

## **The Characteristics and Engineering Properties of Soft Soil at Cyberjaya**

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This paper provides information on the distribution and characteristics of peat and organic soil which is distributed around the Multimedia Super Corridor area. Peat and organic soils are the ultimate soft soils in engineering terms. The behaviour of peat and organic soils is usually determined using the concepts and methods developed for inorganic soil. However, important anomalies exist, and these are given emphasis in the present overview of the mechanical behaviour of these soils. Peat and organic soils are difficult to sample and test using normal soil techniques, and in fact there is not even an adequate engineering system in place for classifying these soils. The characteristics and engineering properties of these soils are presented with respect to its earthwork and geotechnical performance. A preliminary classification system of these soils are also proposed.

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