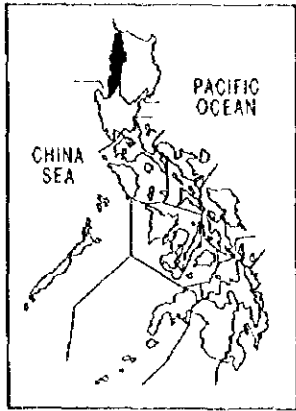


Part - D

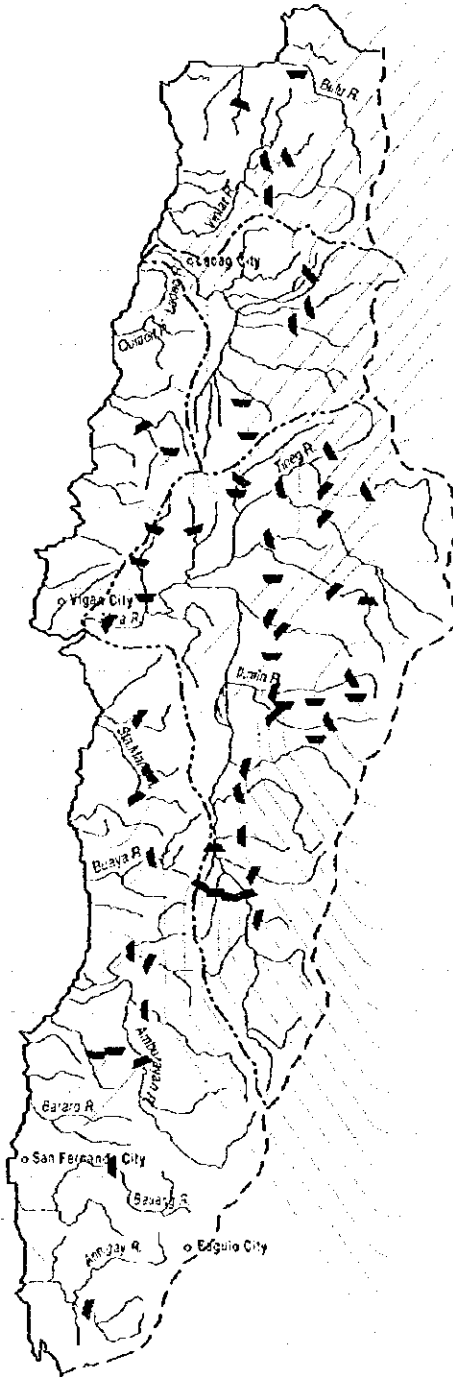
Figures



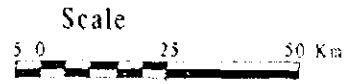
- Vieta #1 Dam ▲
- Vieta #2 Dam ▲
- Tambagan Dam ▲
- Bandi Dam △
- Nagrebcan Dam ▲
- So. Sacritan Dam △
- Bangued Dam △
- Langiden Dam △
- Omagit Dam △
- Banaoang Dam ▲
- Paganao Dam △
- Subusog Dam △
- Agagrao Dam ▲
- Bugui Dam ▲
- Banocal Dam ▲
- Buaya Dam ▲
- Uso Dam ▲
- Lobong Dam ▲
- Tibunec Dam ▲
- Drissoor Dam △
- Duplas Dam △
- Luya Dam ▲
- Bagulin Dam △
- Rizal Dam △

Legend:

- ▲ NIA Project
- ▲ BSWM Project
- ▲ NPC Project
- △ Independent Project
- Dam Site
- Water Resources Region Boundary
- - - River Basin Boundary
- River/Stream

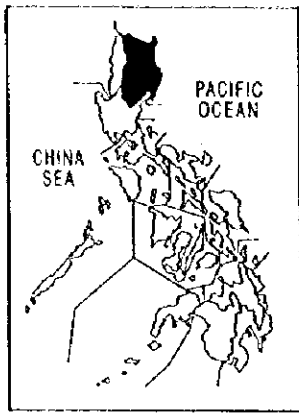


- ▲ Bulu Dam
- △ Dadaur Dam
- ▲ Palsiguan Dam
- ▲ Solsona #3 (Solsona) Dam
- ▲ Solsona #1 (Cura) Dam
- ▲ Solsona #2 (Labagaon) Dam
- ▲ Sto. Nino Dam
- ▲ Nueva Era Dam
- △ Alip #2 Dam
- ▲ Tineg #3 Dam
- △ Agualan Dam
- △ Naglibacan Dam
- △ Tineg #2 Dam
- △ Alaoa Dam
- △ Tineg #1 Dam
- △ Taping #2 Dam
- △ Taping #1 Dam
- △ Licuan Dam
- △ Kapualan Dam
- △ Bueloe Dam
- △ Mabungat Dam
- △ Daguioman Dam
- △ Danac Dam
- △ Toqueng Dam
- △ Upper Maguyepyep Dam
- △ Boyan Dam
- △ Caliba Dam
- △ Amluangan Dam
- △ Naina Dam
- △ Kumanga Dam
- ▲ Abra #1 Dam
- △ Dayapan Dam
- △ Namitpit Dam
- ▲ Buehit Dam
- △ Suayagon Dam
- △ Sussuyan Dam
- ▲ Eteh Dam



Data Source : Survey/Inventory on Water Impounding Reservoirs. April 1978. National Water Resources Council

Figure D-1 LOCATION OF LARGE SCALE DAM IN THE PHILIPPINES: WATER RESOURCES REGION-I



121°

122°



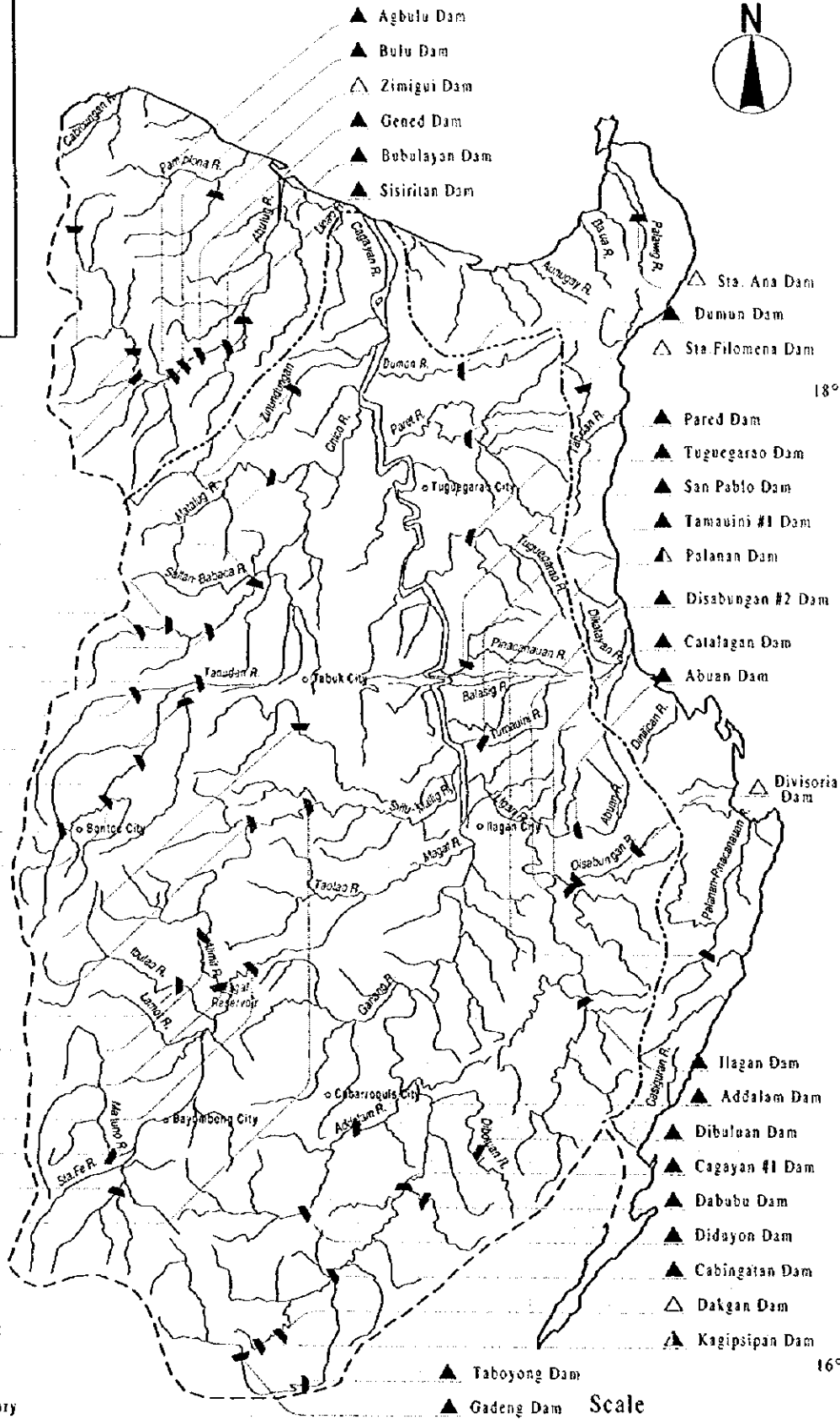
- ▲ Agbulu Dam
- ▲ Bulu Dam
- △ Zimigui Dam
- ▲ Gened Dam
- ▲ Bubulayan Dam
- ▲ Sisiritan Dam

- ▲ Aoon Dam
- ▲ Dibagat Dam
- ▲ Nabahalayan Dam
- ▲ Zinundungan Dam
- ▲ Maralug Dam
- ▲ Saltan #1 Dam
- ▲ Saltan #4 Dam
- ▲ Saltan #5 Dam
- ▲ Saltan #2 Dam
- ▲ Chico #4 Dam
- ▲ Pasil Dam
- ▲ Tacudan Dam
- ▲ Chico #3 Dam
- ▲ Chico #1 Dam
- ▲ Chico #2 Dam
- ▲ Mallig #2 Dam
- ▲ Siffu #2 Dam
- ▲ Ibulao Dam
- ▲ Alimit #2 Dam
- ▲ Alimit #1 Dam
- ▲ Magat Dam
- ▲ Matuno Dam
- ▲ Sta. Cruz Dam
- ▲ Siffu #1 Dam

- △ Sta. Ana Dam
- ▲ Dumon Dam
- △ Sta. Filomena Dam
- ▲ Pared Dam
- ▲ Tuguegarao Dam
- ▲ San Pablo Dam
- ▲ Tamauni #1 Dam
- ▲ Palanan Dam
- ▲ Disabungan #2 Dam
- ▲ Catalagan Dam
- ▲ Abuan Dam
- △ Divisoria Dam
- ▲ Ilagan Dam
- ▲ Addalam Dam
- ▲ Dibulan Dam
- ▲ Cagayan #1 Dam
- ▲ Dababu Dam
- ▲ Didayon Dam
- ▲ Cabingatan Dam
- △ Dakgan Dam
- ▲ Kagipsipan Dam

Legend:

- ▲ NIA Project
- ▲ NPC Project
- △ Independent Project
- Dam Site
- Water Resources Region Boundary
- - - River Basin Boundary
- River/Stream



Data Source : Survey/Inventory on Water Impounding Reservoirs.
April 1978, National Water Resources Council

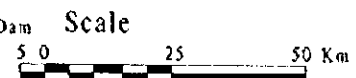
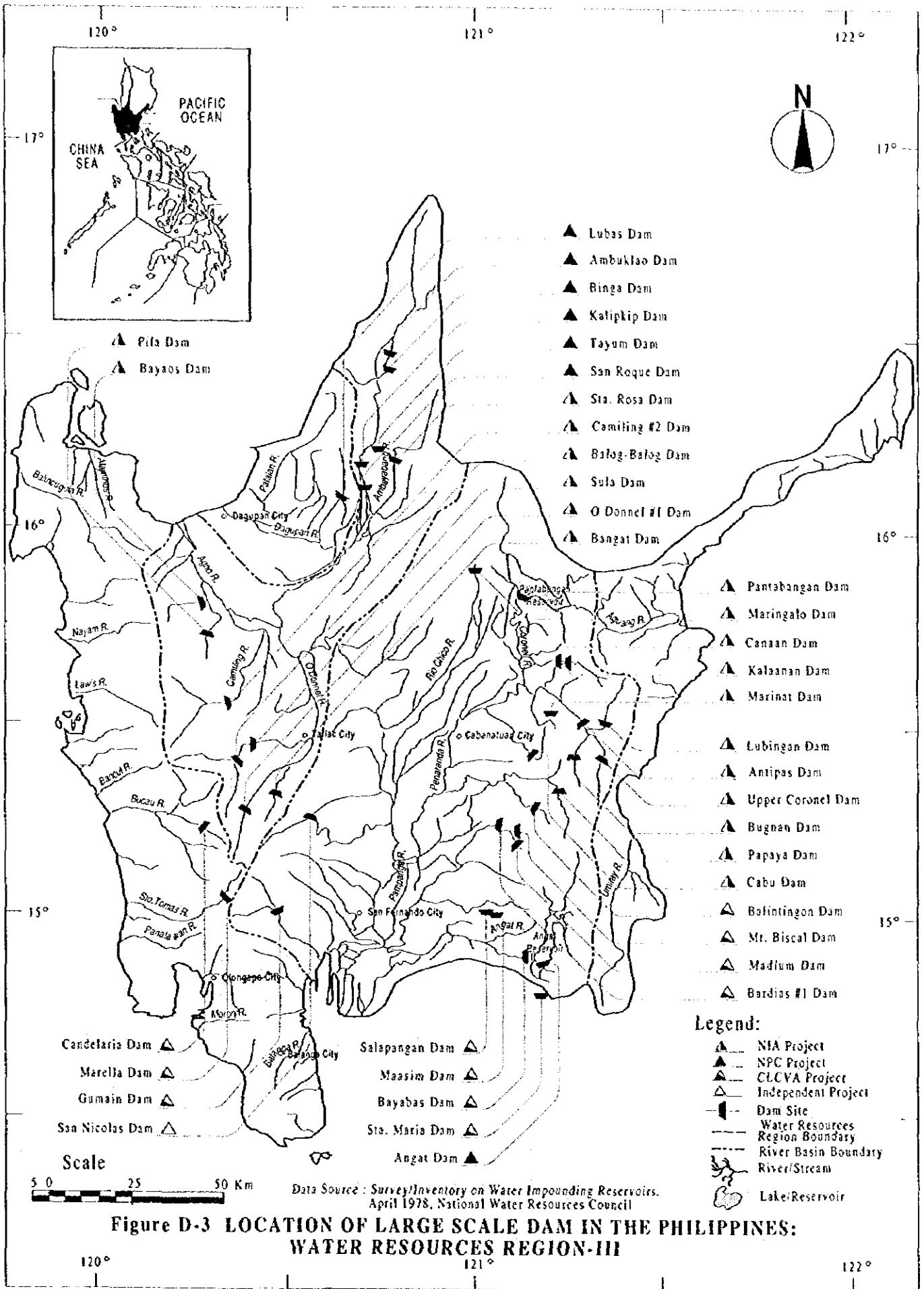
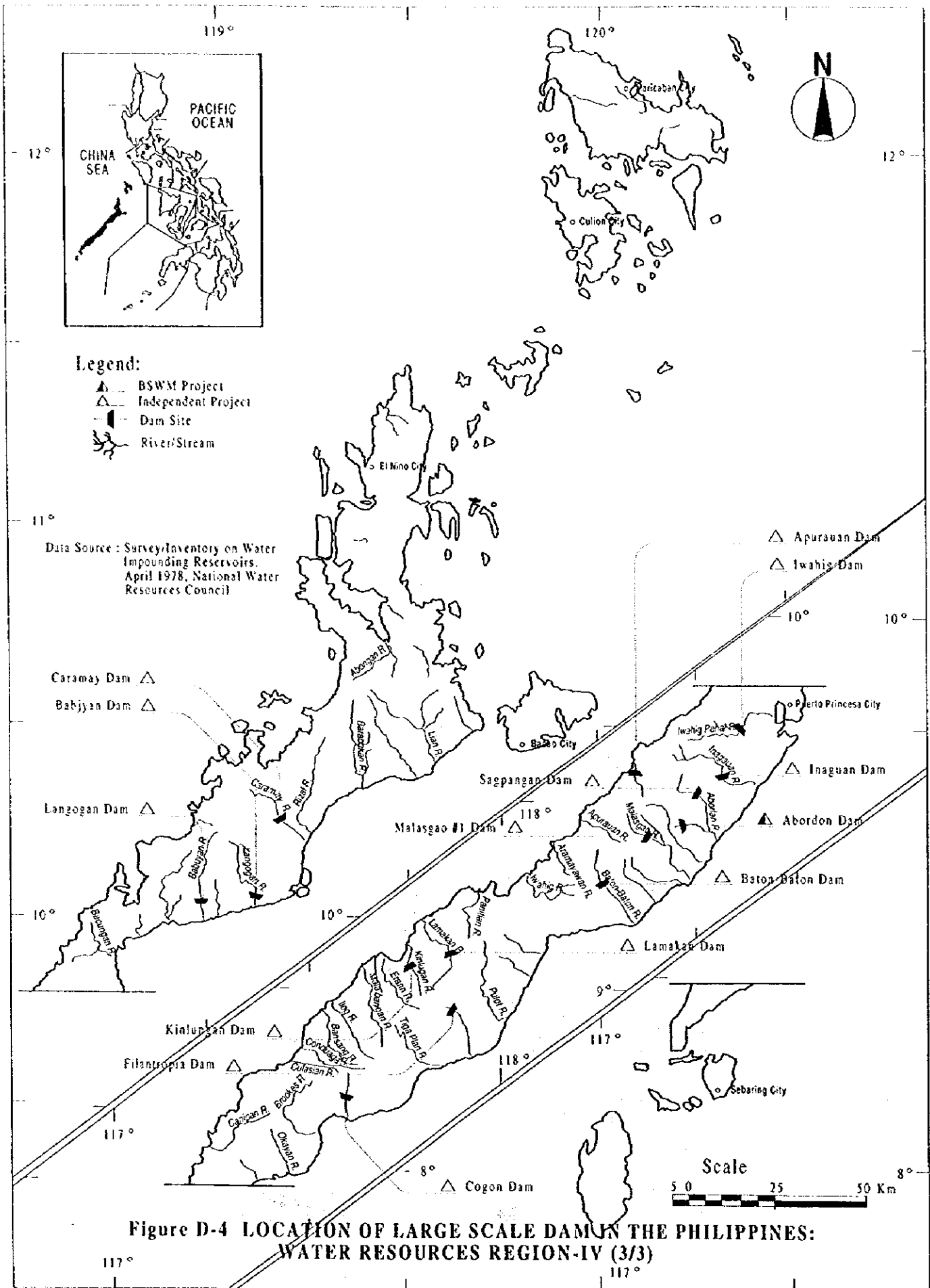
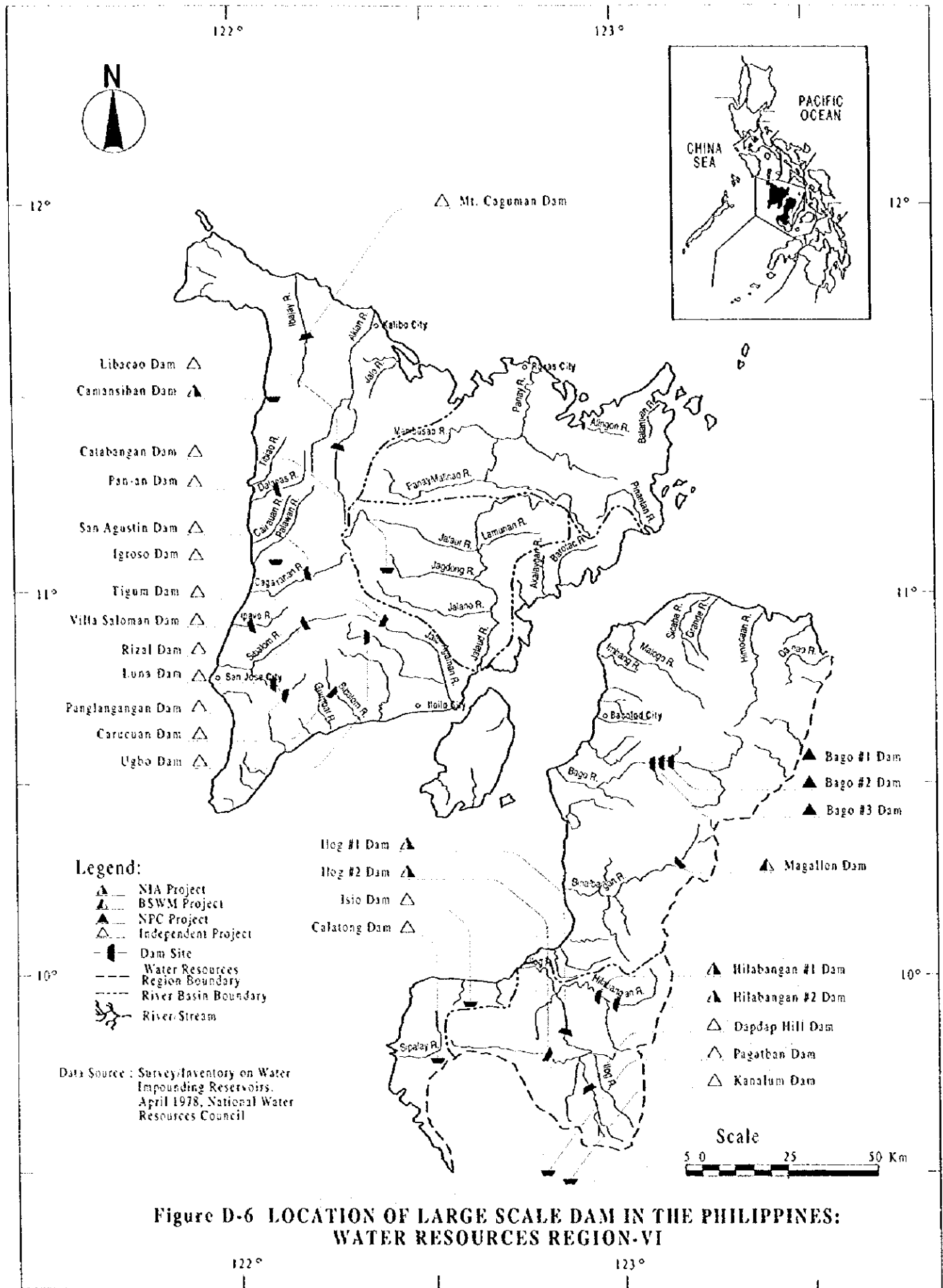
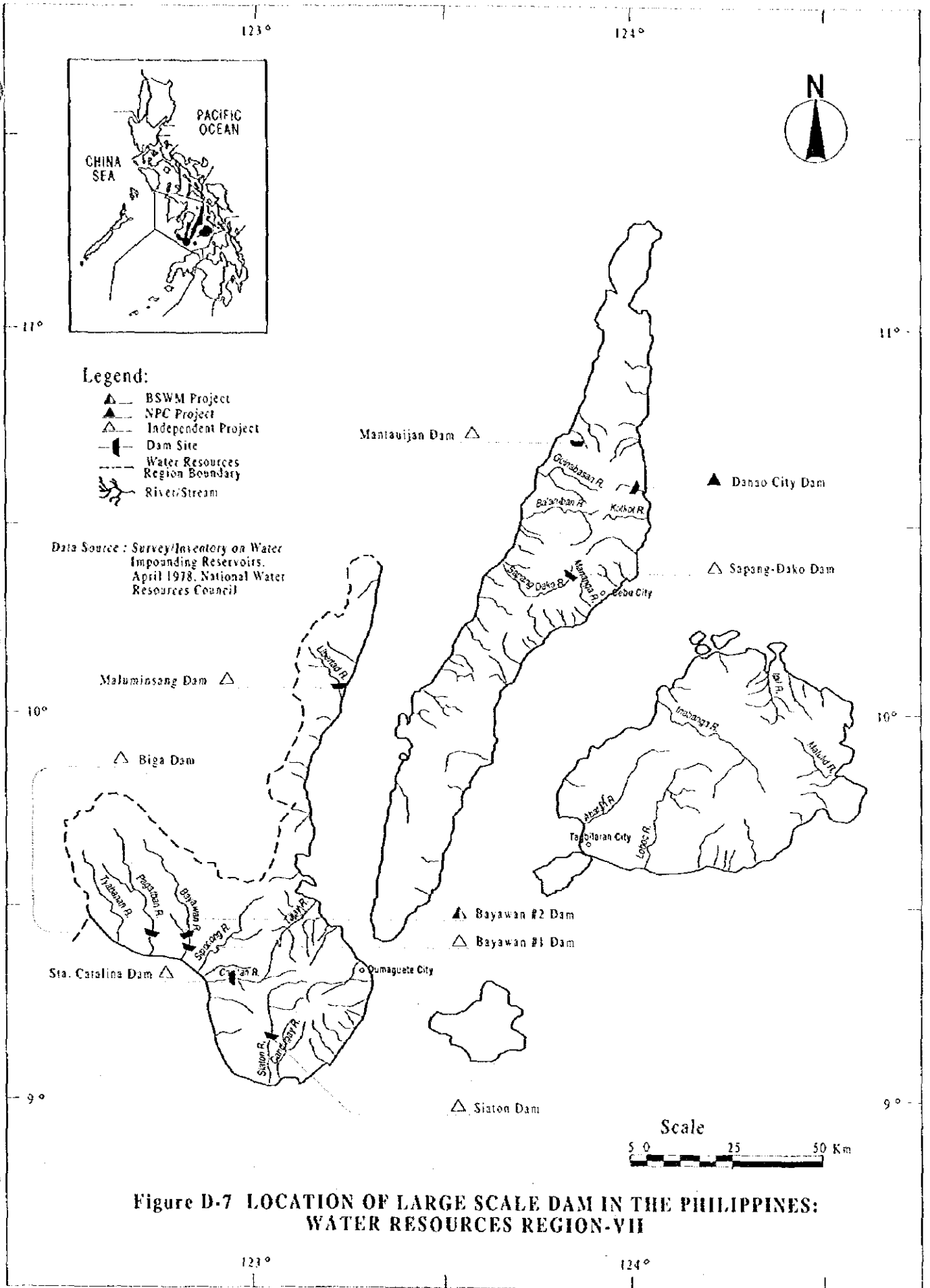


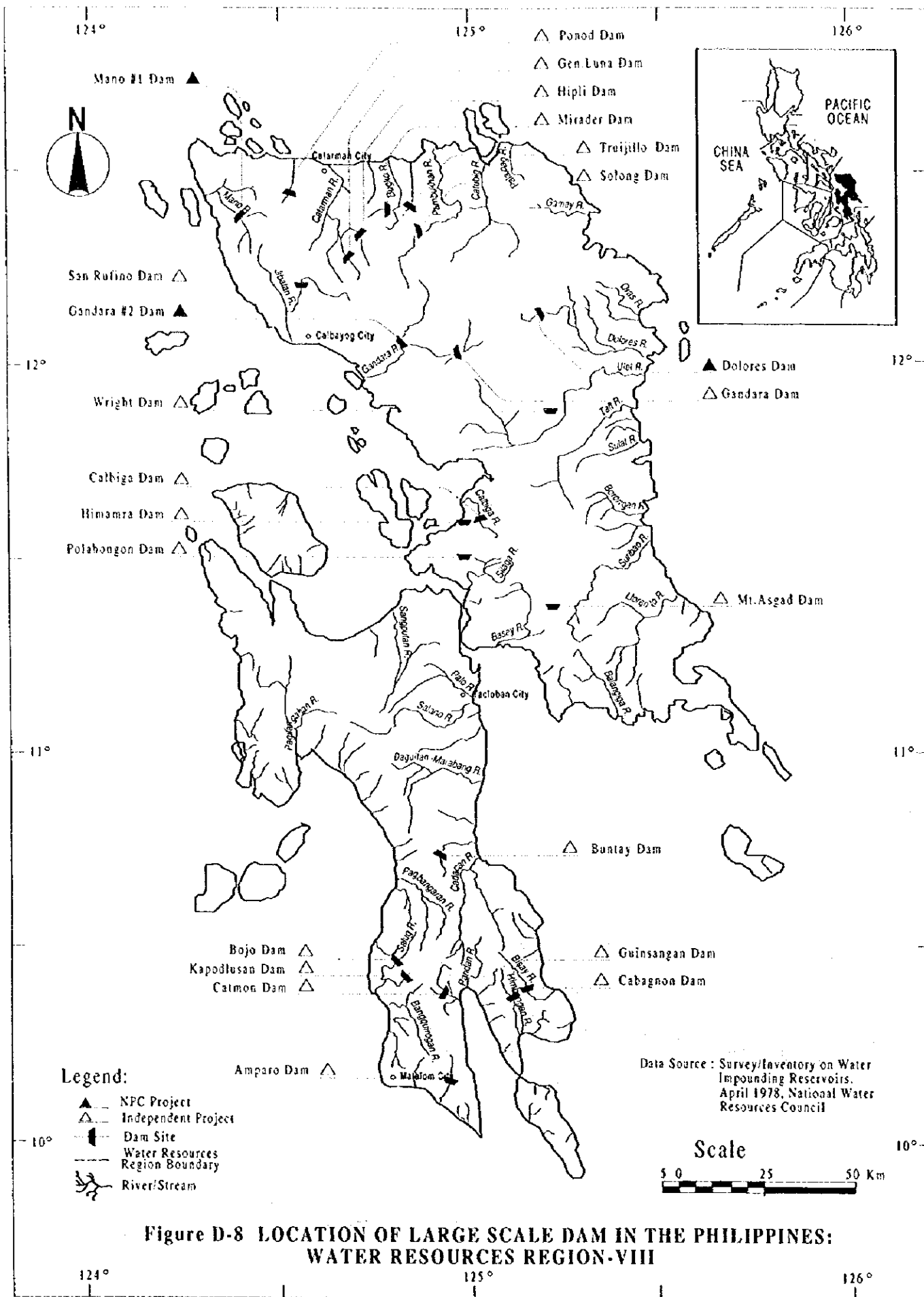
Figure D-2 LOCATION OF LARGE SCALE DAM IN THE PHILIPPINES:
121° WATER RESOURCES REGION-II 122°

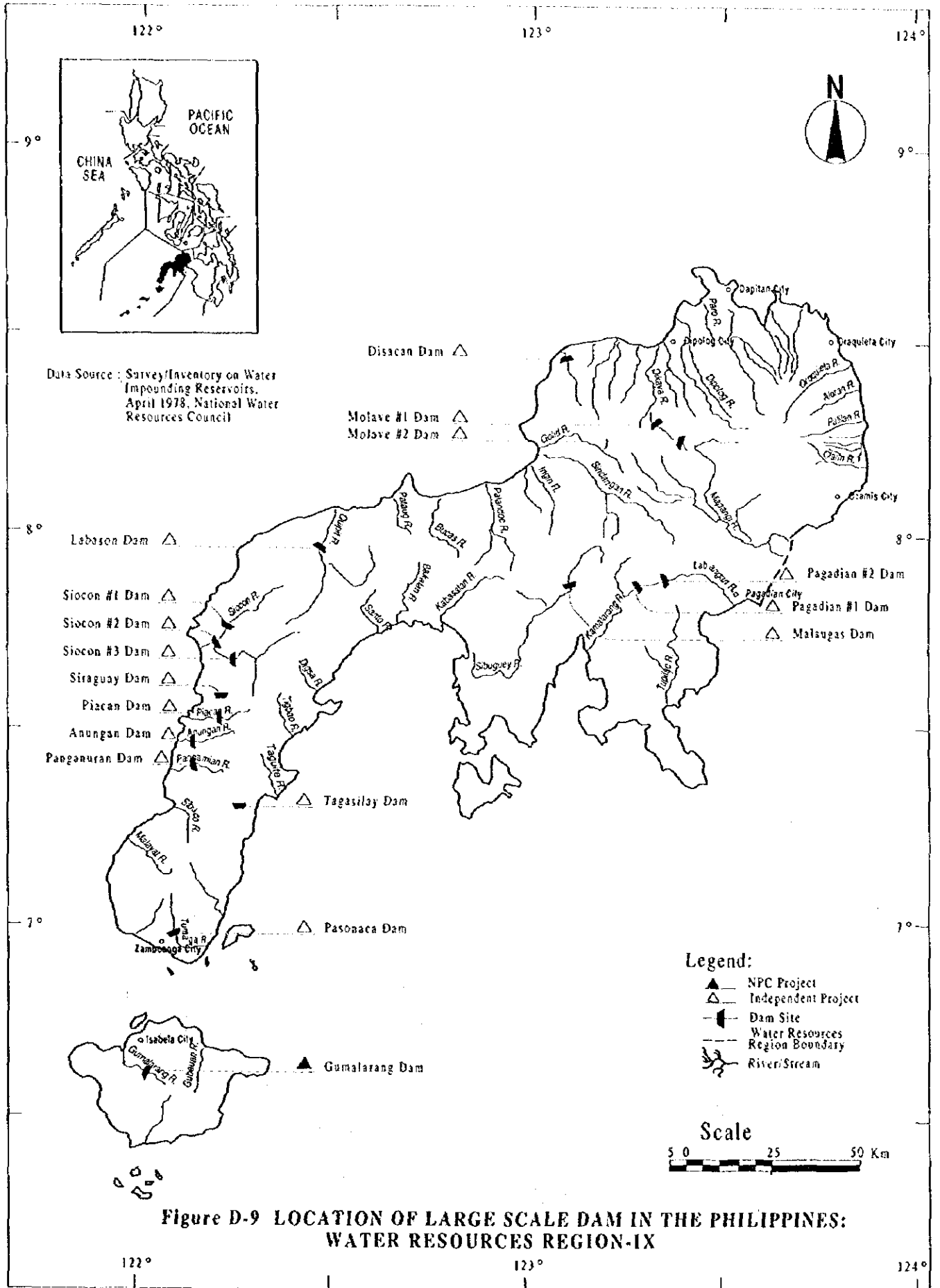


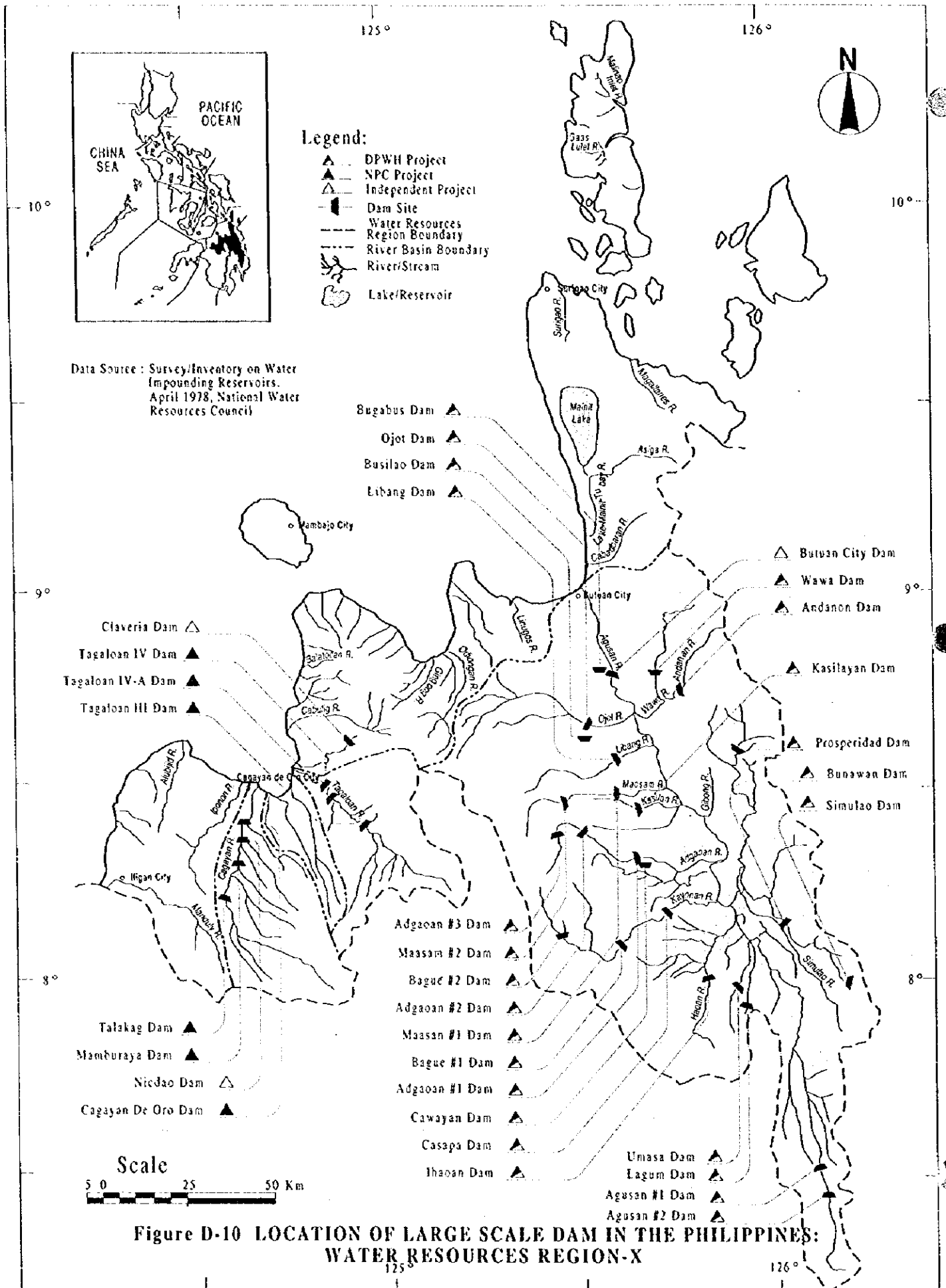












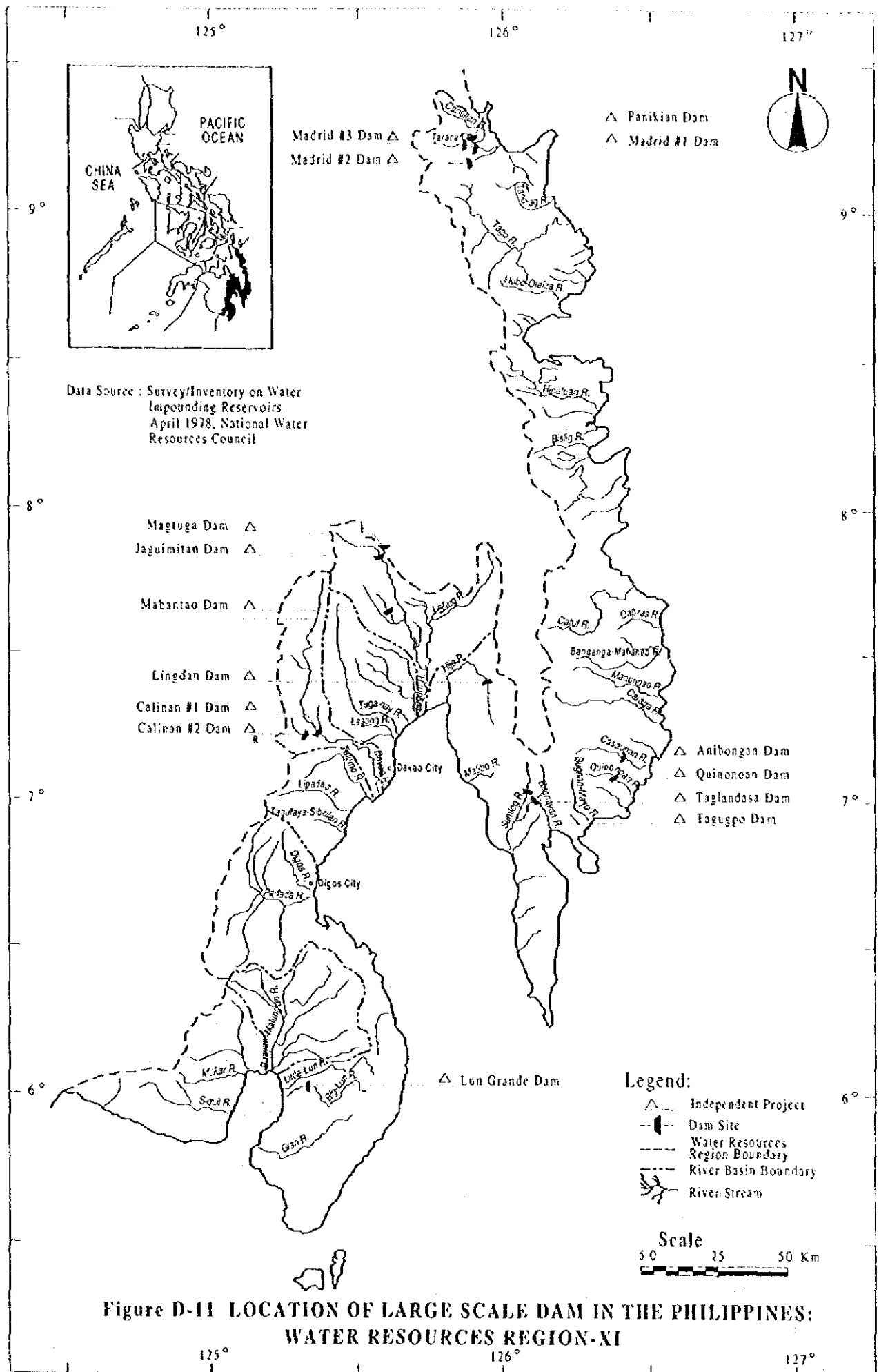
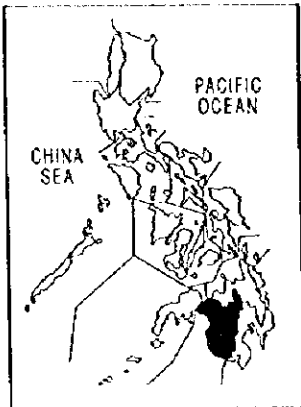


Figure D-11 LOCATION OF LARGE SCALE DAM IN THE PHILIPPINES: WATER RESOURCES REGION-XI

124°

125°



Pulangi #6 Dam ▲
 Pulangi #5 Dam ▲
 Pulangi #4 Dam ▲

▲ Agus #7 Dam
 ▲ Agus #4 Dam
 ▲ Agus #3 Dam
 ▲ Agus #2 Dam

Maludagao #2 Dam ▲
 Katudan Dam ▲
 Malitbug #2 Dam ▲
 Maludagao #1 Dam ▲
 Malitbug #1 Dam ▲

▲ Pulangi #3 Dam
 ▲ Muleta #2 Dam
 ▲ Muleta #1 Dam
 ▲ Pulangi #2 Dam
 ▲ Pulangi #1 Dam

Tran Dam ▲

Legend:

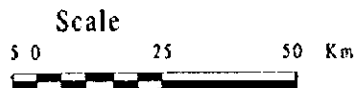
- ▲ NIA Project
- ▲ DPWH Project
- ▲ NPC Project
- ▲ Independent Project
- ▲ Dam Site
- Water Resources Region Boundary
- River Basin Boundary
- River/Stream
- Lake/Reservoir

Data Source : Survey/Inventory on Water
 Impounding Reservoirs.
 April 1978, National Water
 Resources Council

▲ Maganoy #1 Dam

▲ Cabilanan #1 Dam
 ▲ Maganoy #2 Dam
 ▲ Cabilanan #2 Dam
 ▲ Maganoy #3 Dam

▲ Lake Sebu Dam



**Figure D-12 LOCATION OF LARGE/SCALE DAM IN THE PHILIPPINES:
 WATER RESOURCES REGION-XII**

124°

125°

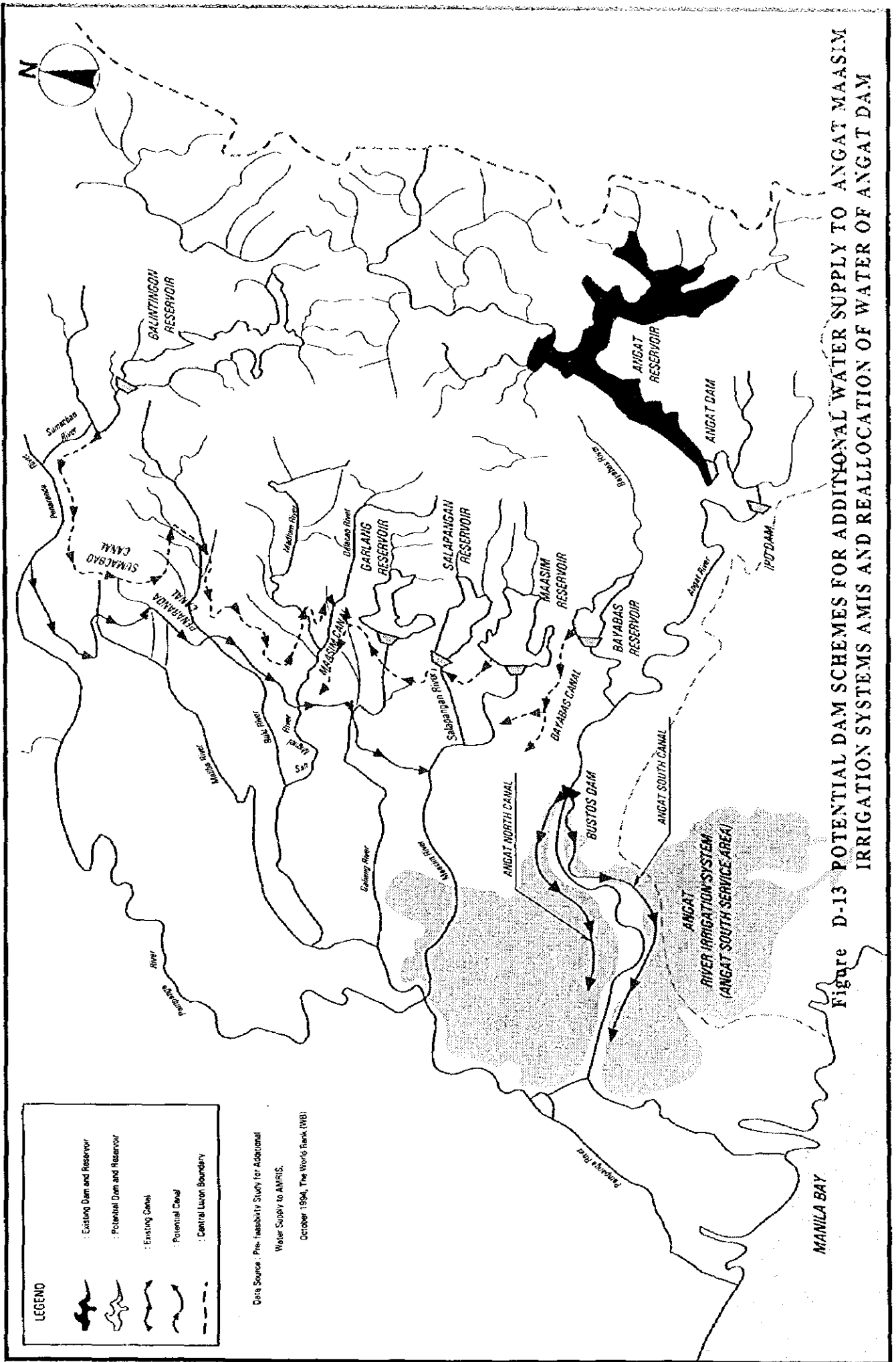


Figure D-13 POTENTIAL DAM SCHEMES FOR ADDITIONAL WATER SUPPLY TO ANGAT MAASIM IRRIGATION SYSTEMS AMIS AND REALLOCATION OF WATER OF ANGAT DAM

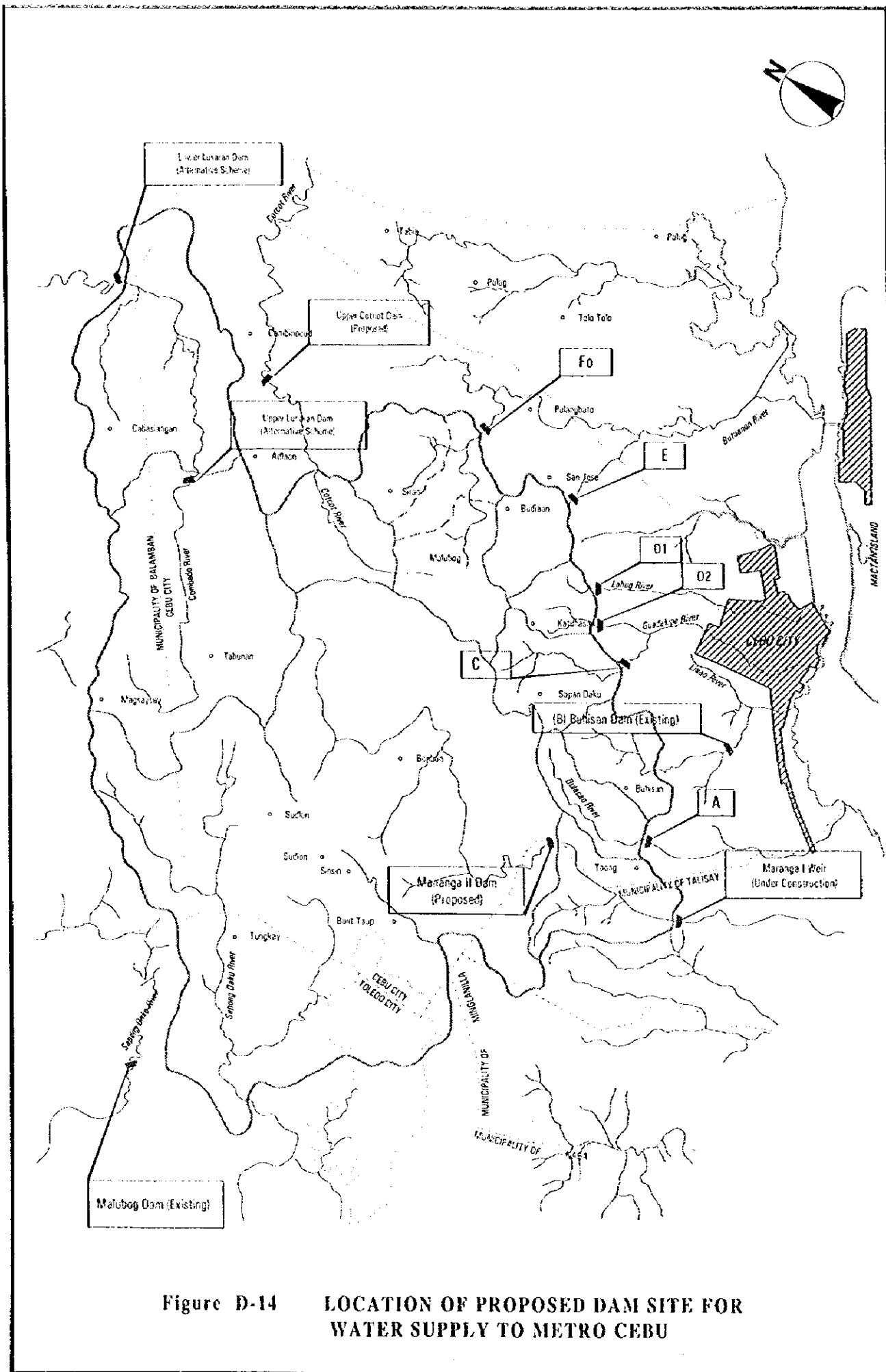


Figure D-14 LOCATION OF PROPOSED DAM SITE FOR WATER SUPPLY TO METRO CEBU

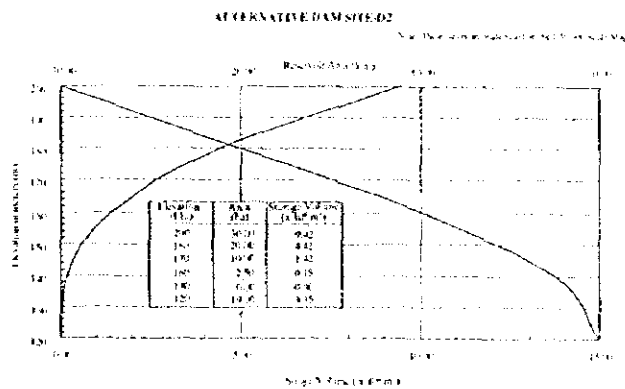
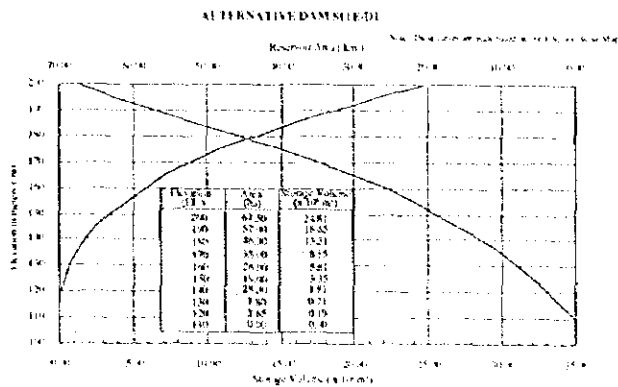
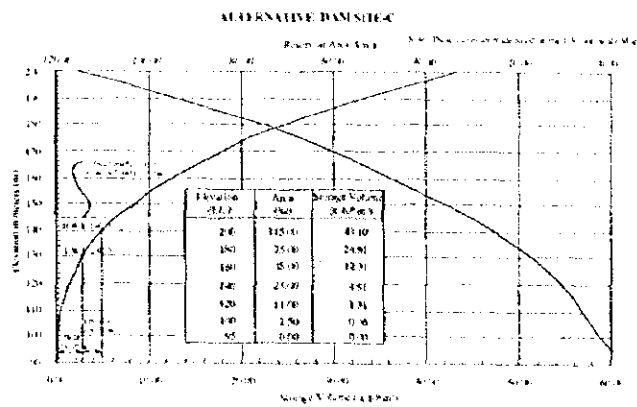
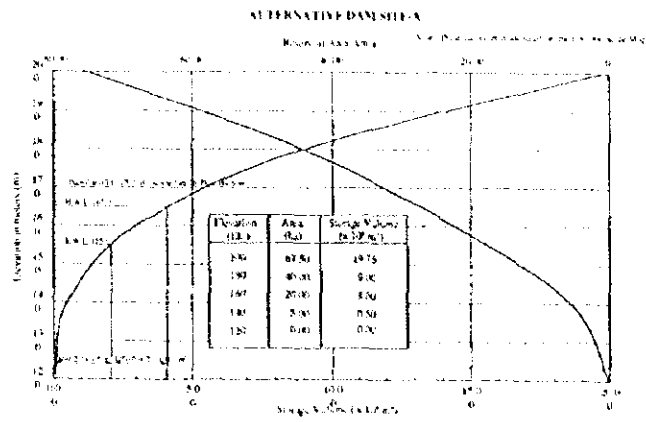


Figure D-15 RESERVOIR STORAGE CURVE OF ALTERNATIVE DAM SITE FOR CEBU WATER SUPPLY (1/2)

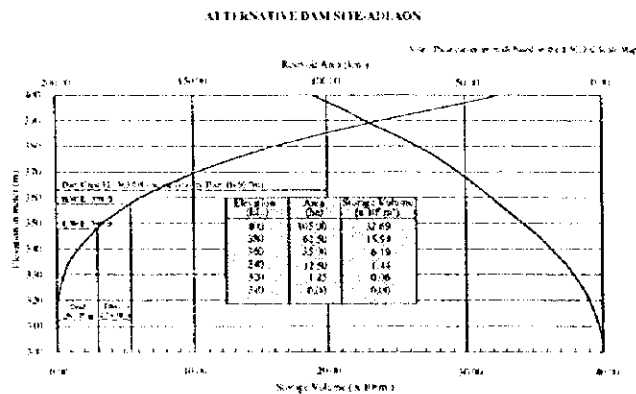
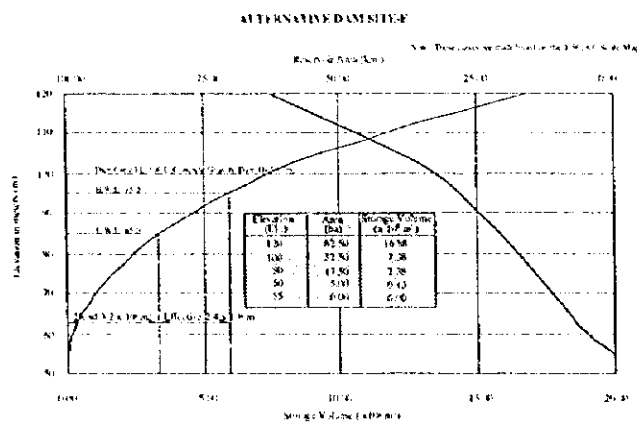
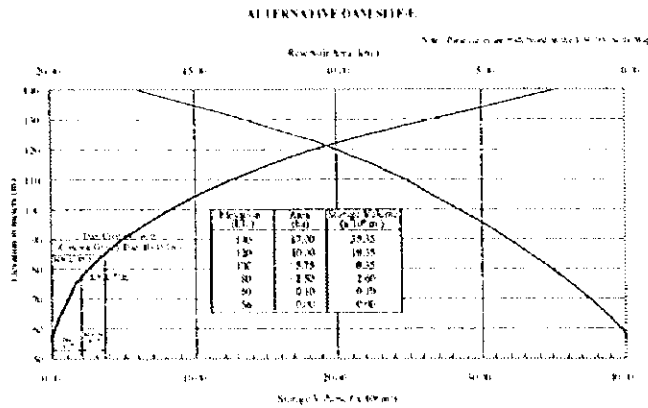


Figure D-15 RESERVOIR STORAGE CURVE OF ALTERNATIVE DAM SITE FOR CEBU WATER SUPPLY (2/2)

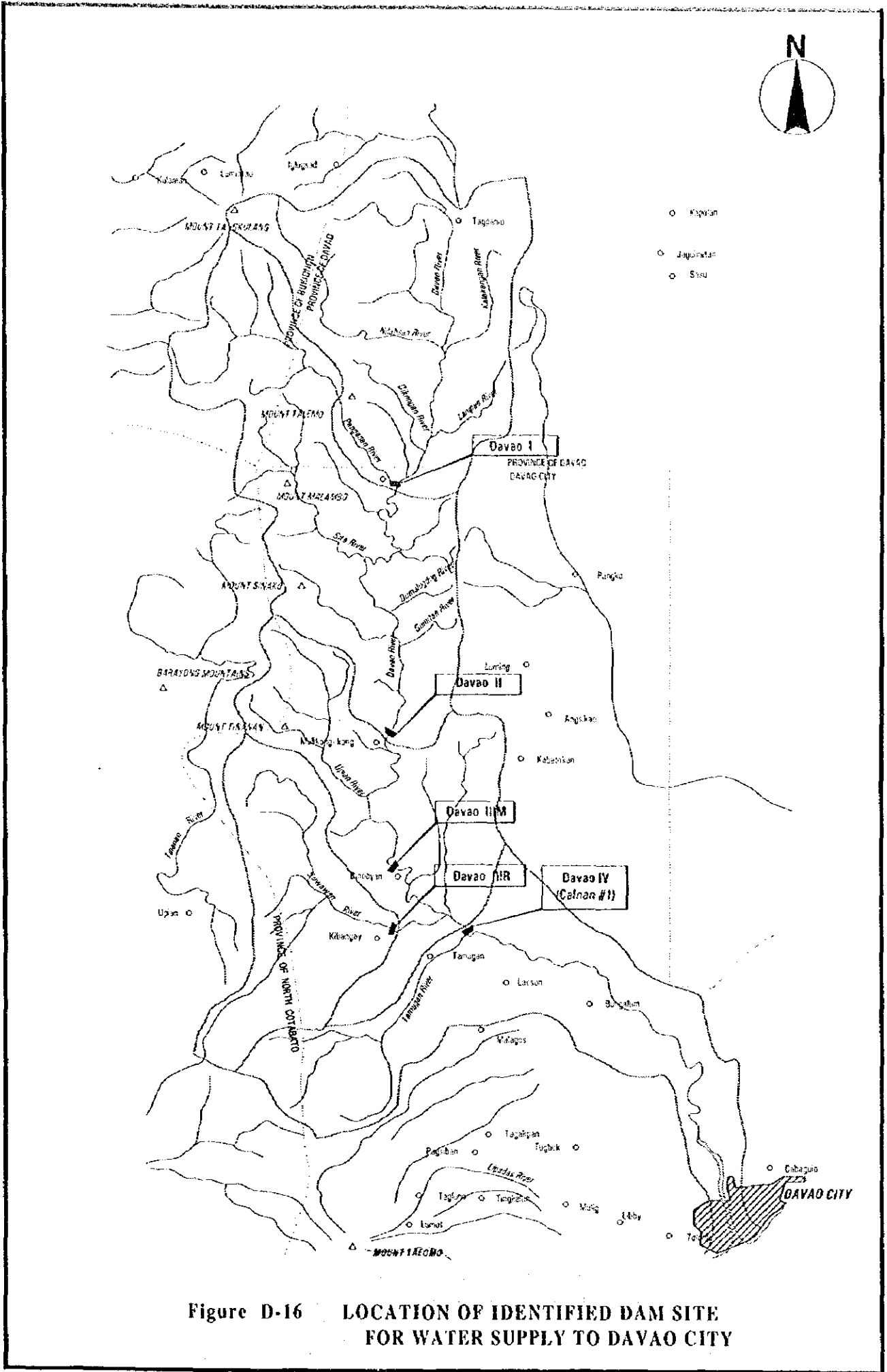
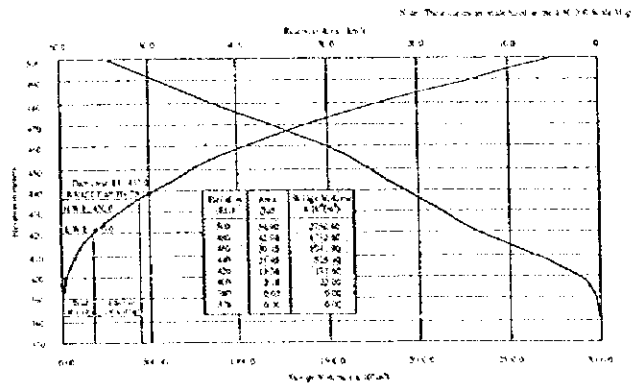
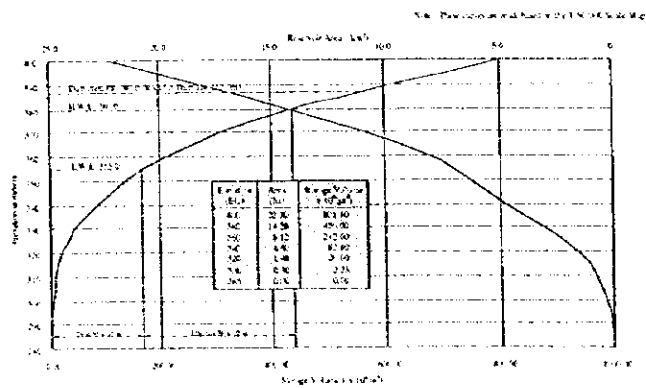


Figure D-16 LOCATION OF IDENTIFIED DAM SITE FOR WATER SUPPLY TO DAVAO CITY

ALTERNATIVE DAM SITE-I



ALTERNATIVE DAM SITE-II



ALTERNATIVE DAM SITE-III

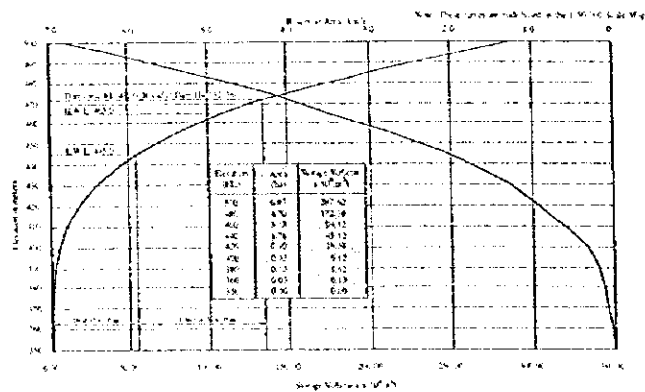
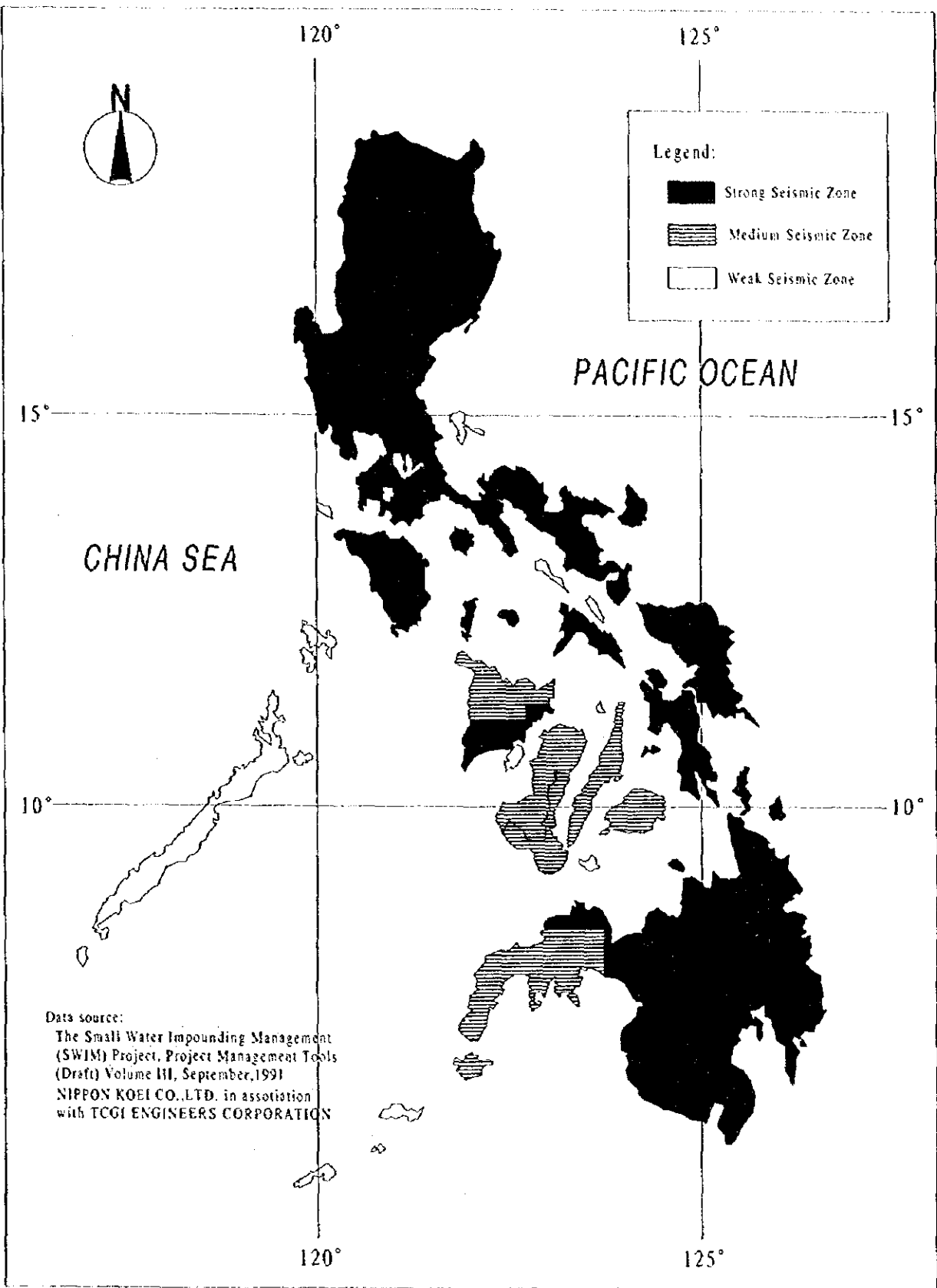


Figure D-17 RESERVOIR STORAGE CURVE OF ALTERNATIVE DAM SITE FOR DAVAO WATER SUPPLY



Data source:
 The Small Water Impounding Management
 (SWIM) Project, Project Management Tools
 (Draft) Volume III, September, 1991
 NIPPON KOEI CO., LTD. in association
 with TCGI ENGINEERS CORPORATION

Figure D-18 SEISMIC ZONE OF THE PHILIPPINES BY DPWH & ASEP (1968)

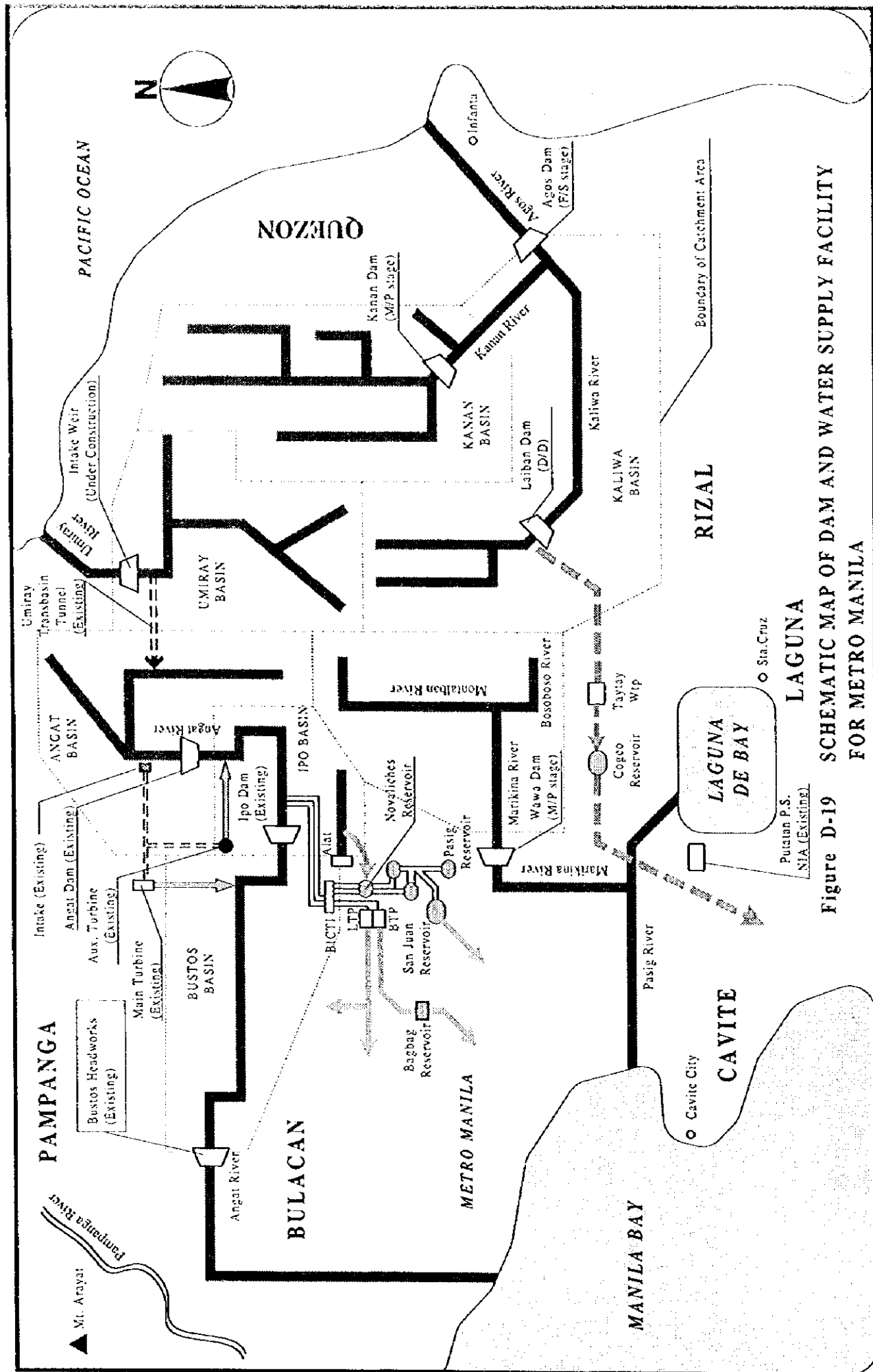


Figure D-19 SCHEMATIC MAP OF DAM AND WATER SUPPLY FACILITY FOR METRO MANILA

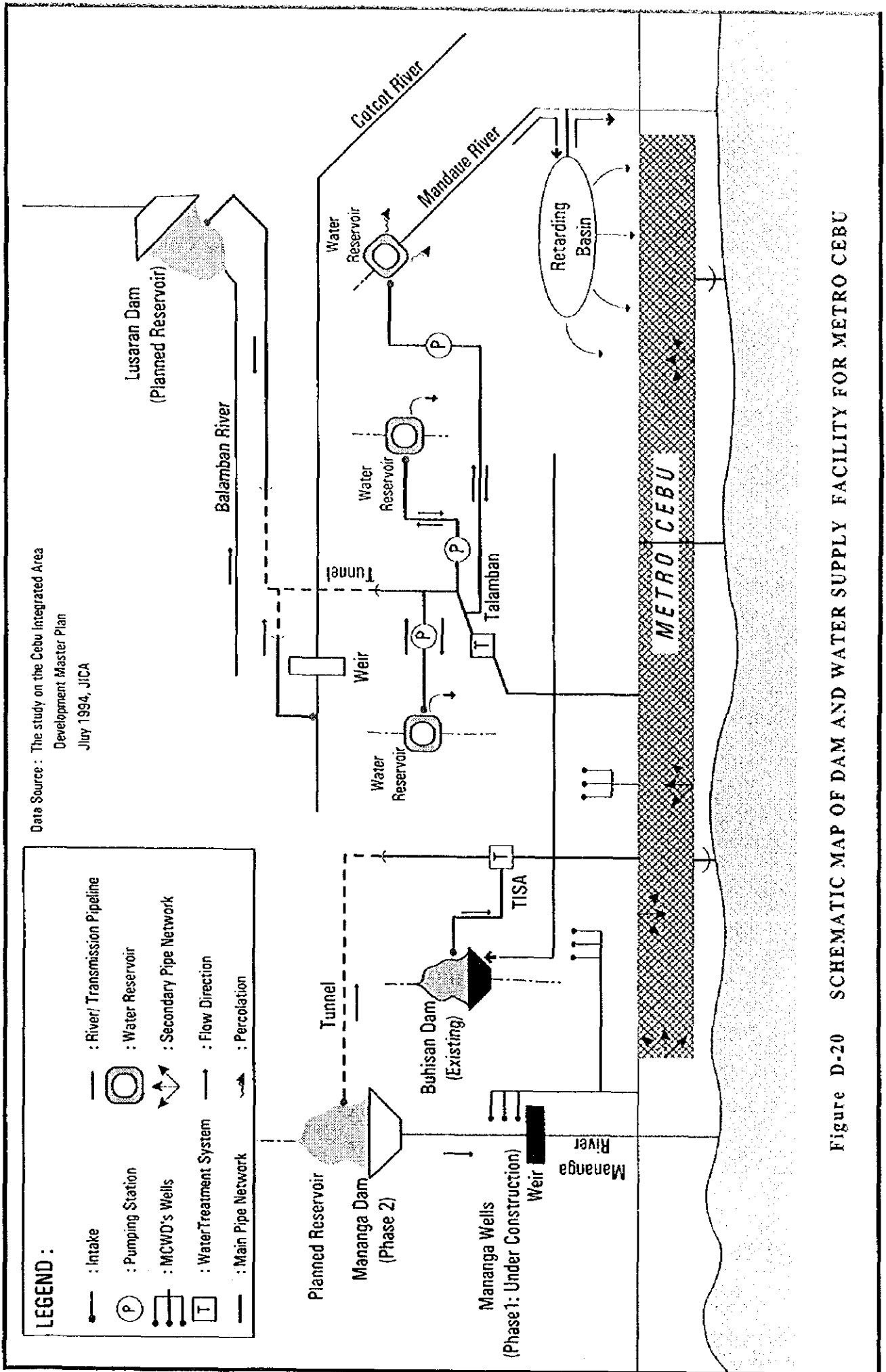


Figure D-20 SCHEMATIC MAP OF DAM AND WATER SUPPLY FACILITY FOR METRO CEBU

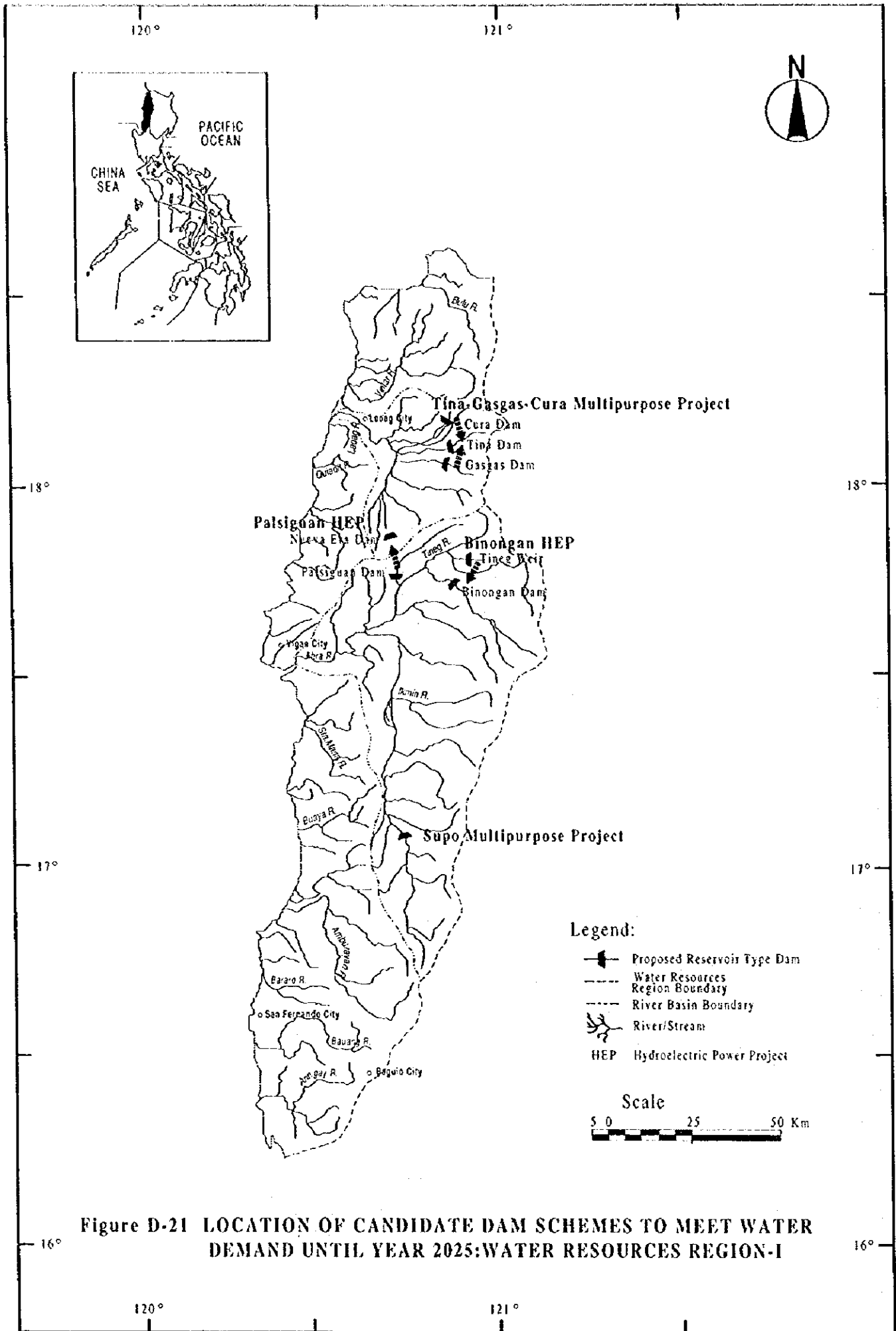
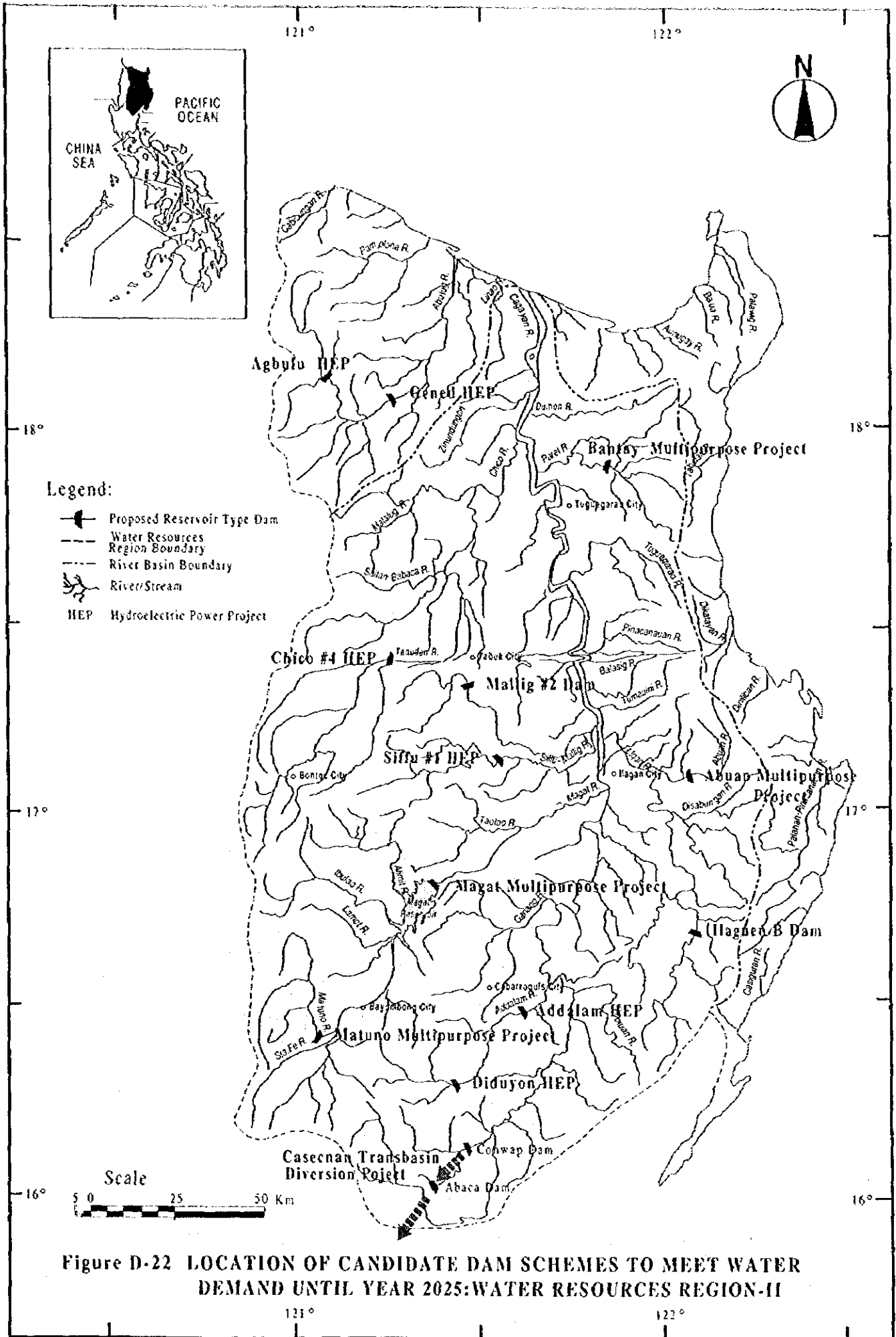
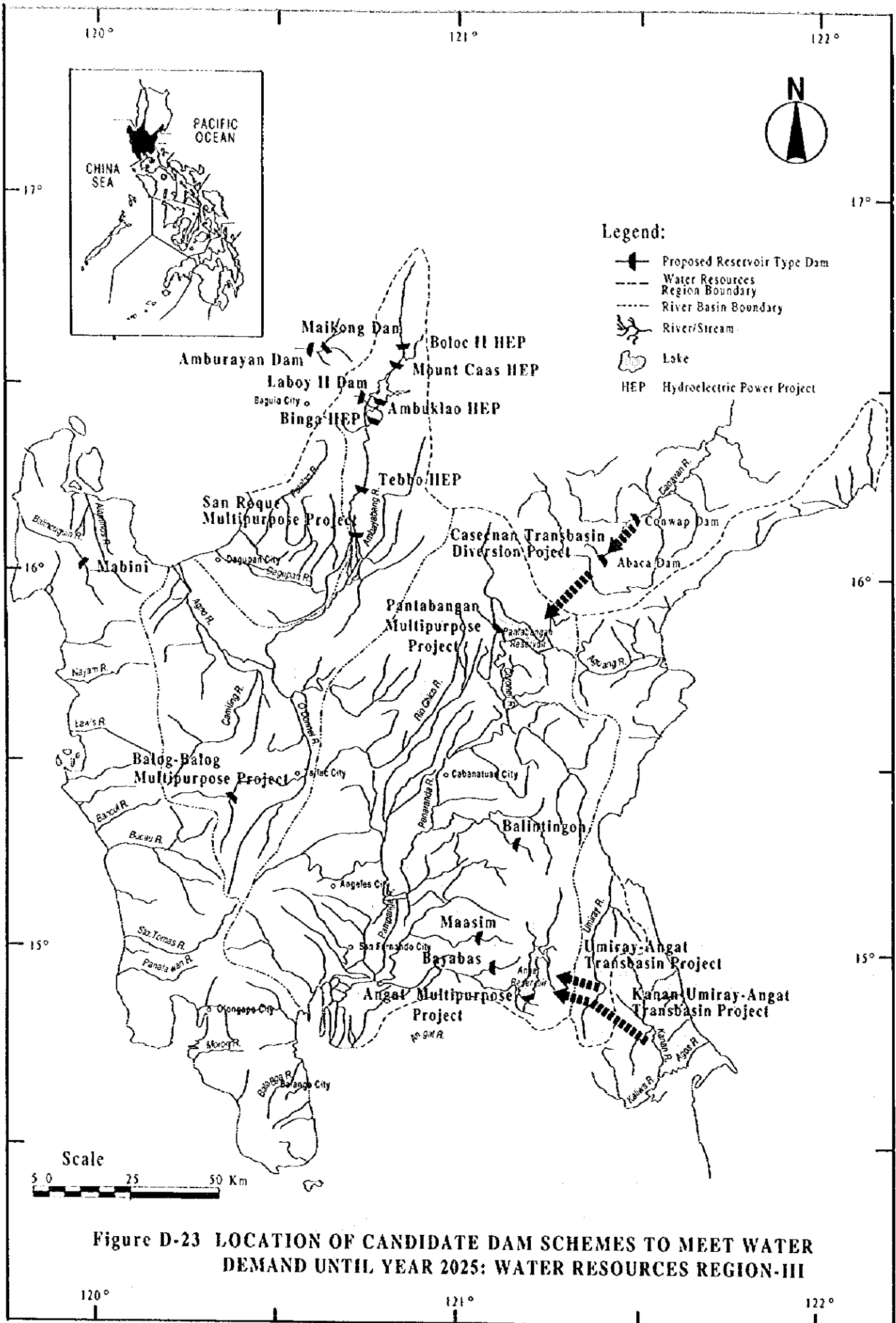


Figure D-21 LOCATION OF CANDIDATE DAM SCHEMES TO MEET WATER DEMAND UNTIL YEAR 2025: WATER RESOURCES REGION-I





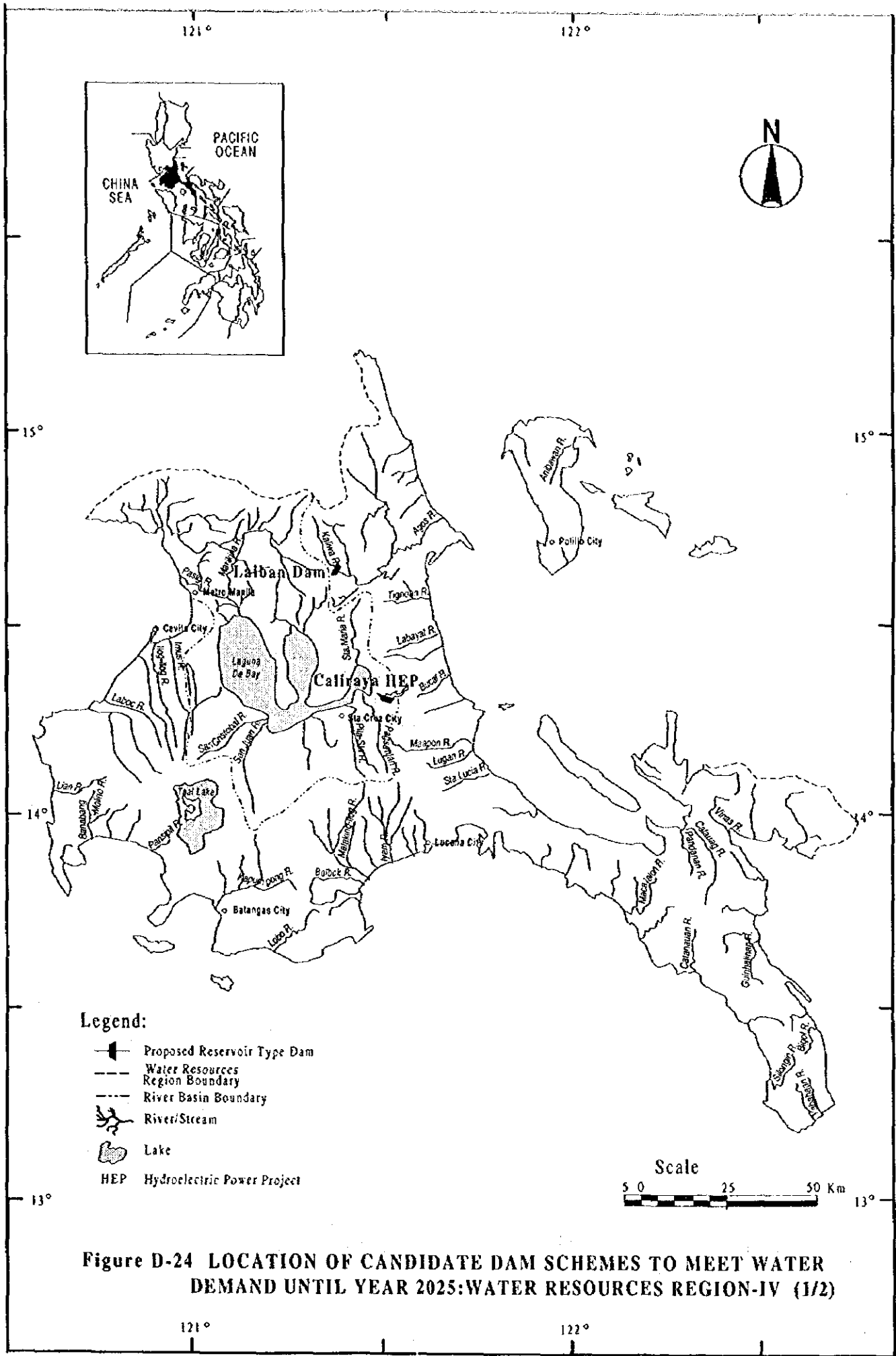


Figure D-24 LOCATION OF CANDIDATE DAM SCHEMES TO MEET WATER DEMAND UNTIL YEAR 2025: WATER RESOURCES REGION-IV (1/2)

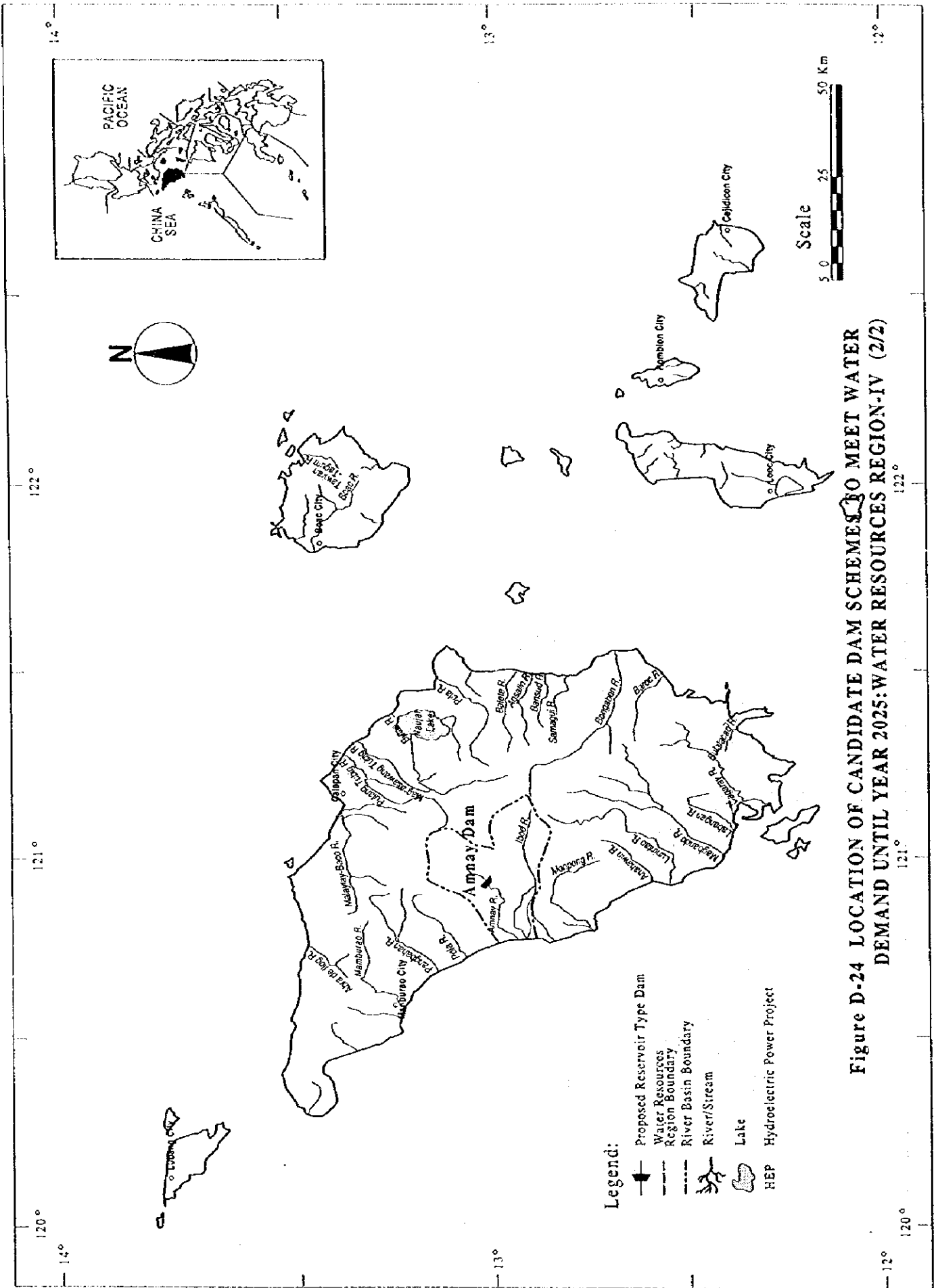


Figure D-24 LOCATION OF CANDIDATE DAM SCHEMES TO MEET WATER DEMAND UNTIL YEAR 2025: WATER RESOURCES REGION-IV (2/2)

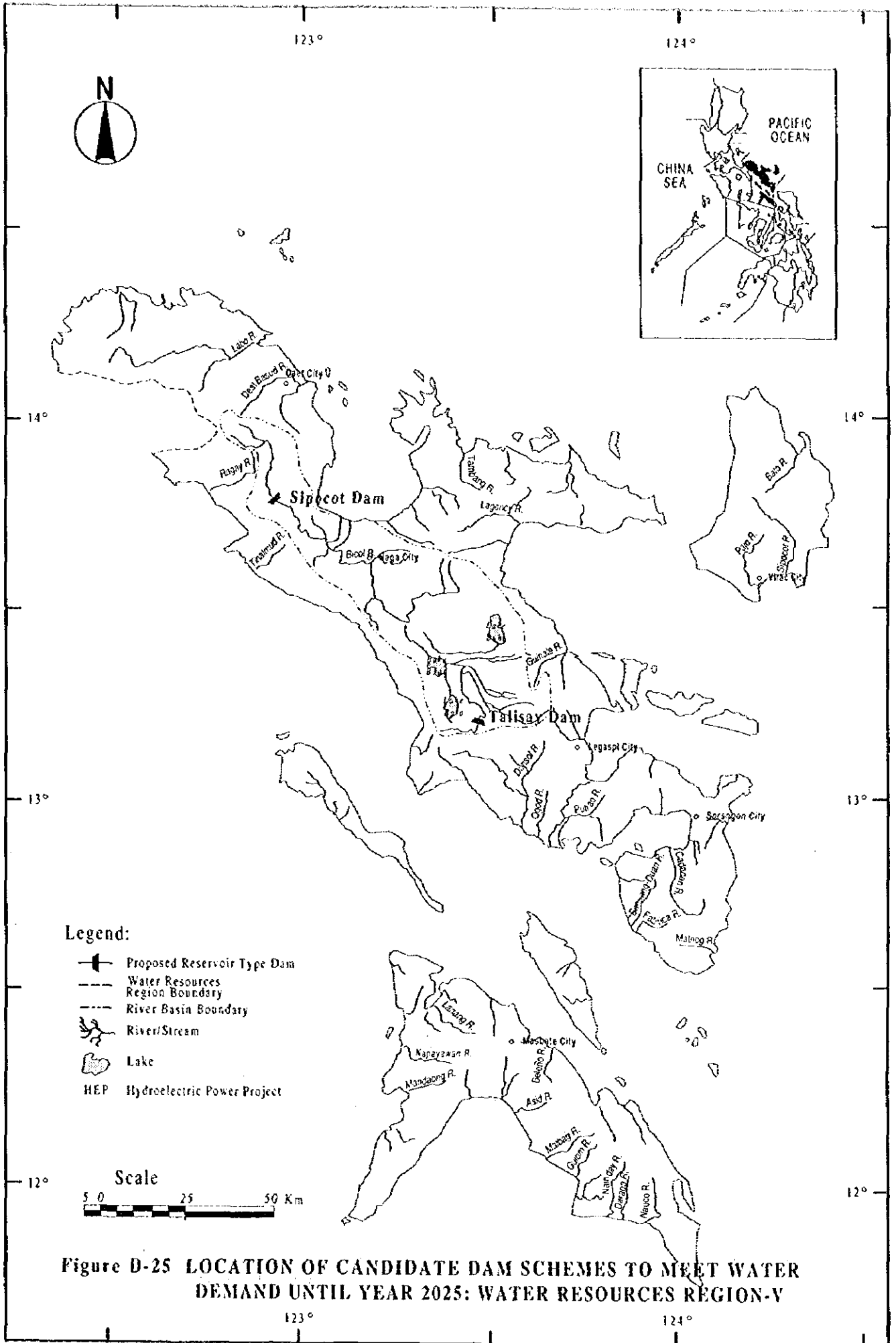


Figure D-25 LOCATION OF CANDIDATE DAM SCHEMES TO MEET WATER DEMAND UNTIL YEAR 2025: WATER RESOURCES REGION-V

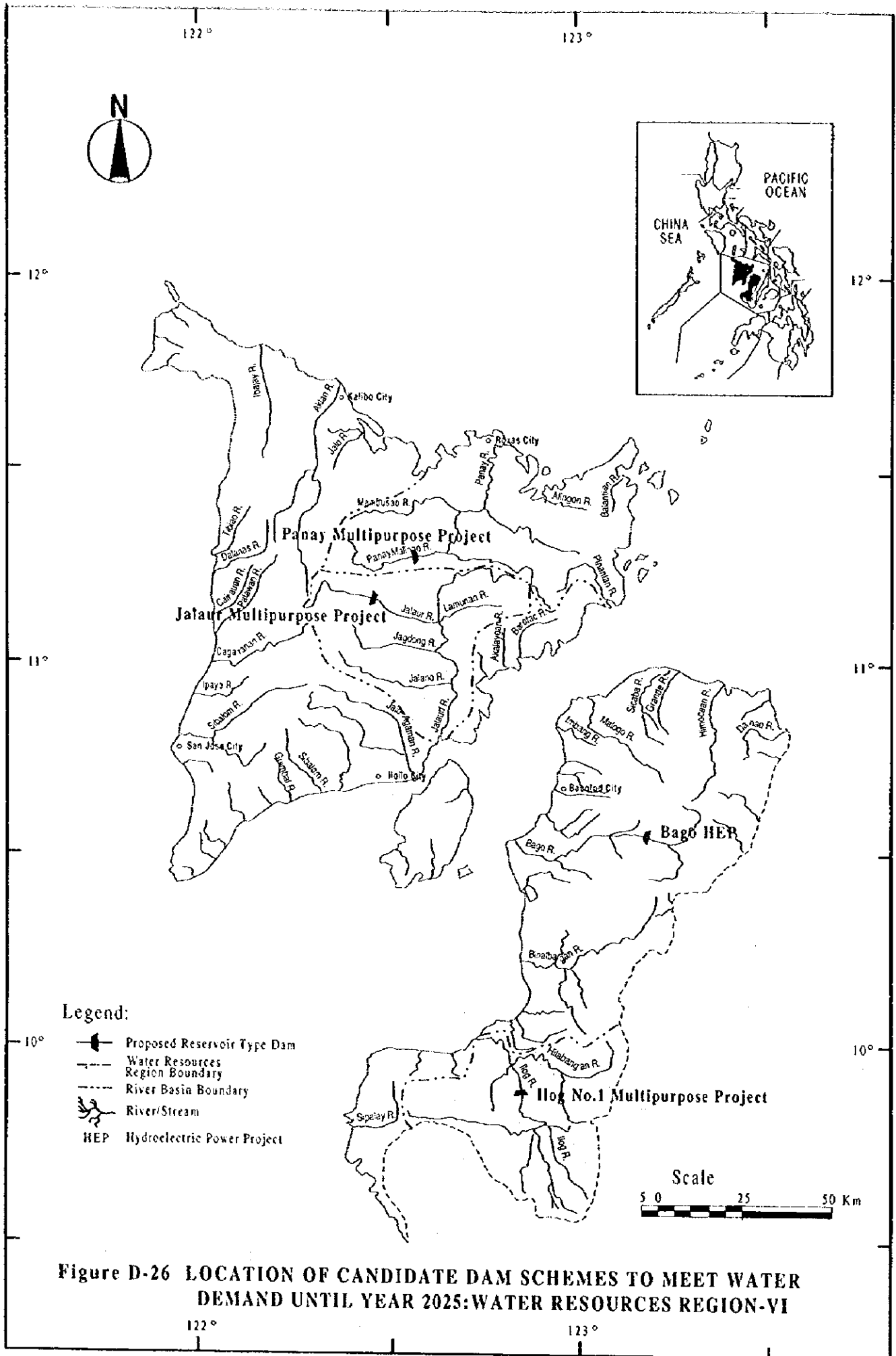
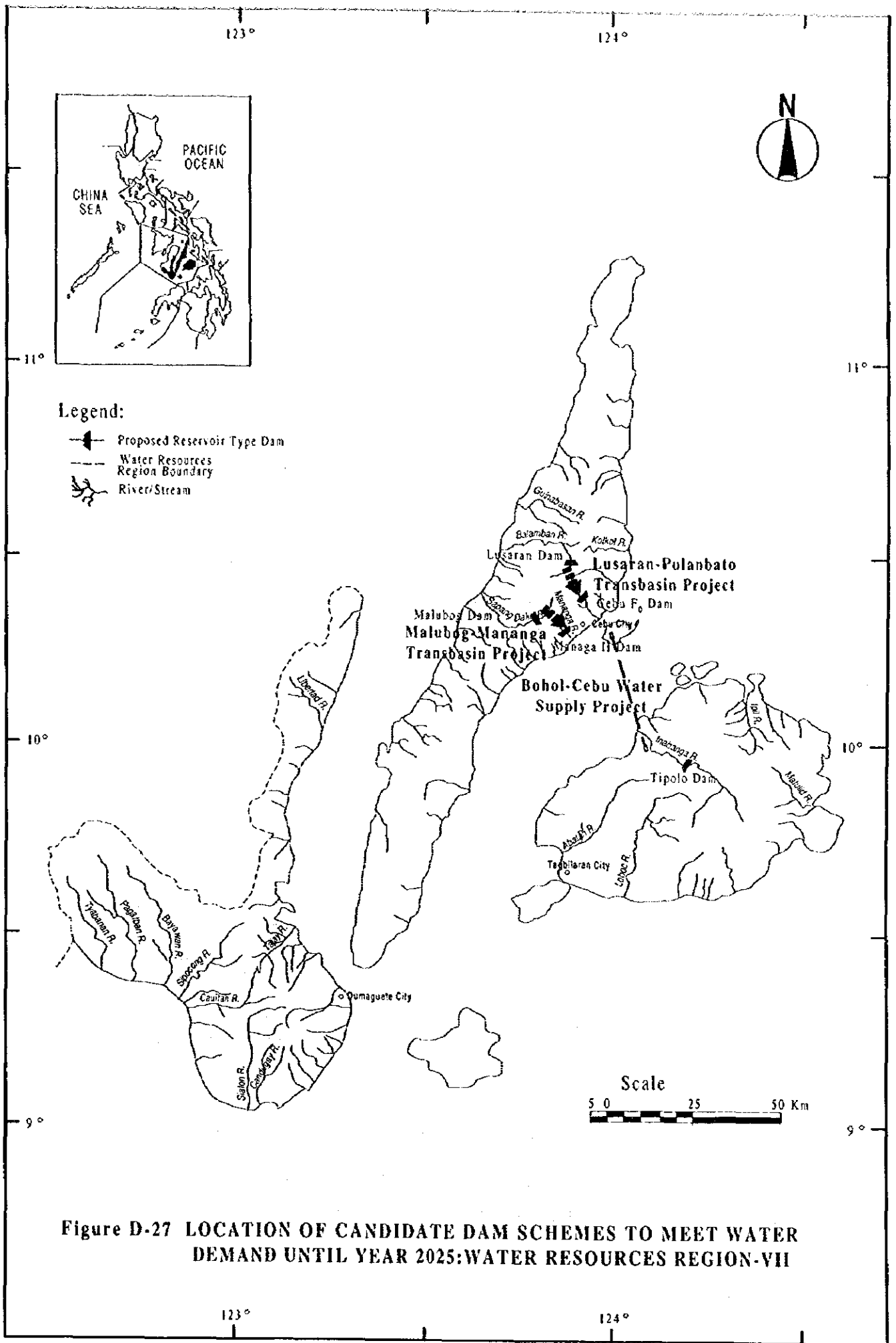
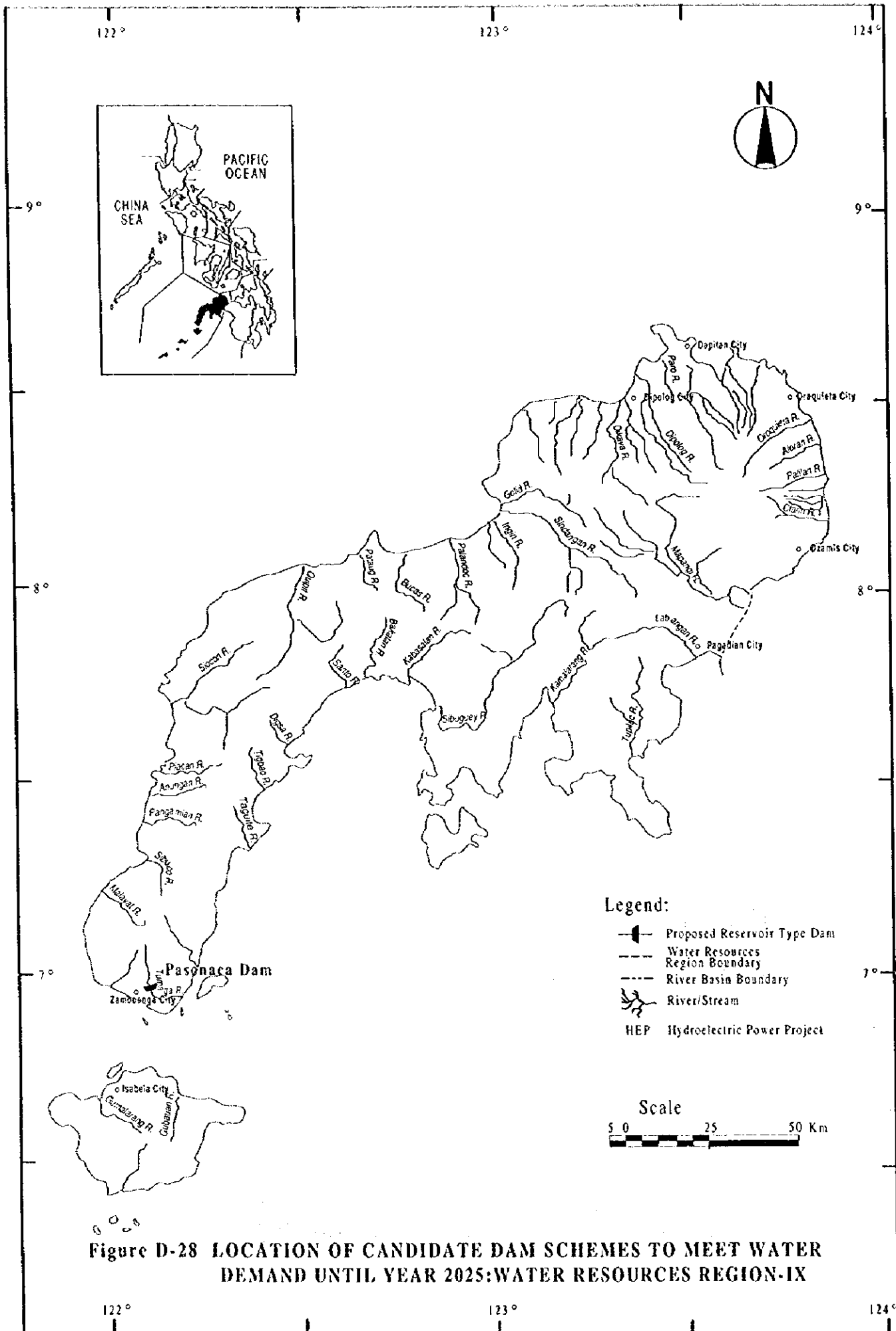


Figure D-26 LOCATION OF CANDIDATE DAM SCHEMES TO MEET WATER DEMAND UNTIL YEAR 2025: WATER RESOURCES REGION-VI





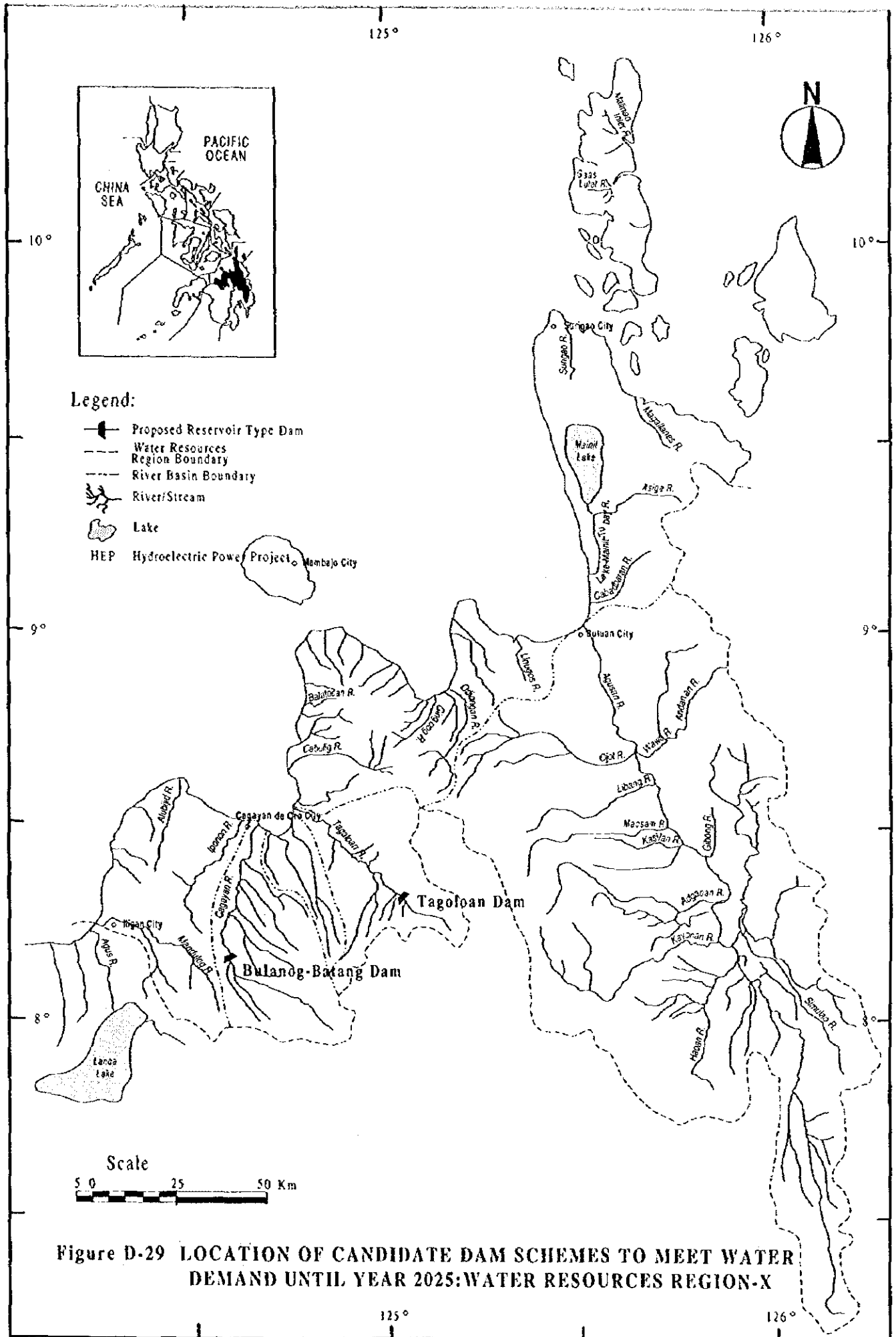


Figure D-29 LOCATION OF CANDIDATE DAM SCHEMES TO MEET WATER DEMAND UNTIL YEAR 2025: WATER RESOURCES REGION-X

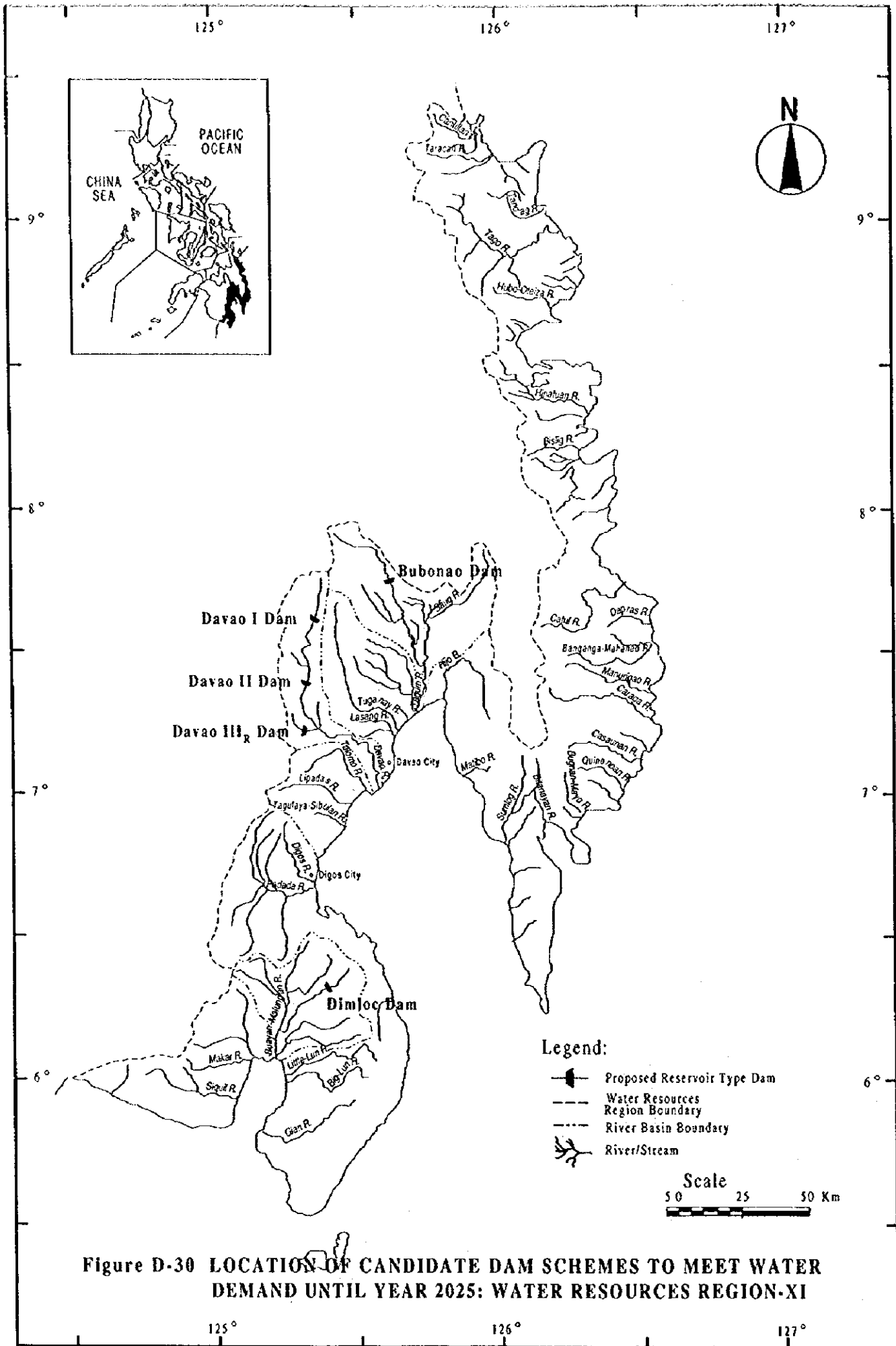
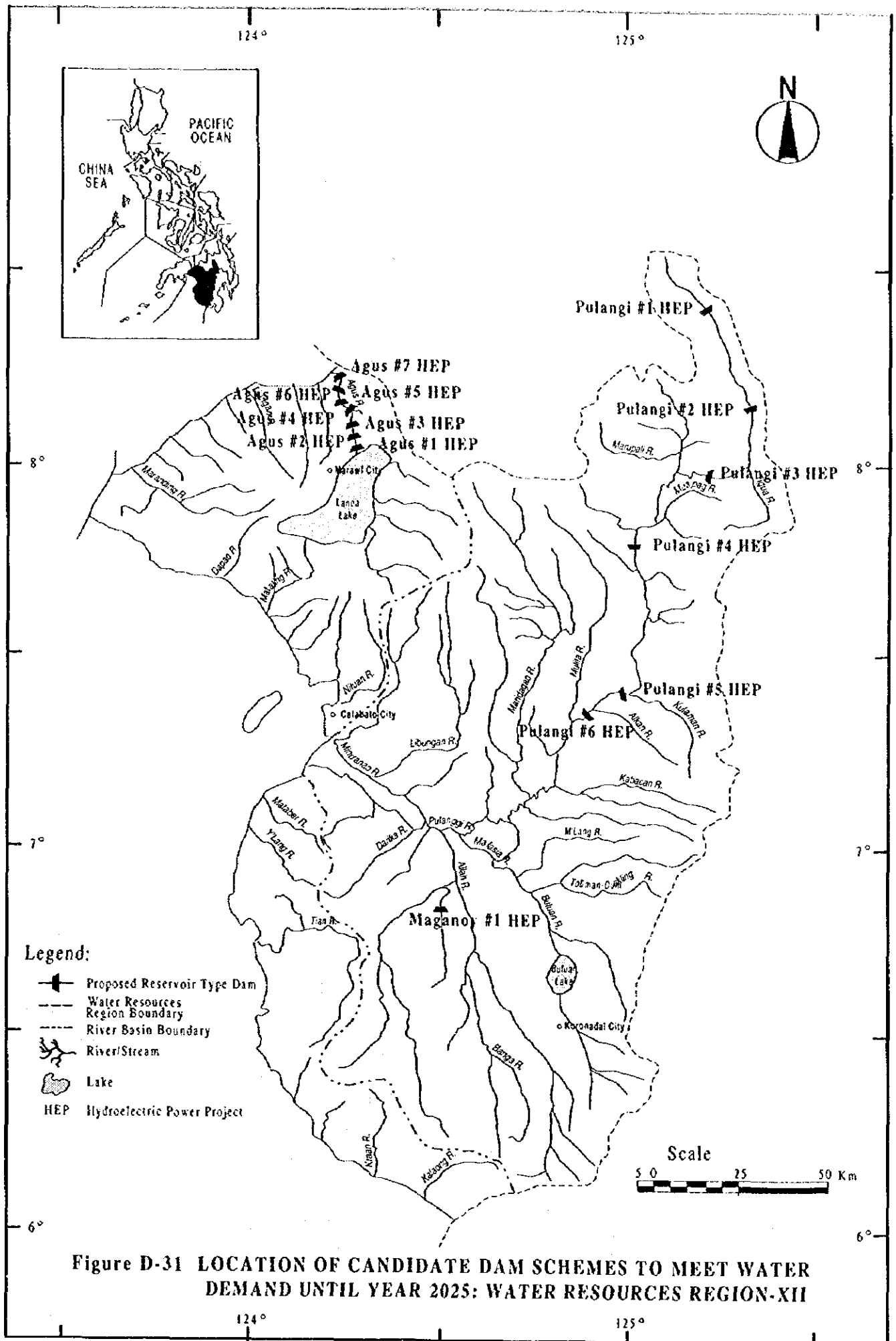


Figure D-30 LOCATION OF CANDIDATE DAM SCHEMES TO MEET WATER DEMAND UNTIL YEAR 2025: WATER RESOURCES REGION-XI



- LEGEND**
- ① : Umiray-Angat Transbasin Project
 - ② : Kanan-Umiray Transbasin Project
 - ③ : Kaliwa Water Conveyance Project
 - ④ : Pampanga Water Conveyance Project
 - ⑤ : Maasim Dam Project
 - ⑥ : Bayabas Dam Project

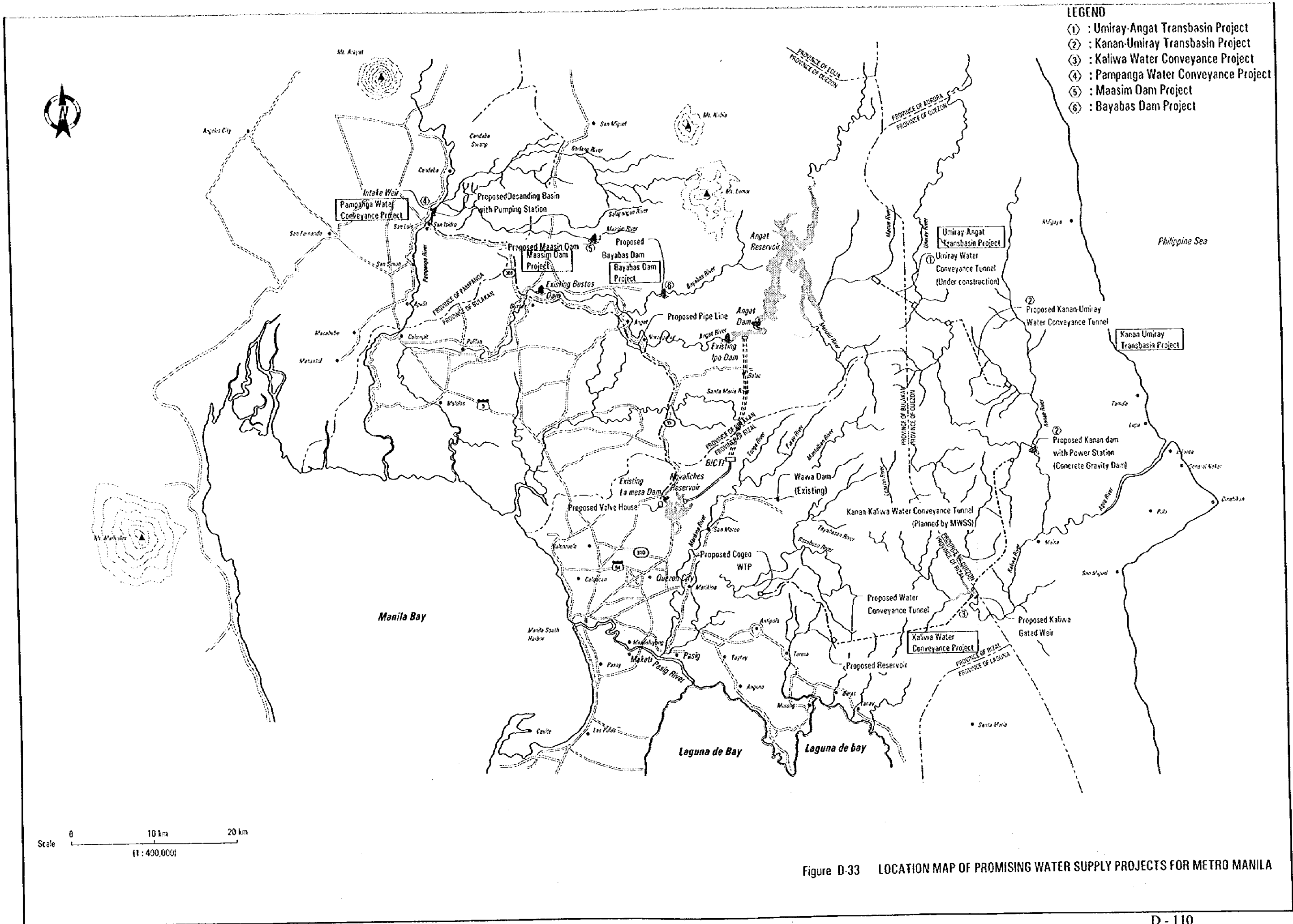


Figure D-33 LOCATION MAP OF PROMISING WATER SUPPLY PROJECTS FOR METRO MANILA

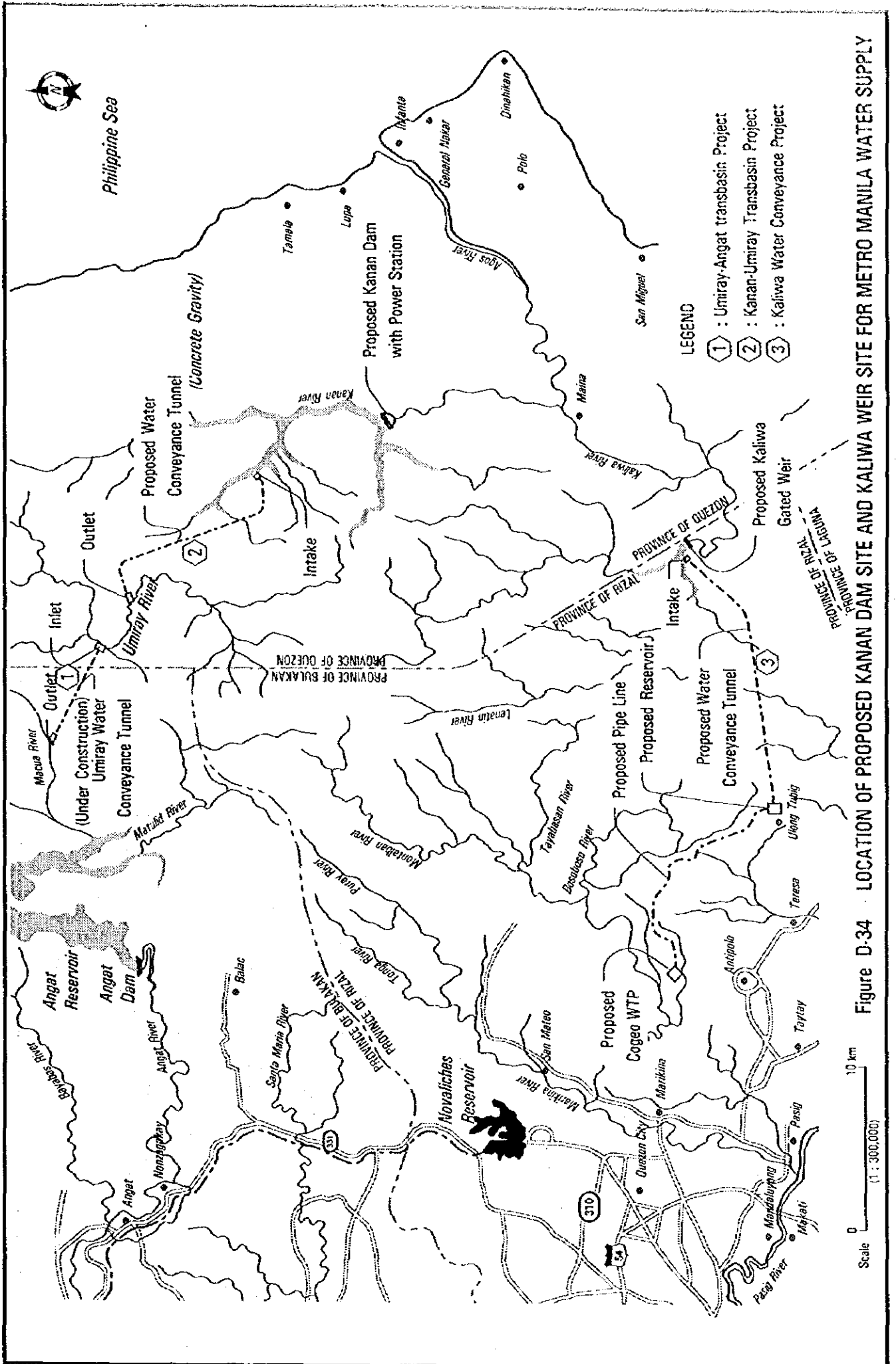


Figure D-34 LOCATION OF PROPOSED KANAN DAM SITE AND KALIWA WEIR SITE FOR METRO MANILA WATER SUPPLY

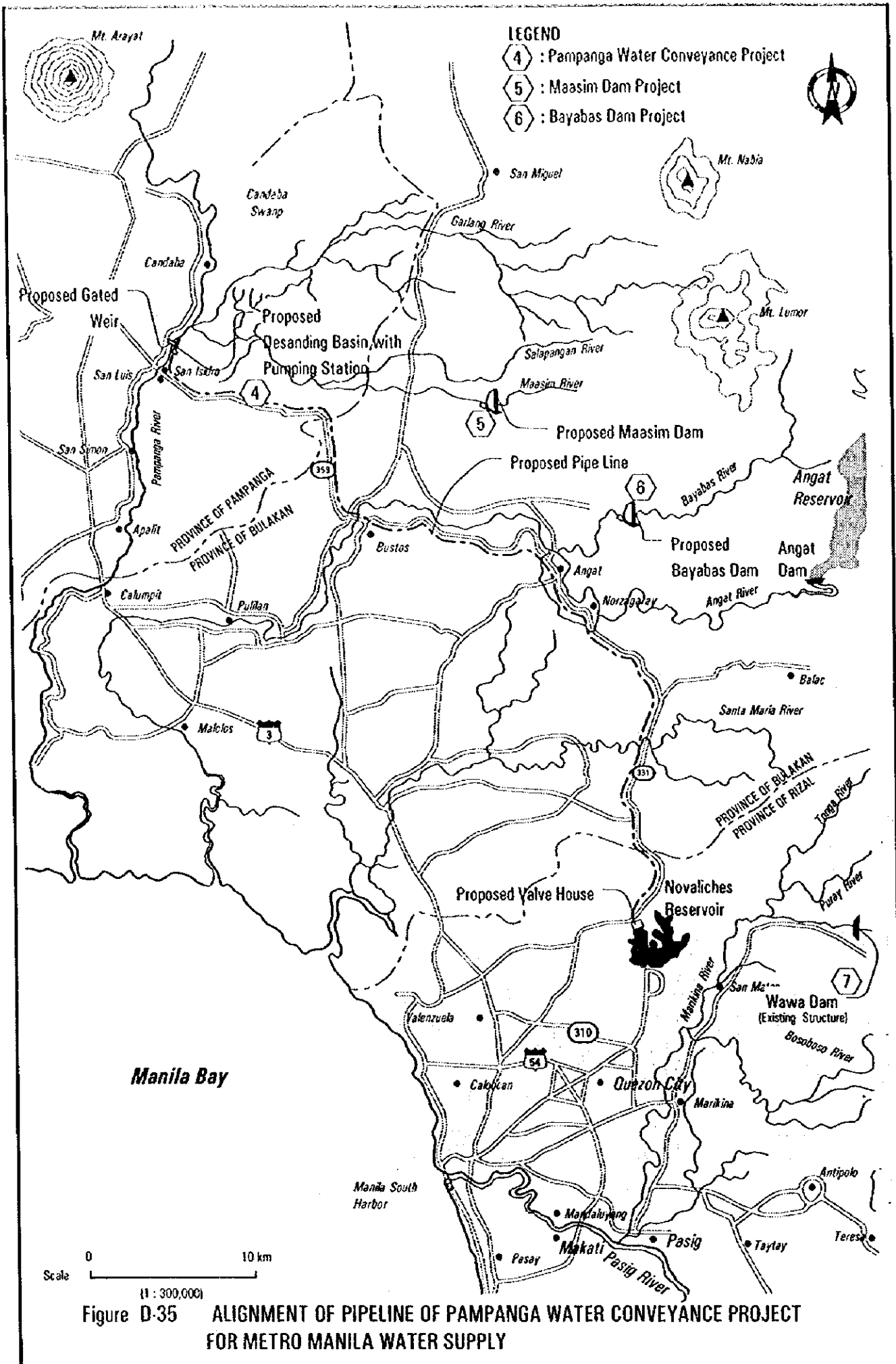


Figure D-35 ALIGNMENT OF PIPELINE OF PAMPANGA WATER CONVEYANCE PROJECT FOR METRO MANILA WATER SUPPLY

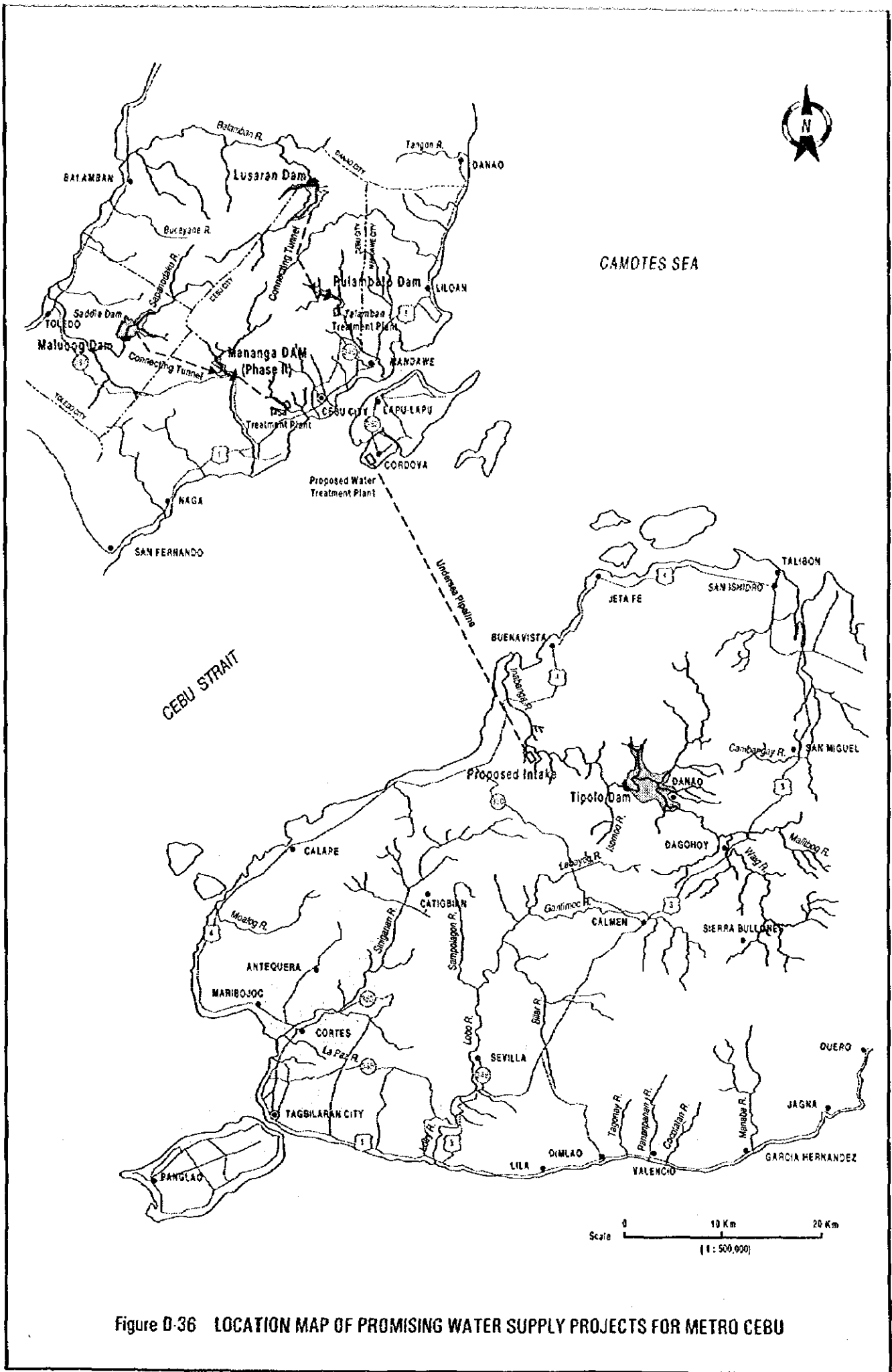


Figure D-36 LOCATION MAP OF PROMISING WATER SUPPLY PROJECTS FOR METRO CEBU

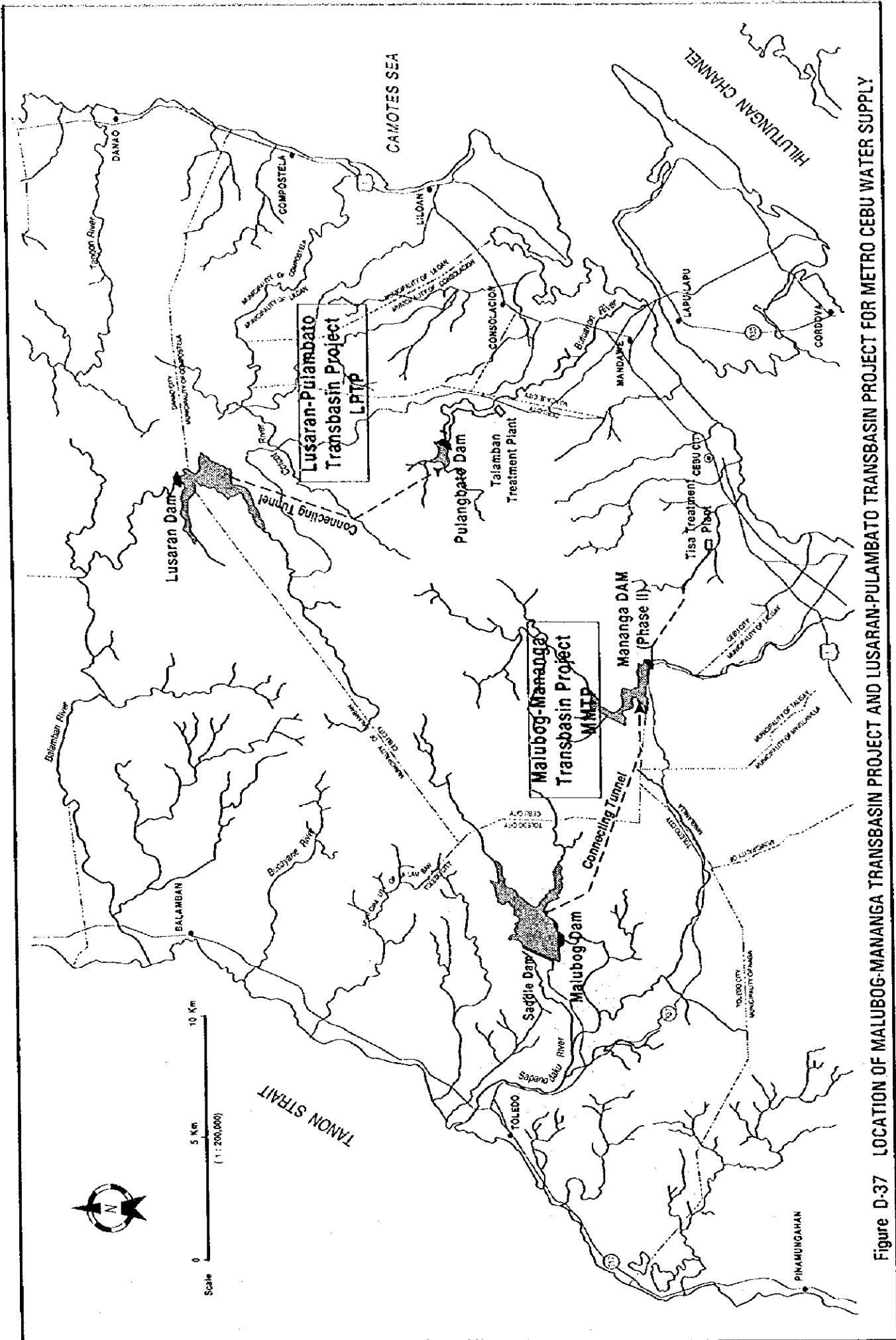


Figure D-37 LOCATION OF MALUBOG-MANANGA TRANSBASIN PROJECT AND LUSARAN-PULAMBATO TRANSBASIN PROJECT FOR METRO CEBU WATER SUPPLY

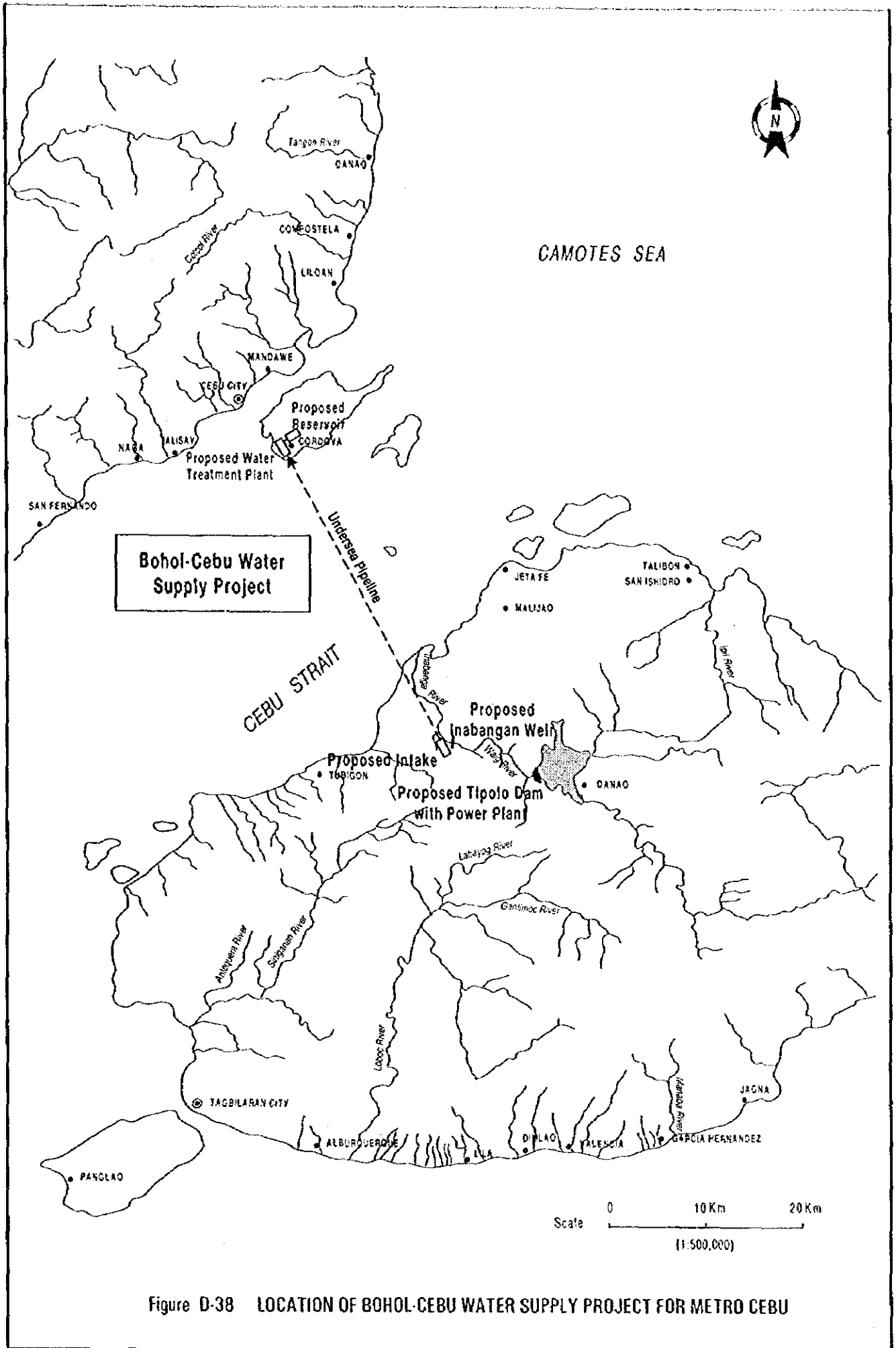


Figure D-38 LOCATION OF BOHOL-CEBU WATER SUPPLY PROJECT FOR METRO CEBU

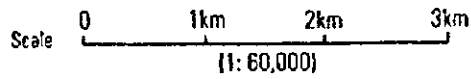
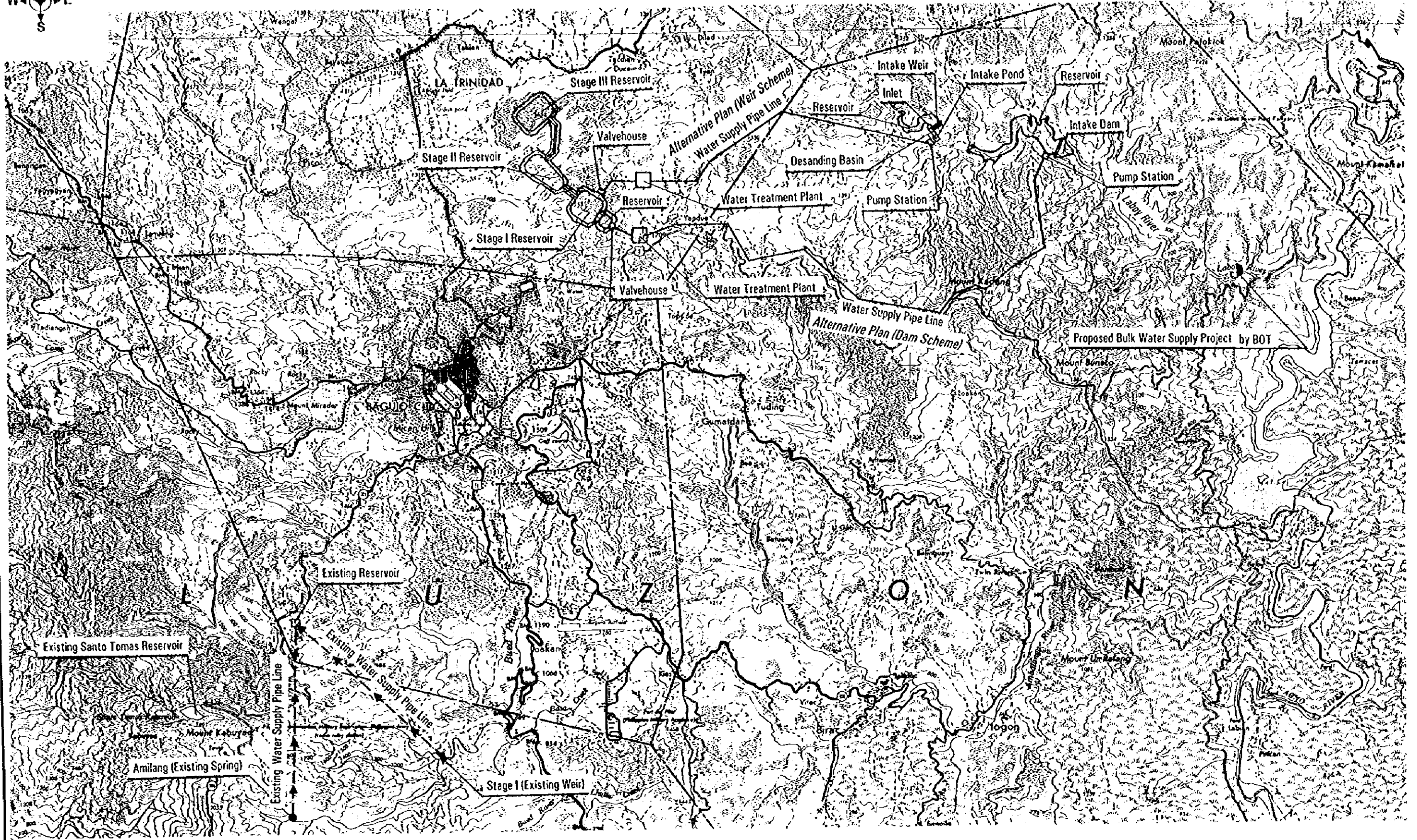
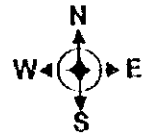


Figure D-39 LOCATION MAP OF PROMISING WATER SUPPLY PROJECTS FOR BAGUIO CITY

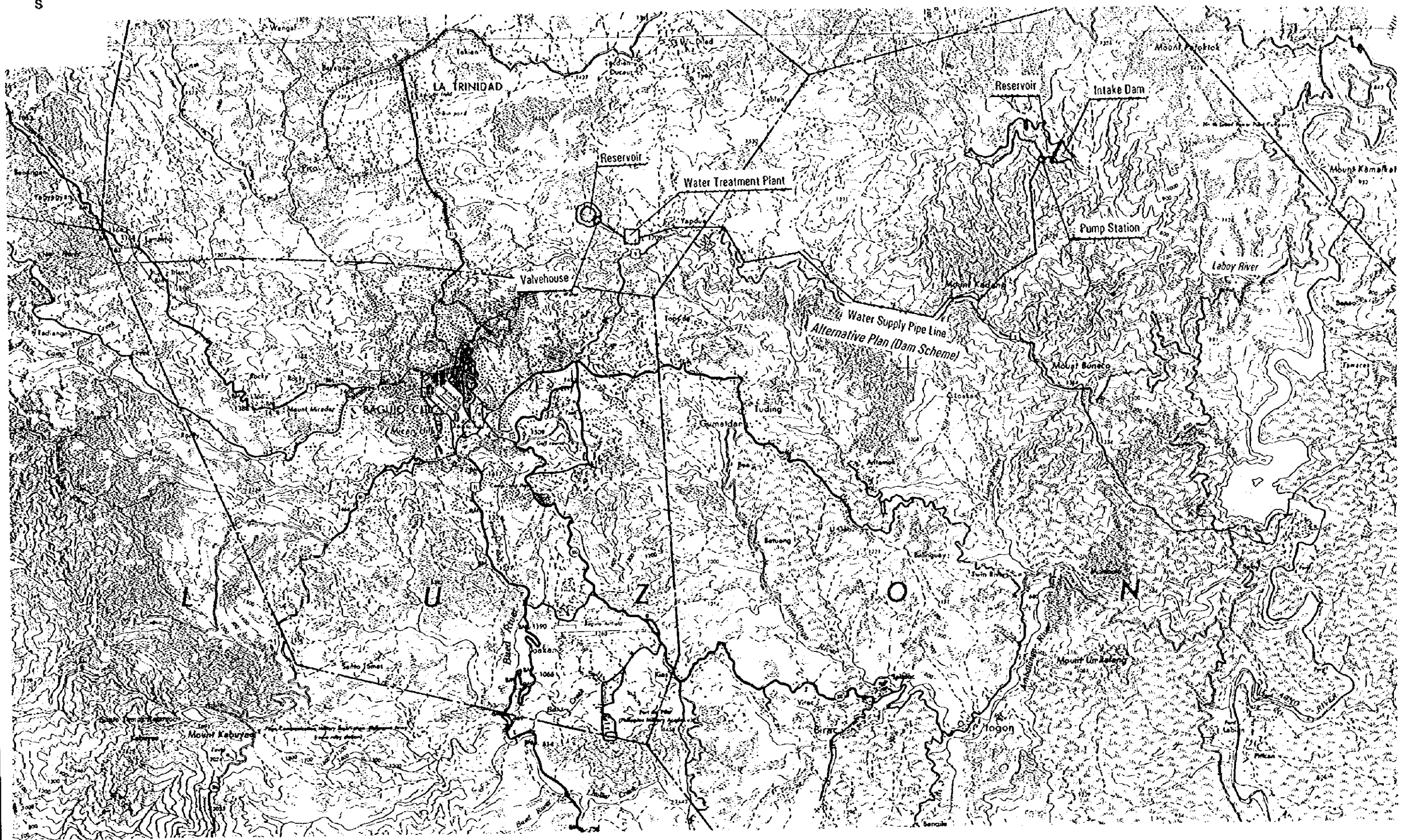


Figure D-40 LOCATION OF PROPOSED LABOY DAM WATER SUPPLY PROJECT FOR BAGUIO CITY

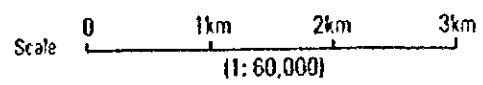
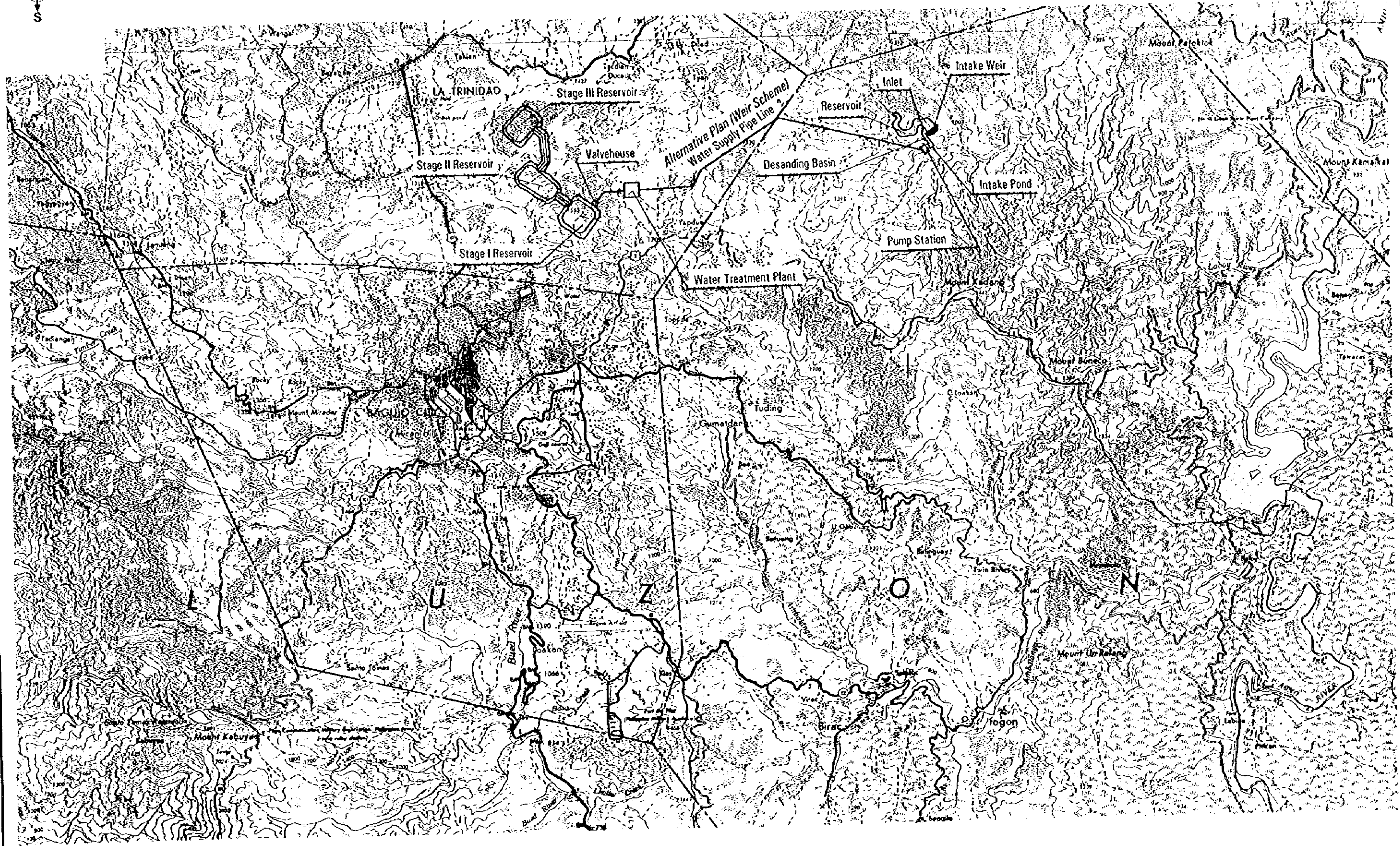


Figure D-41 LOCATION OF LABOY WEIR AND POND WATER SUPPLY PROJECT FOR BAGUIO CITY