```
_____
PART 4: TAW

Input Paramters:
     TWL- 9.32 feet
     HS-  4.7158 feet
     PER- 11.1241 seconds
     TOE- x: -24 , z: -1.803 feet
     TOP- x: 62.5 , z: 15.6955 feet
     GBERM-   1
     GGROUGH- 0.75
     GBETA-   1
     GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/YK-100-DIARY.txt

CHECKING VALIDITY:

...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 22.383 feet

PART 4 COMPLETE_____
```