Abstract

Singapore is a small island-225 square miles that has blooming building business. Instead of old buildings, high-rise apartment, skyscraper offices and hotels stand in their place. More and more of these palatial buildings are towering over the old skyline.

As a result of the expansion of both public and private building construction programmes in the last decade, shortage of certain building materials, such as cement, steel wire mesh, bricks, sand and granite have been occured at various times. Of course, the demand for crushed granite is increasing because of numerous construction and land development projects. Either the local or imported crush granite are rapidly increasing.

However, Singapore is particularly fortunate to have very rich reserves of granite deposits. The availability of granite are concentrated in the central igneous rock area with Bukit Timah Road crossing the central part and Pulau Ubin, all granite quarrying establishment have been located in these two regions. Nevertheless, Singapore still imports a great amount of crushed granite which is increasing rapidly from West Malaysia. Owing to this, it is not only heart that present market can absorb more crushed granite, and also a great doubt about the ability of self-sufficient of local crushed granite. Since the Housing and Development Board low cost housing and Urban Renewal schemes will still be effectively carried on in the following years, if the granite quarrying establishment unable to supply the necessary amount of crushed granite then the whole building schemes will not be fulfilled efficiently. As granite supply is playing an important role in the building schemes, especially it will have an extended home market, all the establishment, therefore, are necessary to improve their productivity.

In this thesis, the most important part are in chapter two and three. The growth of production of granite quarrying is being discussed intensively in chapter two. In chapter three, the discussion is mainly dealt with the relationship between granite quarrying and housing development of Singapore.