As a geotechnical engineer you are requested to investigate the liquefaction potential for Rivermont Parcel site attached. Using the spreadsheet that you have been working on to estimate the potential for liquefaction for this site. Please provide a summary of your results and describe all assumptions that you have made.

Assume two cases:
(a) Water table is at a depth of 10 ft
(b) Water table is at a depth of 40 ft.