

CLIENT- FEMA
PROJECT-RUNUP2 transect: YK-108

** WAVE RUNUP-VERSION 2.0 **

ENGINEERED BY sjh

JOB job 2
RUN 1 PAGE 1

CROSS SECTION PROFILE

| | LENGTH | ELEV. | SLOPE | ROUGHNESS |
|----|------------|-------|----------------|-----------|
| 1 | -367.0 | -6.5 | | |
| 2 | -306.0 | -4.8 | .00 | .60 |
| 3 | -220.0 | -4.0 | 107.50 | .60 |
| 4 | -137.0 | -2.3 | 47.16 | .60 |
| 5 | -62.0 | -1.3 | 73.53 | .60 |
| 6 | .0 | .0 | 49.21 | .60 |
| 7 | 1.0 | .9 | 1.11 | .60 |
| 8 | 87.5 | 1.4 | 188.04 | .60 |
| 9 | 95.0 | 2.2 | 9.49 | .60 |
| 10 | 121.0 | 2.5 | 66.67 | .60 |
| 11 | 140.5 | 3.9 | 14.77 | .60 |
| 12 | 155.0 | 4.0 | 90.63 | .60 |
| 13 | 170.5 | 5.5 | 10.76 | .60 |
| 14 | 208.5 | 6.1 | 60.32 | .60 |
| 15 | 229.5 | 6.1 | FLAT | .60 |
| 16 | 256.5 | 7.1 | 27.55 | .60 |
| 17 | 279.0 | 8.4 | 16.67 | .60 |
| 18 | 288.0 | 10.3 | 4.81 | .60 |
| 19 | 323.0 | 11.1 | 44.87 | .60 |
| 20 | 337.5 | 14.1 | 4.75 | .60 |
| | LAST SLOPE | 5.00 | 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.) |
| 9.00 | 2.62 | 10.34 | 11 | 17 | .85 | 4.90 |
| 9.00 | 2.62 | 10.88 | 11 | 17 | .83 | 5.02 |
| 9.00 | 2.62 | 11.42 | 11 | 17 | .80 | 5.14 |
| 9.00 | 2.76 | 10.34 | 11 | 17 | .75 | 5.10 |
| 9.00 | 2.76 | 10.88 | 10 | 17 | .86 | 5.22 |
| 9.00 | 2.76 | 11.42 | 9 | 17 | .89 | 6.56 |
| 9.00 | 2.90 | 10.34 | 10 | 17 | .84 | 5.30 |
| 9.00 | 2.90 | 10.88 | 9 | 17 | .84 | 6.63 |
| 9.00 | 2.90 | 11.42 | 9 | 17 | .85 | 6.80 |