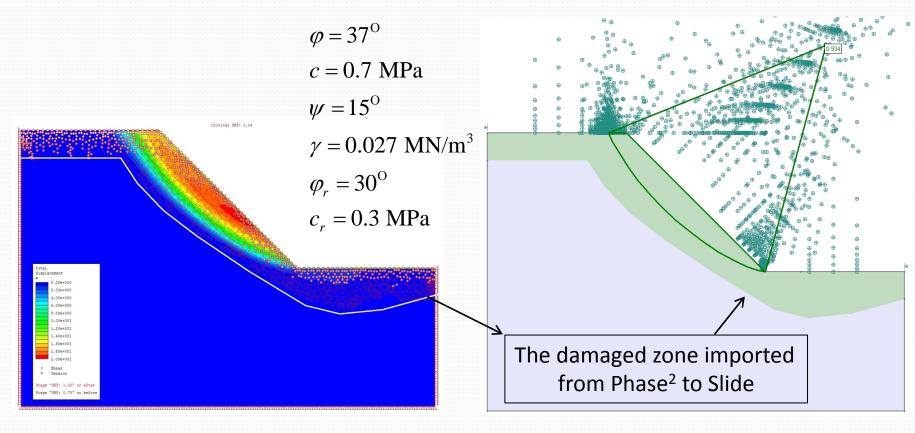
# Influence of in situ stress on open pit design



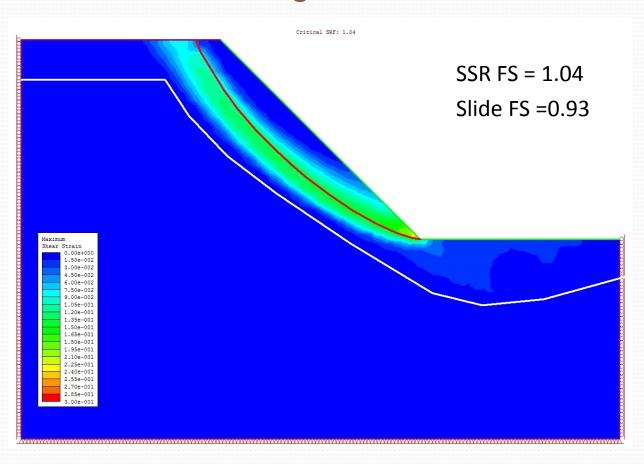
## Plane strain - $K_0 = 1.0$



Contours of total displacement and location of yielded elements

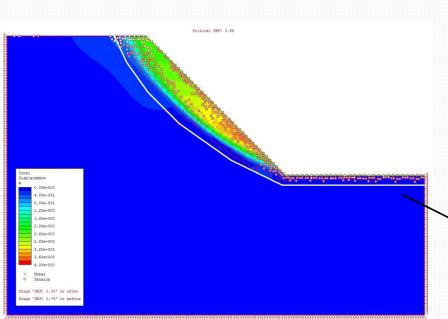


#### Plane strain - $K_0 = 1.0$

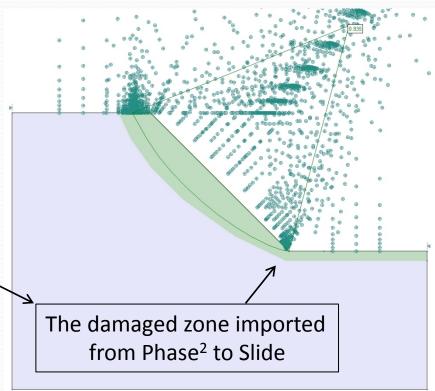




## Plane strain - $K_0 = 0.5$



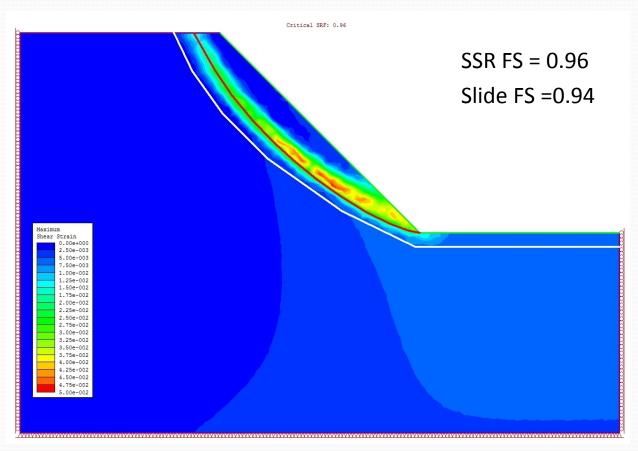
Contours of total displacement and location of yielded elements



Noncircular slip surface located inside the damaged zone

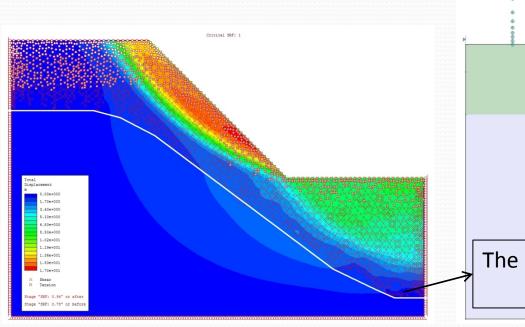


#### Plane strain - $K_0 = 0.5$

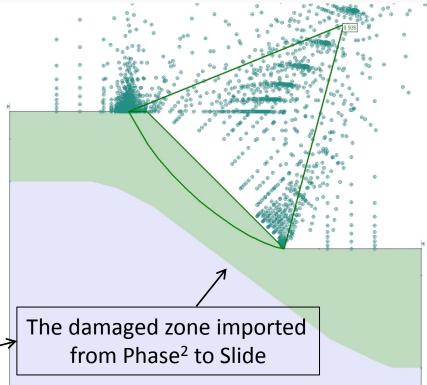




## Plane strain - $K_0 = 2.0$

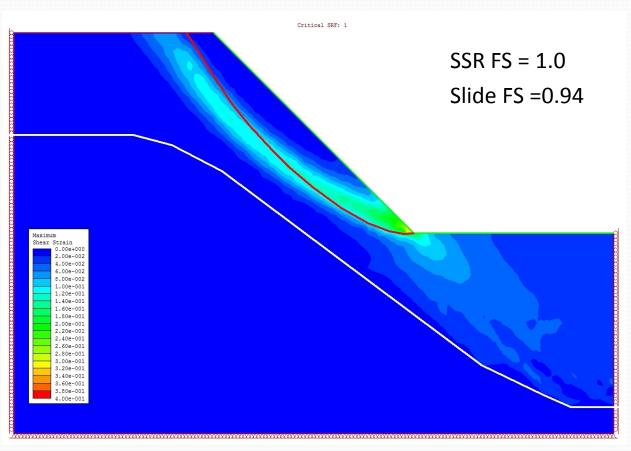


Contours of total displacement and location of yielded elements

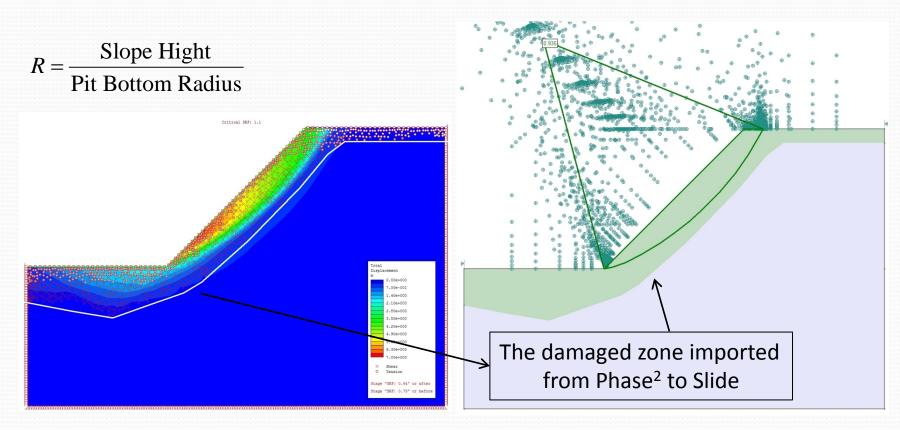




#### Plane strain - $K_0 = 2.0$

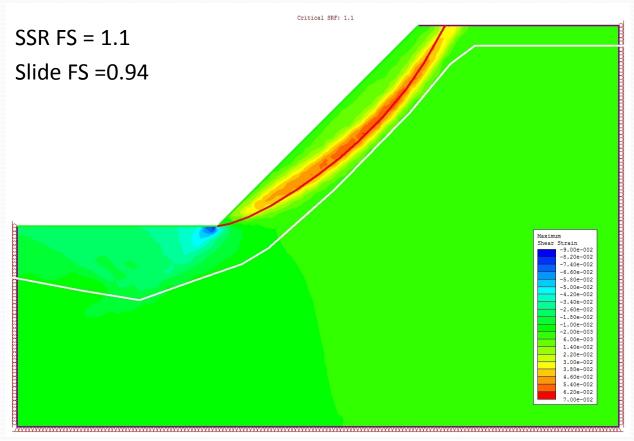




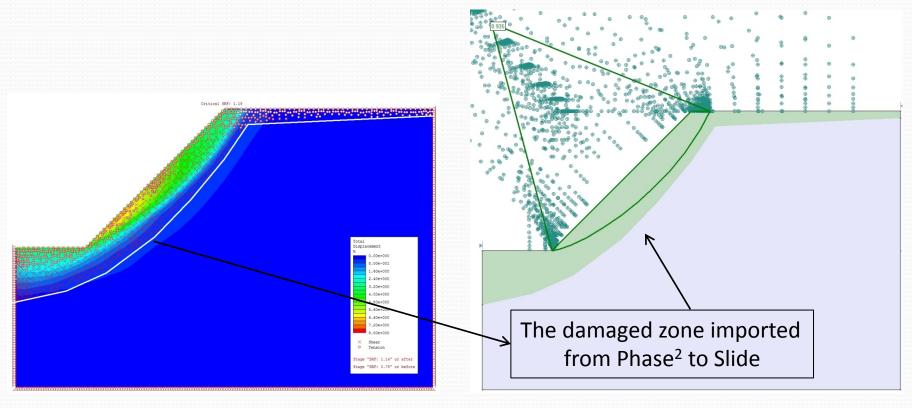


Contours of total displacement and location of yielded elements



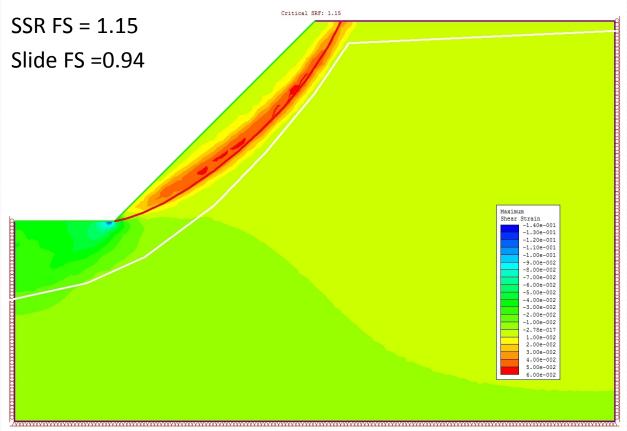




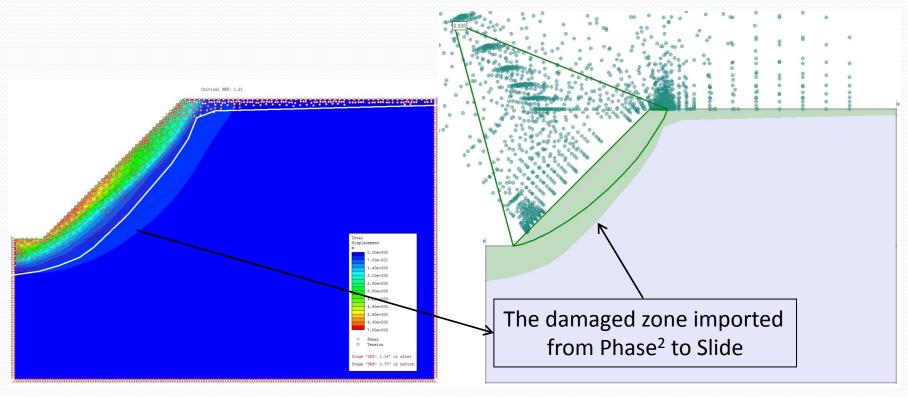


Contours of total displacement and location of yielded elements









Contours of total displacement and location of yielded elements



