```
_____
PART 4: TAW

Input Paramters:
     TWL- 8.8742 feet
     HS-  5.3885 feet
     PER- 7.957 seconds
     TOE- x: -44 , z: -3.5455 feet
     TOP- x: 82 , z: 25.1041 feet
     GBERM-   0.97614
     GGROUGH- 1
     GBETA-   1
     GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/CM-133-DIARY.txt

CHECKING VALIDITY:

...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 26.4216 feet

PART 4 COMPLETE_____
```