

ABSTRACT

It is provided to be an evaluation method of a coefficient of earth pressure at rest in a pile or a Sand Compaction Pile driving ground for evaluation appropriately the increment of a coefficient of earth pressure at rest in a ground due to the driving of a pile or a Sand Compaction Pile, and allowing to appropriately and simply apply the coefficient of earth pressure at rest to the designing.

It is also provided to be an evaluation method comprising the steps of; obtaining a cone resistance before driving a pile or a Sand Compaction Pile, by performing an electric static Cone Penetration Test CPT at representative points in an construction area, driving a plurality of test piles or test Sand Compaction Piles, performing the test for obtaining a cone resistance after the driving, and calculating and evaluating the coefficient of earth pressure at rest in the sand ground from results thereof.

Figure 1



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