

Industrial rock resources of Thailand

HINTHONG, C. and CHAODUMRONG, P., Geological Survey Division, Department of Mineral Resources, Rama VI Road, Bangkok, Thailand, 10400

Industrial rocks are known to be the prime important basic non-metallic minerals for the country development. At the present status, each year both the production and utilization of industrial rocks within the country of Thailand are much higher than those of the metallic minerals.

The productive industrial rocks in Thailand categorizing as limestones, dolomites, marbles, granites, basalts, perlites and pumices are most valuable industrial non-metallic minerals, whereas some typical characteristics of sandstones, granites, limestones as well as marbles are also worth for dimension stones.

Several industrial minerals such as limestones can be utilized as construction materials, principal materials for cement industry, chemical industry, agricultural and dimension stones purposes.

The utilization of these rocks are dependent on their chemical compositions, physical characteristics, and mechanical properties. Investigations for their qualities of each site are vitally acquired. In this regard, they are not only the disciplinary measures to search for their reserves to the necessary industrial need of the country, but can also provide the basic suitable properties of various qualified industrial rock resources in terms of the value added and sustainable purposes.