```
_____
PART 4: TAW

Input Paramters:
    TWL- 8.7636 feet
    HS-  6.4243 feet
    PER- 15.2662 seconds
    TOE- x: -44 , z: -3.2719 feet
    TOP- x: 124 , z: 39.9758 feet
    GBERM-   0.95946
    GGROUGH- 0.8
    GBETA-   1
    GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/CM-141-DIARY.txt

CHECKING VALIDITY:

...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 27.1615 feet

PART 4 COMPLETE_____
```