



Fig 3.4.1 Existing Putna Irrigation System

27 15

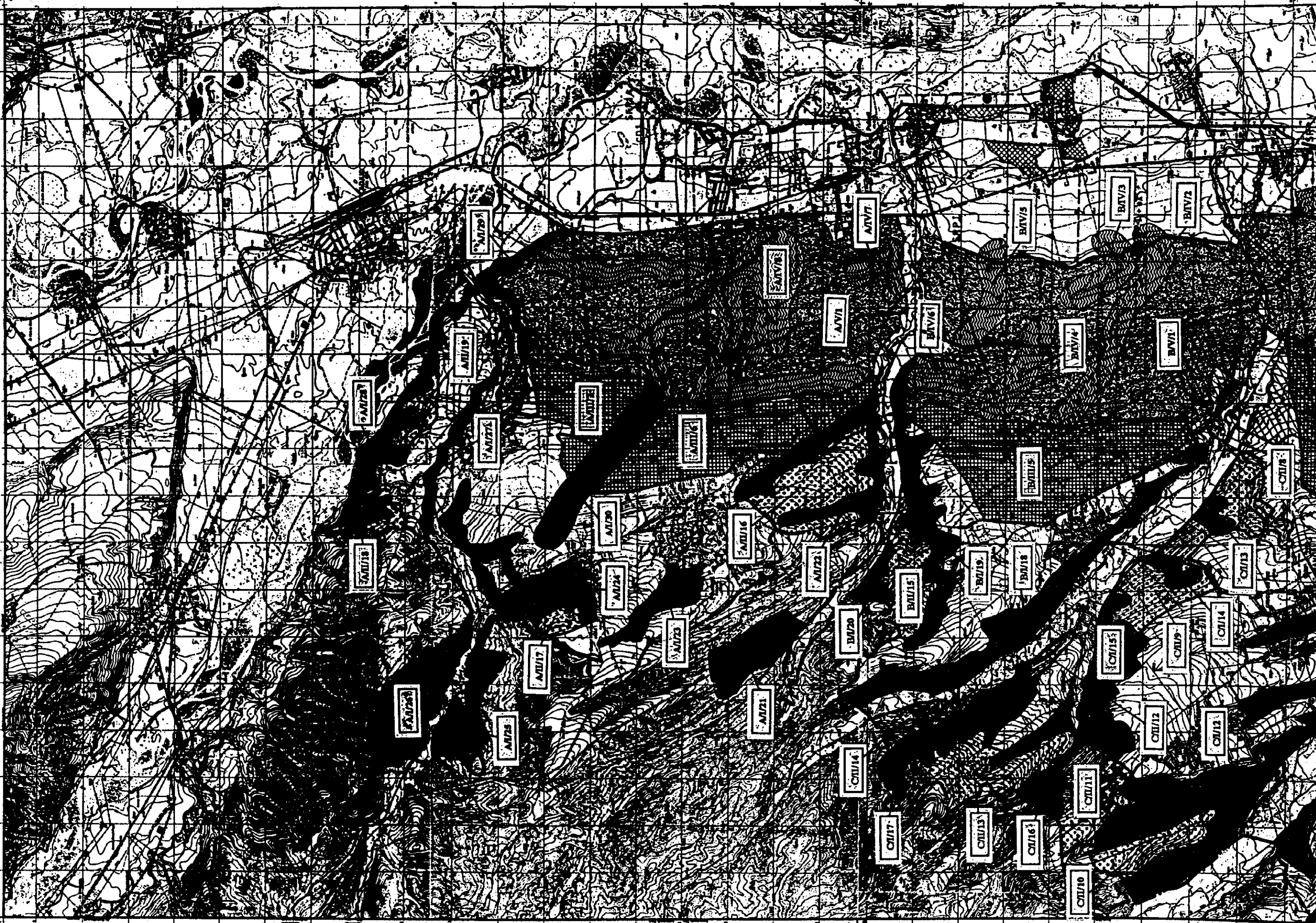
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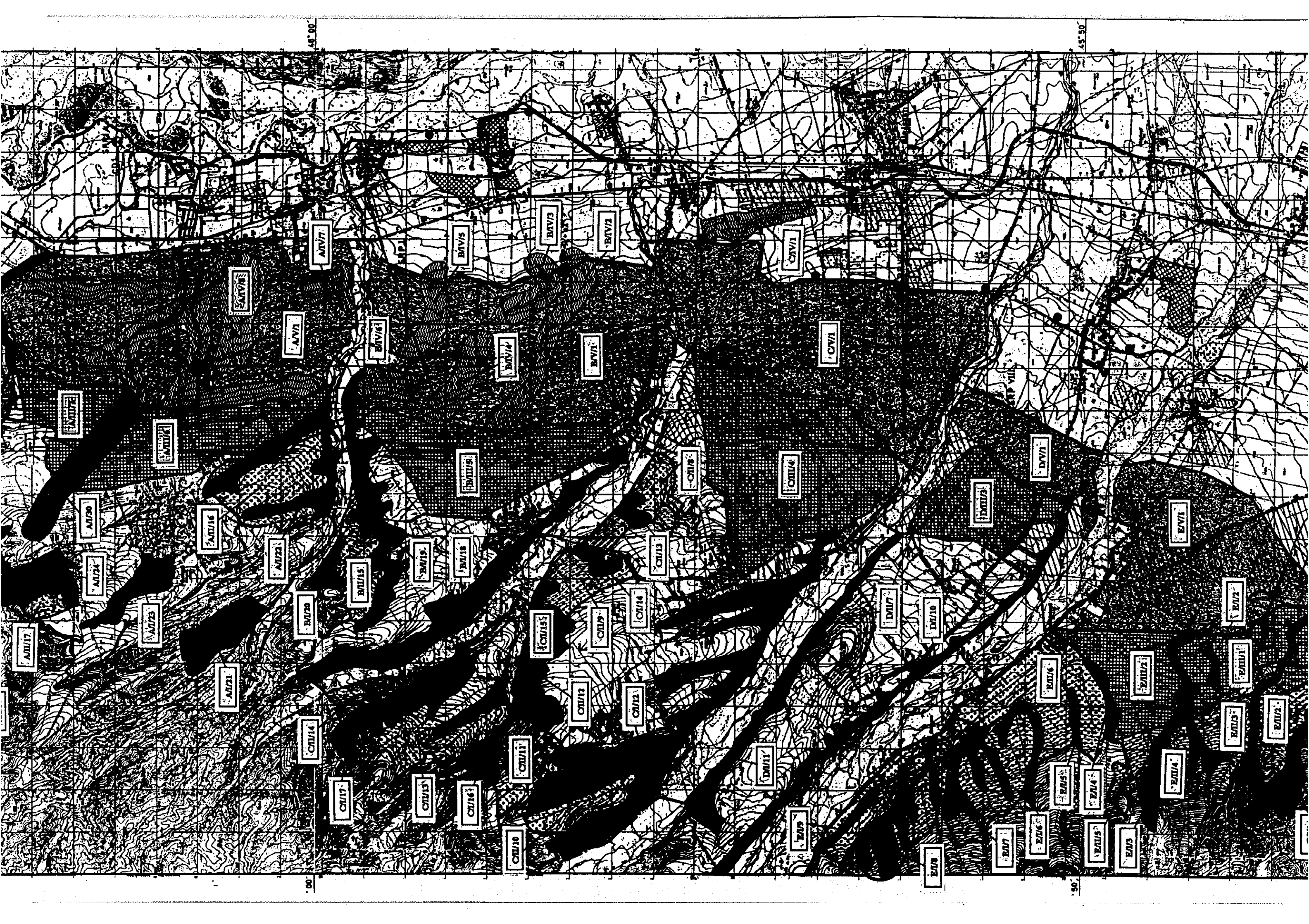
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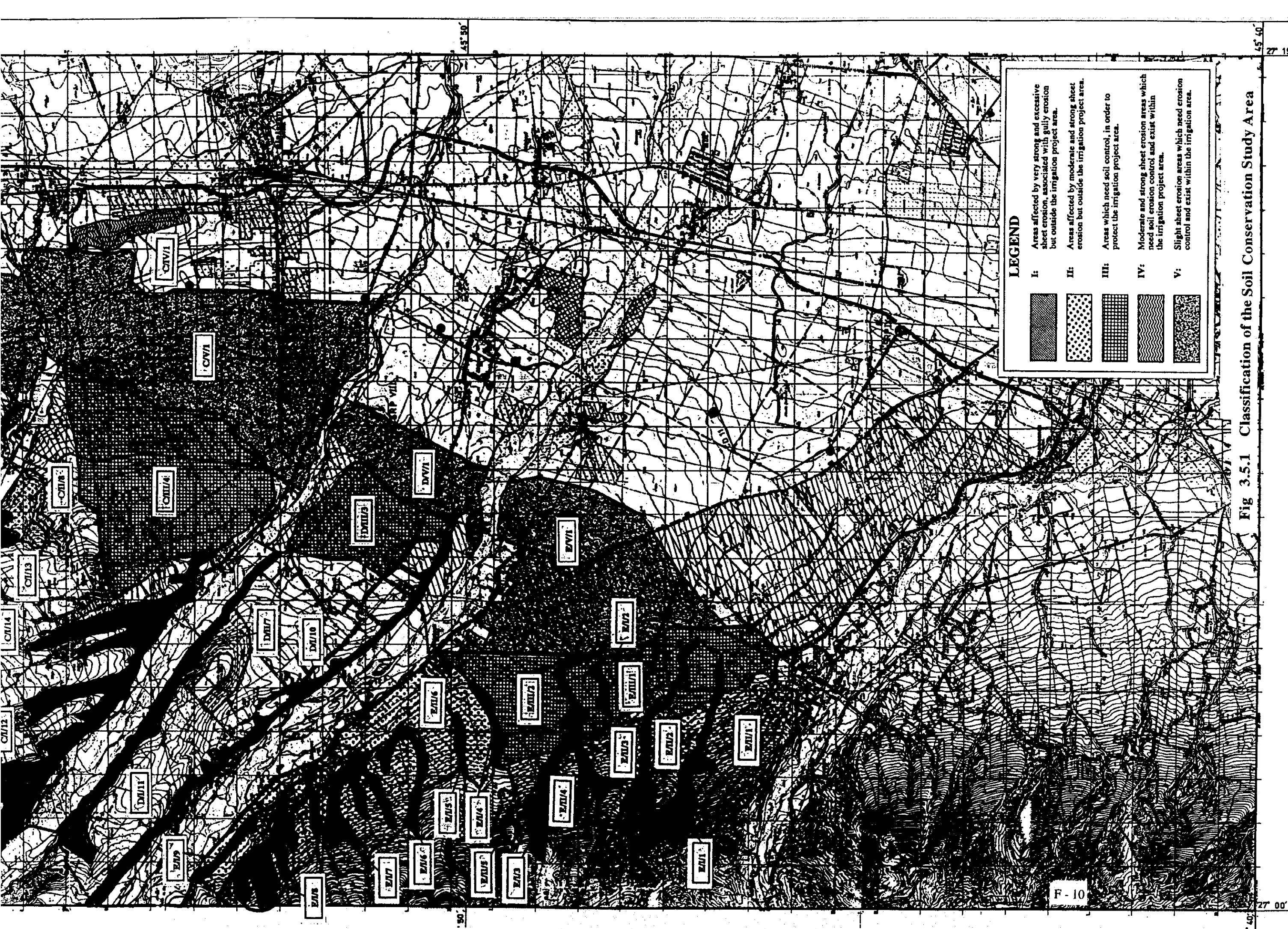
00 22

10'

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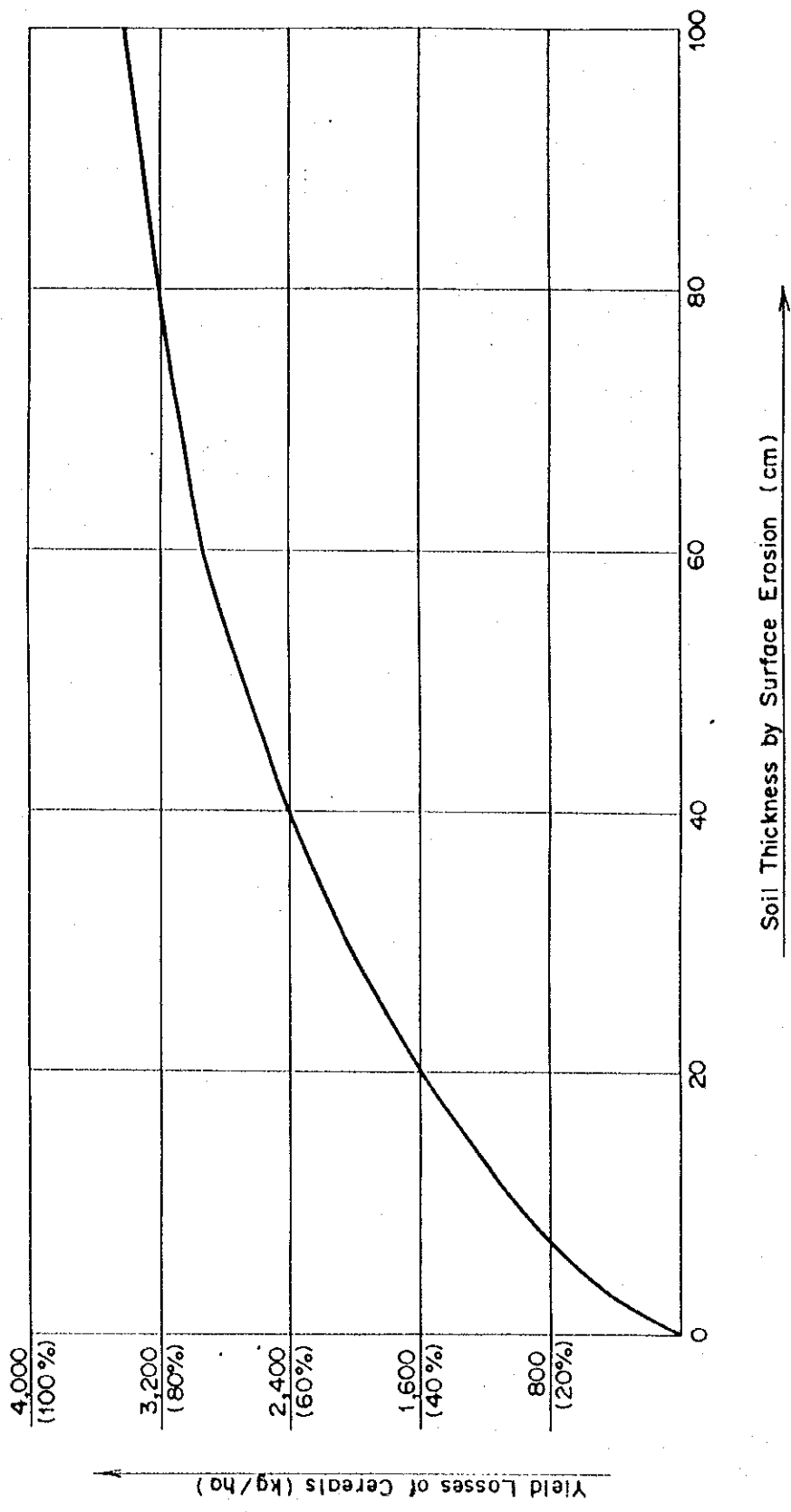




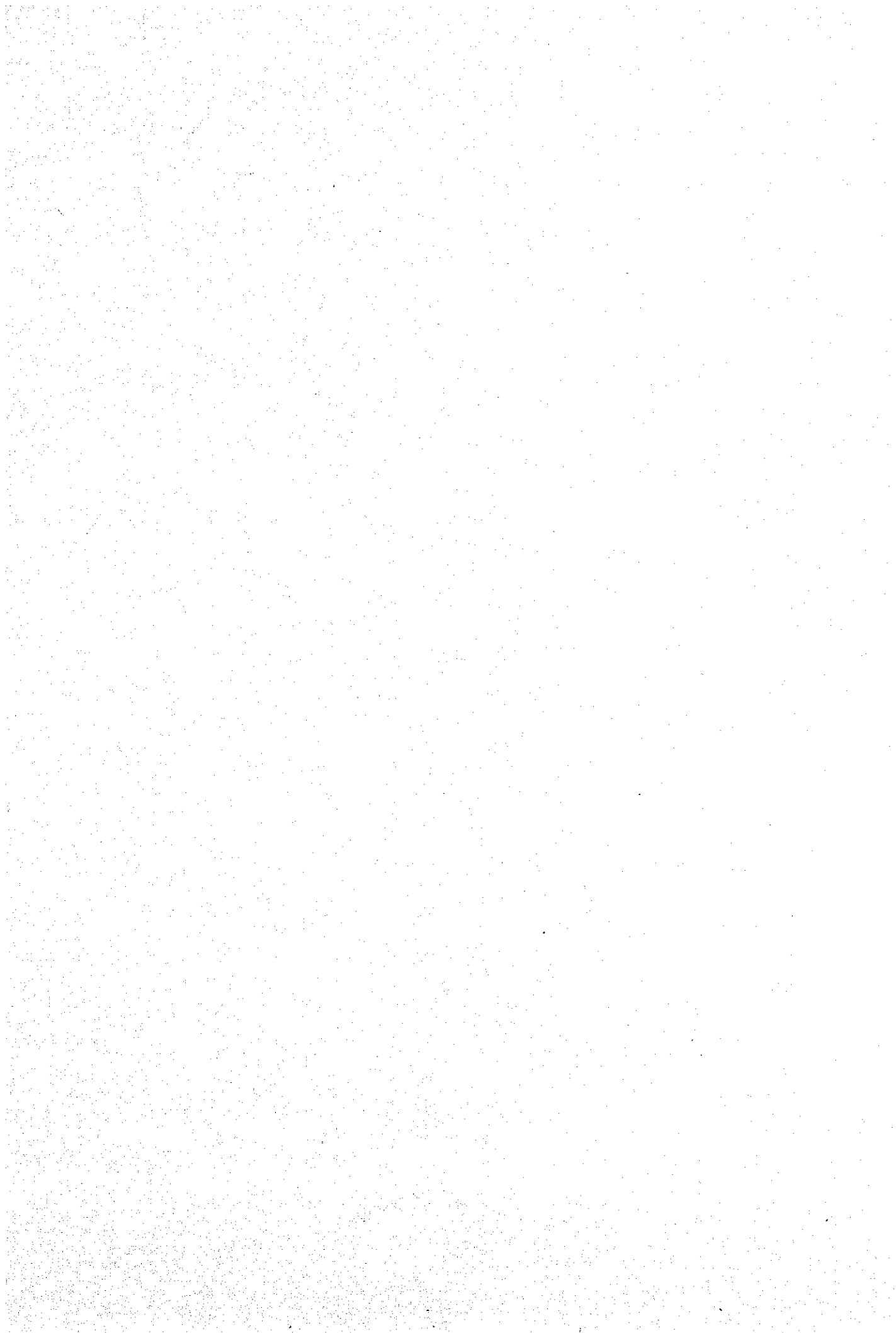
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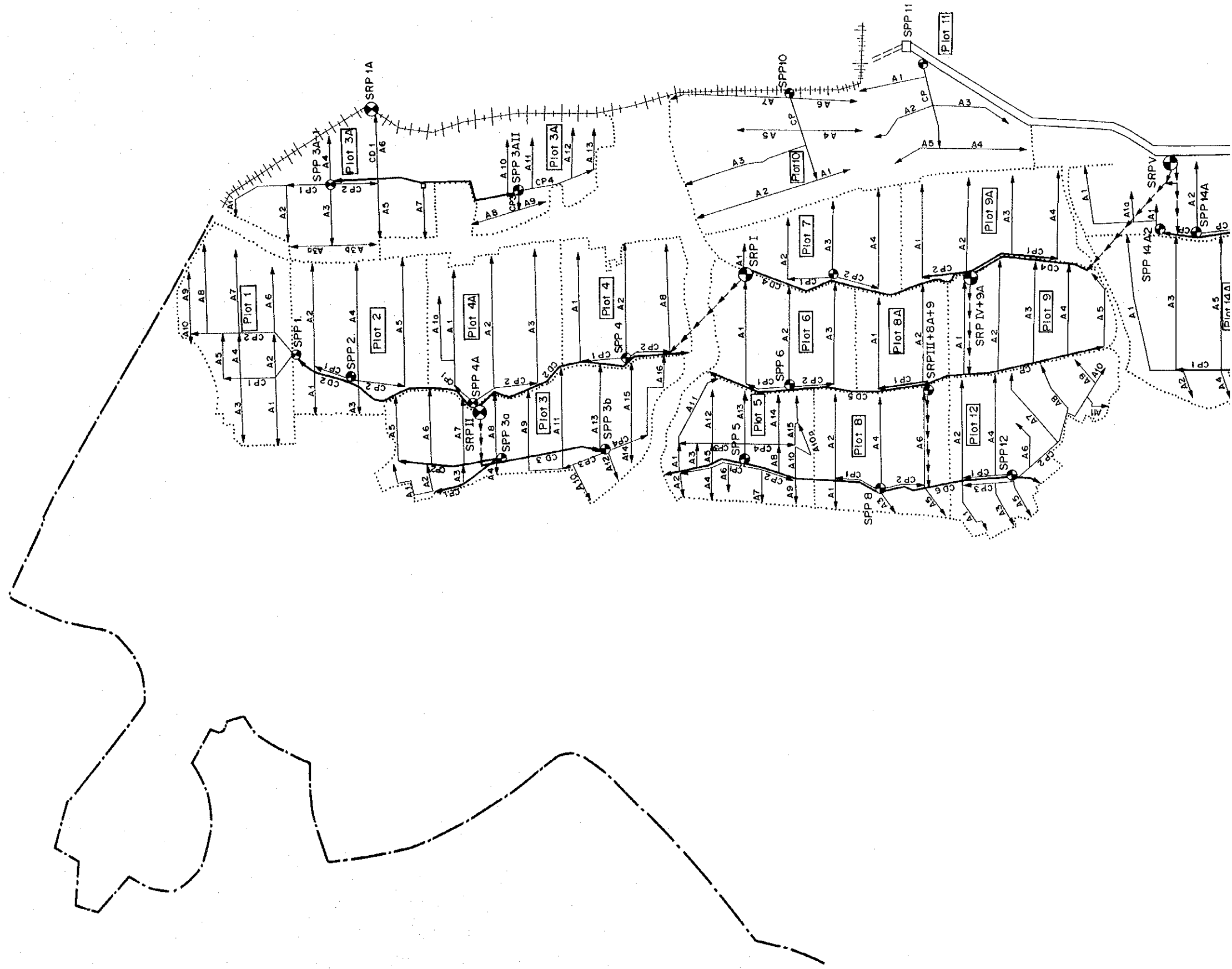
I:	Areas affected by very strong and excessive sheet erosion, associated with gully erosion but outside the irrigation project area.
II:	Areas affected by moderate and strong sheet erosion but outside the irrigation project area.
III:	Areas which need soil control, in order to protect the irrigation project area.
IV:	Moderate and strong sheet erosion areas which need soil erosion control and exist within the irrigation project area.
V:	Slight sheet erosion areas which need erosion control and exist within the irrigation area.

Fig 3.5.1 Classification of the Soil Conservation Study Area

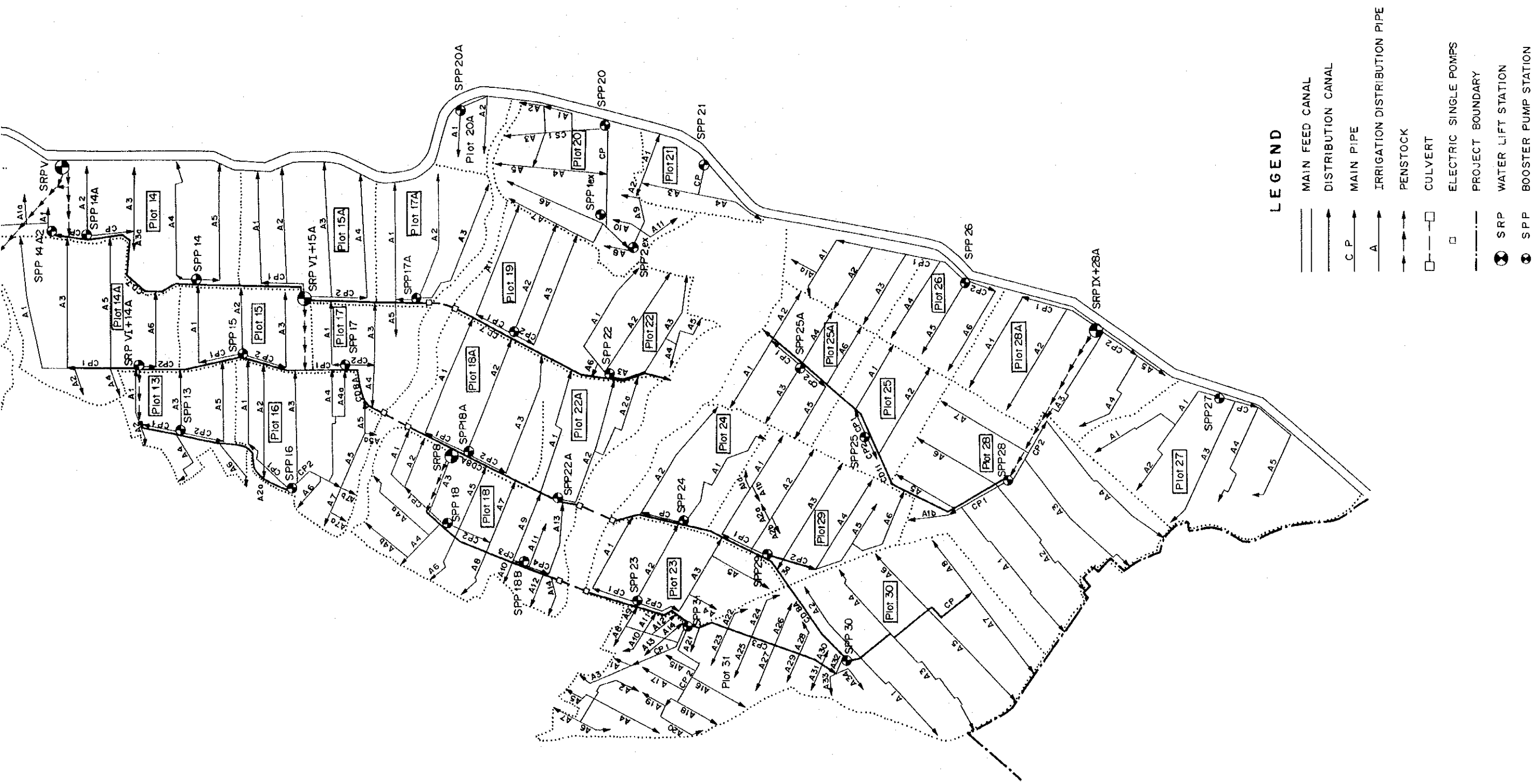


Source : Soil Erosion Prevention and Remediation in Romania by Dr. N . Popescu
Fig 3.5.2 Relationship between Erosion and Yield Reduction







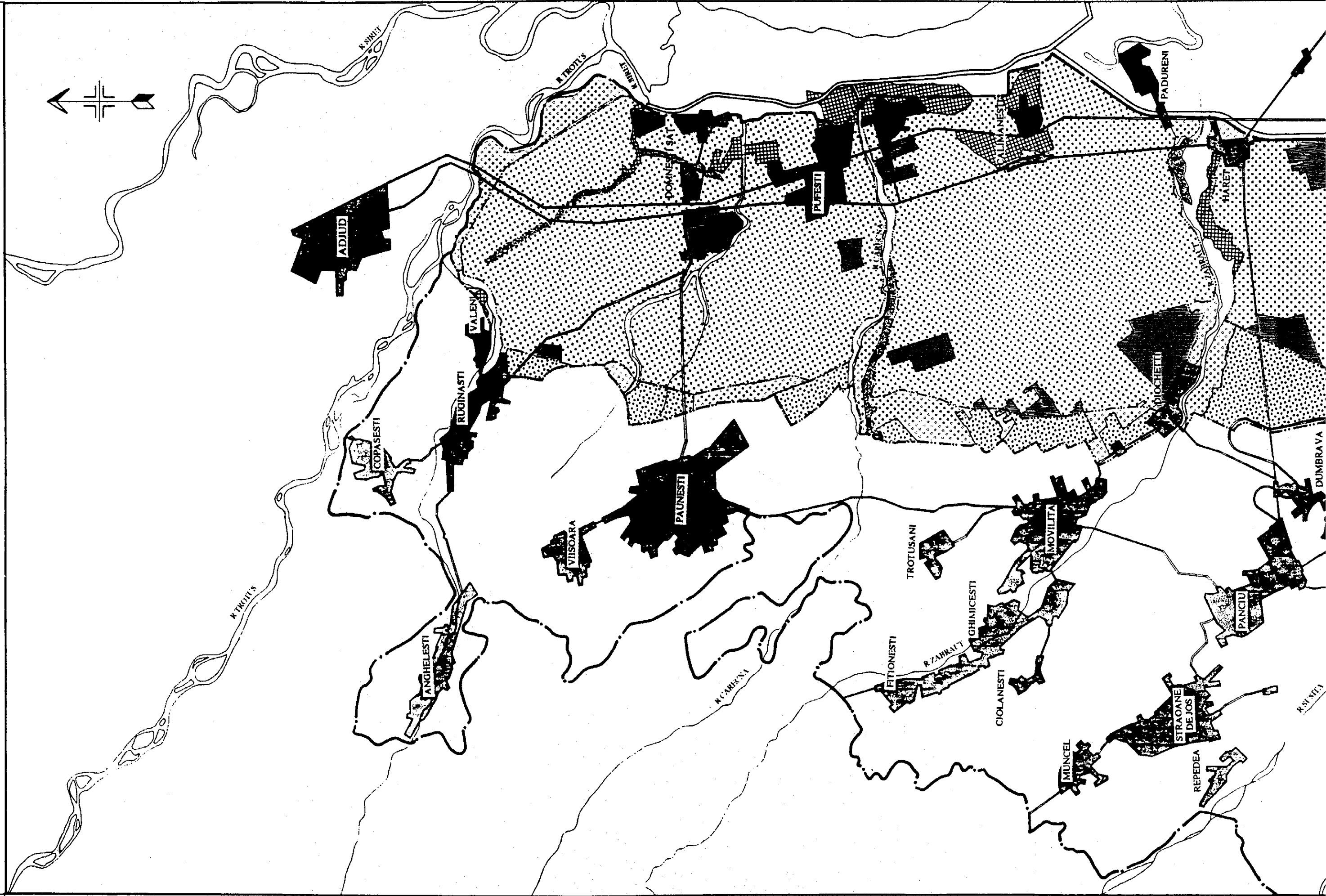
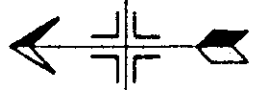


- LEGEND**
- MAIN FEED CANAL
 - DISTRIBUTION CANAL
 - C.P. MAIN PIPE
 - IRRIGATION DISTRIBUTION PIPE
 - PENSTOCK
 - CULVERT
 - ELECTRIC SINGLE PUMPS
 - PROJECT BOUNDARY
 - SRP WATER LIFT STATION
 - SPP BOOSTER PUMP STATION

Fig 4.2.1 General Plan Designed by ISPIF

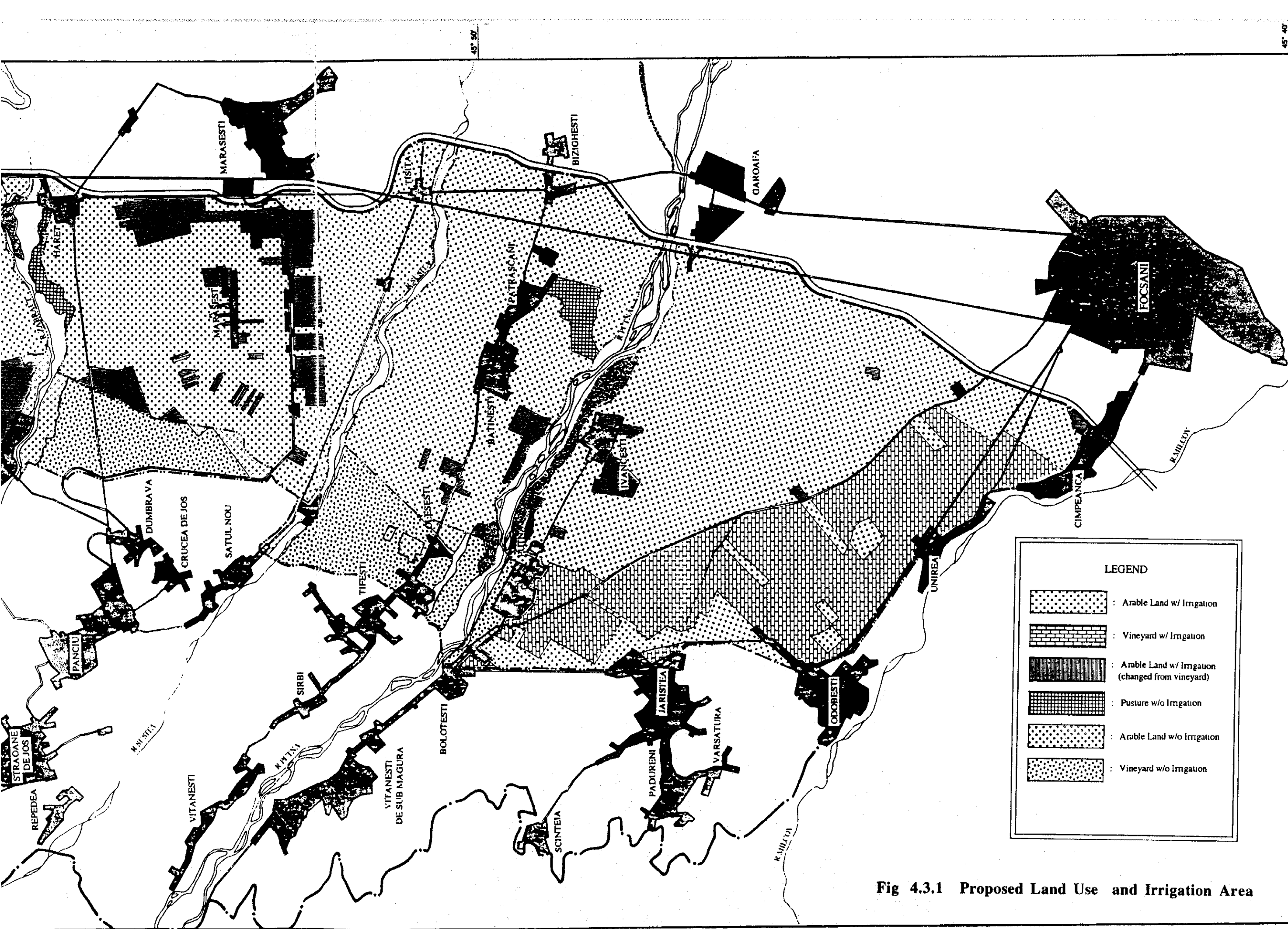
27° 15' 46" 10'

46° 00'



27° 08'

46° 00'



LEGEND

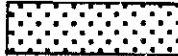





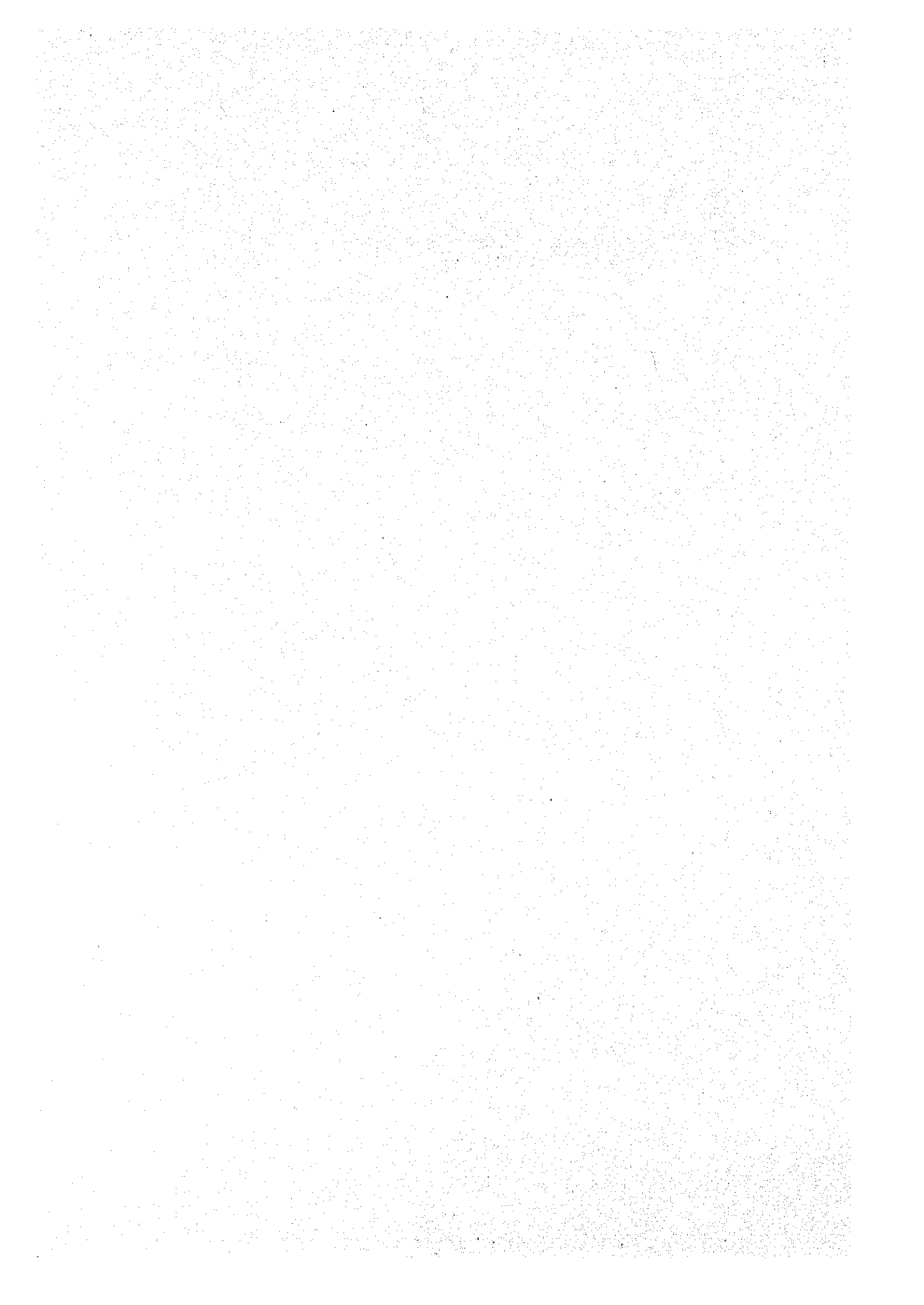
-  : Arable Land w/ Irrigation
-  : Vineyard w/ Irrigation
-  : Arable Land w/ Irrigation (changed from vineyard)
-  : Pasture w/o Irrigation
-  : Arable Land w/o Irrigation
-  : Vineyard w/o Irrigation

Fig 4.3.1 Proposed Land Use and Irrigation Area



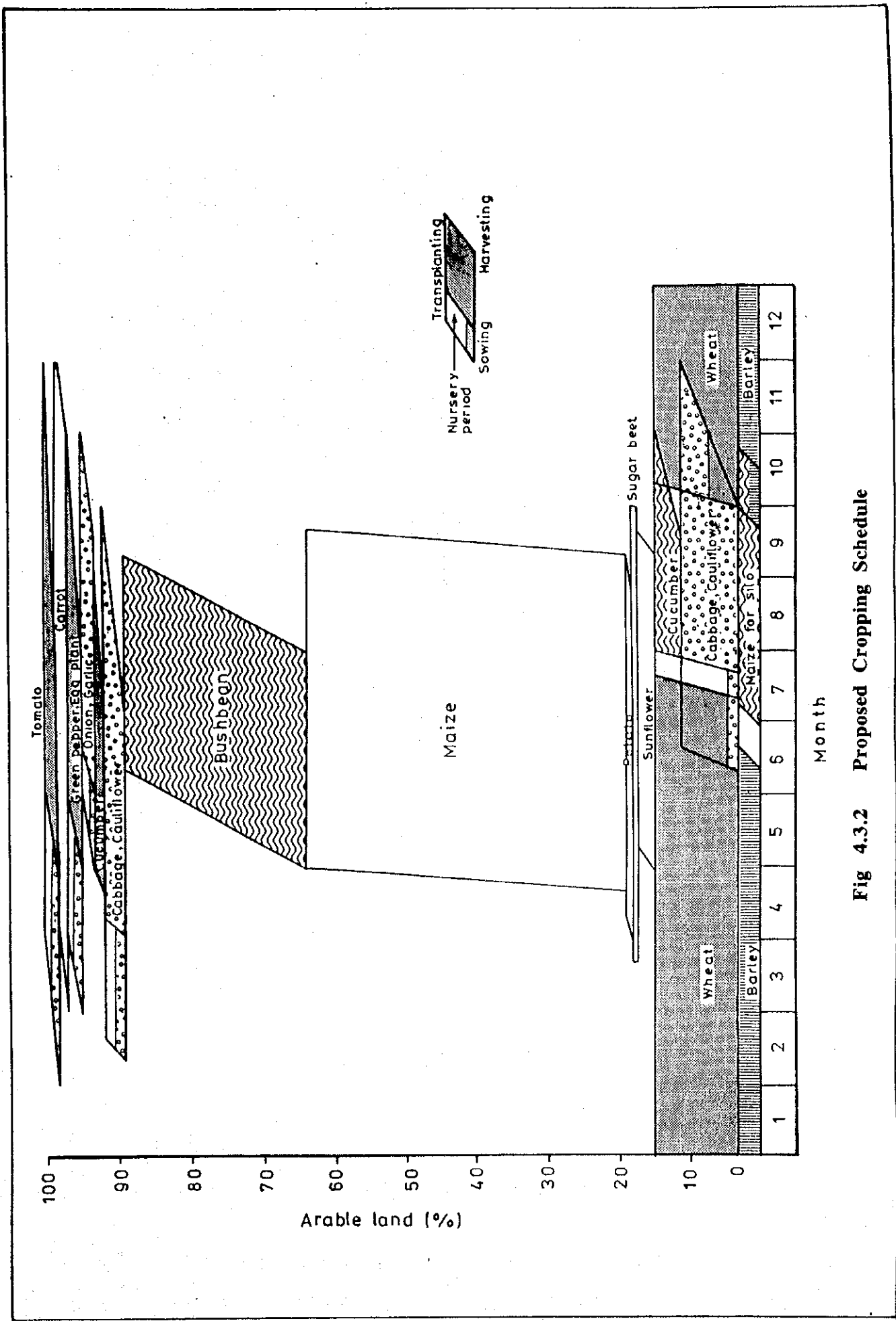
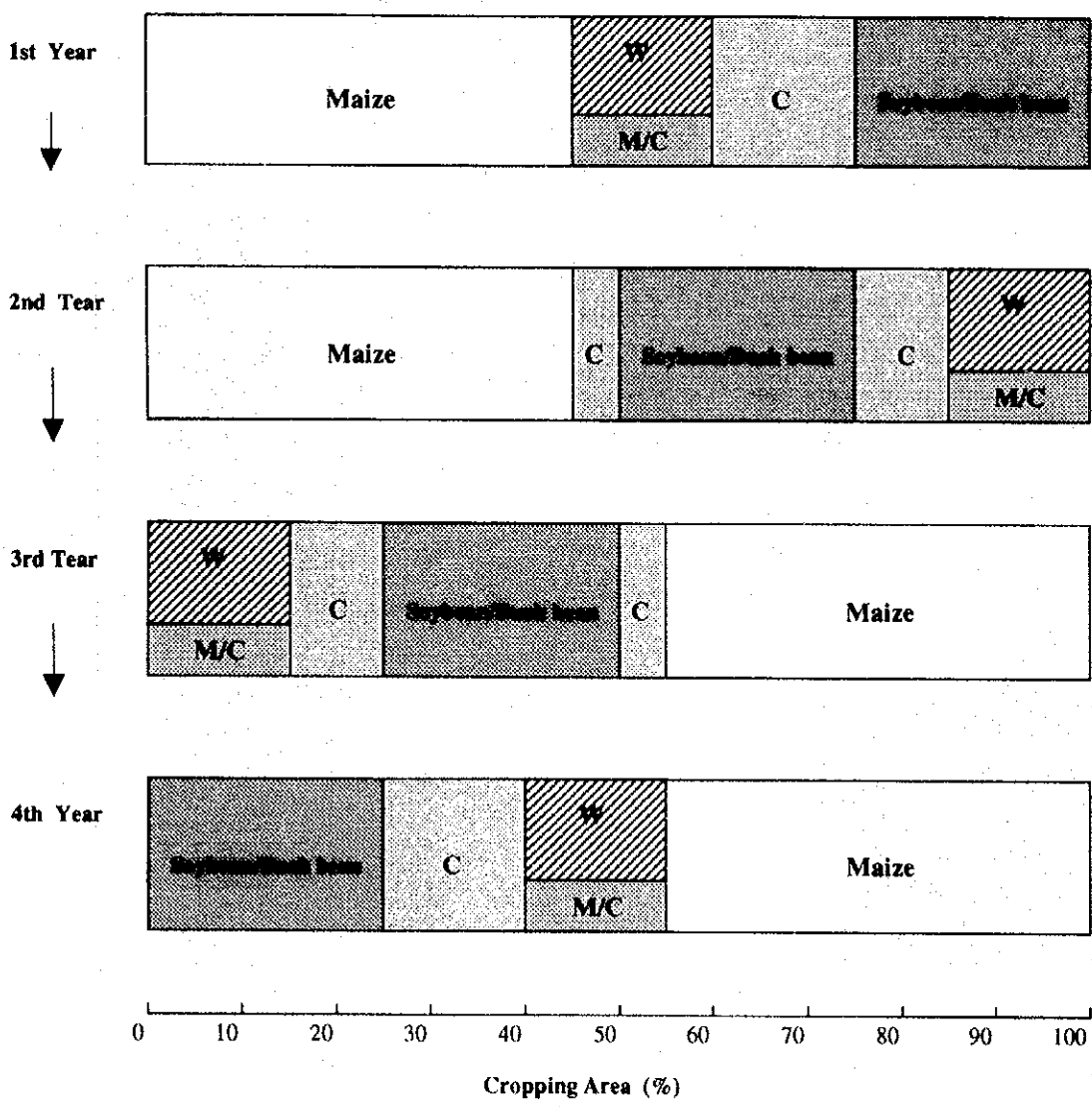


Fig 4.3.2 Proposed Cropping Schedule



W: Wheat and Barley
C: Cash crops (Vegetables, Sunflower, Sugar beet)
M/C: Maize for silo, Cash crops (Succeeding crops of wheat and Barley)

Fig 4.3.3 Proposed Crop Rotation

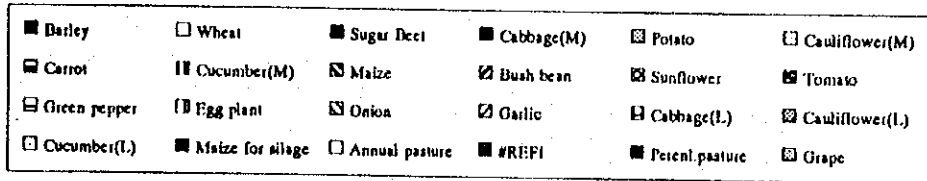
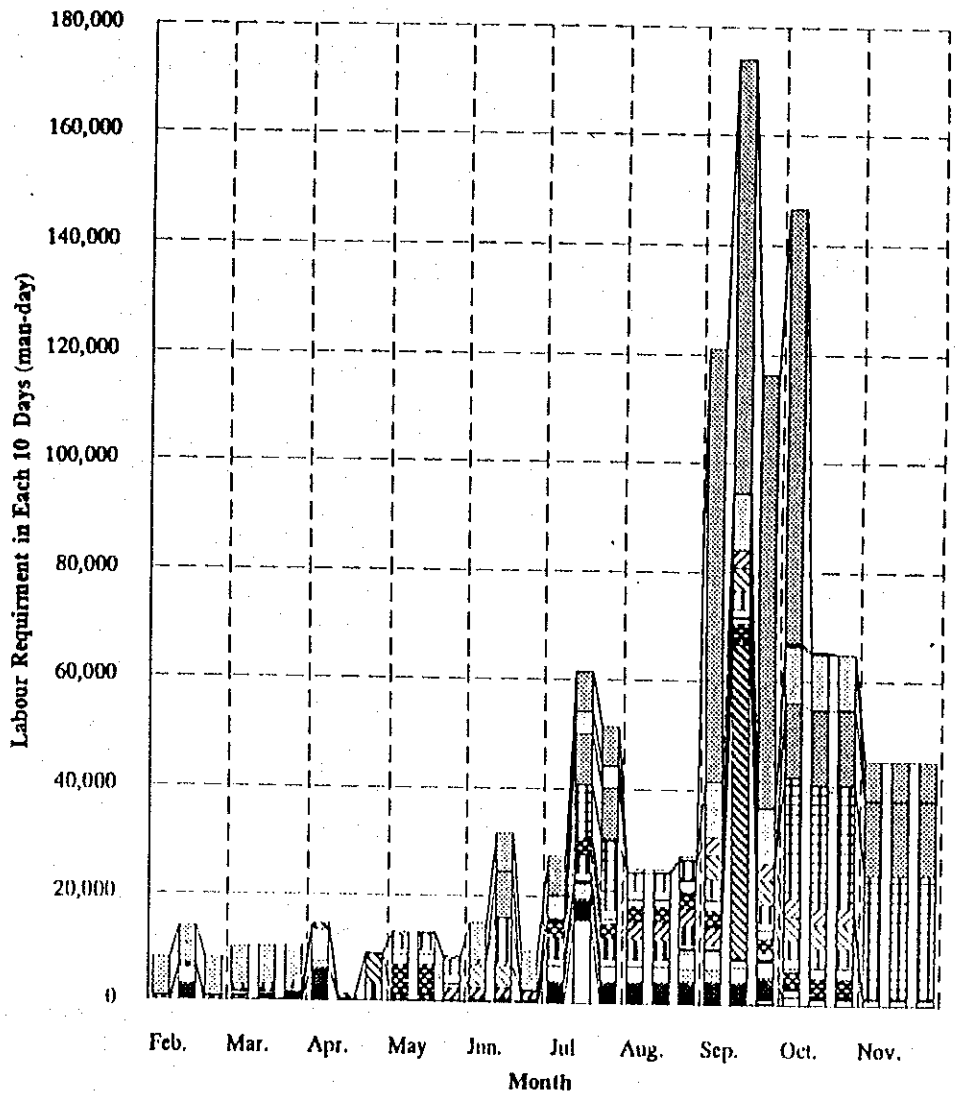


Fig 4.3.4 Labour Requirement for the Agricultural Production in the Project

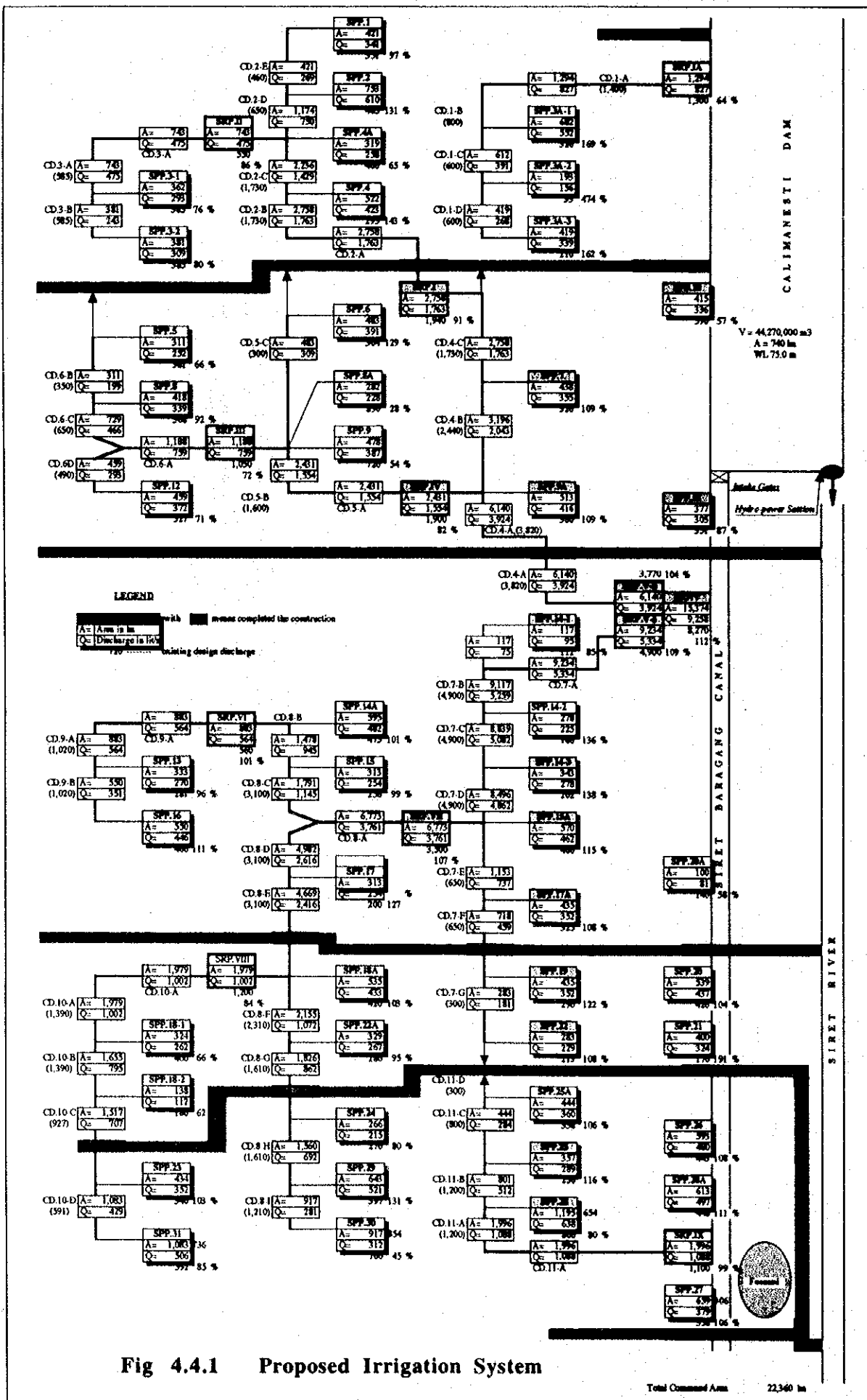
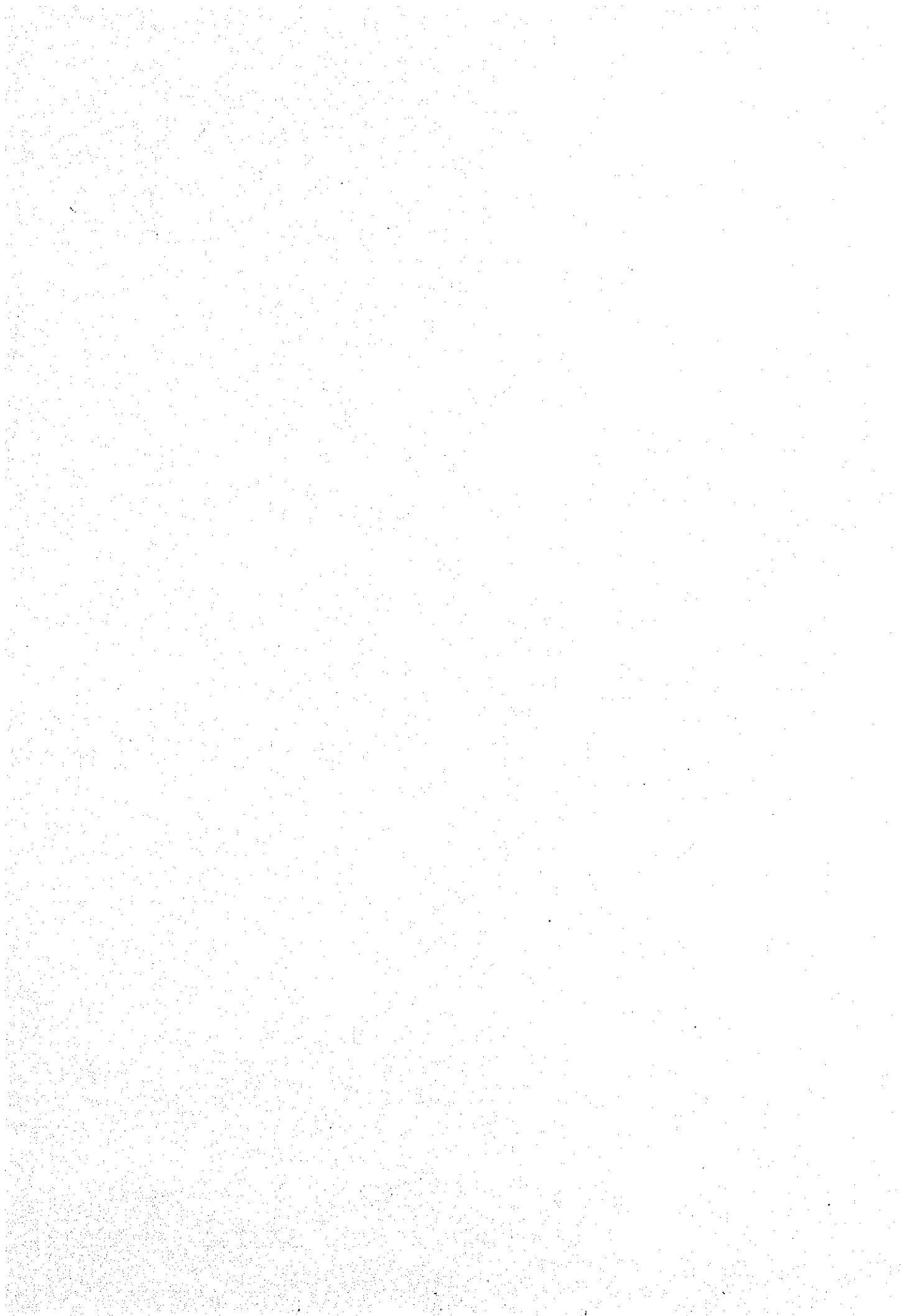
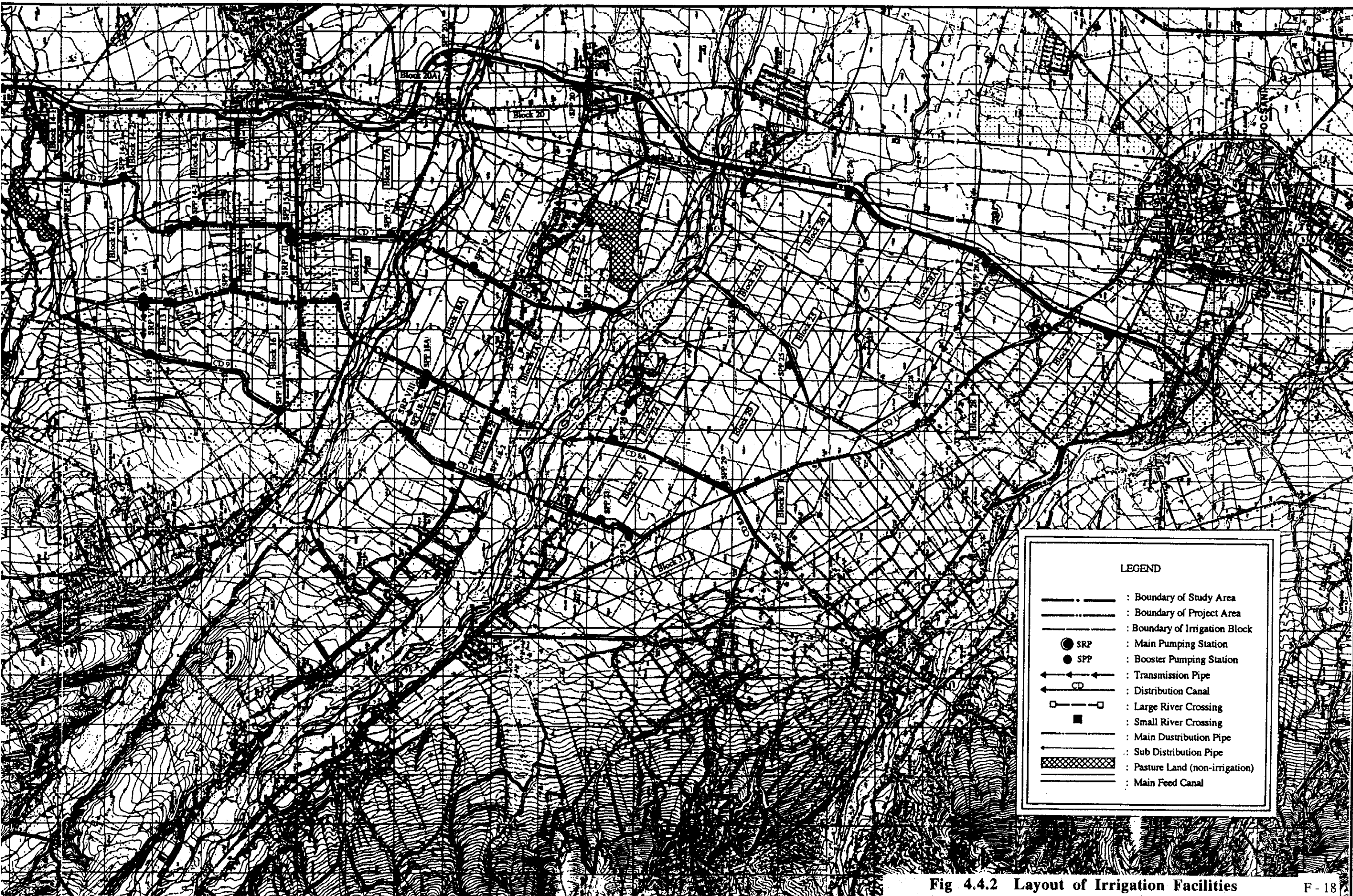


Fig 4.4.1 Proposed Irrigation System

Total Command Area 22,340 ha





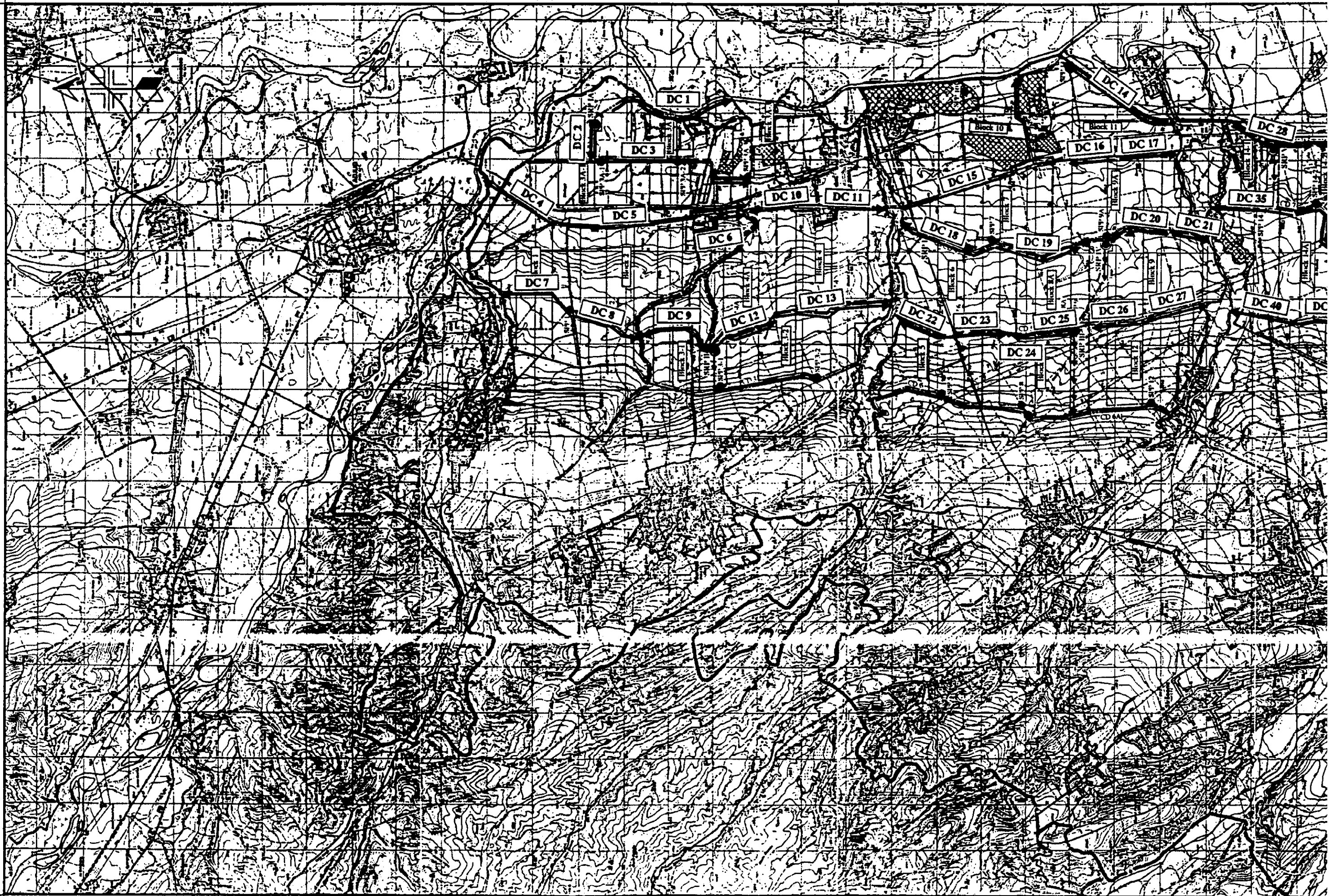
LEGEND	
— · — · —	: Boundary of Study Area
— · — · — · — · —	: Boundary of Project Area
— · — · — · — · — · —	: Boundary of Irrigation Block
●	: SRP : Main Pumping Station
●	: SPP : Booster Pumping Station
←	: Transmission Pipe
← CD	: Distribution Canal
□	: Large River Crossing
■	: Small River Crossing
—	: Main Distribution Pipe
—	: Sub Distribution Pipe
▨	: Pasture Land (non-irrigation)
—	: Main Feed Canal

Fig 4.4.2 Layout of Irrigation Facilities

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