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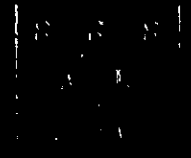
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FINAL REPORT

DATA BOOK

社会開発調査部報告書 (No. 37)

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JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)

**DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT
MINISTRY OF PUBLIC WORKS
REPUBLIC OF INDONESIA**

**THE STUDY
ON
CIUJUNG - CIDURIAN
INTEGRATED WATER RESOURCES
IN INDONESIA**

FINAL REPORT

**VOLUME IV
DATA BOOK**



28232

FEBRUARY 1995

**NIPPON KOEI CO., LTD.
TOKYO, JAPAN**

**THE STUDY
ON
CIUJUNG-CIDURIAN INTEGRATED WATER RESOURCES**

COMPOSITION OF REPORTS

Volume I : Executive Summary

Volume II : Main Report

Volume III : Supporting Report

1. Present Socio-economic Conditions in the Study Area
2. Hydrological Study
3. Water Resources Study
4. Preliminary Design and Environmental Investigation of Pasir Kopo Dam
5. Topographic Survey for Karian-Serpong Conveyance System
6. Geological Investigation for Karian-Serpong Conveyance System
7. Karian-Serpong Conveyance System
8. Environmental Impact Analysis
9. Construction Plan and Cost Estimate
10. Financial and Economic Analyses
11. Reference Drawings Prepared by the Previous Studies and Projects

Volume IV : Data Book

- A. Topographic Maps Produced by the Study
- B. Hydrological Data in the Ciujung and Cidurian River Basins
- C. Geotechnical Data along the Karian-Serpong Conveyance System

EXCHANGE RATE

The exchange rates used in this Study are:

Rp.2,177 = US\$ 1.00 = ¥ 100

as of August, 1994

国際協力事業団

28232

**THE STUDY
ON
CIUJUNG-CIDURIAN INTEGRATED WATER RESOURCES**

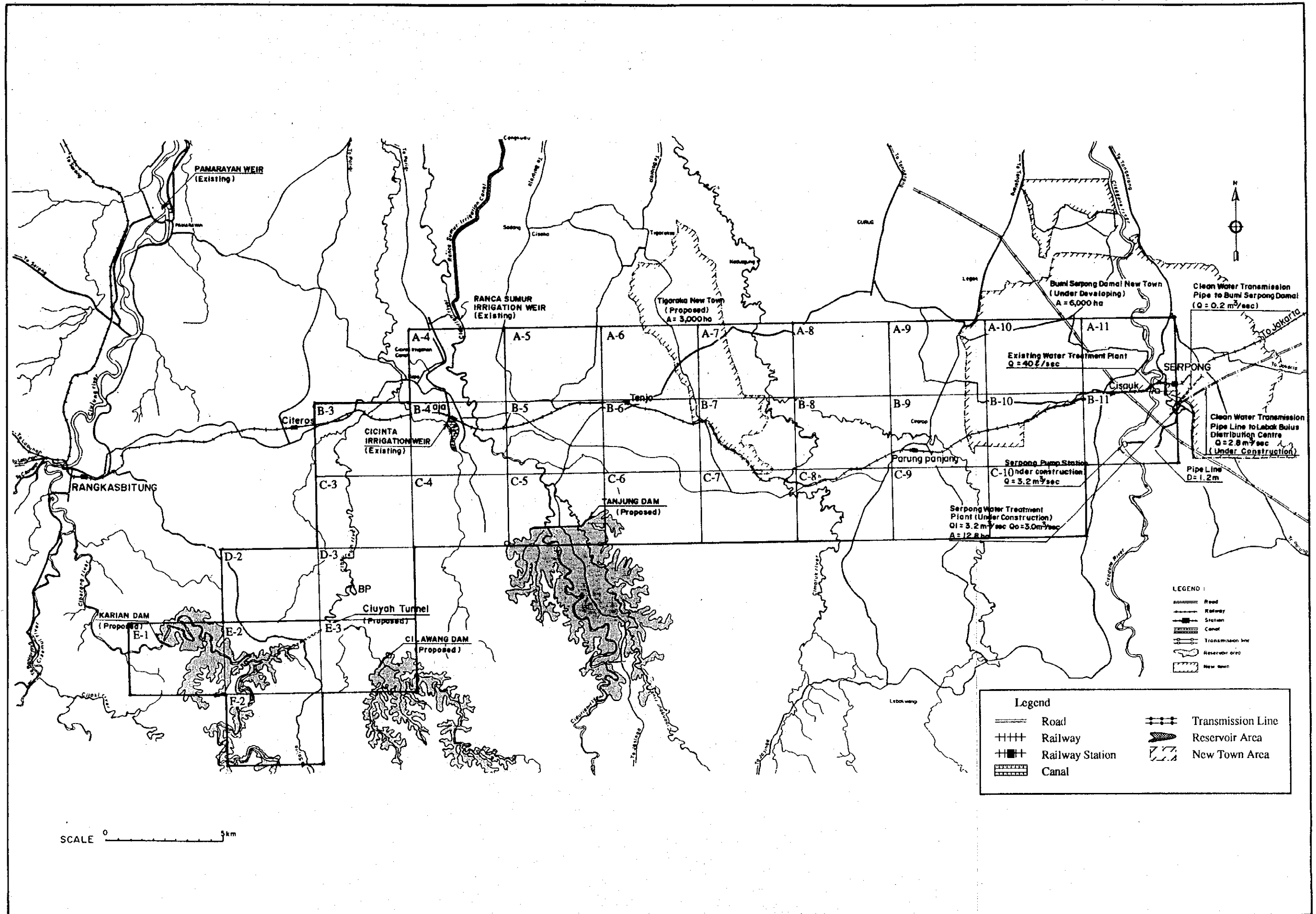
DATA BOOK

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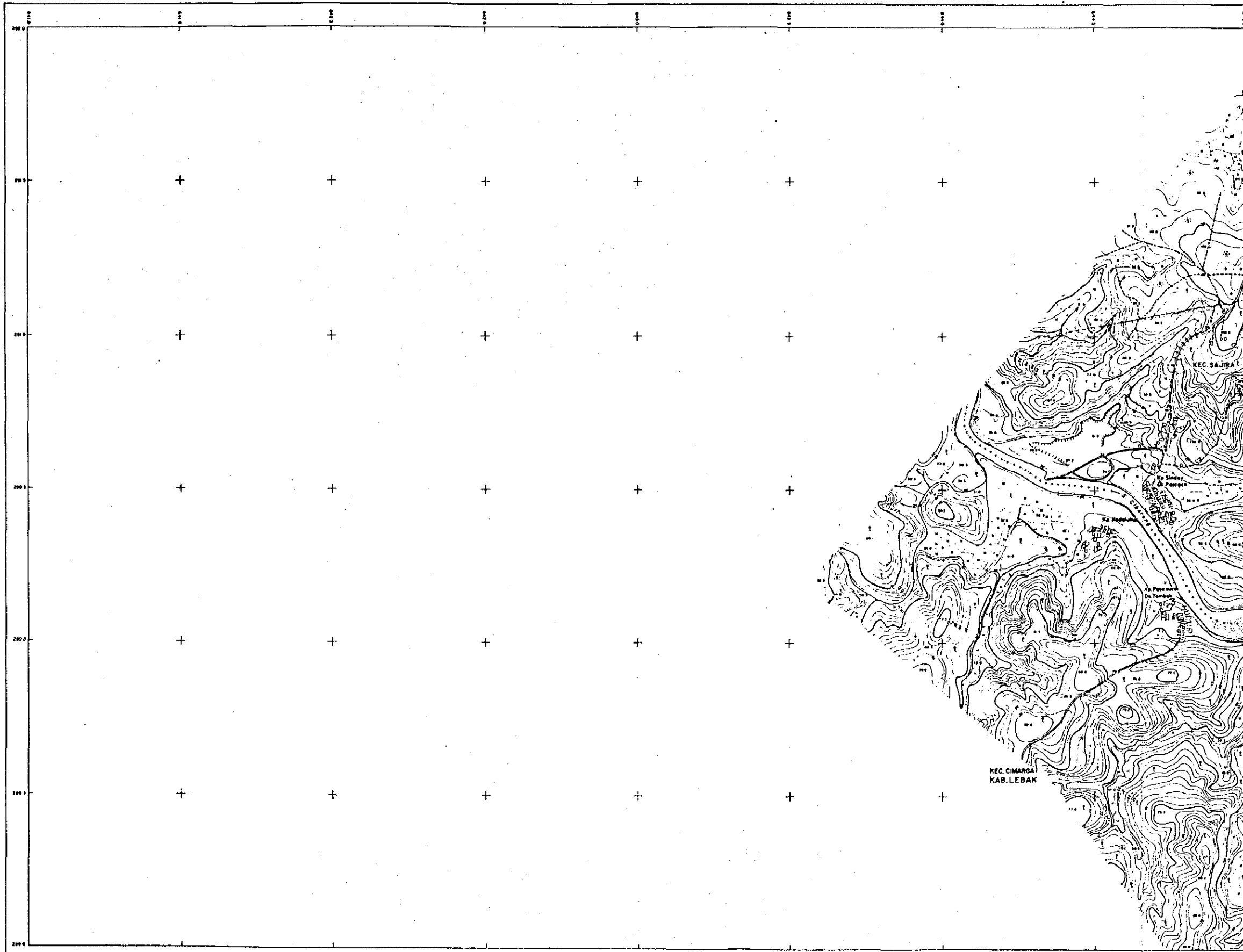
**A TOPOGRAPHIC MAPS PRODUCED
BY THE STUDY**

***A.1 Index Map of Topographic Map
on a Scale of 1:5,000***



A.2 Topographic Map on a Scale 1:5,000

A.2 Topographic Map on a Scale of 1:5,000 (1/31)

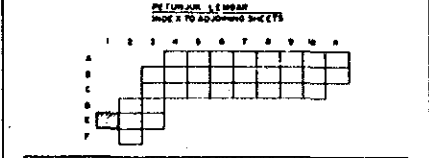


N

SKALA
SCALE 1 : 5.000

LEGENDA
LEGEND

	Settlement		Road
	Railway		Canal
	Stream		Dam
	Contour line		Power line



Peta ini dibuat secara fotogrametris dari foto udara m 1993 (skala 1 : 20.000) dengan sistem proyeksi UTM. Data sumber: Skema Pemukiman, Sistem Drainase, dan Sistem Saluran Air.

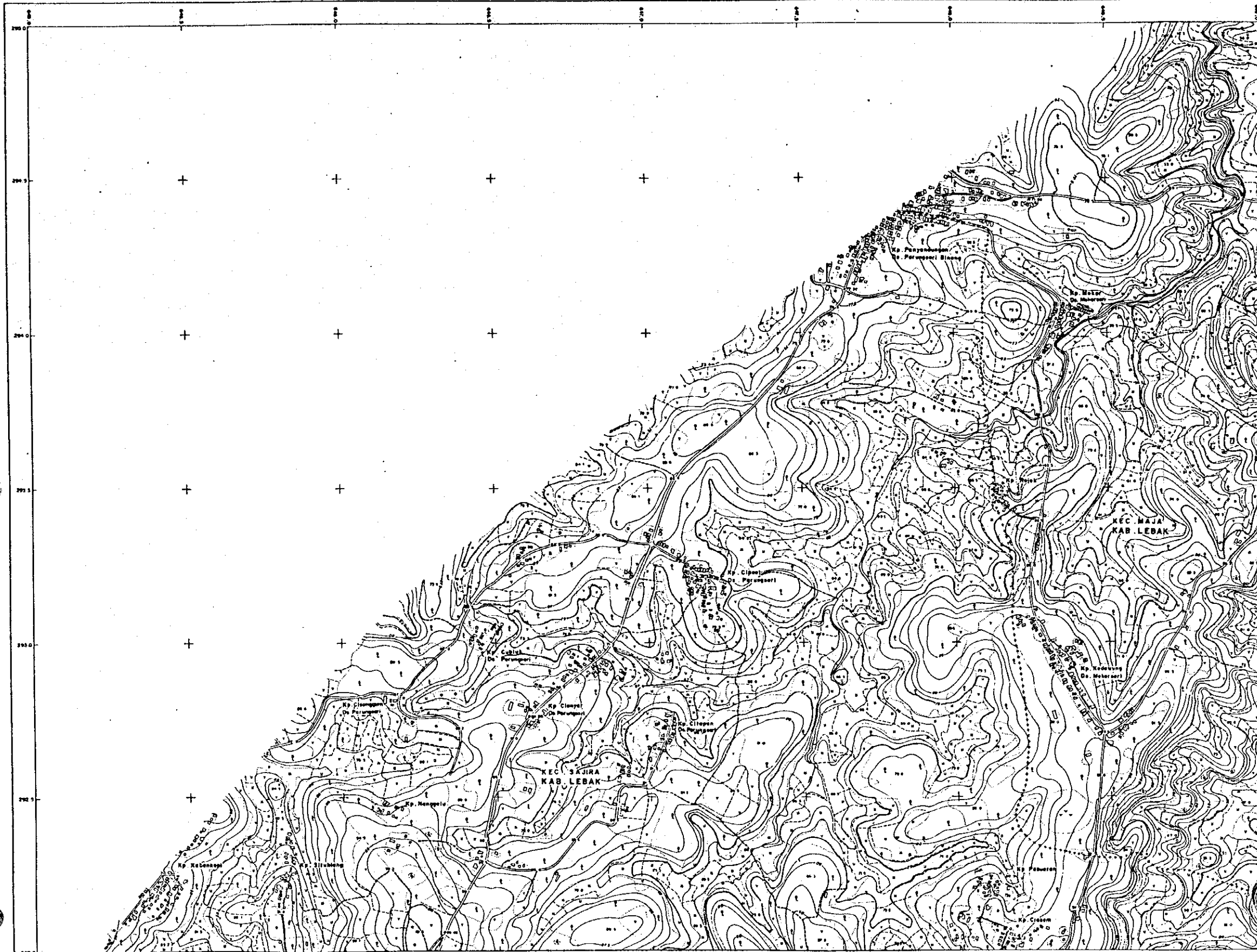
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REPUBLIC OF INDONESIA
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 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

**TOPOGRAPHIC MAP
 CIUJUNG - CIDURIAN
 INTEGRATED WATER RESOURCES
 CONTOUR INTERVAL 5 m**


SCALE 1 : 5.000 JUN 93 - JAN 94 SHEET NOE-1 OF 31

JAPAN INTERNATIONAL COOPERATION AGENCY





SKALA 1: 5.000
SCALE 1: 5,000

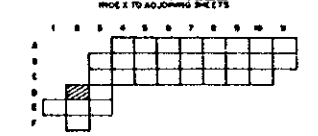


**LEGENDA
LEGEND**

▲	Peak	—	Contour Interval 5m
○	Spot Height	- - -	Contour Interval 10m
□	Building	- - - -	Contour Interval 20m
•	Settlement	- - - - -	Contour Interval 50m
■	Area of Interest	.....	Contour Interval 100m
⊖	Well	.....	Contour Interval 200m
⊙	Cemetery	.....	Contour Interval 500m
⊗	Religious Building	.....	Contour Interval 1000m
⊕	Water Tower	.....	Contour Interval 2000m
⊙	Water Tank	.....	Contour Interval 5000m
⊕	Waterfall	.....	Contour Interval 10000m
⊗	Spring	.....	Contour Interval 20000m
⊕	Stream	.....	Contour Interval 50000m
⊗	Water Course	.....	Contour Interval 100000m
⊕	Canal	.....	Contour Interval 200000m
⊗	Drainage Canal	.....	Contour Interval 500000m
⊕	Ditch	.....	Contour Interval 1000000m
⊗	Road	.....	Contour Interval 2000000m
⊕	Highway	.....	Contour Interval 5000000m
⊗	Railway	.....	Contour Interval 10000000m
⊕	Power Line	.....	Contour Interval 20000000m
⊗	Telephone Line	.....	Contour Interval 50000000m
⊕	Electricity Pylon	.....	Contour Interval 100000000m
⊗	Telephone Pylon	.....	Contour Interval 200000000m
⊕	Water Pylon	.....	Contour Interval 500000000m
⊗	Telegraph Pylon	.....	Contour Interval 1000000000m
⊕	Post Office	.....	Contour Interval 2000000000m
⊗	Post Office Building	.....	Contour Interval 5000000000m
⊕	Police Station	.....	Contour Interval 10000000000m
⊗	Police Station Building	.....	Contour Interval 20000000000m
⊕	Police Station Compound	.....	Contour Interval 50000000000m
⊗	Police Station Enclosure	.....	Contour Interval 100000000000m
⊕	Police Station Wall	.....	Contour Interval 200000000000m
⊗	Police Station Gate	.....	Contour Interval 500000000000m
⊕	Police Station Barracks	.....	Contour Interval 1000000000000m
⊗	Police Station Office	.....	Contour Interval 2000000000000m
⊕	Police Station Warehouse	.....	Contour Interval 5000000000000m
⊗	Police Station Store	.....	Contour Interval 10000000000000m
⊕	Police Station Workshop	.....	Contour Interval 20000000000000m
⊗	Police Station Barracks	.....	Contour Interval 50000000000000m
⊕	Police Station Office	.....	Contour Interval 100000000000000m
⊗	Police Station Warehouse	.....	Contour Interval 200000000000000m
⊕	Police Station Store	.....	Contour Interval 500000000000000m
⊗	Police Station Workshop	.....	Contour Interval 1000000000000000m

REKAMAJUKELAH

INDICES TO ADJOINING SHEETS



Peta ini dibuat secara topografis dari foto udara 1993 skala 1: 50.000 dengan menggunakan sistem proyeksi Universal Transverse Mercator (UTM) dengan datum tahun 1974. Untuk keperluan ini digunakan datum tahun 1974. Untuk keperluan ini digunakan datum tahun 1974. Untuk keperluan ini digunakan datum tahun 1974.

REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

TOPOGRAPHIC MAP
CIUJUNG - CIDURIAN
INTEGRATED WATER RESOURCES
 CONTOUR INTERVAL 5 M

SCALE 1: 5,000 JUN 93 - JAN 94 SHEET NO D-2 OF 31

JAPAN INTERNATIONAL COOPERATION AGENCY

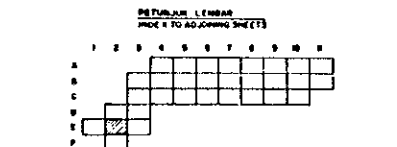


LEGENDA

LEGEND

(Symbol)	Land	(Symbol)	Water
(Symbol)	Water	(Symbol)	Vegetation
(Symbol)	Vegetation	(Symbol)	Buildings
(Symbol)	Buildings	(Symbol)	Infrastructure
(Symbol)	Infrastructure	(Symbol)	Boundaries
(Symbol)	Boundaries	(Symbol)	Other

(Note: The table contains detailed symbols and their corresponding map features in Indonesian and English.)



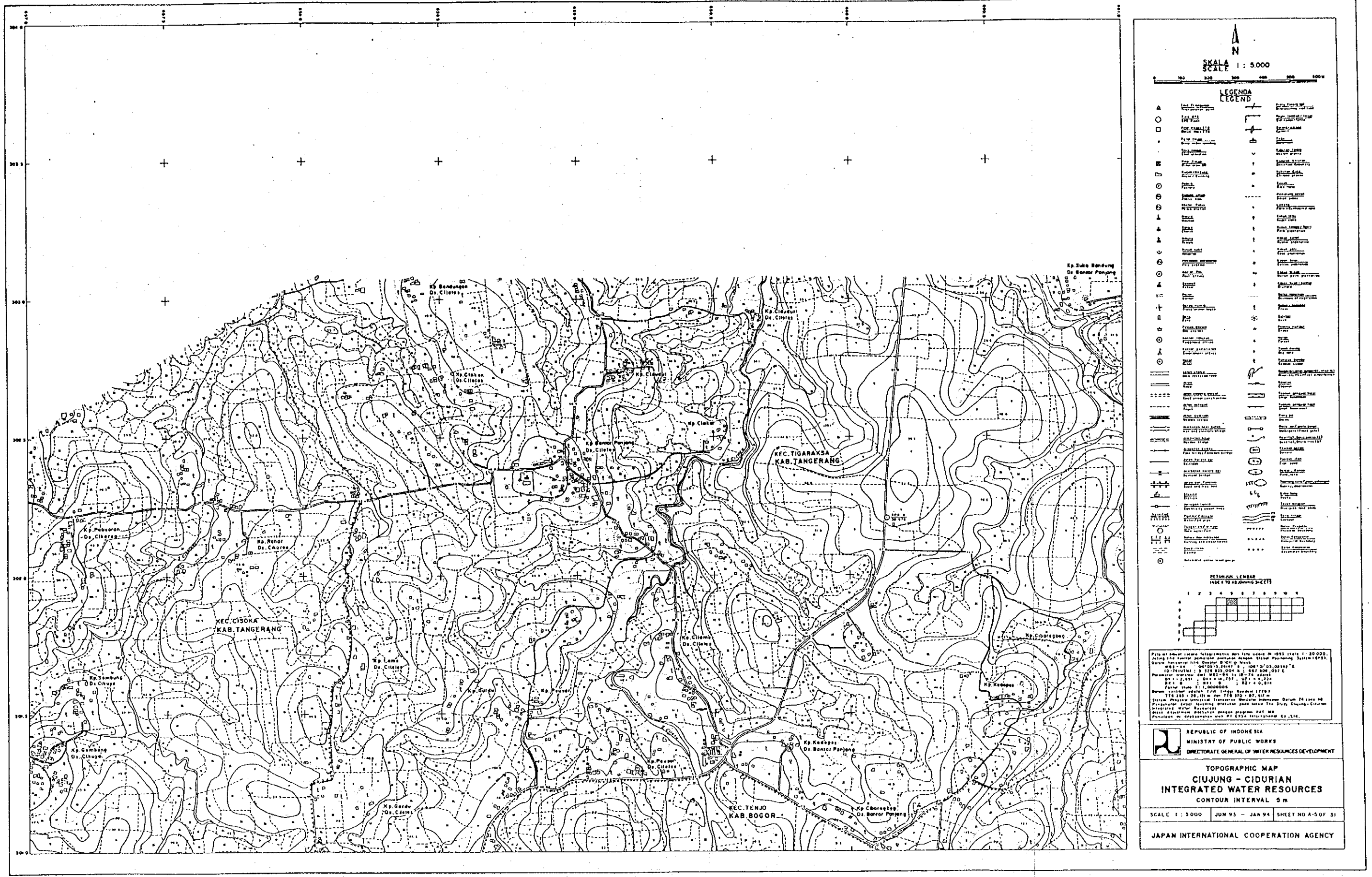
SKALA 1:5.000
 JUN 93 - JAN 94
 SHEET NO. 2 OF 31

REPUBLIC OF INDONESIA
 MINISTRY OF PUBLIC WORKS
 DIRECTORATE GENERAL OF WATER RESOURCES DEVELOPMENT

TOPOGRAPHIC MAP
CIJUNG - CIDURIAN
INTEGRATED WATER RESOURCES
 CONTOUR INTERVAL 5 m

JAPAN INTERNATIONAL COOPERATION AGENCY

A.2 Topographic Map on a Scale of 1:5,000 (12/31)



N
SKALA
SCALE
1 : 5.000

LEGENDA
LEGEND

▲	Peak	▲	Peak
○	Water tower	▲	Peak
□	Settlement	▲	Peak
•	Spot height	▲	Peak
+	Spot height	▲	Peak
⊙	Well	▲	Peak
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⊘	Well	▲	Peak
⊙	Well	▲	Peak
⊕	Well	▲	Peak
⊖	Well	▲	Peak
⊗	Well	▲	Peak
⊘	Well	▲	Peak
⊙	Well	▲	Peak
⊕	Well	▲	Peak
⊖	Well	▲	Peak
⊗	Well	▲	Peak
⊘	Well	▲	Peak
⊙	Well	▲	Peak
⊕	Well	▲	Peak
⊖	Well	▲	Peak
⊗	Well	▲	Peak



SKALA 1 : 5000
SCALE 1 : 5000

N

LEGENDA
LEGEND

▲	Peak (Elevation)	▲	Peak (Elevation)
○	Spot Height	—+—	Boundary
□	Water Tank	—+—	Boundary
●	Well	—+—	Boundary
■	Water Tower	—+—	Boundary
◻	Water Tank	—+—	Boundary
○	Water Tank	—+—	Boundary
●	Water Tank	—+—	Boundary
▲	Water Tank	—+—	Boundary
○	Water Tank	—+—	Boundary
●	Water Tank	—+—	Boundary
▲	Water Tank	—+—	Boundary
○	Water Tank	—+—	Boundary
●	Water Tank	—+—	Boundary
▲	Water Tank	—+—	Boundary
○	Water Tank	—+—	Boundary
●	Water Tank	—+—	Boundary
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○	Water Tank	—+—	Boundary
●	Water Tank	—+—	Boundary
▲	Water Tank	—+—	Boundary
○	Water Tank	—+—	Boundary
●	Water Tank	—+—	Boundary

PETA DAN LEGENDA
INDEX TO ADJOINING SHEETS

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20

Peta ini dibuat secara fotogrametris dari foto udara tahun 1953 dengan skala 1 : 20.000 dengan menggunakan peralatan dan teknik standar yang ditetapkan oleh Departemen Pekerjaan Umum dan Departemen Pertahanan dan Angkatan Laut. Koordinat UTM, Datum 1959, Zona 49S, 10° 00' 00" LU, 101° 00' 00" BT. Elevasi: 0 20 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500 520 540 560 580 600 620 640 660 680 700 720 740 760 780 800 820 840 860 880 900 920 940 960 980 1000 1020 1040 1060 1080 1100 1120 1140 1160 1180 1200 1220 1240 1260 1280 1300 1320 1340 1360 1380 1400 1420 1440 1460 1480 1500 1520 1540 1560 1580 1600 1620 1640 1660 1680 1700 1720 1740 1760 1780 1800 1820 1840 1860 1880 1900 1920 1940 1960 1980 2000 2020 2040 2060 2080 2100 2120 2140 2160 2180 2200 2220 2240 2260 2280 2300 2320 2340 2360 2380 2400 2420 2440 2460 2480 2500 2520 2540 2560 2580 2600 2620 2640 2660 2680 2700 2720 2740 2760 2780 2800 2820 2840 2860 2880 2900 2920 2940 2960 2980 3000 3020 3040 3060 3080 3100 3120 3140 3160 3180 3200 3220 3240 3260 3280 3300 3320 3340 3360 3380 3400 3420 3440 3460 3480 3500 3520 3540 3560 3580 3600 3620 3640 3660 3680 3700 3720 3740 3760 3780 3800 3820 3840 3860 3880 3900 3920 3940 3960 3980 4000 4020 4040 4060 4080 4100 4120 4140 4160 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