

**Assessment of Physical Property Values based on Lithostratigraphic
Classification of Sandy Ground**

Takeshi KAWAGOE Takuya URAKOSHI

Takehiro OHTA Tomomi IURA

Physical property values of sandy ground vary generally depending on difference of facies in it. However, relation between the variation of physical property values and facies has not been made clear yet. Therefore, we studied relation between them aiming to evaluate physical property of the sandy ground more adequately. As a result, we clarified that the degree of variation of physical property values strongly depends on slight difference of facies and it can be shrunken by evaluating geologic division adequately. In addition, it became clear, as a result of the seepage flow analysis, that hydraulic head influenced the distribution of the permeability coefficient around underground structures.