```
_____
PART 4: TAW

Input Paramters:
    TWL- 8.8473 feet
    HS-  1.4239 feet
    PER- 3.7042 seconds
    TOE- x: 401.5 , z: 3.399 feet
    TOP- x: 992.5 , z: 16.2598 feet
    GBERM-   0.99896
    GGROUGH- 1
    GBETA-   1
    GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/CM-131-1-DIARY.txt

CHECKING VALIDITY:
...
TAW method is not valid!
Runup elevation to be calculated using another method

PART 4 COMPLETE_____
```