

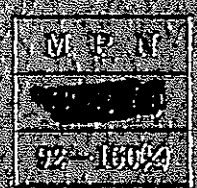
THE REPUBLIC OF TURKEY

**FEASIBILITY STUDY
ON
OLTU RIVER HYDROELECTRIC
POWER DEVELOPMENT PROJECT**

FINAL REPORT

OCTOBER 1992

JAPAN INTERNATIONAL COOPERATION AGENCY



THE REPUBLIC OF TURKEY

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OLTU RIVER HYDROELECTRIC
POWER DEVELOPMENT PROJECT
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PREFACE

In response to a request from the Government of the Republic of Turkey, the Government of Japan decided to conduct a feasibility study on Oltu river Hydroelectric Power Development Project and entrusted the study to the Japan International Cooperation Agency (JICA).

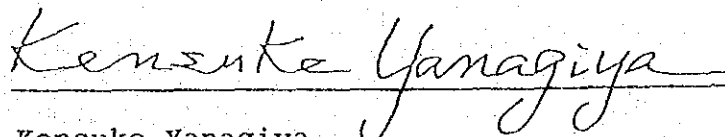
JICA sent to Turkey a study team headed by Mr. Shigeru Hayashi of Electric Power Development Company, Ltd. six times during the period from November 1990 to August 1992.

The team held discussions on the project with officials concerned of the Government of Turkey, and conducted field surveys at the study area. After the team returned to Japan, further studies were made and the present report was prepared.

I hope that this report will contribute to the promotion of the project and to the enhancement of friendly relations between our two countries.

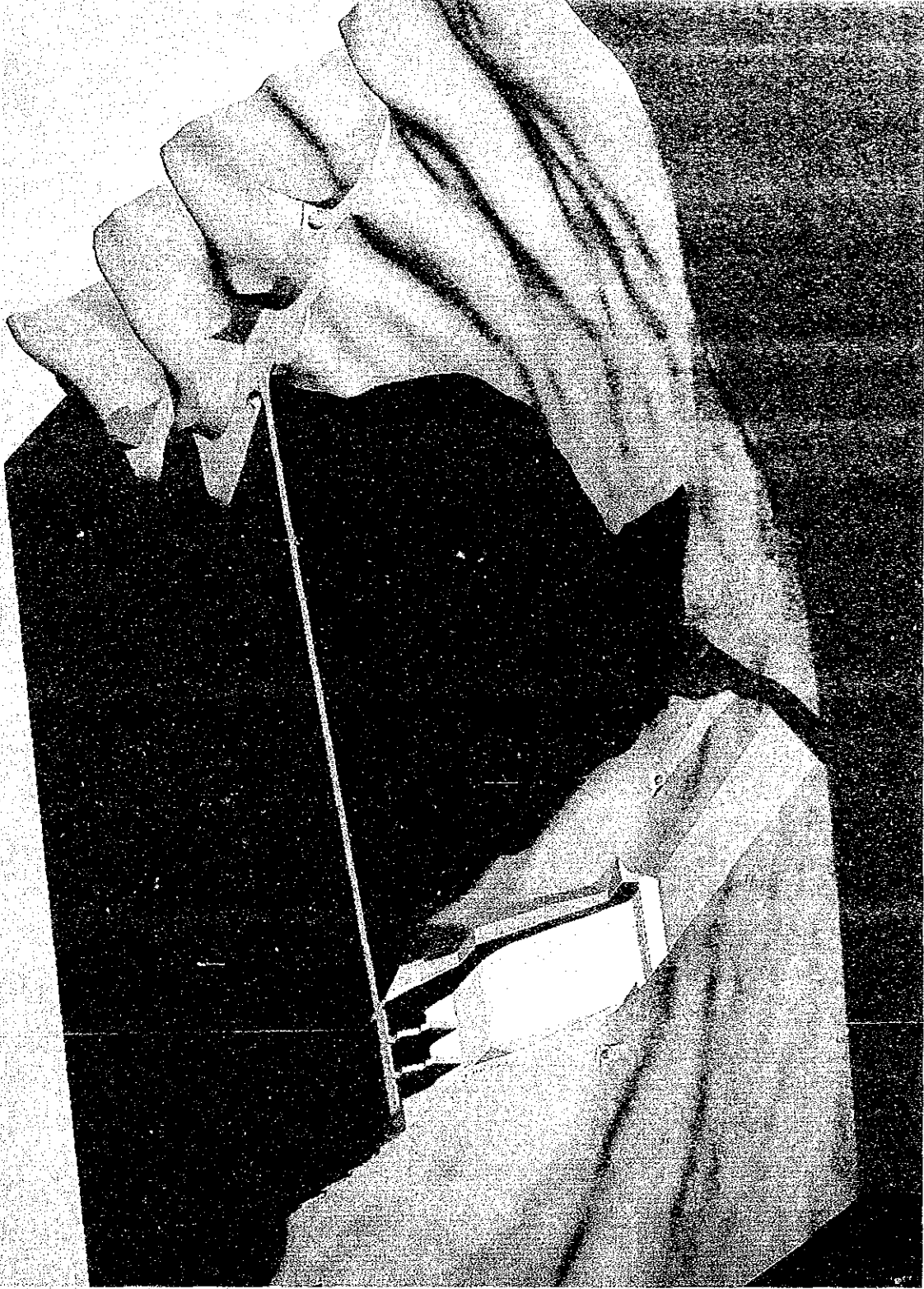
I wish to express my sincere appreciation to the officials concerned of the Government of the Republic of Turkey for their close cooperation extended to the team.

October 1992



Kensuke Yanagiya
President
Japan International Cooperation Agency

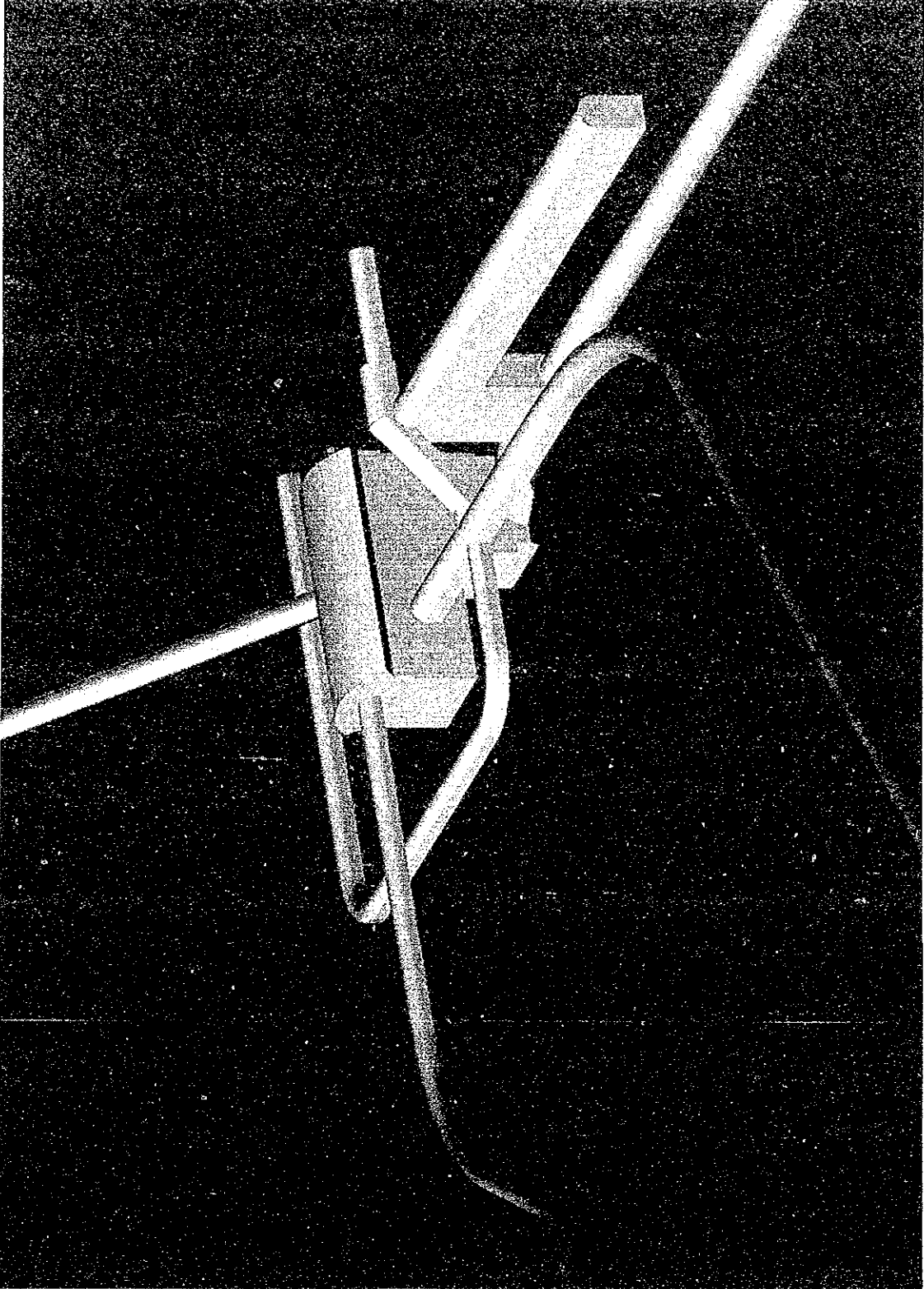
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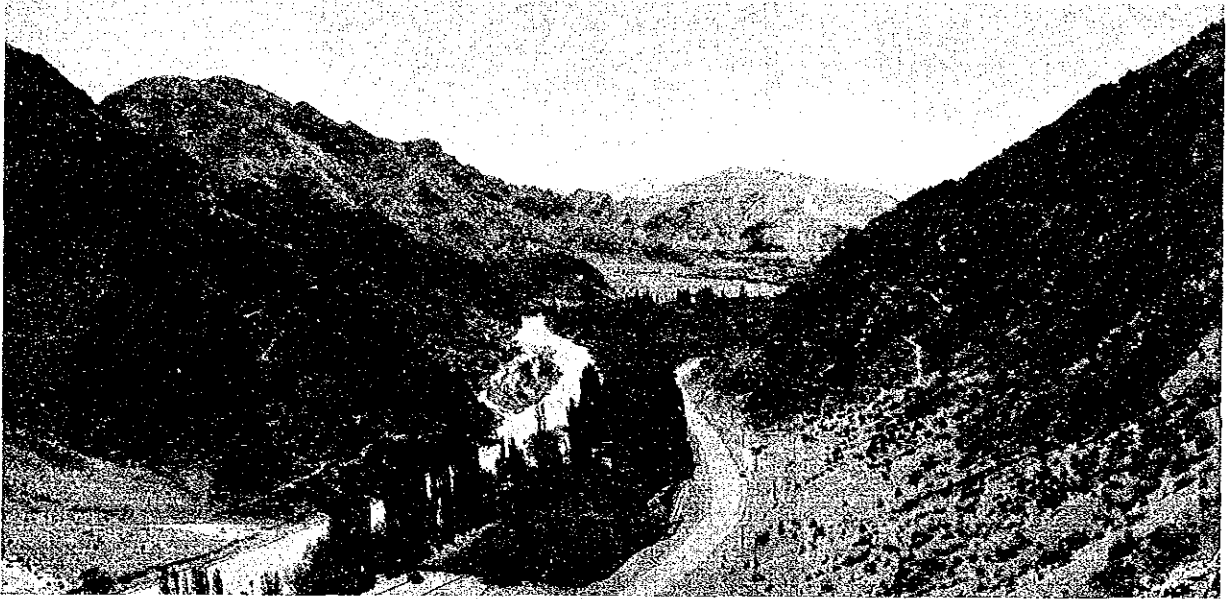
Bird Eye View of Olur Dam (Drawn with CAD)



Bird Eye View of Ayvali Dam (Drawn with CAD)

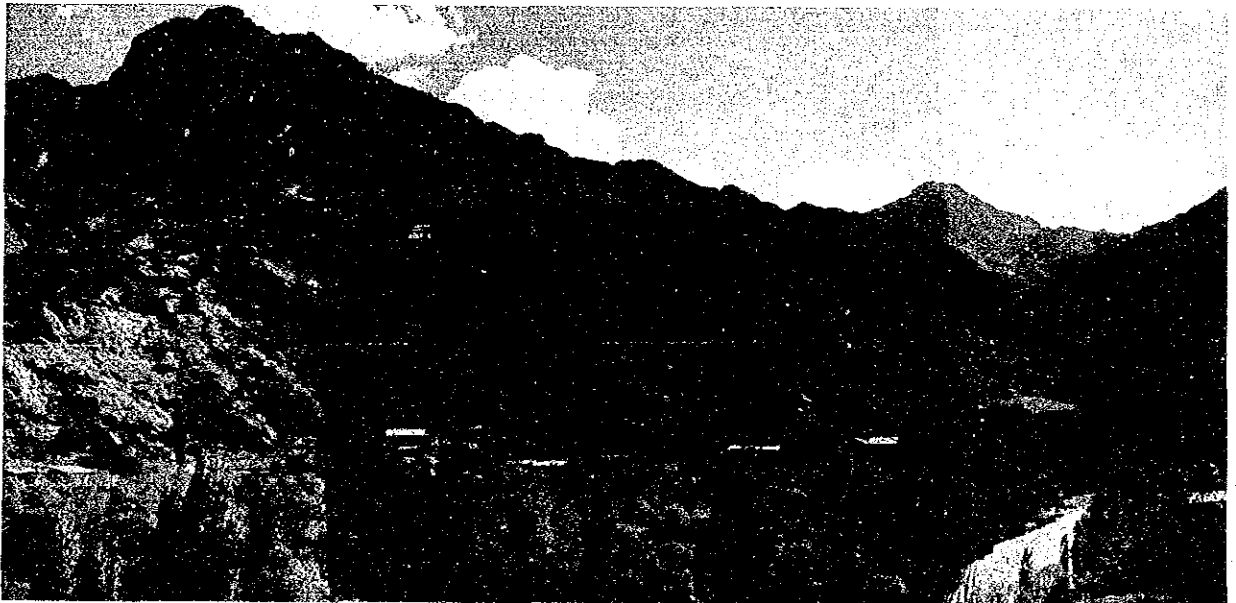


Three Dimensional View of Ayvali Underground Powerhouse (Drawn with CAD)



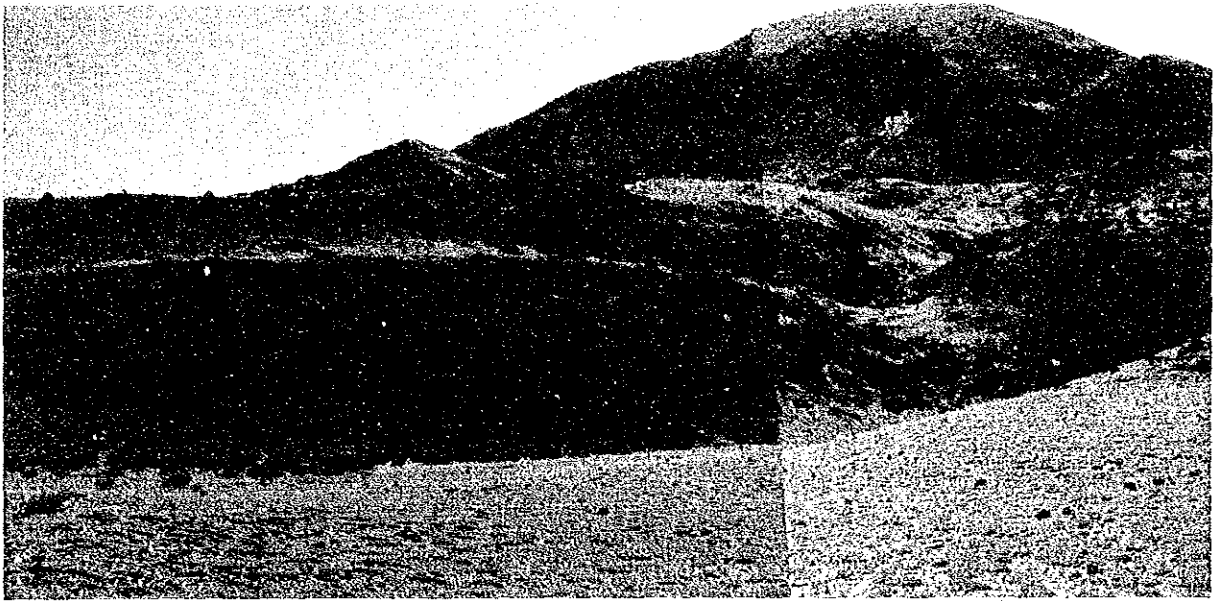
Olur Dam Site

- View from the Downstream Left Bank -

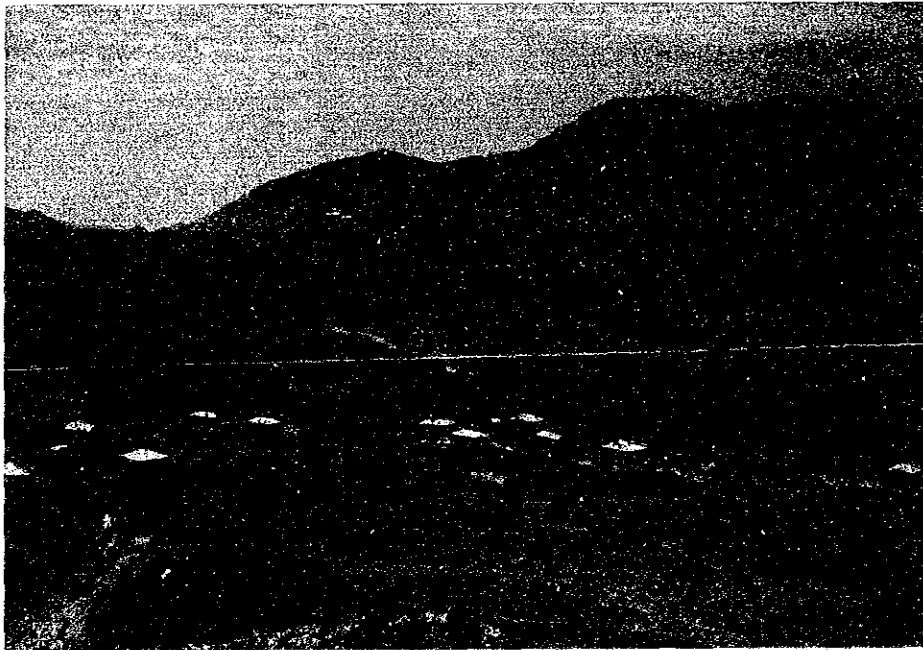


Olur Penstock and Powerhouse Sites

- View from the Upstream Right Bank -



Olur Dam Borrow Area
- Yolboyu Site -



Olur Dam Borrow Area
- Tekeli Site -



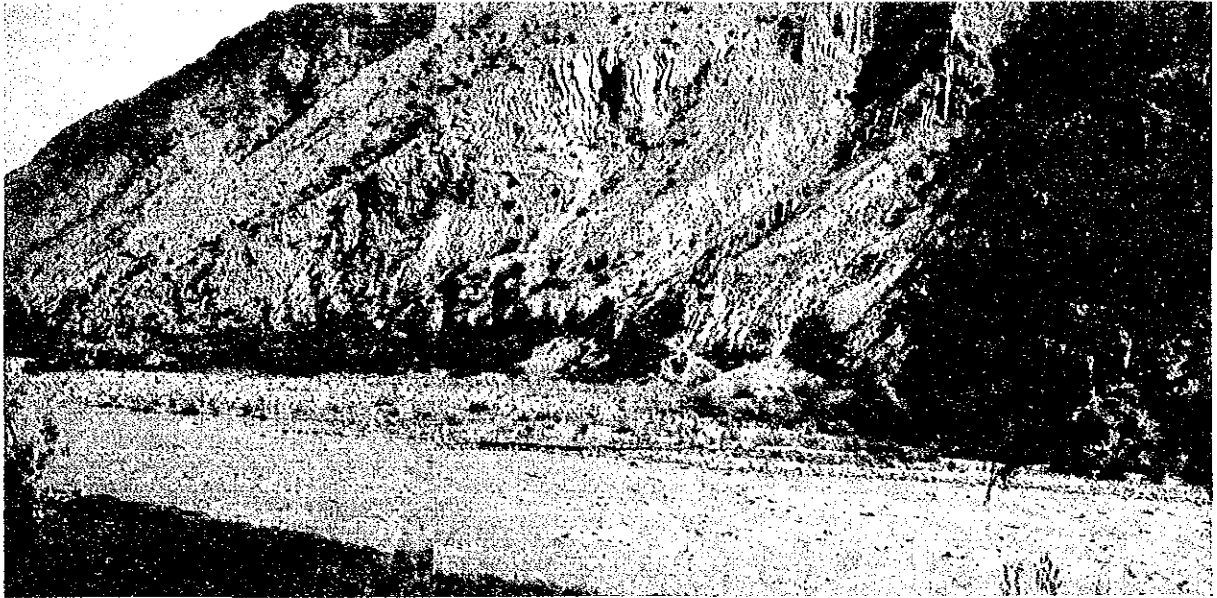
Olur Dam Quarry Site

- Downstream Right Bank of Dam Site -



Ayvalı Dam Site

- View from the Downstream Left Bank -



Ayvali Outlet Site

- View from the Downstream Right Bank -



Ayvali Borrow Area

- Tavusker Site -



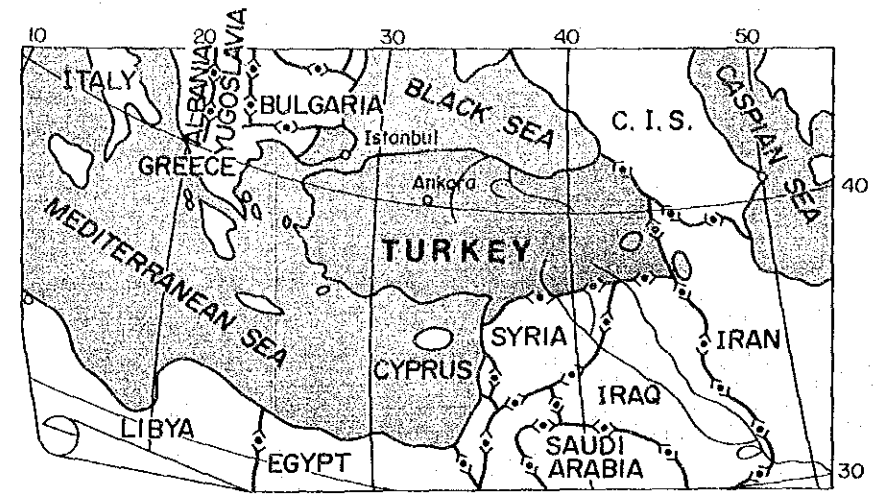
Ayvali Borrow Area

-Bulanik Site -

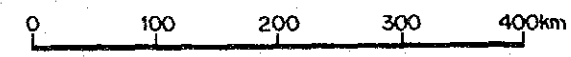
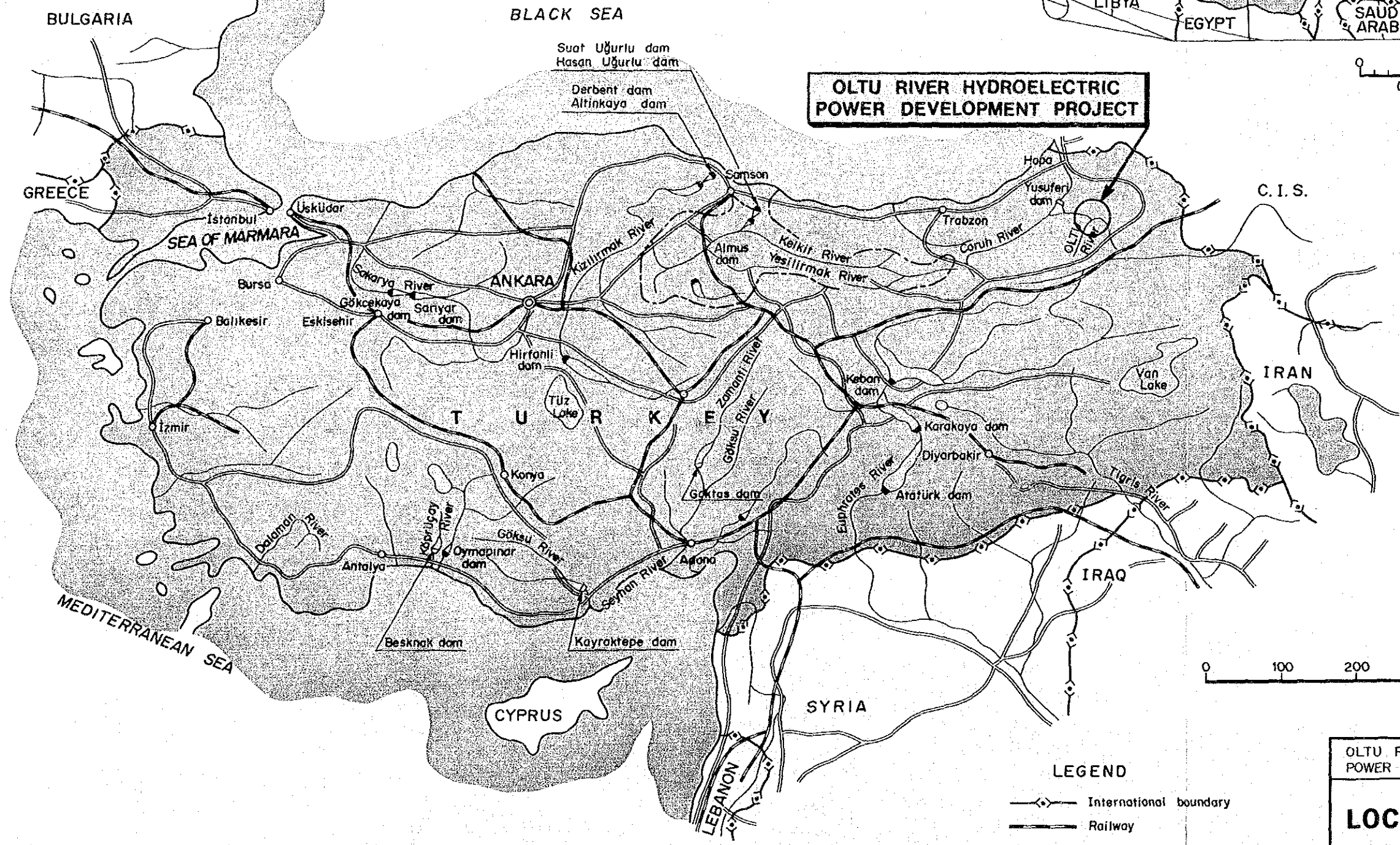


Ayvali Quarry Site

-Upstream of Dam Site -



OLTU RIVER HYDROELECTRIC POWER DEVELOPMENT PROJECT

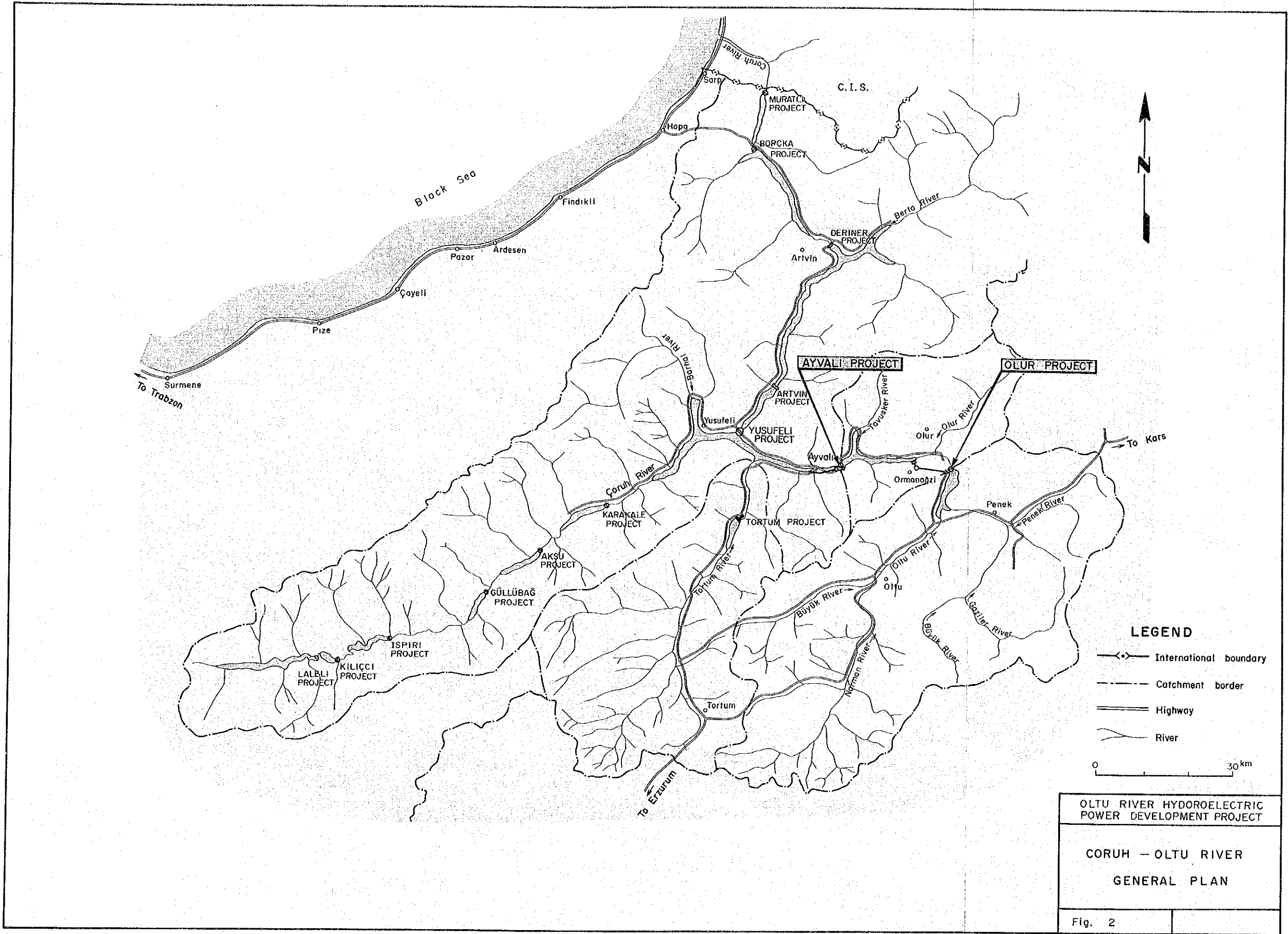


- LEGEND**
- International boundary
 - Railway
 - Highway

OLTU RIVER HYDROELECTRIC POWER DEVELOPMENT PROJECT

LOCATION MAP

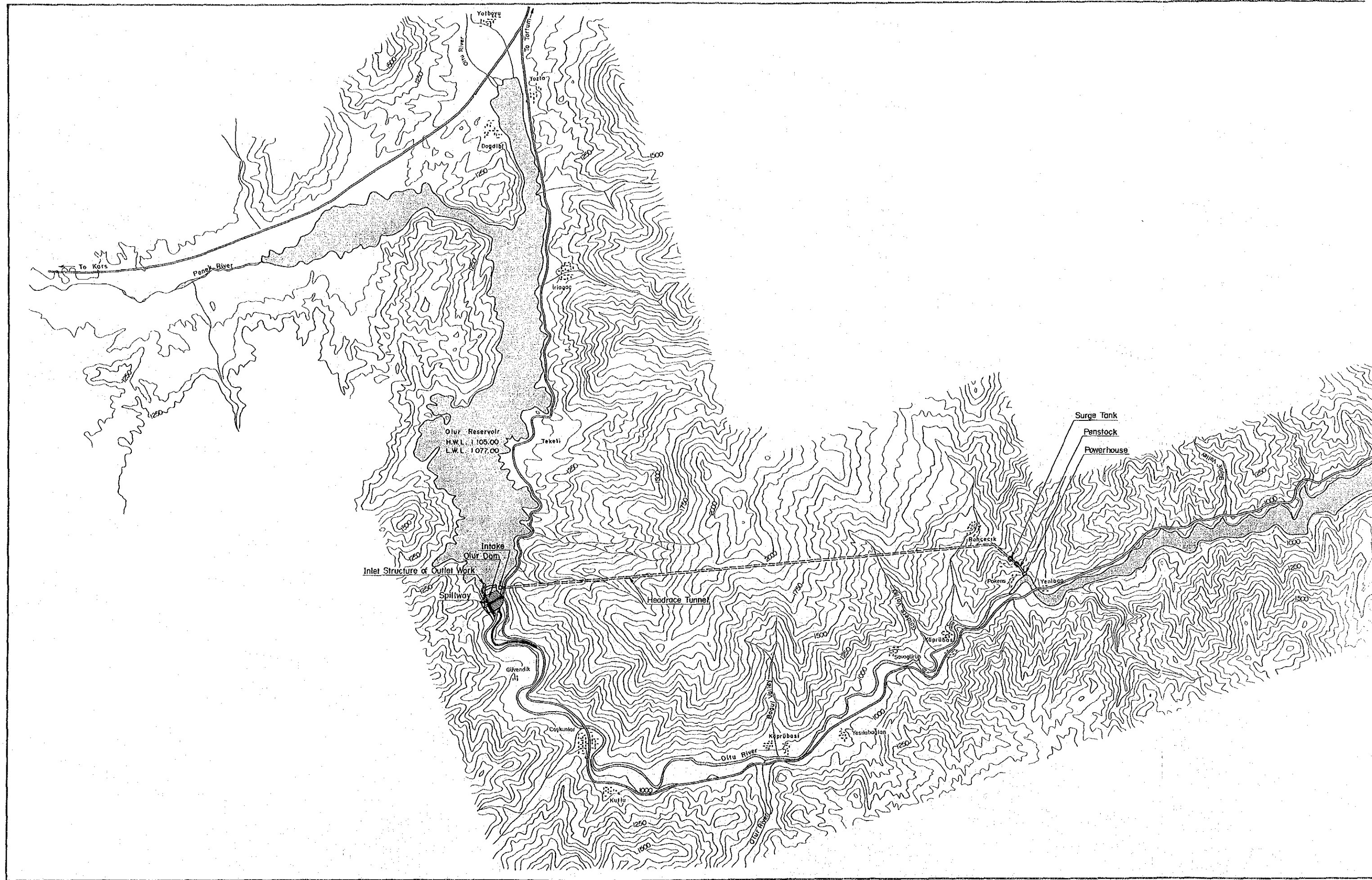
Fig. 1

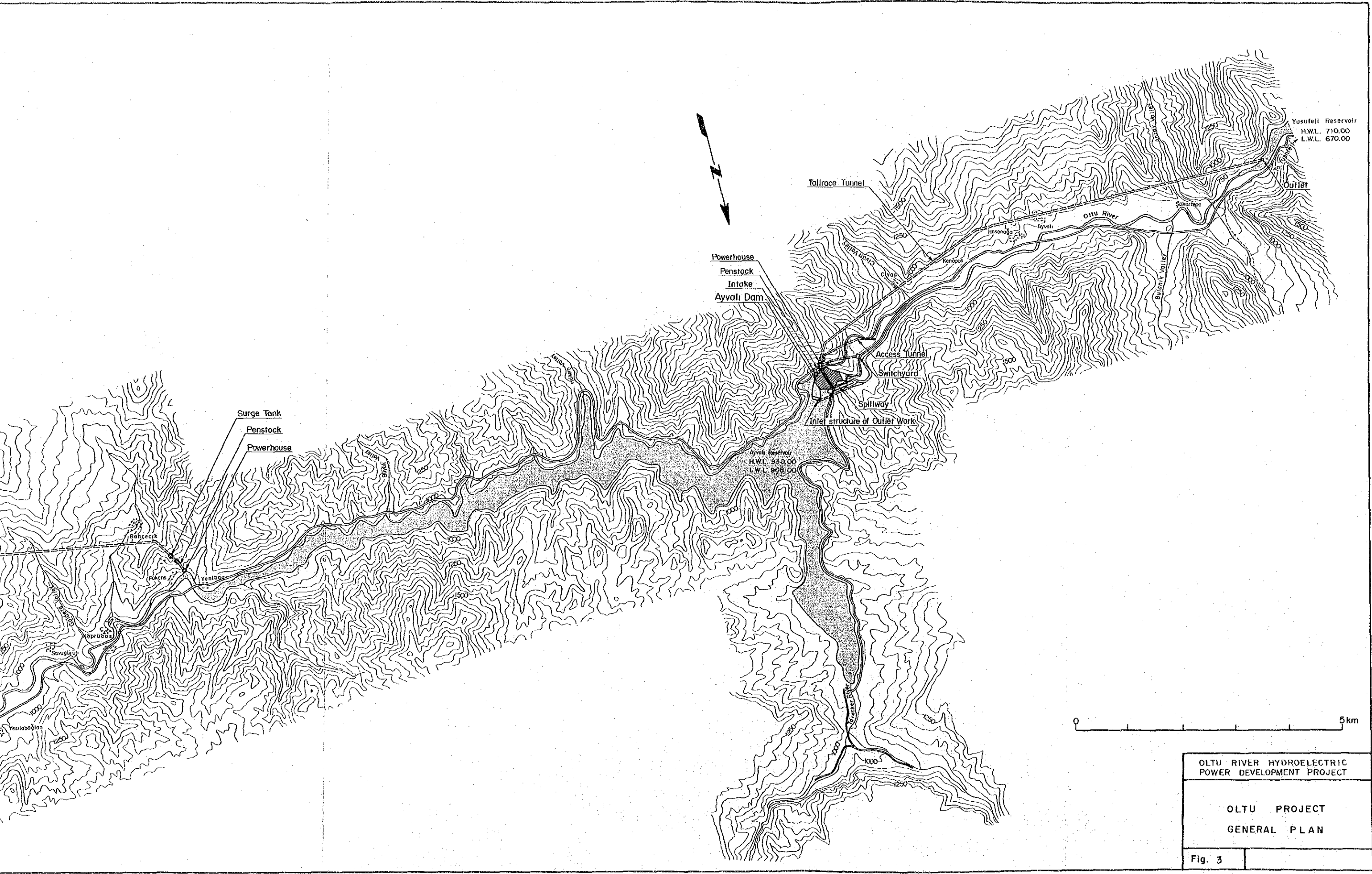


OLTU RIVER HYDROELECTRIC
POWER DEVELOPMENT PROJECT

CORUH - OLTU RIVER
GENERAL PLAN

Fig. 2





OLTU RIVER HYDROELECTRIC POWER DEVELOPMENT PROJECT	
OLTU PROJECT GENERAL PLAN	
Fig. 3	

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