```
PART 4: TAW
Input Paramters:
    TWL- 8.7833 feet
    HS- 8.0408 feet
    PER- 13.8504 seconds
    TOE- x: -36 , z: -3.6017 feet
TOP- x: 90 , z: 21.0827 feet
GBERM- 0.90215
    GGROUGH- 0.8
    GBETA-
              1
    GPERM-
              1
RUNNING TAW:
MATLAB DIARY: /4_taw/logfiles/CM-142-DIARY.txt
CHECKING VALIDITY:
. . .
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 28.9171 feet
PART 4 COMPLETE_
```