****

               CROSS SECTION PROFILE

           LENGTH   ELEV.   SLOPE   ROUGHNESS

    1   -493.0   -16.9
                                .00   1.00
    2   -398.0   -16.4
                              27.14   1.00
    3   -360.0   -15.0
                              20.63   1.00
    4   -261.0   -10.2
                              25.30   1.00
    5   -163.6   -6.3
                              30.16   1.00
    6   -52.6   -2.7
                              18.93   1.00
    7   -6.6   -.2
                              27.16   1.00
    8   81.4   3.0
                              77.17   1.00
    9   116.9   3.5
                               9.04   1.00
   10   149.9   7.1
                              FLAT   1.00
   11   571.4   7.1
                             351.92   1.00
   12   662.9   7.4
                              18.35   1.00
   13   677.4   8.2
                             538.46   1.00
   14   747.4   8.3
                              20.18   1.00
   15   770.4   9.4
                             112.39   1.00
   16   892.9   10.5
                              13.91   1.00
   17   913.9   12.0
                             180.43   1.00
   18   955.4   12.3
                               7.06   1.00
   19   974.4   15.0
                              14.12   1.00
   20   992.9   16.3

               LAST SLOPE 14.00   LAST ROUGHNESS   1.00

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                              OUTPUT TABLE

               INPUT PARAMETERS   RUNUP RESULTS
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    WATER LEVEL   DEEP WATER   BREAKING SLOPE   RUNUP SLOPE   RUNUP ABOVE   BREAKER
    ABOVE DATUM   WAVE HEIGHT   WAVE PERIOD   NUMBER   NUMBER   WATER LEVEL   DEPTH
      (FT.)   (FT.)   (SEC.)   (FT.)   (FT.)