```
_____
PART 4: TAW

Input Paramters:
    TWL- 8.8664 feet
    HS-  7.6185 feet
    PER- 13.6394 seconds
    TOE- x: -9 , z: -12.4383 feet
    TOP- x: 31 , z: 19.3657 feet
    GBERM-   0.98769
    GGROUGH- 1
    GBETA-   1
    GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/CM-150-DIARY.txt

CHECKING VALIDITY:

...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 34.4556 feet

PART 4 COMPLETE_____
```