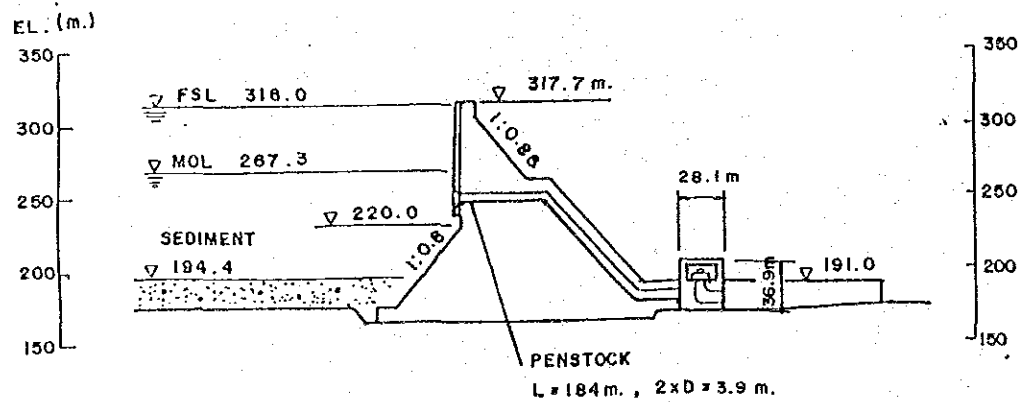
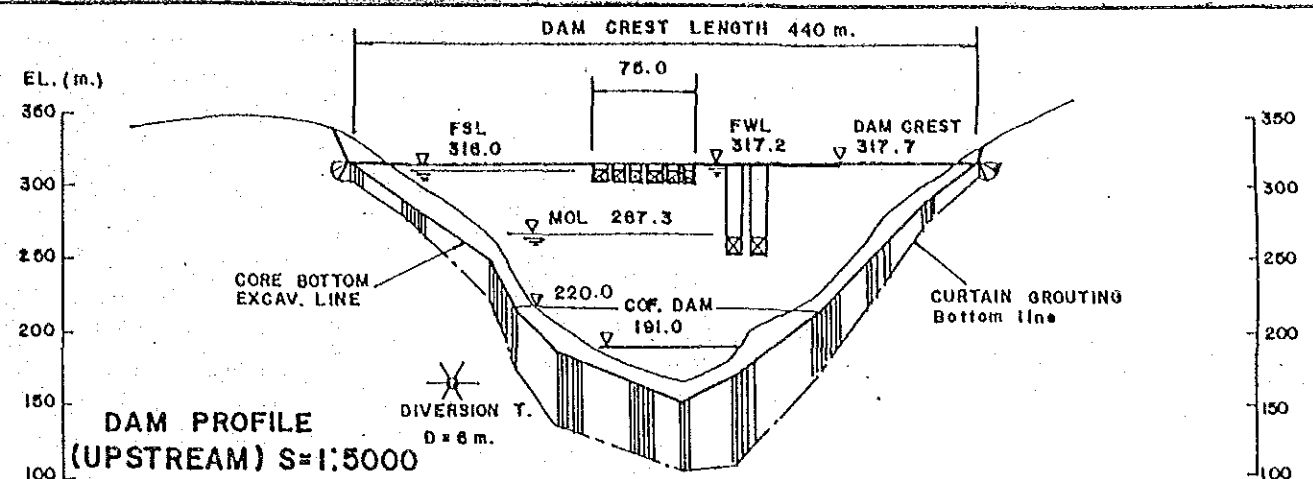


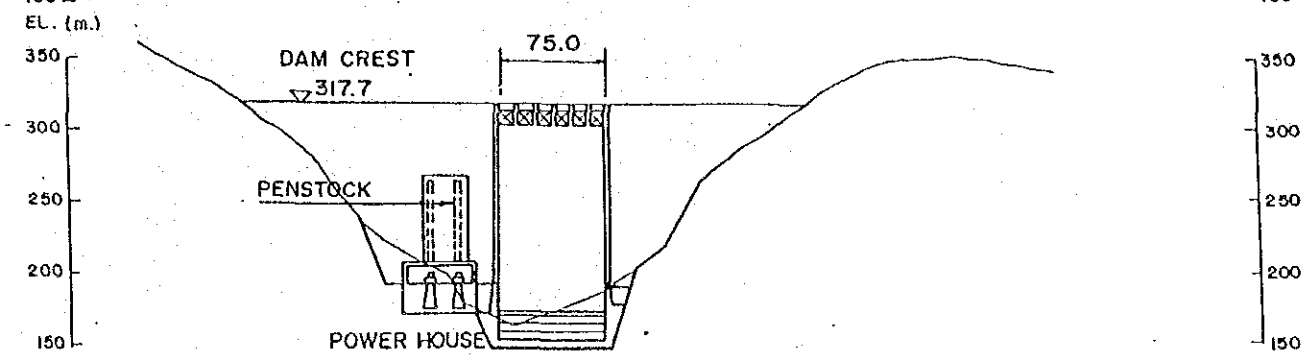
DAM PLAN S=1:10,000



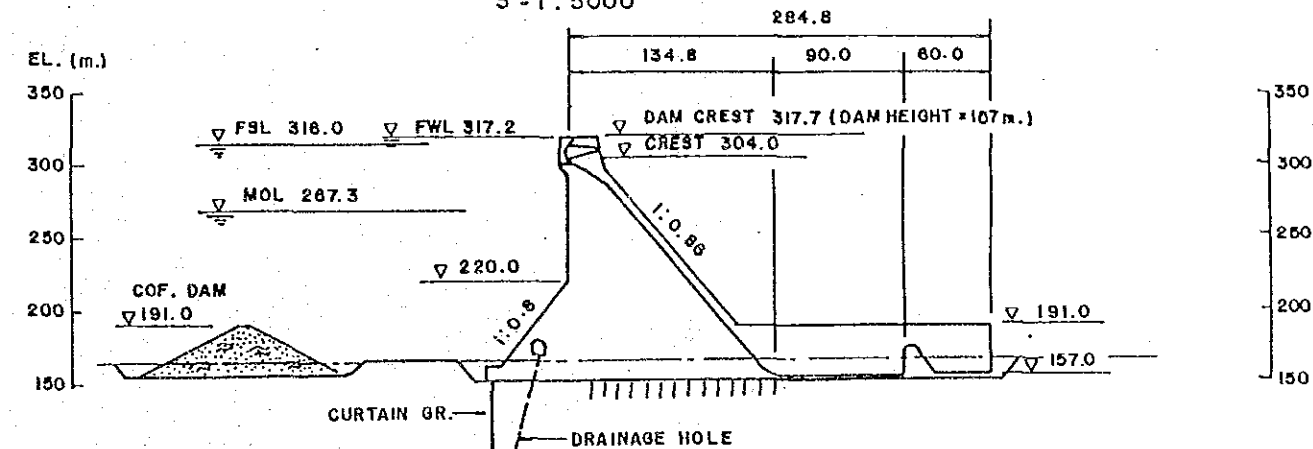
WATERWAY PROFILE S=1:5000



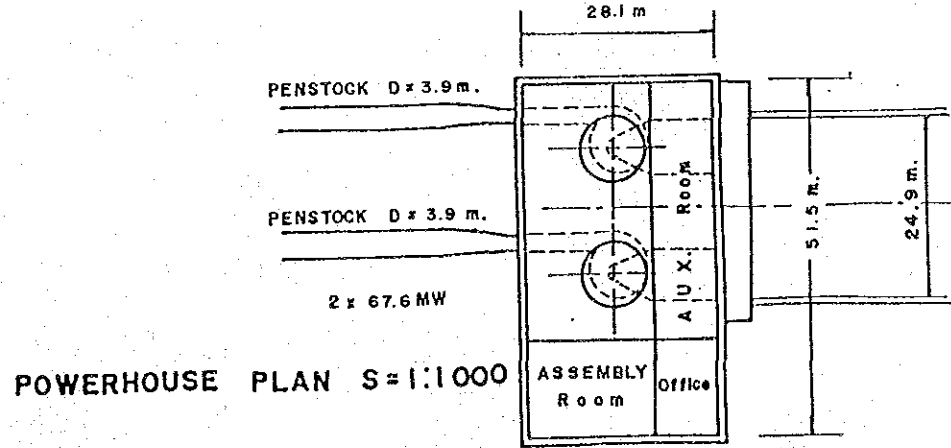
DAM PROFILE (UPSTREAM) S=1:5000



DAM PROFILE (DOWNSTREAM) S=1:5000

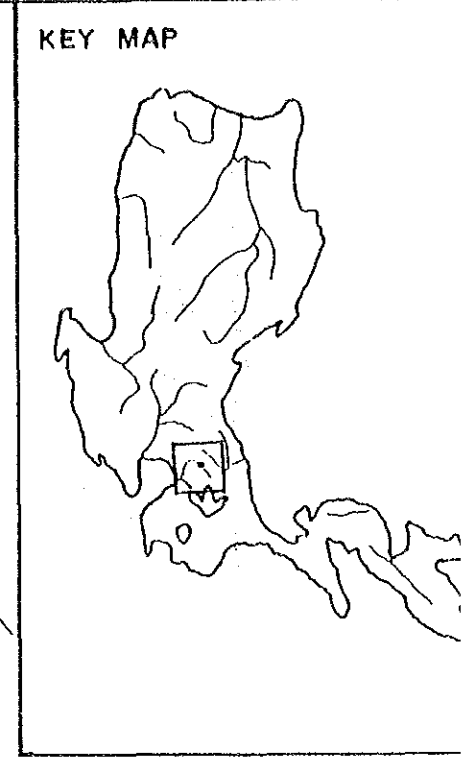
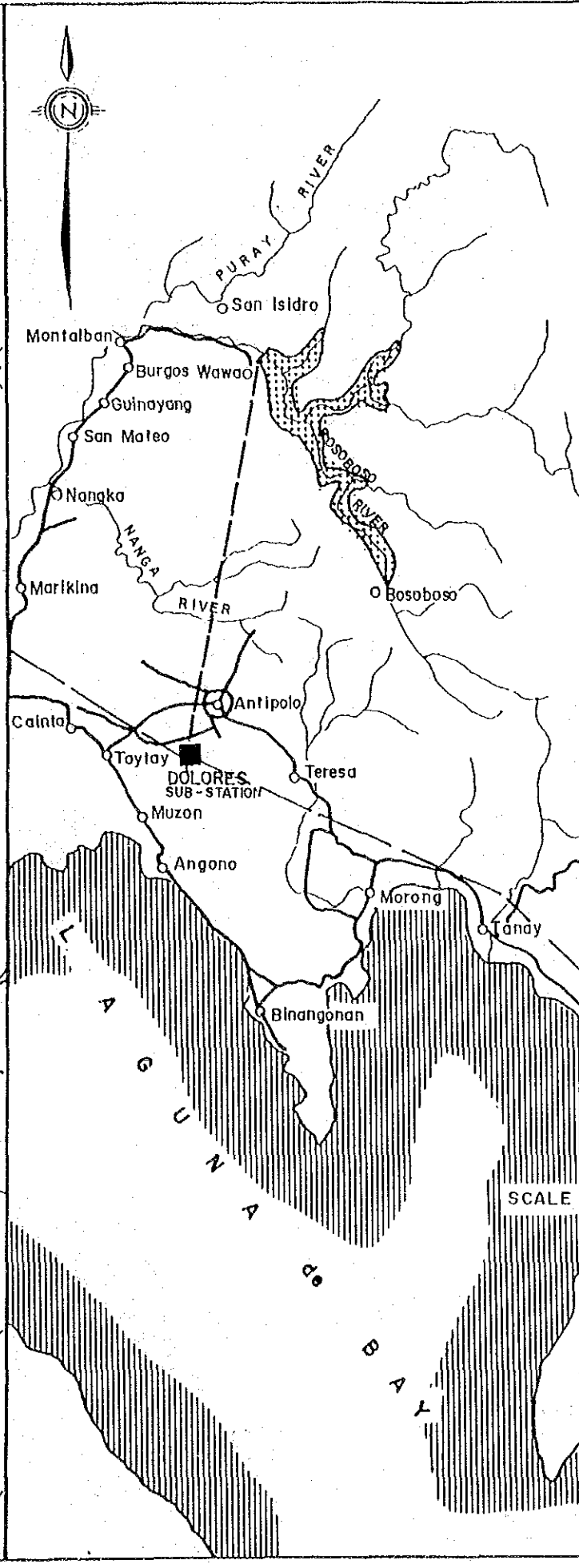
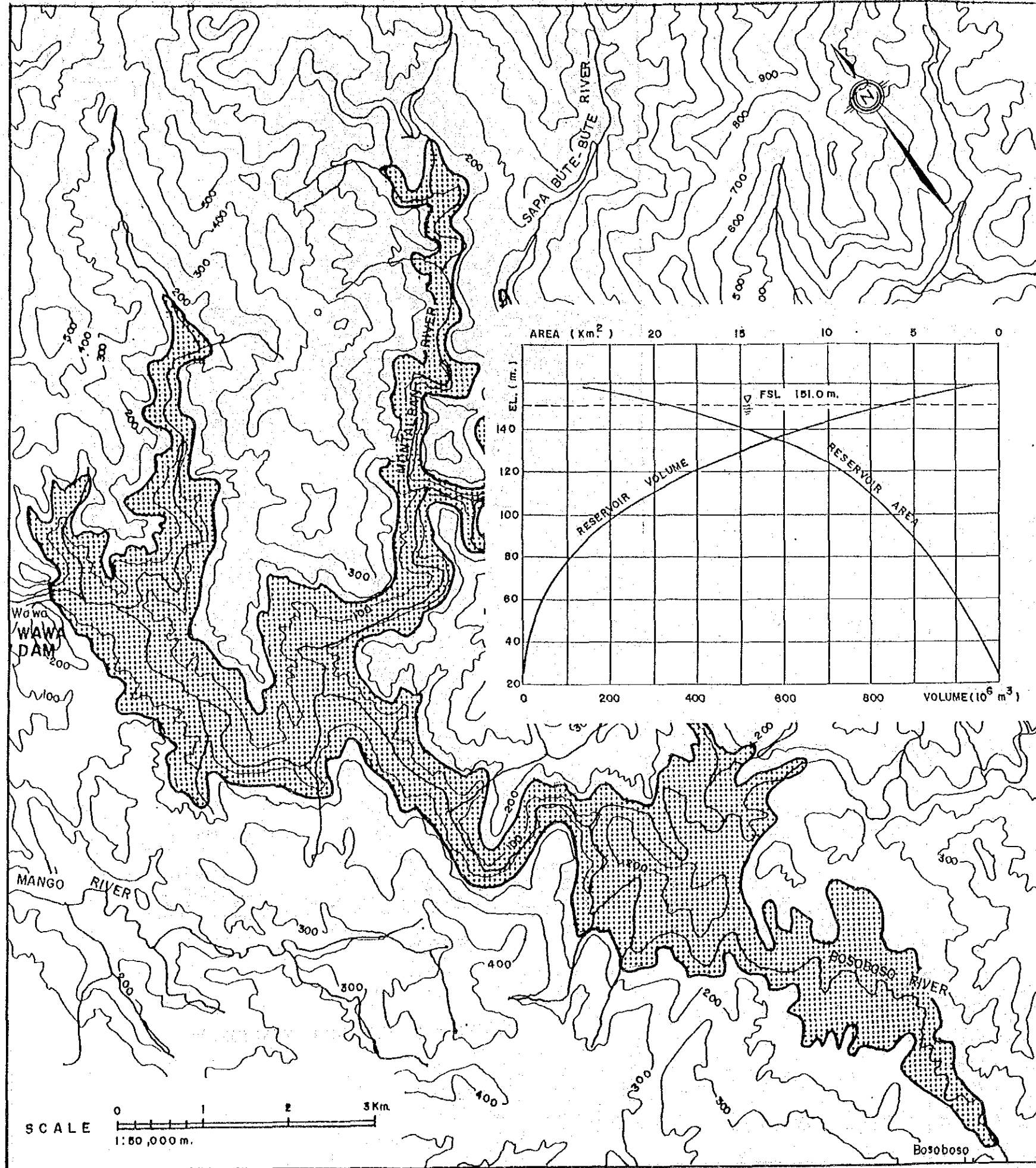


SPILLWAY PROFILE S=1:5000



POWERHOUSE PLAN S=1:1000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.	4-007-00-05-0-1		
UPPER AGOS-2 GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	69
JAPAN INTERNATIONAL COOPERATION AGENCY			

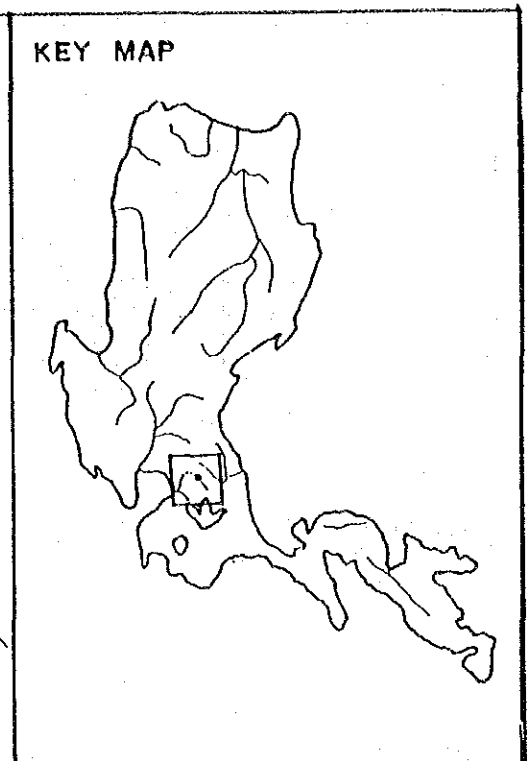
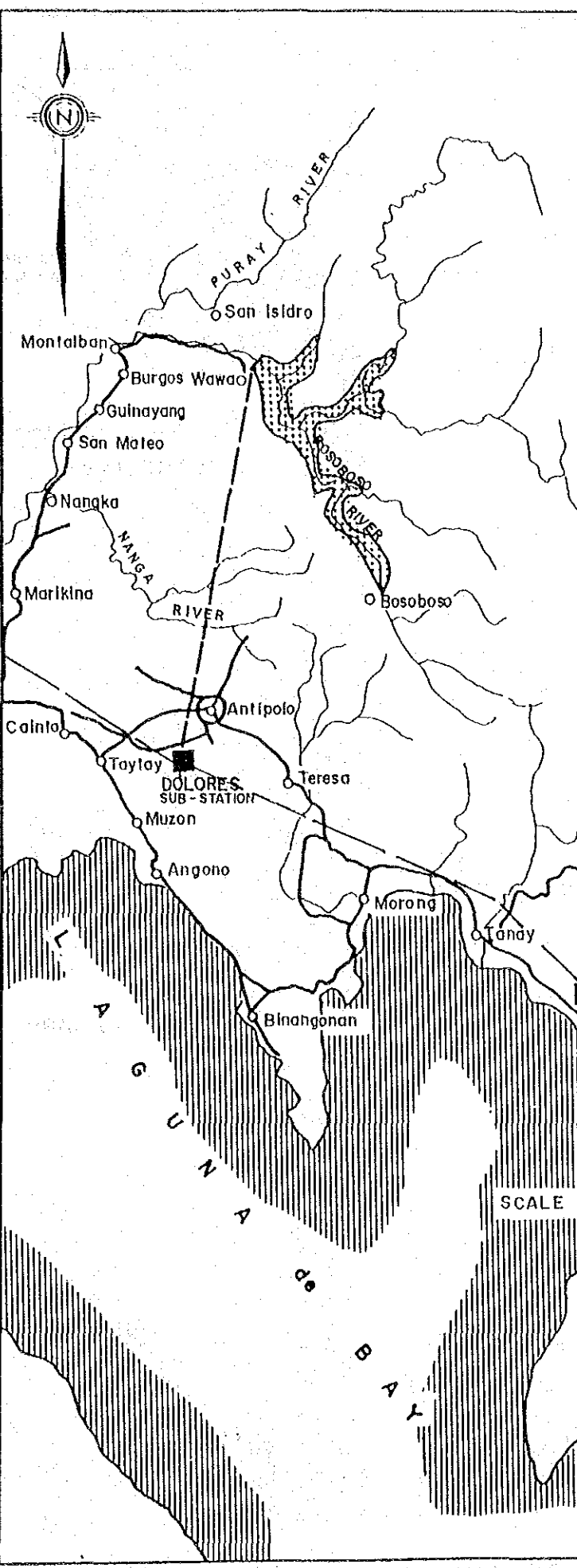
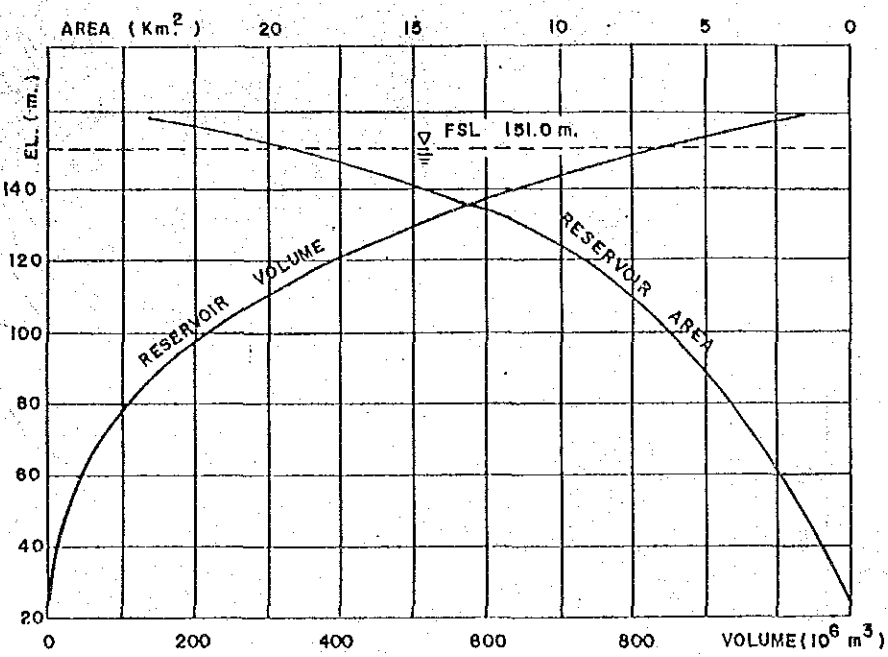
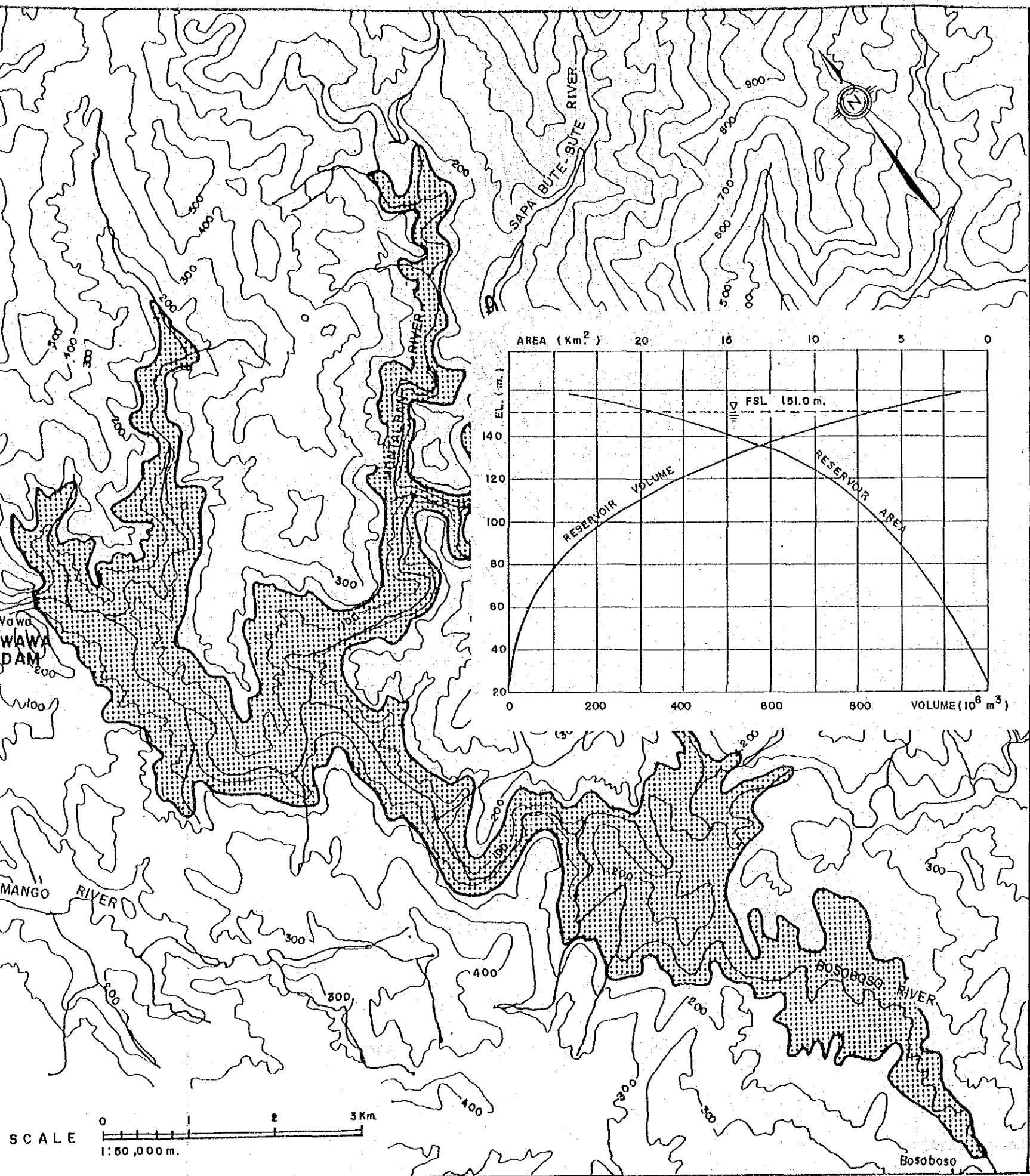


LEGEND :

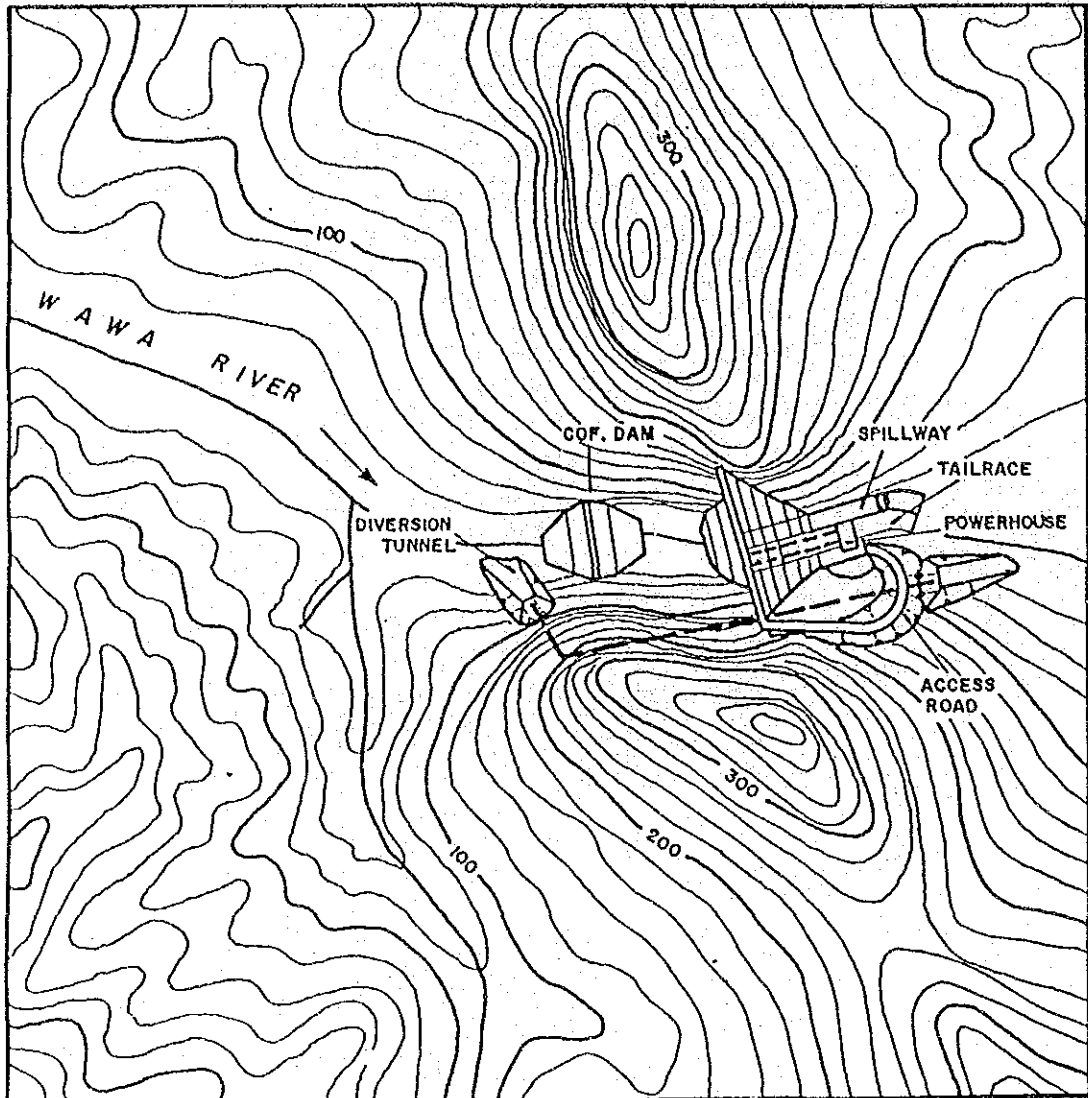
- SUB-STATION
- TRANSMISSION LINE

SCALE 0 1 2 3 4 5 10 15
1: 250,000 m.

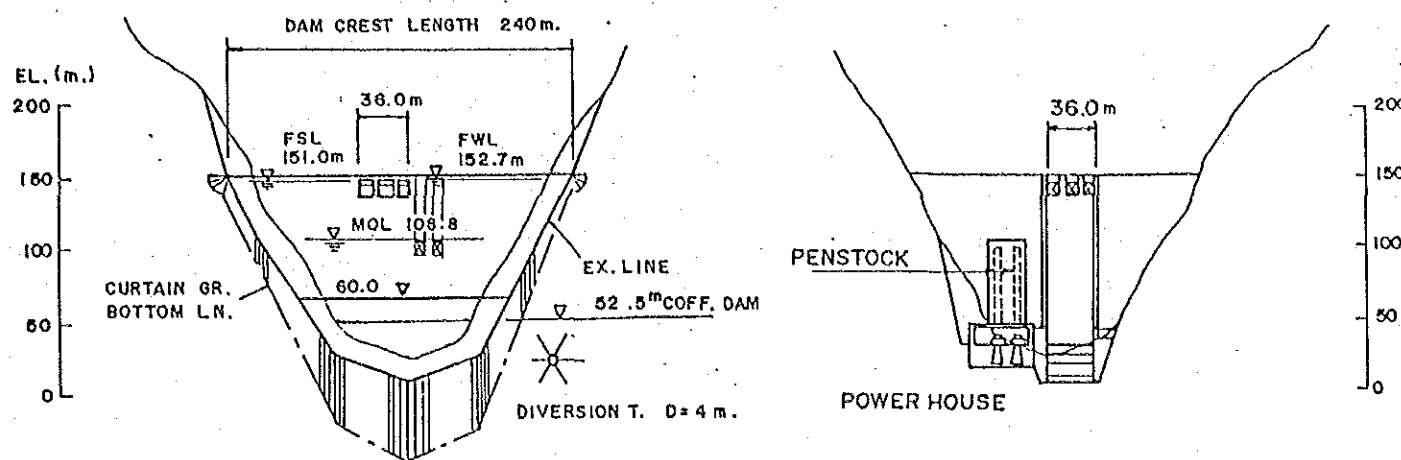
NATIONAL POWER CORPORATION	
SCHEME ID. NO.	4-115-01-01-0
WAWA LOCATION MAP	
DATE	AUG. 1987
DRWG. NO.	
JAPAN INTERNATIONAL COOPERATION AG	



NATIONAL POWER CORPORATION			
SCHEME ID. NO.		4-115-01-01-0-1	
WAWA			
LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	70
JAPAN INTERNATIONAL COOPERATION AGENCY			

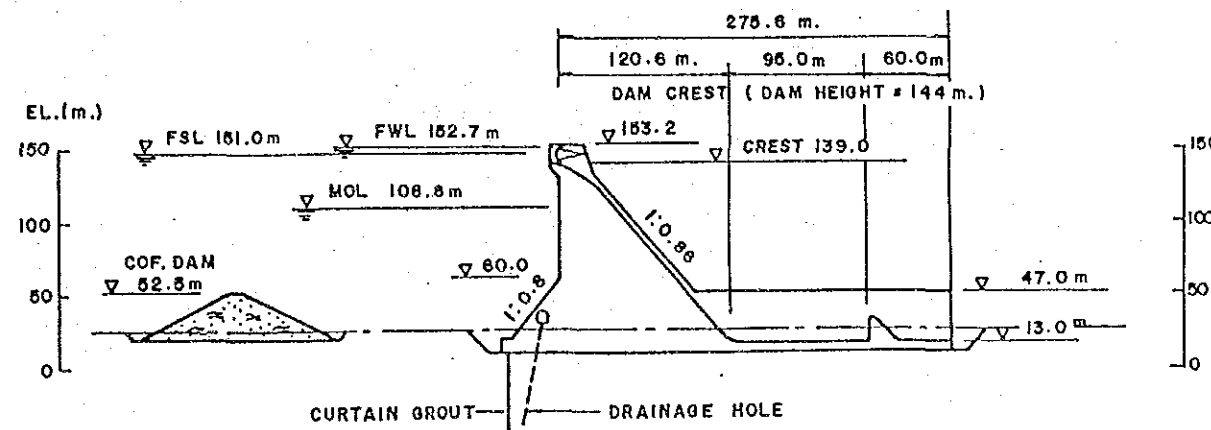


DAM PLAN S = 1:10,000

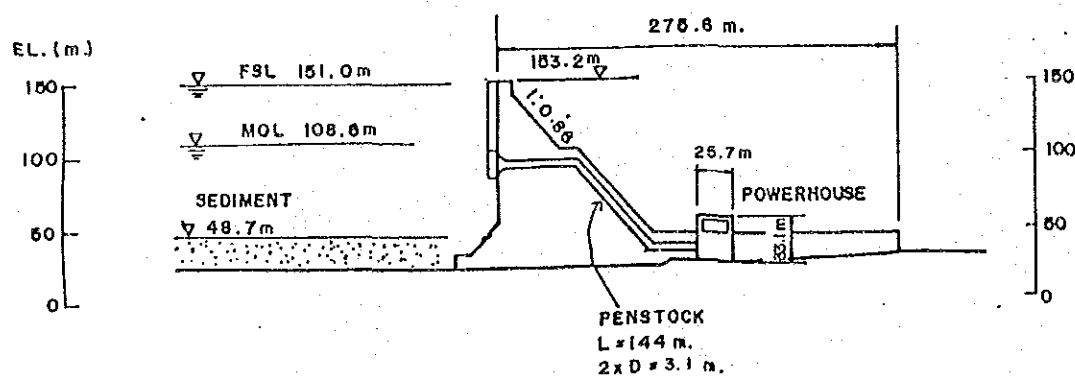


DAM PROFILE (UP STREAM)
S = 1:5000

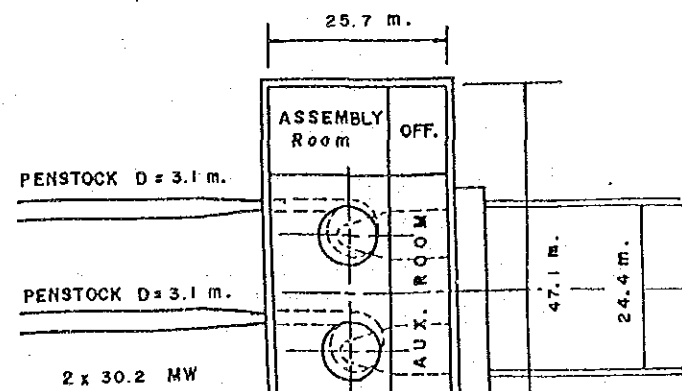
DAM PROFILE (DOWNSTREAM)
S = 1:5000



SPILLWAY PROFILE S = 1:5000

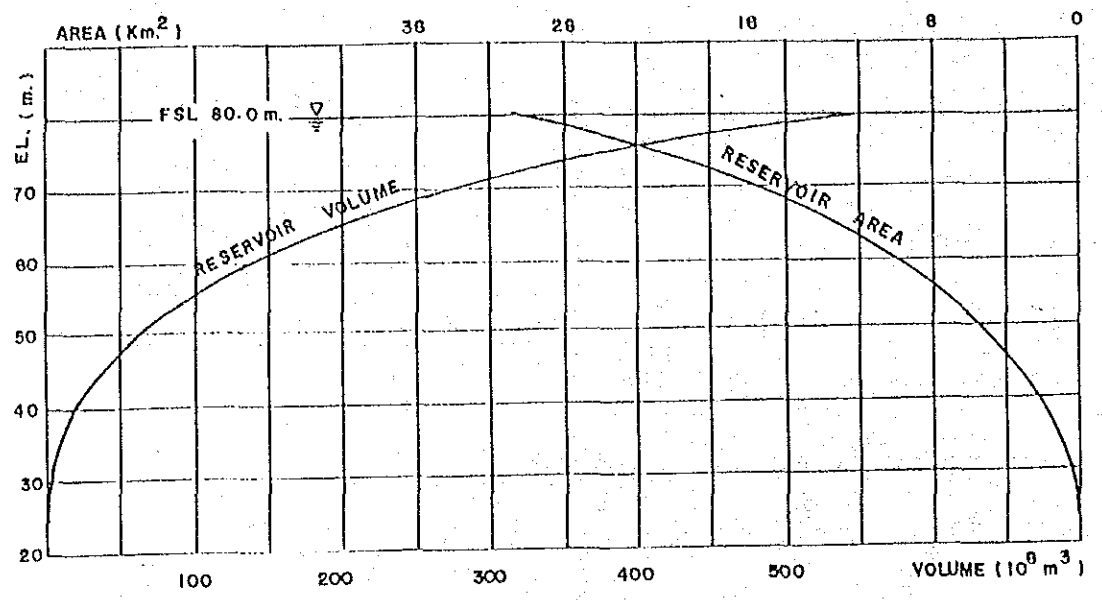
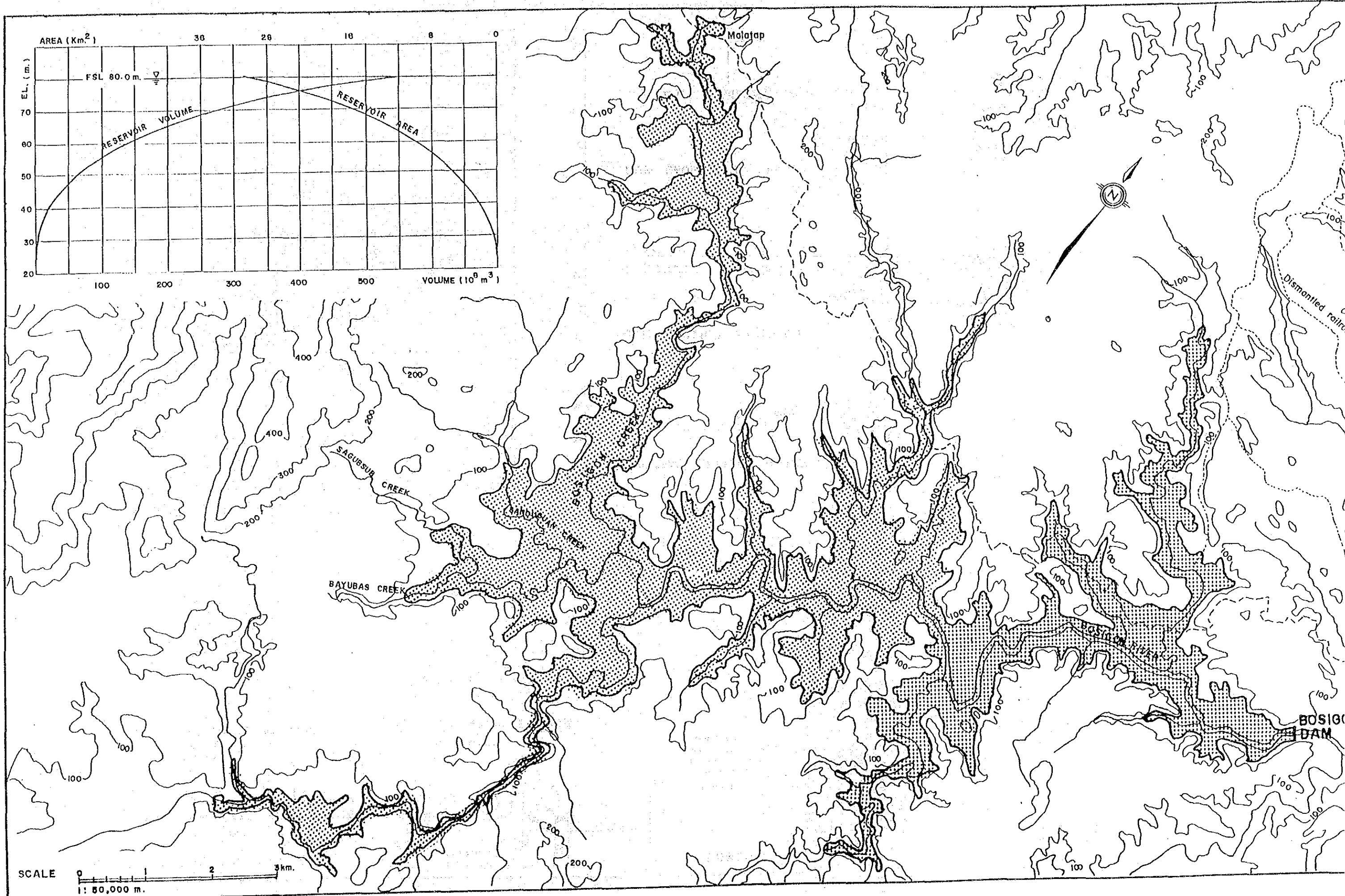


WATERWAY PROFILE S = 1:5000

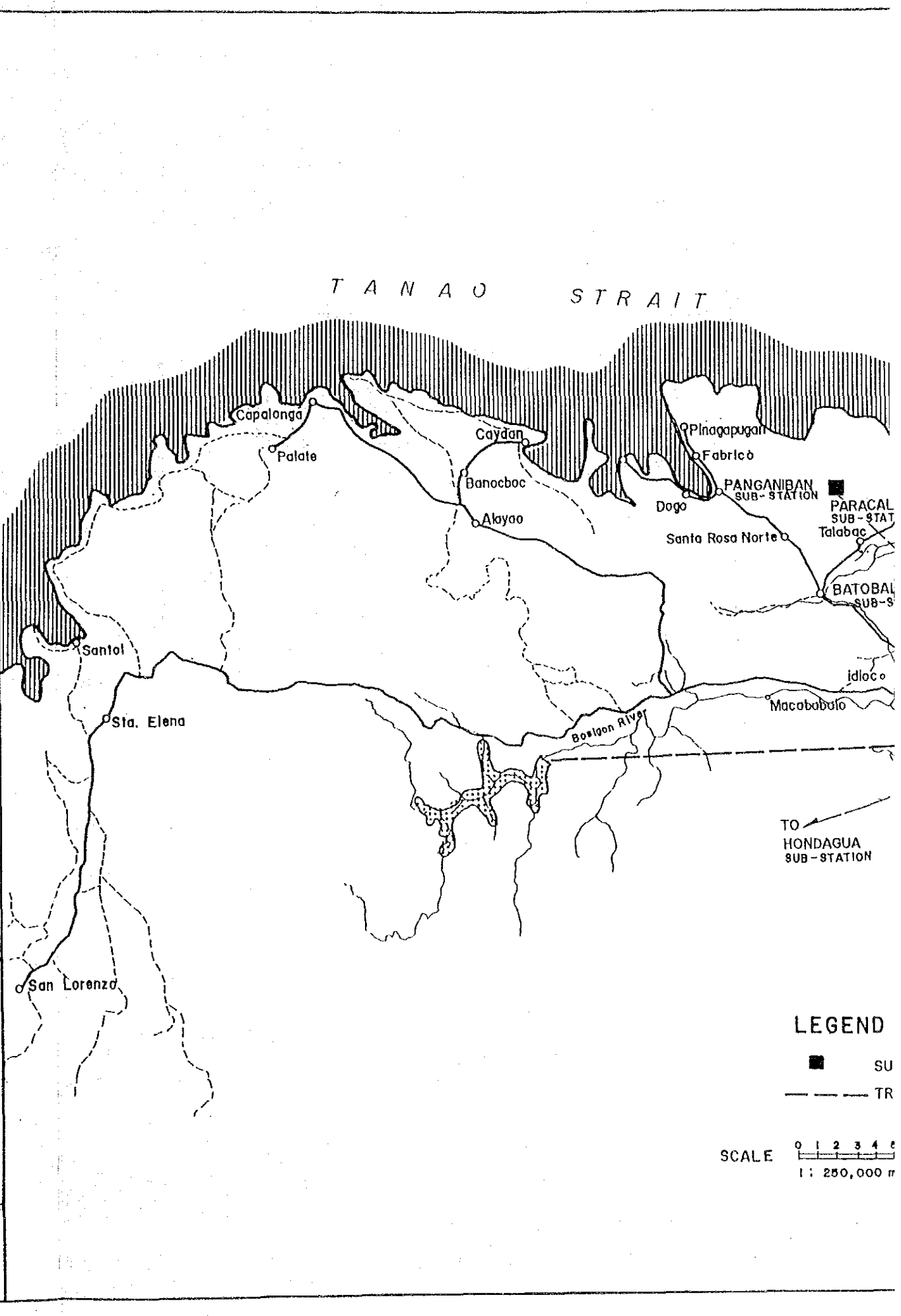
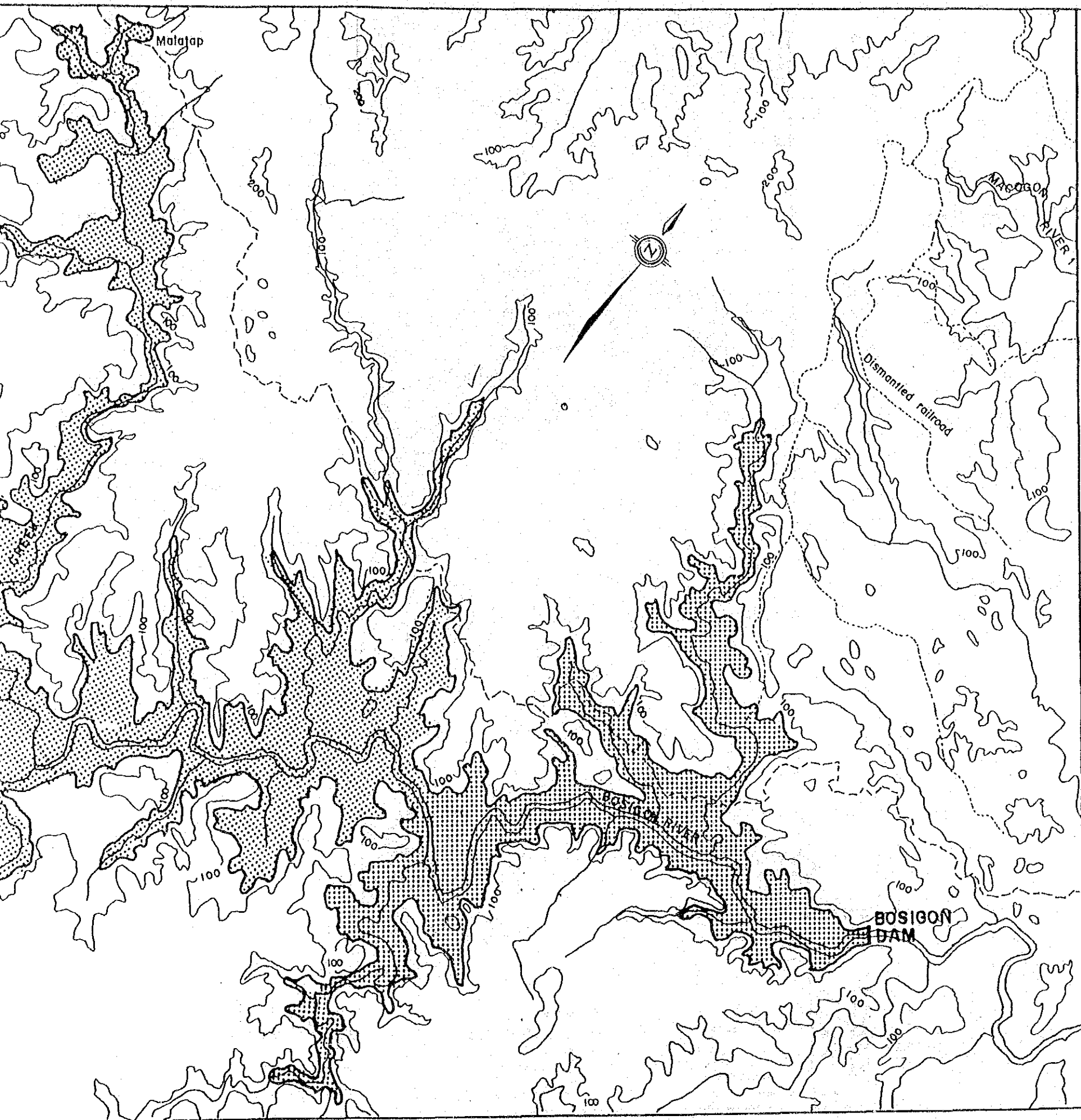


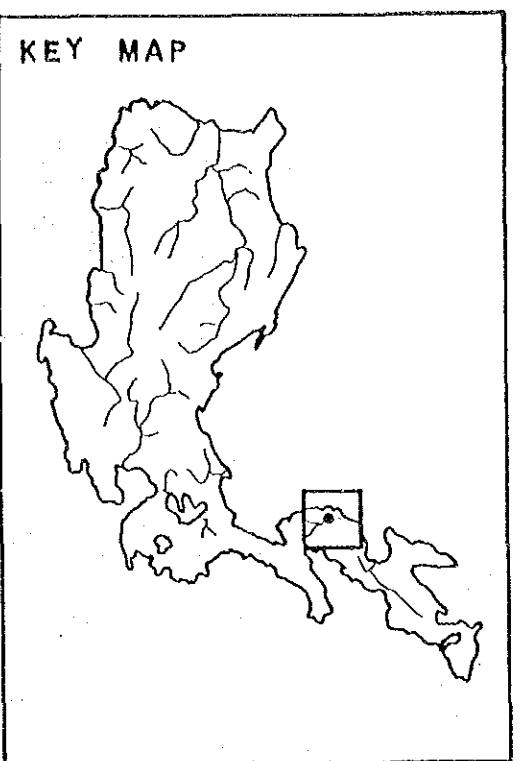
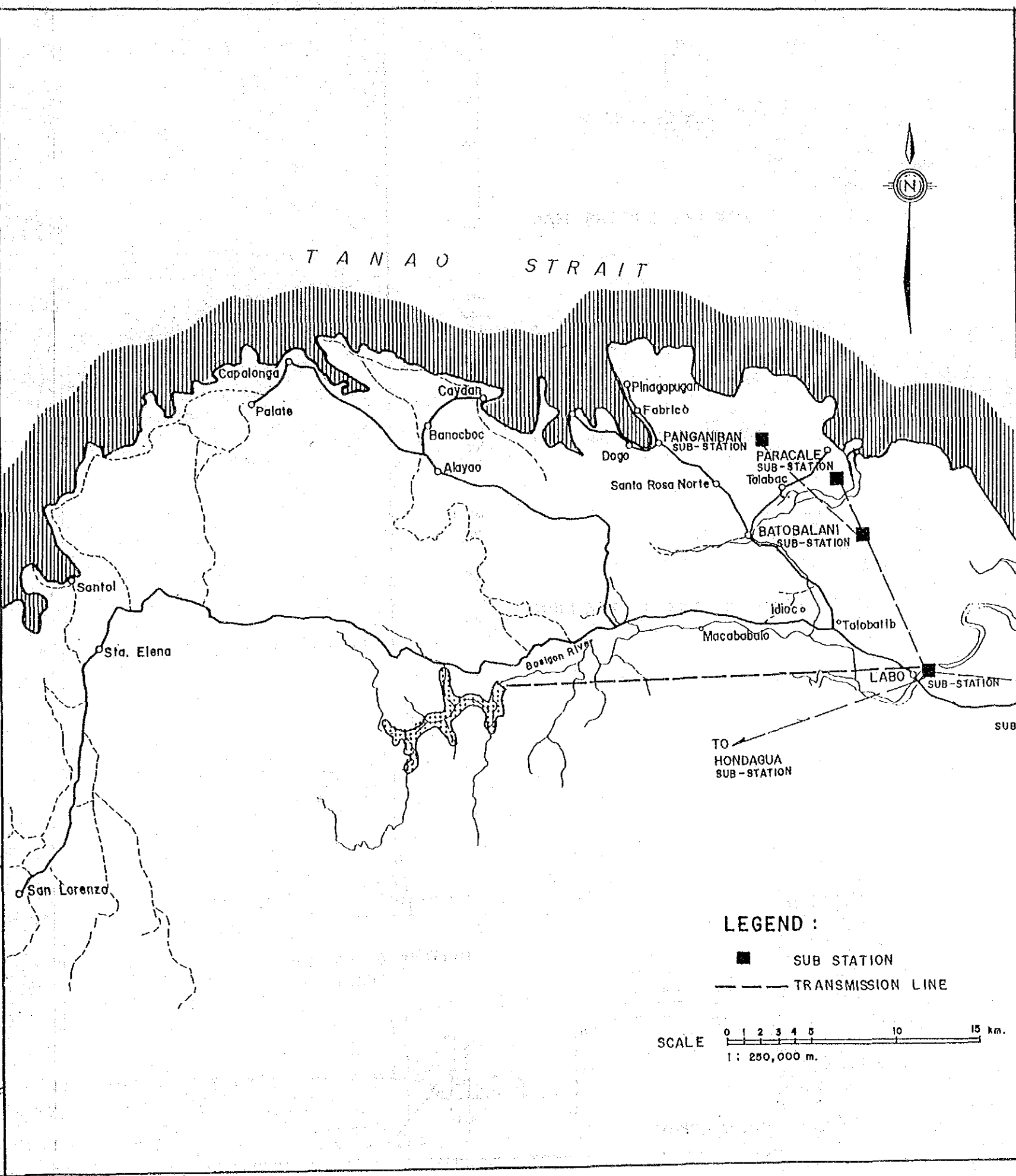
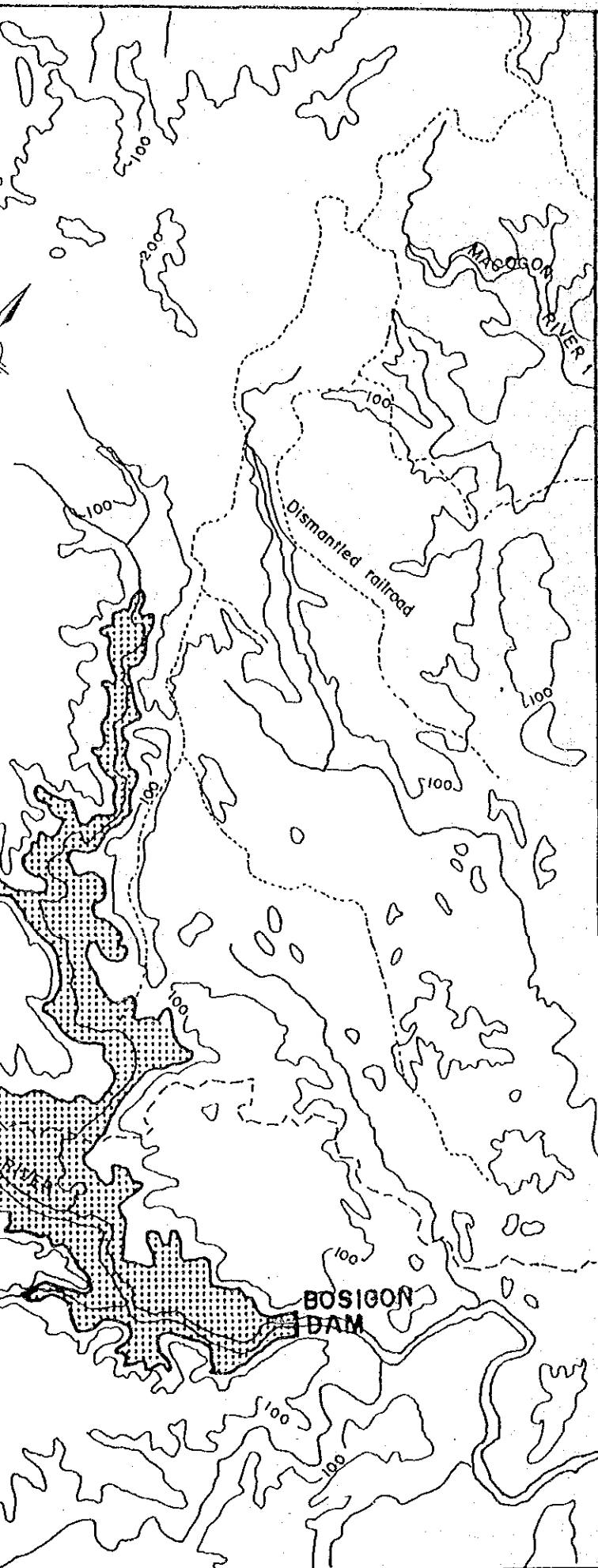
POWERHOUSE PLAN S = 1:1000

NATIONAL POWER CORPORATION			
SCHEME ID. NO.		4-115-01-01-0-1	
WAWA			
GENERAL LAYOUT			
DATE	AUG. 1987	DRWG. NO.	71
JAPAN INTERNATIONAL COOPERATION AGENCY			



SCALE 0 1 2 3 km.
1: 50,000 m.

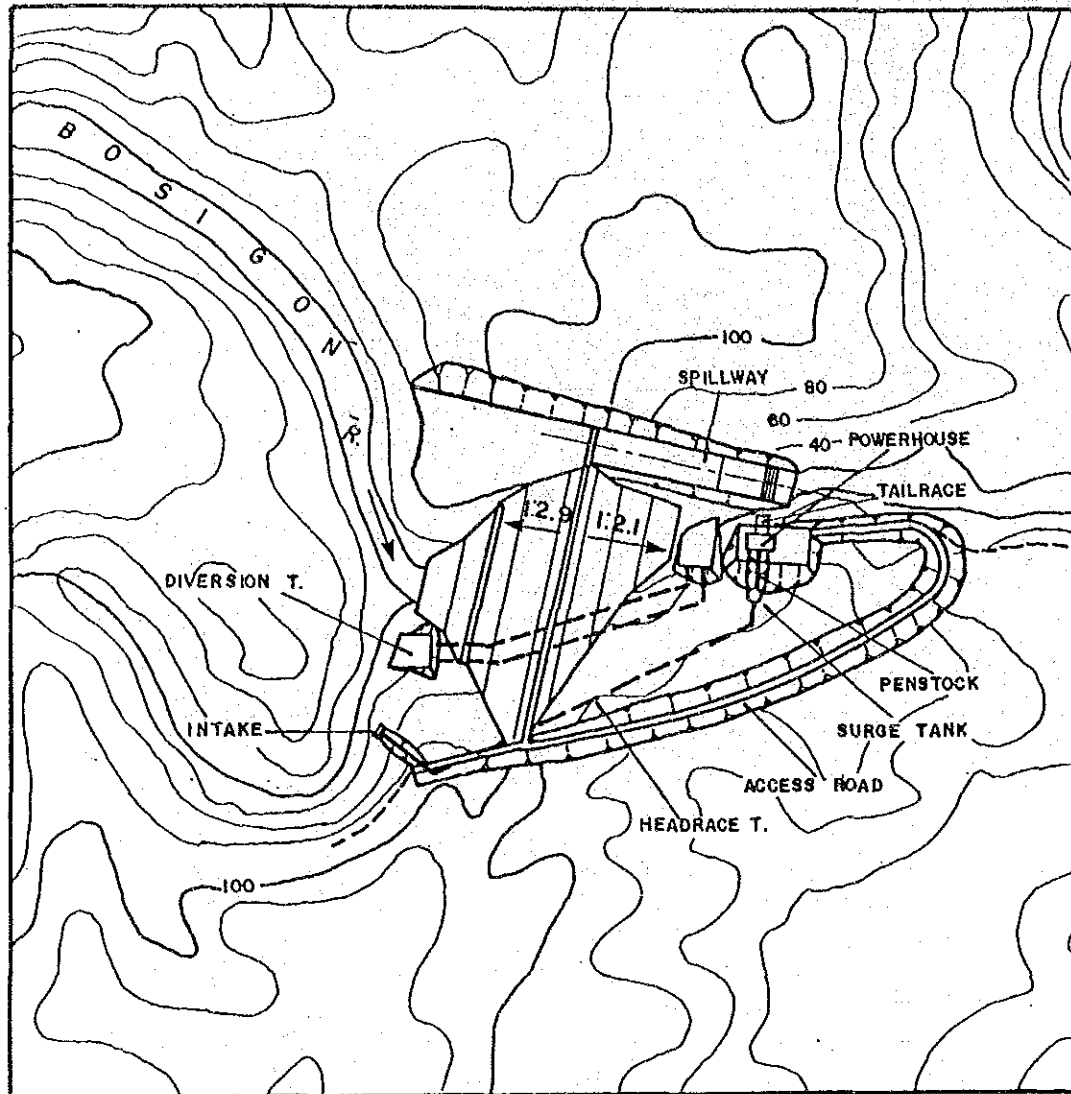




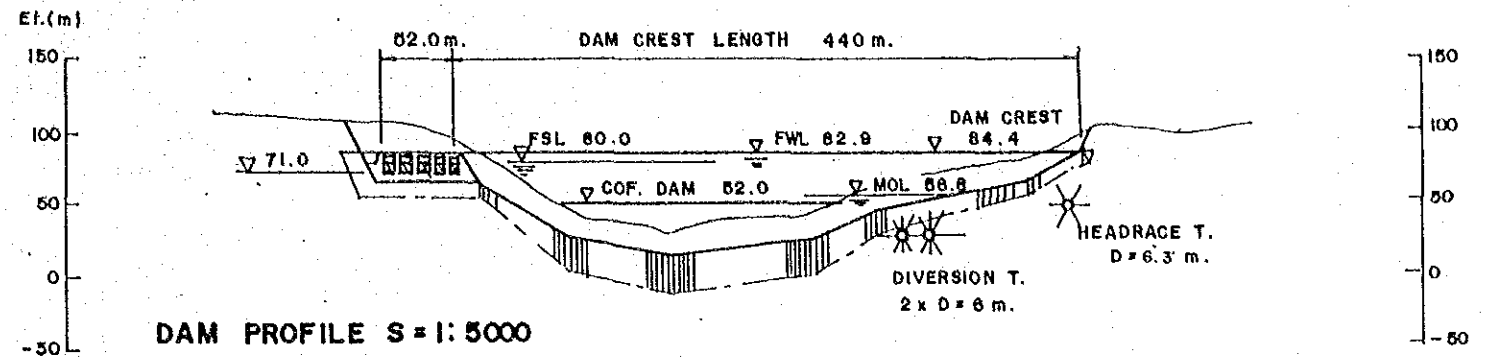
LEGEND :
 ■ SUB STATION
 - - - TRANSMISSION LINE

SCALE 0 1 2 3 4 5 10 15 km.
 1 : 250,000 m.

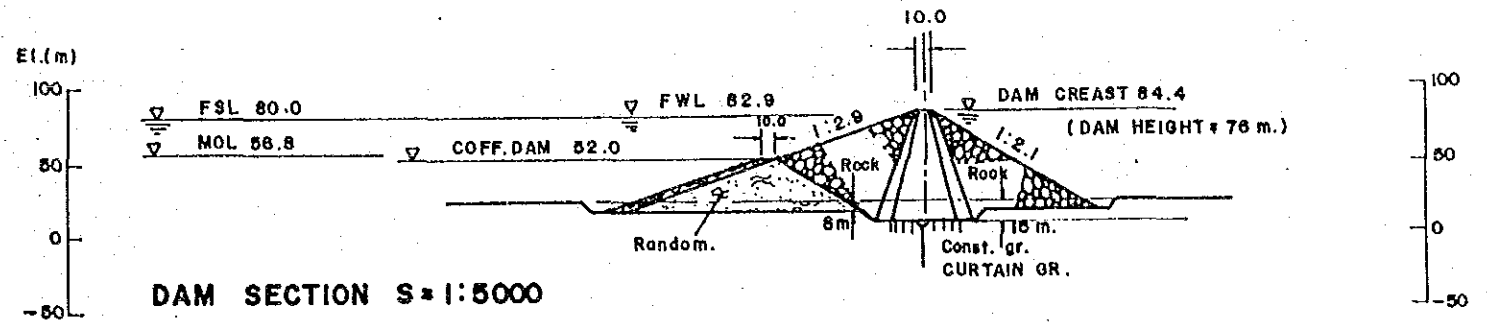
NATIONAL POWER CORPORATION			
SCHEME ID. NO.		5-014-01-01-0-1	
BOSIGON LOCATION MAP			
DATE	AUG. 1987	DRWG. NO.	72
JAPAN INTERNATIONAL COOPERATION AGENCY			



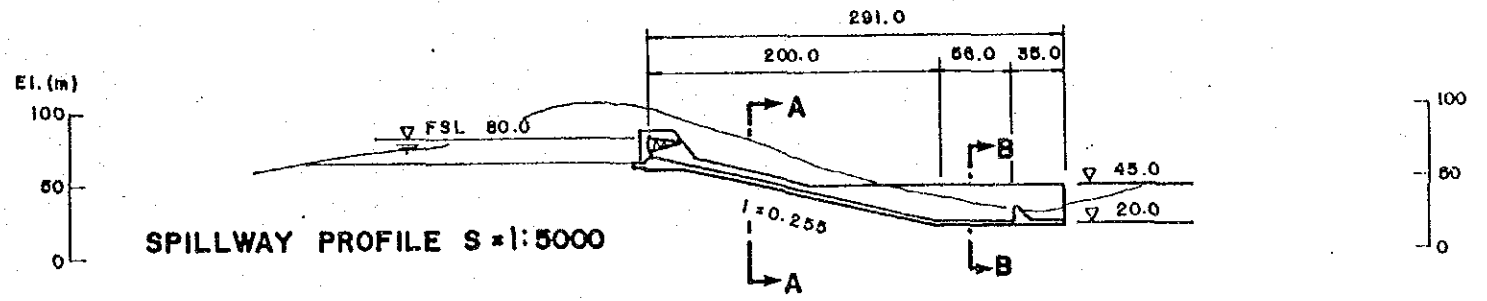
DAM PLAN S = 1: 10,000



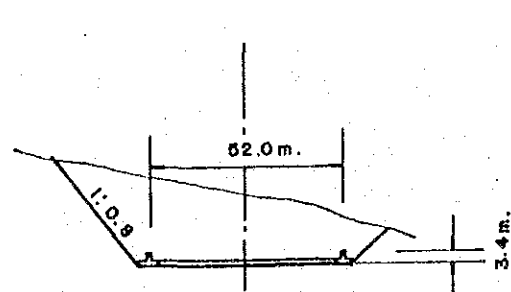
DAM PROFILE S = 1: 5000



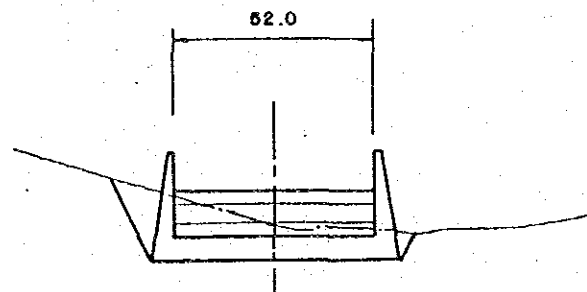
DAM SECTION S = 1: 5000



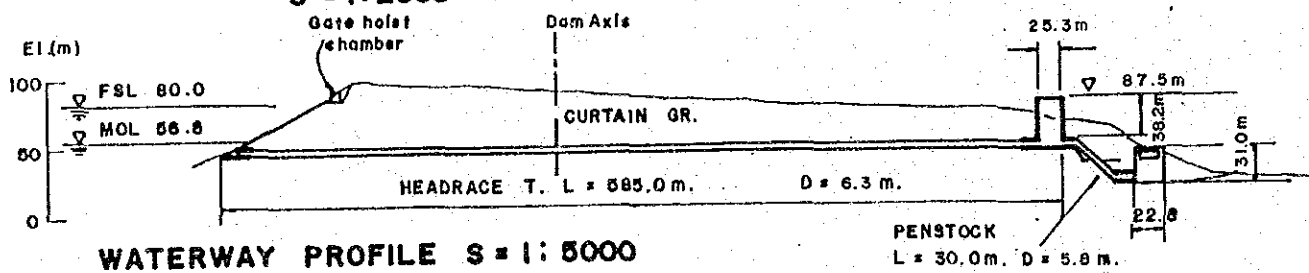
SPILLWAY PROFILE S = 1: 5000



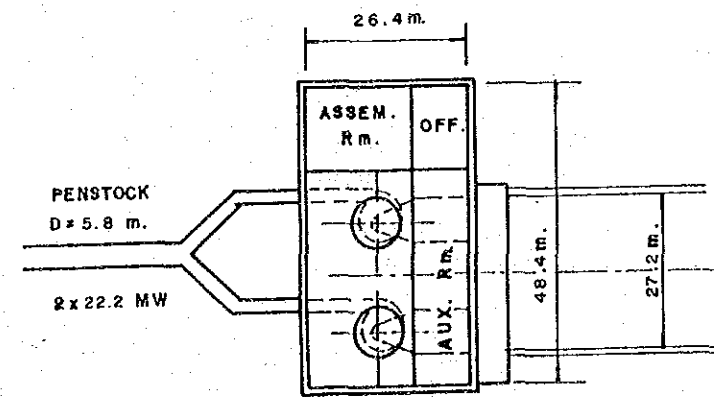
S/W CHUTEWAY SECTION S = 1: 2000



STILLING BASIN SECTION S = 1: 2000



WATERWAY PROFILE S = 1: 5000

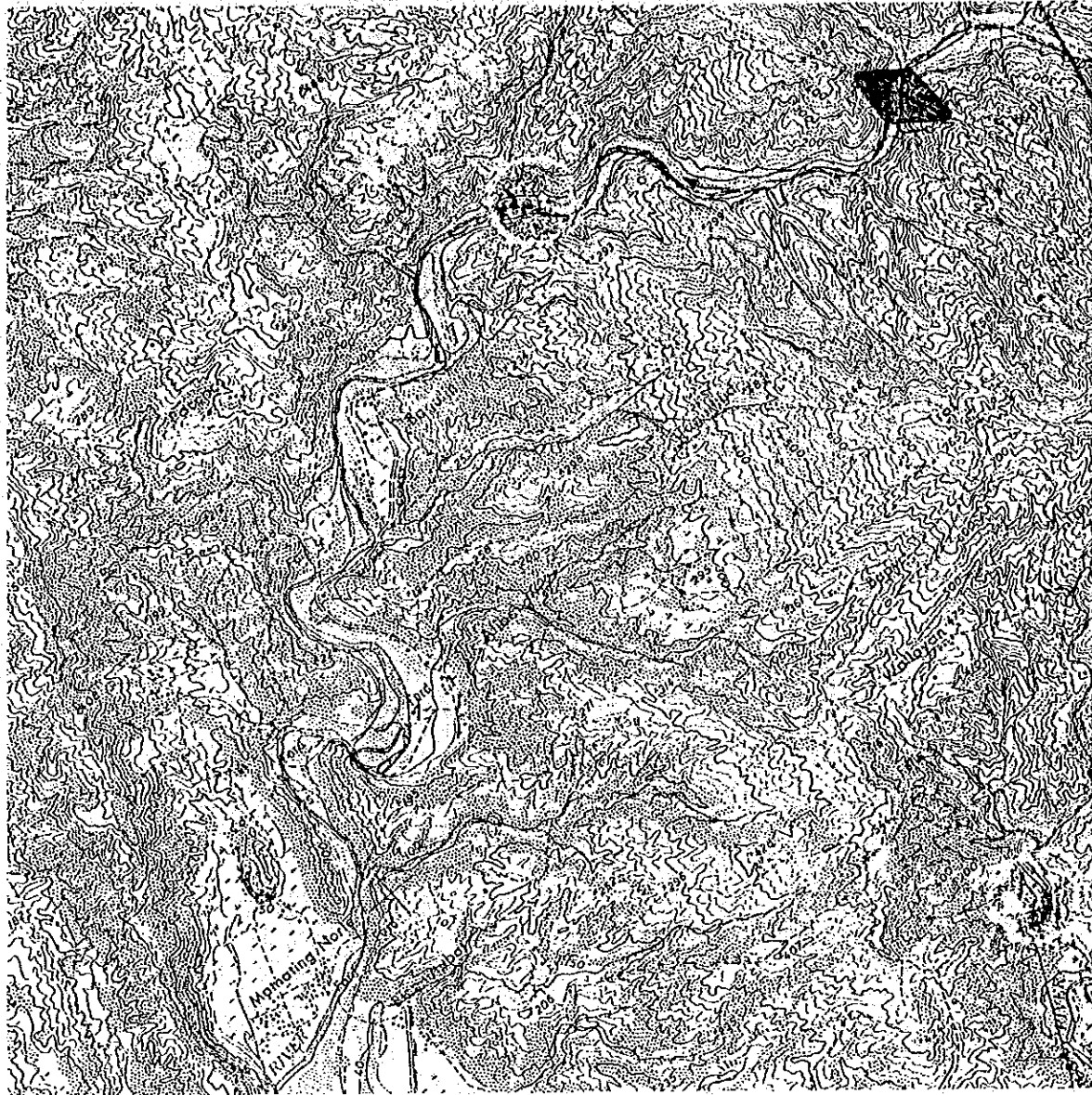


POWERHOUSE PLAN S = 1: 1000

NATIONAL POWER CORPORATION		
SCHEME ID. NO.	5-014-01-01-0-1	
BOSIGON GENERAL LAYOUT		
DATE	AUG. 1987	DRWG. NO. 73
JAPAN INTERNATIONAL COOPERATION AGENCY		

水力地点の概略位置図

General Development Plan

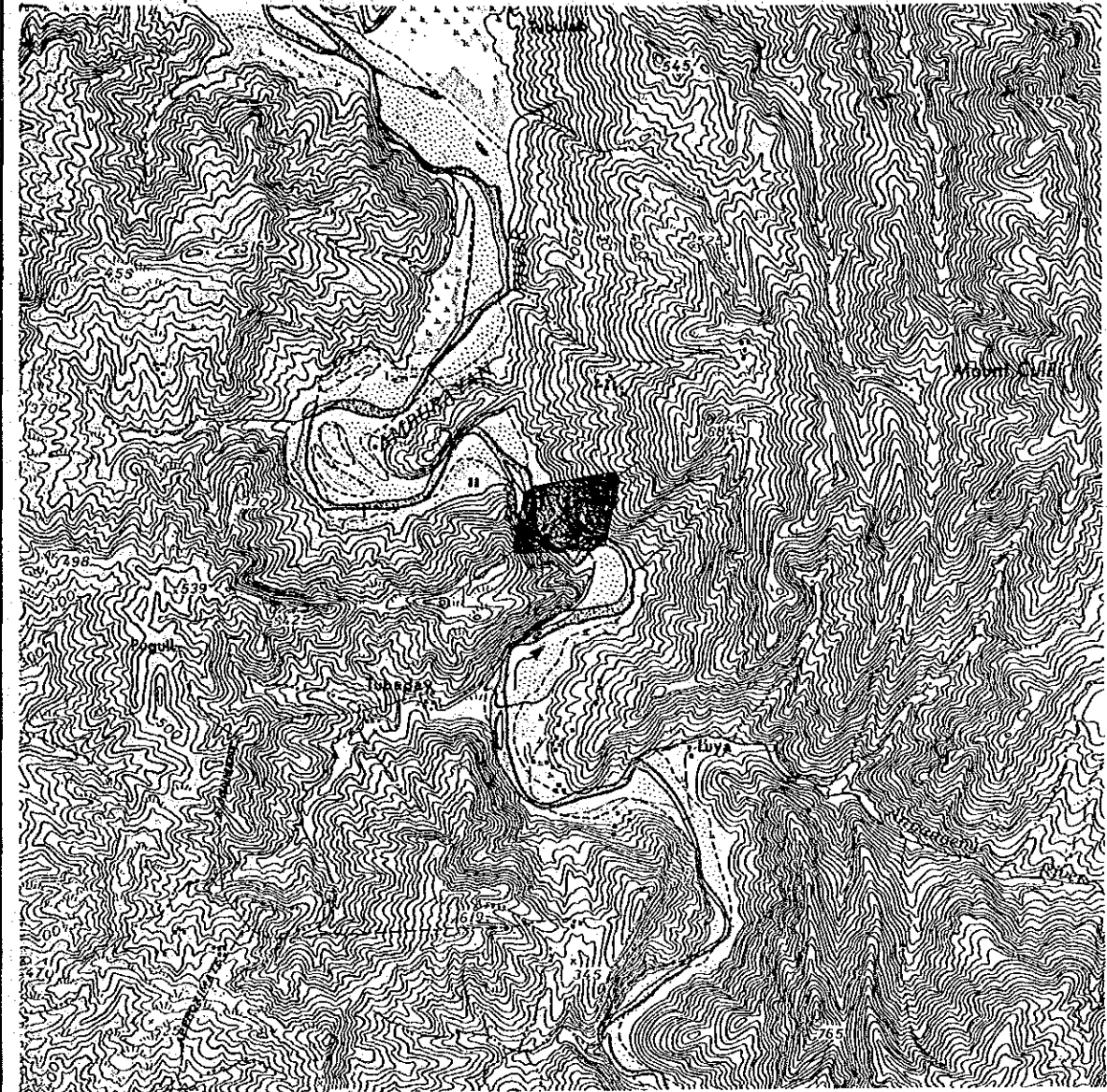


Scheme Name : BAGULIN
 ID No. : 1-003-00-01-0-1
 Type of Development : RESERVOIR
 Ref. Map No. : 3069-1

Catchment Area(km²) : 297.0
 Dam Height(m) : 197.0
 Plant Max. Discharge(m³/s) : 135.9
 Installed Capacity(MW) : 183.8
 Annual Energy Output(GWh) : 342.9

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 IN LUZON ISLAND
 JAPAN INTERNATIONAL COOPERATION AGENCY

General Development Plan



Scheme Name : LUYA
 ID No. : 1-010-00-01-0-1
 Type of Development : RESERVOIR
 Ref. Map No. : 3170-III

Catchment Area(km²) : 599.0
 Dam Height(m) : 231.0
 Plant Max. Discharge(m³/s) : 262.8
 Installed Capacity(MW) : 411.7
 Annual Energy Output(GWh) : 768.5

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 IN LUZON ISLAND
 JAPAN INTERNATIONAL COOPERATION AGENCY

General Development Plan

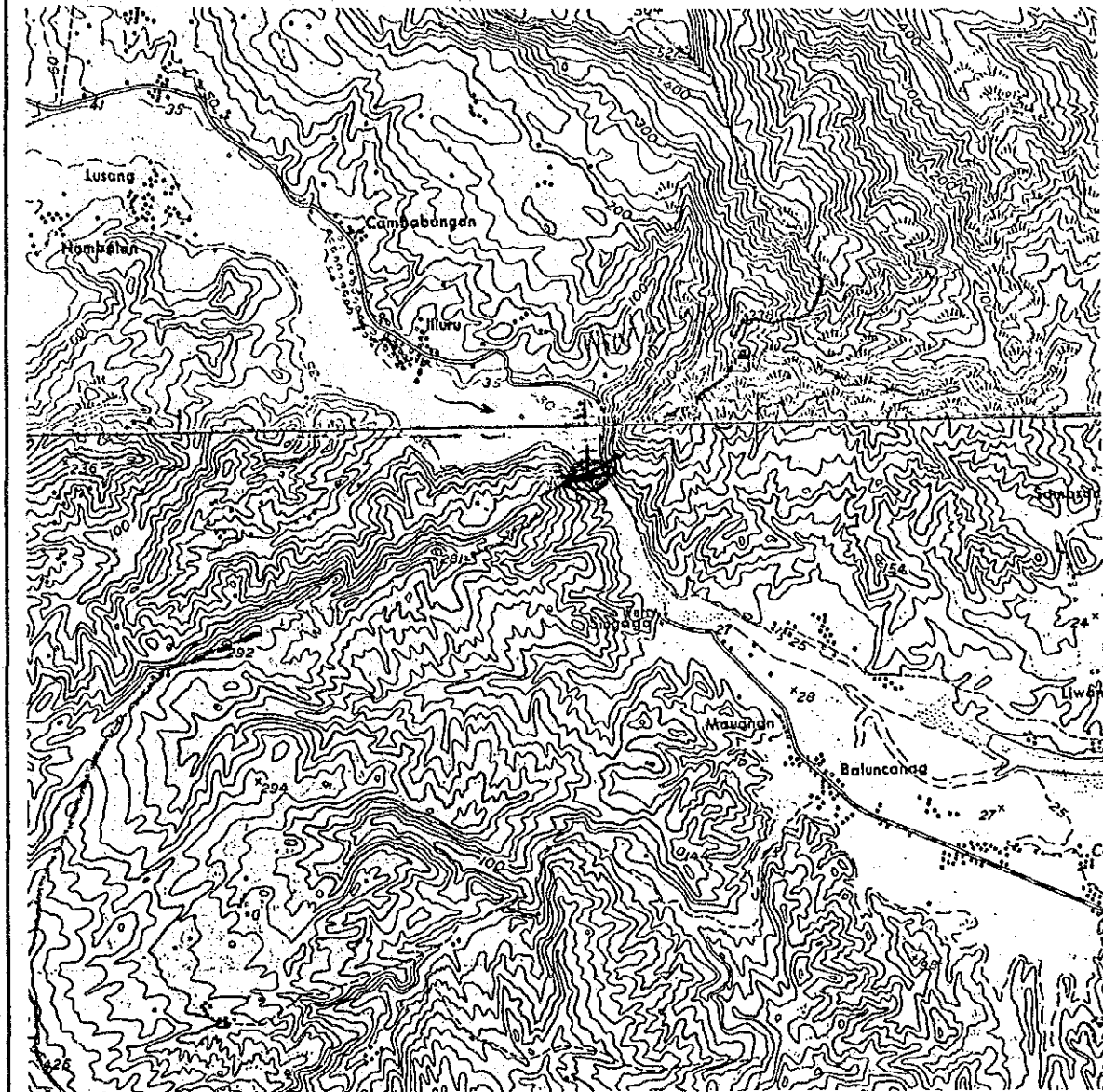


Scheme Name : ZIMIGUI
 ID No. : 2-005-00-02-0-1
 Type of Development : RESERVOIR
 Ref. Map No. : 3275-11

Catchment Area(km²) : 342.7
 Dam Height(m) : 74.0
 Plant Max. Discharge(m³/s) : 139.5
 Installed Capacity(MW) : 64.7
 Annual Energy Output(GWh) : 177.5

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 STUDY ON HYDROPOWER POTENTIALS
 IN LUZON ISLAND
 JAPAN INTERNATIONAL COOPERATION AGENCY

General Development Plan

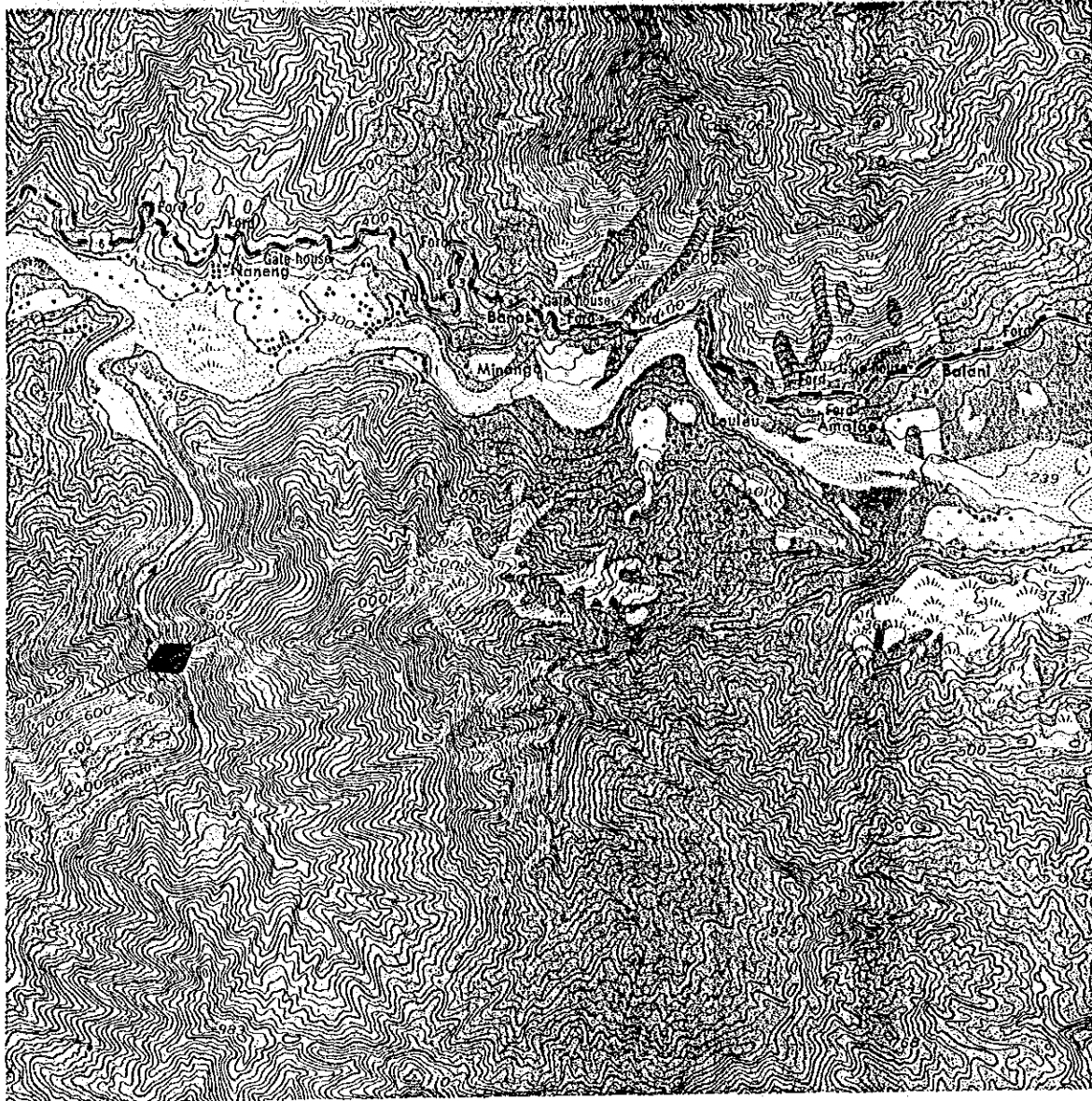


Scheme Name : MATALAG
 ID No. : 2-008-04-01-0-1
 Type of Development : RESERVOIR
 Ref. Map No. : 3273-11

Catchment Area(km²) : 666.4
 Dam Height(m) : 59.3
 Plant Max. Discharge(m³/s) : 64.2
 Installed Capacity(MW) : 23.4
 Annual Energy Output(GWh) : 80.7

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 IN LUZON ISLAND
 JAPAN INTERNATIONAL COOPERATION AGENCY

General Development Plan

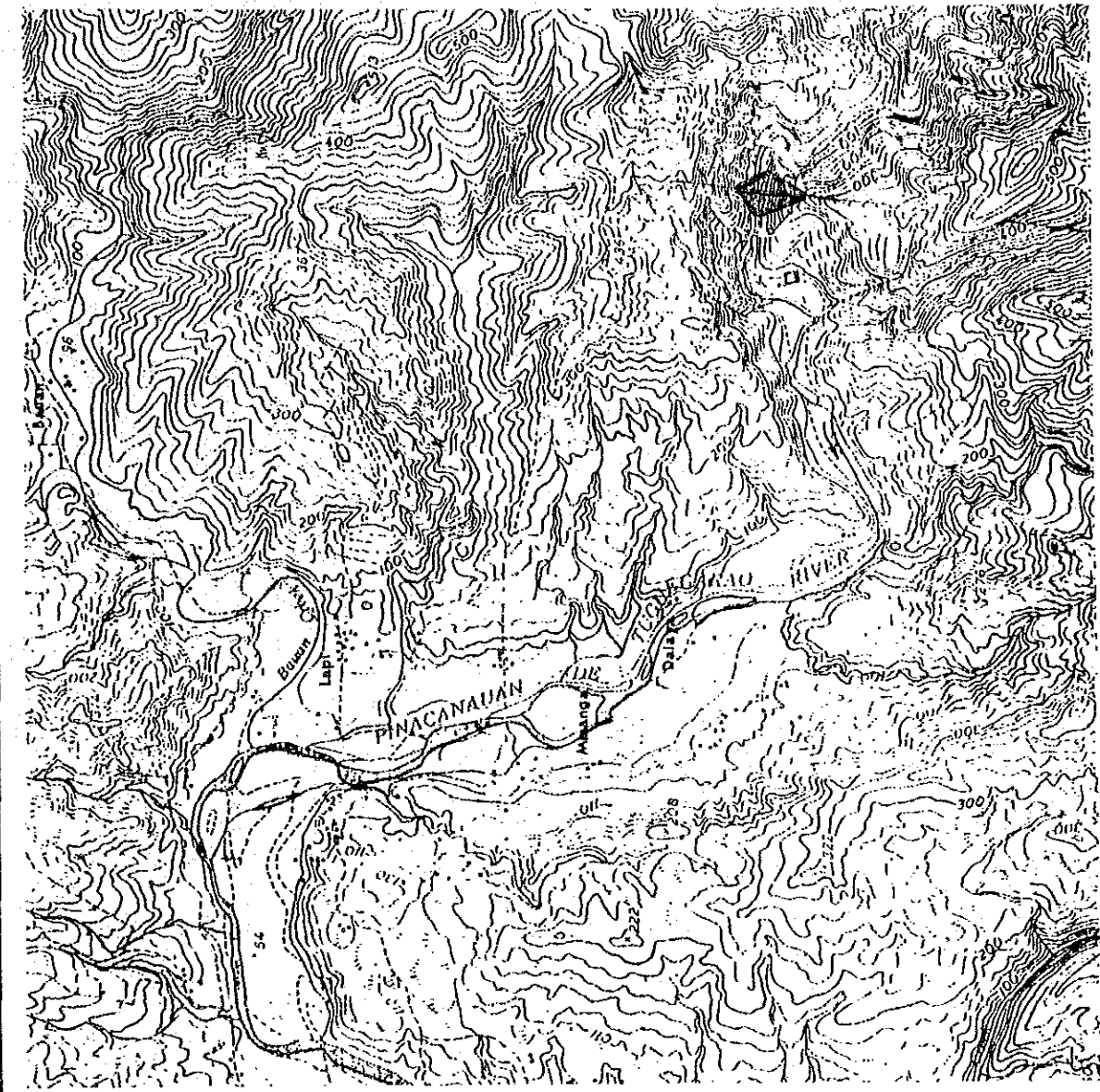


Scheme Name : NANENG
 ID No. : 2-008-06-19-0-1
 Type of Development : RESERVOIR
 Ref. Map No. : 3272-II

Catchment Area(km²) : 365.0
 Dam Height(m) : 178.0
 Plant Max. Discharge(m³/s) : 67.0
 Installed Capacity(MW) : 82.2
 Annual Energy Output(GWh) : 209.6

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 STUDY ON HYDROPOWER POTENTIALS
 IN LUZON ISLAND
 JAPAN INTERNATIONAL COOPERATION AGENCY

General Development Plan

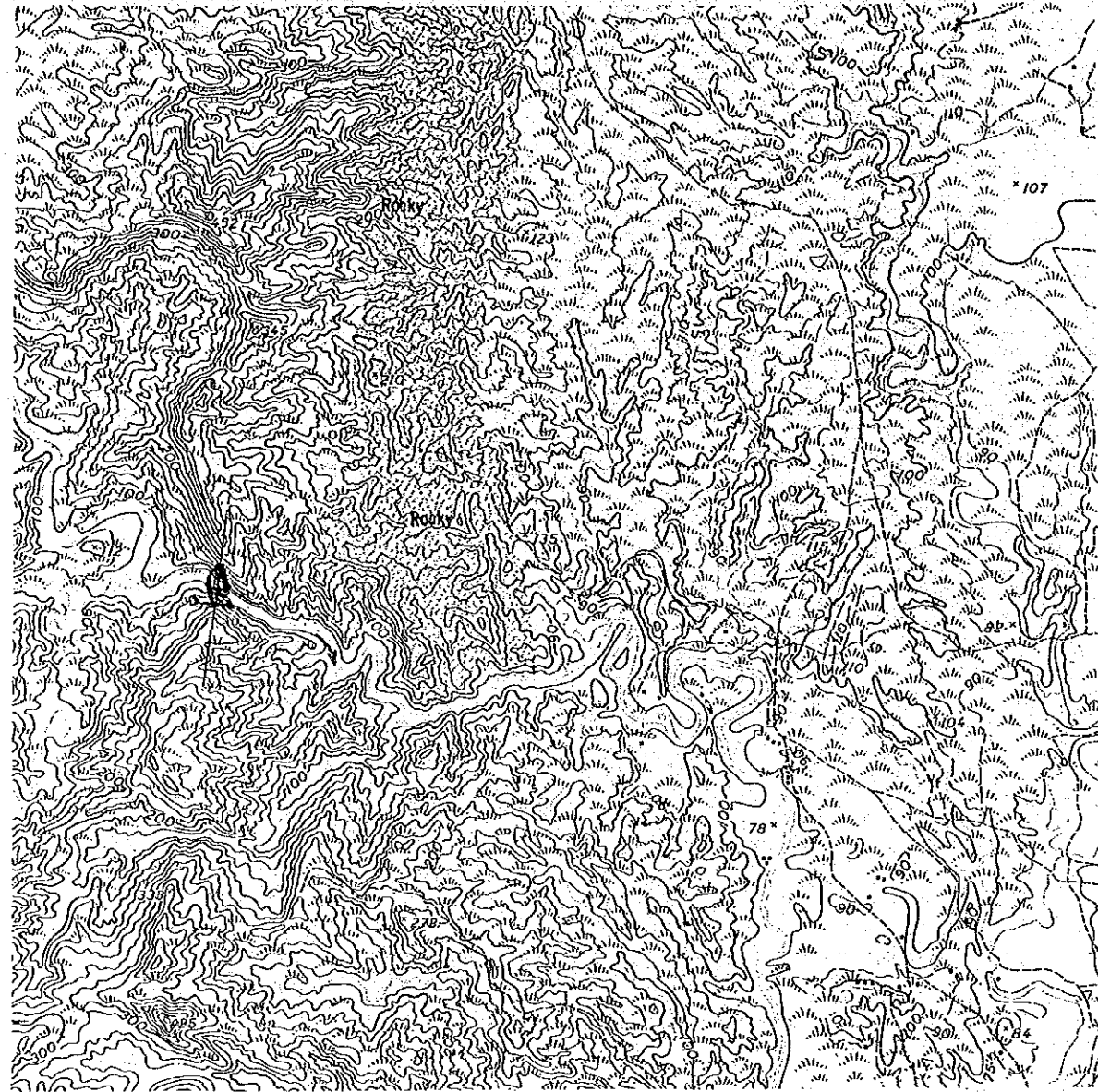


Scheme Name : DALAYA
 ID No. : 2-008-08-26-0-1
 Type of Development : RESERVOIR
 Ref. Map No. : 3373-II

Catchment Area(km²) : 216.7
 Dam Height(m) : 158.0
 Plant Max. Discharge(m³/s) : 95.7
 Installed Capacity(MW) : 100.9
 Annual Energy Output(GWh) : 223.7

NATIONAL POWER CORPORATION
 STUDY ON HYDROPOWER POTENTIALS
 IN LUZON ISLAND
 JAPAN INTERNATIONAL COOPERATION AGENCY

General Development Plan

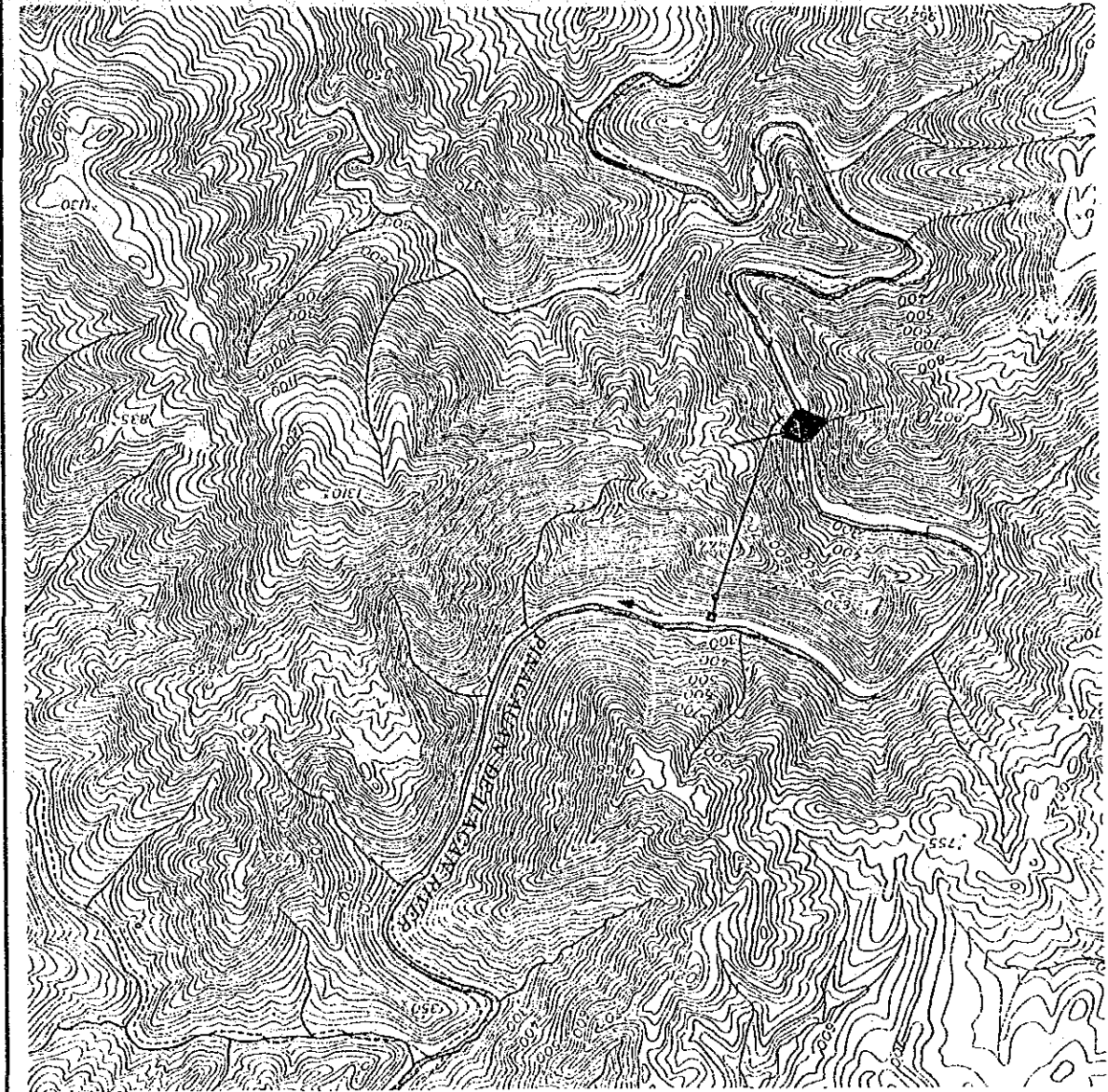


Scheme Name : TABUK
 ID No. : 2-008-13-32-0-1
 Type of Development : RESERVOIR
 Ref. Map No. : 3371-IV

Catchment Area(km²) : 439.0
 Dam Height(m) : 79.0
 Plant Max. Discharge(m³/s) : 71.8
 Installed Capacity(MW) : 36.6
 Annual Energy Output(GWh) : 81.1

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 IN LUZON ISLAND
 JAPAN INTERNATIONAL COOPERATION AGENCY

General Development Plan

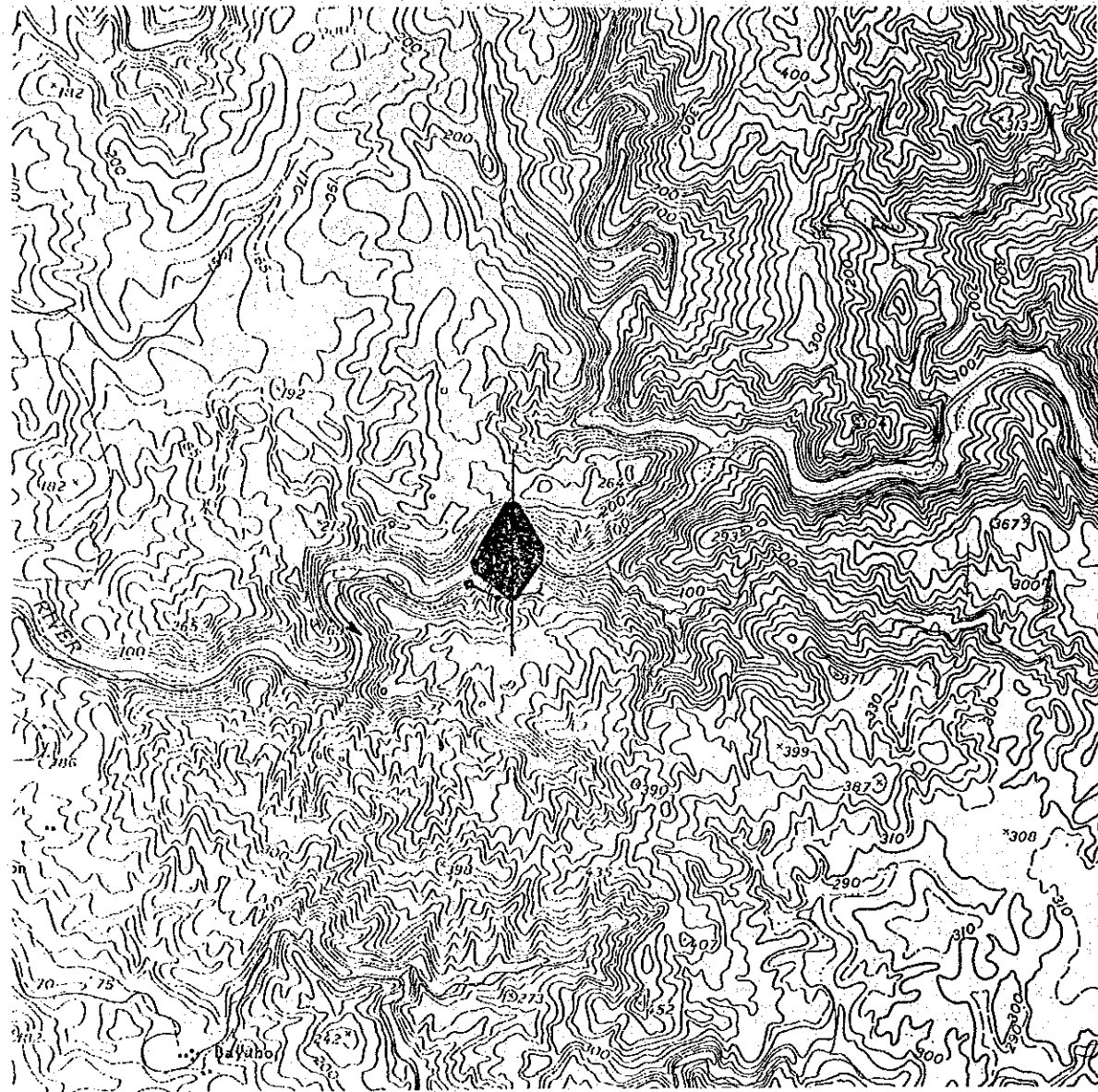


Scheme Name : ILAGAN-1
 ID No. : 2-008-14-35-0-1
 Type of Development : RESERVOIR
 Ref. Map No. : 3469-IV

Catchment Area(km²) : 413.7
 Dam Height(m) : 186.0
 Plant Max. Discharge(m³/s) : 135.0
 Installed Capacity(MW) : 208.4
 Annual Energy Output(GWh) : 401.2

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 IN LUZON ISLAND
 JAPAN INTERNATIONAL COOPERATION AGENCY

General Development Plan

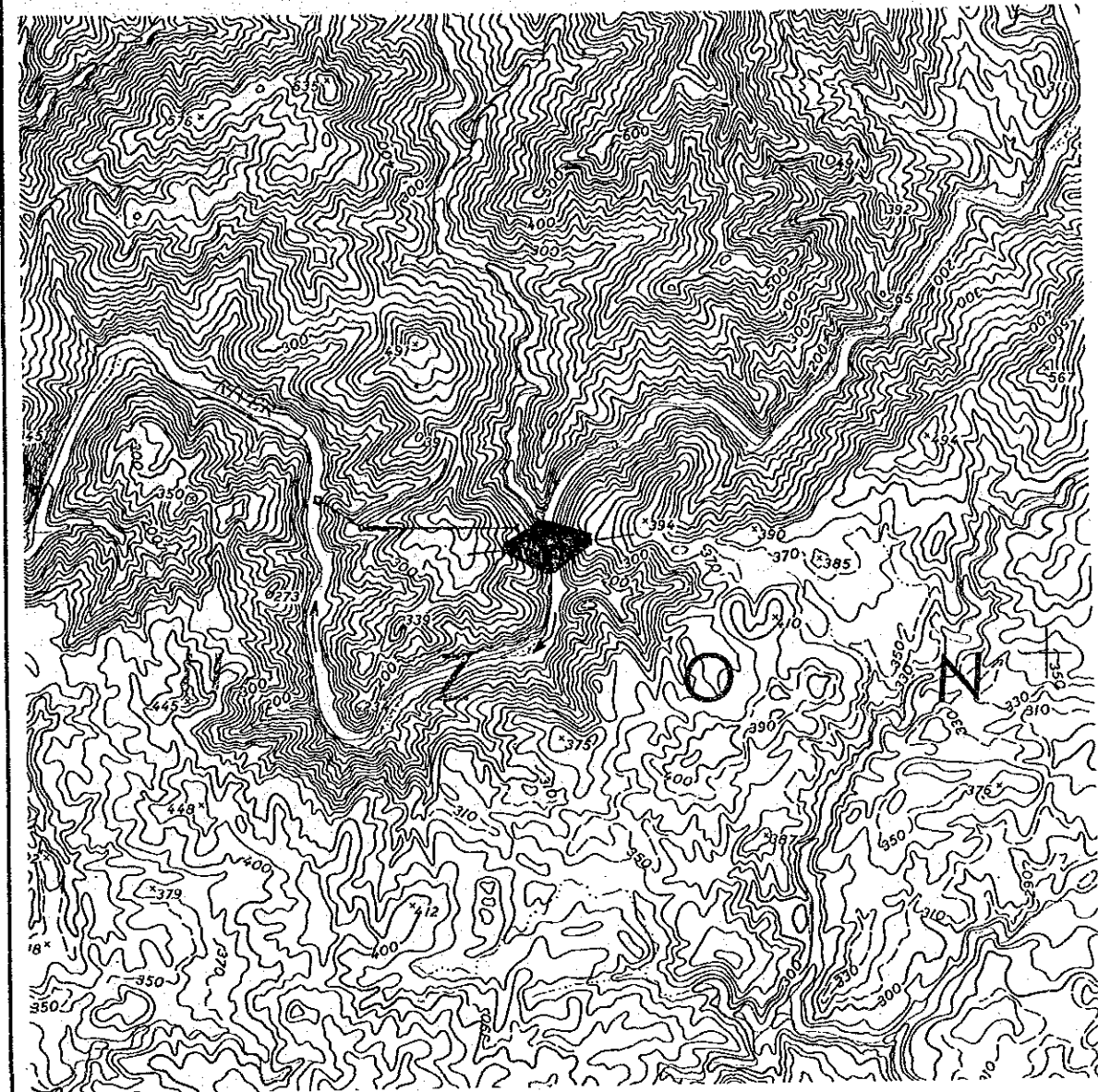


Scheme Name : BALLASANG
 ID No. : 2-008-15-38-0-1
 Type of Development : RESERVOIR
 Ref. Map No. : 3471-III

Catchment Area(km²) : 462.0
 Dam Height(m) : 141.0
 Plant Max. Discharge(m³/s) : 149.1
 Installed Capacity(MW) : 139.2
 Annual Energy Output(GWh) : 341.6

NATIONAL POWER CORPORATION
 STUDY ON HYDROPOWER POTENTIALS
 IN LUZON ISLAND
 JAPAN INTERNATIONAL COOPERATION AGENCY

General Development Plan



Scheme Name : ABUAN-1
 ID No. : 2-008-15-39-0-1
 Type of Development : RESERVOIR
 Ref. Map No. : 3471-III

Catchment Area(km²) : 355.3
 Dam Height(m) : 173.0
 Plant Max. Discharge(m³/s) : 146.6
 Installed Capacity(MW) : 185.6
 Annual Energy Output(GWh) : 373.3

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 IN LUZON ISLAND
 JAPAN INTERNATIONAL COOPERATION AGENCY