Table 6.12 Personnel Requirements by Branch Office and Sector

Keiurahan Primary Colection	TOTAL (Secon	5. Branch 5 (Gowa)		6 0 22 5		4. Branch 4 (Biringkanaya)					A comment	3. Branch 3 (Panakkukang)				2. Branch 2 (Tamangapa)		:	(Bontosia)		1. Branch 1		OFFICE	
	Demant Cotombon	YOTAL (Secondary Collection, Ditch, Sweeping)	Sub-Total		(a) TOA (arter NOS)	Sub-Total	(b) Street Sweeping	(a) Collection/Offich Cleaning	Sub-Total	Facility (after 2015)	d) Future SWM Treatment	c) Street Sweeping	N Cottection Direct Cleaning	(a):Decon #2	Scb-Total	C) TPA (up to 2005)	b) Depot #1	a) Workshop	Sub-Total	c) Street Sweeping	b) Collection/Ditch Cleaning	a) SWM Headquarter	مخت.	Function
•	_	9		10000	2										Ü	0	N	1	6	2	4		Admin Driver Worker Super	
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Branch Office <1> Branch Office <0> Branch Office responsible for Collection and Transport by Kecamatan

Makassar, U. Pandang, Wejo, Bontoala, U. Tanah N.Tanalate, C.Tanalate, S.Tanalate, W.Panakkukang, E.Panakkukang, Mariso, Memajang

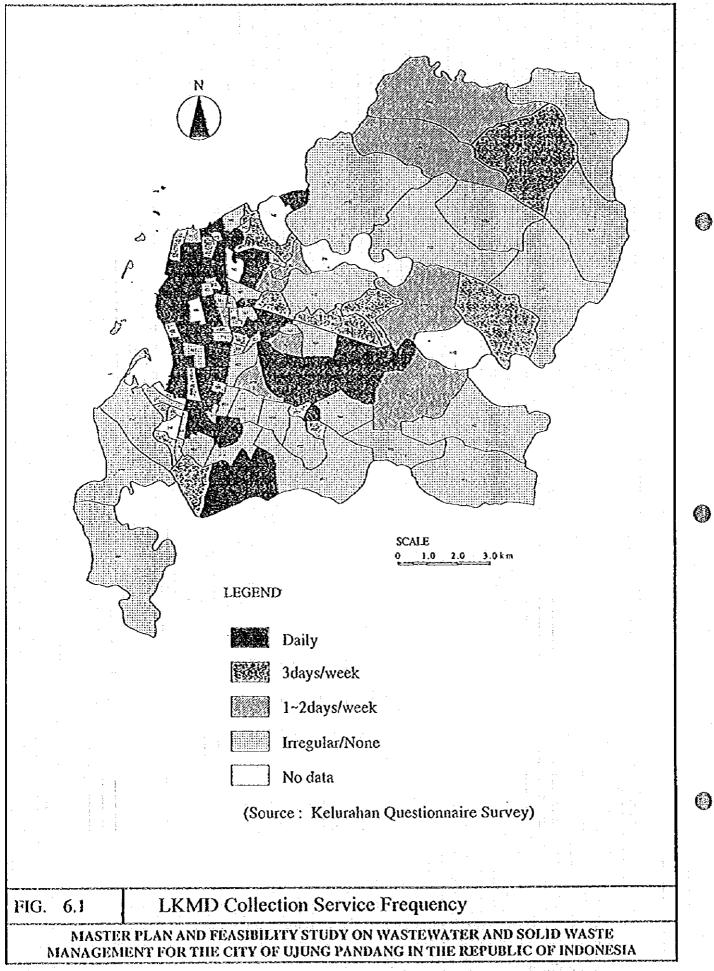
Branch Office 43 Tallo, N. Bringkanaya, S. Bringkanaya

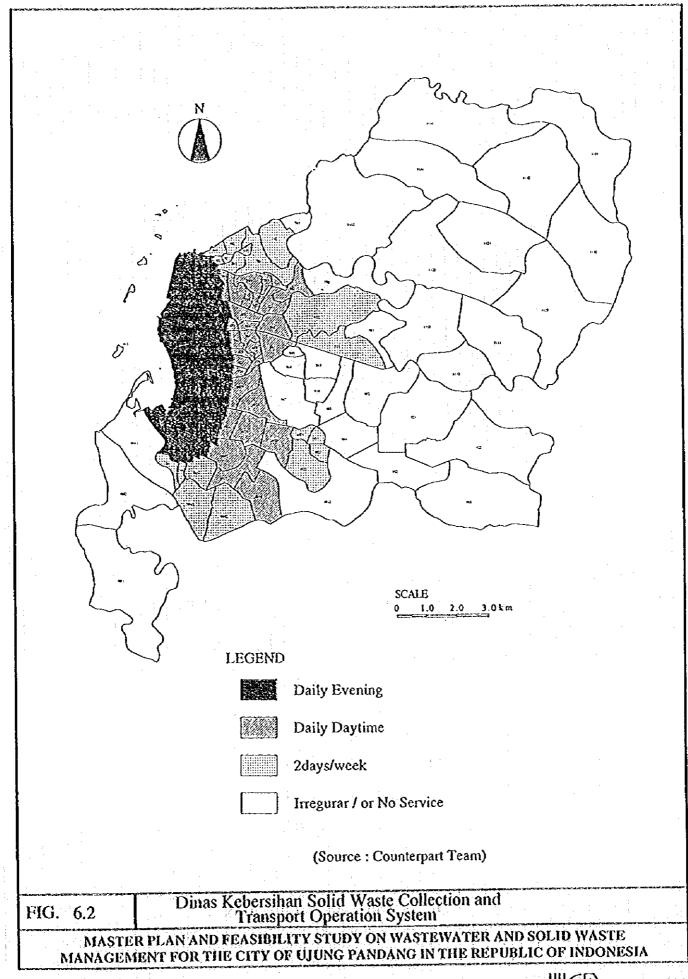
Depot #2 Depot #1

Depot vehicle parking by Kecamatan

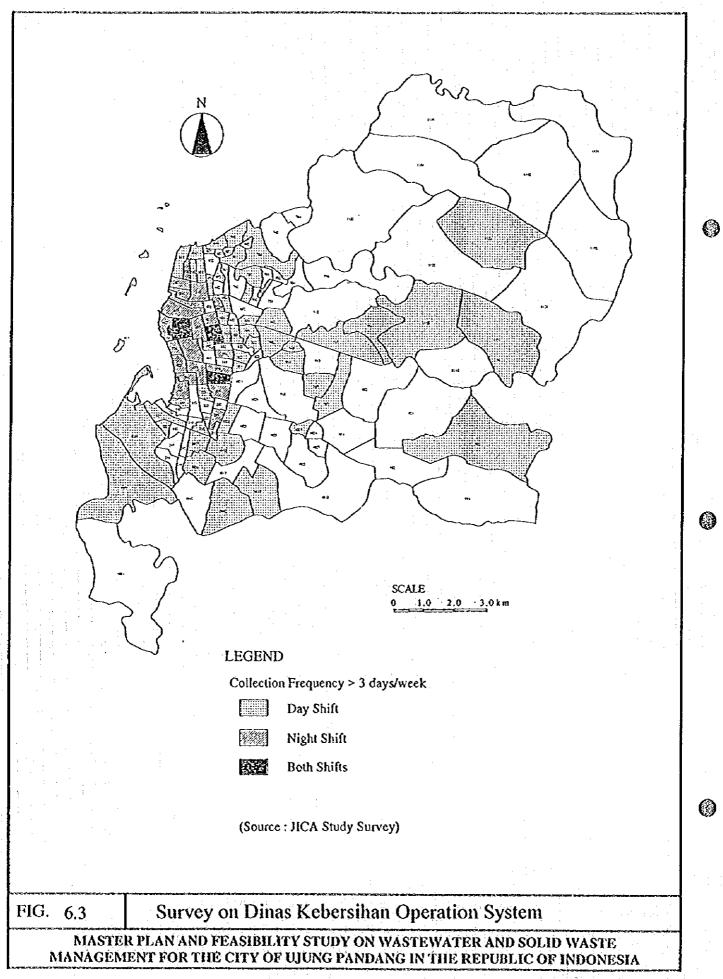
E.Panakkukang, N.Temelate, C.Temelate, S.Tamelate, N.Bringkanaya, S.Bringkanaya Wariso, Warrejang, Makassar, U.Pandong, Wajo, Sontbella, Tello, U.Tanah, W.Panakkukang

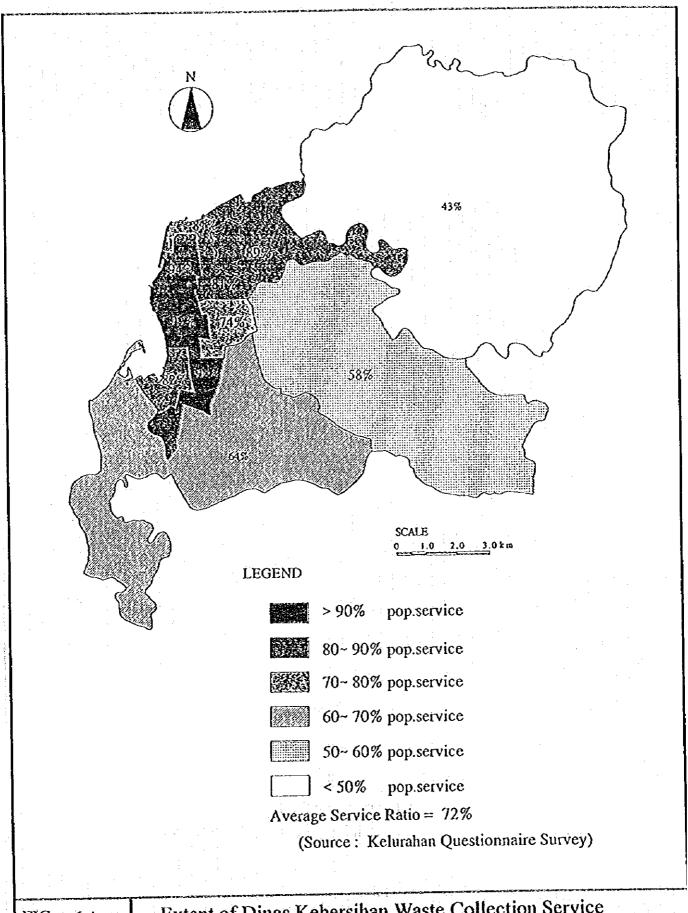
3) Ditch Cleansing 4) Sonitary Landiii 5) Streat Sweeping 1) Primary Collection Branch (Depot/Workshop) 2) Secondary Collection Action Driver 8





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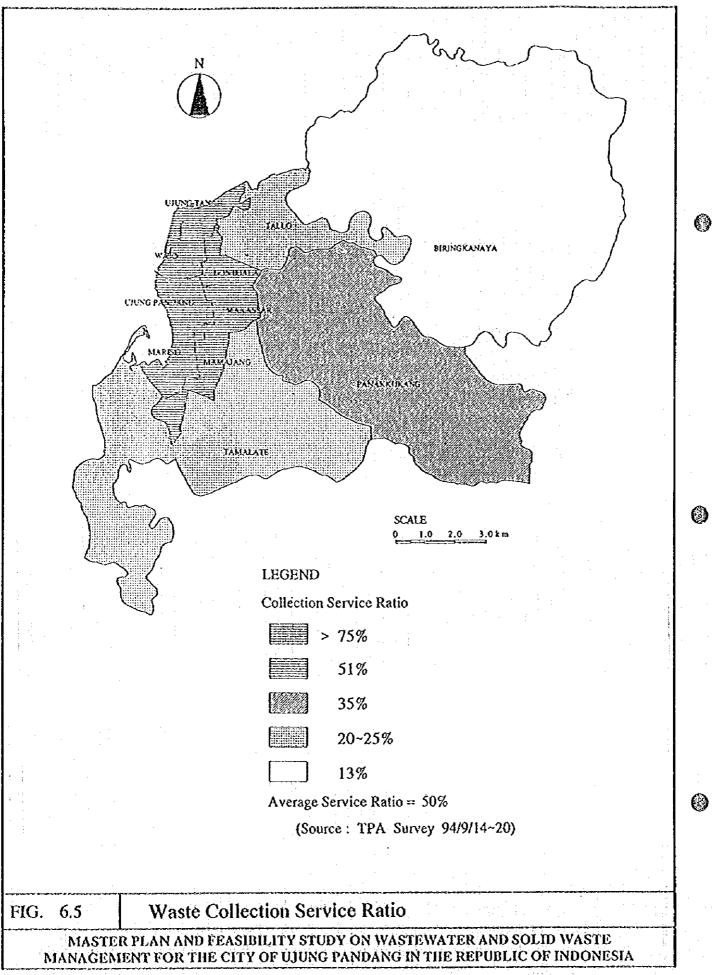




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Extent of Dinas Kebersihan Waste Collection Service 6.4 FIG.

MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA



Service Area by Kecamatan

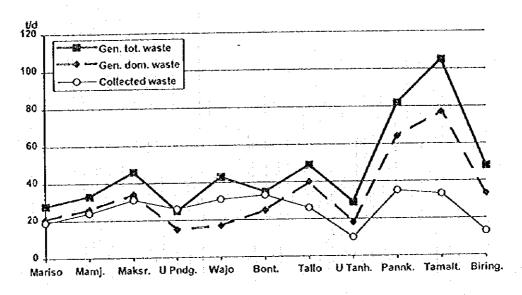


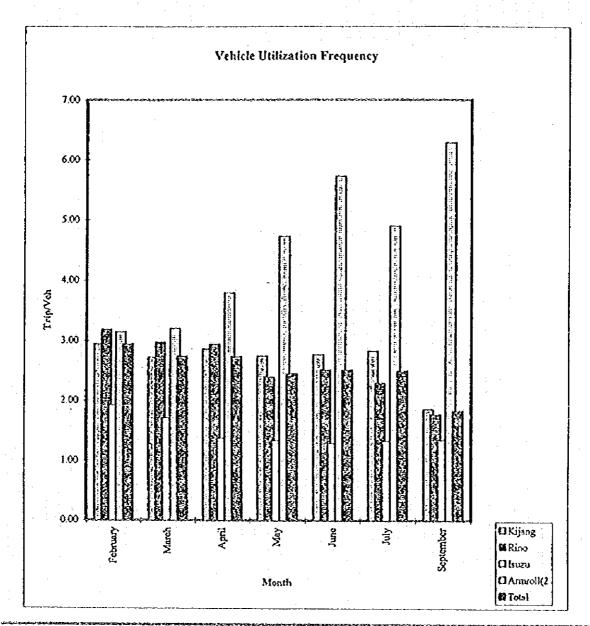
FIG. 6.6

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Waste Collection Service Coverage by Kecamatan

MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA

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Drop in Trips/Vehicle as follows;

1) Isuzu Veh: Feb. 1.92 to Sept. 1.34 (24% of vehicle fleet capacity)

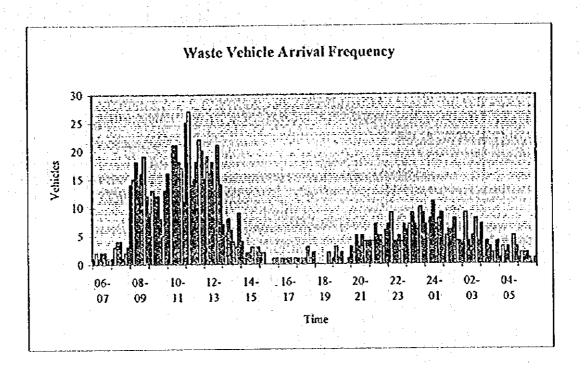
2) Rino Veh: Feb. 3.18 to Sept. 1.77 (including new armroll vehicle)

3) Total Ave: Feb. 2.94 to Sept. 1.83

FIG. 6.7 Drop in Trip Number per Vehicle

MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA





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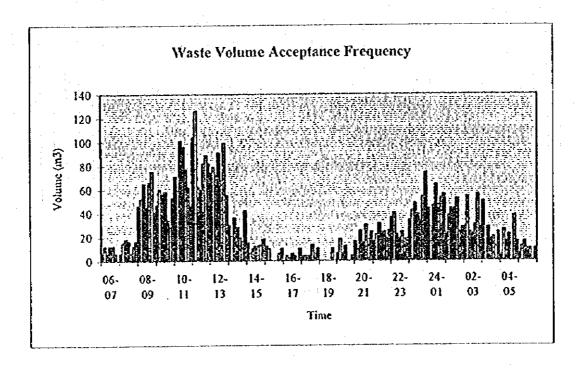
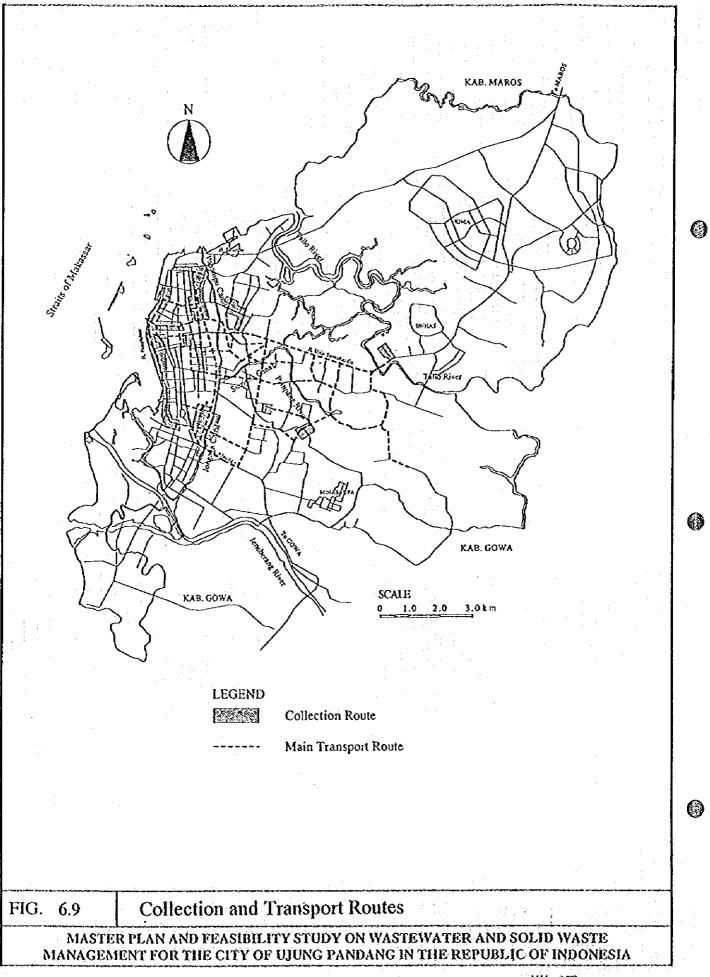
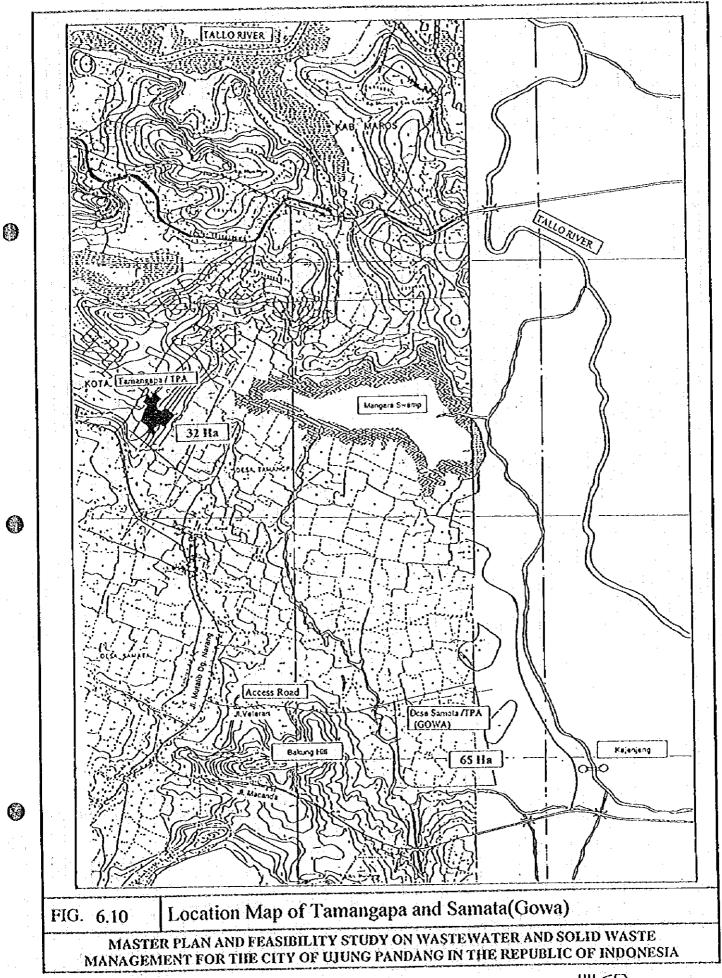
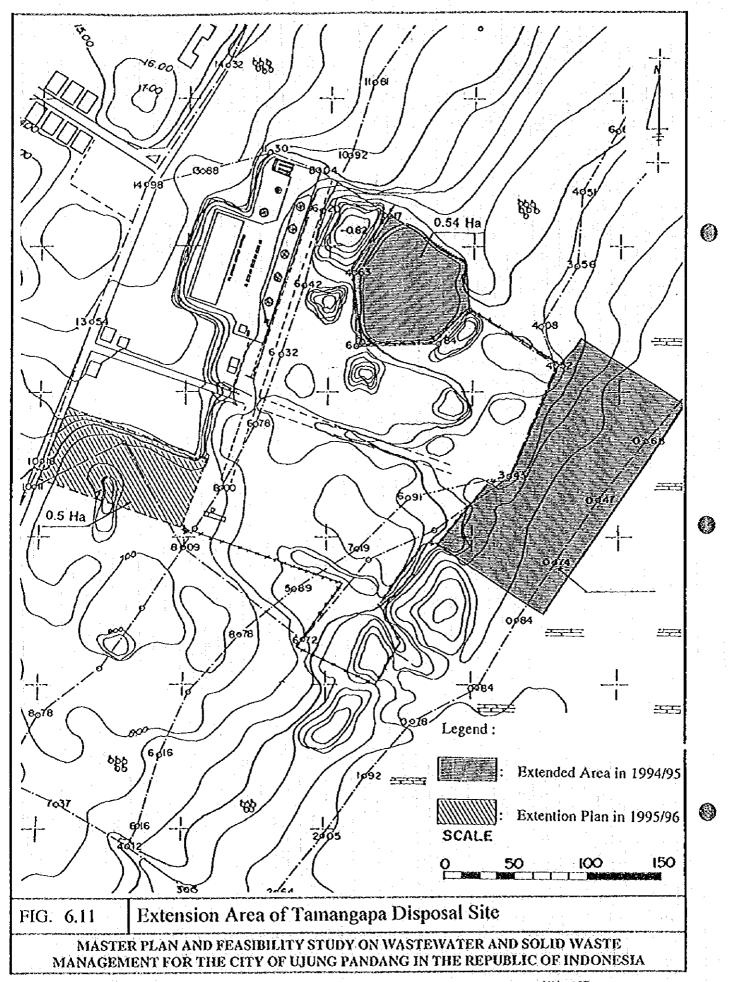


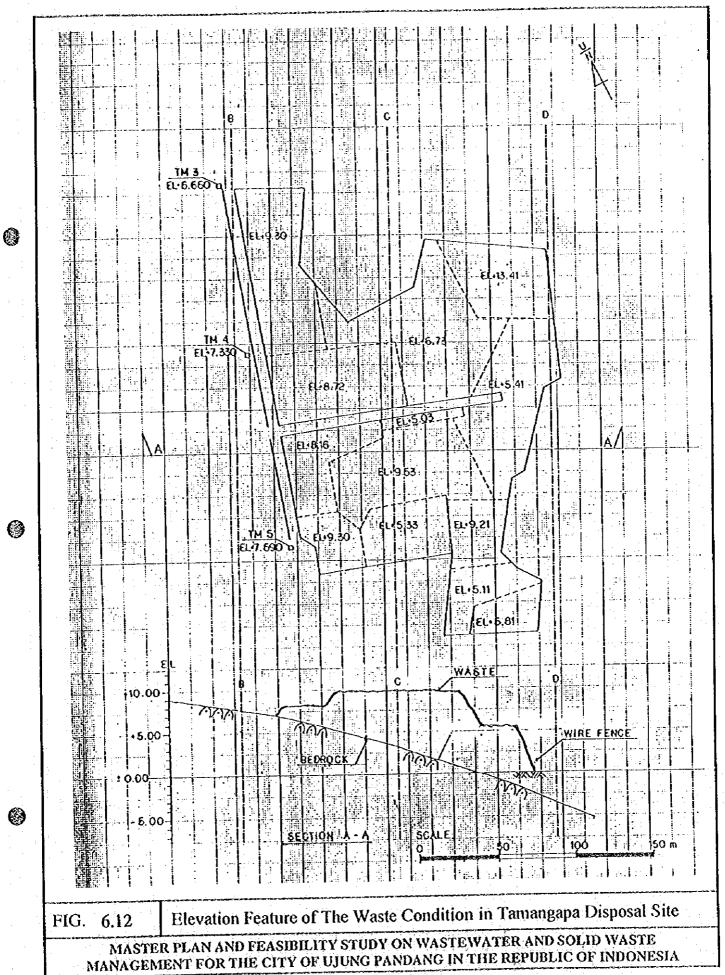
FIG. 6.8 Vehicle and Waste Arrival Frequency

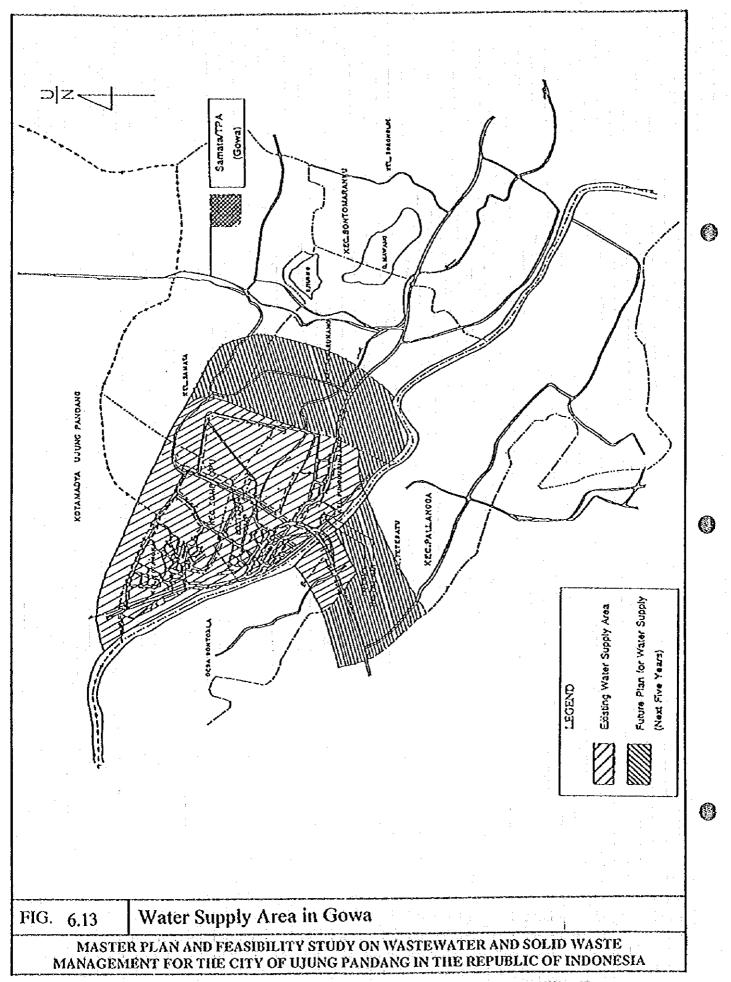
MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA

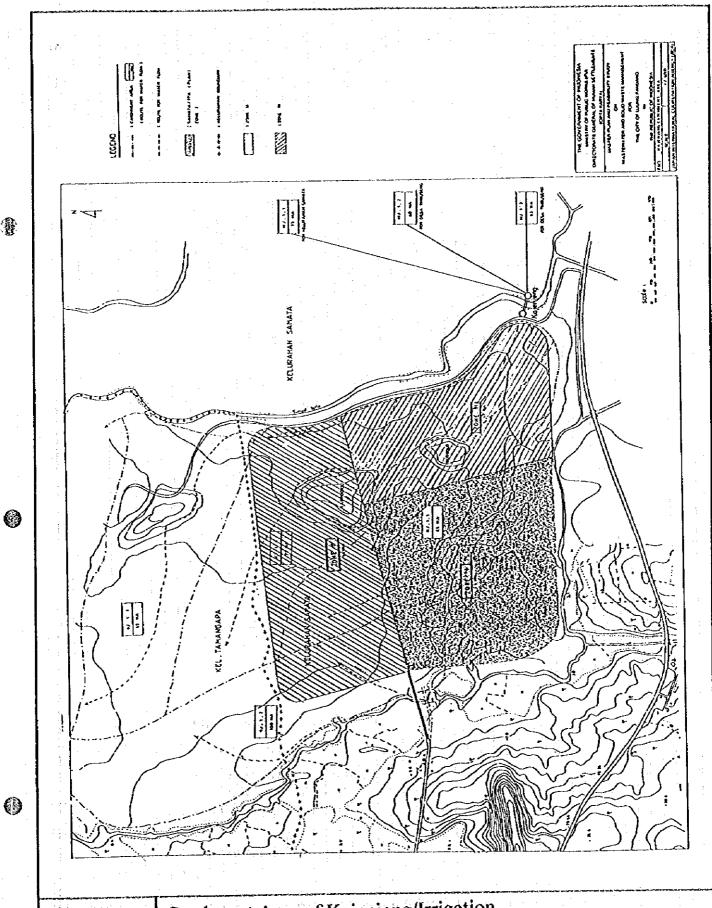








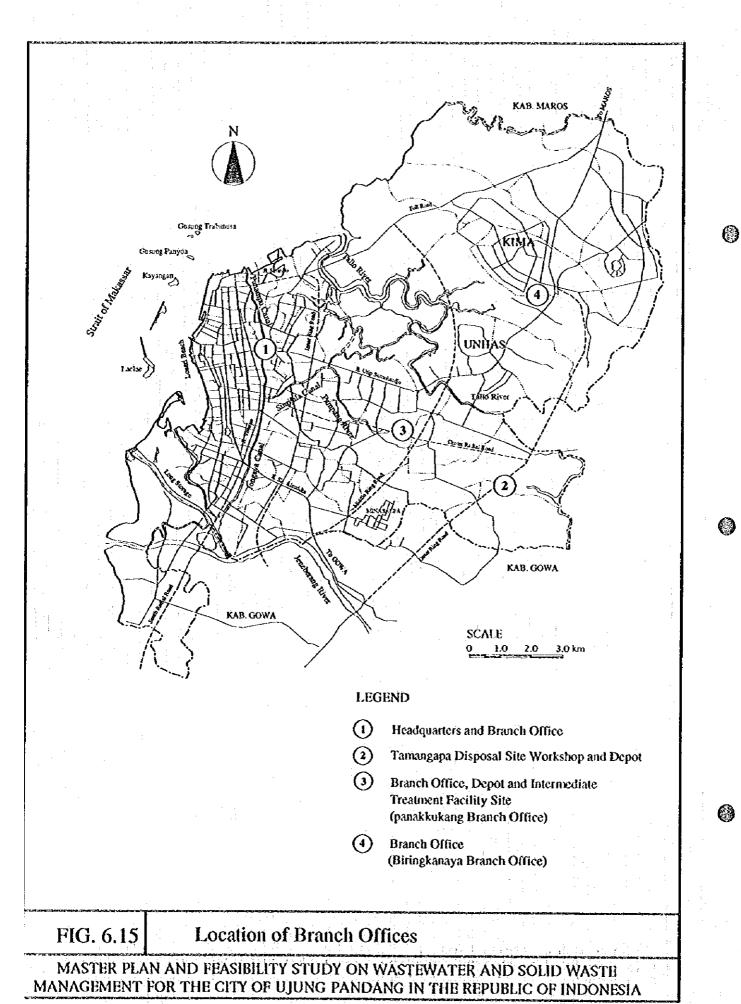


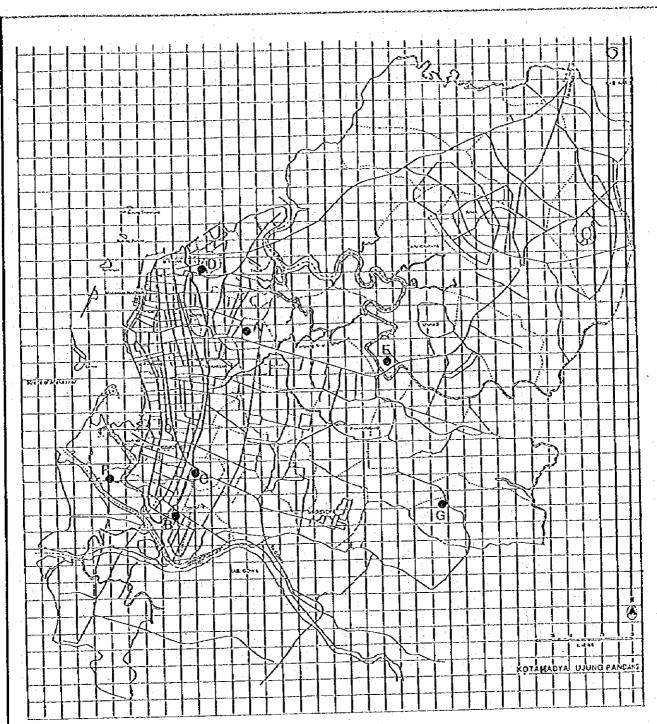


Catchment Area of Kajenjeng/Irrigation FIG. 6.14

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MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA





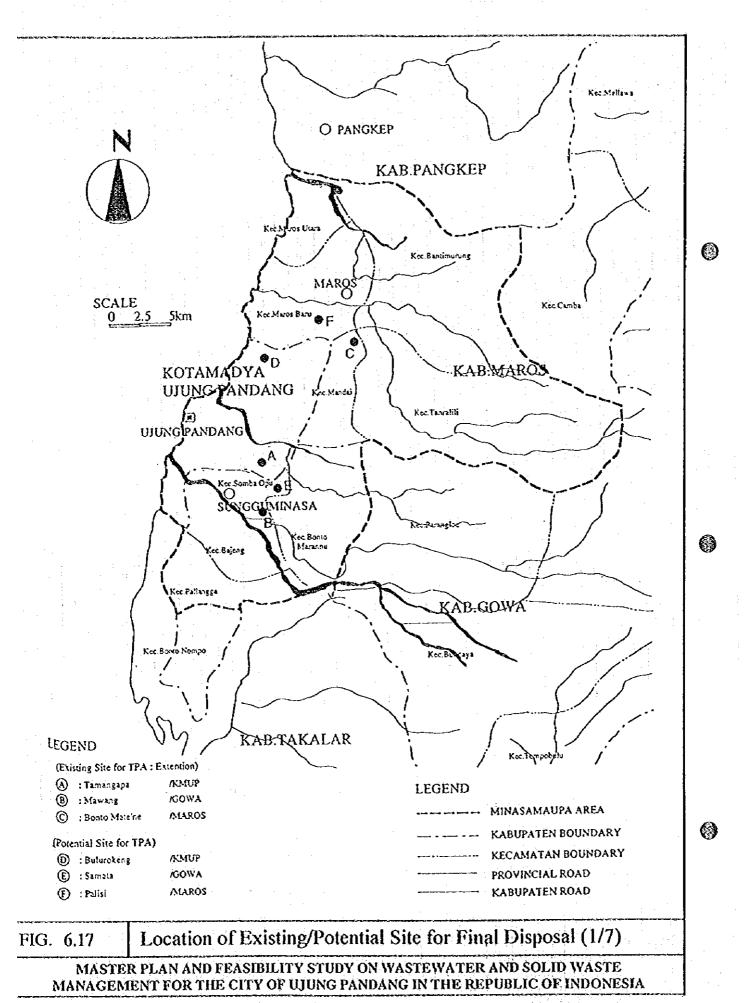
LEGEND:

A: KARUWISI / Kec. Panakkukang
B: SAPPABULO / Kec. Tamalate
C: ANDI TONRO / Kec. Tamalate
D: PANNAMPU / Kec. Tallo

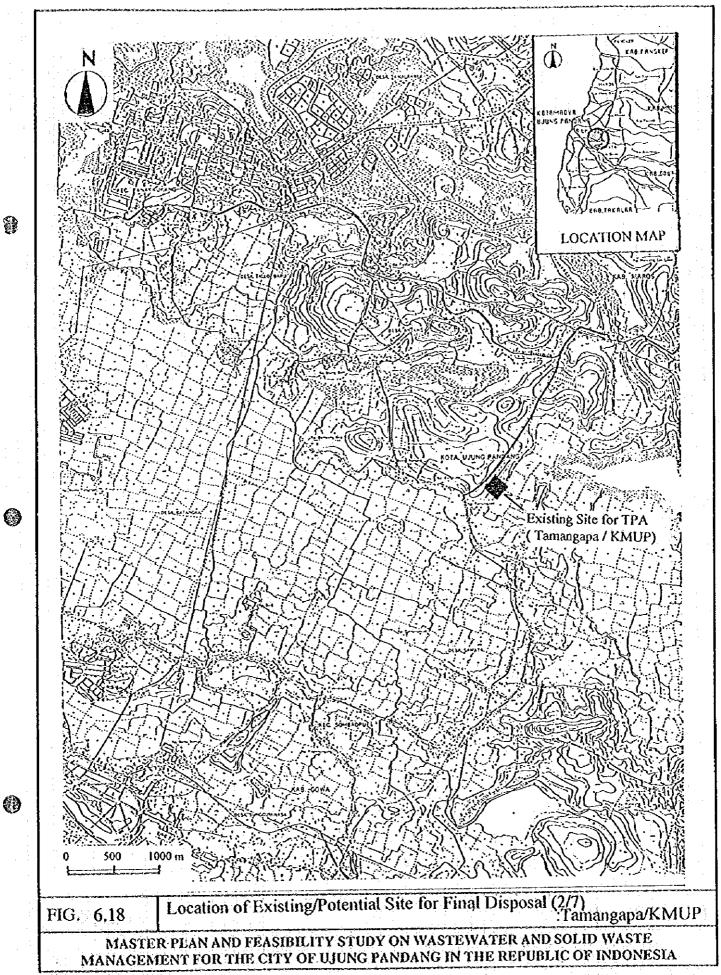
(E): KANTISANG / Kec. Biringkanaya (F): TANJUNG BUNGA / Kec. Tamalate (G): TAMANGAPA / Kec. Panakkukang

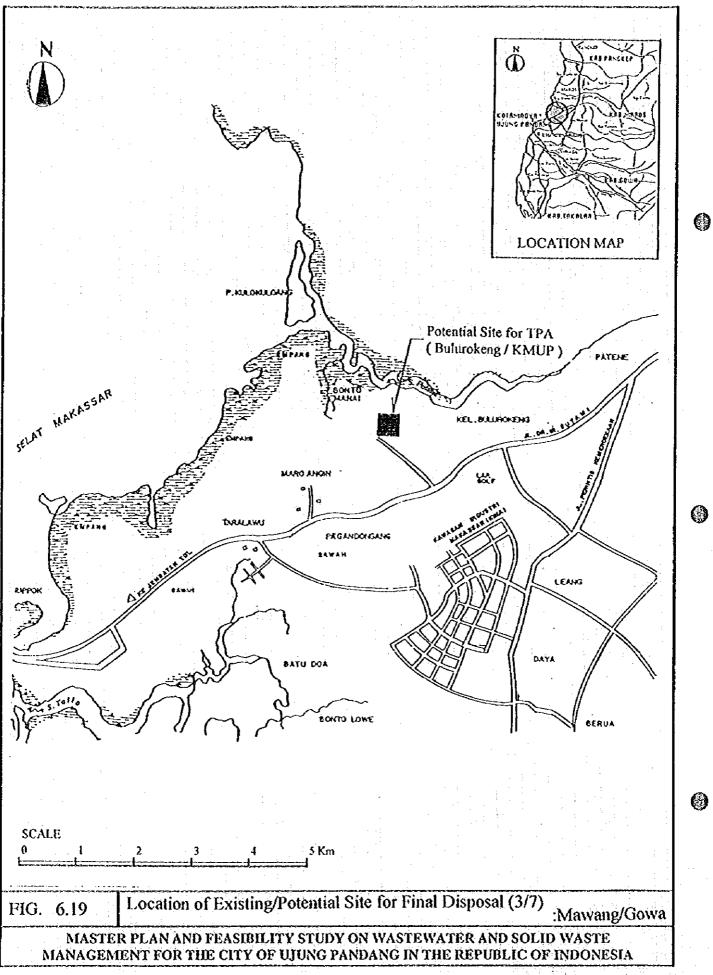
FIG. 6.16 Location of Present and Former Final Disposal Site

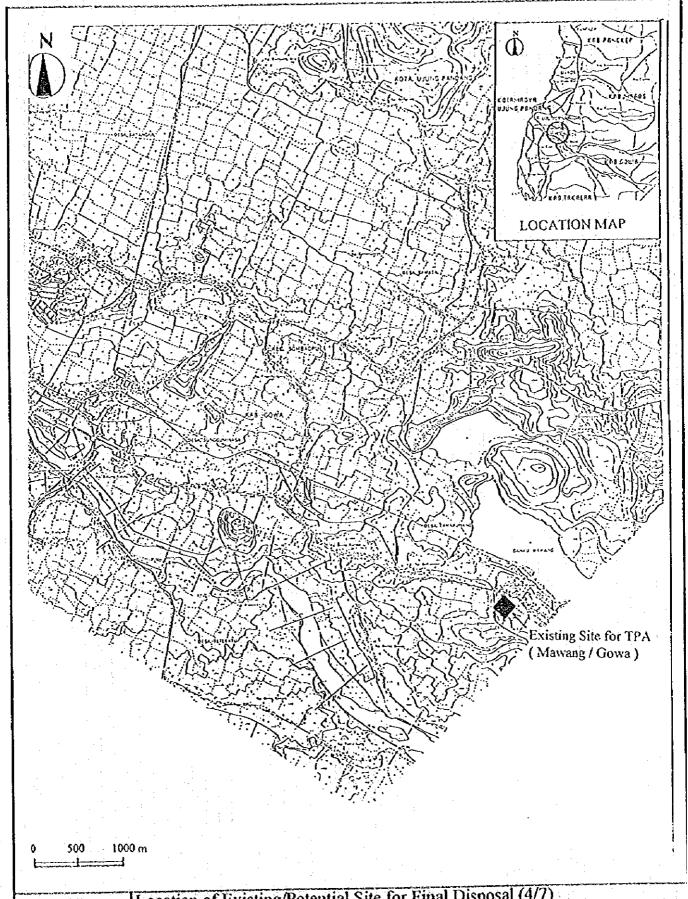
MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA



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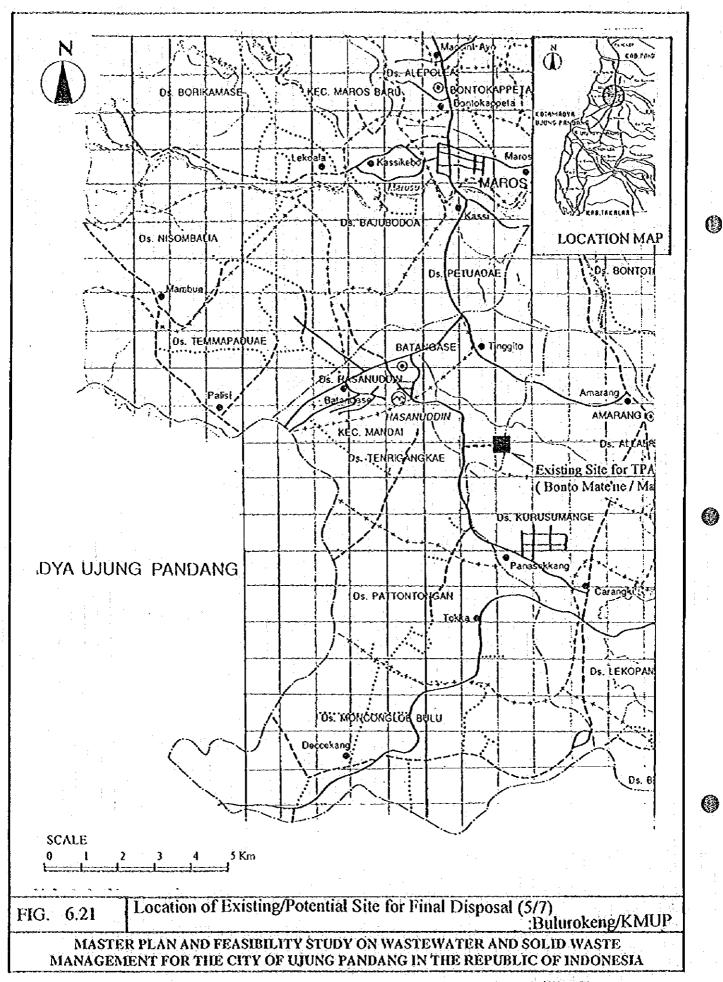






Location of Existing/Potential Site for Final Disposal (4/7) FIG. 6.20 Bonto Mate'ne/MAROS MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE

MANAGEMENT FOR THE CITY OF WUNG PANDANG IN THE REPUBLIC OF INDONESIA



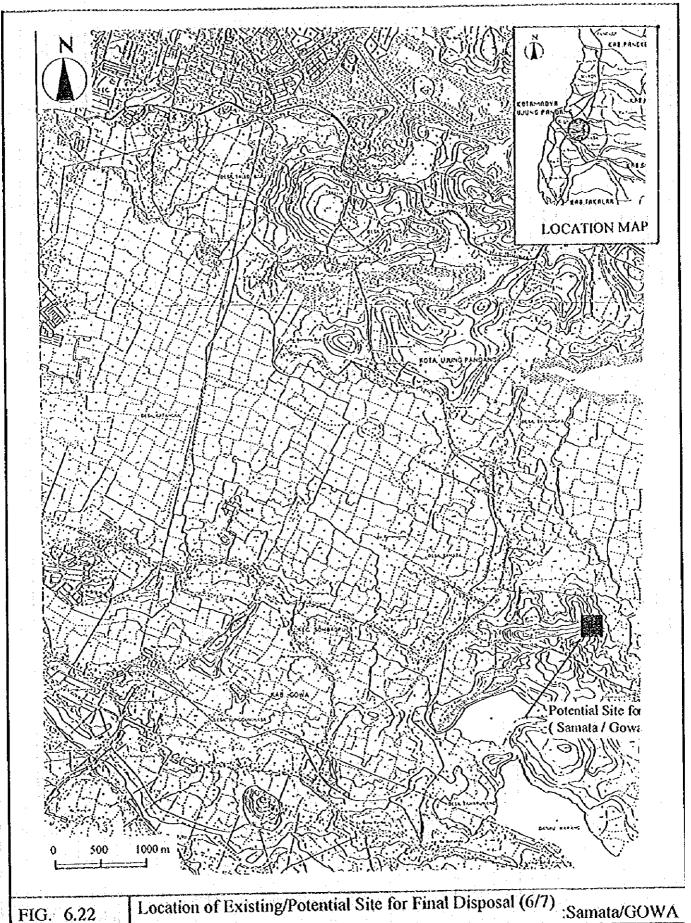
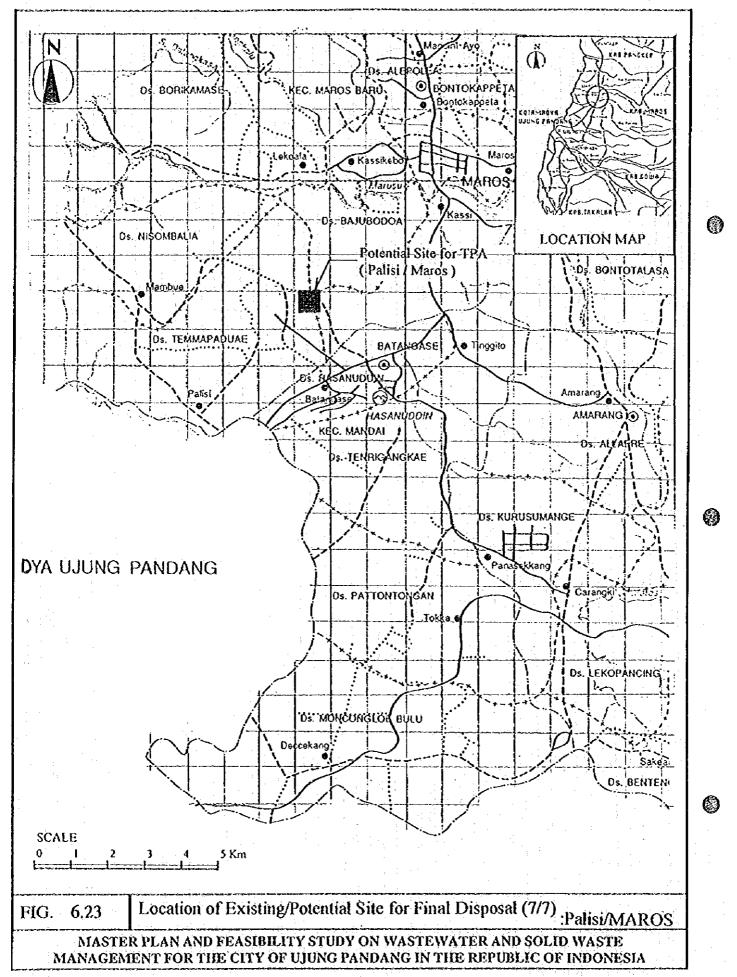
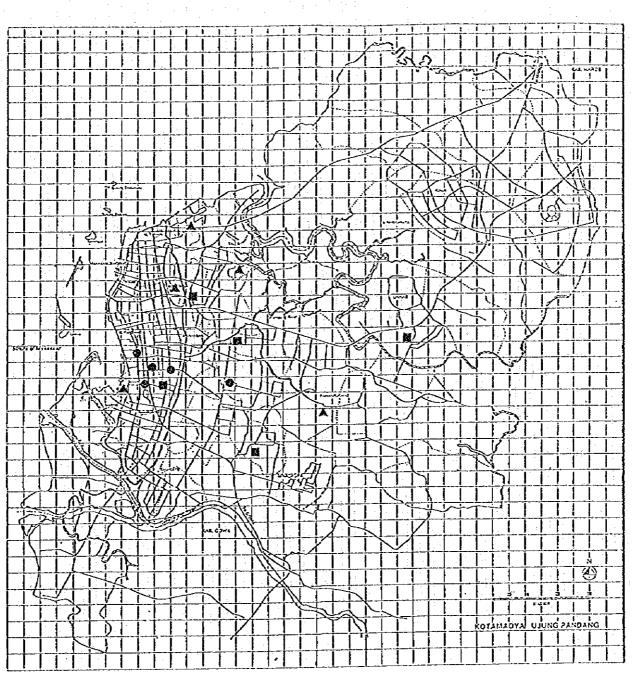


FIG. 6.22 MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE

MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA





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LEGEND :

: High Income Location: Middle Income Location

▲ : Low Income Location

FIG. 6.24 Sampling Area for Unit Generation Survey of Solid Waste

MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF LIUNG PANDANG IN THE REPUBLIC OF INDONESIA



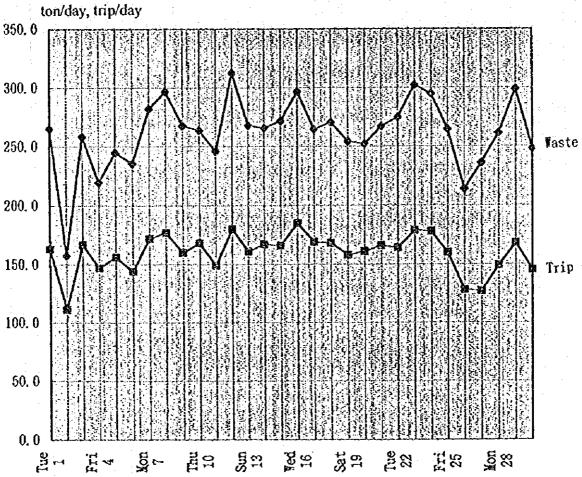


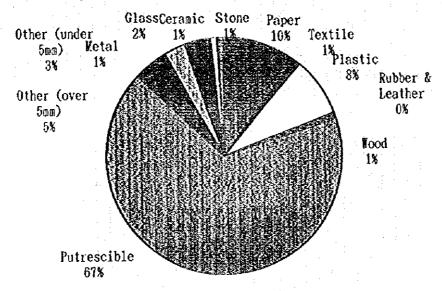
FIG. 6.25 Disposal Amount in November 1994

MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA

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Wet base composition



Dry base composition

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(1)

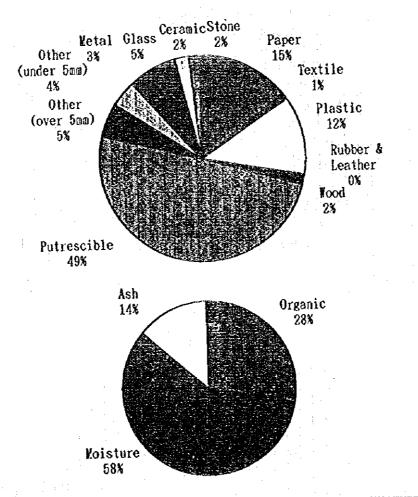
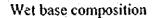
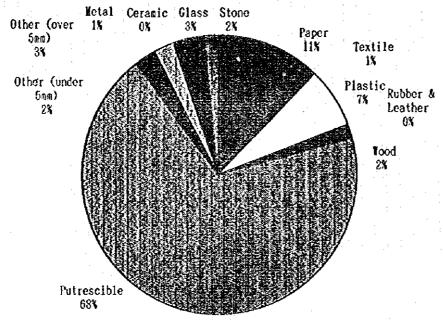


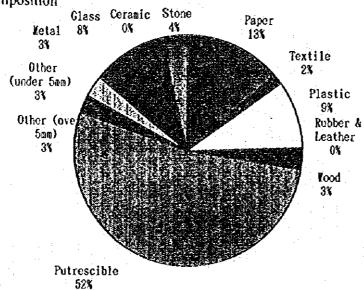
FIG. 6.26 | Solid Waste Composition in Dry Season

MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA





Dry base composition



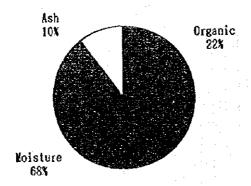
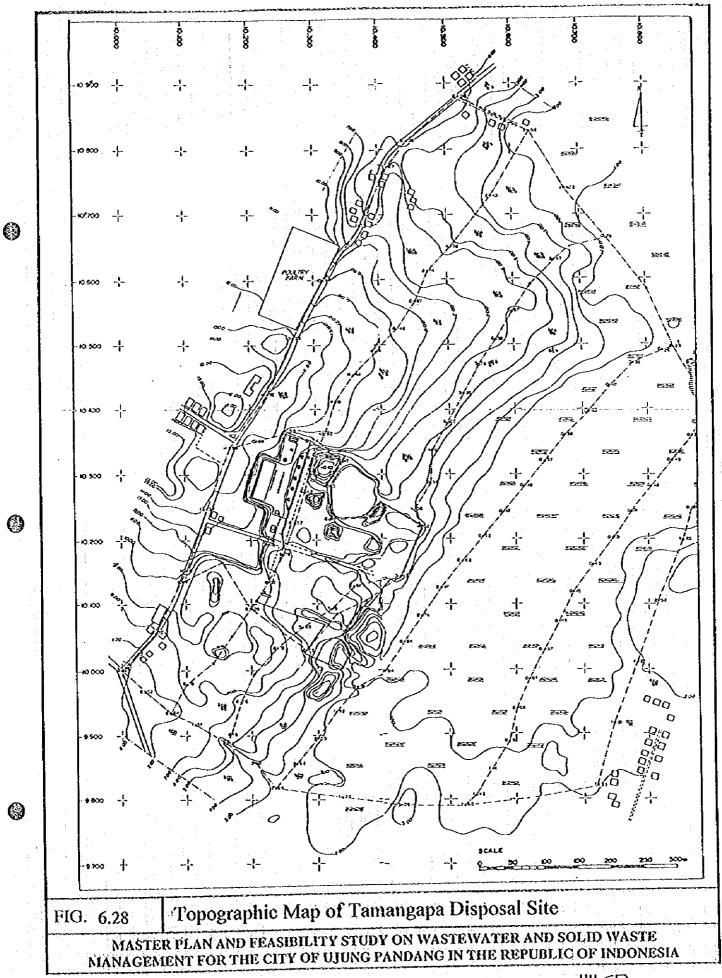
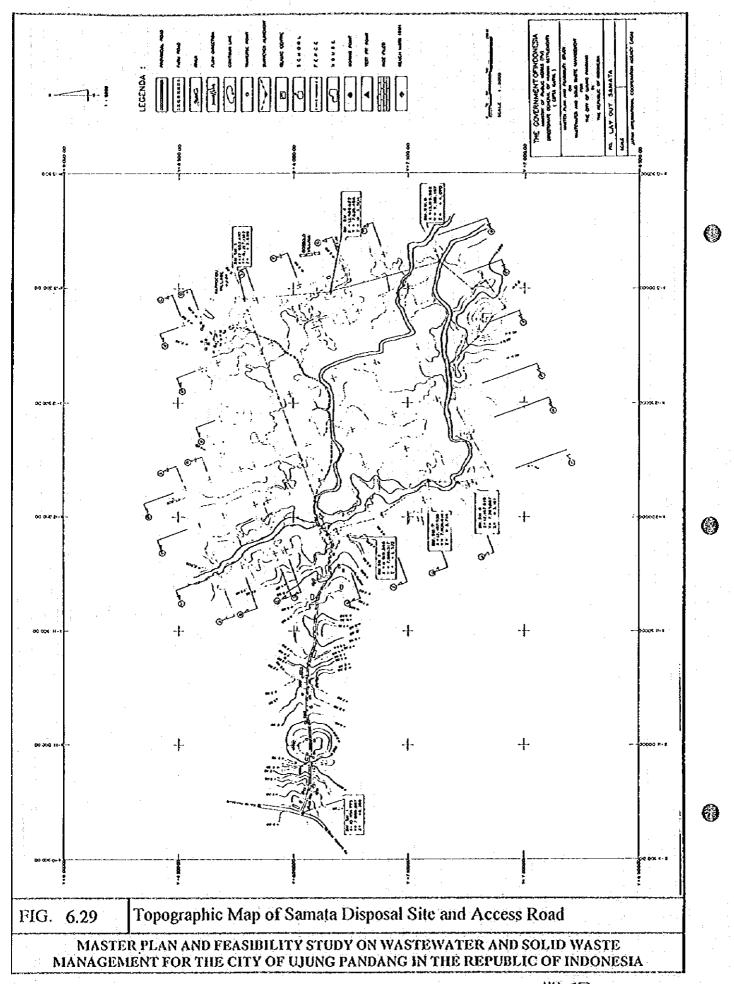
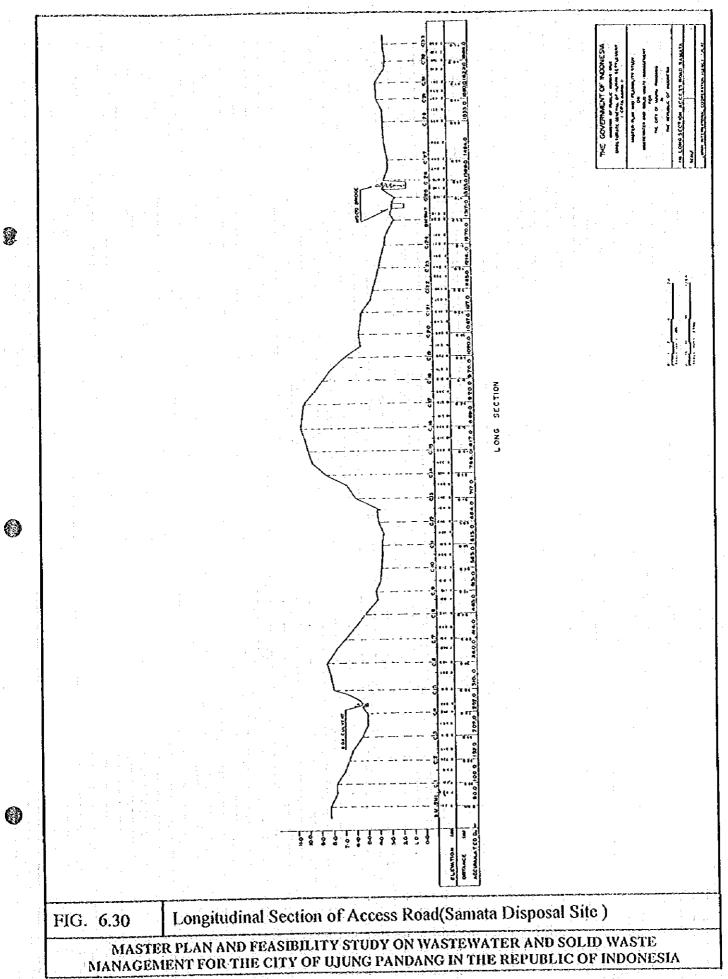


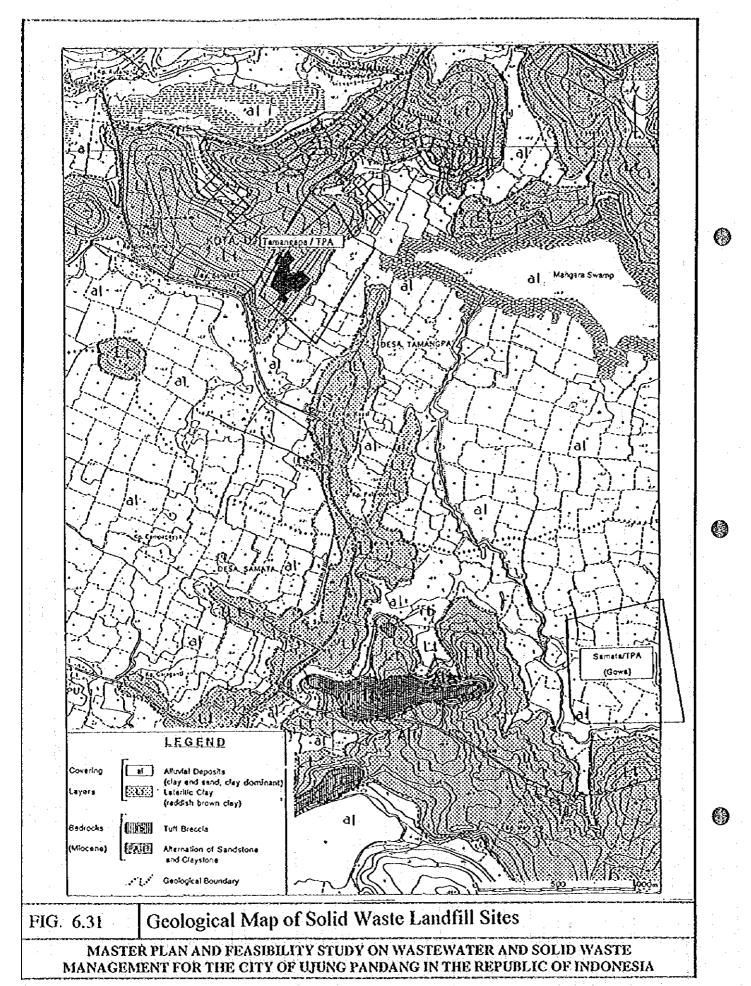
FIG. 6.27 Solid Waste Composition in Wet Season

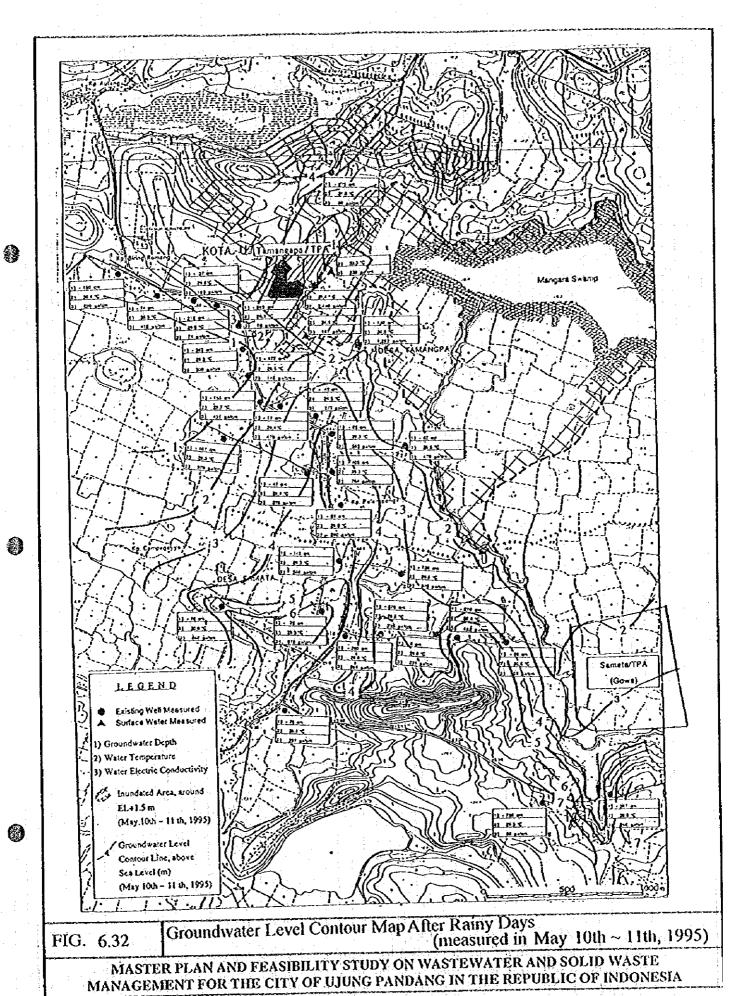
MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA











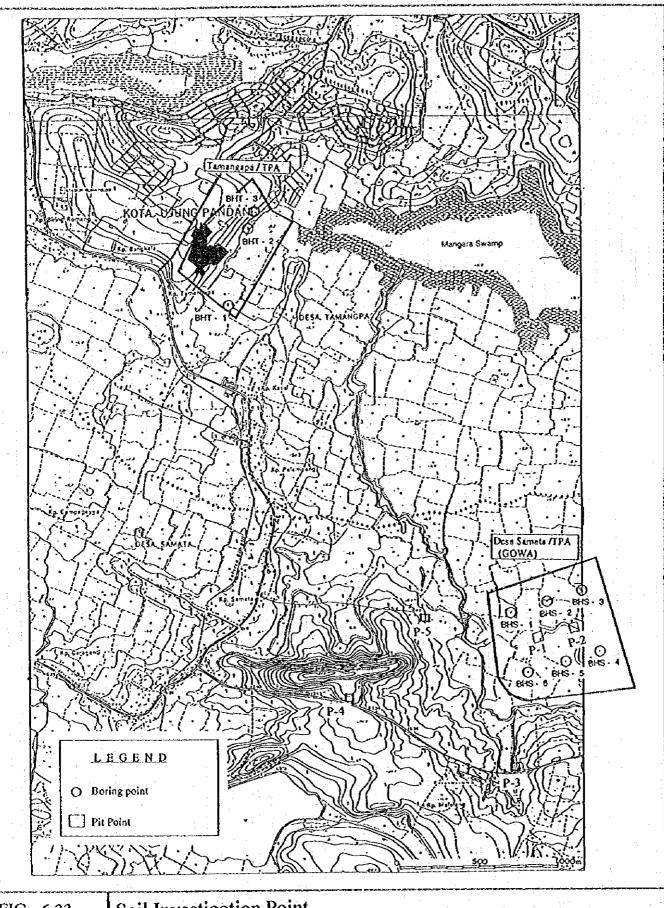


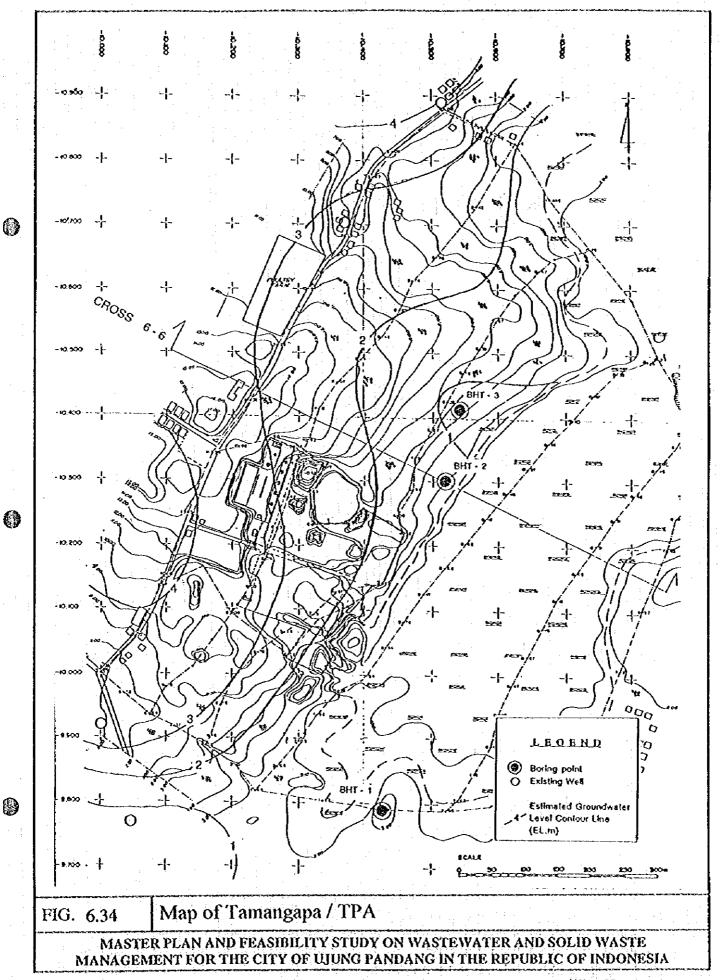
FIG. 6.33 | Soil Investigation Point

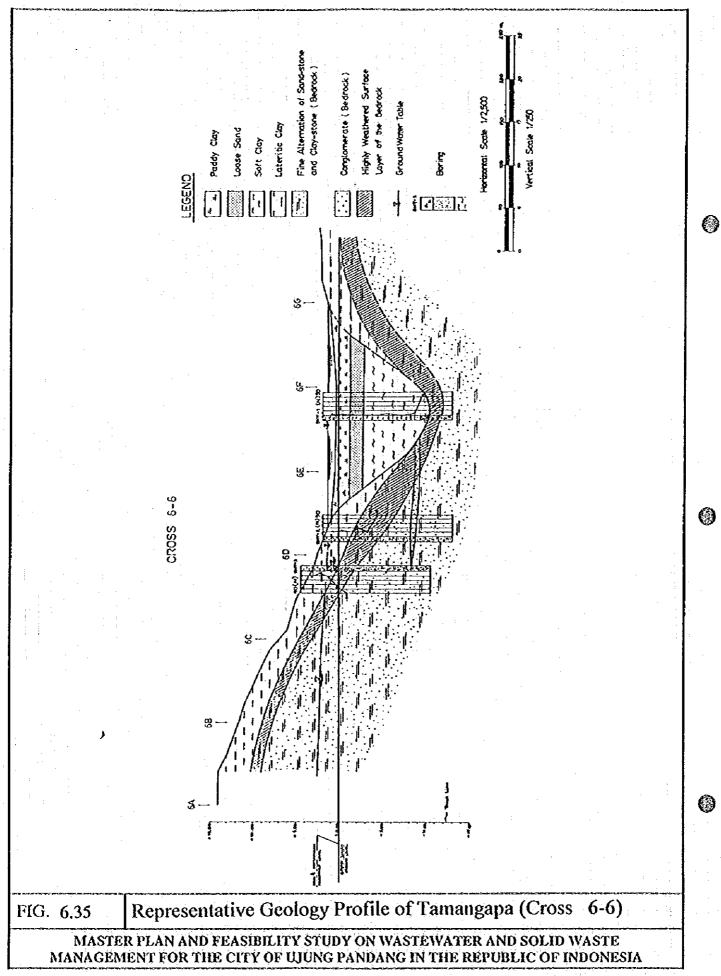
MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF LIUNG PANDANG IN THE REPUBLIC OF INDONESIA

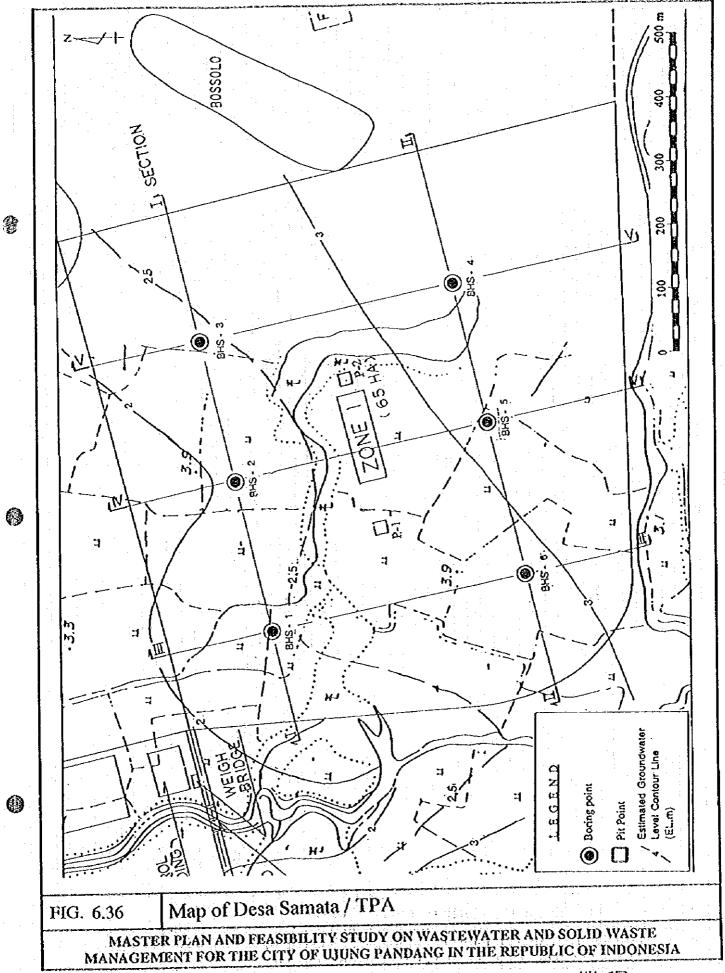
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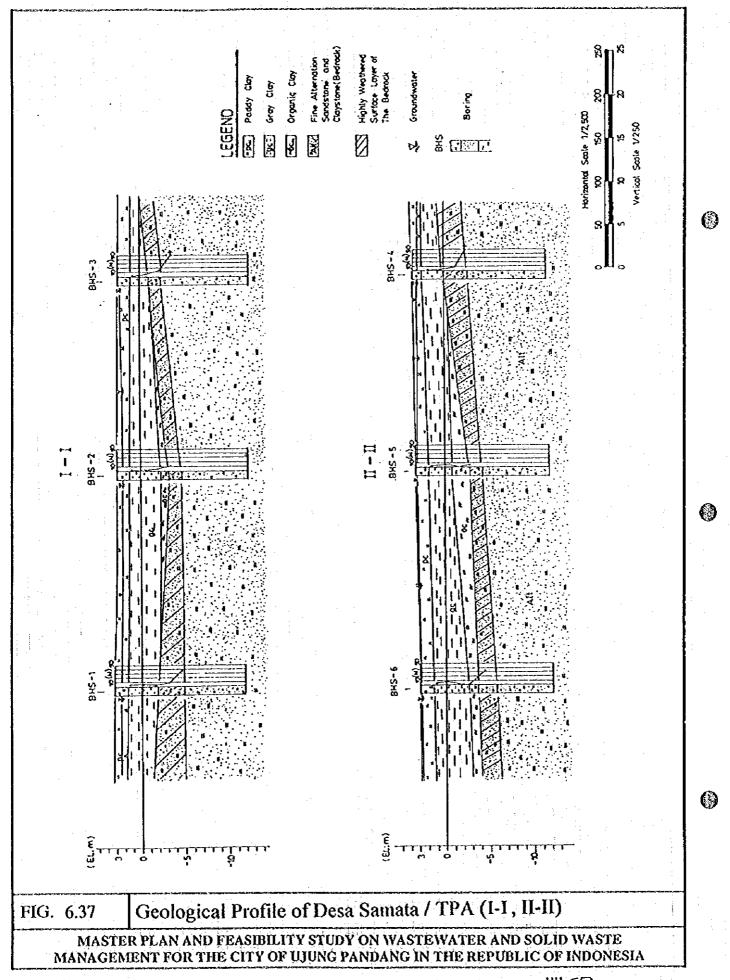
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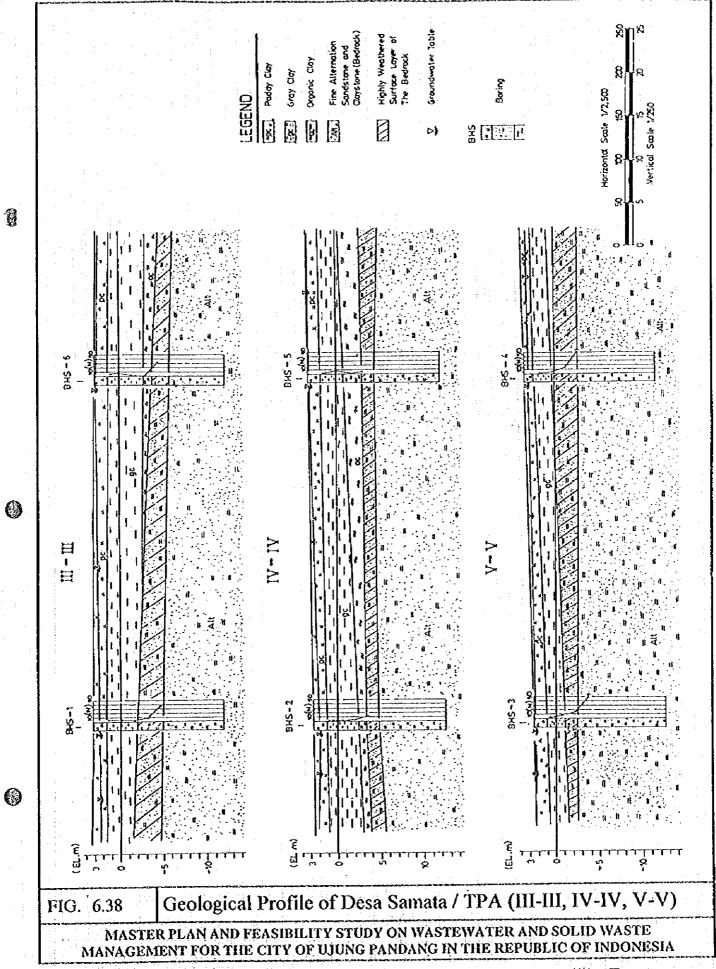
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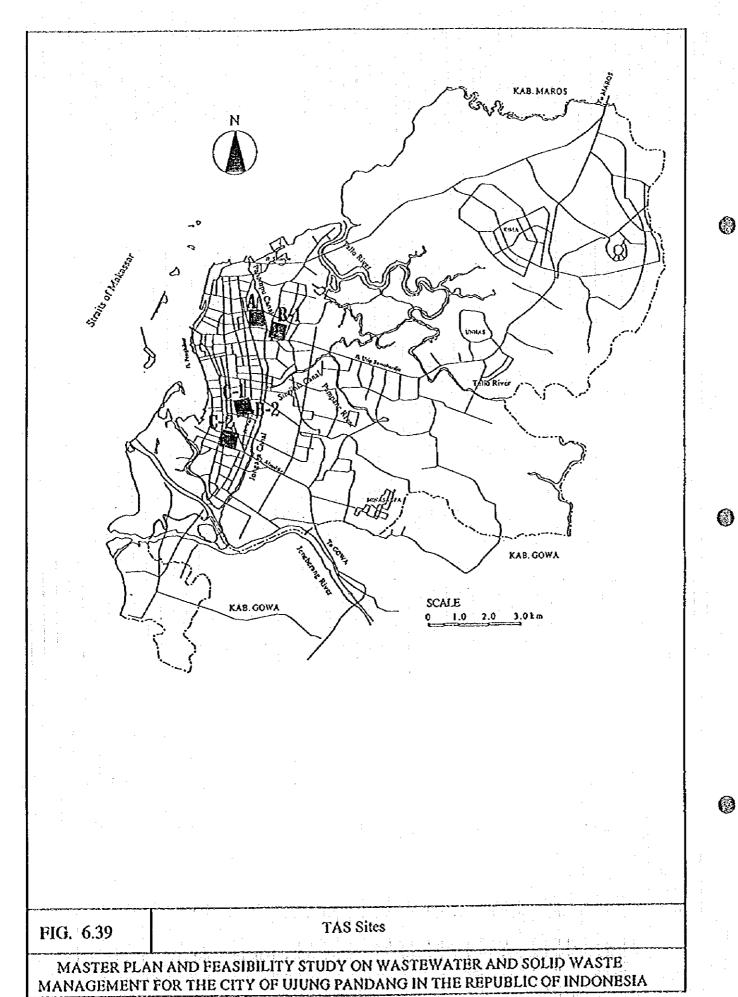


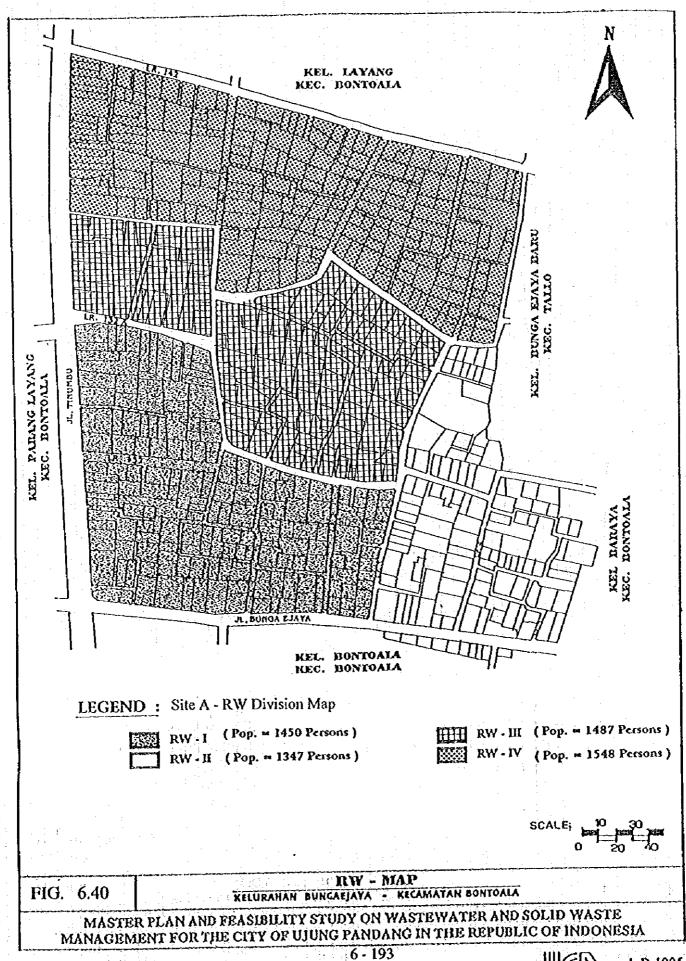




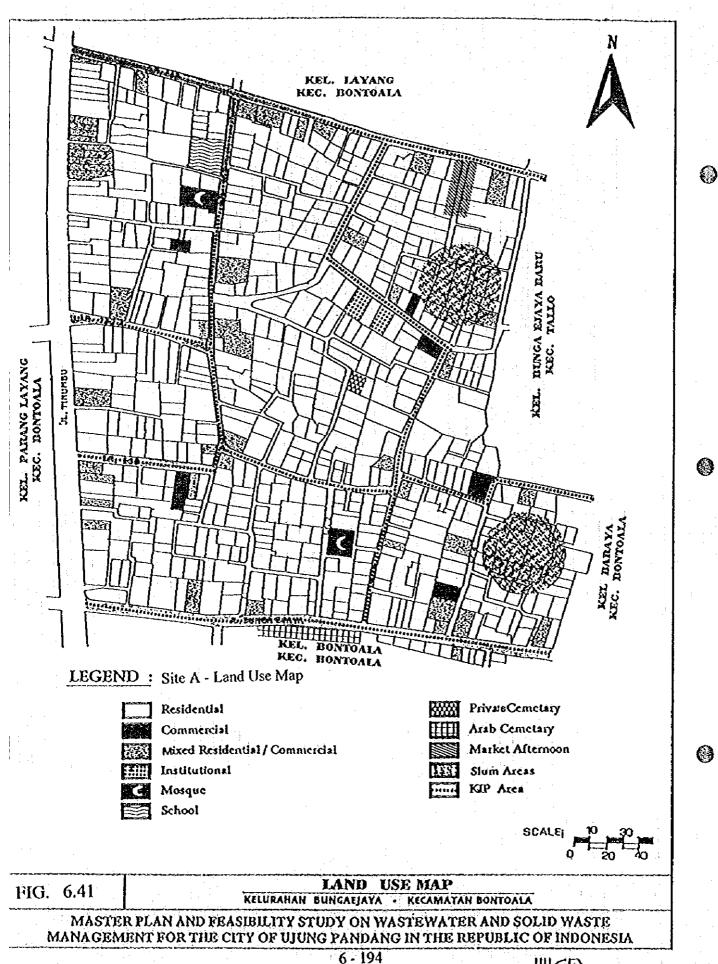


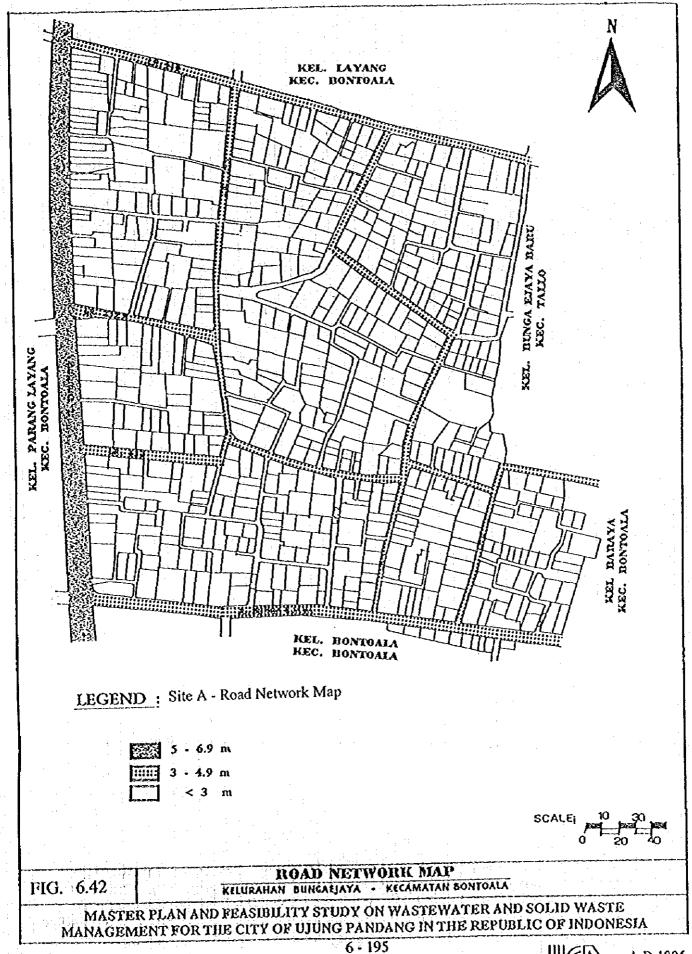






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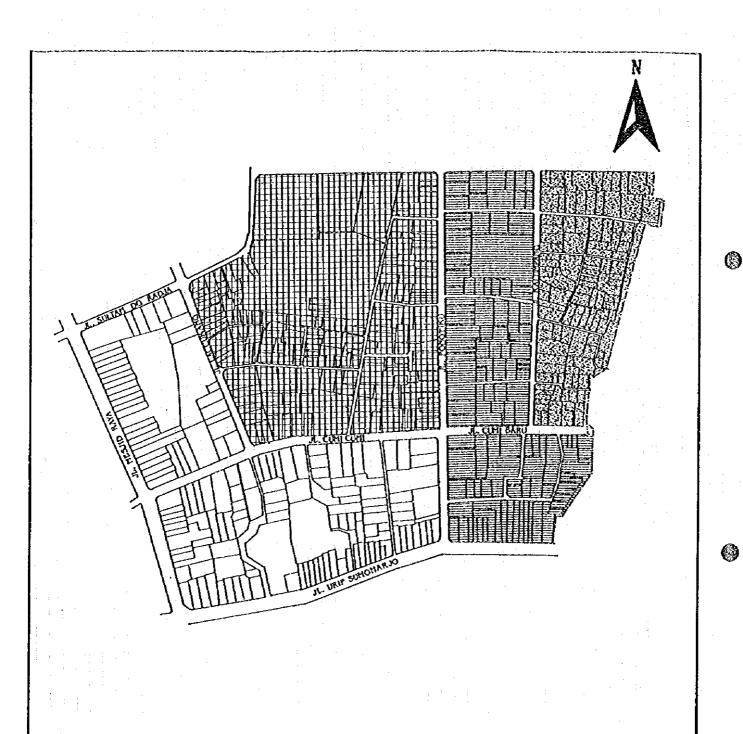




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Site B1 - RW Division Map

RW - I (HOUSEHOLD •198)

RW - [[[HOUSEHOLD +210]

RW - 'III [HOUSEHOLD = 166]

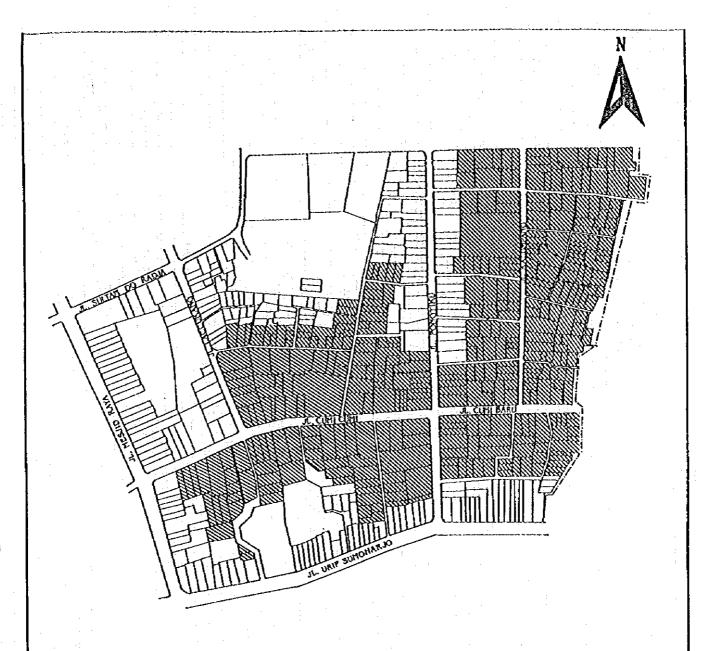
RW - IV [HOUSEHOLD = 156]

50 100

RW - MAP FIG. 6.43

KEL MALIMONGAN BARU KEC. BONTOALA

MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA



LEGEND: Site B1 - TAS Study Area

Study Area (325 - Bin)

SCALE: 25 75 0 50 100

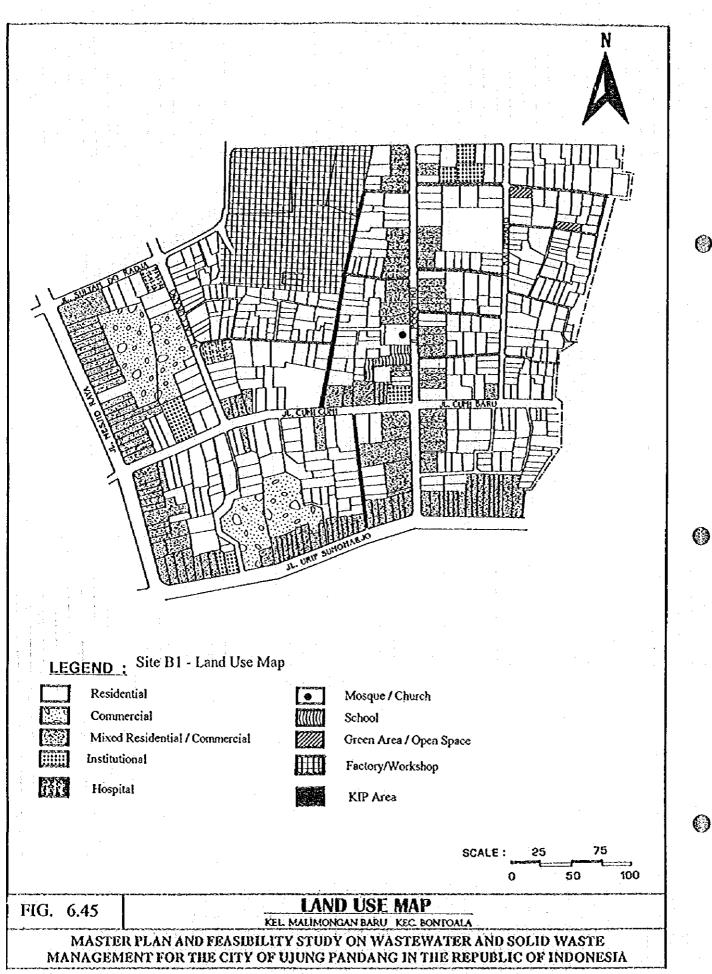
FIG. 6.44

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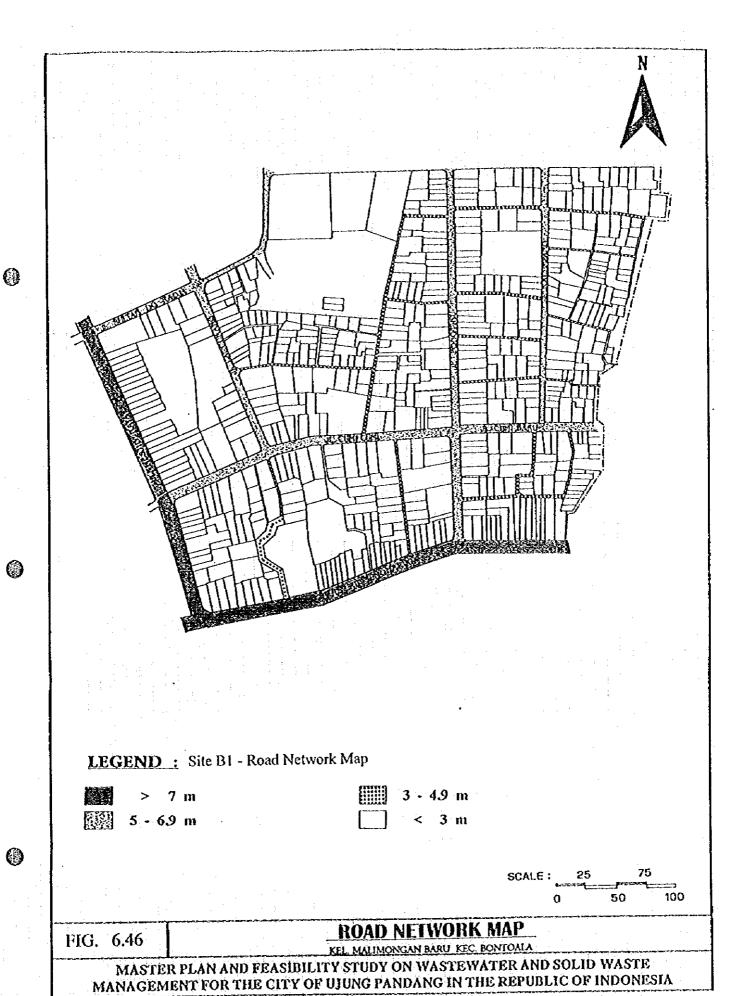
TAS STUDY AREA MAP

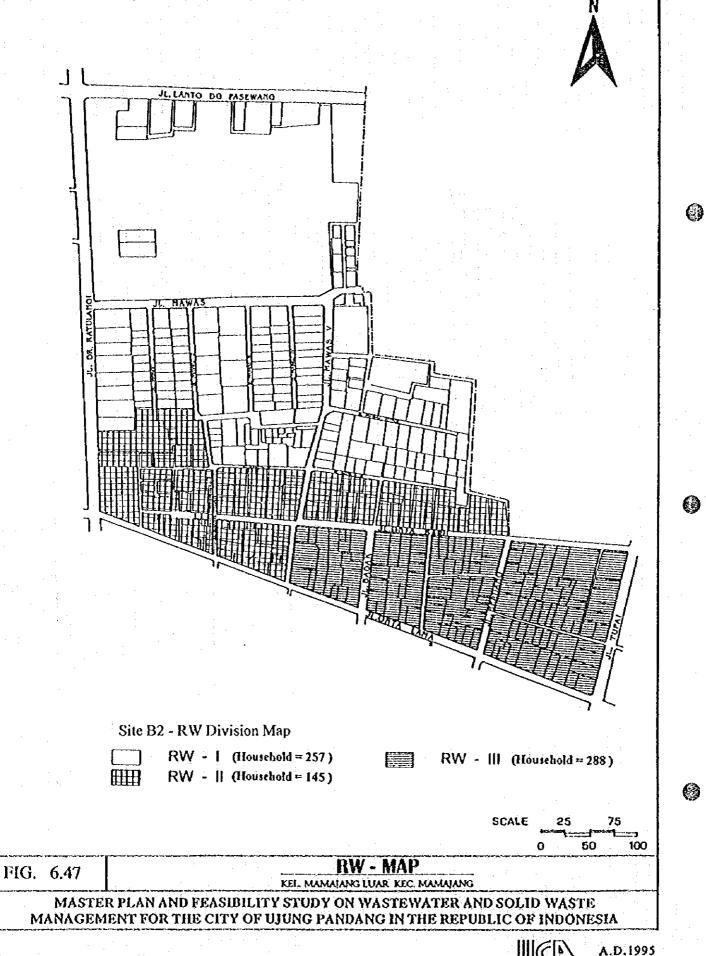
MASTER PLAN AND FEASIBILITY STUDY ON WASTEWATER AND SOLID WASTE MANAGEMENT FOR THE CITY OF UJUNG PANDANG IN THE REPUBLIC OF INDONESIA

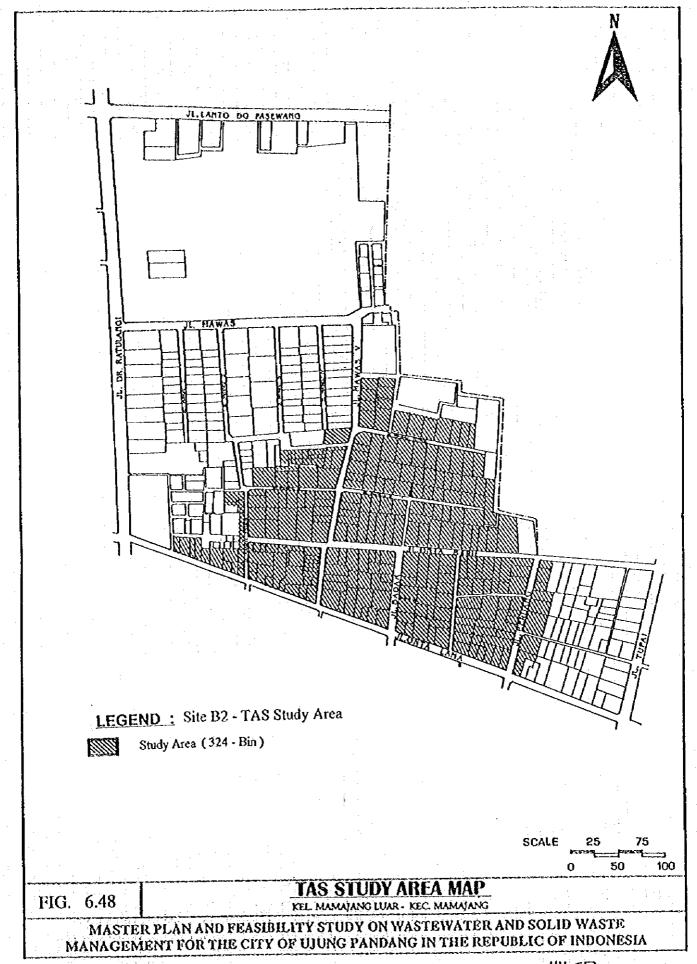
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