

Fig. 1. Liquefaction susceptibility chart based on the I_c criteria by Robertson and Wride (1998) and Youd et al. (2001) with CPT data from the Cooper marl

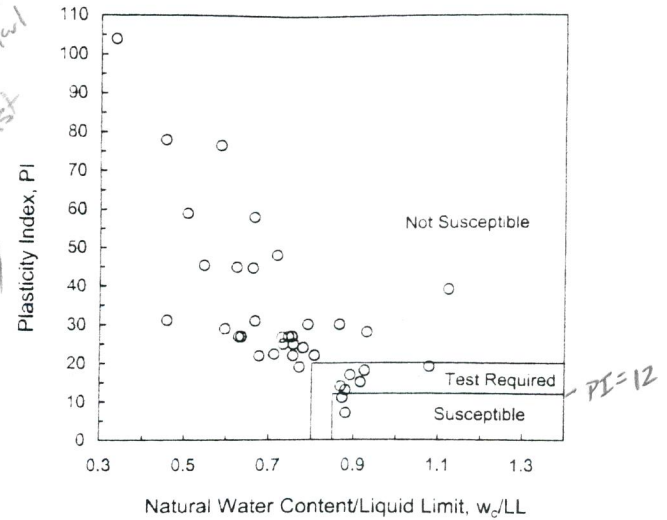


Fig. 2. Liquefaction susceptibility evaluation of SPT borehole data from the Cooper marl using the criteria by Bray et al. (2004)

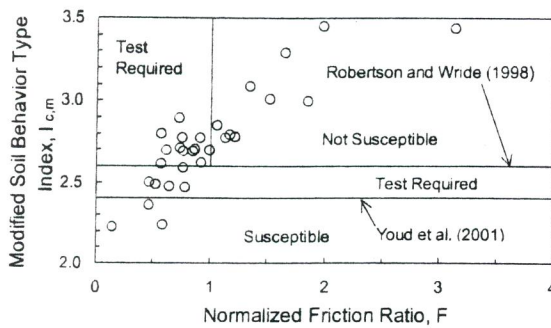


Fig. 4. Replot of Fig. 1 using modified soil behavior type index, $I_{c,m}$

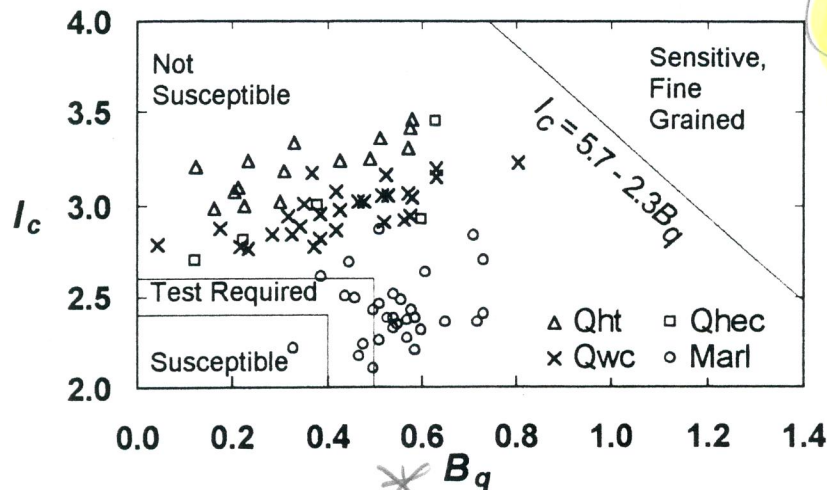


FIG. 4. Proposed CPT-based liquefaction susceptibility based on I_c and B_q .

Hayati, H., and Andrus, R.D. (2008). "Liquefaction Susceptibility of Fine-Grained Soils in Charleston, South Carolina Based on CPT," *Proceedings of GeoCongress 2008*, ASCE, to be held in New Orleans, LA, March 9-12.