```
_____
PART 4: TAW

Input Paramters:
    TWL- 9.0273 feet
    HS-  3.4318 feet
    PER- 6.9867 seconds
    TOE- x: -10.5 , z: -0.45932 feet
    TOP- x: 93 , z: 30.0361 feet
    GBERM-   1
    GGROUGH- 0.85
    GBETA-   1
    GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/YK-07-DIARY.txt

CHECKING VALIDITY:

...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 19.2929 feet

PART 4 COMPLETE_____
```