

COMPUTER ORIENTED ALLUVIAL CHANNEL DESIGN FOR IRRIGATION

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ABSTRACT

This project contains introduction to my project title and the scope of the project. Besides, it includes the theory of the methods in designing the alluvial channel that I have studied and the calculation of designing the alluvial channel with the data of a real channel obtained from the Department of Irrigation and Drainage (DID) in Ampang. The methods I have studied are Kennedy's silt Theory, Linsley's Theory, Lacey's Theory, Permissible Tractive Force and Maximum Permissible Velocity. In the project report, I also include the outcome of the project, visual basic program that I have in software and printout.