

Material survey for the Kemasin-Semerak Project, Kelantan**TAN BOON KONG, Jabatan Geologi, Universiti Kebangsaan Malaysia, Bangi**

The Kemasin-Semerak Project is undertaken by the Drainage and Irrigation Department for flood mitigation and irrigation purposes. The project involves, among other things, the construction of two earth dams, bunds and canals, and three breakwaters at the mouth of the rivers Pengkalau Datu, Kemasin and Semerak in Kelantan. This paper discusses the survey for possible sources of earthfill materials for the dams and bunds, and rock materials for the construction of the breakwaters. Though suitable geologic materials are available for construction purposes, non-geologic factors and economics might dictate the use of alternative materials, as would probably be the case for the breakwaters in the project.
