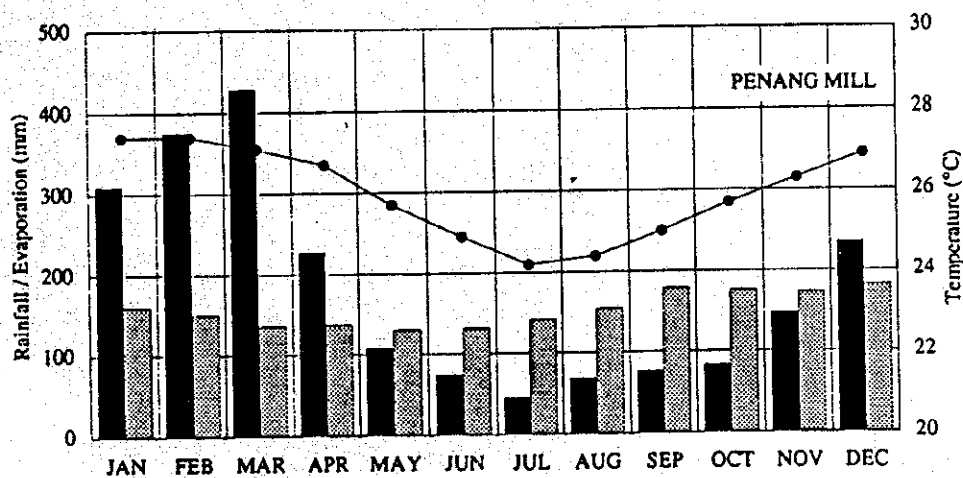
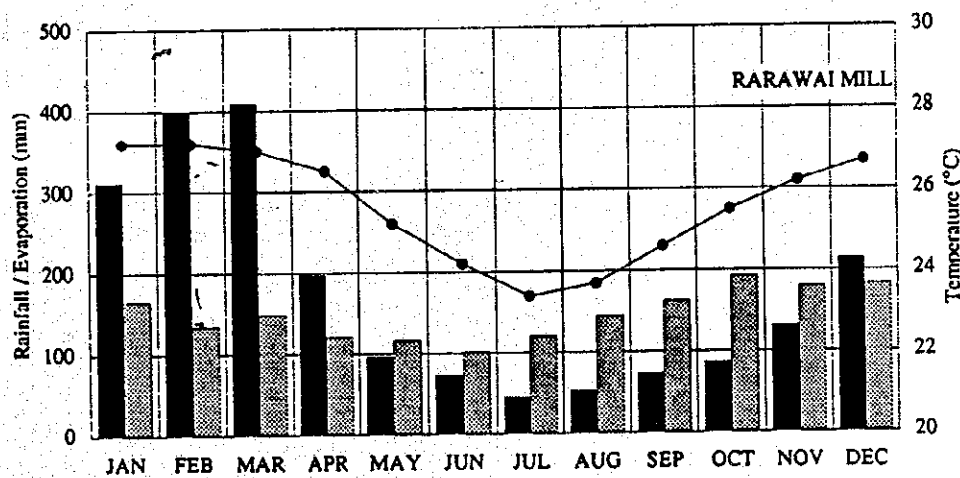
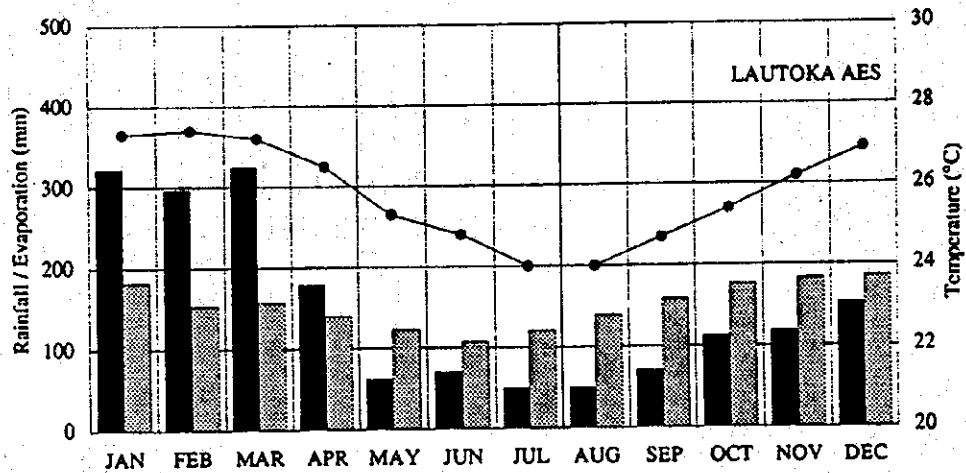


## 附图

Handwritten text, possibly a signature or name, located in the upper left quadrant of the page.

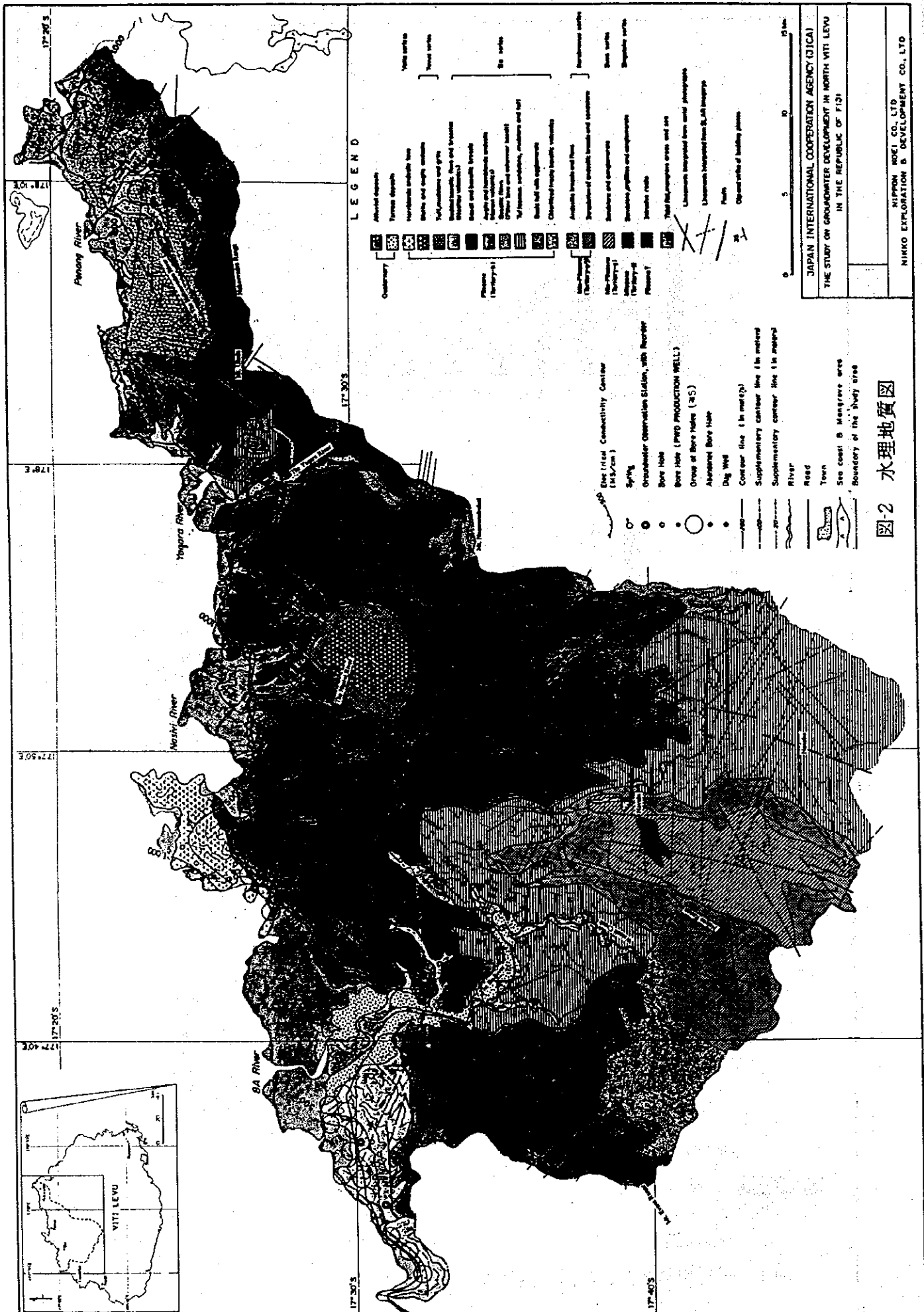


LEGEND

- Rainfall
- Evaporation
- Temperature

图-1 年平均降水量、气温、蒸発量

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH VITI LEVU IN THE REPUBLIC OF FIJI	
Fig.	
NIPPON KOEI GO., LTD NIKKO EXPLORATION & DEVELOPMENT CO., LTD	



LEGEND

- Quaternary**
  - 100 Alluvial deposits
  - 101 Terrace deposits
  - 102 Volcanic tephra
  - 103 Sand and silt
  - 104 Sand and silt with gravel
  - 105 Sand and silt with gravel and shells
  - 106 Sand and silt with gravel and shells and coral
  - 107 Sand and silt with gravel and shells and coral and shells
  - 108 Sand and silt with gravel and shells and coral and shells and coral and shells and coral
  - 109 Sand and silt with gravel and shells and coral and shells and coral and shells and coral and shells and coral and shells and coral
- Pluvial (Tertiary)**
  - 200 Alluvial deposits
  - 201 Terrace deposits
  - 202 Volcanic tephra
  - 203 Sand and silt
  - 204 Sand and silt with gravel
  - 205 Sand and silt with gravel and shells
  - 206 Sand and silt with gravel and shells and coral
  - 207 Sand and silt with gravel and shells and coral and shells
  - 208 Sand and silt with gravel and shells and coral and shells and coral
  - 209 Sand and silt with gravel and shells and coral and shells and coral and shells and coral and shells and coral
- Neogene (Tertiary)**
  - 300 Alluvial deposits
  - 301 Terrace deposits
  - 302 Volcanic tephra
  - 303 Sand and silt
  - 304 Sand and silt with gravel
  - 305 Sand and silt with gravel and shells
  - 306 Sand and silt with gravel and shells and coral
  - 307 Sand and silt with gravel and shells and coral and shells
  - 308 Sand and silt with gravel and shells and coral and shells and coral
  - 309 Sand and silt with gravel and shells and coral and shells and coral and shells and coral and shells and coral
- Palaeogene (Tertiary)**
  - 400 Alluvial deposits
  - 401 Terrace deposits
  - 402 Volcanic tephra
  - 403 Sand and silt
  - 404 Sand and silt with gravel
  - 405 Sand and silt with gravel and shells
  - 406 Sand and silt with gravel and shells and coral
  - 407 Sand and silt with gravel and shells and coral and shells
  - 408 Sand and silt with gravel and shells and coral and shells and coral
  - 409 Sand and silt with gravel and shells and coral and shells and coral and shells and coral and shells and coral
- Pluvial (Quaternary)**
  - 500 Alluvial deposits
  - 501 Terrace deposits
  - 502 Volcanic tephra
  - 503 Sand and silt
  - 504 Sand and silt with gravel
  - 505 Sand and silt with gravel and shells
  - 506 Sand and silt with gravel and shells and coral
  - 507 Sand and silt with gravel and shells and coral and shells
  - 508 Sand and silt with gravel and shells and coral and shells and coral
  - 509 Sand and silt with gravel and shells and coral and shells and coral and shells and coral and shells and coral
- Neogene (Quaternary)**
  - 600 Alluvial deposits
  - 601 Terrace deposits
  - 602 Volcanic tephra
  - 603 Sand and silt
  - 604 Sand and silt with gravel
  - 605 Sand and silt with gravel and shells
  - 606 Sand and silt with gravel and shells and coral
  - 607 Sand and silt with gravel and shells and coral and shells
  - 608 Sand and silt with gravel and shells and coral and shells and coral
  - 609 Sand and silt with gravel and shells and coral and shells and coral and shells and coral and shells and coral
- Palaeogene (Quaternary)**
  - 700 Alluvial deposits
  - 701 Terrace deposits
  - 702 Volcanic tephra
  - 703 Sand and silt
  - 704 Sand and silt with gravel
  - 705 Sand and silt with gravel and shells
  - 706 Sand and silt with gravel and shells and coral
  - 707 Sand and silt with gravel and shells and coral and shells
  - 708 Sand and silt with gravel and shells and coral and shells and coral
  - 709 Sand and silt with gravel and shells and coral and shells and coral and shells and coral and shells and coral

- Line (100) Conductivity Contour (MS/cm)
- Spring
- Groundwater Observation Station, with Recorder
- Bore Hole
- Bore Hole (PMD PRODUCTION WELL)
- Group of Bore Holes (3-5)
- Abandoned Bore Hole
- Dug Well
- Contour line (1 in meter)
- Supplementary contour line (1 in meter)
- Supplementary contour line (1 in meter)
- River
- Head
- Town
- Sea coast & Mangrove area
- Boundary of the study area

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH VITI LEVU  
 IN THE REPUBLIC OF FIJI

NIPPON ROEI CO., LTD.  
 NIKKO EXPLORATION & DEVELOPMENT CO., LTD.

図-2 水理地質図

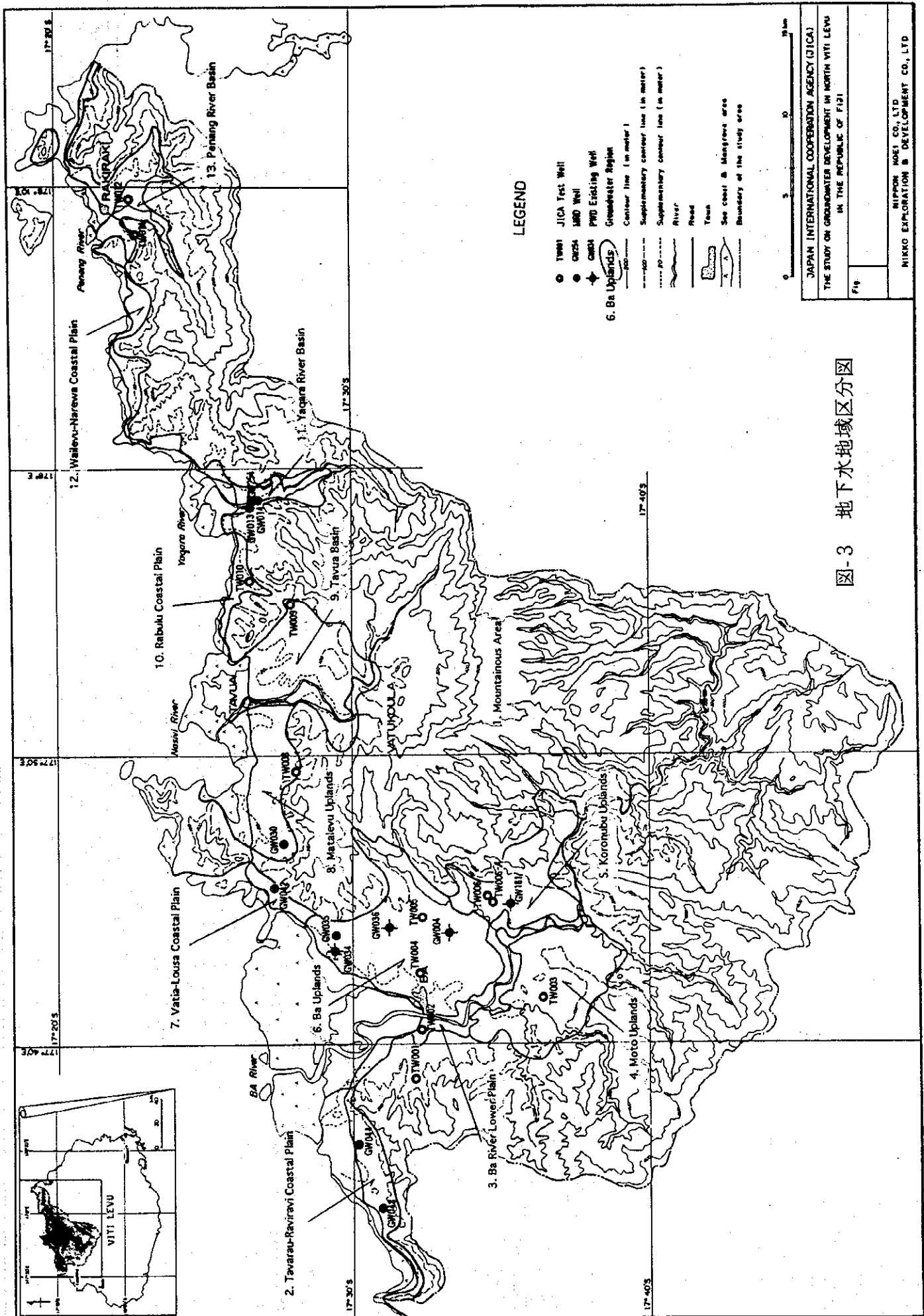


图-3 地下水地区分图

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH VITI LEVU  
 IN THE REPUBLIC OF FIJI

Fig

NIPPON KOGI CO., LTD.  
 NIKKO EXPLORATION & DEVELOPMENT CO., LTD.

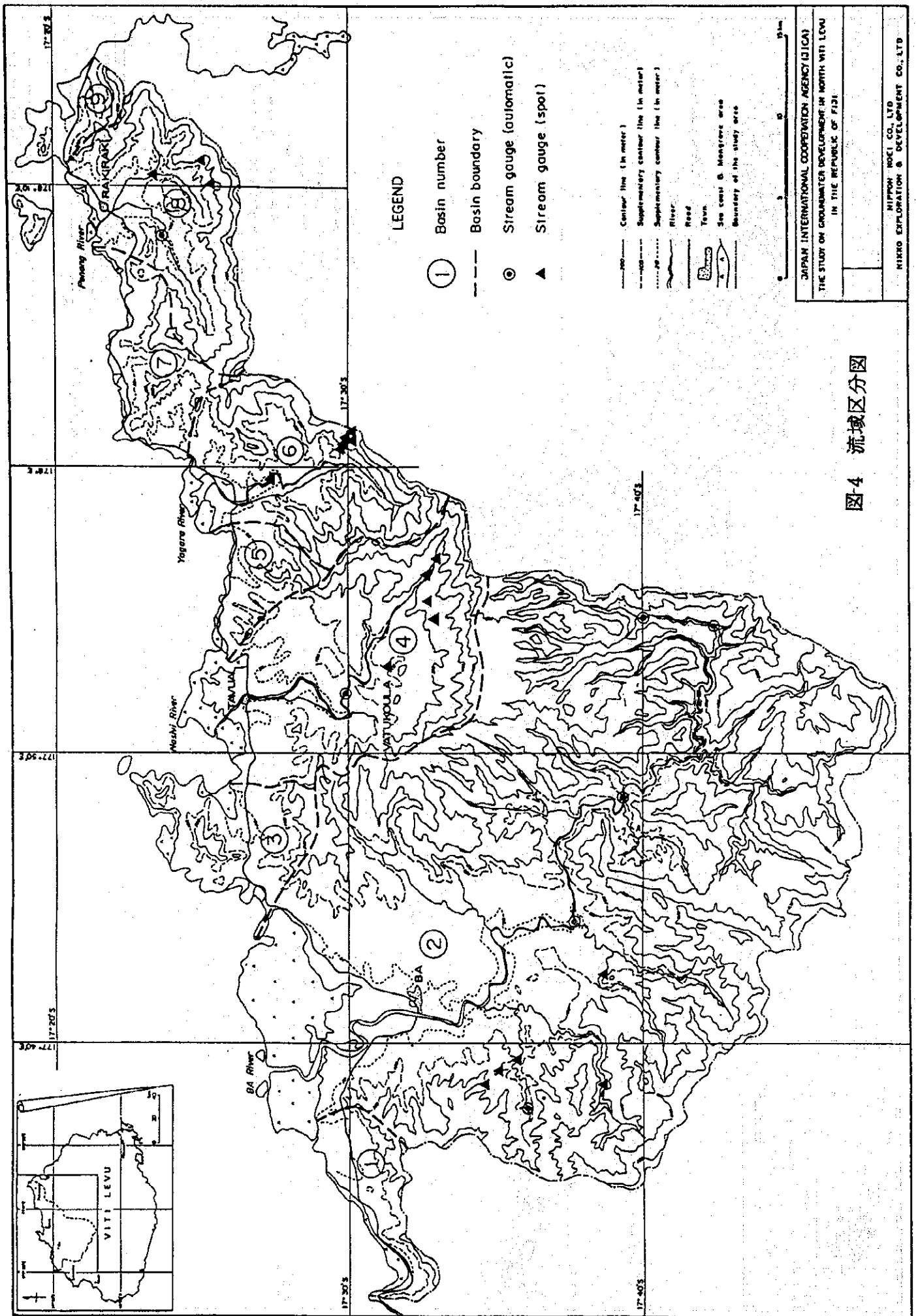
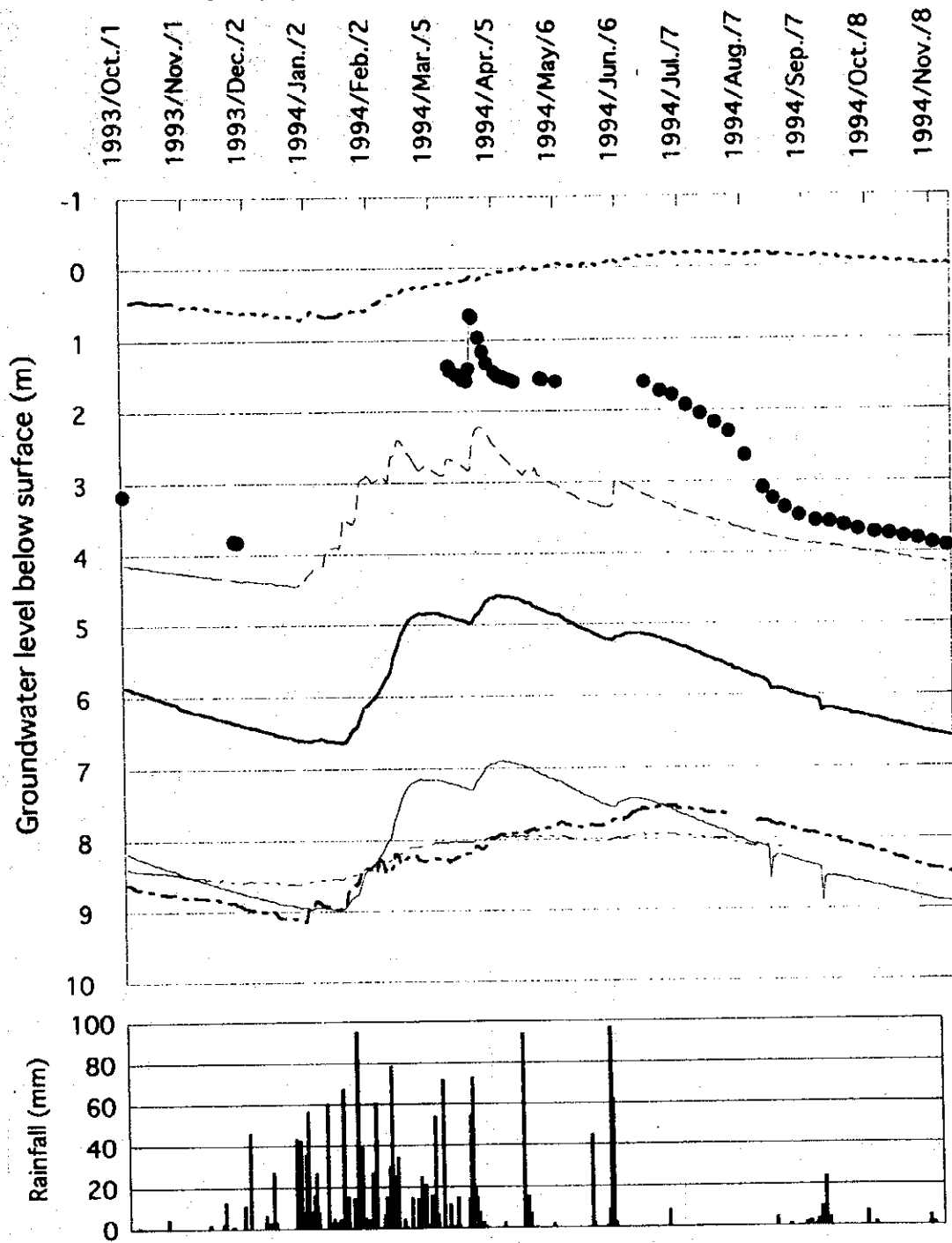


图-4 流域区分图

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
 THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH VITI LEVU  
 IN THE REPUBLIC OF FIJI

NIPPON KOGI CO., LTD.  
 NIKKO EXPLORATION & DEVELOPMENT CO., LTD.

Hydrographs of MRD observation wells (Oct.1993 - Nov.1994)



Daily rainfall in Ba (Oct. 1993-Nov.1994)

Legend:

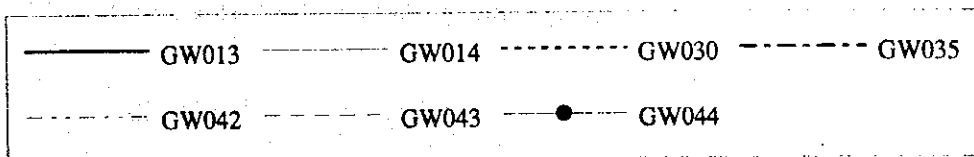
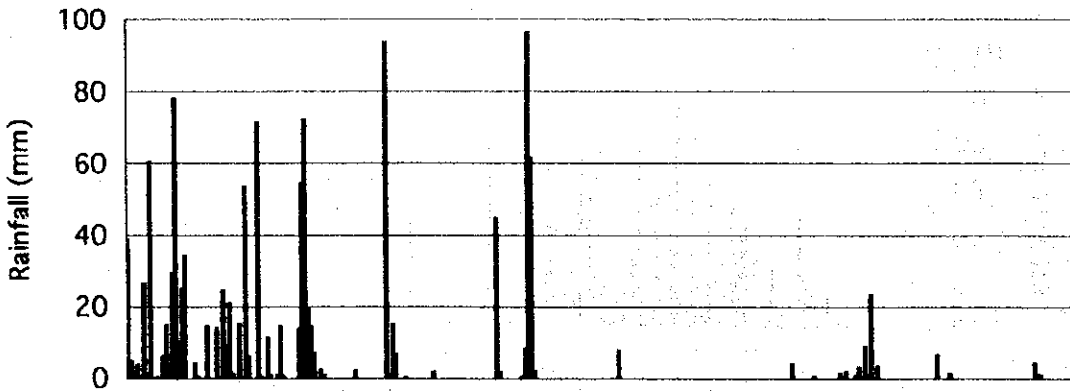
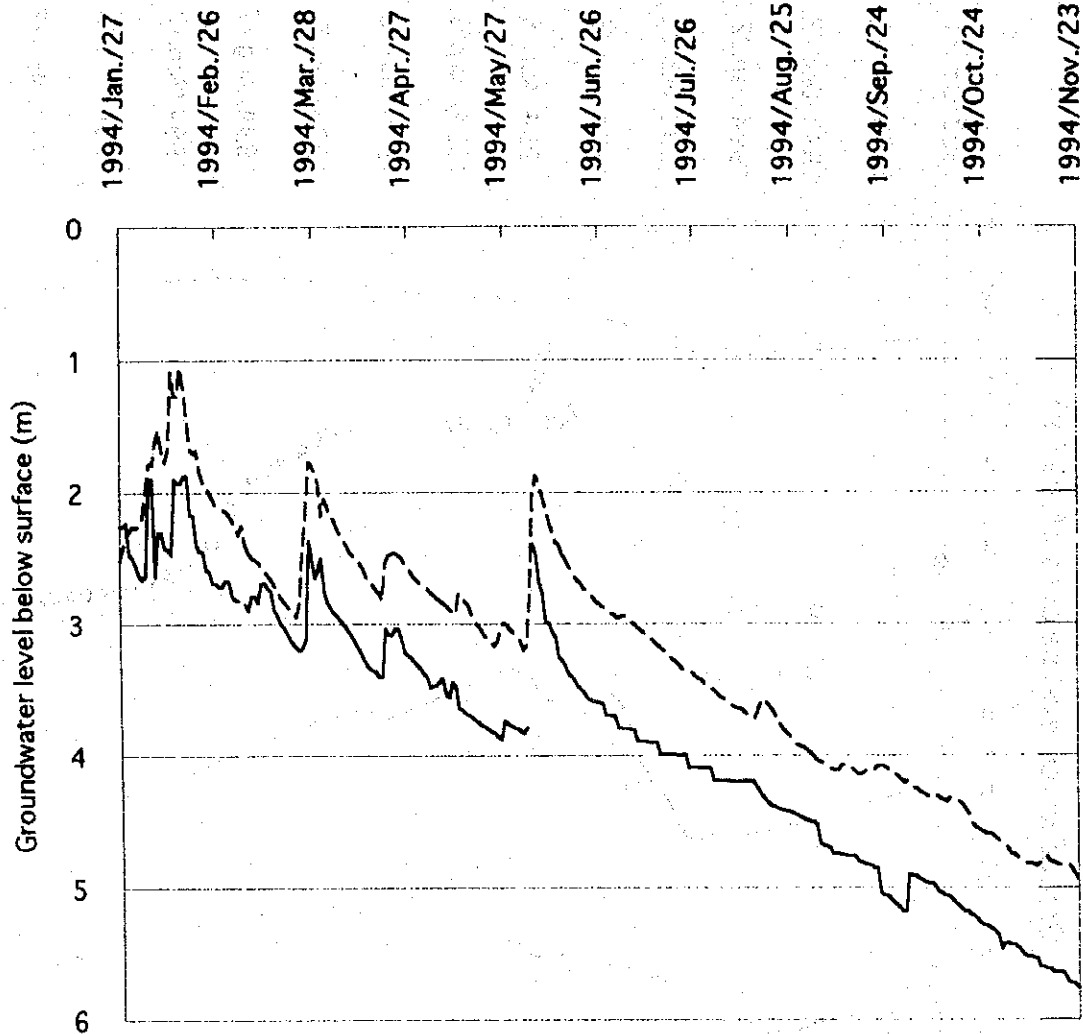


図5 MRD観測井戸ハイドログラフ

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH VITI LEVU IN THE REPUBLIC OF FIJI	
Fig.	
NIPPON KOEI CO., LTD NIKKO EXPLORATION & DEVELOPMENT CO., LTD	

Hydrographs of dug wells (Jan. 1994 - Nov. 1994)



Daily rainfall in Ba (Jan. 1994 - Nov. 1994)

Legend:

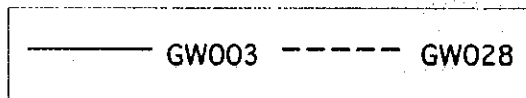
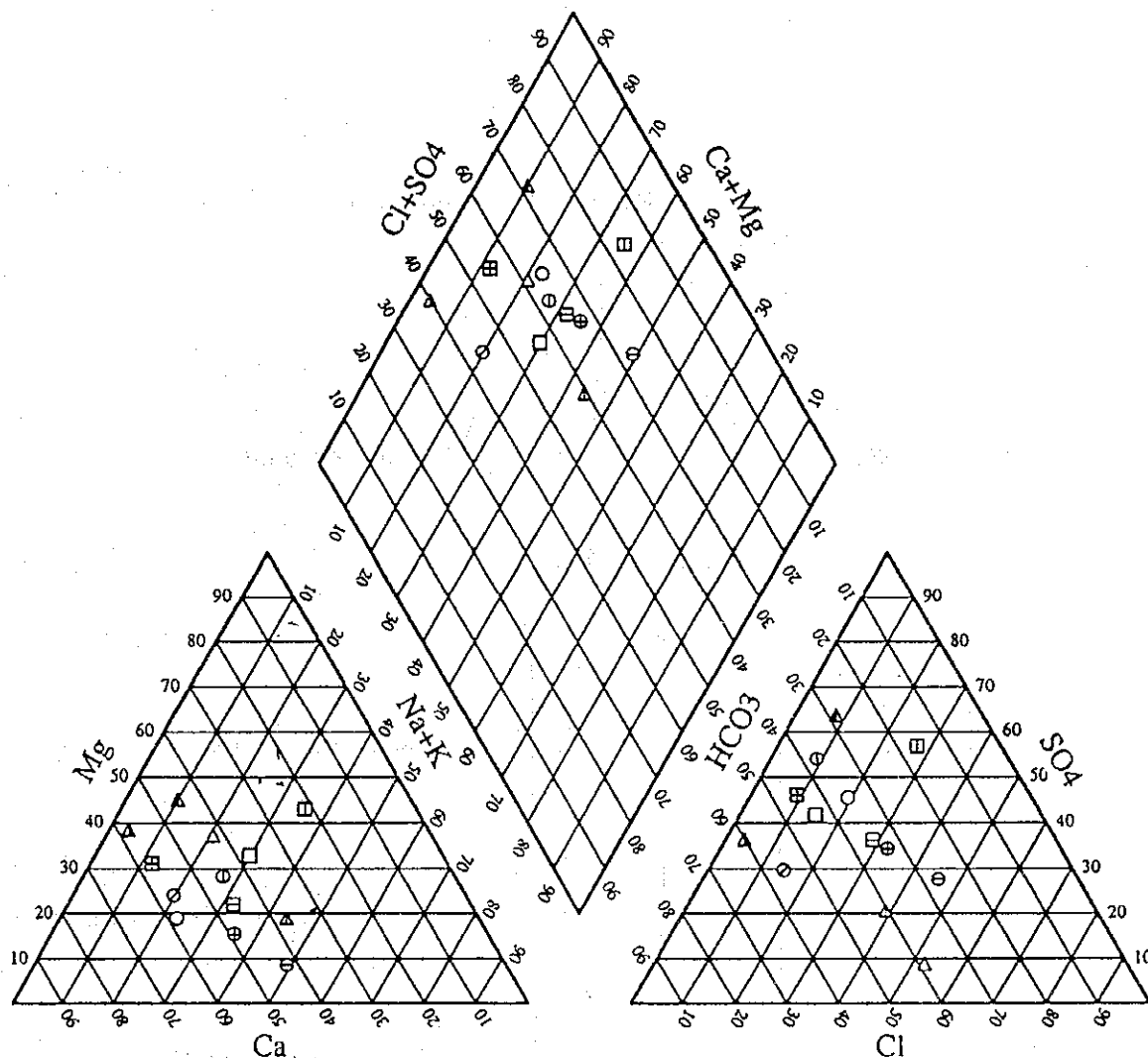


図6 浅井戸ハイドログラフ

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH VITI LEVU IN THE REPUBLIC OF FIJI	
Fig.	
NIPPON KOEI CO., LTD NIKKO EXPLORATION & DEVELOPMENT CO., LTD	





Legend

- |         |          |         |
|---------|----------|---------|
| ○ TW001 | ⊖ TW006A | ⊙ TW012 |
| □ TW002 | ⊞ TW006S |         |
| △ TW003 | ▲ TW008  |         |
| ⊕ TW004 | ⊗ TW009  |         |
| ⊠ TW005 | ⊡ TW010  |         |
| ▲ TW006 | ▲ TW011  |         |

図-7 トリリニア・ダイヤグラム

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH VITI LEVU IN THE REPUBLIC OF FIJI	
NIPPON KOEI CO., LTD NIKKO EXPLORATION & DEVELOPMENT CO., LTD	

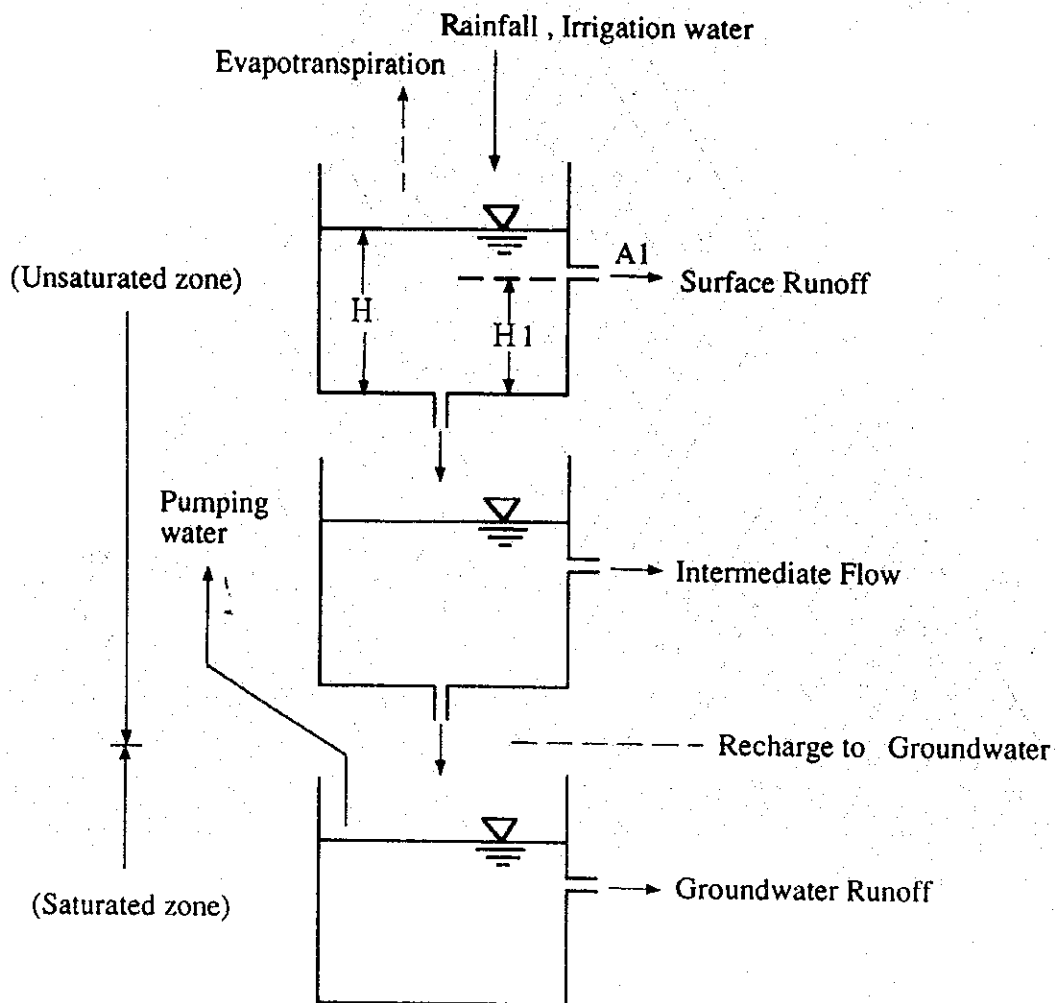


図-8 タンク・モデル概念図

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH VITI LEVU IN THE REPUBLIC OF FIJI	
NIPPON KOEI CO., LTD NIKKO EXPLORATION & DEVELOPMENT CO., LTD	

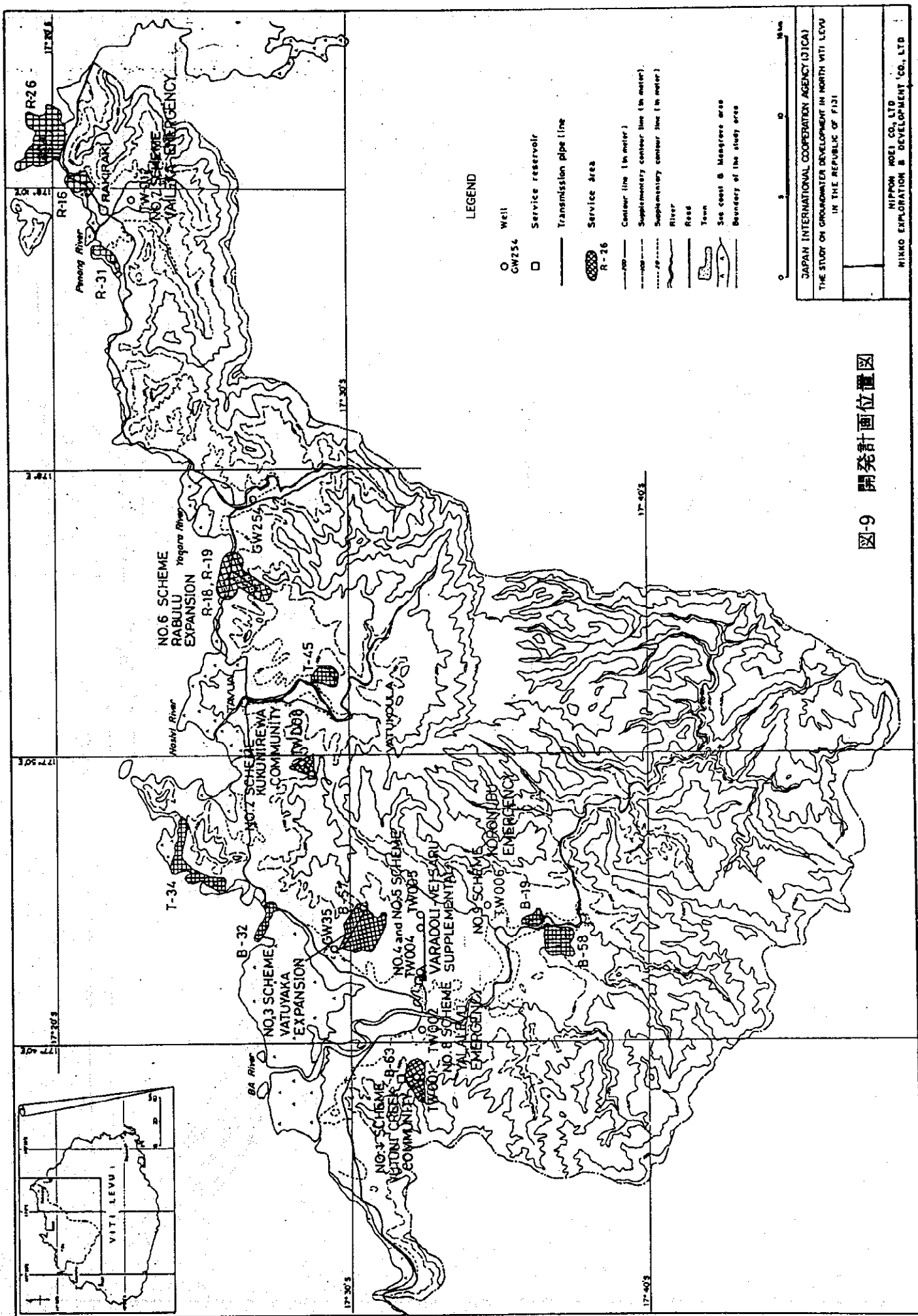
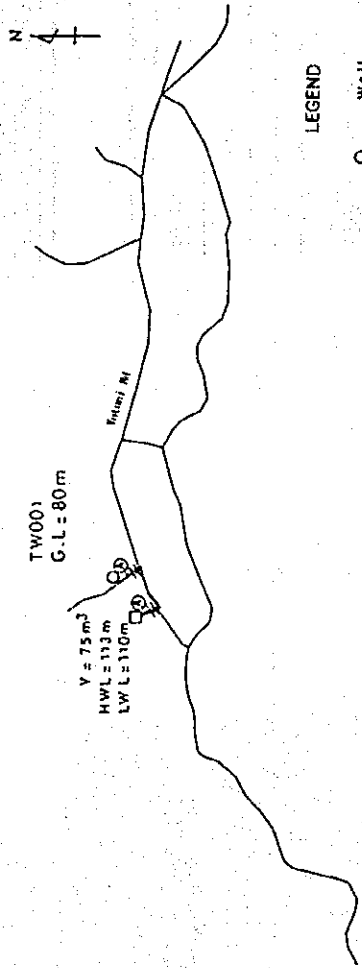


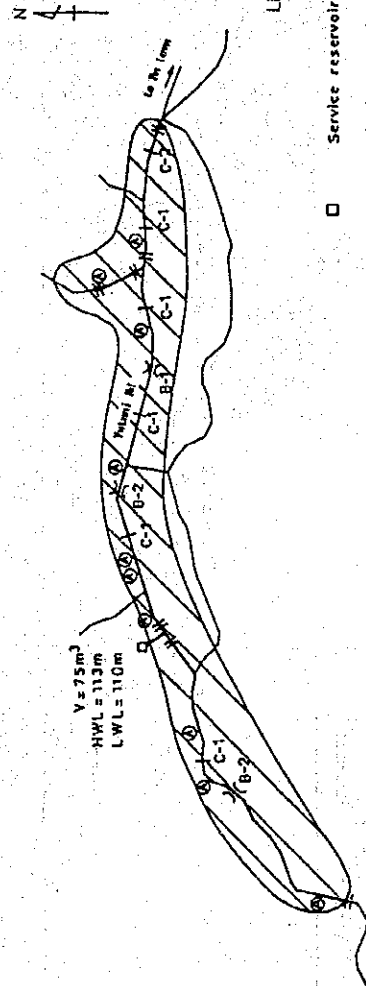
図-9 開発計画位置図



LEGEND

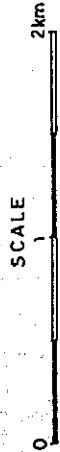
- Well
- Service reservoir
- Transmission pipe
- UPVC #75
- Road

- ⊕ Air Valve
- ⊕ Sluice Valve



LEGEND

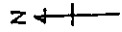
- Service reservoir
- Distribution pipe
- UPVC #75
- Road
- ▨ Service area
- ⊕ Air Valve
- ⊕ Sluice Valve
- + C-1 Overcrossing Culvert-1
- + C-2 Undercrossing Culvert-2
- ⊗ B-1 Attached Bridge
- ⊗ B-2 Undercrossing Bridge



VUTUNI CREEK COMMUNITY SCHEME

図-1 0 優先開発計画概略図 (1)

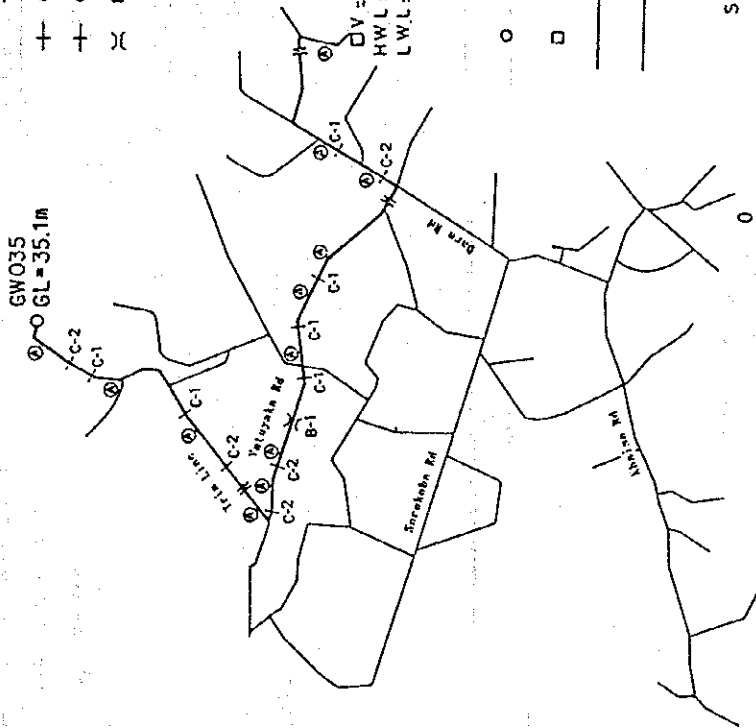
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
THE STUDY ON ORGANIZATION DEVELOPMENT OF NORTH-SOUTH LEVY BY THE REPUBLIC OF BURUNDI
HIFUMI KOGI CO., LTD.
HIRAKO ENGINEERING & DEVELOPMENT CO., LTD.



GWO35  
GL = 35.1m

- LEGEND
- ⊕ Air Valve
  - ⊕ Sluice Valve
  - ⊕ C-1 Overcrossing Culvert-1
  - ⊕ C-2 Undercrossing Culvert-2
  - ⊕ B-1 Attached Bridge

V = 135 m<sup>3</sup>  
HWL = 93 m  
LWL = 90 m



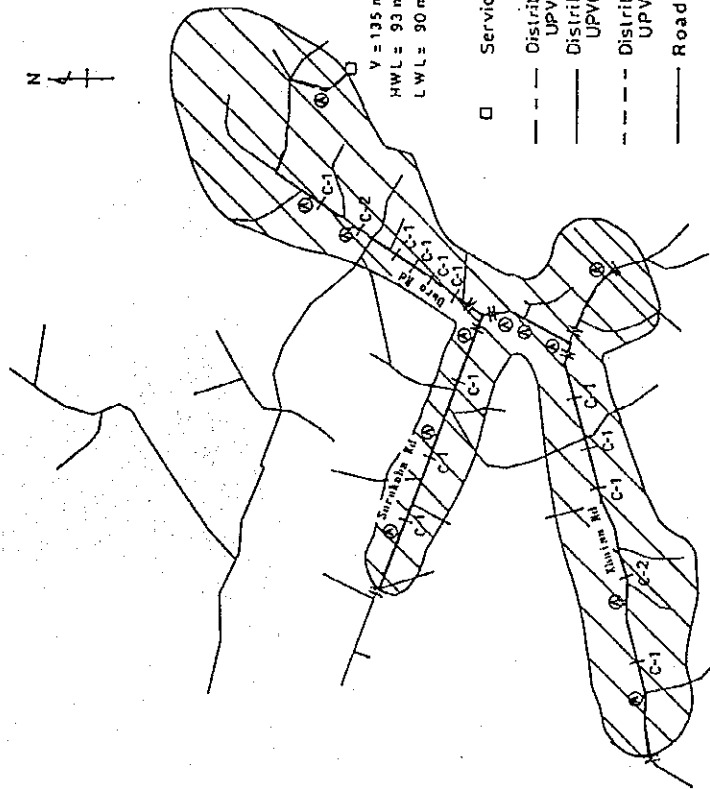
SCALE  
1  
0 2km



V = 135 m<sup>3</sup>  
HWL = 93 m  
LWL = 90 m

LEGEND

- Service reservoir
- Distribution pipe UPVC φ 100
- Distribution pipe UPVC φ 75
- - - Distribution pipe UPVC φ 50
- Road
- ▨ Service area



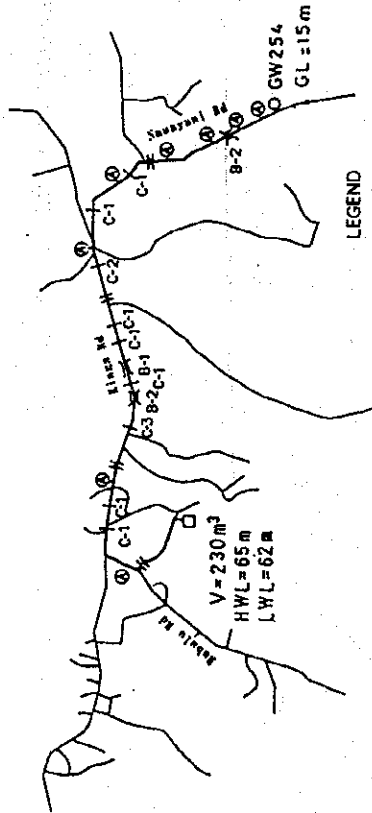
SCALE  
1  
0 2km

VATUYAKA EXPANSION SCHEME

図-10 優先開発計画概略図 (2)

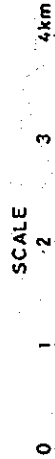
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)
THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH VII LEVU IN THE REPUBLIC OF FIJI
NIPPOK KOEI CO., LTD.
NINIKO EXPLORATION & DEVELOPMENT CO., LTD.

N  
4  
+



LEGEND

- Well
- Service reservoir
- Transmission pipe UPVC φ100
- Road
- ⊕ Air Valve
- ⊕ Sluice Valve
- + C-1 Overcrossing Culvert-1
- + C-2 Undercrossing Culvert-2
- + C-3 Road Crossing
- ⌘ B-1 Attached Bridge
- ⌘ B-2 Undercrossing Bridge

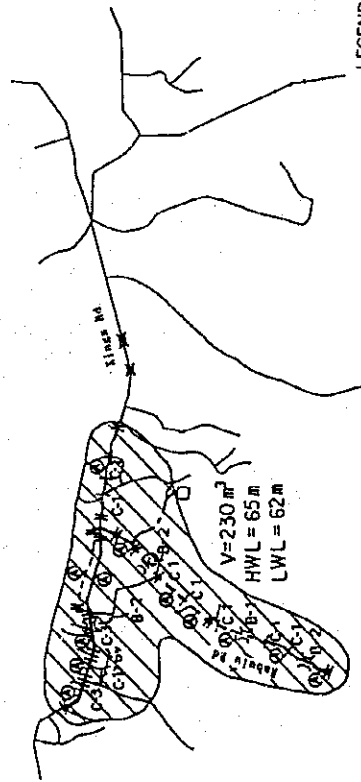


RADULU EXPANSION SCHEME

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)  
THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH WAI LEWU  
IN THE REPUBLIC OF FIJI

NIKKO EXPLORATION & DEVELOPMENT CO., LTD

N  
4  
+



LEGEND

- Service reservoir
- - - Distribution pipe UPVC φ150
- Distribution pipe UPVC φ100
- - - Distribution pipe UPVC φ75
- Road
- ▨ Service area
- ⊕ Air Valve
- ⊕ Sluice Valve
- + C-1 Overcrossing Culvert-1
- + C-3 Overcrossing Culvert-3
- ⌘ B-1 Attached Bridge
- ⌘ B-2 Undercrossing Bridge

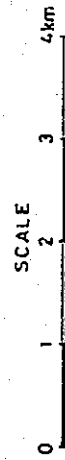


図-10 優先開発計画概略図 (3)

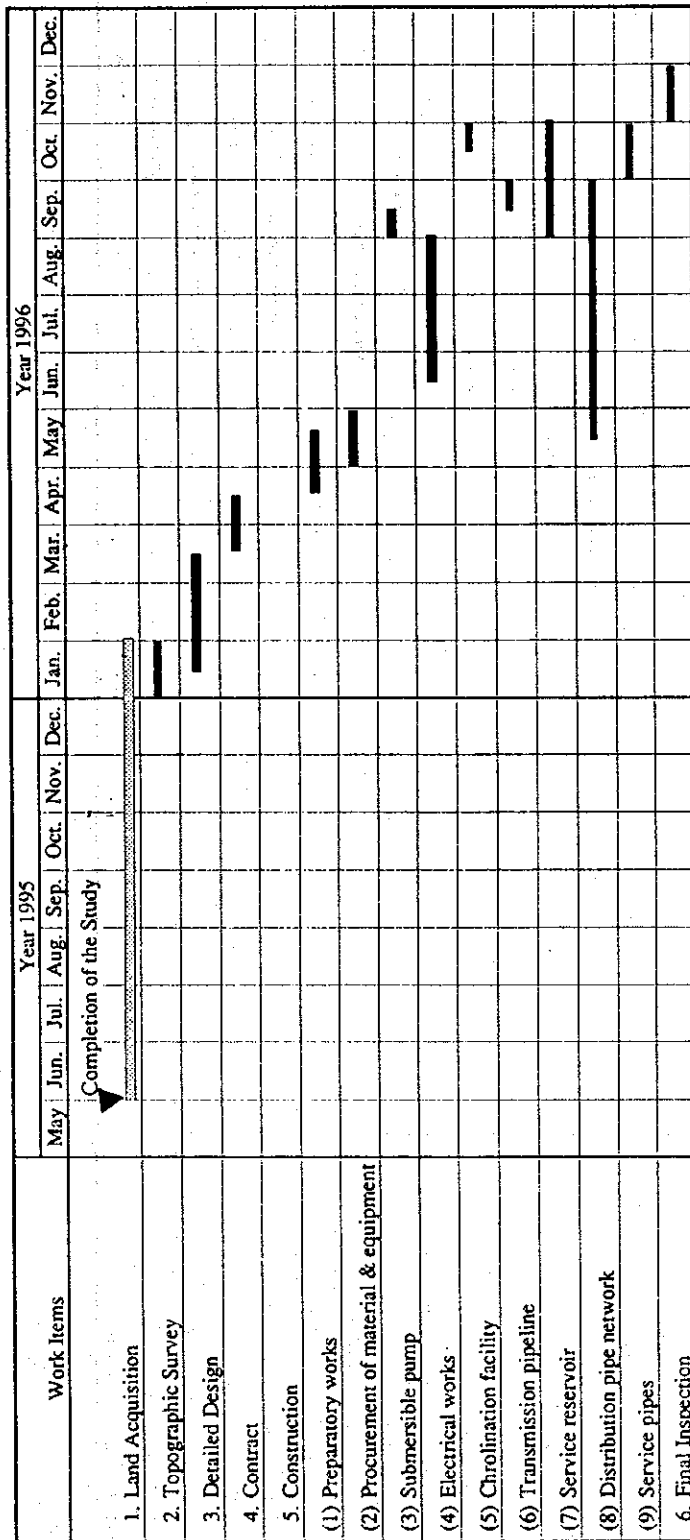


図-1 1 事業実施計画

(ブツニ・クリーク村落給水計画)

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH VITI LEVU IN THE REPUBLIC OF FIJI	
Fig.	
NIPPON KOEI CO., LTD NIKKO EXPLORATION & DEVELOPMENT CO., LTD	

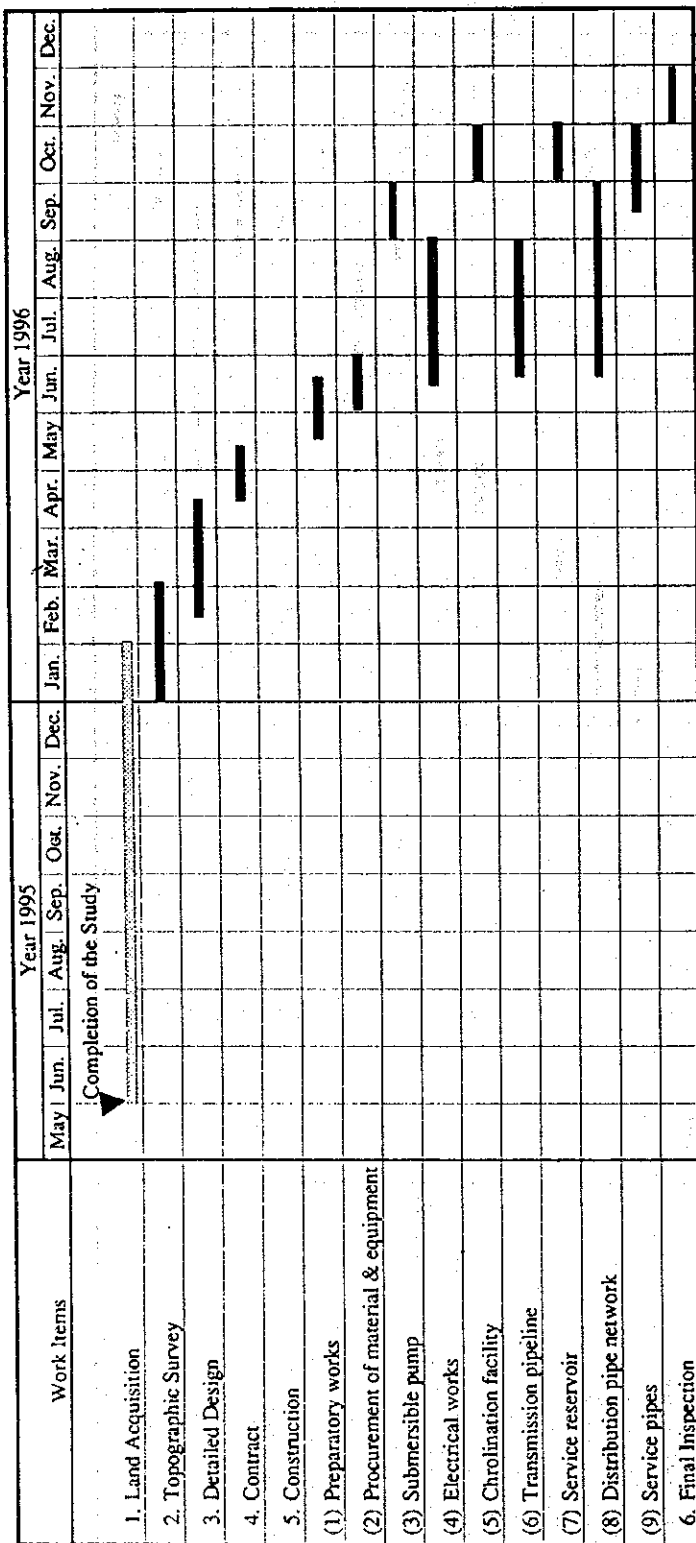


図-1 2 事業実施計画 (バツヤカ拡張給水計画)

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH VITI LEVU IN THE REPUBLIC OF FIJI	
Fig.	
NIPPON KOEI CO., LTD NIKKO EXPLORATION & DEVELOPMENT CO., LTD	



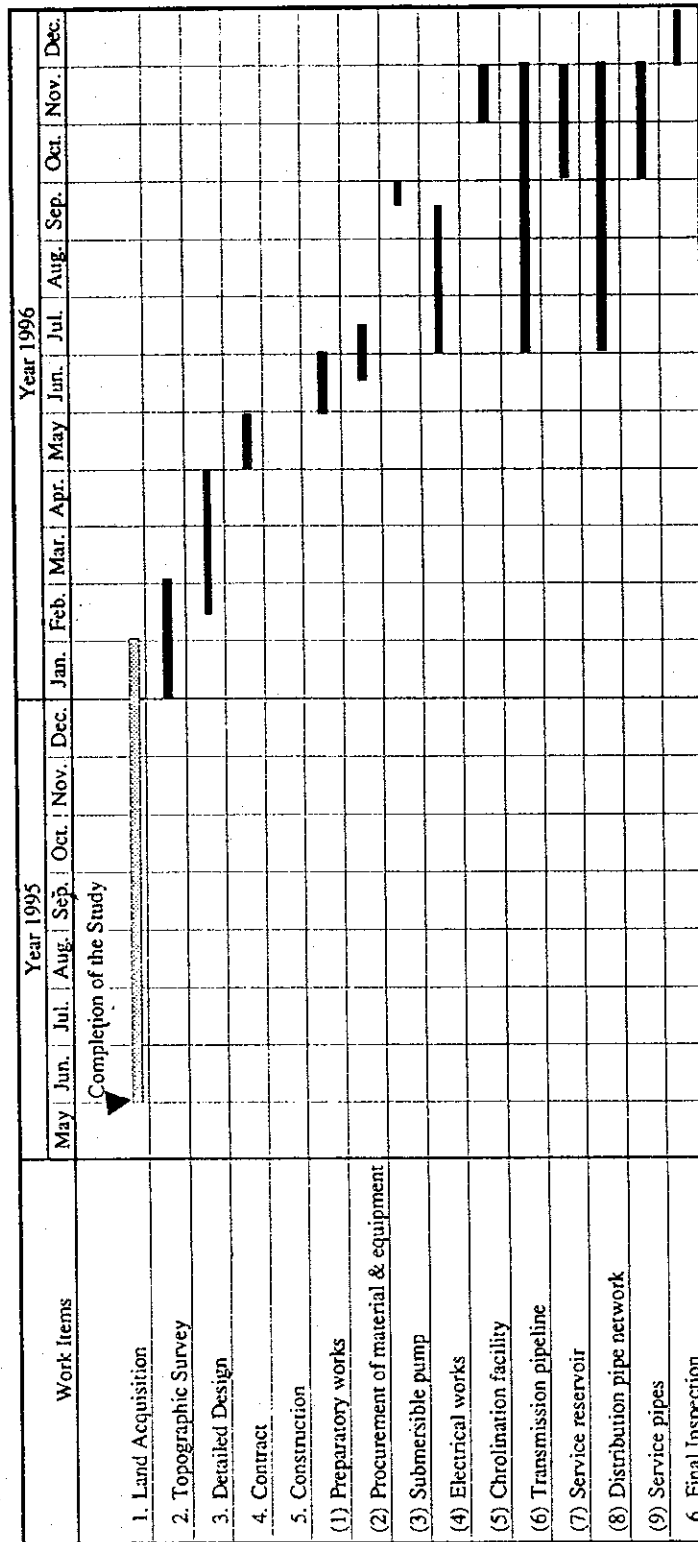
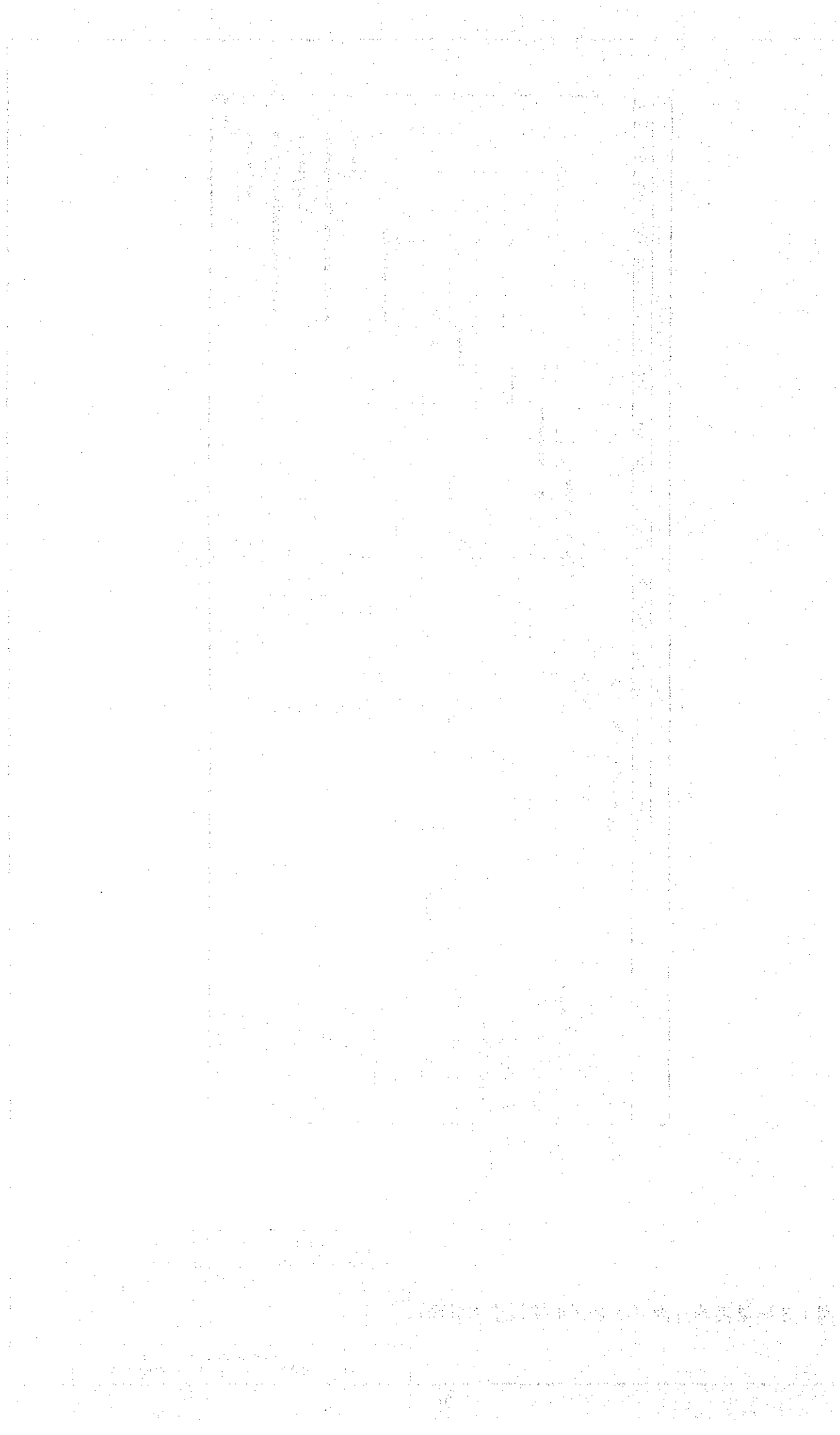
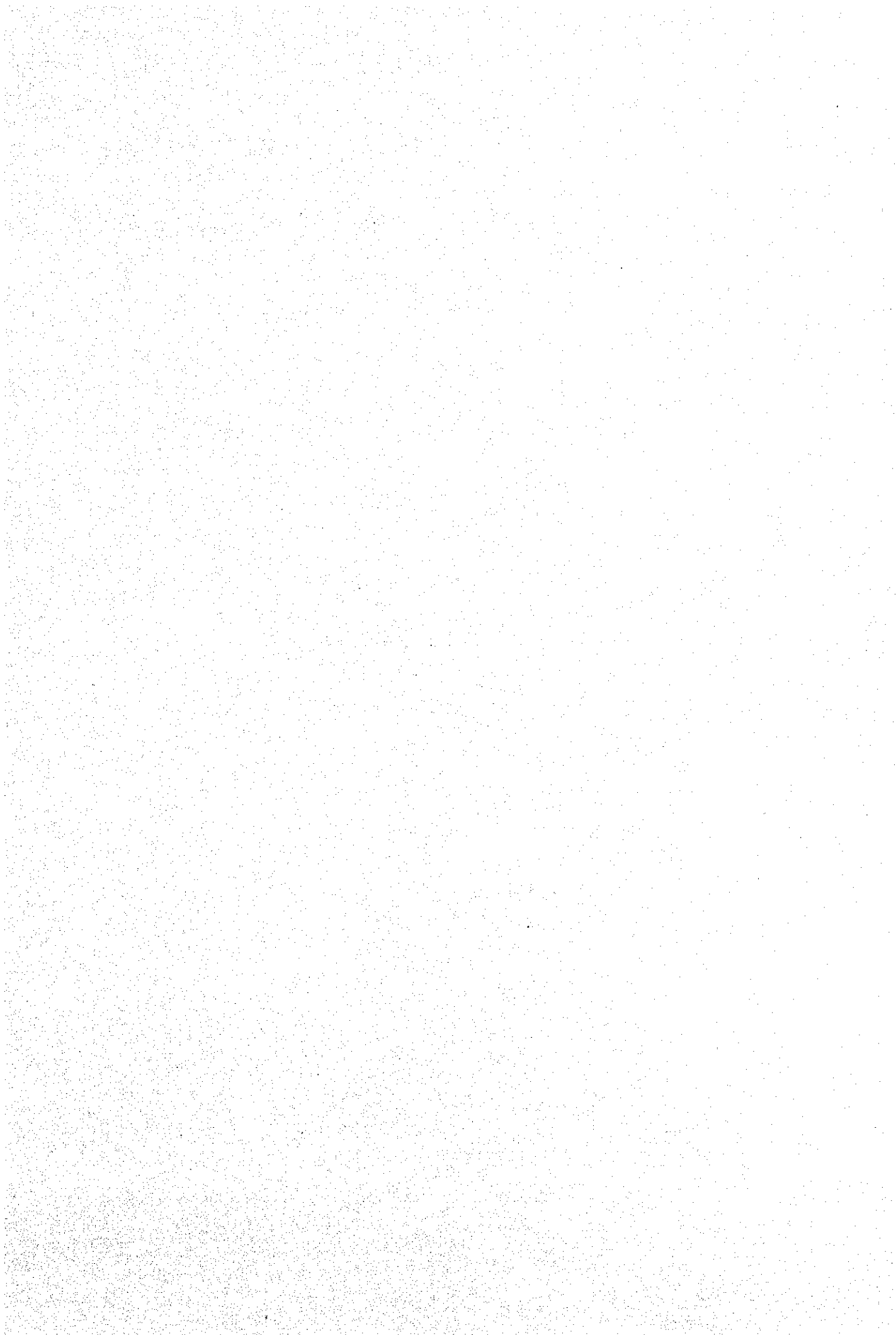


図-1 3 事業実施計画 (ランブル拡張給水計画)

JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	
THE STUDY ON GROUNDWATER DEVELOPMENT IN NORTH VITI LEVU IN THE REPUBLIC OF FIJI	
Fig.	
NIPPON KOEI CO., LTD NIKKO EXPLORATION & DEVELOPMENT CO., LTD	





JICA

2  
6  
5