```
PART 4: TAW
Input Paramters:
    TWL- 8.7973 feet
    HS- 7.609 feet
    PER- 9.0889 seconds
    TOE- x: -48 , z: -5.6626 feet
TOP- x: 50.5 , z: 10.8793 feet
GBERM- 0.94269
    GGROUGH- 0.8
              1
    GBETA-
    GPERM-
              1
RUNNING TAW:
MATLAB DIARY: /4_taw/logfiles/CM-139-2-DIARY.txt
CHECKING VALIDITY:
. . .
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 19.6022 feet
PART 4 COMPLETE_
```