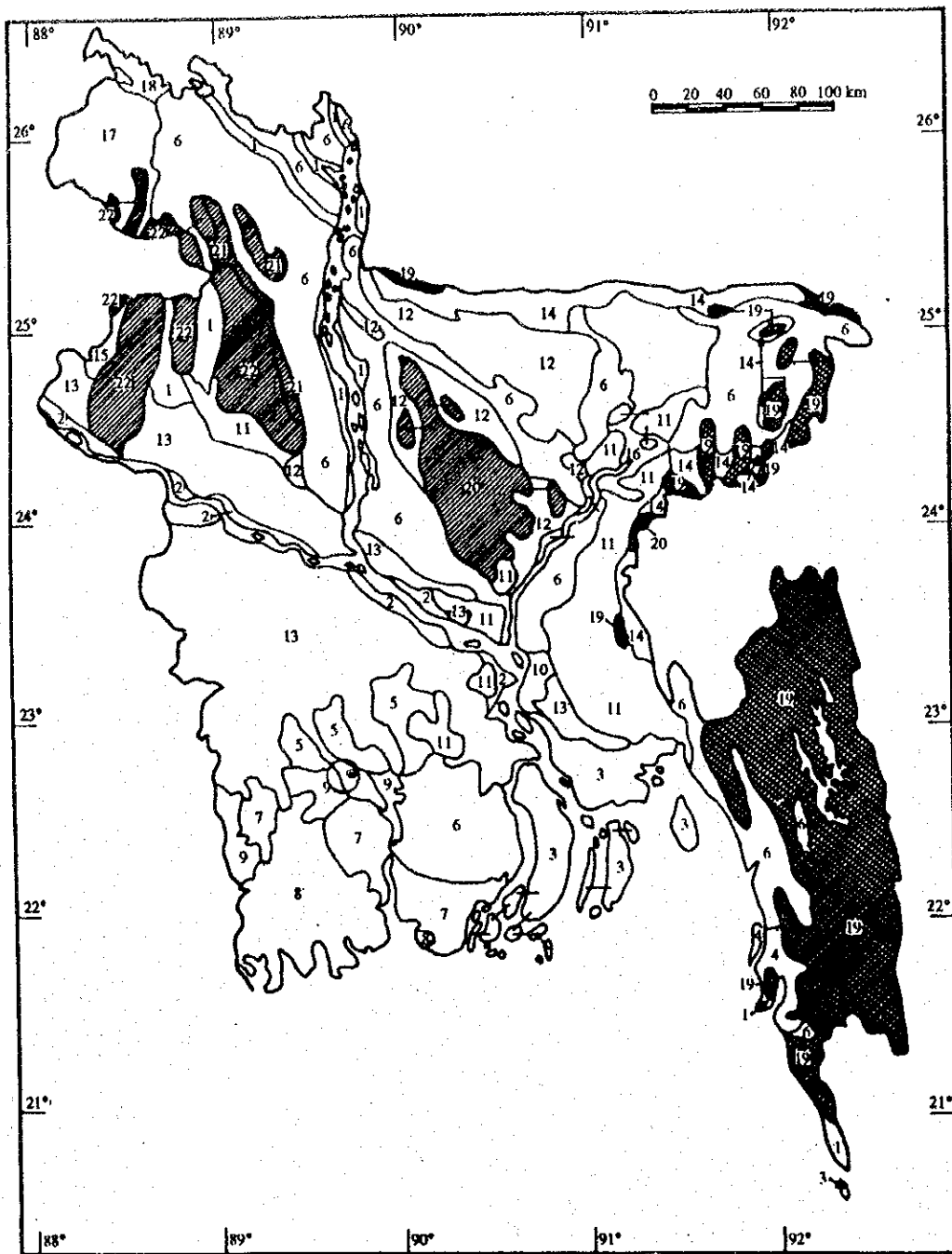


Fig. G-9.2.1 Bangladesh Contours
 (Graphosman World Atlas, 1996)



Legend for Figure

A. Floodplain Areas

1. Noncalcareous Alluvium
2. Calcareous Alluvium (nonsaline)
3. Calcareous Alluvium (saline)
4. Acid Sulphate Soils
5. Peat Soils
6. Noncalcareous Grey Floodplain Soils (nonsaline)
7. Noncalcareous Floodplain Soils (saline)
8. Noncalcareous Grey Floodplain Soils and Acid Sulphate Soils
9. Noncalcareous and Calcareous Grey Floodplain Soils
10. Calcareous Grey and Noncalcareous Dark Grey Floodplain Soils
11. Noncalcareous Dark Grey Floodplain Soils

12. Noncalcareous Dark Grey and Grey Floodplain Soils
 13. Calcareous Dark Grey and Brown Floodplain Soils
 14. Grey Piedmont Soils and Noncalcareous Grey Floodplain Soils
 15. Acid Basin Clays
 16. Acid Basin Clays and Noncalcareous Grey Floodplain Soils
 17. Noncalcareous Brown Floodplain Soils
 18. Black Terai Soils
- B. Hill Areas**
19. Brown Hill Soils
- C. Terrace Areas**
20. Deep Red-Brown Terrace Soils
 21. Deep Red-Brown and Grey Terrace Soils
 22. Deep and Shallow Grey Terrace Soils

Fig. G-9.2.2 Generalized Soil Map

(Hugh Brammer: The Geography of the Soils of Bangladesh, University Press, 1996)

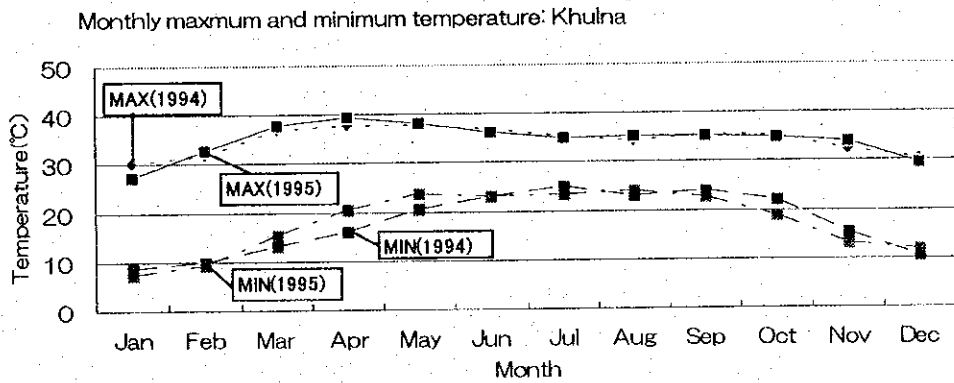
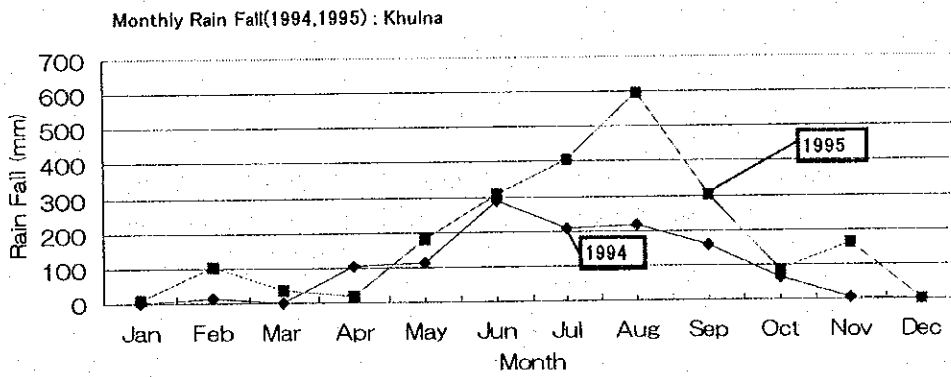
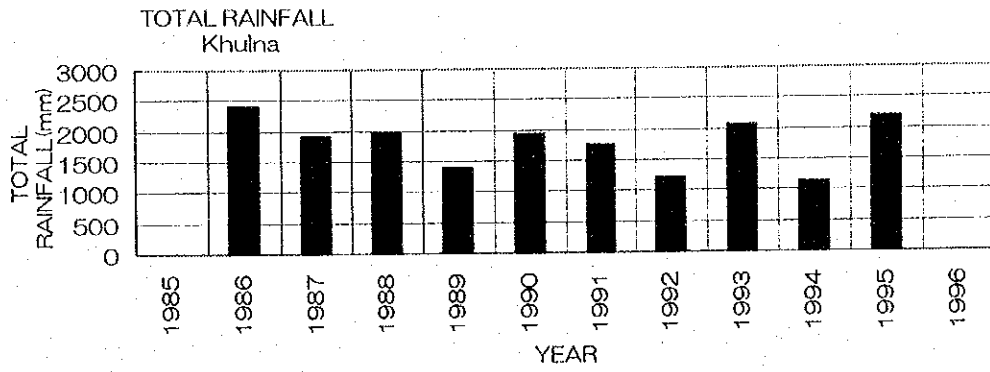


Fig. G-9.2.3 The Climatic Changes in Khulna City

Table G-9.2.1 Climatic Data

Name of station: Khulna

Year	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Total Rainfall (mm)	N.A.	2415	1922	1955	1402	1938	1760	1218	2079	1130	2205	N.A.
Max. Temperature (°C)	N.A.	38.7	38.9	38.6	37.4	37.0	37.0	38.7	36.5	37.8	39.4	N.A.
Min. Temperature (°C)	N.A.	8.0	8.3	7.5	7.4	7.7	8.4	8.0	7.0	8.6	7.3	N.A.
	1994/1995											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Monthly Rain fall (1994) (mm)	1	15	0	105	115	289	210	217	160	63	5	0
(1995)	8	104	34	18	181	308	407	594	303	86	162	0
Max. Temp. (1994) (°C)	30.2	31.6	36.7	37.8	37.7	37.0	35.1	34.3	35.5	35.4	32.4	30.4
(1995)	27.2	32.6	37.7	39.4	38.2	36.2	35.0	35.4	35.1	35.0	34.0	29.6
Min. Temp. (1994) (°C)	8.6	9.8	13.3	16.0	20.4	23.2	25.0	23.0	24.0	22.0	15.4	10.6
(1995)	7.3	9.2	15.3	20.6	23.6	23.2	23.4	24.0	22.6	19.0	13.2	11.9

Source: Bangladesh Meteorological Department

N.A. : Not Available

Table G-9.2.2 Weather Data Source

Government of The People's Republic of Bangladesh
 Bangladesh Meteorological Department (Climate Division).
 Meteorological Complex Agargaon, Dhaka—1207.
 Tel: 9111942

Table G-9.2.3 The Major Cyclone Attacked Bangladesh

Date	Maximum (km/hr)	Stom Surge-height (m)
10/30/60	211	4.6 ~6.1
05/30/61	146	6.1 ~8.8
05/28/63	203	4.2 ~5.2
05/31/65		6.1 ~7.6
12/14/65	211	4.6 ~6.1
10/01/66	146	4.6 ~9.1
0.5/07/70		3.0 ~4.9
11/12/70	227	6.1 ~9.1
05/25/85	154	3.0 ~4.9
11/29/88	150	3.0 ~4.0
04/29/91	225	6.0 ~7.5

Source: Choudhury 1987, 1991 and Bangladesh Meteorological Department 1988.

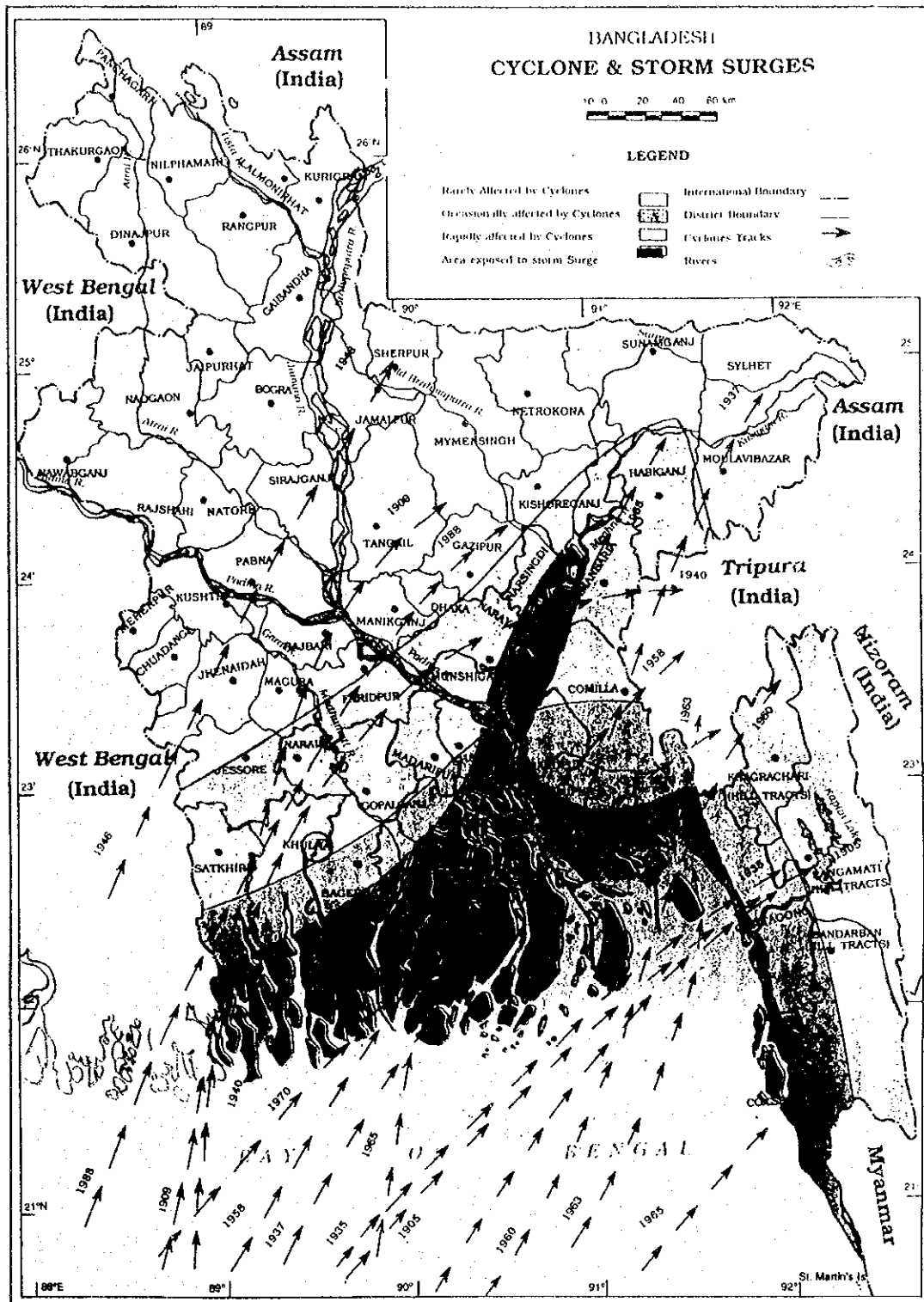


Fig. G-9.2.4 The Courses of Cyclone Striking Bangladesh
(Jahan Atlas, 1997)

SEISMIC ZONES OF BANGLADESH

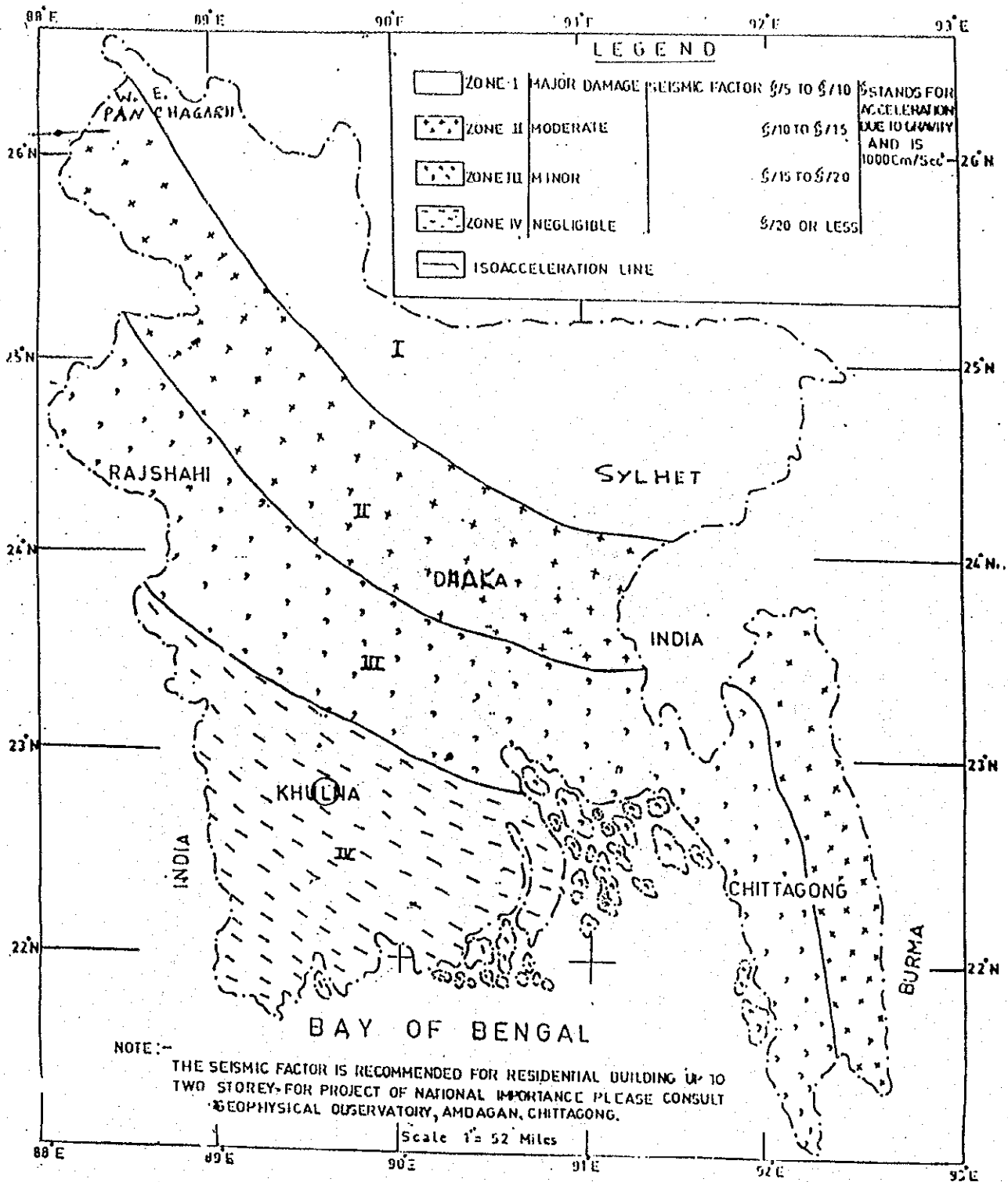

















Fig. G-9.2.5 Seismic Zones of Bangladesh
(Meteorological Department)

DEPTH IN METER		STRATA ENCOUNTERED	LOG	S.P.T. RESULTS					DEPTH IN METER	SOIL SAMPLE TYPE				
				NO OF BLOWS/0.3M										
							10	20	30	40	50			
00.0			x											
1.50			-							3				1.50 D1 
3.00			x	x						2				3.00 D2 
4.50		qu = 15 kpa, Es = 2.5 x10 ⁻² Mpa LL = 46, PL = 38, PI = 8 1-80-19	x							2				4.50 U1  4.50 D3 
6.00		LL = 32.9, PL = 24.5, PI = 8.4 6-84-10 Brownish grey clayee SILT	x							2				6.00 U2  6.00 D4 
7.50			x	x						1				7.50 D5 
9.00			x							6				9.00 D6 
10.5			x	x						9				10.50 D7 
12.0			x	x						15				12.00 D8 
13.5		Grey sandy SILT 32-60-8	x	x						16				13.50 D9 
15.0			x	x						17				15.00 D10 
16.5			x	x						20				16.50 D11 
18.0			x	x						27				18.00 D12 
19.5			x	x						19				19.50 D13 

NOTE: UNDIST. SAMPLE  DIST.- SAMPLE 

Fig. G-9.3.1 Drilling Log Map at Rupsa Bridge Site (1)














Client : Mongla Port Authority Project: Mongla Port Development Study Location: Bridge on Rupsha River Labanchara, Khulna Bore chart of Boring No: BH 1 (contd)		SOIL CONSULTANTS & DRILLERS									
METHOD OF BORING : WASH BORING DIAMETER OF BORING : 100 mm RL OF BORE HOLE : 3.620 m		DATE STARTED : 19.05.95 DATE COMPLETED : 24.05.95 GR. W. TABLE 4.0m ON 25.05.95									
DEPTH IN METER	STRATA ENCOUNTERED	LOG	S.P.T. RESULTS					DEPTH IN METER	SOIL SAMPLE TYPE		
			NO OF BLOWS/0.3M								
			10	20	30	40	50				
19.5	Grey silty SAND with clay	x . x .			19				19.50	D13	///
21.0		x .			14				21.00	D14	///
22.5	Grey silty Fine to Medium SAND	x . x .			22				22.50	D15	///
24.0	70-26-4	x . x .			25				24.00	D16	///
25.5	Grey silty SAND with mica	x . x .			25				25.50	D17	///
27.0		x . x .			12				27.00	D18	///
28.5		x .						42	28.50	D19	///
30.0	Grey silty FINE SAND	x . x .						43	30.00	D20	///
31.5		x . x .						45	31.50	D21	///
33.0	Grey silty CLAY	x .						55	33.00	D22	///
34.5		x . x .			15				34.50	D23	///
36.0	61-37-2	x . x .						53	36.00	D24	///
37.5	Grey silty FINE SAND	x . x .						54	37.50	D25	///
39.0		x . x .						65	39.00	D26	///

NOTE: UNDIST. SAMPLE DIST. SAMPLE

Fig. G-9.3.1 Drilling Log Map at Rupsa Bridge Site (2)

Client : Mongla Port Authority Project: Mongla Port Development Study Location: Bridge on Rupsha River Labanchara, Khulna Bore chart of Boring No: BH 1 (contd)					SOIL CONSULTANTS & DRILLERS					
METHOD OF BORING : WASH BORING DIAMETER OF BORING : 100 mm RL OF BORE HOLE : 3.620 m					DATE STARTED : 19.05.95 DATE COMPLETED : 24.05.95 GR. W. TABLE 4.0m ON 25.05.95					
DEPTH IN METER	STRATA ENCOUNTERED	LOG	S.P.T. RESULTS					DEPTH IN METER	SOIL SAMPLE TYPE	
			NO OF BLOWS/0.3M							
			10	20	30	40	50			
39.0	Grey silty Fine to Medium SAND 82-16-2	x x					65	39.00	D26	///
40.5		x x					60	40.50	D27	///
42.0		x x			22				42.00	D28
43.5	Grey silty CLAY	x -								
45.0		x x			19				43.50	D29
46.5	Grey silty Fine to Medium Course SAND	x x					53	45.00	D30	///
48.0		x x					53	46.50	D31	///
49.5		x x					78	48.00	D32	///
51.0										
52.5										
54.0										
NOTE: UNDIST. SAMPLE ■ DIST.- SAMPLE ///										

Fig. G-9.3.1 Drilling Log Map at Rupsa Bridge Site (3)

Client : Mongla Port Authority Project: Mongla Port Development Study Location: Bridge on Rupsha River Boring in river Bore chart of Boring No: BH 2				SOIL CONSULTANTS & DRILLERS					
METHOD OF BORING : WASH BORING DIAMETER OF BORING : 100 mm RL OF BORE HOLE : -8.00 m				DATE STARTED : 26.05.95 DATE COMPLETED : 31.05.95 R. W. TABLE 11.0 m ON 31.05.95					
DEPTH IN METER	STRATA ENCOUNTERED	LOG	S.P.T. RESULTS					DEPTH IN METER	SOIL SAMPLE TYPE
			NO OF BLOWS/0.3M						
			10	20	30	40	50		
00.0		x							
1.50		x x		8				1.50 D1 	
3.00		x x		14				3.00 D2 	
4.50	95.7-4.3-0 Grey silty FINE SAND	x x		16				4.50 D3 	
6.00		x x		22				6.00 D4 	
7.50		x x		21				7.50 D5 	
9.00		x x		22				9.00 D6 	
10.5	96.5-3.5-0	x x		22				10.50 D7 	
12.0		x x		12				12.00 D8 	
13.5	Grey SILTY CLAY	x x		10				13.50 D9 	
15.0		x x		13				15.00 D10 	
16.5	Grey SILTY CLAY with sand	x x		14				16.50 D11 	
18.0	Grey organic CLAY with peat	x x		13				18.00 D12 	
19.5		x x		12				19.50 D13 	

NOTE: UNDIST. SAMPLE  DIST.- SAMPLE 

Fig. G-9.3.1 Drilling Log Map at Rupsa Bridge Site (4)

Client : Mongla Port Authority Project: Mongla Port Development Study Location: Bridge on Rupsha River Jabusha, Khulna Bore chart of Boring No: BH 3		SOIL CONSULTANTS & DRILLERS							
METHOD OF BORING : WASH BORING DIAMETER OF BORING : 100 mm RL OF BORE HOLE : 3.945 m		DATE STARTED : 03.06.95 DATE COMPLETED : 06.06.95 GR. W. TABLE 3.2m ON 06.06.95							
DEPTH IN METER	STRATA ENCOUNTERED	LOG	S.P.T.RESULTS					DEPTH IN METER	SOIL SAMPLE TYPE
			NO OF BLOWS/0.3M						
			10	20	30	40	50		
00.0		x							
1.50		x x			1			1.50	D1
3.00		x x			1			3.00	D2
4.50	Grey CLAYEE SILT	x x			2			4.50	D3
6.00	1-74-25	x x			2			6.00	D4
7.50		x x			5			7.50	U1 D5
9.00		x			6			9.00	D6
10.5		x x			19			10.50	D7
12.0		x x			20			12.00	D8
13.5		x x			26			13.50	D9
15.0		x x			34			15.00	D10
16.5		x x			25			16.50	D11
18.0	Grey silty FINE SAND 56-40-4	x x			25			18.00	D12
19.5		x x			27			19.50	D13

NOTE: UNDIST. SAMPLE  DIST.- SAMPLE 

Fig. G-9.3.1 Drilling Log Map at Rupsa Bridge Site (6)

Client : Mongla Port Authority Project: Mongla Port Development Study Location: Bridge on Rupsha River Jabusha, Khulna Bore chart of Boring No: BH 3 (contd)			SOIL CONSULTANTS & DRILLERS						
METHOD OF BORING : WASH BORING DIAMETER OF BORING : 100 mm RL OF BORE HOLE : 3.945 m			DATE STARTED : 03.06.95 DATE COMPLETED : 06.06.95 GR. W. TABLE 3.2m ON 06.06.95						
DEPTH IN METER	STRATA ENCOUNTERED	LOG	S.P.T. RESULTS					DEPTH IN METER	SOIL SAMPLE TYPE
			NO OF BLOWS/0.3M						
			10	20	30	40	50		
19.5	Grey sandy SILT 39-55-6	x				27		19.50	D13
21.0		x x				29		21.00	D14
22.5		x x				31		22.50	D15
24.0		x				30		24.00	D16
25.5		x x				32		25.50	D17
27.0		x x				36		27.00	D18
28.5			x x				40	28.50	D19
30.0			x x				44	30.00	D20
31.5			x x				45	31.50	D21
33.0		Grey silty CLAY	x x			13		33.00	D22
34.5	x				12		34.50	D23	
36.0	x x				14		36.00	D24	
37.5	x				12		37.50	D25	
39.0	0.5-72-27.5 Grey clayee SILT		x			27		39.00	D26

NOTE: UNDIST. SAMPLE  DIST. SAMPLE 

Fig. G-9.3.1 Drilling Log Map at Rupsa Bridge Site (7)

Client : Mongla Port Authority Project: Mongla Port Development Study Location: Bridge on Rupsha River Jabusha, Khulna Bore chart of Boring No: BH 3 (contd)				SOIL CONSULTANTS & DRILLERS					
METHOD OF BORING : WASH BORING DIAMETER OF BORING : 100 mm RL OF BORE HOLE : 3.945 m				DATE STARTED : 03.06.95 DATE COMPLETED : 06.06.95 GR. W. TABLE 3.2m ON 06.06.95					
DEPTH IN METER	STRATA ENCOUNTERED	LOG	S.P.T. RESULTS					DEPTH IN METER	SOIL SAMPLE TYPE
			NO OF BLOWS/0.3M						
			10	20	30	40	50		
39.0	Grey silty FINE SAND	x					27	39.00	D26
40.5		x x					31	40.50	D27
42.0		x x					44	42.00	D28
43.5		x x					55	43.50	D29
45.0		x x					58	45.00	D30
46.5		x x					59	46.50	D31
48.0		x x					60	48.00	D32
49.5		x x					64	49.50	D33
51.0		40-57-3	x x				64	51.00	D34
52.5			x x				70	52.50	D35
54.0									
NOTE: UNDIST. SAMPLE ■ DIST.- SAMPLE ■									

Fig. G-9.3.1 Drilling Log Map at Rupsa Bridge Site (8)