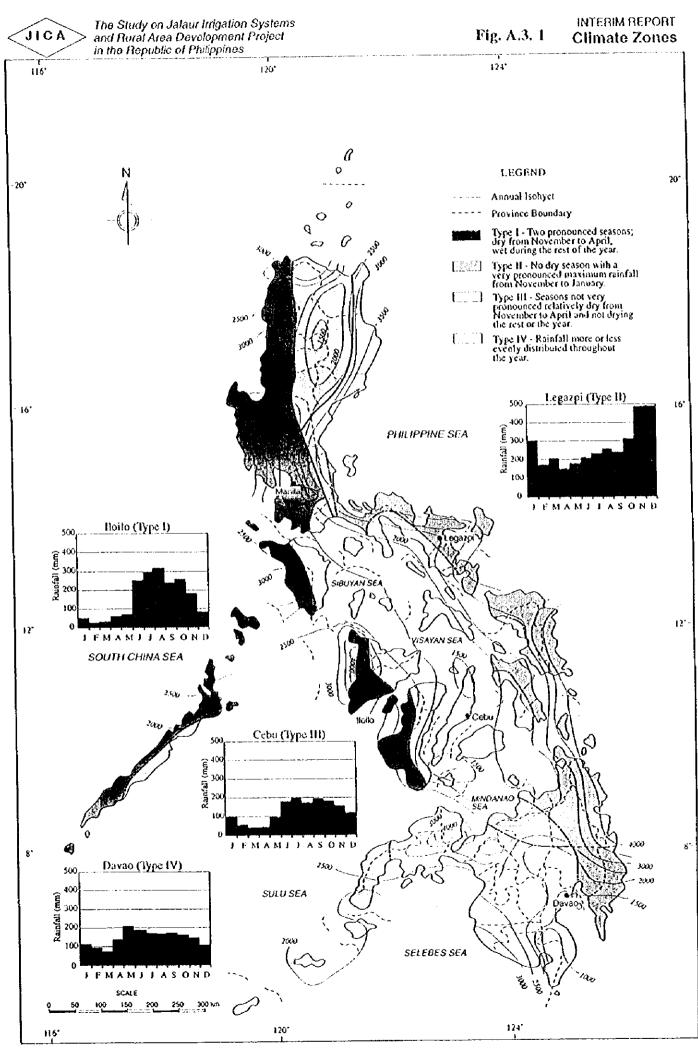
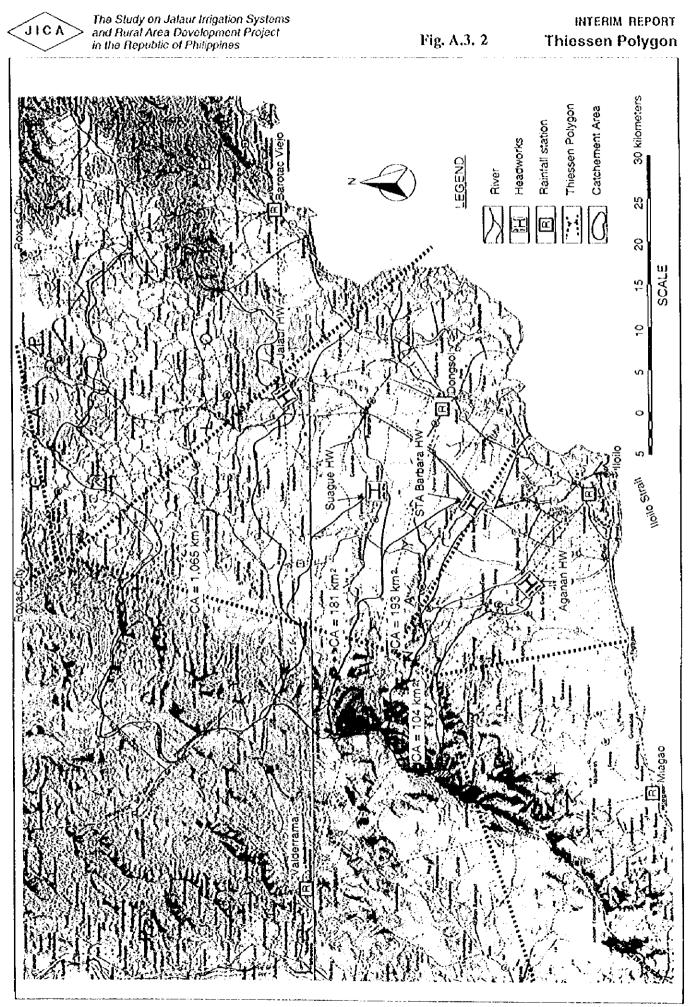
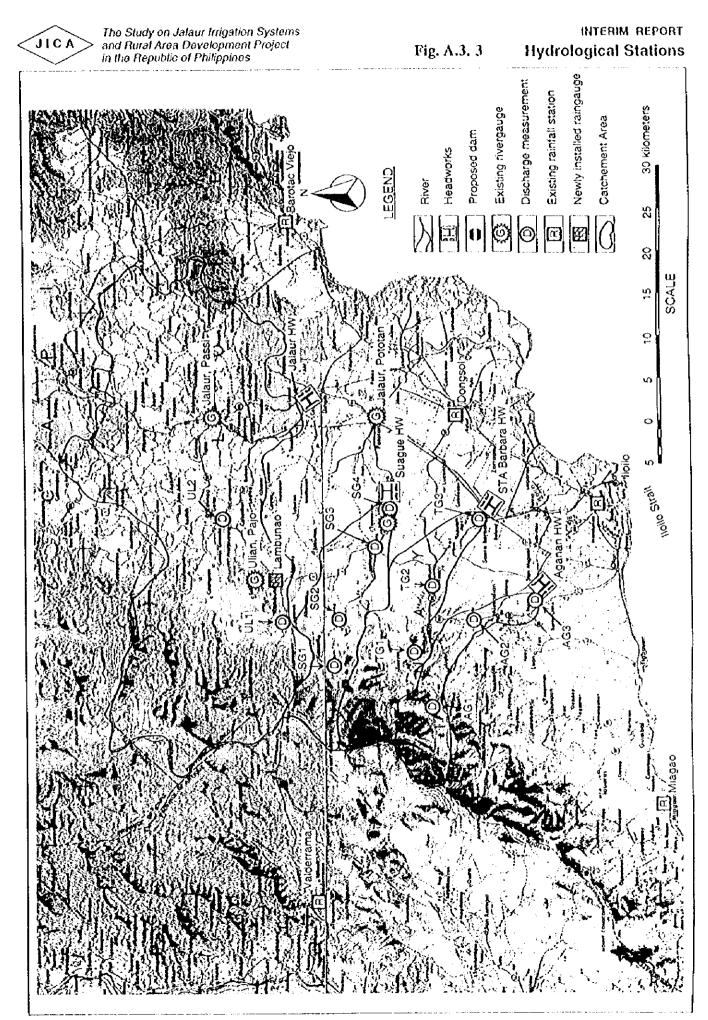
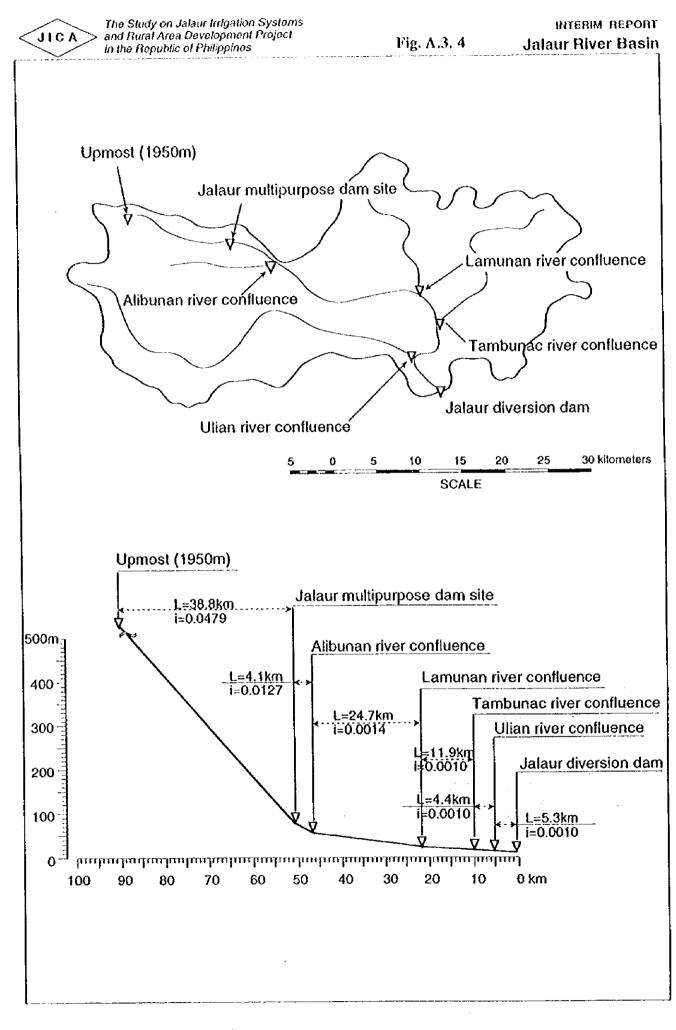
## Figures



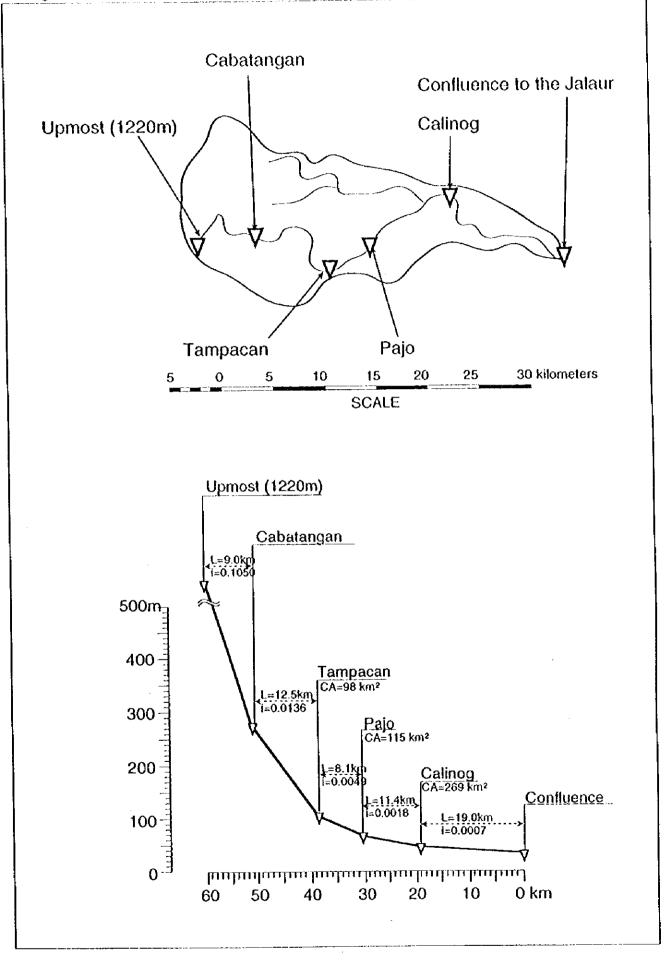


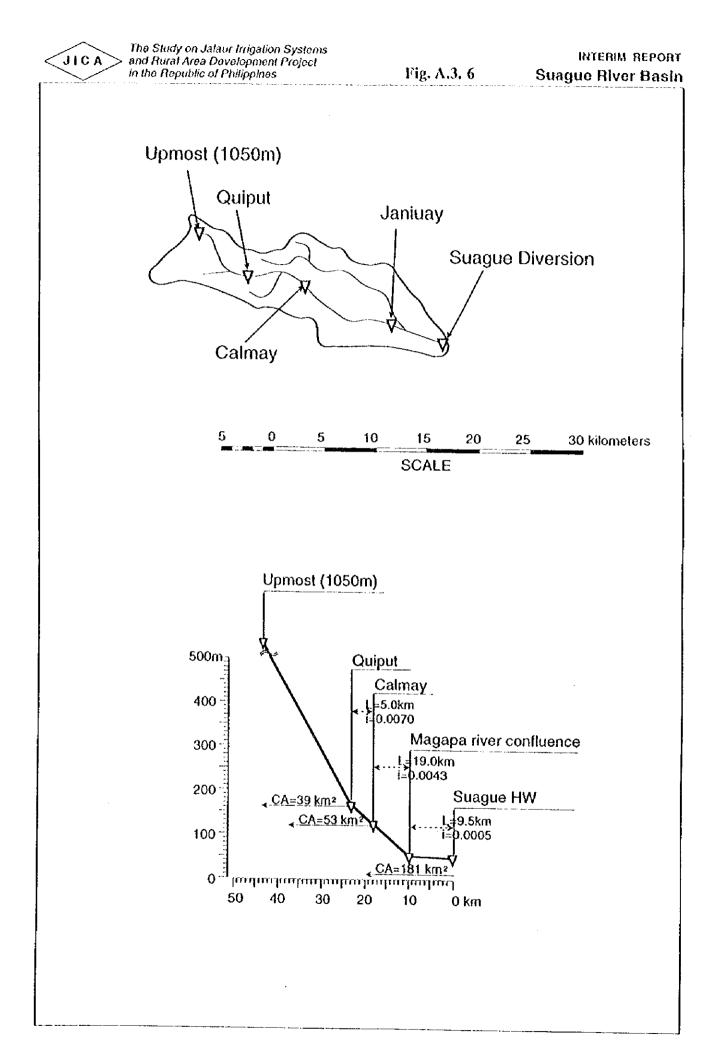


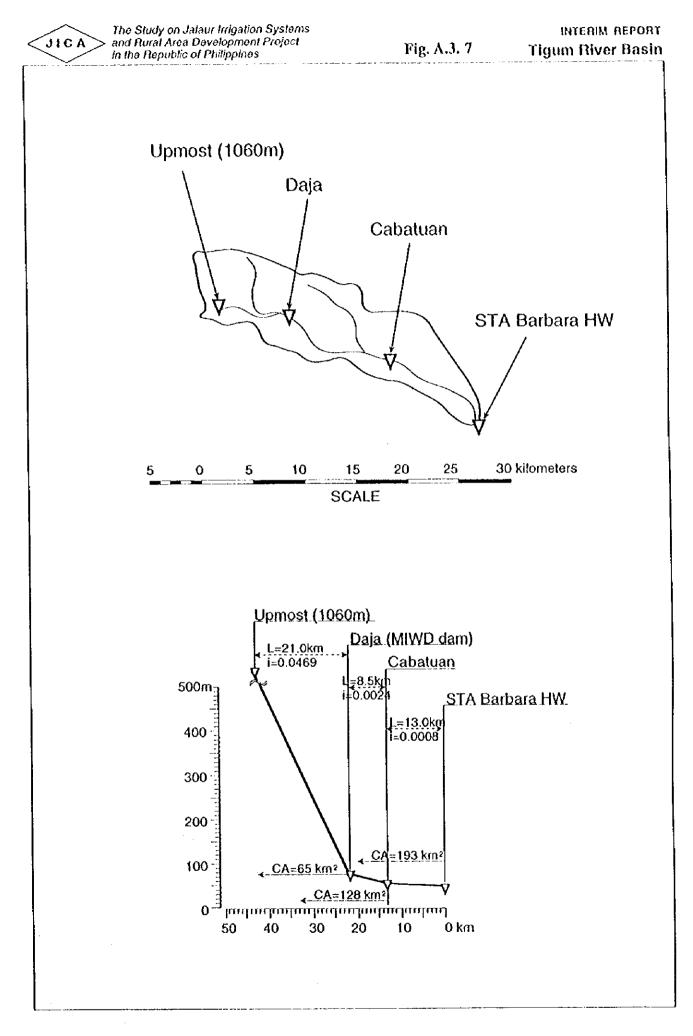


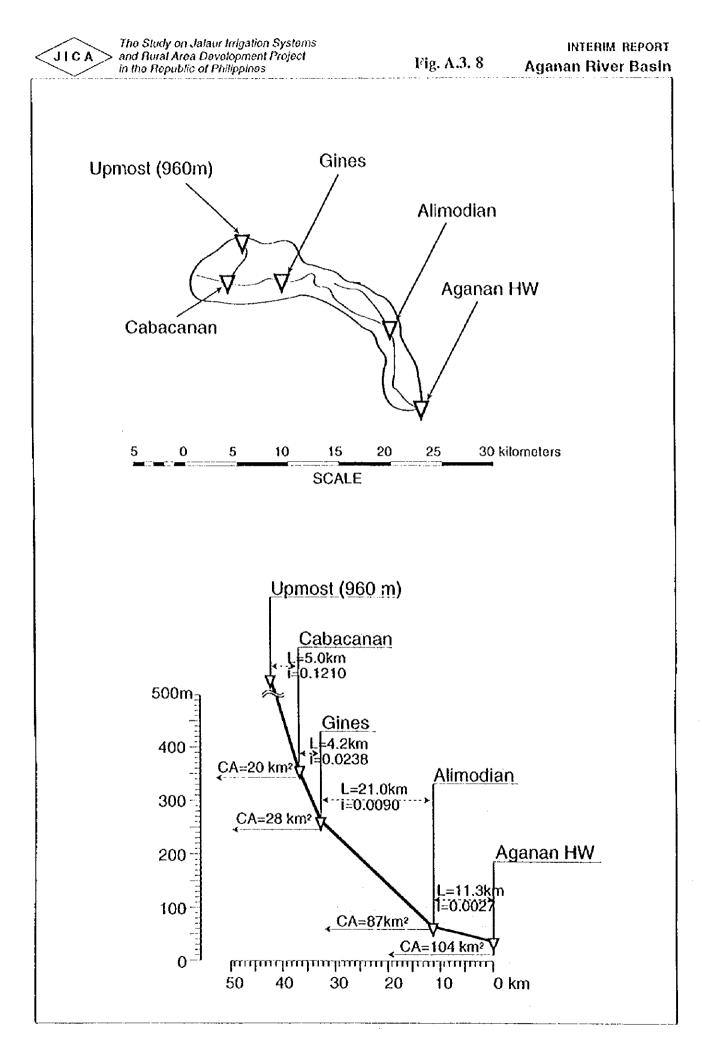


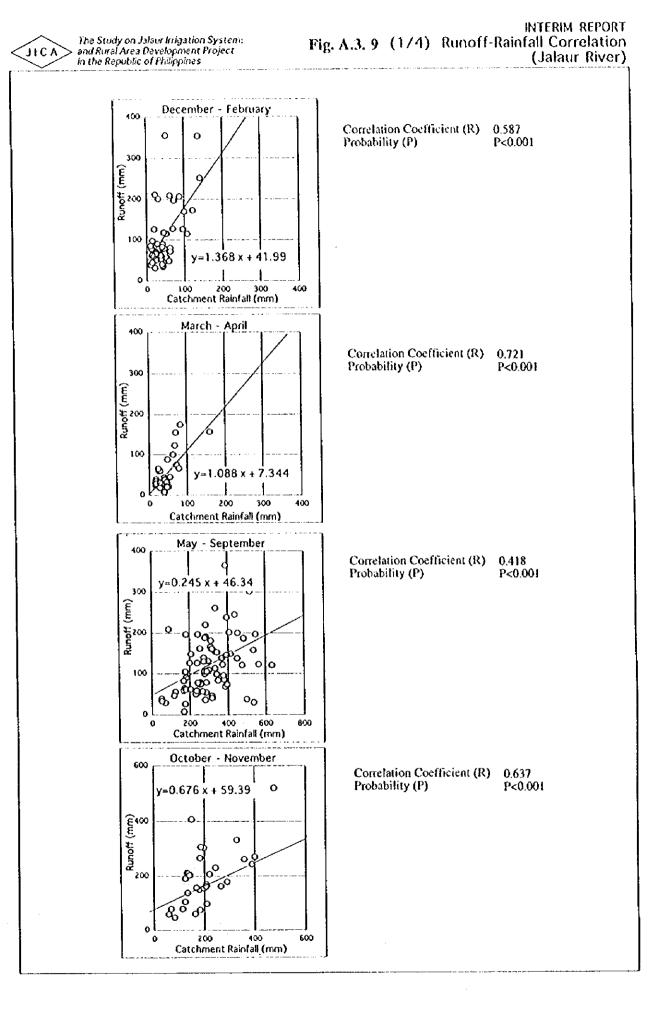
The Study on Jalaur Irrigation Systems and Rurat Area Development Project in the Republic of Philippines INTERIM REPORT Ulian River Basin

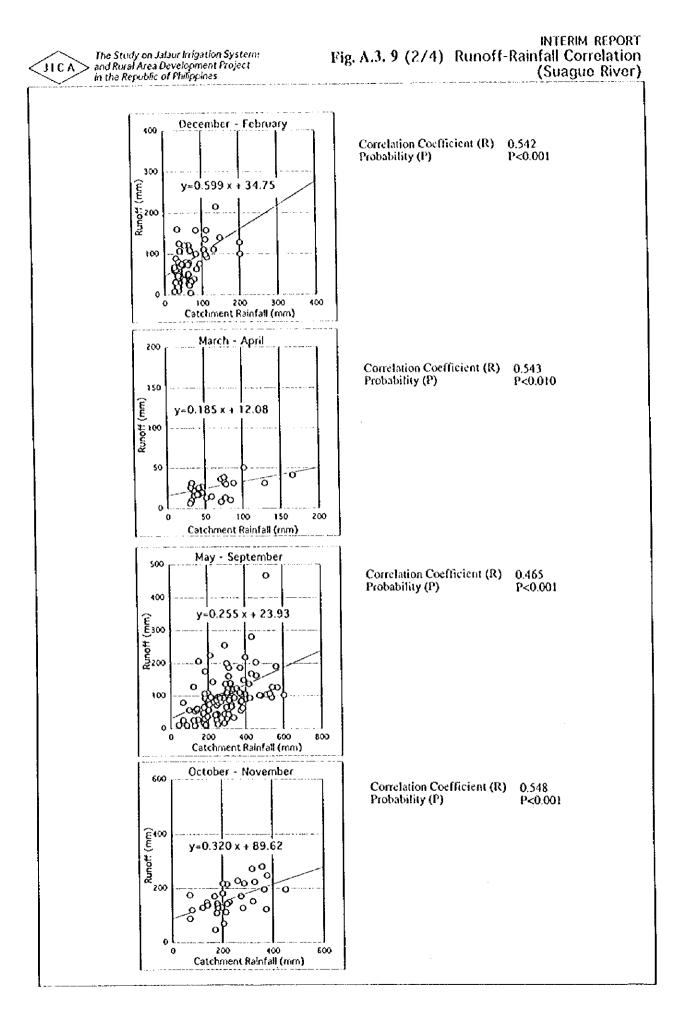


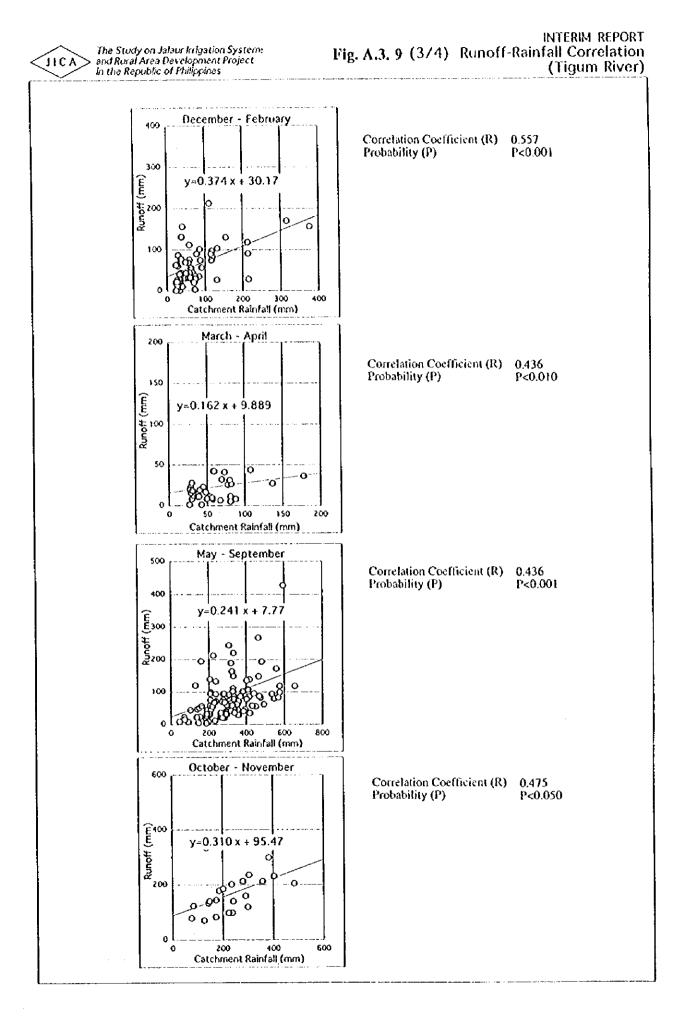




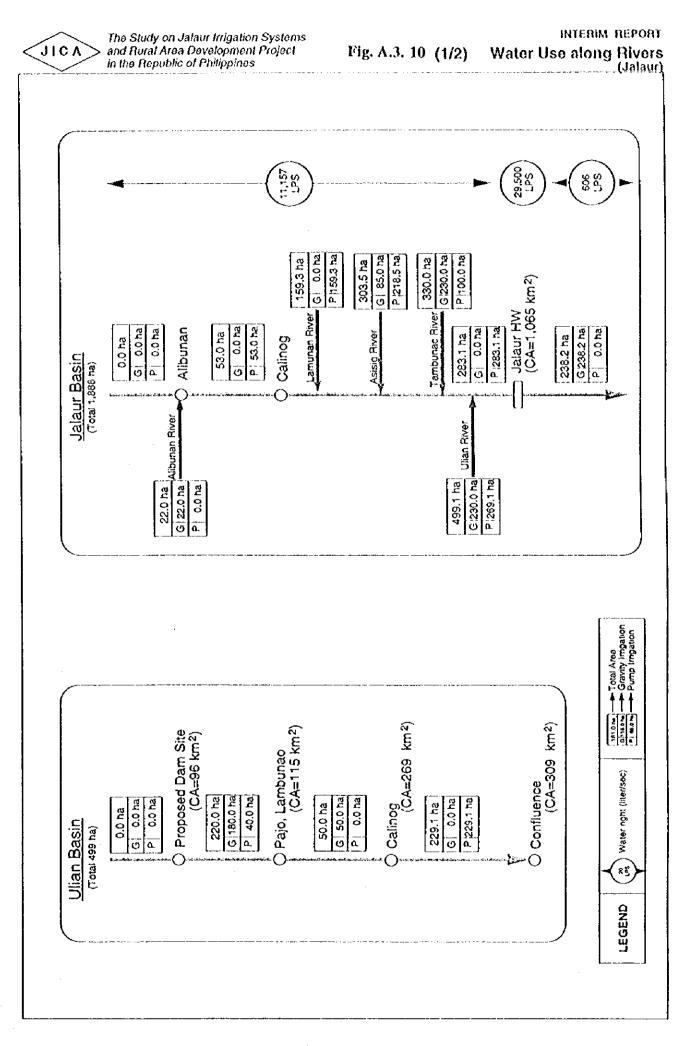






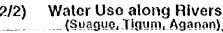


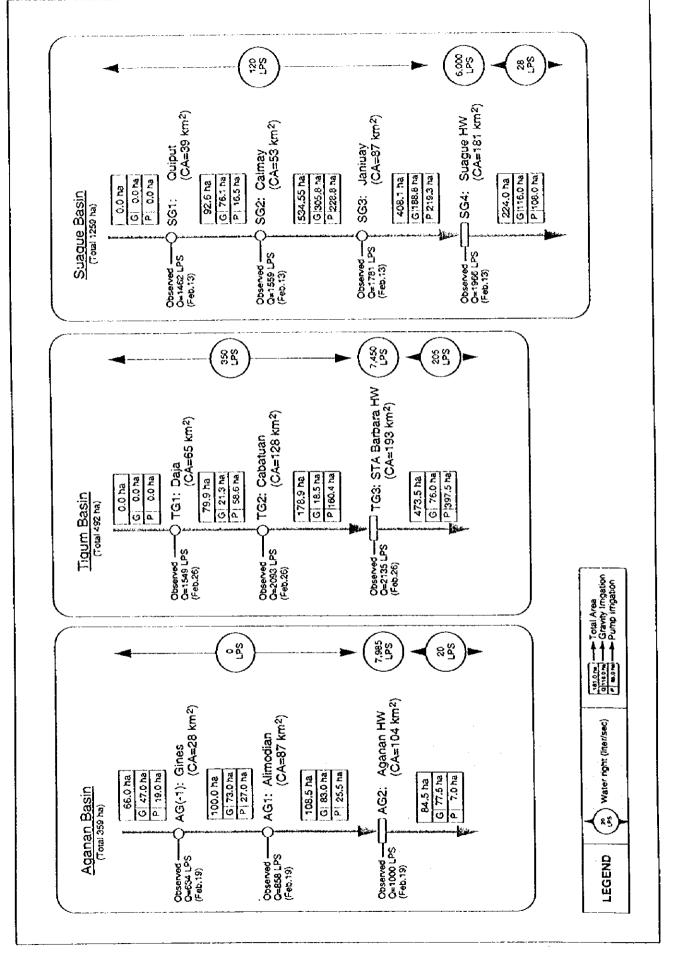
JICA The Study on Jalaur Irrigation System: and Rural Area Development Project in the Republic of Philippines	INTERIM REPORT Fig. A.3. 9 (4/4) Runoff-Rainfall Correlation (Aganan River)
$\begin{array}{c ccccc} & & & & & & & & & & & & & & & & &$	Correlation Coefficient (R) 0.454 Probability (P) P<0.001 n 84
$\begin{bmatrix} 200 & february - April \\ 150 & & & \\ 150 & & & \\ \hline \\$	Correlation Coefficient (R) 0.186 Probability (P) P<0.300 n 42
$\begin{array}{c c} \hline Catchment Rainfall (mm) \\ \hline \\ 1000 \\ \hline \\ 800 \\ \hline \\ 900 $	Correlation Coefficient (R) 0.388 Probability (P) P<0.001 n 126

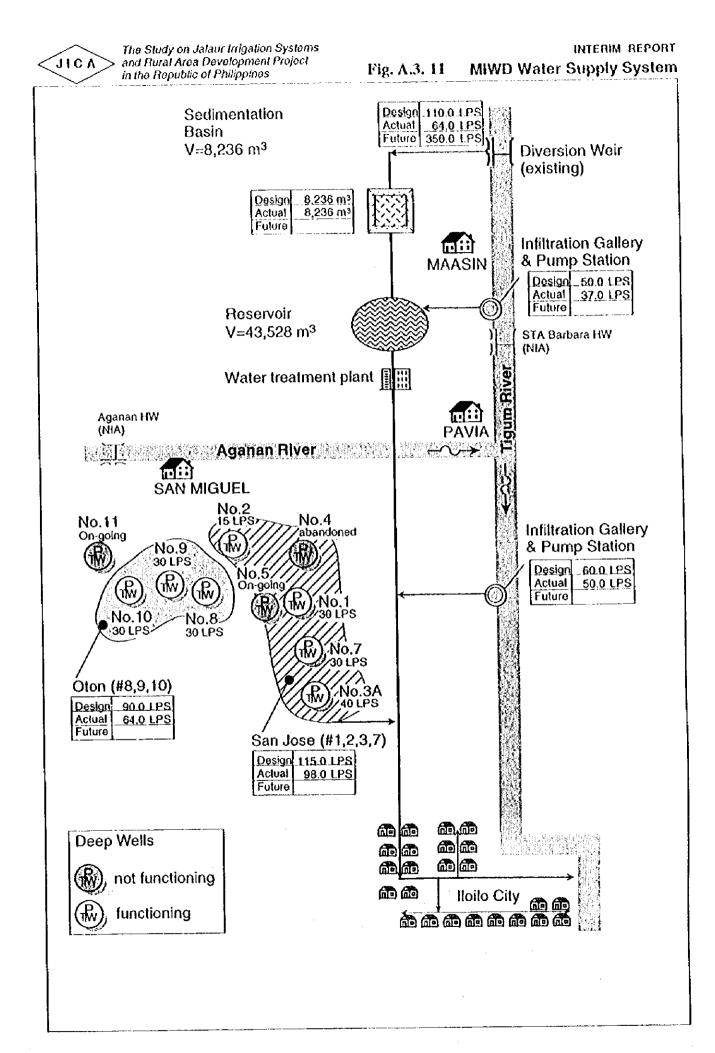


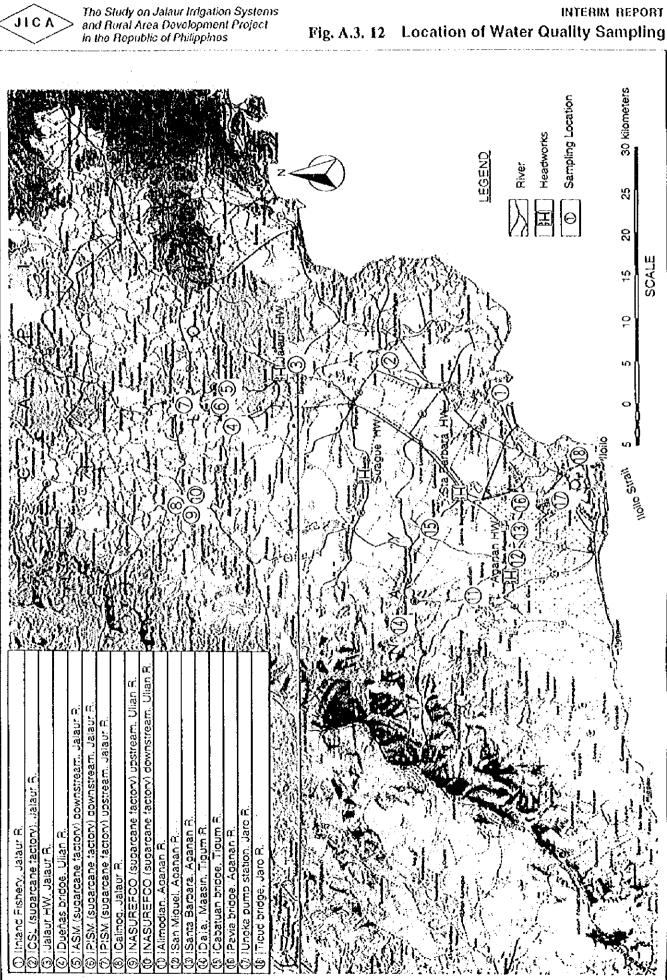


The Study on Jalaur Irrigation Systems and Rural Area Development Project in the Republic of Philippines

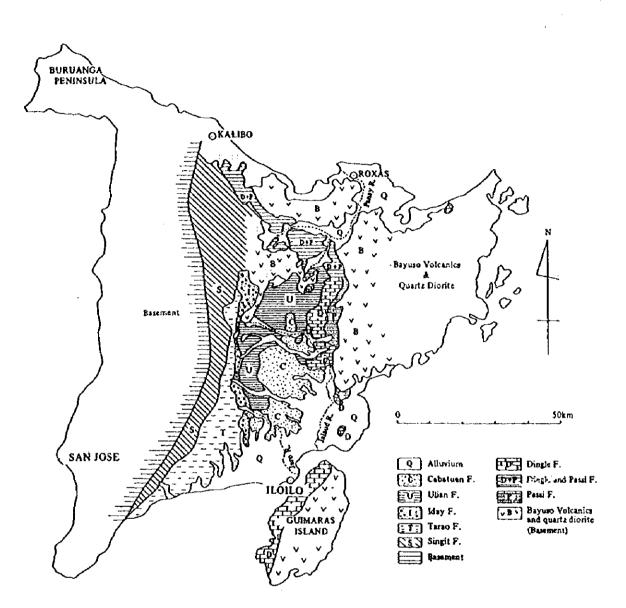








INTERIM REPORT





Geologic map of Panay Island

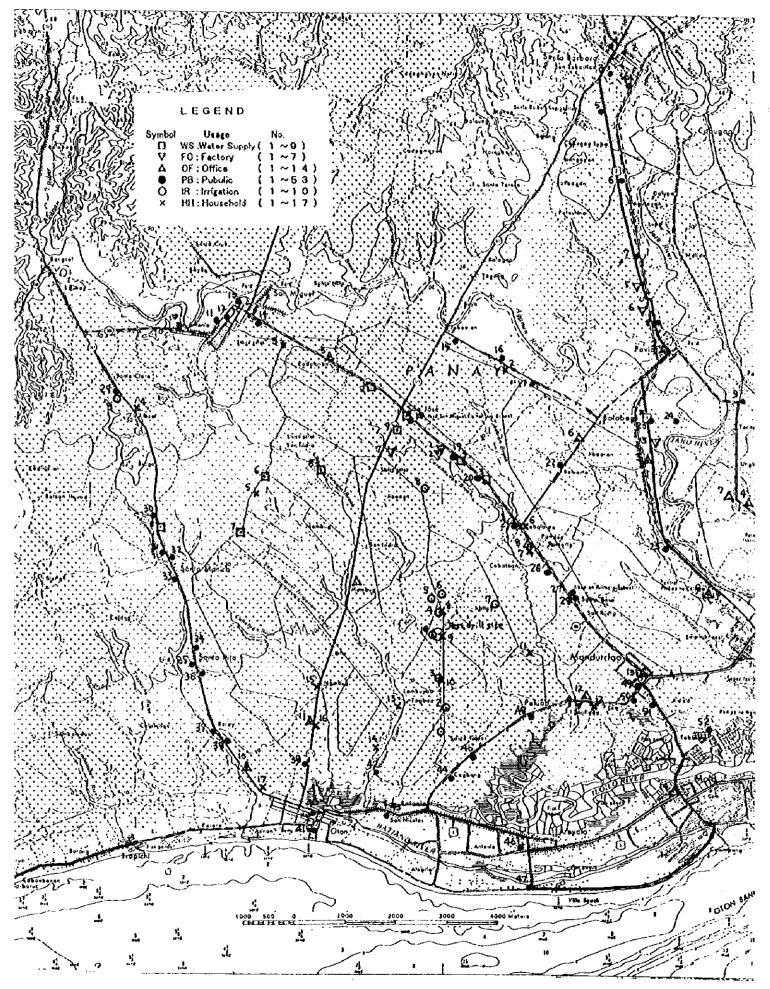
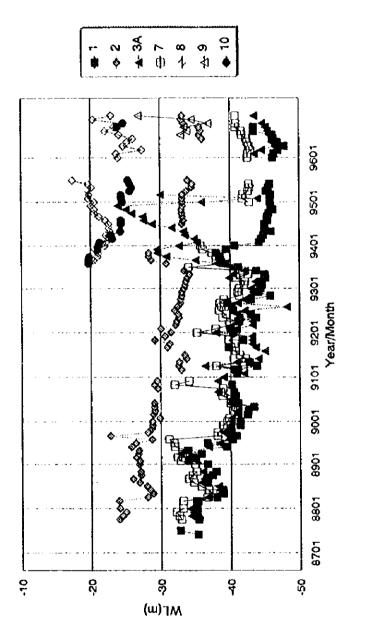
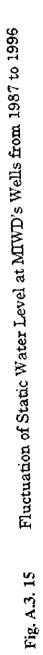
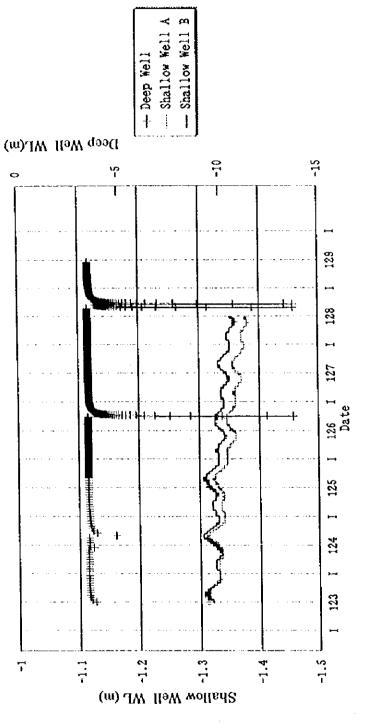


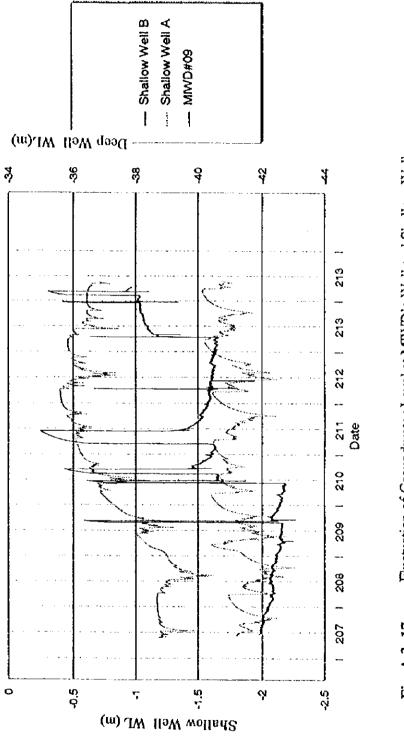
Fig. A.3. 14 Location Map of Existing wells











Fluctuation of Groundwater Level at MIWD's Well and Shallow Well Fig. A.3. 17

AF - 21

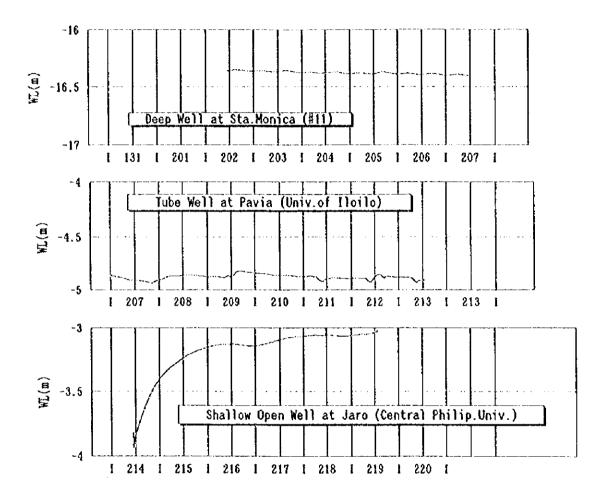


Fig. A.3. 18 Fluctuation of Groundwater of Level at Other Wells

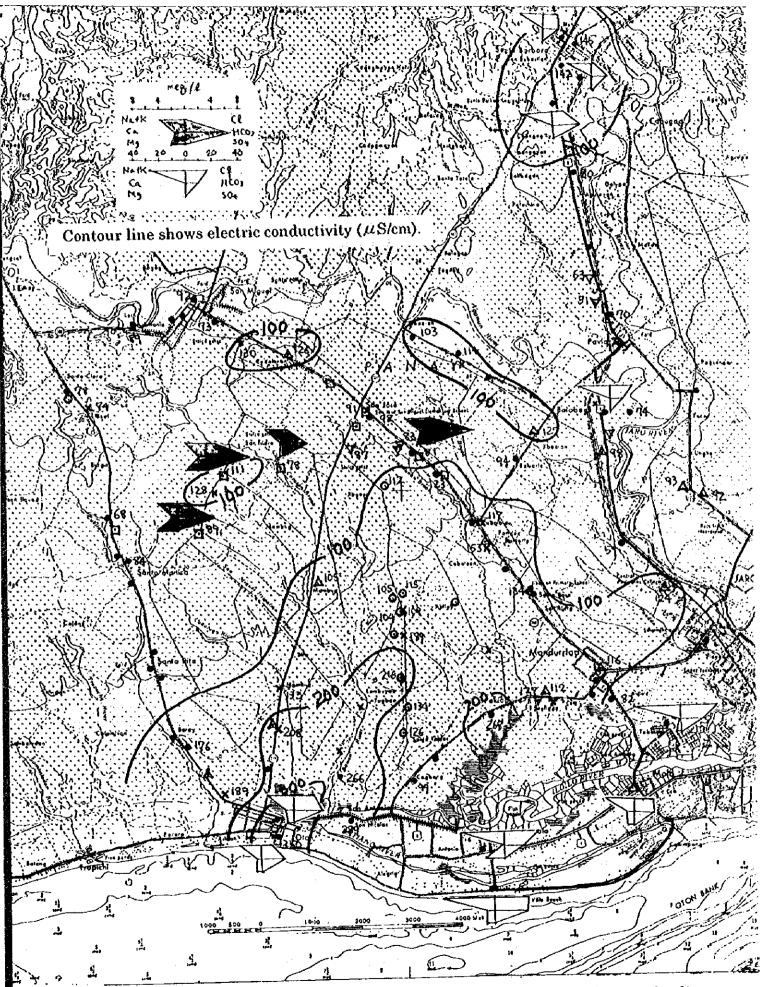
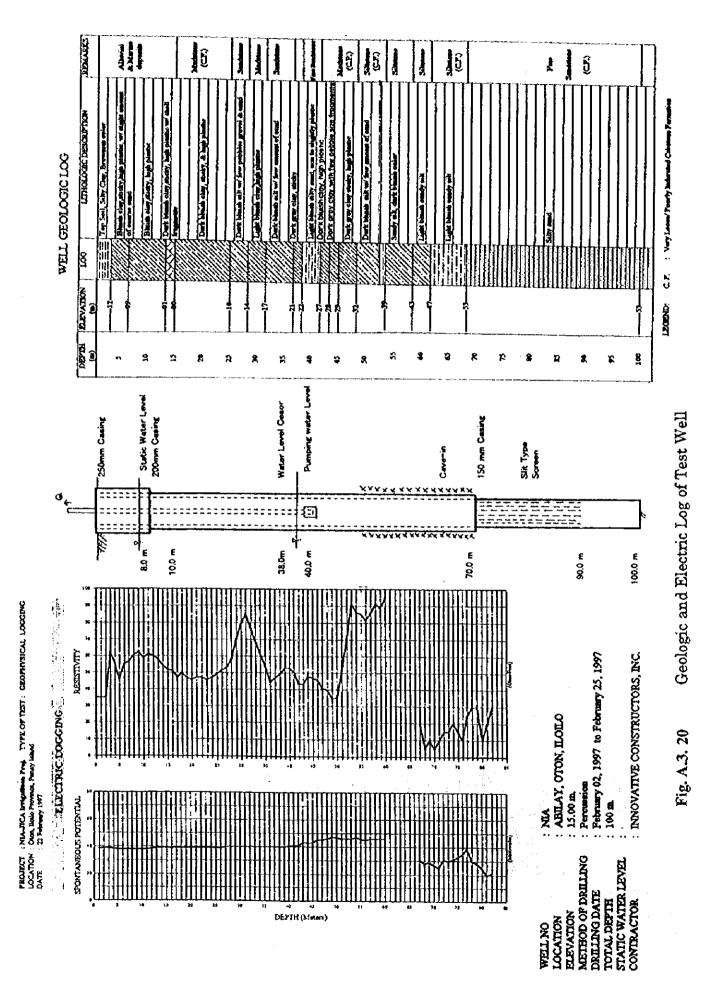
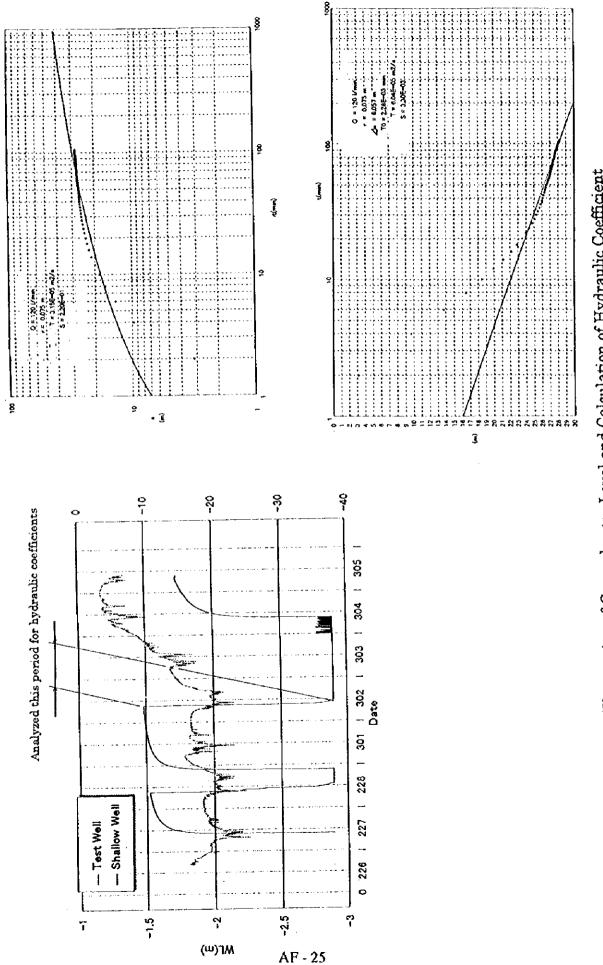
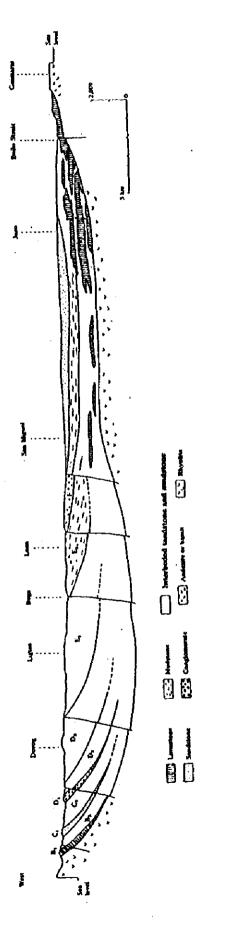


Fig. A.3. 19 Contour Map of Electric Conductivity and Pattern Diagram of Water Quality

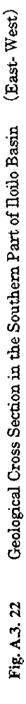


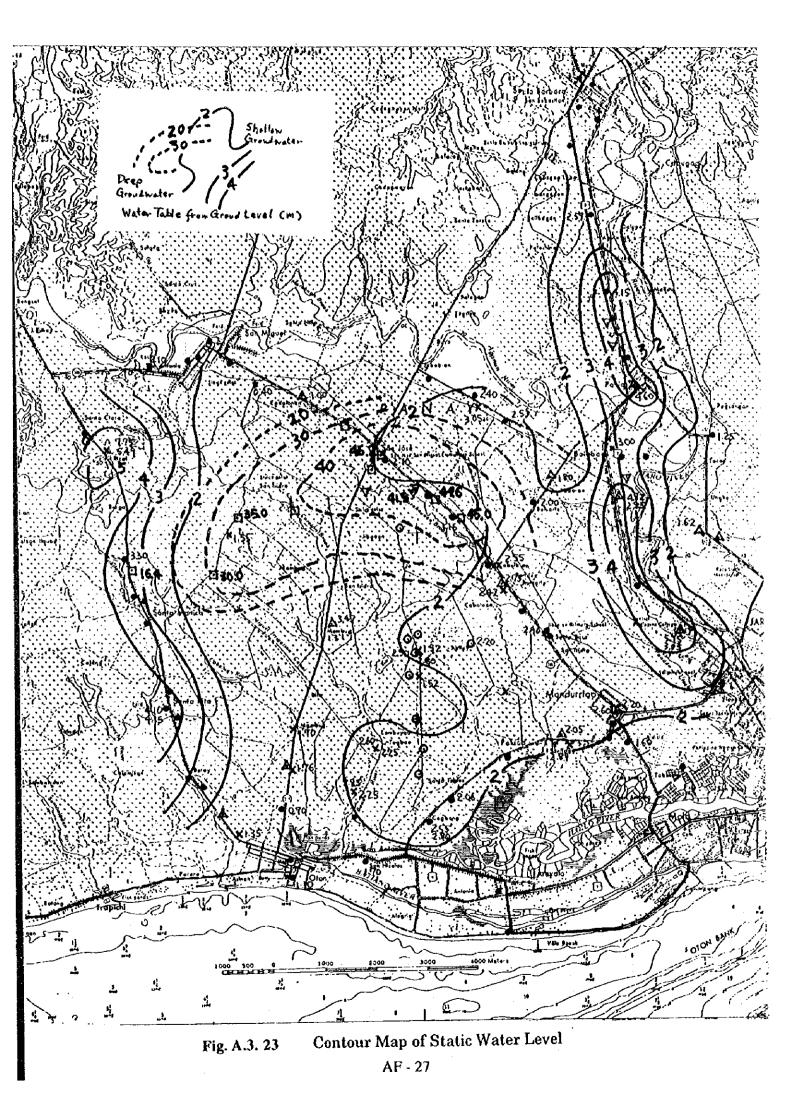






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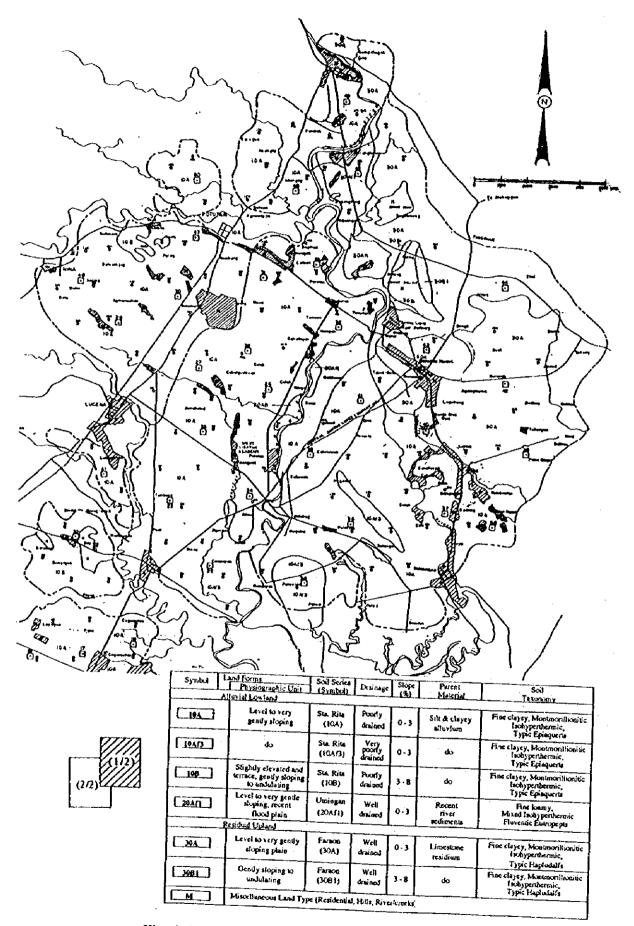


Fig. A.3. 24 Soil Classification Map (1/2)

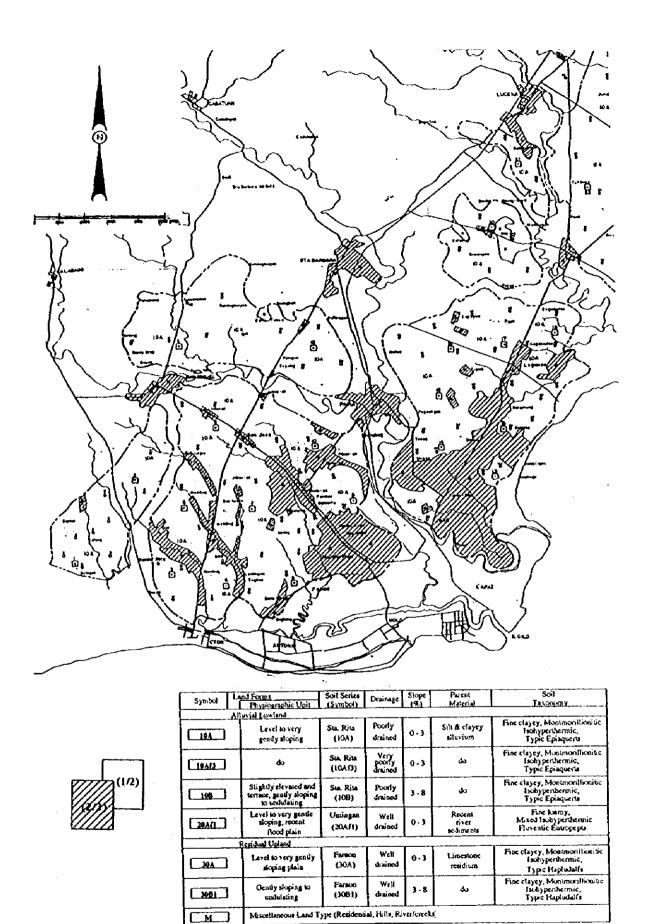


Fig. A.3. 24 Soil Classification Map (2/2)

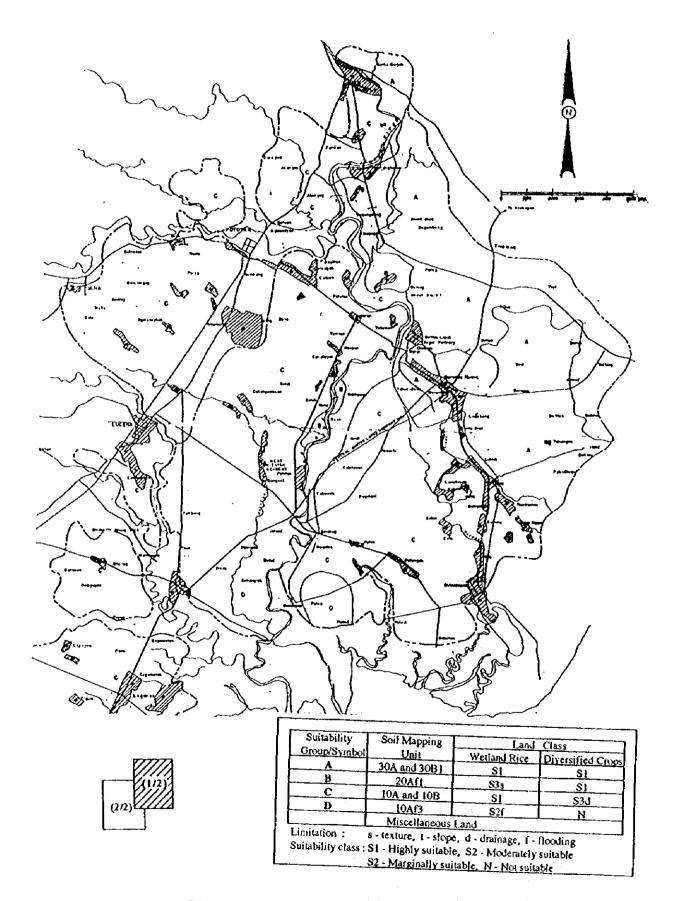
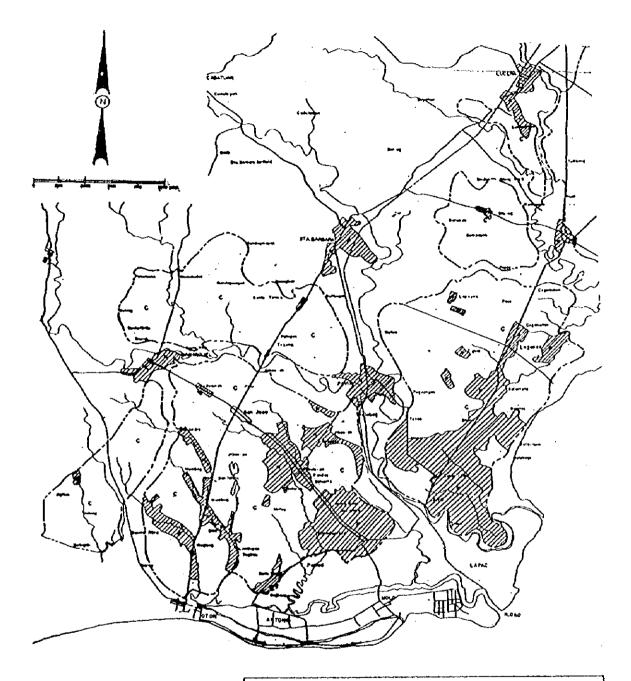
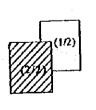


Fig. A.3. 25 Land Suitability Map (1/2)





Suitability	Soil Mapping	Land	Class
Group/Symbol	Unit	Wetland Rice	<b>Diversified</b> Crops
A	30A and 30B1	<u>St</u>	<u>S1</u>
В	20A[]	S3s	<u>S1</u>
c	10A and 10B	<u>S1</u>	\$3d
D	10Af3	S2f	N
	Miscellaneous	Land	
uitability class :	s - texture, 1 - slop S1 - Highly suitabl S2 - Marginally su	e, S2 - Moderately	suitable

Fig. A.3. 25Land Suitability Map (2/2)

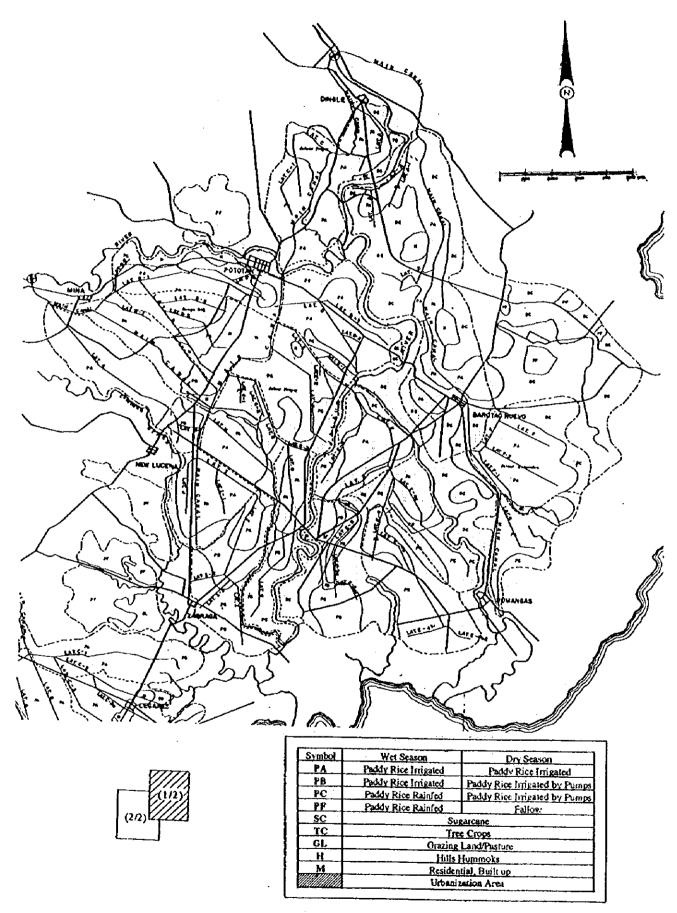


Fig. A.3. 26 Present Land Use Map (1/2)

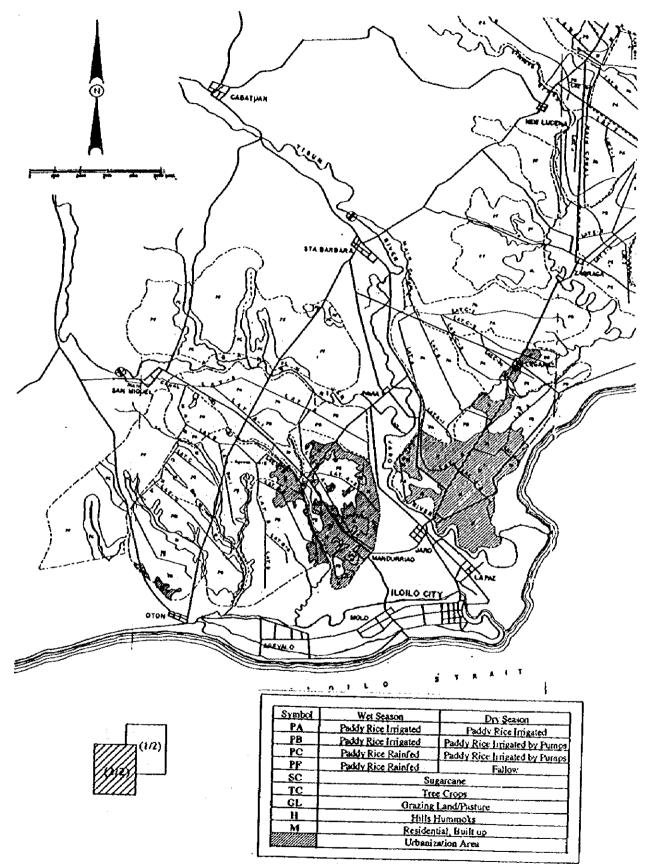
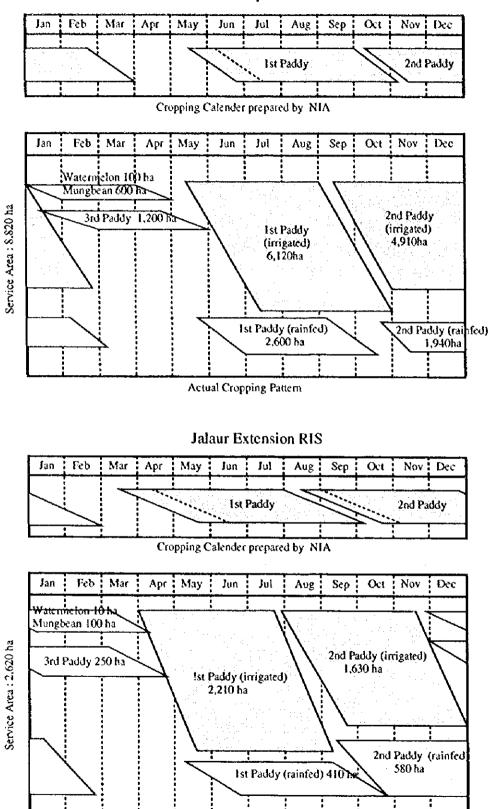


Fig. A.3. 26 Present Land Use Map (2/2)



## Jalaur Proper RIS

Fig. A.3. 27 Present Cropping Patttern (1/3)

**Actual Cropping Pattern** 

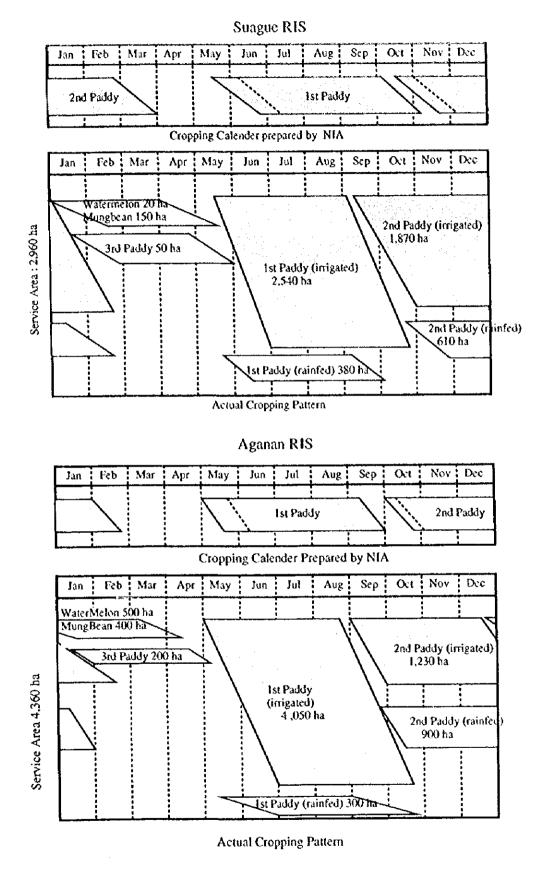
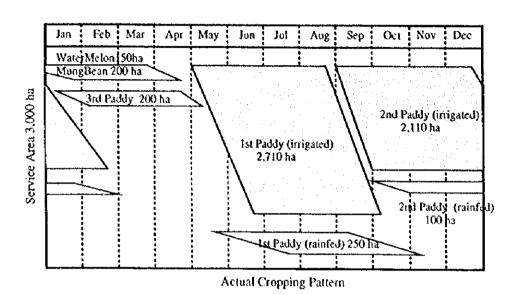


Fig. A.3. 27 Present Cropping Patern (2/3)

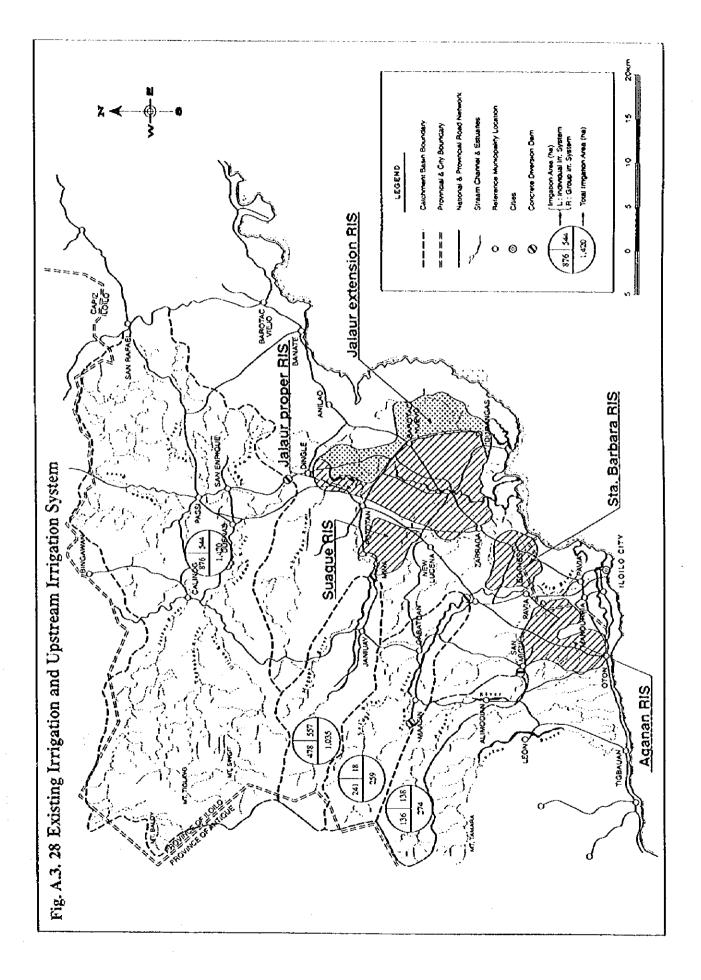
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

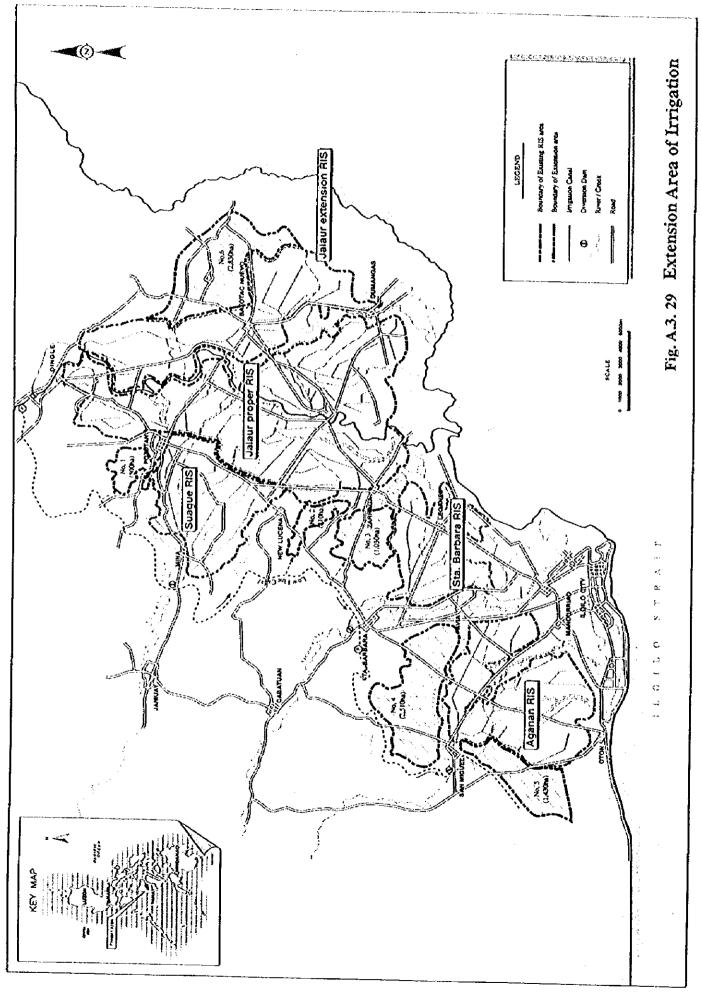
Sta. Barbara RIS

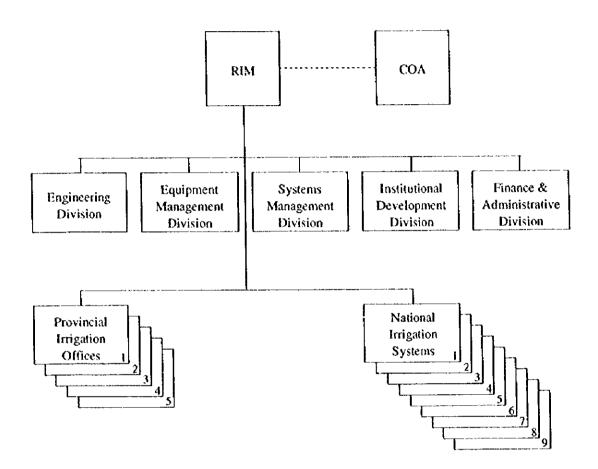


Cropping Calender Preparedby NIA

Fig. A.3. 27 Present Cropping Pattern (3/3)



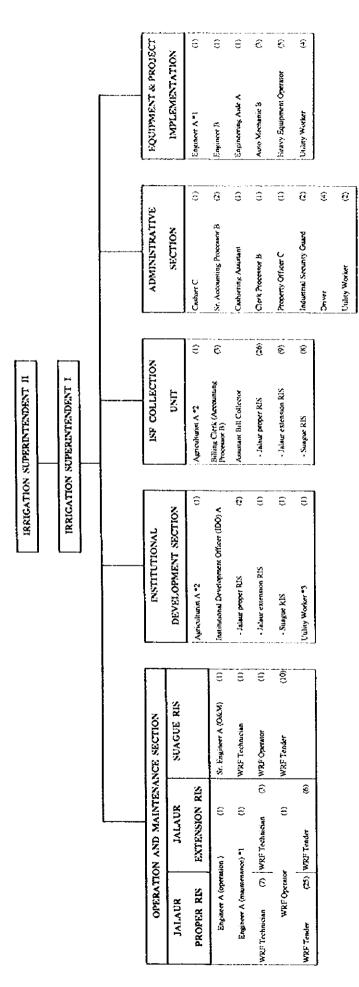




Notes : RIM : Regional Irrigation Manager COA : Commission on Audit

Source : NIA Region VI Office

Fig. A.3. 30 Organizational Chart of NIA Region VI Office

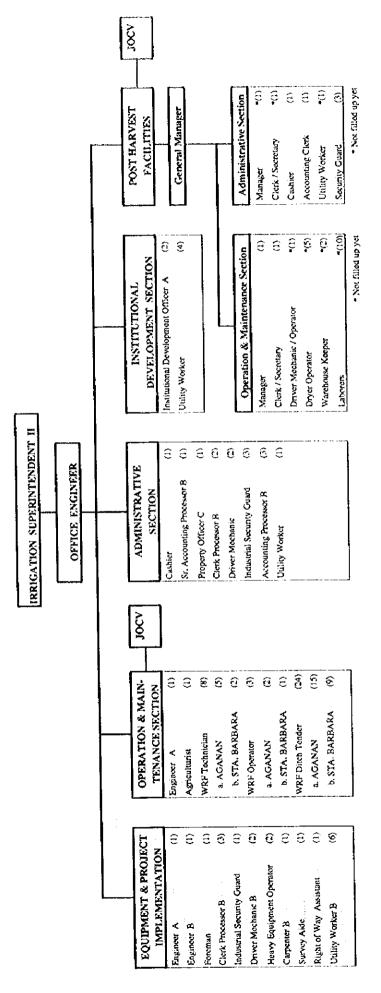


Notes : WRF : Water Resources Facilities

- I. Practice A (Maniensary) for Jalaur proper & extension RIS is holding the same position in Equipment & Project Implementation Section.
  - Acriculturist A in the Institutional Development Section is holding the same position in ISF Collection Section.
- The Utility Worker in the Iautitutional Development Section is designated as IDO to augment the two IDOs in Jalaur proper RIS.

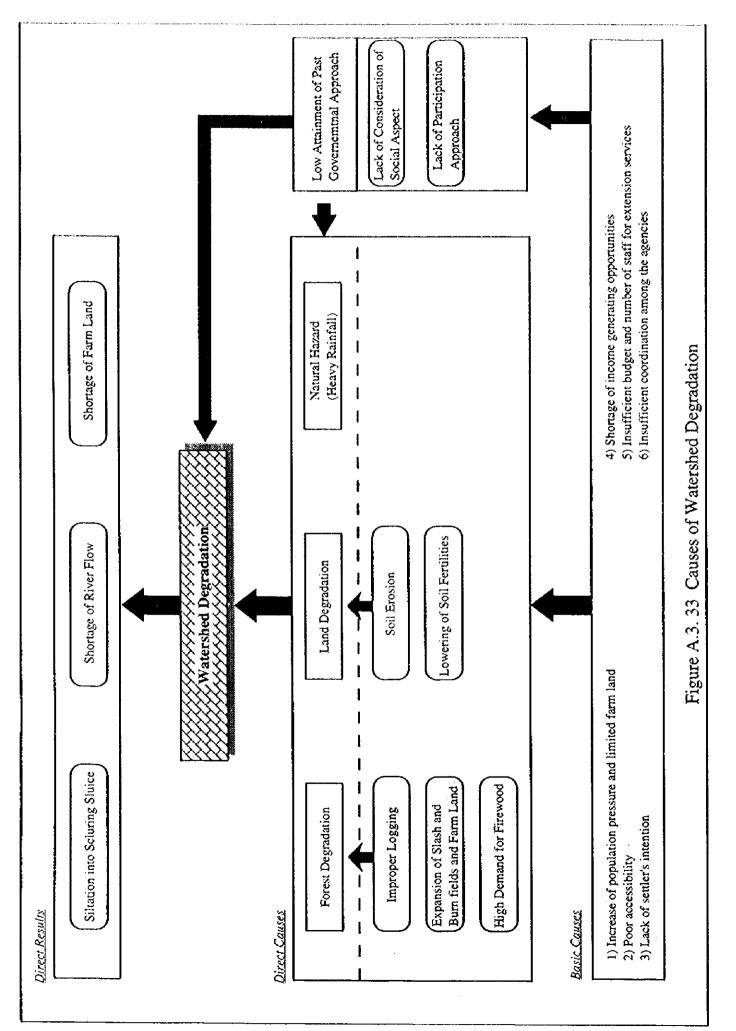
Source : NIA JSRIS Office

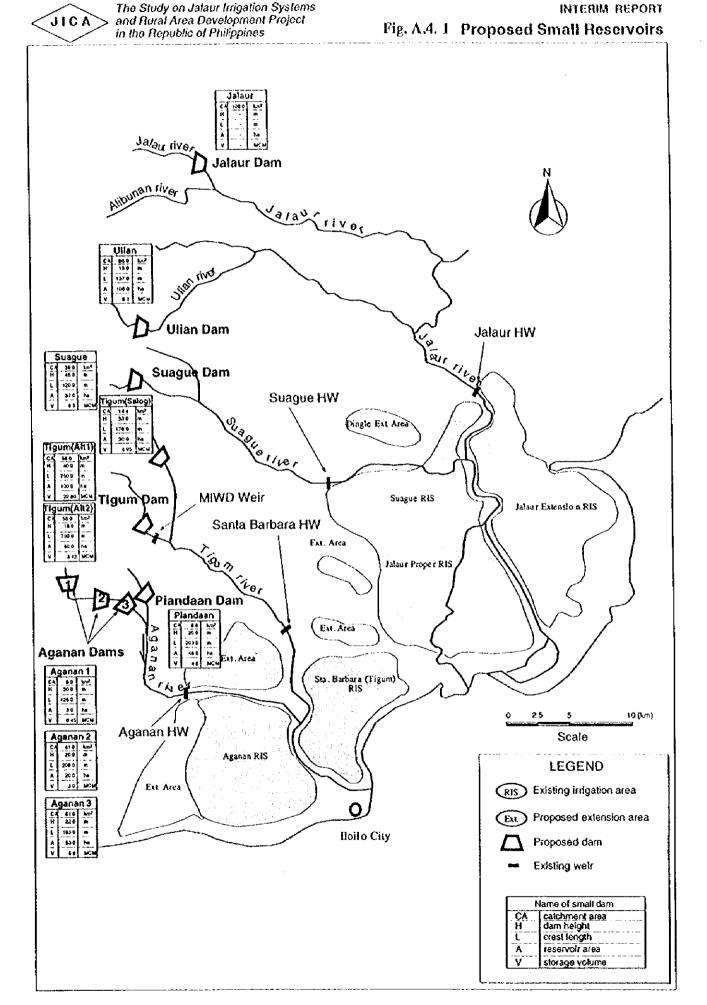
Figure A.3.31 Present Organizational Chart of Jalaur - Suague River Irrigation System Office



Now : WRF: Water Resources Pacilities

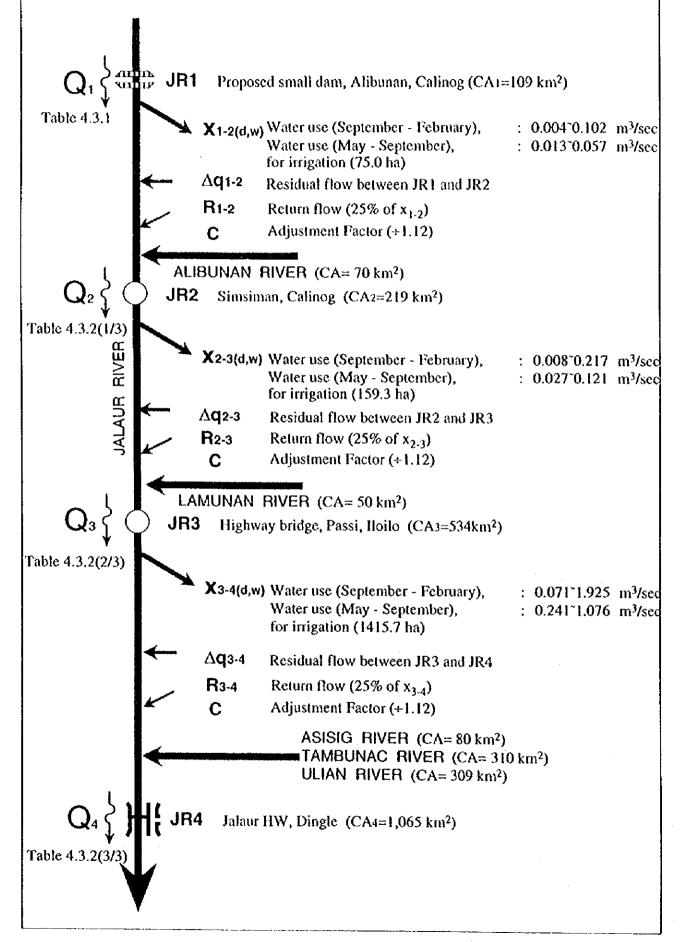
Figure A.3.32 Organizational Chart of Aganan - Sta. Barbara River Irrigation System Office





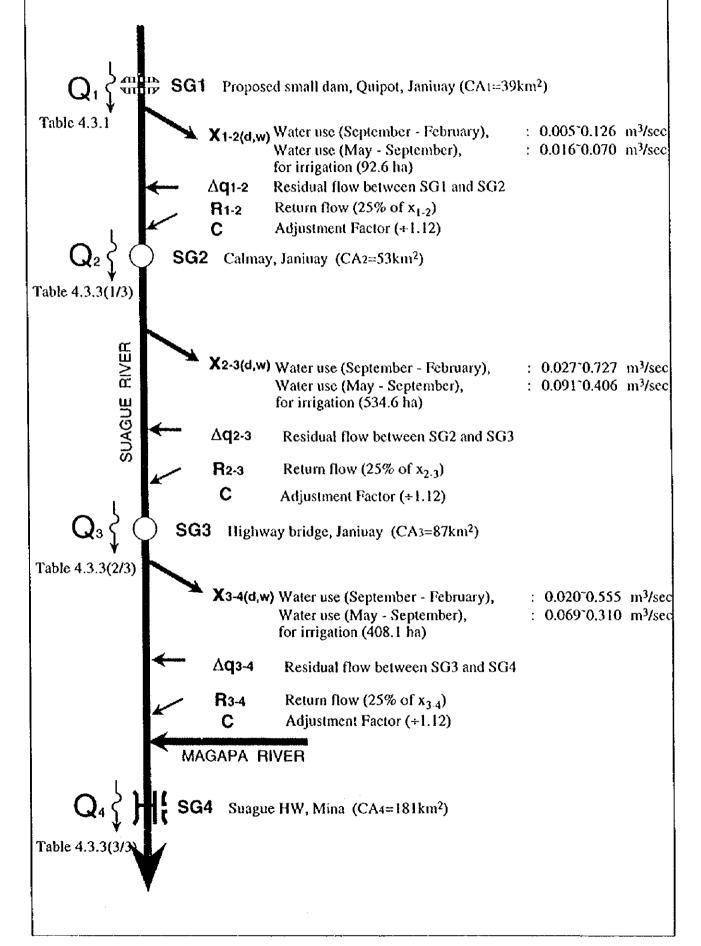
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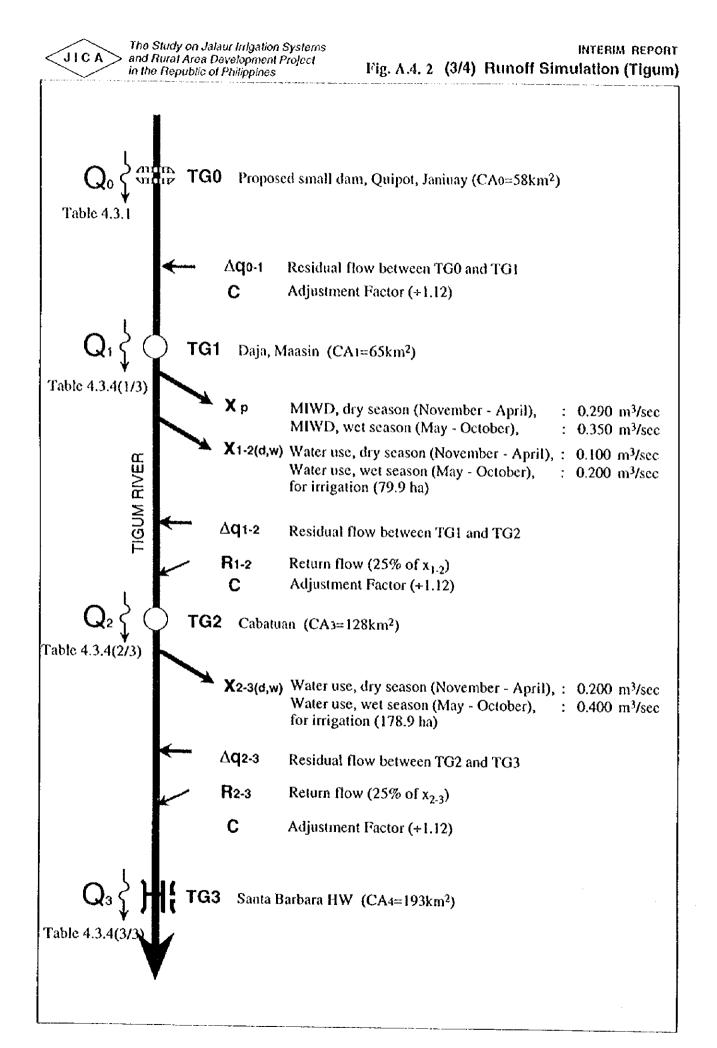
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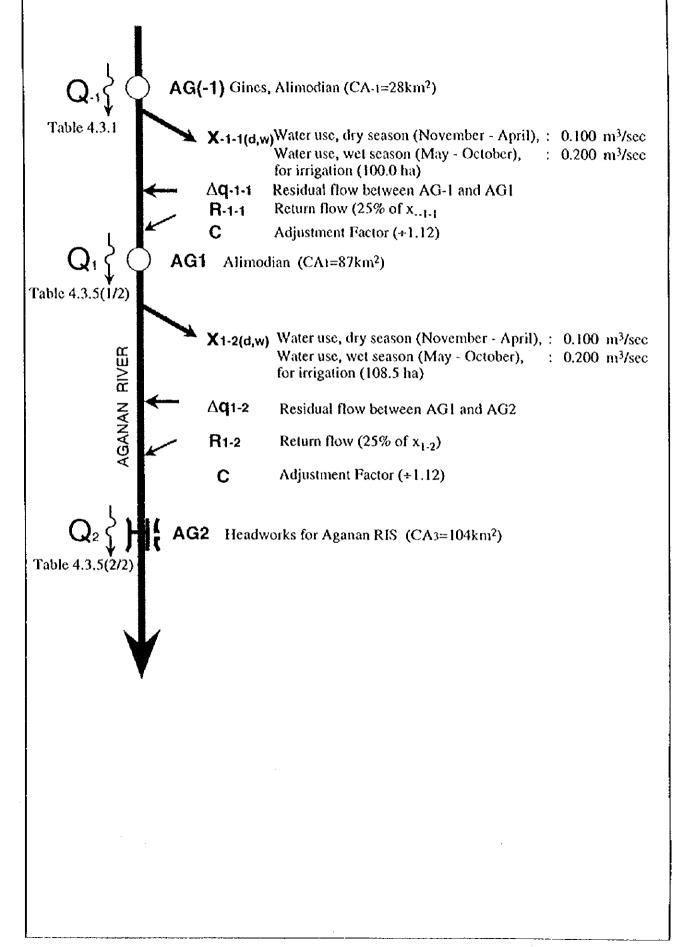
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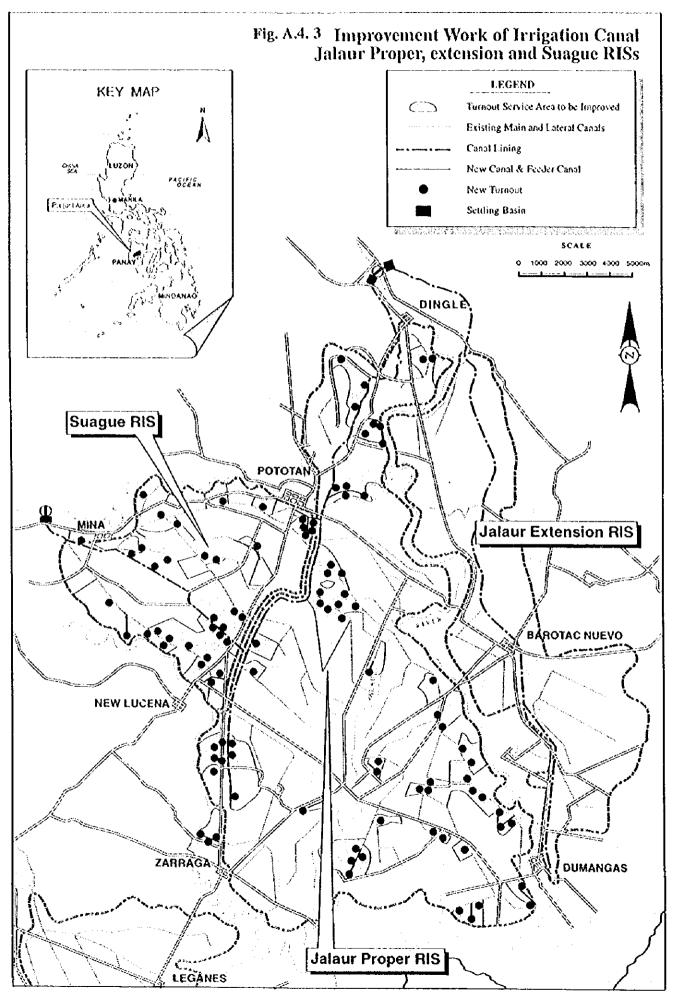




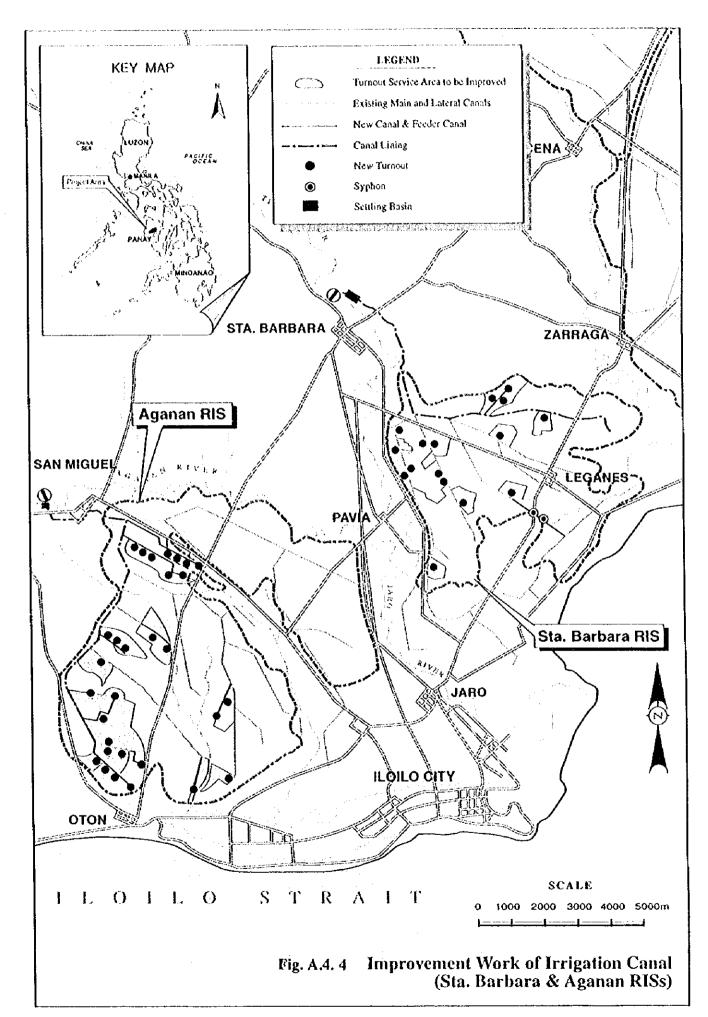
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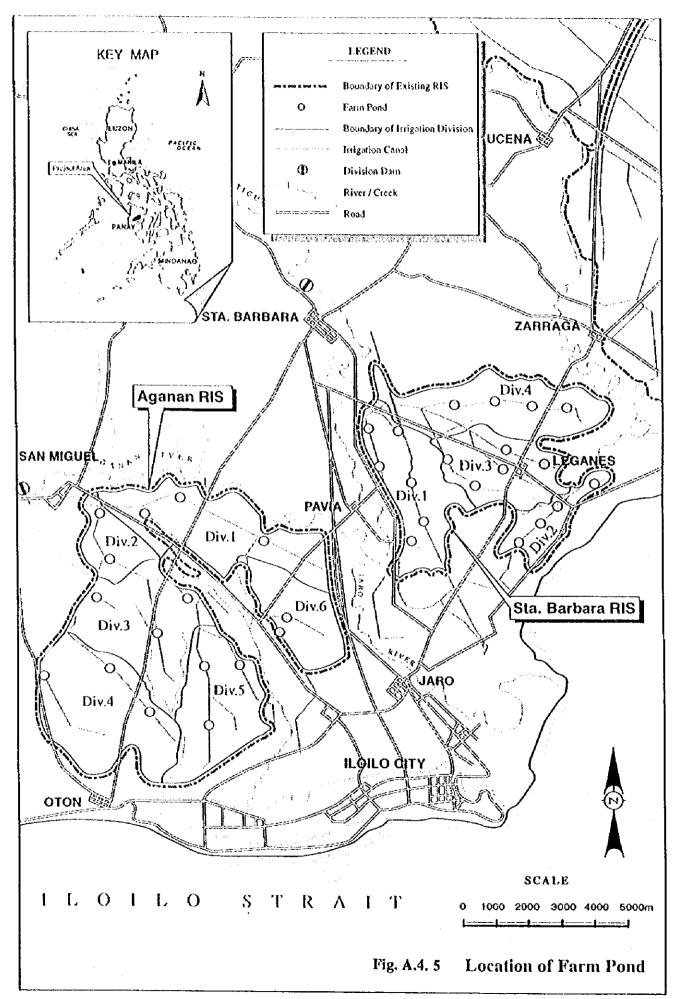
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AF - 48





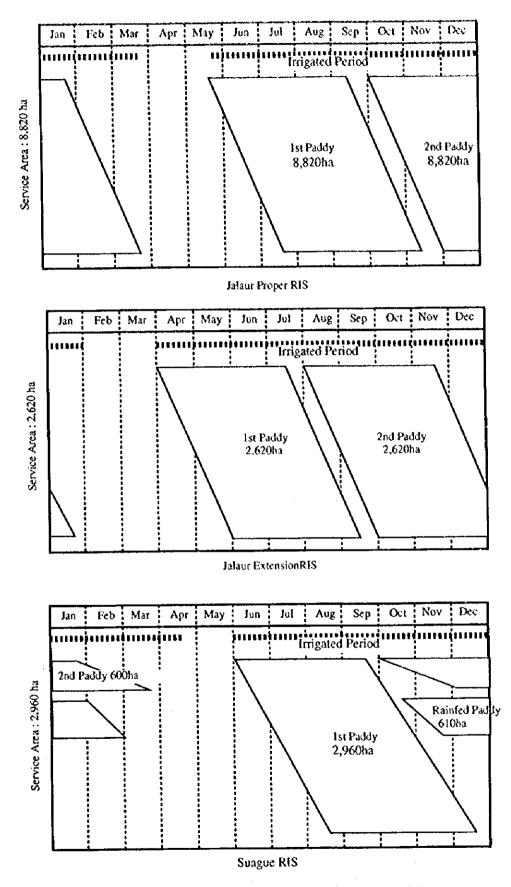


Figure A.4.6 Proposed Cropping Pattern (1/2)

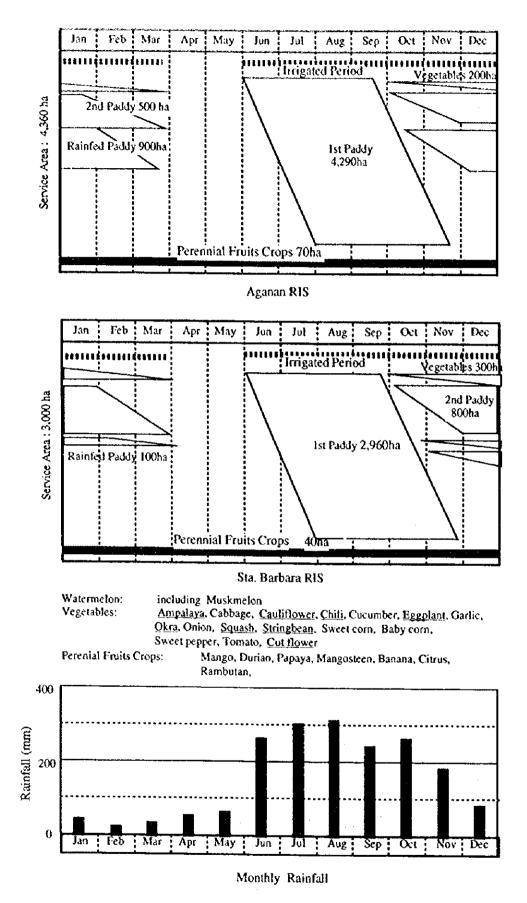
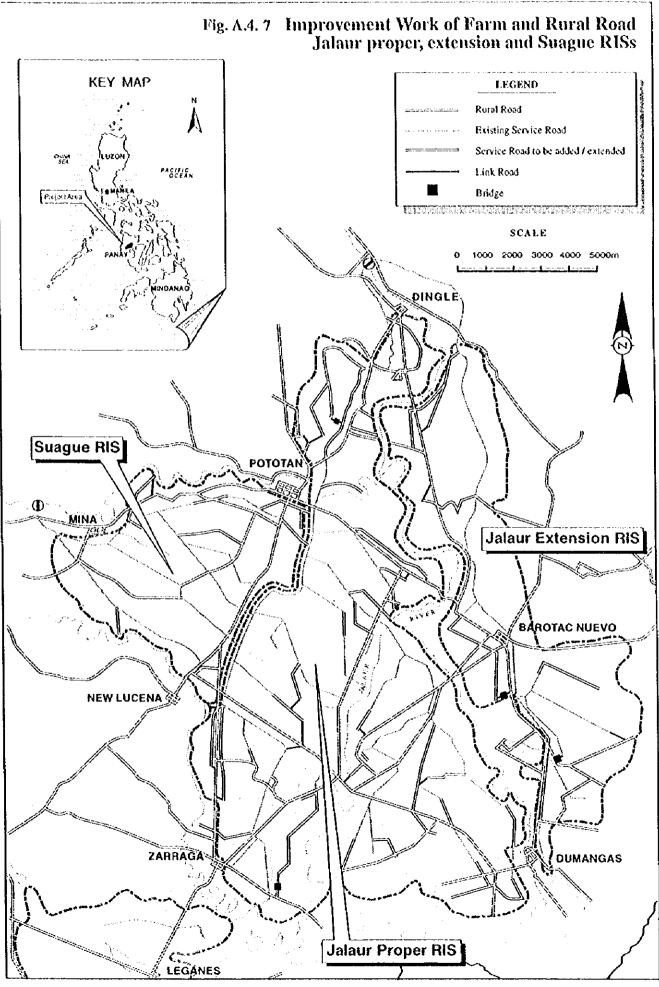
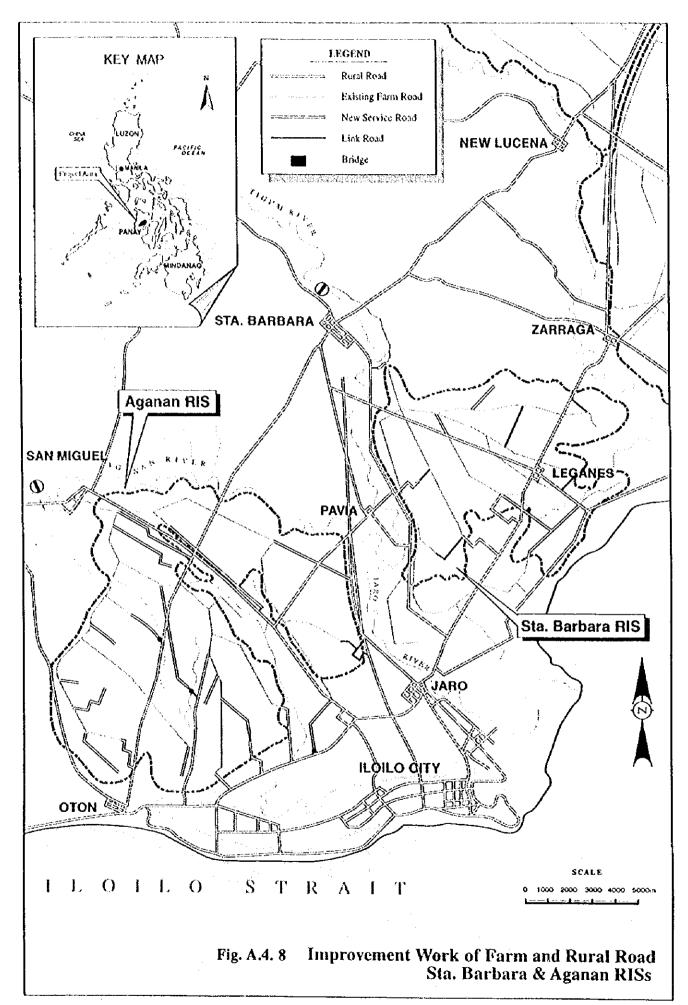
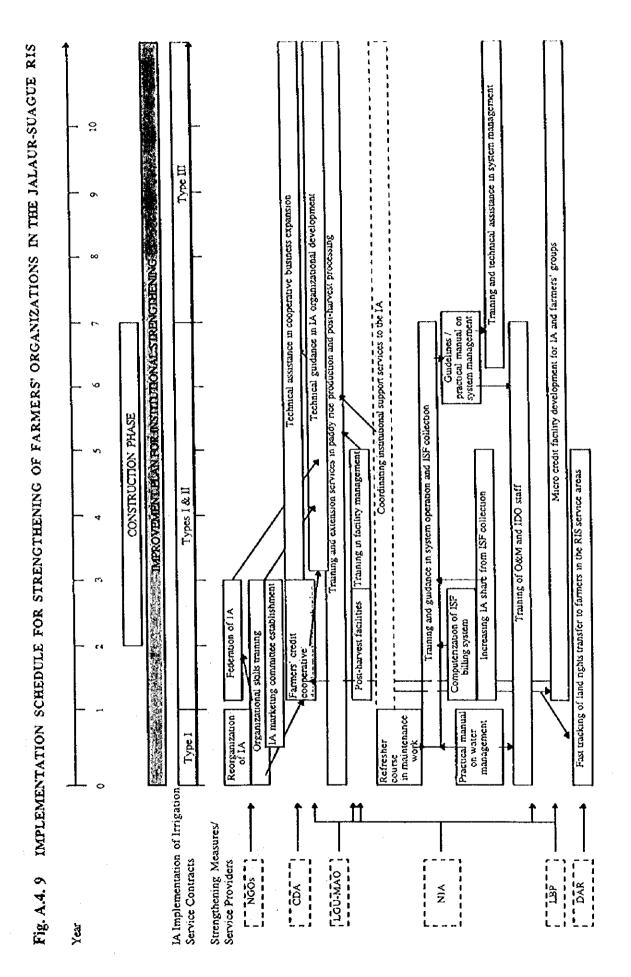


Figure A.4.6 Proposed Cropping Pattern (2/2)

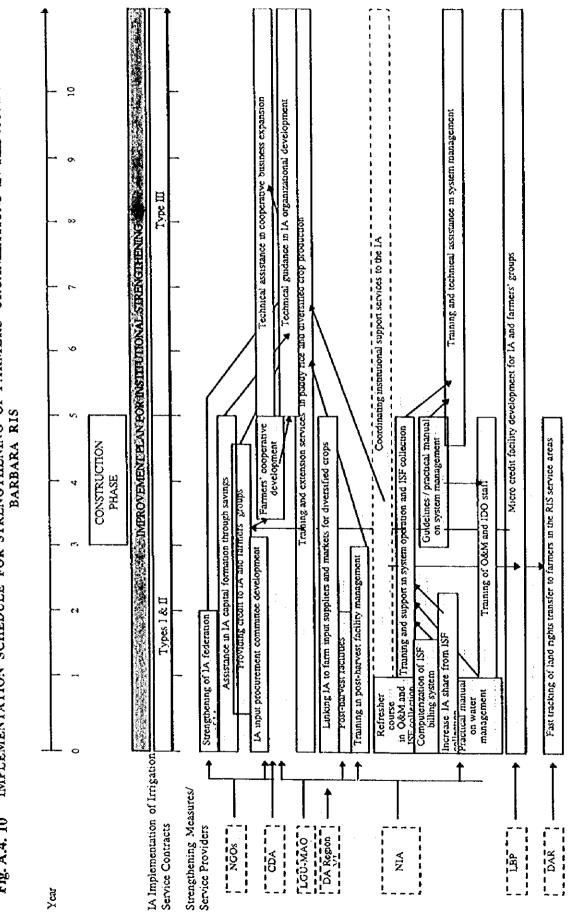


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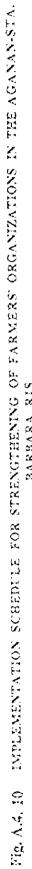


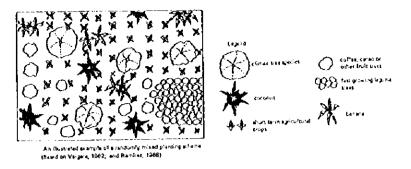
Year     0     7     9     6     7     8     9     9       Kenner Contracts     Screener Contracts     CONSTRUCTORN HARE     CONSTRUCTORN HARE     0     1     8     9     9     9       Kenner Contracts     Screener Contracts     CONSTRUCTORN HARE     CONSTRUCTORN HARE     CONSTRUCTORN HARE     0     1     8     9     10       Screener Contracts     Screener Contracts     CONSTRUCTORN HARE     CONSTRUCTORN HARE     CONSTRUCTORN HARE     8     9     10       Screener Contracts     Screener Contracts     CONSTRUCTORN HARE     CONSTRUCTORN HARE     CONSTRUCTORN HARE     10     10     10     10     10       Screener Contracts     Screener Contracts     Constructor     Total I     10 <th>Year</th> <th></th>	Year												
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CONSTRUCTION PHASE     CONSTRUCTION PHASE       Type I     Type I       Constraints     Type I       Constraints     Type I       Top I     Type I       Type I     Type I       Constraints     Type I       Constraints     Technical sustainer in cooperative humos controls       Constraints     Technical sustainer in the production of the Control o		0		¢1	٢,	•1	¥.	Ŷ	r~	×	<b>J</b> .	2	
CONSTRUCTION PHASE       Type I     Type I       Type I     Type II       Type II     Type III       Type III     Type III       Type III     Type III       Type III     Technical guidance in the coperative business expansion       Type III     Technical guidance in A organizational divertificania       Type III     Technical guidance in Tapacity in the conduction and provide in Type III       Type III     Technical guidance in Tapacity in the conduction and provide in the coperative in the													
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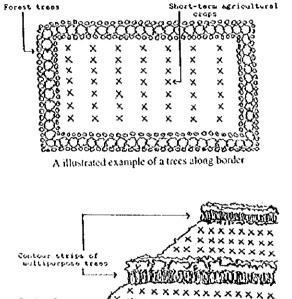


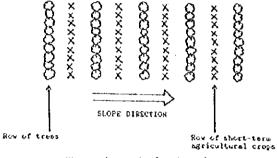
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Randomized Mixed Planting



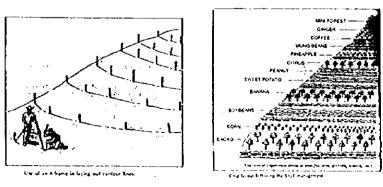


A illustrated example of an alternative row



A illustrated example of an alternate strips

Row-inter crop agro forestry



SALT (Sloping Agricultural Land Technology)

Figure A.4.11 Recommended Agro-Forestry System

Fig. A.5. 1 Temtative Implementation Schedule

Description	Irrigation Area (ha)		сı 			4	<b>.</b> .	S	و		7
Pre-construction Stage		. * ** ••									
Detailed Design											
Tender and Evaluation				·    ····							
Construction Stage											
- Phase I								• ·			
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Suague RIS	2,960				l					·	
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- Phase II					<b></b>						
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Sta. Barbara RIS	3,000										
Aganan RIS	4,360					·					
- Phase III				··•			•			• • • • • • • • • • • • • • • • • • • •	
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Jalaur extension RIS	2,620	, , , , , , , , , , , , , , , ,								-	
Total	21.760										