

**KAJIAN KESESUAIAN GEOFISIK LAHAN  
UNTUK PEMBANGUNAN PERUMAHAN DI KOTA WATES KABUPATEN KULON  
PROGO**

**T E S I S**

Diajukan Untuk Memenuhi Tugas Akhir  
Pada Program Studi Magister Teknik Pembangunan Kota

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SEMARANG  
2003**

## **ABSTRACT**

*The development of housing is not independent from area availability which is started by location determination. The housing location determination is extremely important because it concerns with the urban area arrangement, the optimalization of the city's infra-structure and supra-structure facilities and many other factors which become considerations in urban management. The citizens and their lives require many facilities that can fulfill / satisfy their needs. Down-town is service centre with more complete facility so that in choosing the human settlement location, the developers will compete to get a location in the part of the city, namely around the down-town or the activity centre, near the industry centre, office buildings, trade and commercial activity, near the city's facilities as transportation and other public facilities besides the factor of the cheaper price (Eko Budihardjo, 1992).*

*The city of Wates which consists of two kecamatan's and nine desa's has a geomorphology shape as low-land, folded mountains and homoclin and as well as fault of structure geology that make it attractive to be studied in the context of housing and human settlement location. The geophisic area processes that control Kota Wates will be combined with the human settlement environment factors which are considered to have influences to the area properness for housing location which aims to find the proper area and to evaluate the area properness of the already existing housing area at this time. The analysis to be applied here is the superimposed method which was developed by Mc. Horg and Hopkin, 1977 namely the combination of capability area map which is combined with numerical index.*

*The research result showed that Desa Wates is the most proper location for housing so that the existence of Puri Wates Indah housing which lies in Desa Trukan Wonolele, Kecamatan Wates is the most potensial location to be developed viewed from the geographic aspect of the area and it is considered that this location is supported by a complete infra-structure facility and it is reachable as well, the other two housing locations namely Binangun Asri housing which lies in Desa Dayakan and Giripeni Indah in Desa Jurangjero are two locations with development limitations because of some considerations such as their geophysic factor requirement are not satisfied or they need more fund to be constructed and to anticipate disaster in the future.*

*The recommended actions necessarily to be taken to anticipate the improper area for the housing are 1) to direct the built up area not to be developed along the main street, not being separately and not to lie it in the fertile wet farming area instead to direct the priority of housing development in the available area, 2) to determine the type of construction according to the area characteristics to keep the building existence. 3) to tightened / to strictened the area lisenca for housing wich then continued with a consistent control in environment planning.*