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No.

THE STUDY ON INTEGRATED RURAL DEVELOPMENT PROJECT

FINAL REPORT

VOLUME V

DATA BOOK

JAPAN INTERNATIONAL COOPERATION AGENCY

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

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FEBRUARY 1995

NIPPON KOEI CO., LTD.
TOKYO, JAPAN

THE STUDY ON CIUJUNG-CIDURIAN INTEGRATED WATER RESOURCES

COMPOSITION OF REPORTS

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Volume II : Main Report

Volume III : Supporting Report

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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
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B. Hydrological Data in the Ciujung and Cidurian River Basins
C. Geotechnical Data along the Karian-Serpong Conveyance System

EXCHANGE RATE

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as of August, 1994

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THE STUDY

ON

CIUJUNG-CIDURIAN INTEGRATED WATER RESOURCES

DATA BOOK

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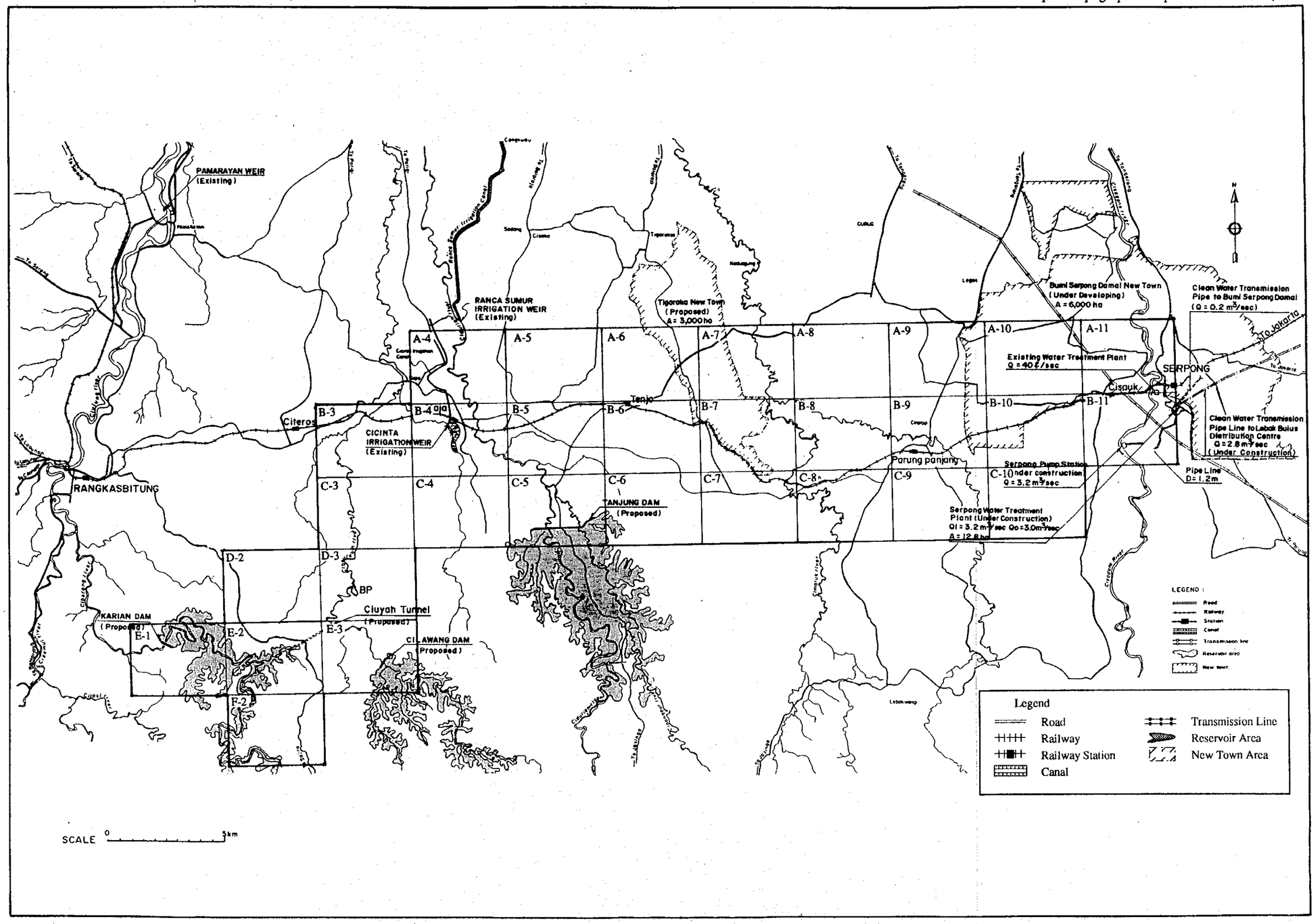
PAMARAYAN WEIR
(Existing)
RANCA SUMUR
IRRIGATION WEIR
(Existing)
Tigoraka New Town
(Proposed)
A= 3,000 ha
Bumi Serpong Damai New Town
(Under Developing)
A = 6,000 ha
Clean Water Transmission
Pipe to Bumi Serpong Damai
(Q = 0.2 m³/sec)
To Jakarta
Existing Water Treatment Plant
Q = 40 ℓ/sec
SERPONG
Cisauk
Tenjo
Citeros
CICINTA
IRRIGATION WEIR
(Existing)
Clean Water Transmission
Pipe Line to Labak Bulus
Distribution Centre
Q = 2.8 m³/sec
(Under Construction)
Parung panjang
Serpong Pump Station
Under construction
Q = 3.2 m³/sec
Pipe Line
D= 1.2m
RANGKASBITUNG
TANJUNG DAM
(Proposed)
Serpong Water Treatment
Plant (Under Construction)
Qi = 3.2 m³/sec Qo = 3.0m³/sec
A = 12.8 ha
BP
Ciuyah Tunnel
(Proposed)
KARIAN DAM
(Proposed)
CI. AWANG DAM
(Proposed)
LEGEND :
Road
Railway
Station
Canal
Transmission line
Reservoir area
New town
Legend
Road
Railway
Railway Station
Canal
Transmission Line
Reservoir Area
New Town Area
SCALE 0 5km

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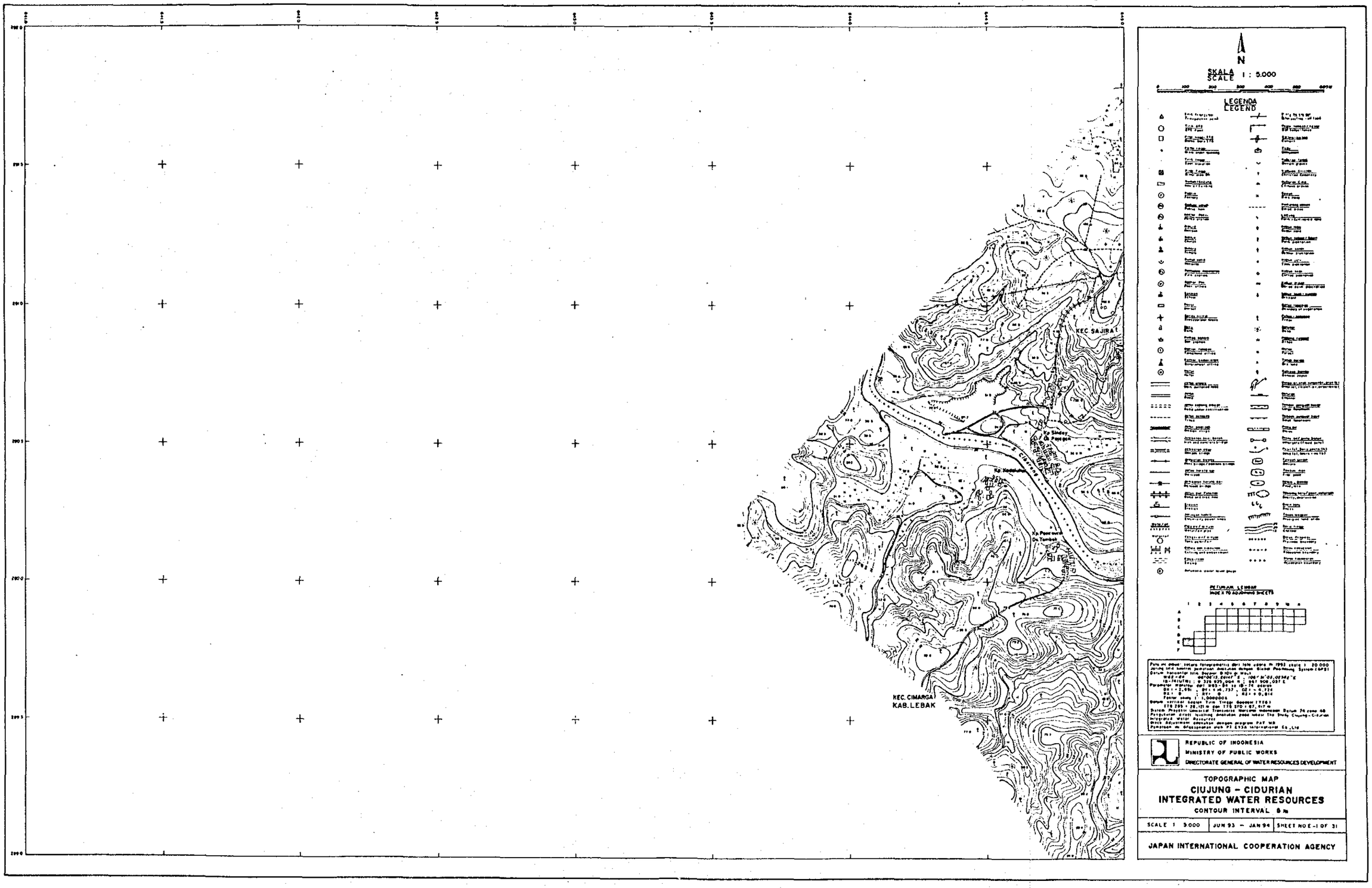
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KEC. CIMARGA
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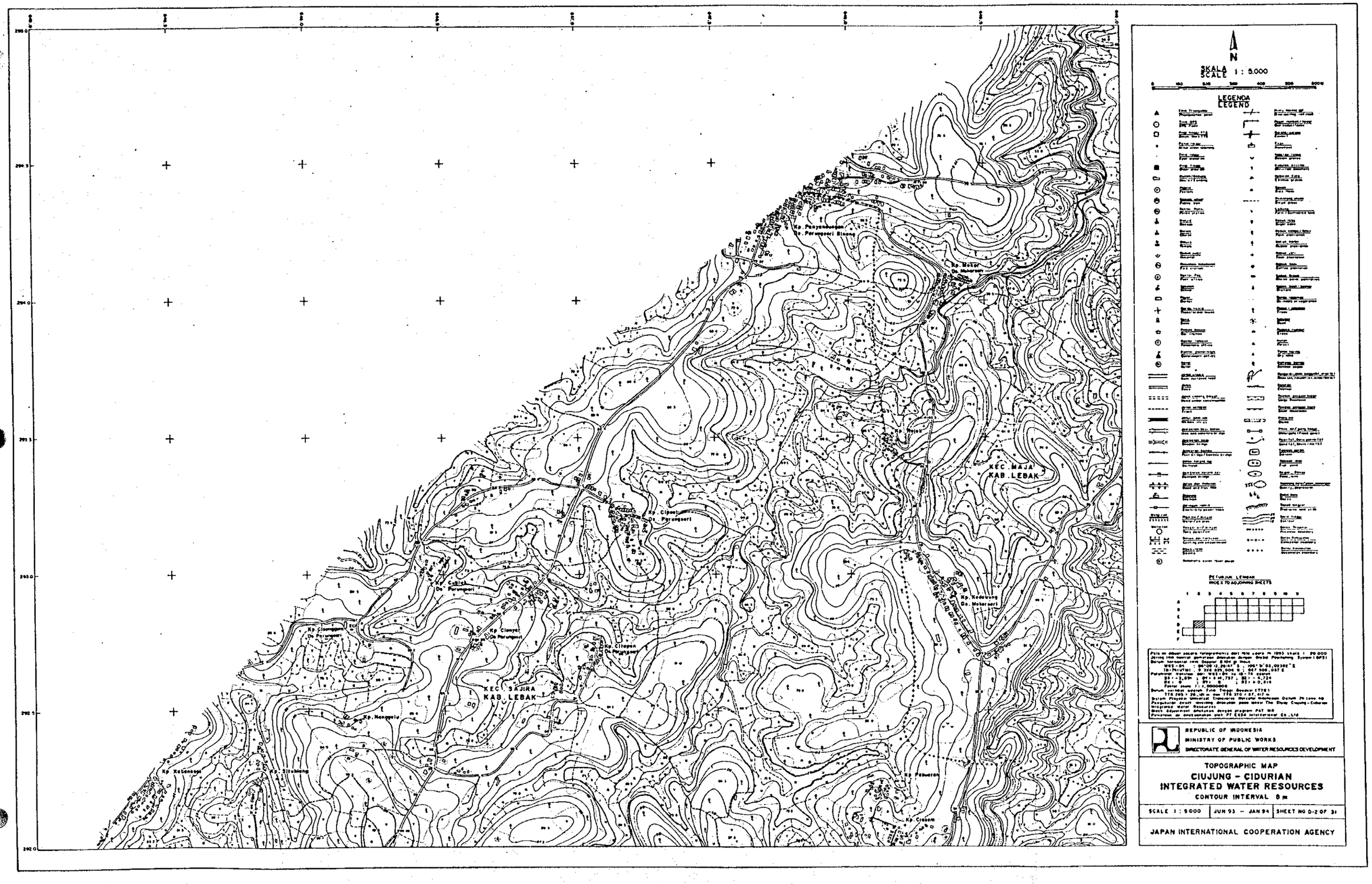
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KEC. SAJIRA
KAB. LEBAK
Kp. Cibuluh
Kp. Cibeuyeut
Kp. Cibuntu
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Kp. Cibeber

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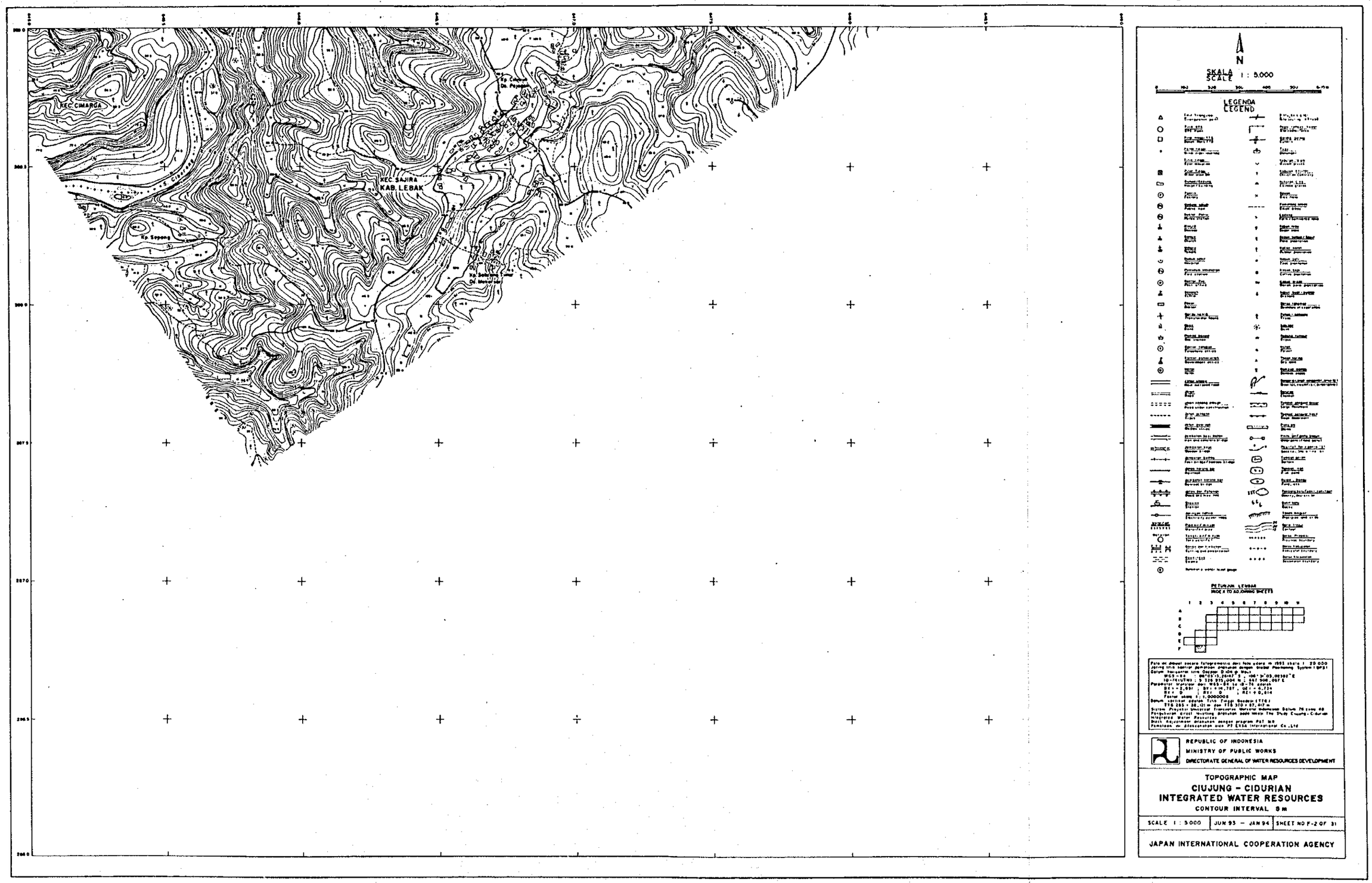
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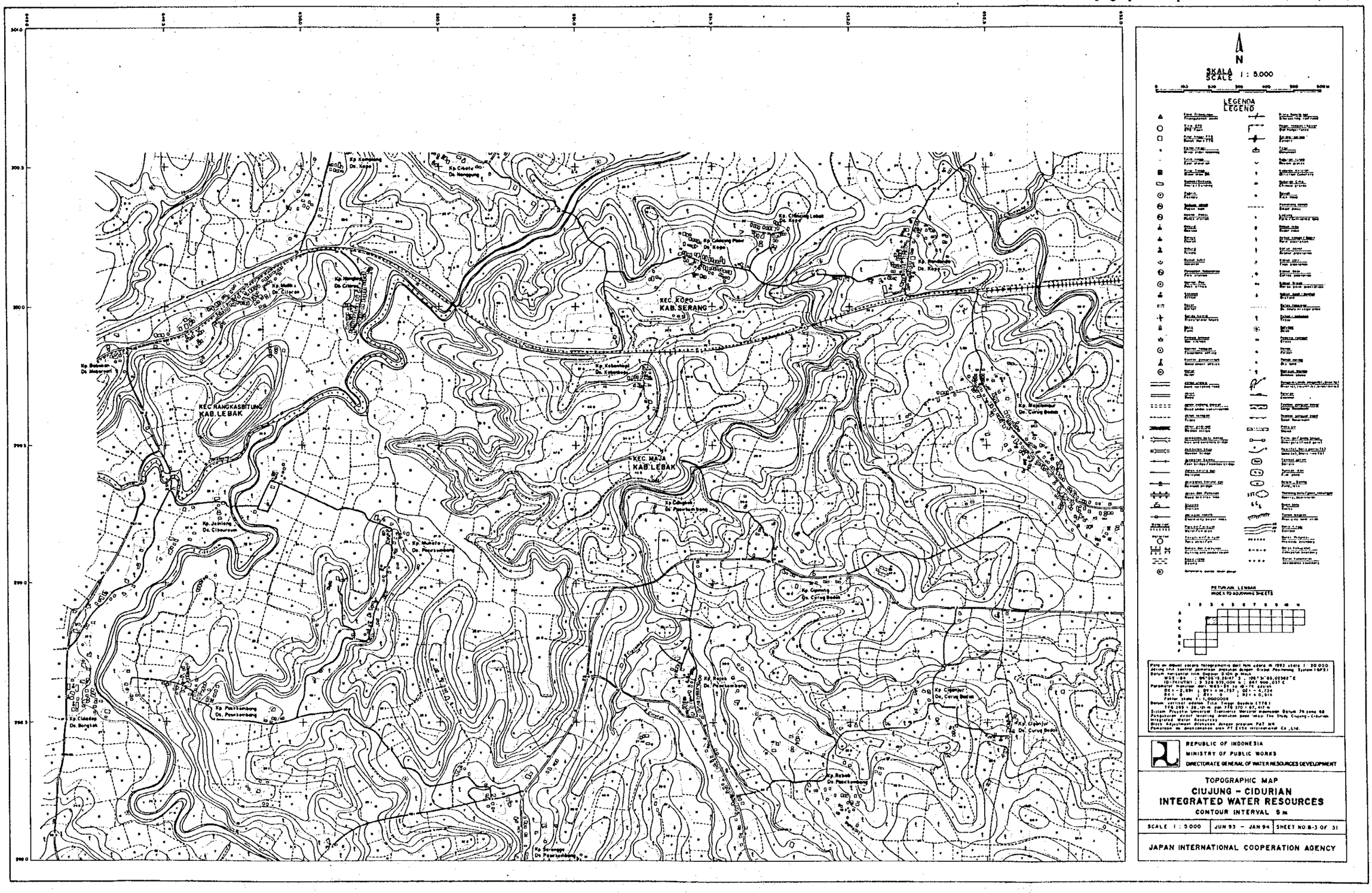
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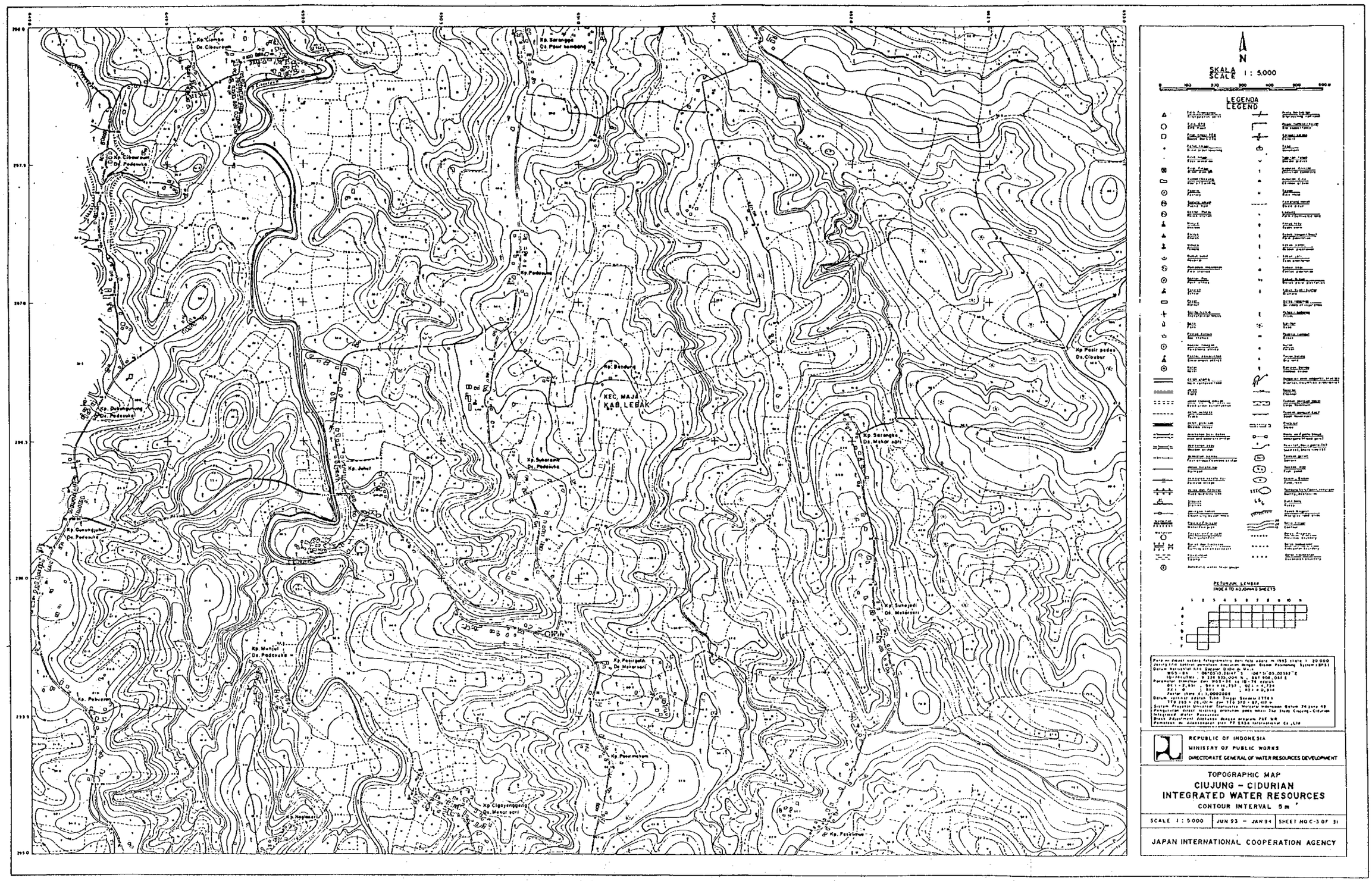
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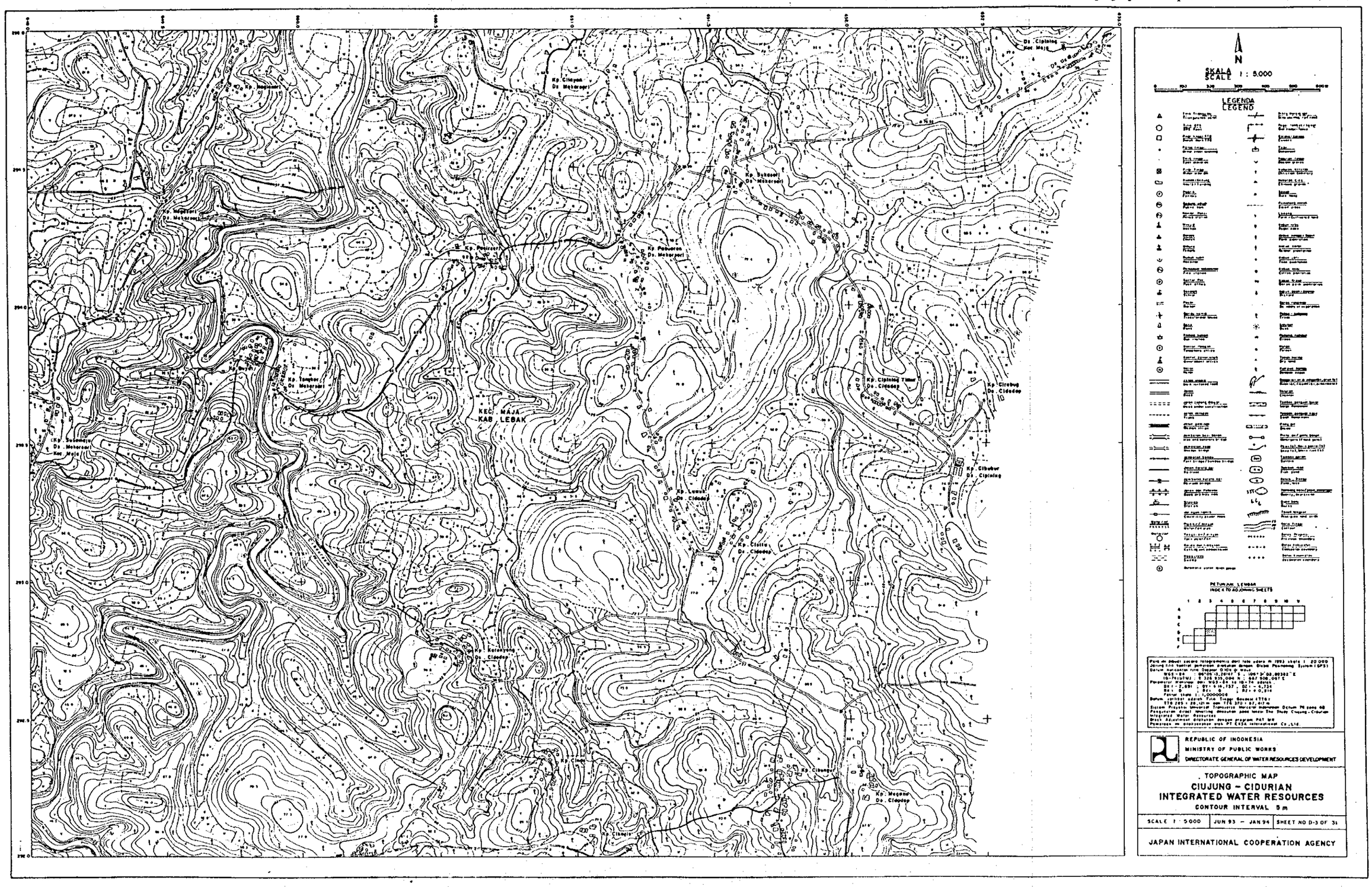
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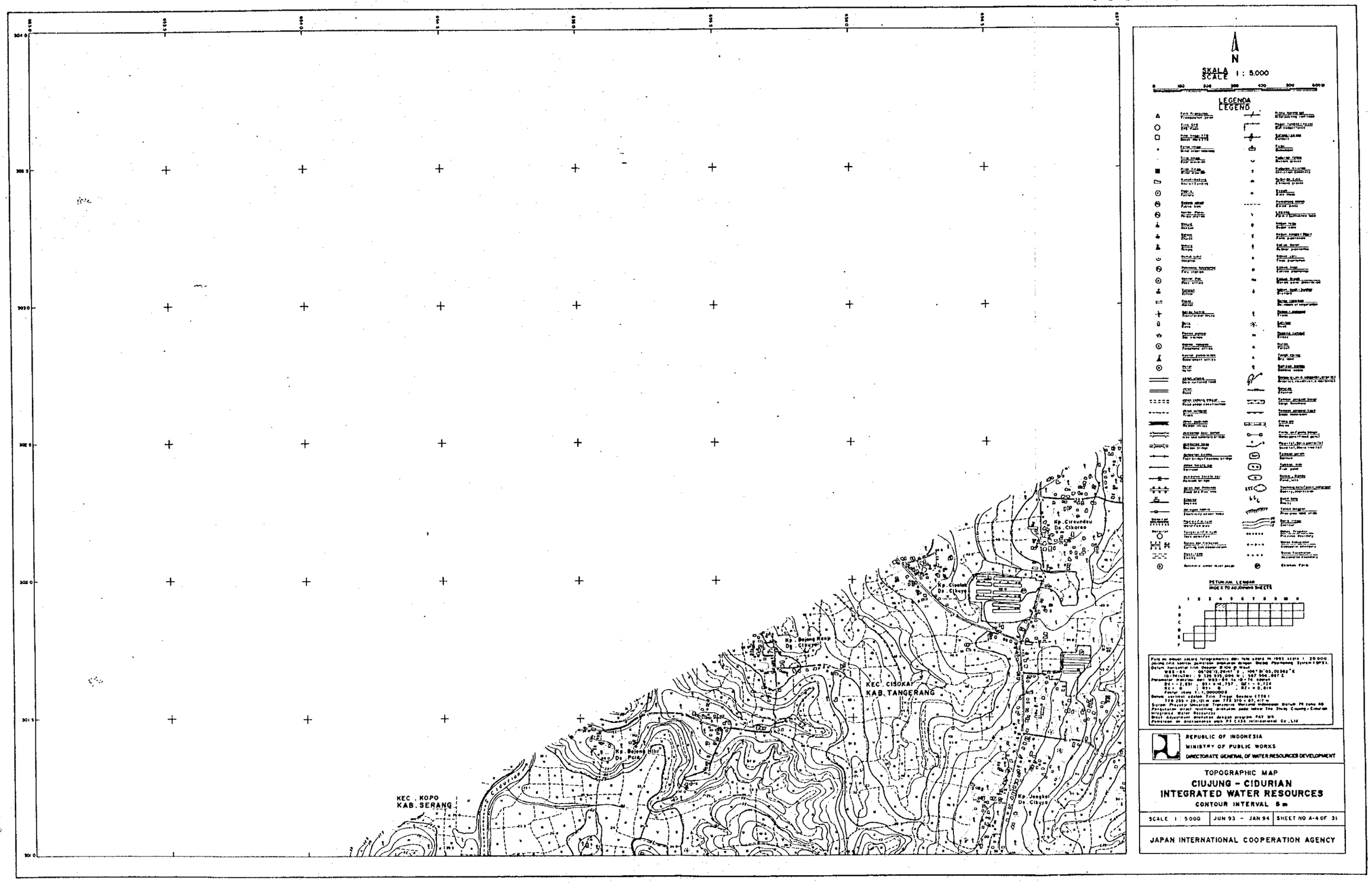
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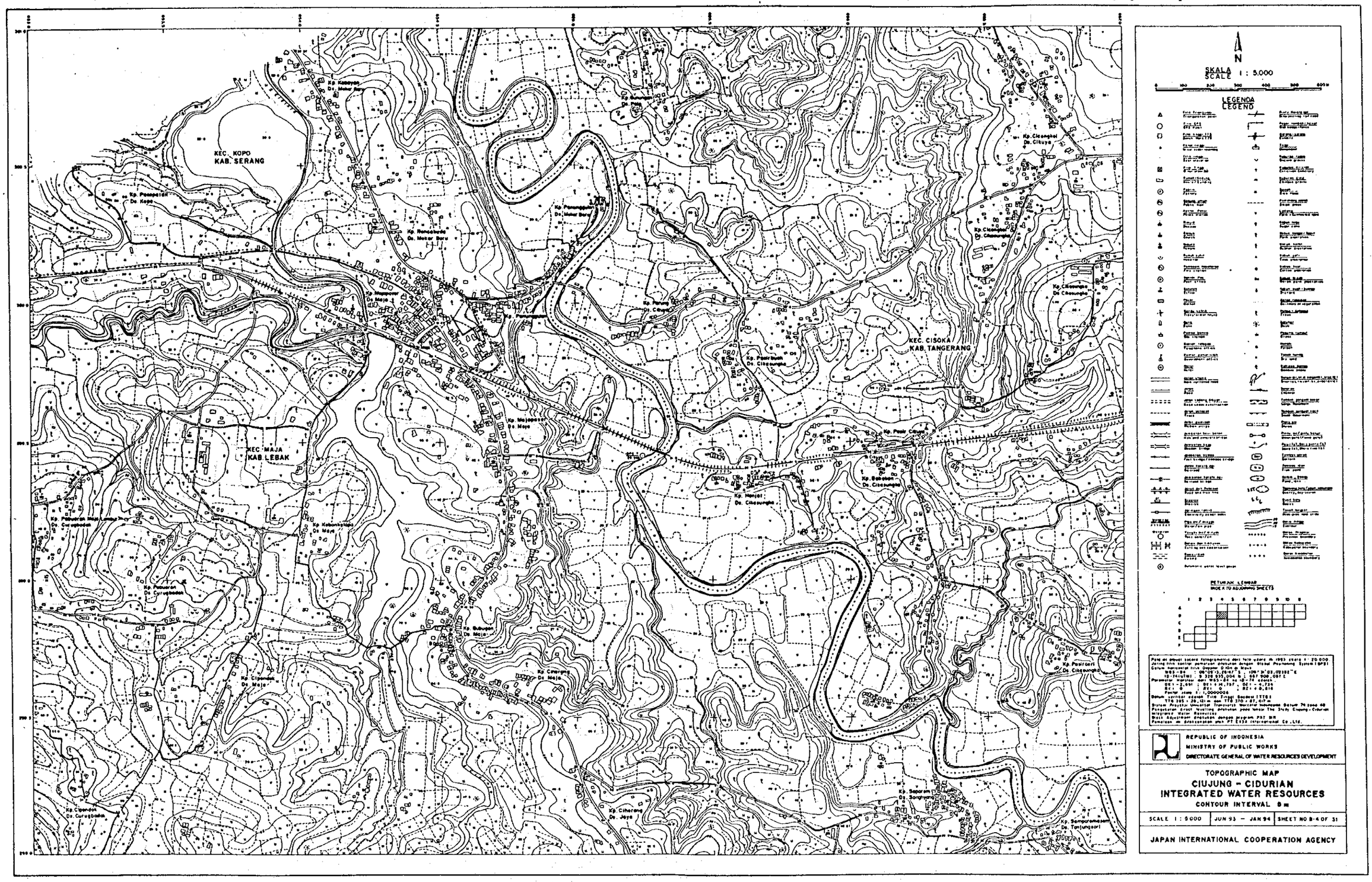
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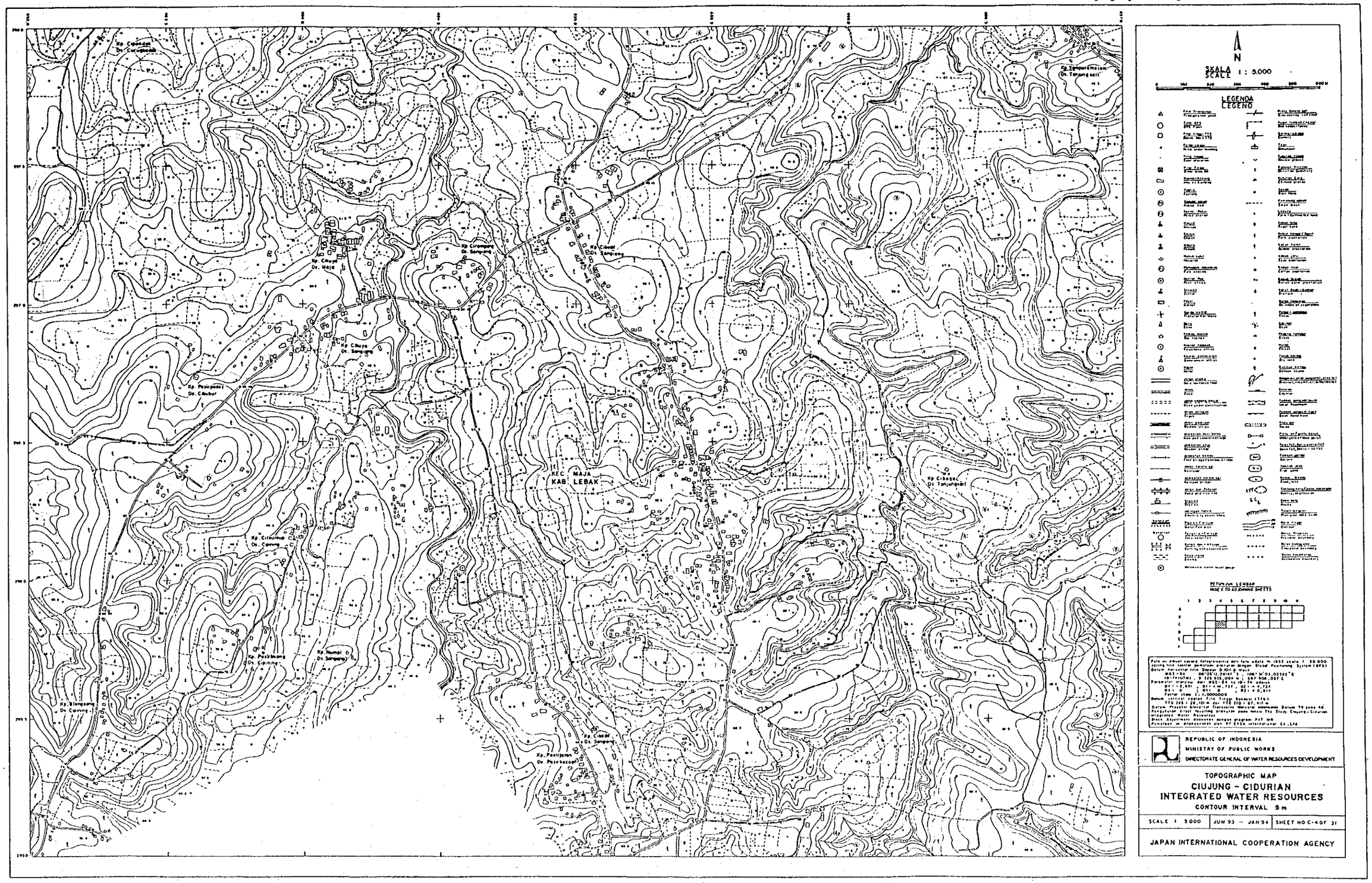
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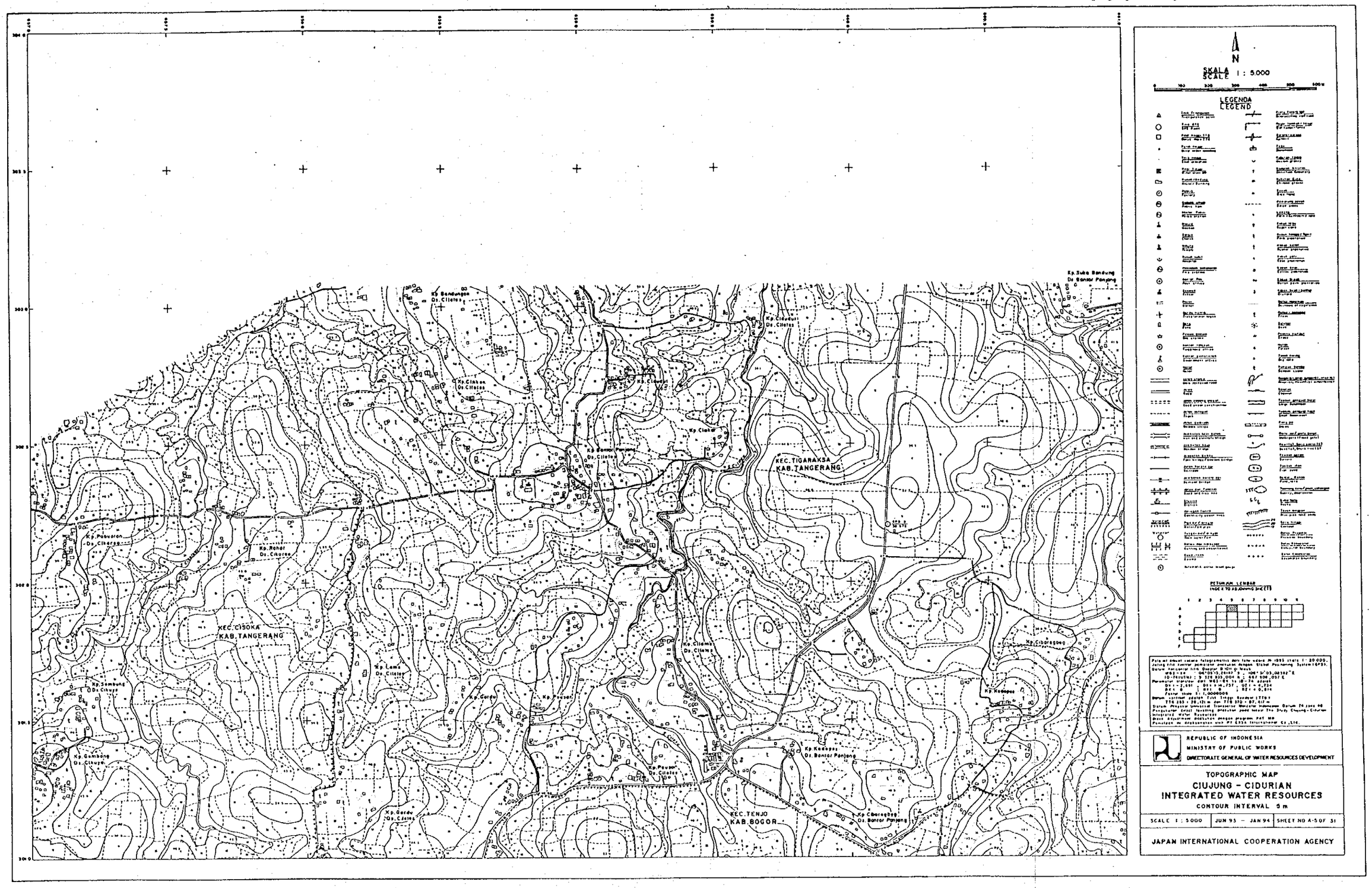
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Kp. Ciladur
Ds. Citeras
Kp. Sukabandung
Ds. Bantar Panjang
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Kp. Pasar
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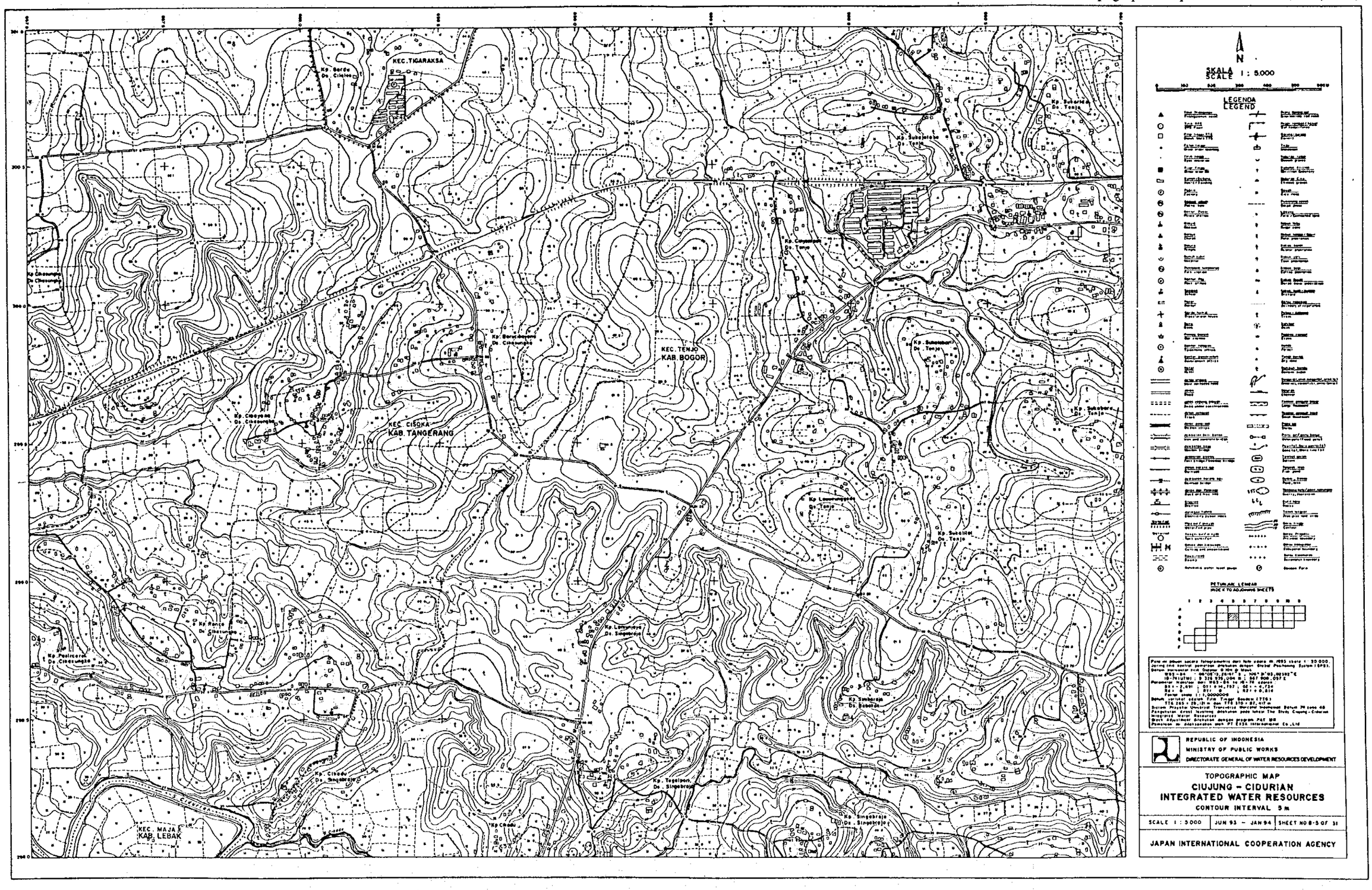
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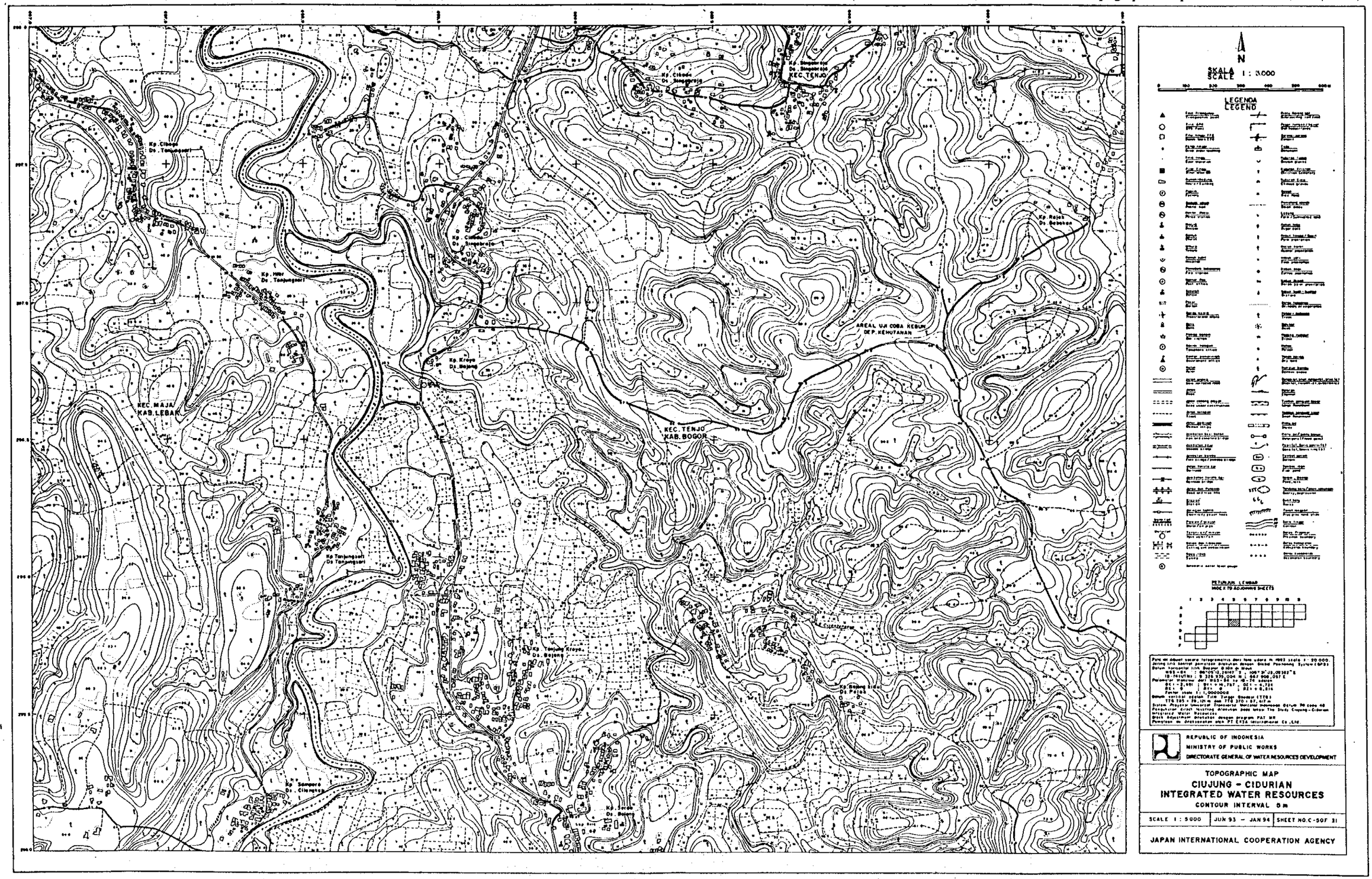
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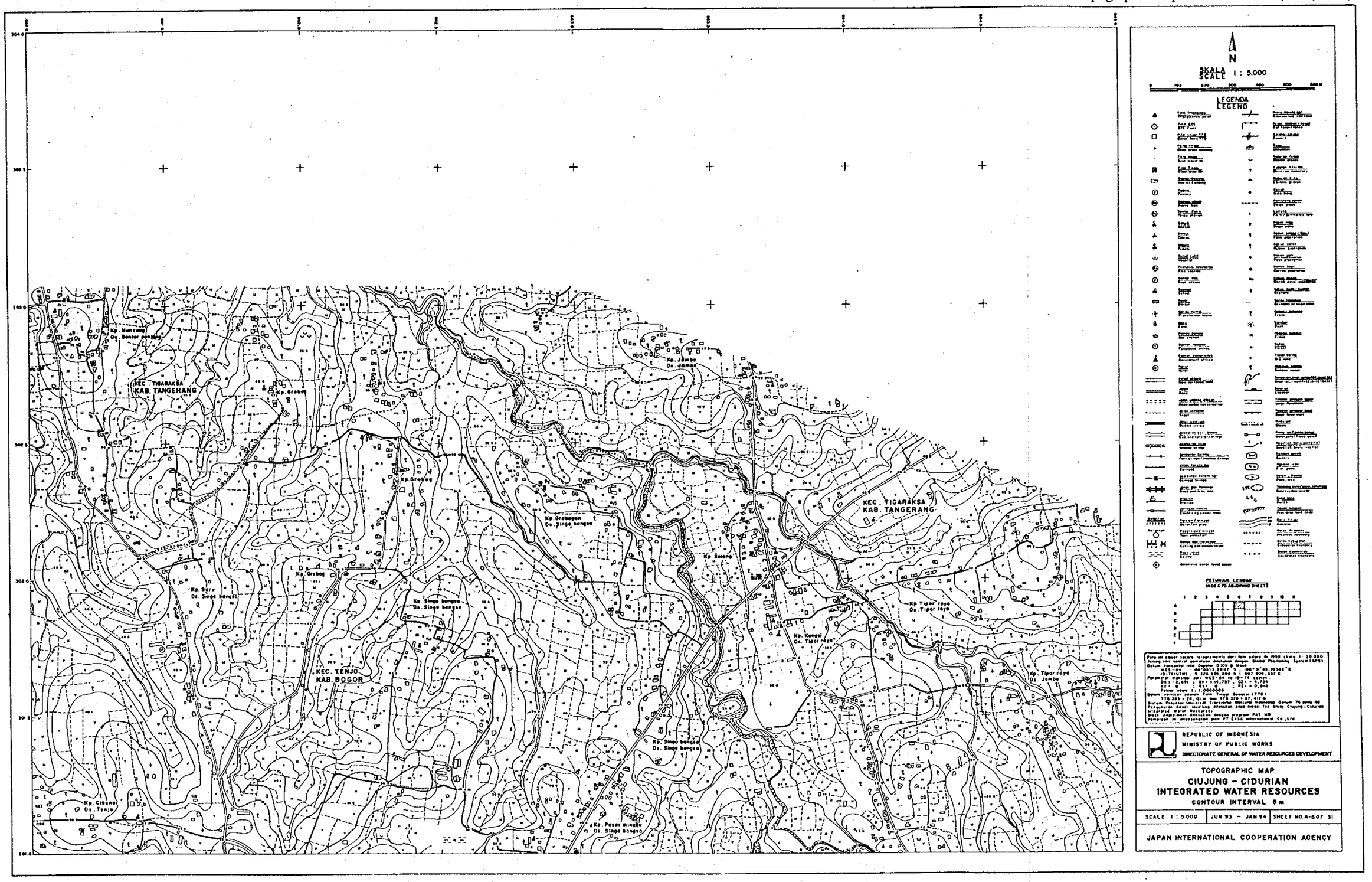
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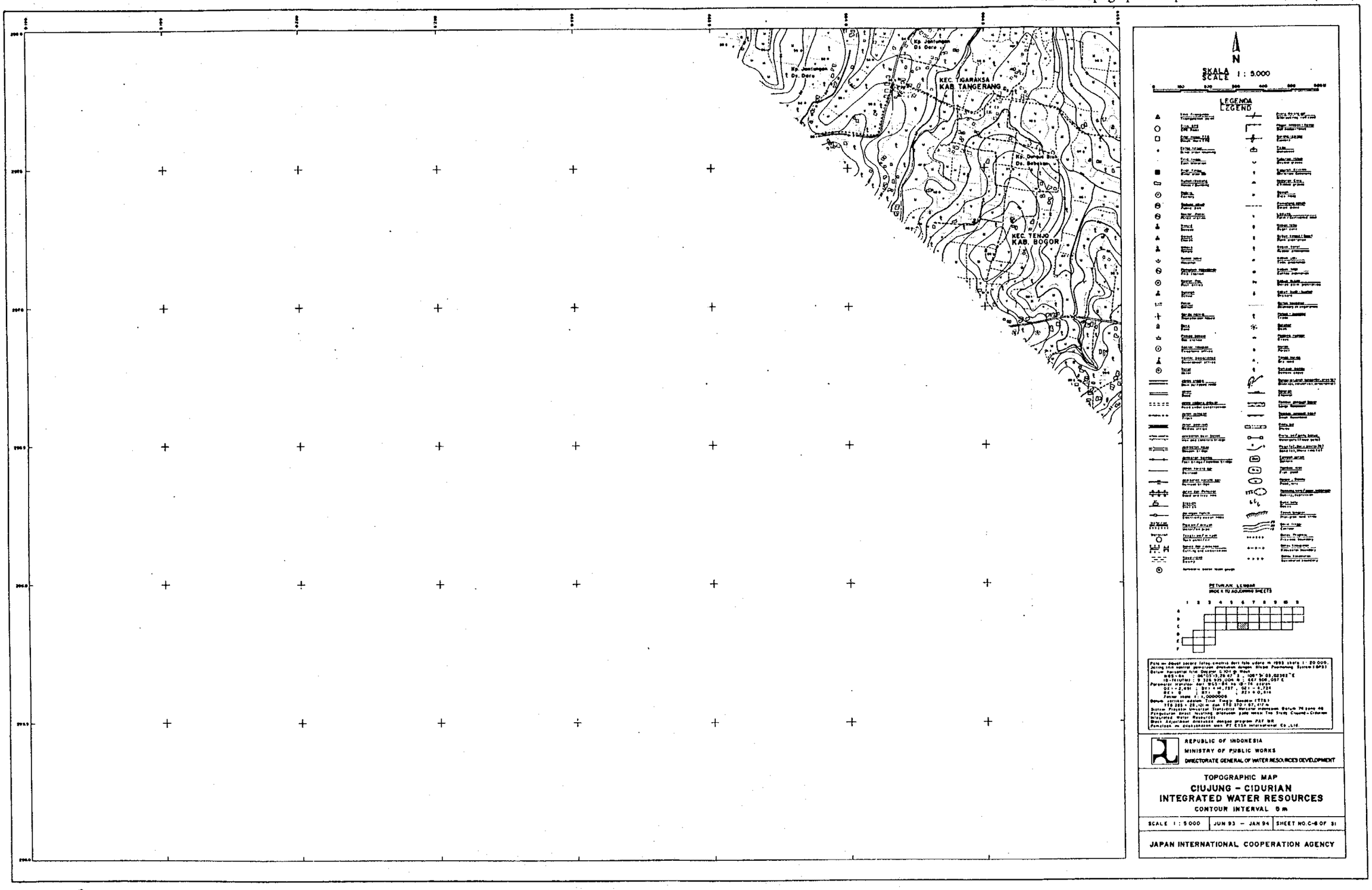
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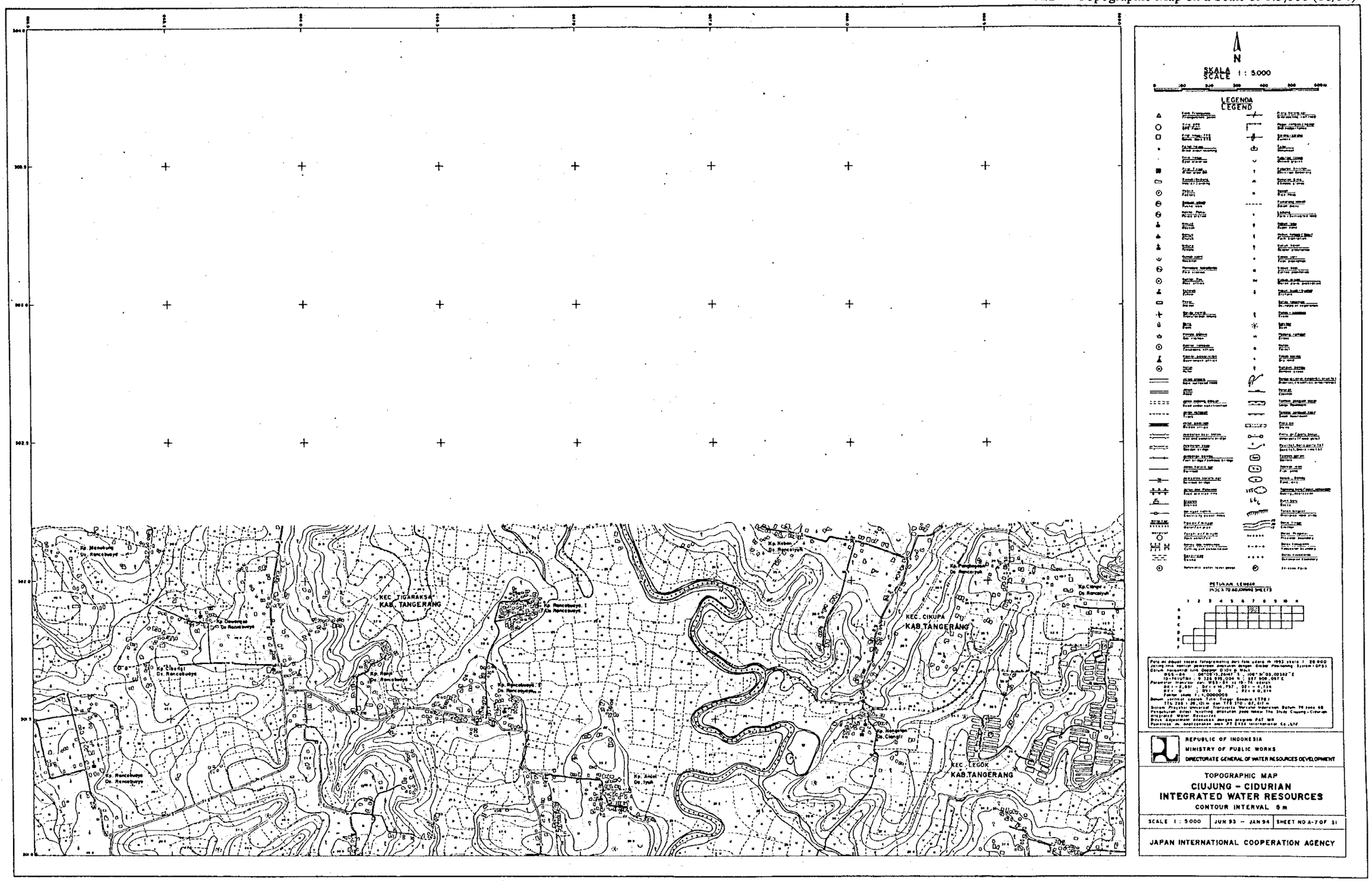
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