```
_____
PART 4: TAW

Input Paramters:
    TWL- 8.8306 feet
    HS-  5.1811 feet
    PER- 14.019 seconds
    TOE- x: 62 , z: 1.4764 feet
    TOP- x: 245.5 , z: 13.1562 feet
    GBERM-   0.80989
    GGROUGH- 1
    GBETA-   1
    GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/YK-92-DIARY.txt

CHECKING VALIDITY:

...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 26.3113 feet

PART 4 COMPLETE_____
```