

HIGHER TECHNICAL INSTITUTE
CIVIL ENGINEERING COURSE

DIPLOMA PROJECT

HYDROLOGICAL ANALYSIS
EVAPOTRANSPIRATION

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SUMMARY

An explanation and illustration of operation of a lysimeter is given in this project. For this purpose a lysimetric station was constructed at H.T.I area and its purpose was to take real evapotranspiration measurements and make the studies of future H.T.I students more feasible. An other of the main purposes of its construction is to give information to other Mediterranean Universities.

The construction of the lysimeter was under my supervision with the constant assistance of my supervisor. Mr. Kathijotes.

In this project a detailed study took place about the characteristics and components of soil (nutrients, phosphorus etc) so as to find the more suitable to be placed in the lysimeter.

Another subject which was referred to was the basic characteristics of wastewater which are important in agriculture.

The Agriculture Department was contacted as well as the Geological Centre from where valuable information was received and also maps were provided, showing the kinds of soil found in different places in the island.

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GENERAL COMMENTS