

Sand:

We used Ottawa F-65 sand for all the soil layers in this experiment. This sand has been well characterized (Parra Bastidas et al. 2017; Parra Bastidas 2016) and is currently used by several centrifuge sites as well as shake table facility at UCSD. Basic index and dynamic properties of this sand have been at UC Davis (Parra Bastidas et al. 2017). Links to the information on Ottawa F-65 sand can be found here:

Link 1 (Parra Bastidas 2016):

https://datacenterhub.org/app/site/resources/2017/06/14288/FINAL_Ana_Maria_Parra_Bastidas_PhD_Dissertation.pdf

Link 2 (Parra Bastidas et al. 2017, Ottawa F-65 Index Properties and Element Test Data):

https://datacenterhub.org/resources/ottawa_f_65/about

References:

Ana Maria Parra Bastidas; R. W. Boulanger; Trevor Carey; J. DeJong (2017), "Ottawa F-65 Sand Data from Ana Maria Parra Bastidas," https://datacenterhub.org/resources/ottawa_f_65.

Ana Maria Parra Bastidas (2016), "Ottawa F-65 Sand Characterization," PhD Dissertation, University of California Davis.