

IGS Technical Note

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Geotechnical Services

CPT & Piezocone
Dilatometer
Seismic Dilatometer
Vane Shear
Tee-Bar
Eziprobe Sampling
Piezometer Installation
In Situ Permeability

Field Fleet ("the girls")

Esme – 10-20t all-terrain



Beryl – 15t 4 wheel drive



Eunice – 20t 6x4 bogey

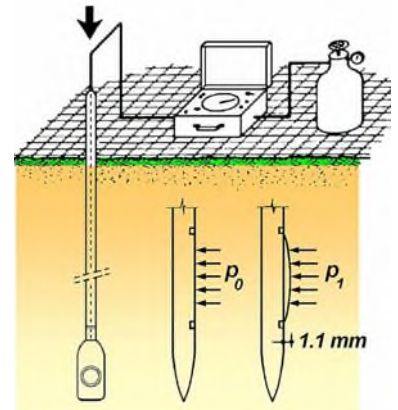


Baby Jayne – 15t portable

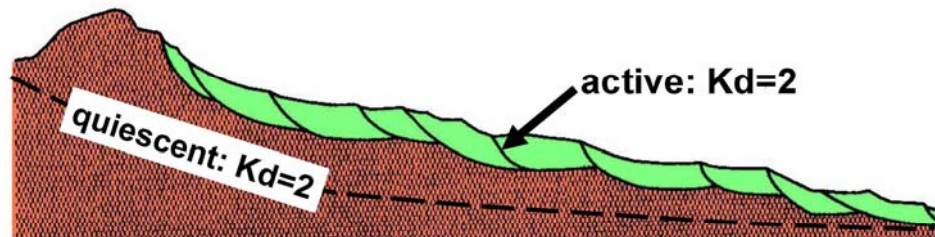


A use for DMT that you might not know

The information below comes from Professor Silvano Marchetti, "father" of the Dilatometer. IGS now undertakes DMT testing on a routine basis. All our rigs are equipped and all our operators are trained.

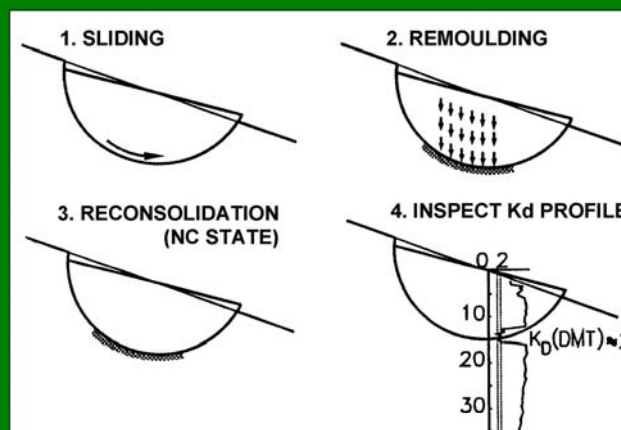


Need to detect slip surfaces?



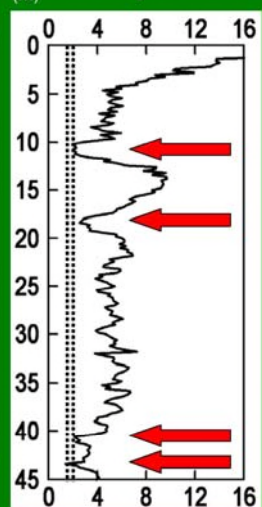
$K_d = 2 \rightarrow$ active/quiescent slip surface

Formation of $K_d = 2$ (NC) zones



$K_d = 2$ denotes NC clay

K_d by DMT



www.marchetti-dmt.it

reducing geotechnical uncertainty