

Thesis title	Cement Stabilization of Breccia
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Abstract

This thesis studies about the Cement Stabilization of Breccia. There are three sources collected from Surat Thani province. The first source is located on the highway No.4142, Amphur Donsak KM 2+500 RT offset 0.5 KM. (SW-SM or A-1-a, A-1-b). The second source is located on the highway No.4142, Amphur Donsak KM 3+400 RT offset 0.6 KM. (SM or A-4). The third source is located on the highway No.401, Phuphin-Kanchanadit-Sichon, KM 3+400 RT offset 3.5 KM. (GW-GM or A-1-a, A-1-b).

Breccia Stabilized with cement will induce high UCS and CBR. The relationship between the cement content of Breccia would be the linear. The effect of compaction energy, age of curing and cement content will be obvious in inerraws both parameters. The result indicates that the appropriated cement content should be around 4 and 3 percent of weight of dry soil for the second and the third source, respectively. The appropriated cement content should be more than 5 percent for the first source.

Keywords : Cement Stabilization / Soil Cement / Breccia