

**26 Aug 2013**

**ECM Review Panel**  
**REVIEW OF EARTH CONTROL MEASURES PLAN PROVIDED BY QECP**

**Estimation of sedimentation yield using modified universal soil loss equation (MUSLE)**

- The soil erodibility chart to be used is attached herewith [with K values varying from 0 to 0.1]
- The soil erodibility chart with K values varying from 0.1 to 0.9 shall not be used

**Collection of soil data for research on soil erodibility chart**

QECP are encouraged to assist in compilation of soil data to assist in research on Singapore soil erodibility chart.

Please submit boreholes and test reports with the following data to IES:

- Borehole location
- Soil's % sand (0.1 – 2.0mm)
- % organic matter,
- Structure and permeability

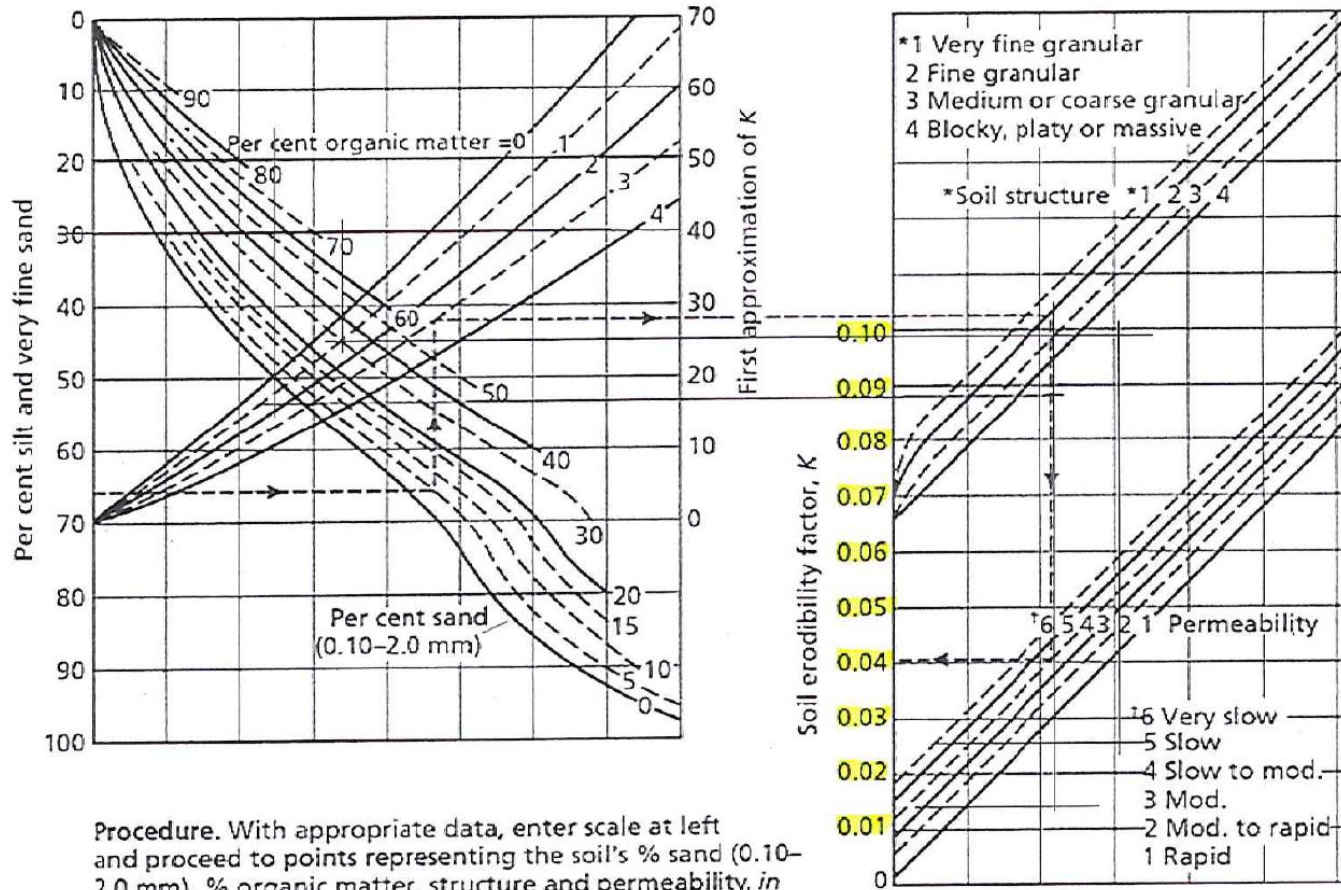
Please feel free to contact Kok Sun [koksun@iesnet.org.sg] at 64695000 for clarifications.



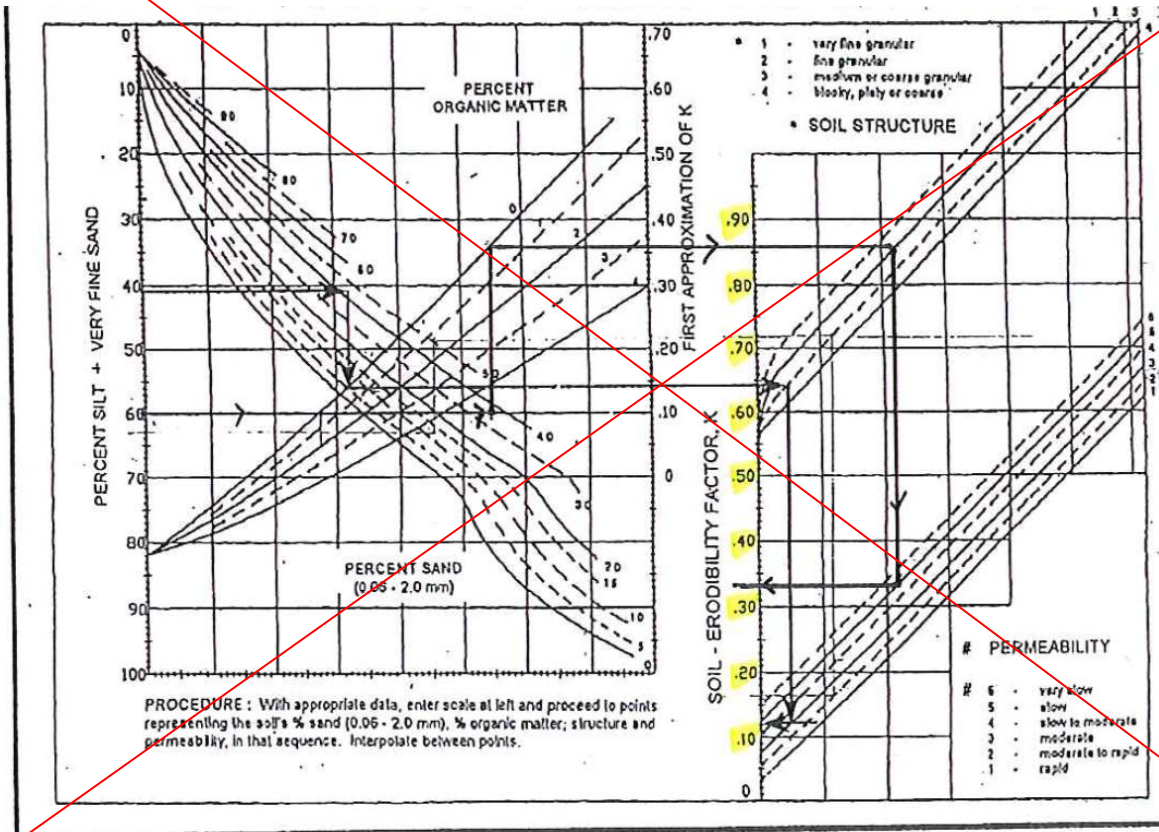
Water for All: Conserve, Value, Enjoy



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**Soil Erodibility Chart [To be adopted]**



Malaysia Soil Erodibility Nomograph for Calculation of Soil Erodibility Factor (K) (Tew,1999)