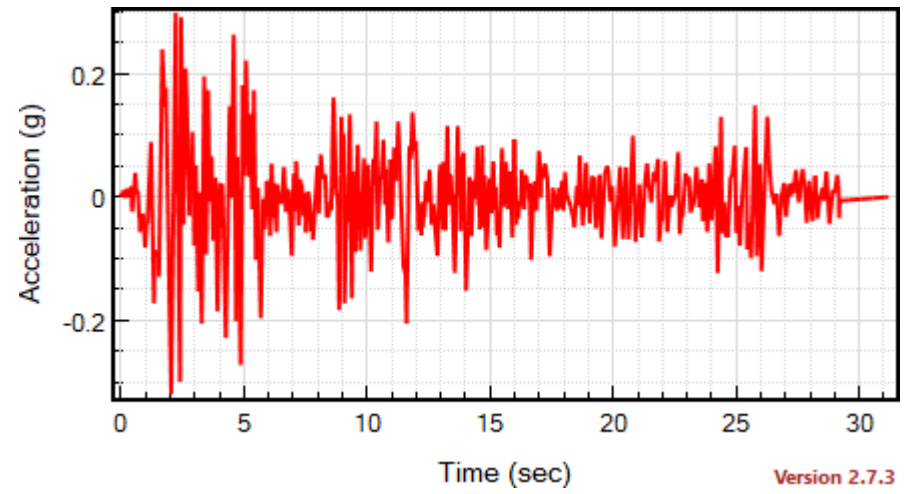


Shear beam model (10 m high)

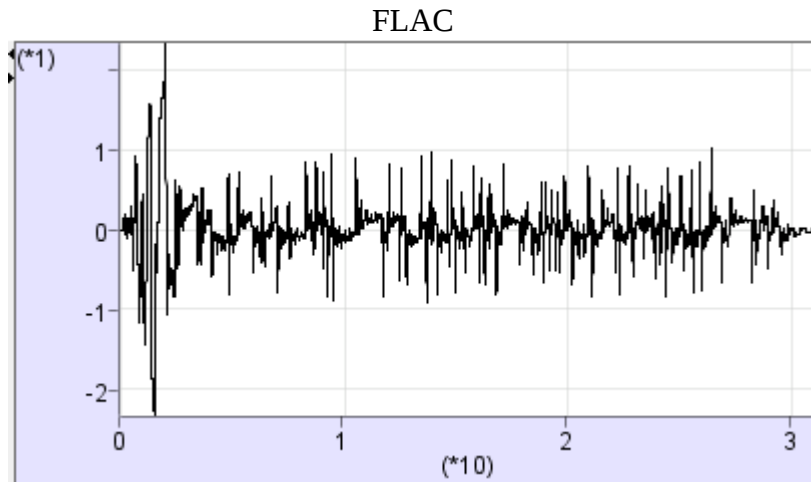


Base input motion (El Centro)

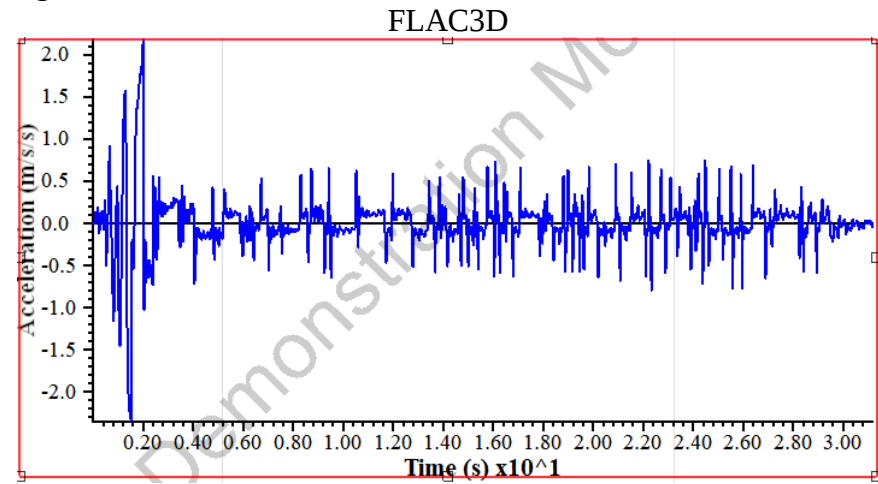


:

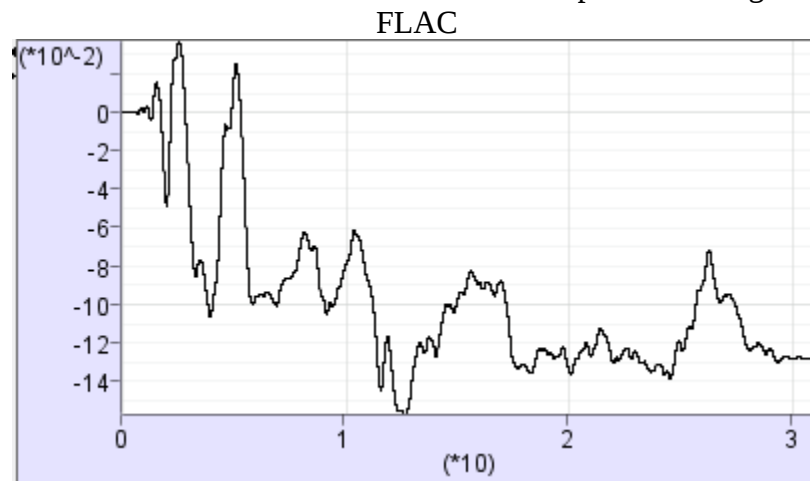
Acceleration at ground surface



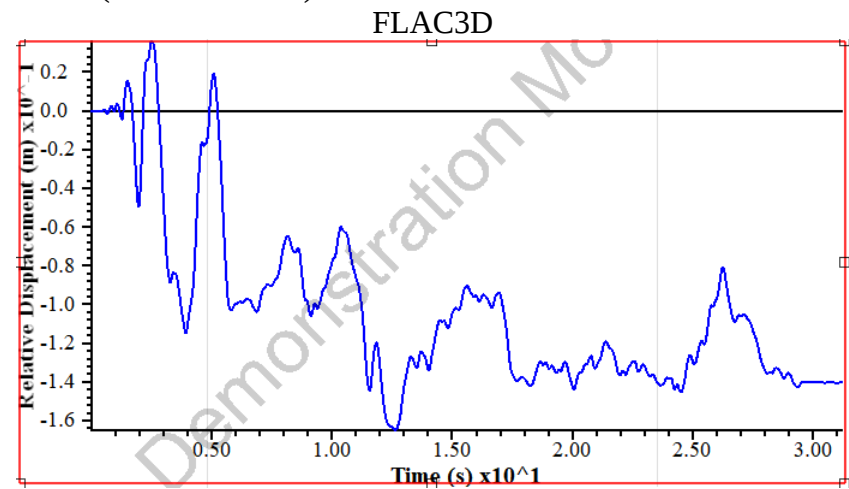
Horizontal axis: Time (sec); vertical axis: Acc (m/s/s)



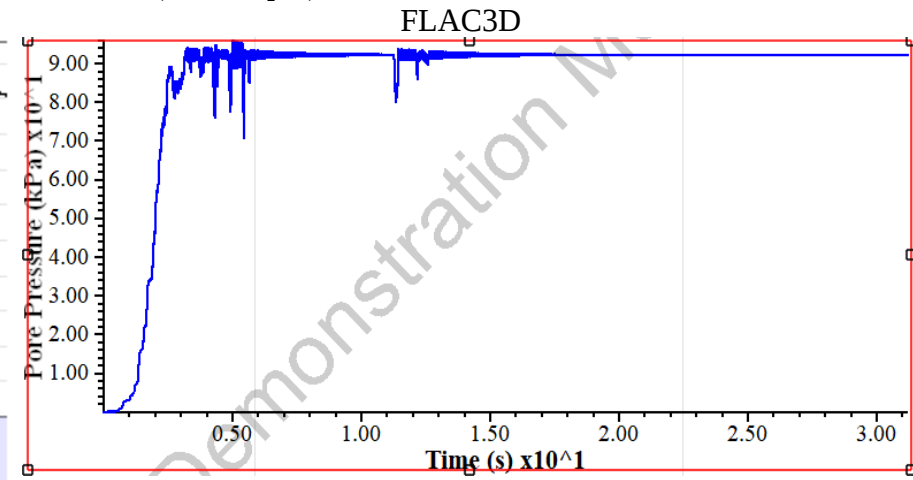
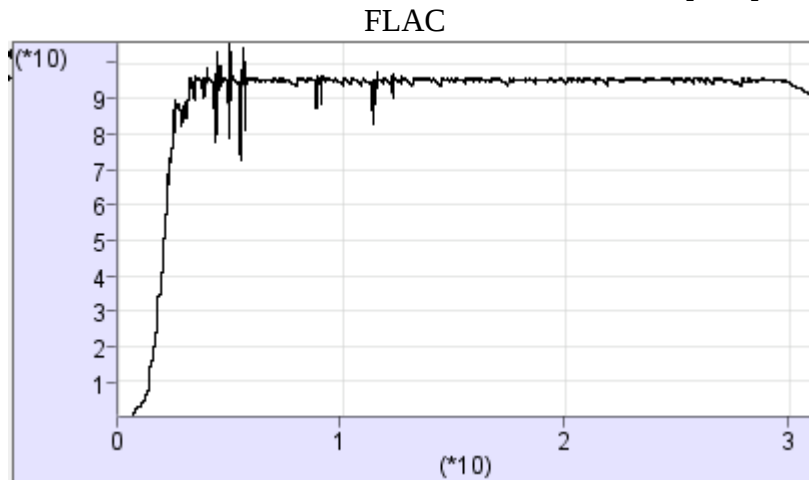
Displacement at ground surface (relative to base)



Horizontal axis: Time (sec); vertical axis: Disp. (m)

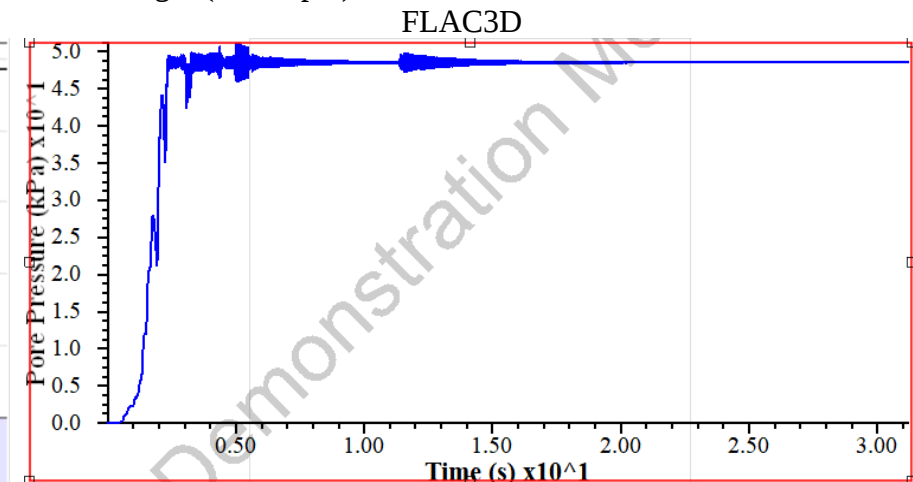
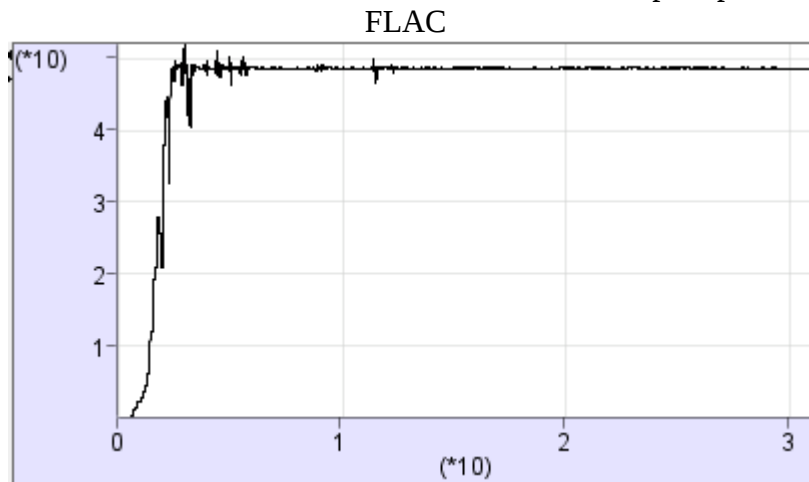


Excess pore pressure at base (10 m depth)



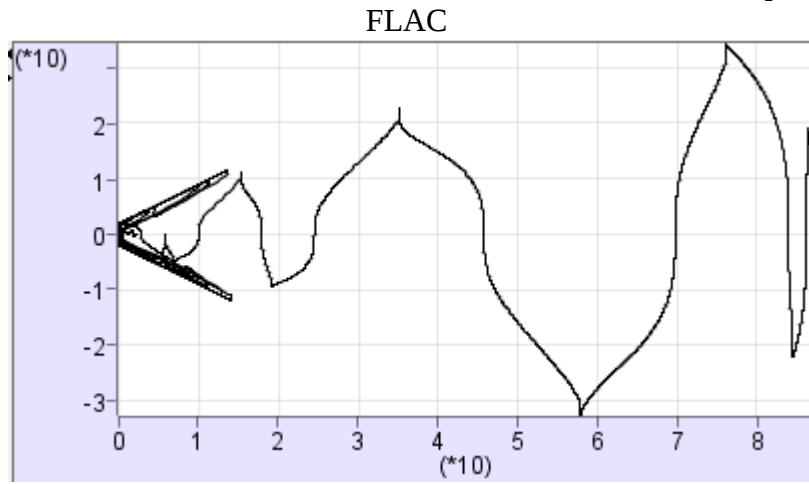
Horizontal axis: Time (sec); vertical axis: Excess pore pressure (kPa)

Excess pore pressure at mid-height (5 m depth)

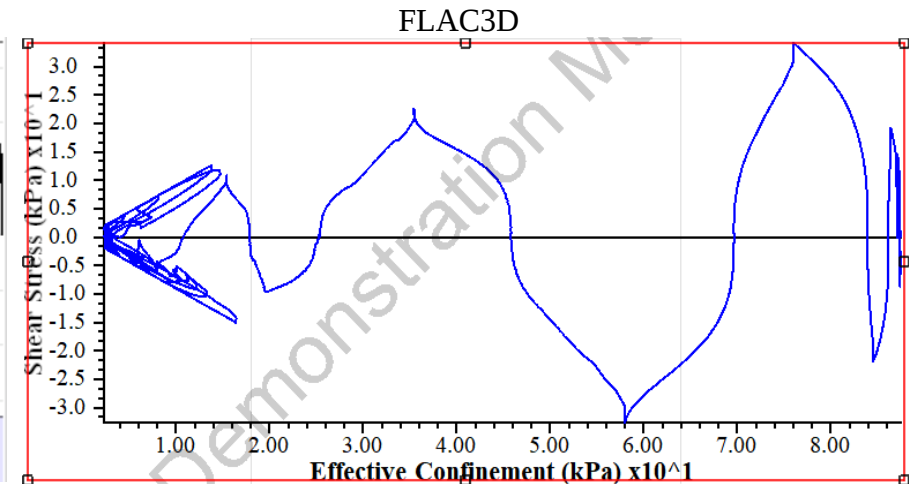


Horizontal axis: Time (sec); vertical axis: Excess pore pressure (kPa)

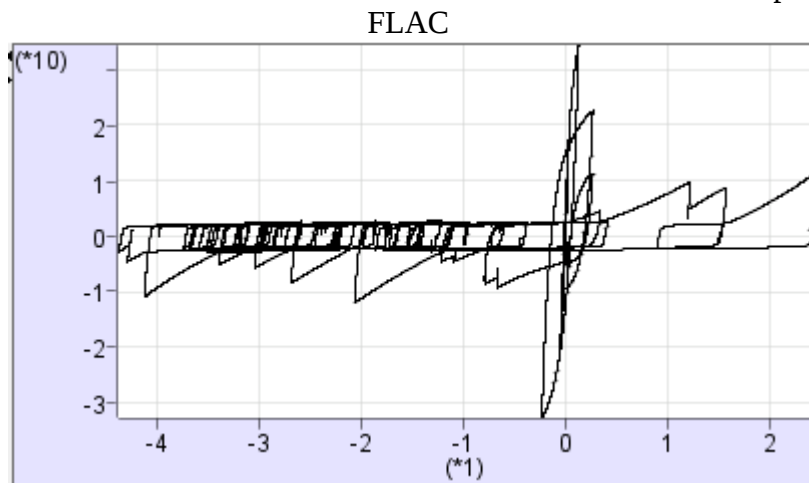
Stress path near model base



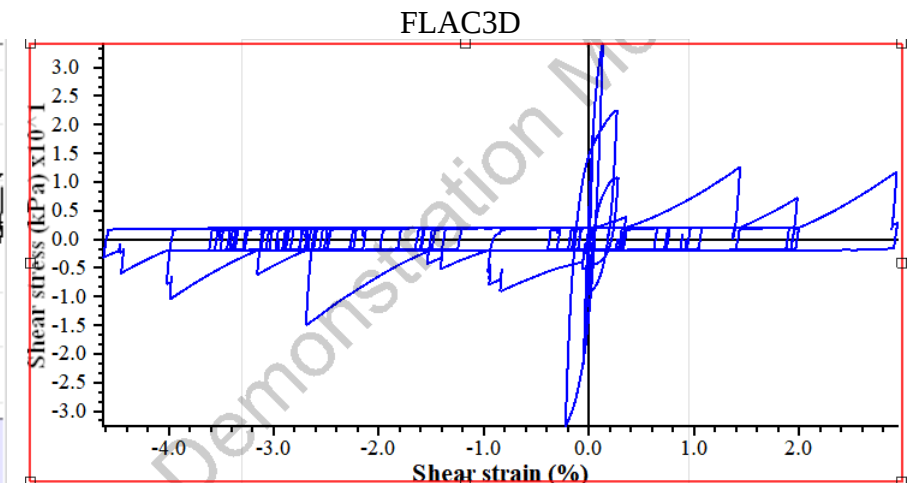
Horizontal axis: Eff. conf. (kPa); vertical axis: Shear stress (kPa)



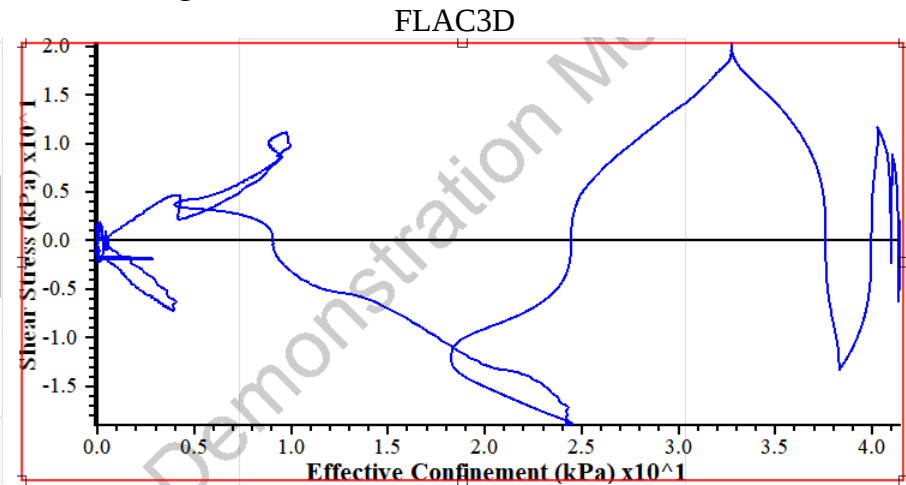
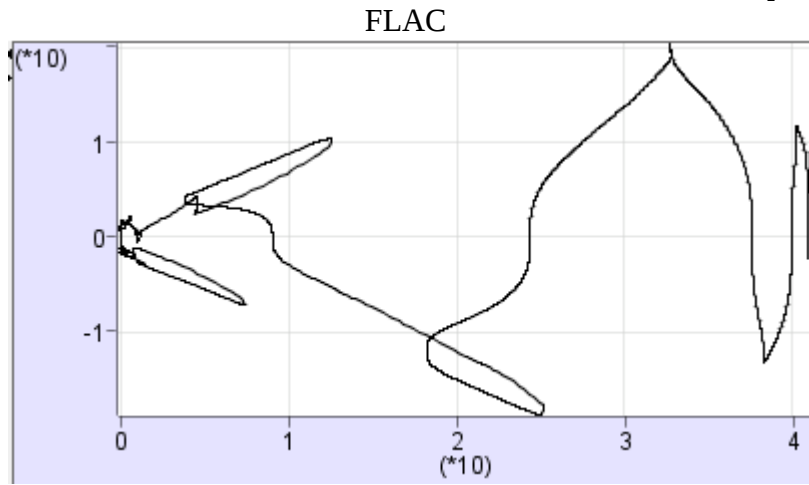
Stress response near model base



Horizontal axis: Shear strain (%); vertical axis: Shear stress (kPa)



Stress path near mid-height



Stress response near mid-height

