```
_____
PART 4: TAW

Input Paramters:
    TWL- 8.8547 feet
    HS-  1.1951 feet
    PER- 1.6123 seconds
    TOE- x: -12.5 , z: -1.2842 feet
    TOP- x: 16.5 , z: 14.6555 feet
    GBERM-   1
    GGROUGH- 0.8
    GBETA-   1
    GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/CM-158-2-DIARY.txt

CHECKING VALIDITY:

...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 12.0011 feet

PART 4 COMPLETE_____
```