SITE AND MATERIALS INVESTIGATION FOR A DAM

Project Report Submitted by

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SUMMARY

The object of this report which was carried out with the assistance of the Water Development Department was to describe the different stages of site investigation for dams and also fill material investigation.

Chapter 1 is dealing generally with site investigation.

Chapter 2 describes the prefeasibility stage which includes the desk study and the site visit.

Chapters 3 describes the feasibility stage and the investigations that are carried out at this stage. Also brings as an example the feasibility stage of Ayios Theodhoros dam.

Chapter 4 is dealing with sampling.

Chapter 5 the different methods of laboratory testing of soils are given.

Chapter 6 describes the different insitu tests that are related with dam construction.

Chapter 7 is dealing with grouting.

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