

CLIENT- FEMA
PROJECT-RUNUP2 transect: CM-158-1

** WAVE RUNUP-VERSION 2.0 **

ENGINEERED BY sjh

JOB job 2
RUN 1 PAGE 1

CROSS SECTION PROFILE

| | LENGTH | ELEV. | SLOPE | ROUGHNESS |
|----|------------|-------|----------------|-----------|
| 1 | -81.4 | -19.6 | | |
| 2 | -45.4 | -19.6 | .00 | .60 |
| 3 | -44.4 | -19.3 | 3.33 | .60 |
| 4 | -39.4 | -17.6 | 2.94 | .60 |
| 5 | -38.4 | -17.2 | 2.50 | .60 |
| 6 | -30.4 | -14.1 | 2.58 | .60 |
| 7 | -27.4 | -12.9 | 2.50 | .60 |
| 8 | -22.4 | -10.9 | 2.50 | .60 |
| 9 | -19.4 | -9.8 | 2.70 | .60 |
| 10 | -18.4 | -9.4 | 2.56 | .60 |
| 11 | -15.4 | -8.2 | 2.56 | .60 |
| 12 | -14.4 | -7.8 | 2.50 | .60 |
| 13 | -10.4 | -6.3 | 2.55 | .60 |
| 14 | -9.4 | -5.9 | 2.56 | .60 |
| 15 | -6.4 | -4.7 | 2.56 | .60 |
| 16 | -.4 | -2.3 | 2.54 | .60 |
| 17 | .6 | 4.2 | .15 | .60 |
| 18 | 6.6 | 4.5 | 26.09 | .60 |
| 19 | 13.6 | 5.0 | 12.50 | .60 |
| 20 | 24.6 | 12.0 | 1.58 | .60 |
| | LAST SLOPE | 2.00 | LAST ROUGHNESS | .60 |

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OUTPUT TABLE

| INPUT PARAMETERS | | | RUNUP RESULTS | | | |
|-------------------------------------|------------------------------------|-----------------------|--------------------------|-----------------------|-------------------------------------|---------------------------|
| ----- | | | ----- | | | |
| WATER LEVEL ABOVE DATUM (FT.) | DEEP WATER WAVE HEIGHT (FT.) | WAVE PERIOD (SEC.) | BREAKING SLOPE NUMBER | RUNUP SLOPE NUMBER | RUNUP ABOVE WATER LEVEL (FT.) | BREAKER DEPTH (FT.) |
| 8.80 | 1.04 | 2.18 | 11 | 19 | 1.17 | 1.32 |
| 8.80 | 1.04 | 2.29 | 11 | 19 | 1.18 | 1.32 |
| 8.80 | 1.04 | 2.41 | 11 | 19 | 1.19 | 1.32 |
| 8.80 | 1.10 | 2.18 | 11 | 19 | 1.24 | 1.40 |
| 8.80 | 1.10 | 2.29 | 11 | 19 | 1.25 | 1.40 |
| 8.80 | 1.10 | 2.41 | 11 | 19 | 1.26 | 1.40 |
| 8.80 | 1.15 | 2.18 | 11 | 19 | 1.30 | 1.46 |
| 8.80 | 1.15 | 2.29 | 11 | 19 | 1.31 | 1.46 |
| 8.80 | 1.15 | 2.41 | 11 | 19 | 1.32 | 1.46 |