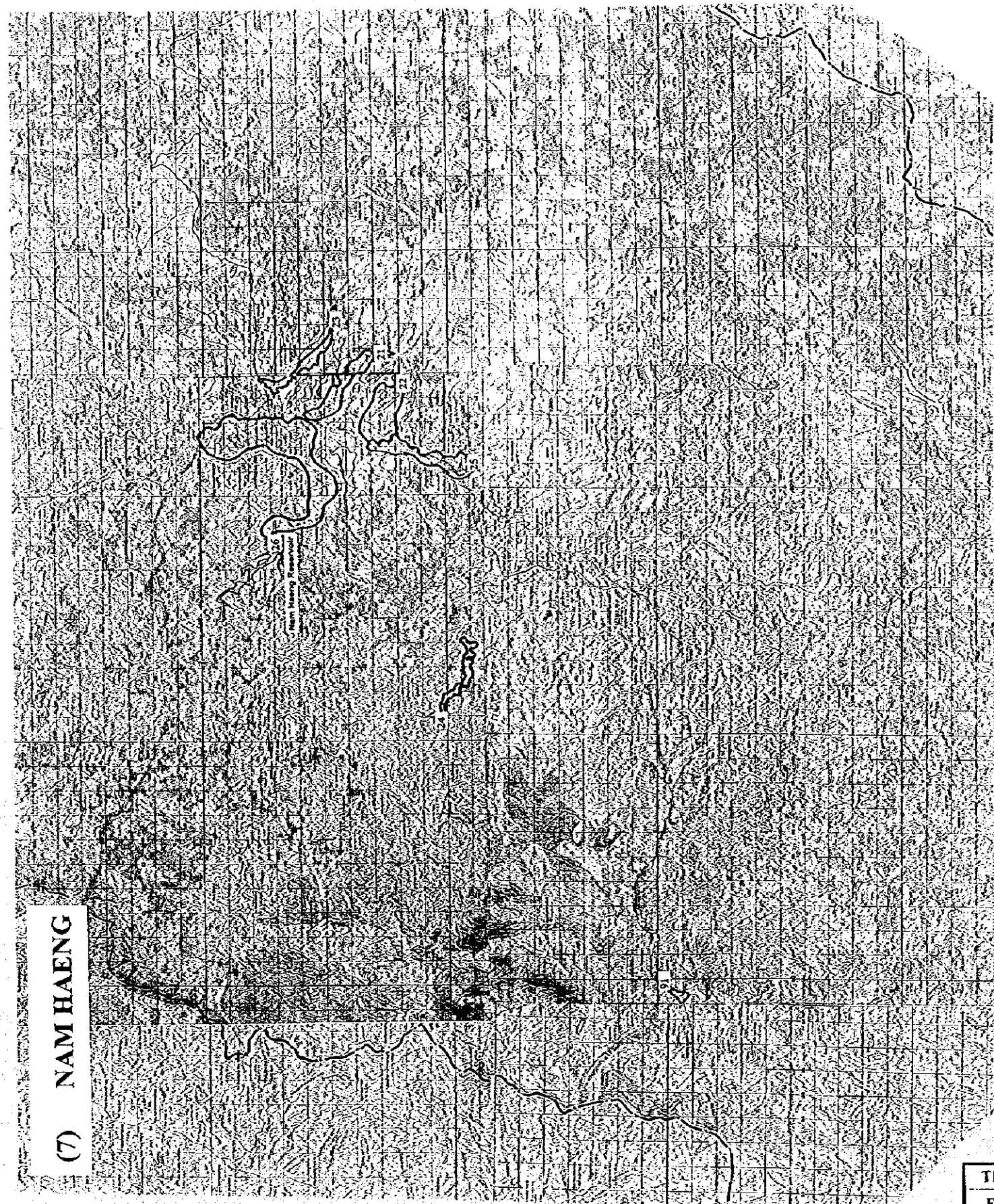


(6) NAM WA

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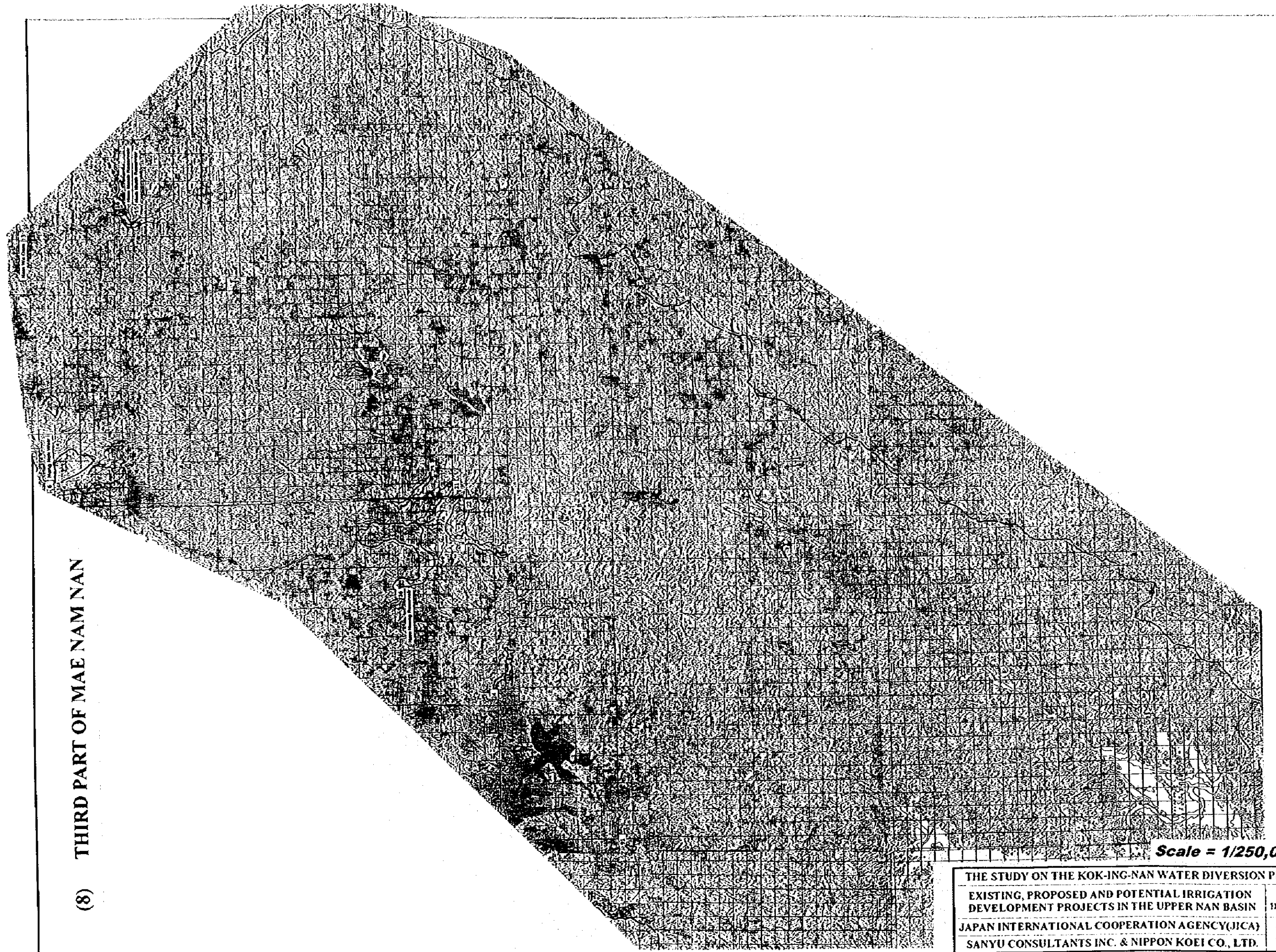
THE STUDY ON THE KOK-ING-NAN WATER DIVERSION PROJECT	
EXISTING, PROPOSED AND POTENTIAL IRRIGATION DEVELOPMENT PROJECTS IN THE UPPER NAN BASIN	Map & Drawing No.
JAPAN INTERNATIONAL COOPERATION AGENCY(JICA) SANYU CONSULTANTS INC. & NIPPON KOEI CO., LTD.	IV-16



(7) NAM HAENG

Scale = 1/200,000

THE STUDY ON THE KOK-ING-NAN WATER DIVERSION PROJECT	
EXISTING, PROPOSED AND POTENTIAL IRRIGATION DEVELOPMENT PROJECTS IN THE UPPER NAN BASIN	Map & Drawing No.
JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	IV-17
SANYU CONSULTANTS INC. & NIPPON KOEI CO., LTD.	



THIRD PART OF MAE NAM NAN

(8)

Scale = 1/250,000

THE STUDY ON THE KOK-ING-NAN WATER DIVERSION PROJECT	
EXISTING, PROPOSED AND POTENTIAL IRRIGATION DEVELOPMENT PROJECTS IN THE UPPER NAN BASIN	Map & Drawing No.
JAPAN INTERNATIONAL COOPERATION AGENCY(JICA)	IV-18
SANYU CONSULTANTS INC. & NIPPON KOEI CO., LTD.	

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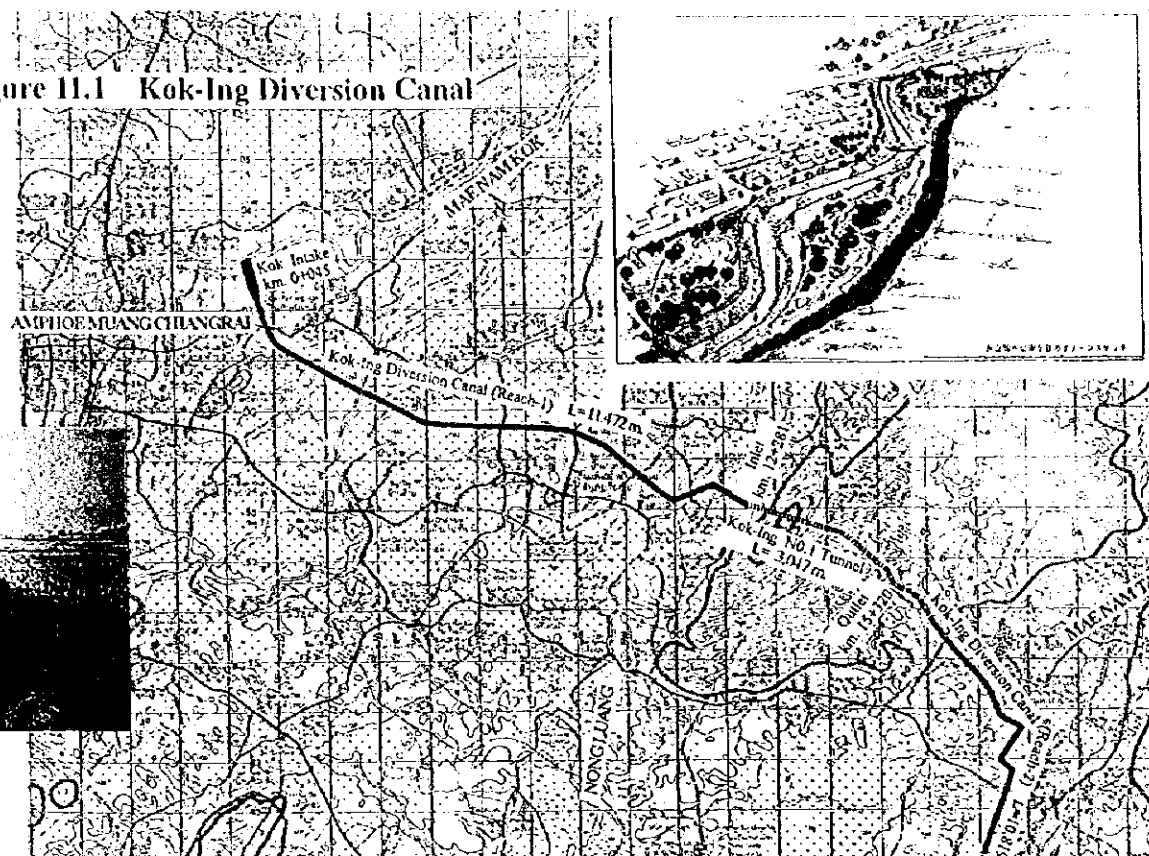
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11.1.2 (4)-13	Geological Profile of Ing-Yot No.2 Tunnel Adit No.1		
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11.1.2 (4)-15	Geological Profile of Ing-Yot No.2 Tunnel Adit No.3		

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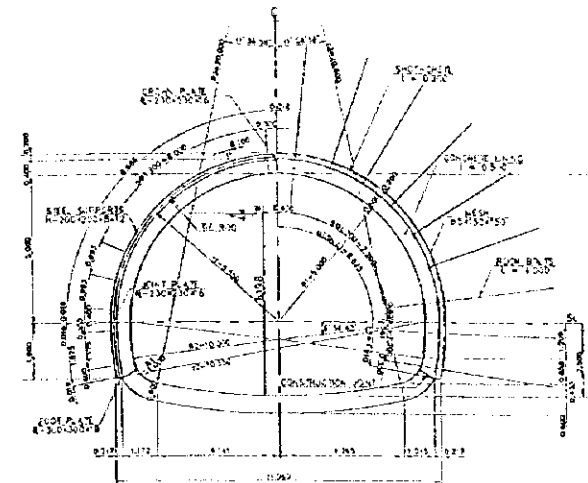
Figure No.	Title of Drawings/Figures
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11.3.3 (8)-5	Figure 11.3.3.(8)-5 Tunnel Muck Area of Division 1 of Ing-Yot Tunnel No.2

Figure 11.1 Kok-Ing Diversion Canal



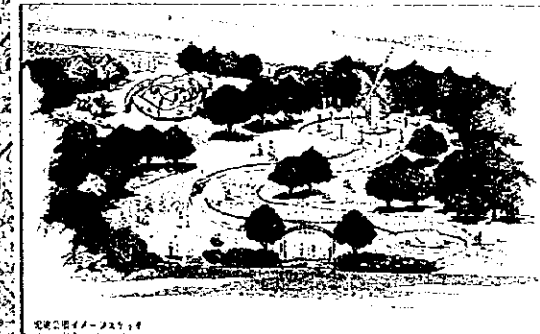
Large Plateau with Potential Cattle Breeding Area along Tunnel Route



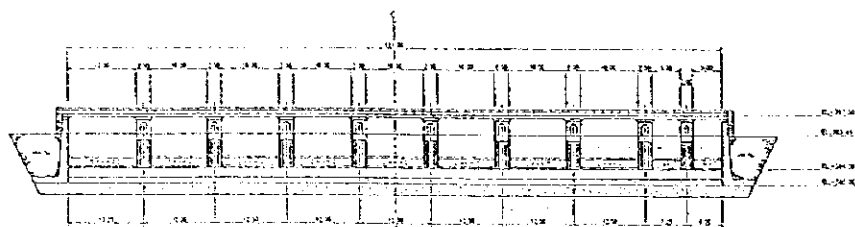
TYPE-E1



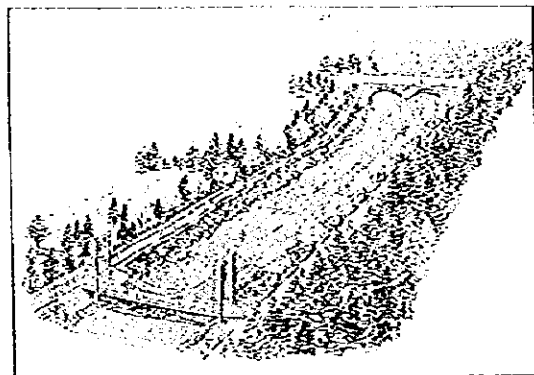
Existing Farm Condition without Crops in Dry Season



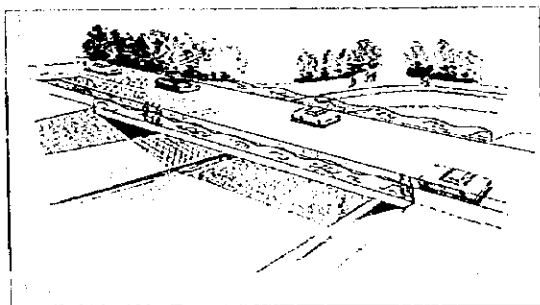
Recreation Area to be Developed along Canal



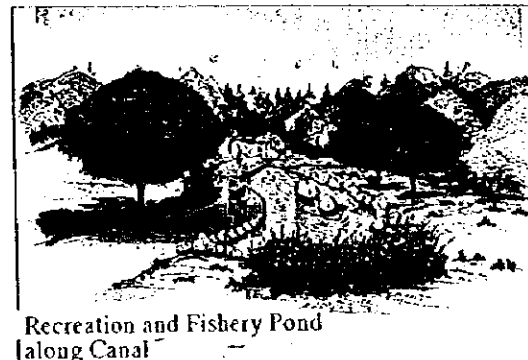
Kok Intake



Diversified Agriculture at Area along Kok-Ing Open Canal Route



Crossing Bridge at Open Canal



Recreation and Fishery Pond along Canal



Open Canal Passing through Urban Area

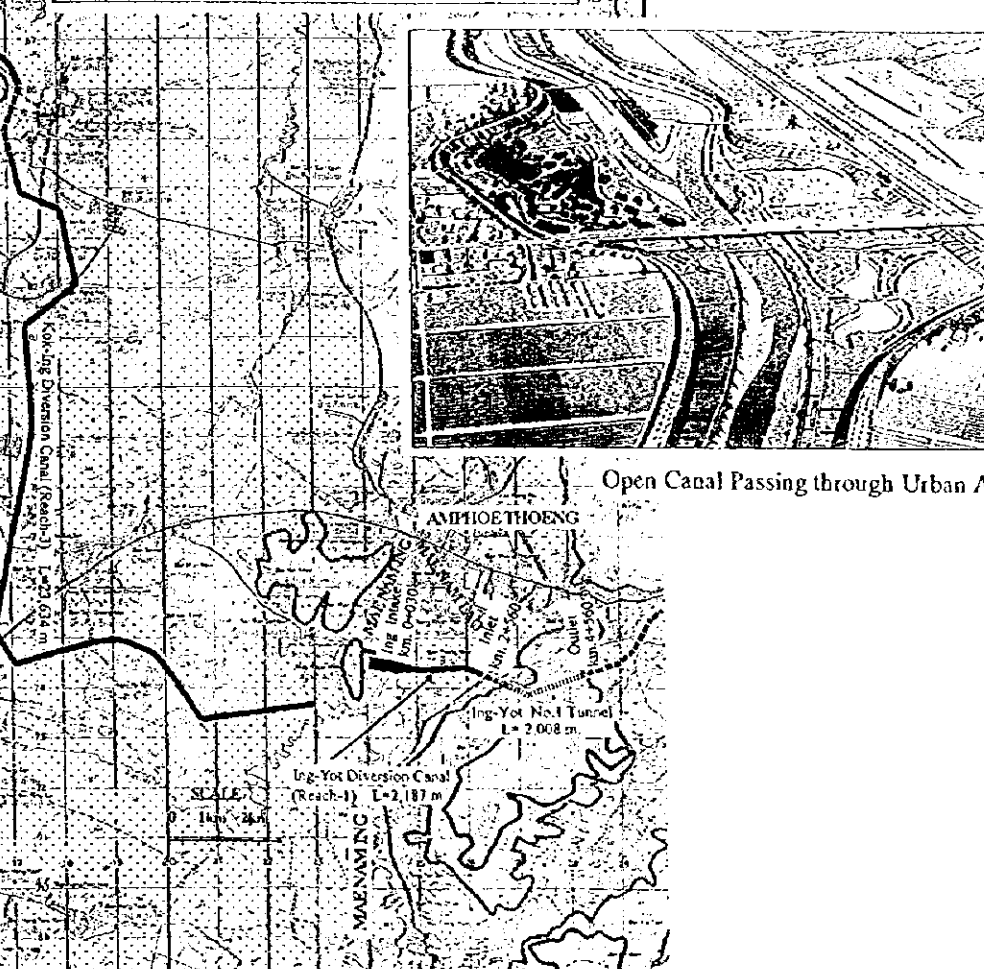
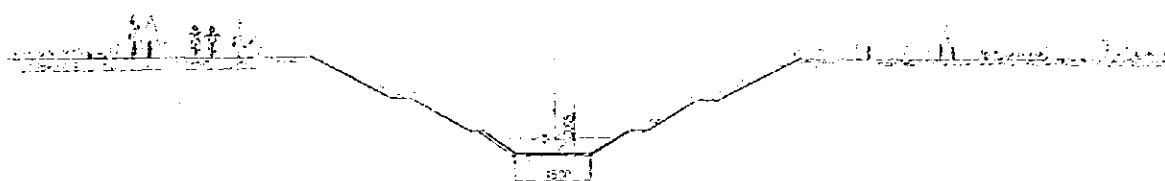
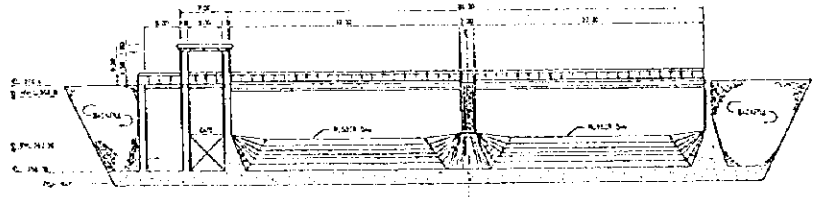
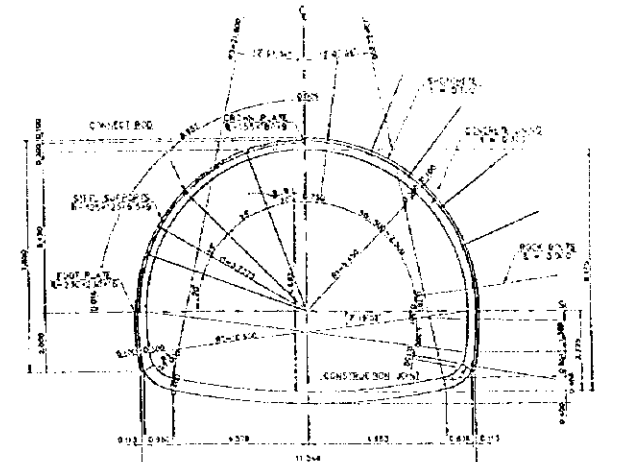
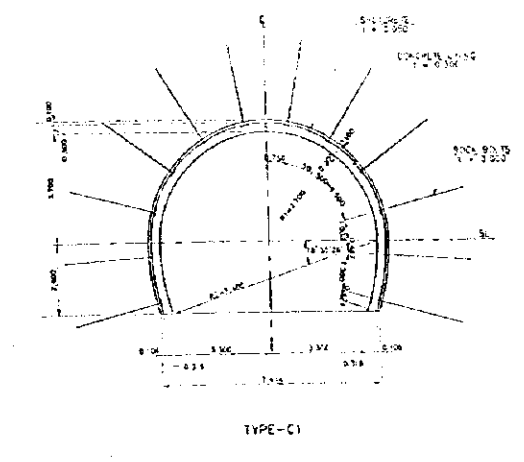
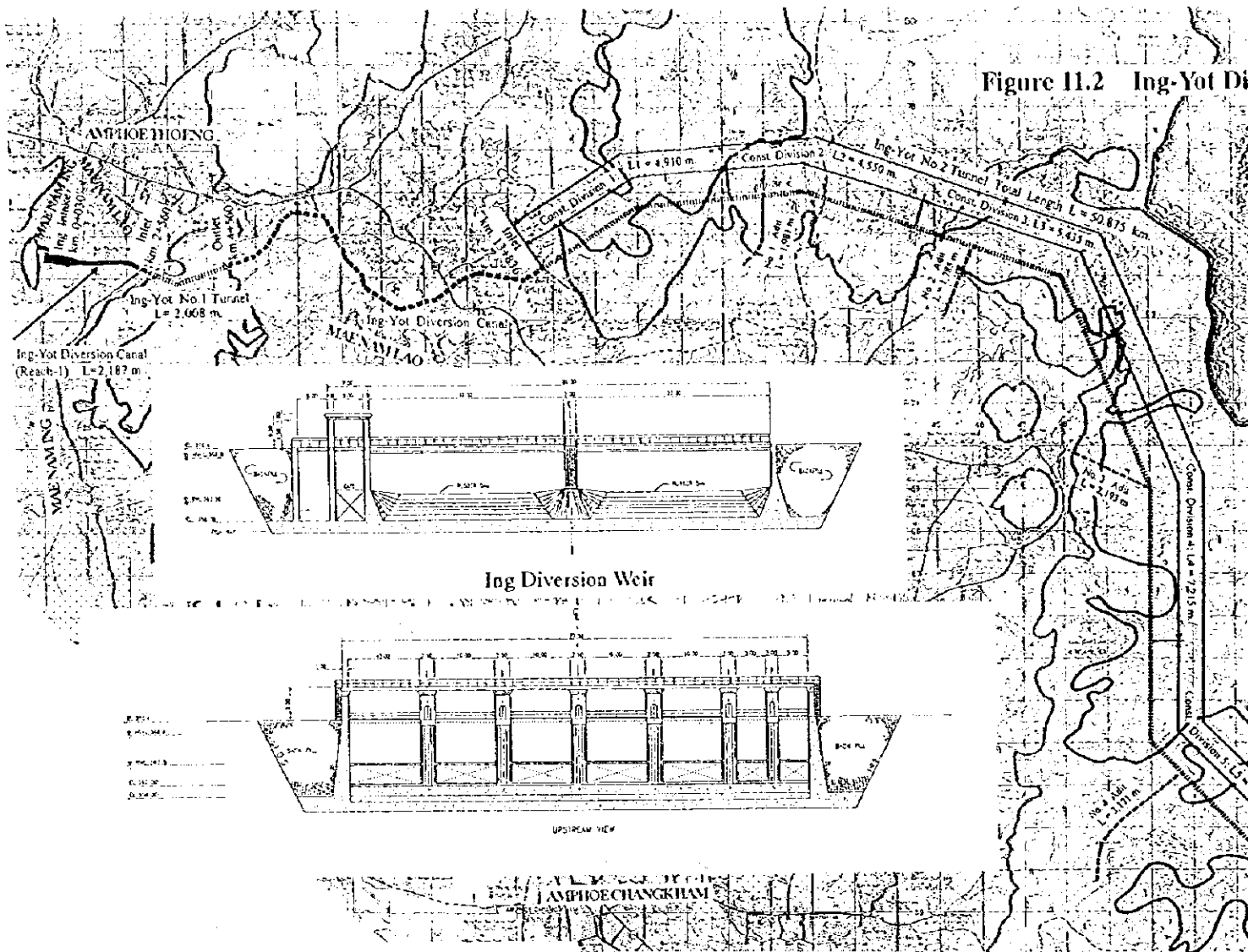
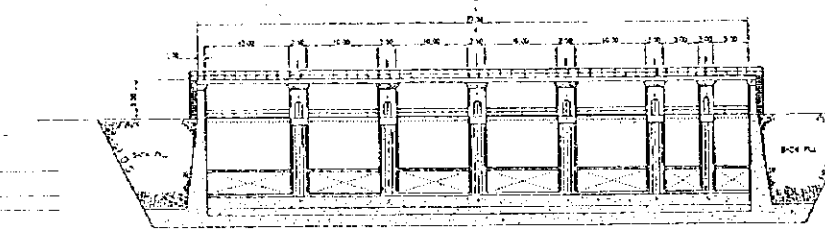


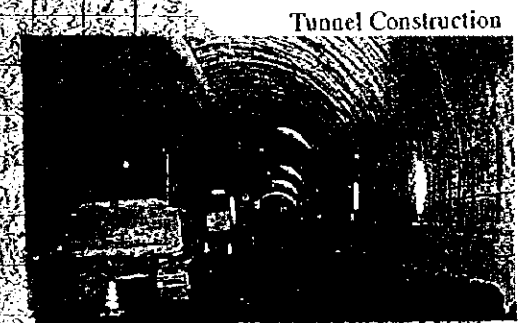
Figure 11.2 Ing-Yot Diversion Tunnel



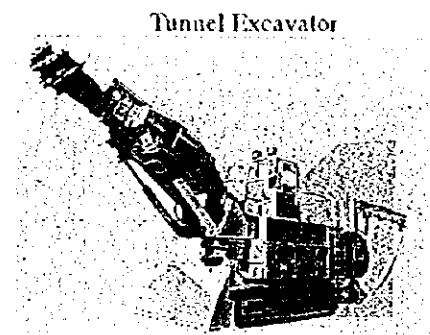
Ing Diversion Weir



UPSTREAM VIEW



Tunnel Construction



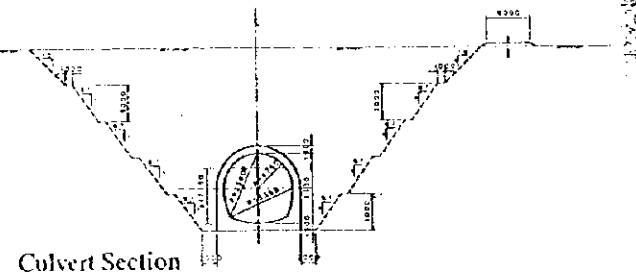
Tunnel Excavator



Treatment of Polluted Drainage Water



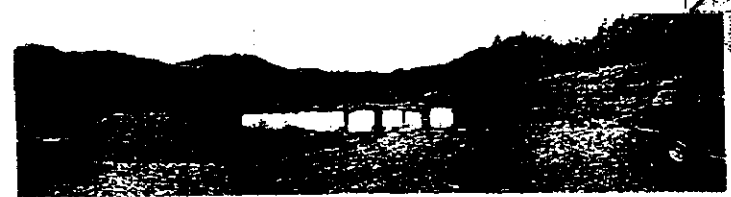
Tunnel Inlet



Culvert Section



Land Consolidation Work for Orchard by using Tunnel Muck



Orchard and Flower Garden Developed at Spoil Bank with Tunnel Muck



Eco Park Created by using Tunnel Muck



KING AMPHOE SONGKHWAE

SCALE

Ing-Yot River Training L-Can

Release the Flood Water smoothly to the "Nam Mae Nan".

- Measures**
1. Provision of Flood Control Dam
 2. Stoppage of Water Diversion when Flooding is predicted to occur in the Yao and Nan Rivers.
 3. River Channel Improvement
 4. Provision of series of consolidation sills for river channel

Present Condition of Yao River

Habitual Inundation by Flood
Agricultural Use of Narrow Plain along the River Channel



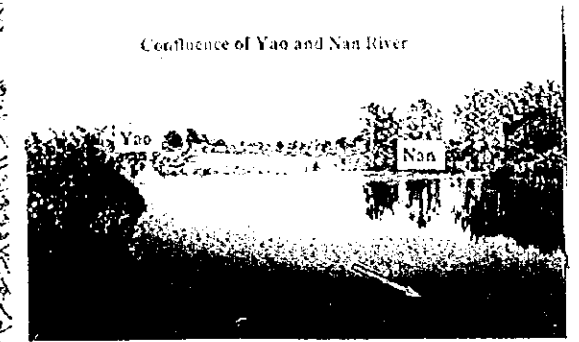
Riverbank Erosion at the Meandering Channel in the Lower Reaches



Inundation of Existing Road in Ban Song Khwac



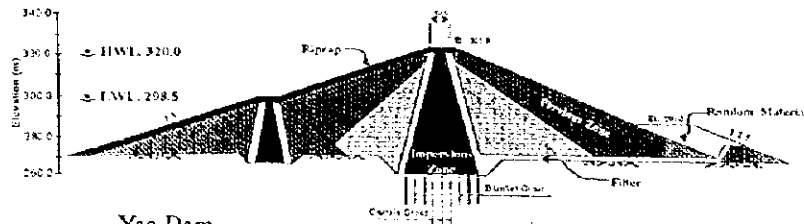
Land Use along the Middle Reaches of the Yao River



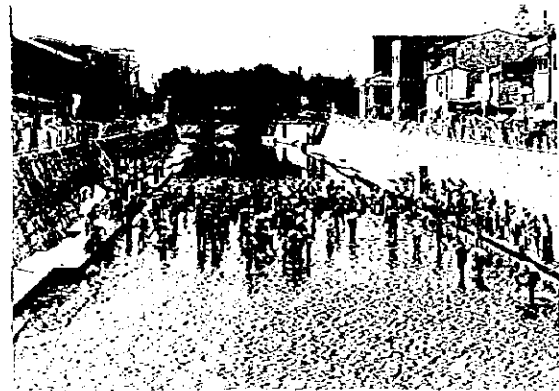
Confluence of Yao and Nan River

Ing-Yu No 2 Tunnel Total L = 50.875 km
Const. Division 9: L9 = 4.915 m

Figure 11.3 Yao Dam and River Training



Yao Dam



Water Edge for Recreation



River Training



Flood Protection Dike

