

MILL

CREEK

PROPERTY WITH DEEDS AND RECORDS ARE IN THE OFFICE OF THE COUNTY CLERK



|         | 580.  | 8.4   | 600.  | 7.8   | 700.  | 8.7   | 800. |
|---------|-------|-------|-------|-------|-------|-------|------|
| GR 10.3 | 960.  | 15.   | 580.  | 8.4   | 600.  | 7.8   | 700. |
| NC      |       |       |       |       |       |       |      |
| X1 2.2  | 17.   | .07   | .5    |       |       |       |      |
| X310.   | 288.  | 407.  | 7.9   |       |       |       |      |
| GR14.4  | 318.  | 11.7  | 288.  | 8.2   | 10.8  | 10.8  | 10.8 |
| GR2.3   | 323.  | 2.1   | 323.  | -1.2  | 294.  | 3.3   | 294. |
| GR3.4   | 372.  | 3.3   | 382.  | 3.8   | 360.  | 1.8   | 368. |
| GR11.3  | 500.  | 14.4  | 800.  | 3.8   | 400.  | 5.2   | 407. |
| GR 1.   | 1.6   | 2.9   |       | 40.   | 3.27  | -1.2  | -1.2 |
| X12.3   | 8.    | 0.    | 0.    | 75.5  | 75.5  |       |      |
| X2      | 1.    | 1.    | 9.9   | 11.7  |       |       |      |
| X310.   | 2.    | 13.   | 800.  | 144.  | 11.7  | 11.7  | 11.7 |
| BT500.  | 11.2  |       |       | 14.5  | 400.  | 11.7  | 0.   |
| X12.4   | 6.    | 9.    | 9.    | 100.  | 100.  | 100.  |      |
| GT 5.   | 850.  | 1096. | 1424. | 2473. | 1424. |       |      |
| X13.    | 17.   | 413.  | 442.  | 1285. | 1430. | 1300. |      |
| GR 17.2 | 420.  | 17.3  | 225.  | 1.8   | 402.  | .5    | 403. |
| GR 2.4  | 420.  | -1.2  | 434.  | 6.4   | 439.  | 3.8   | 455. |
| GR 5.7  | 585.  | 5.    | 580.  | 8.4   | 650.  | 7.8   | 800. |
| GR 10.3 | 900.  | 15.   | 1700. |       |       |       |      |
| GT 5.   | 447.  | 4016  | 1174. | 2856. | 1174. |       |      |
| X1 9.   | 16.   | 475.  | 504.  | 1600. | 2100. | 1800. |      |
| GR24.5  | 3.    | 24.5  | 67.   | 21.5  | 170.  | 20.   | 200. |
| GR5.5   | 340.  | 7.    | 430.  | 2.    | 475.  | 1.4   | 486. |
| GR 1.4  | 490.  | 1.    | 495.  | 6.8   | 530.  | 8.3   | 600. |
| GR25.   | 7.6.  | 24.5  | 600.  | 24.   | 900.  |       | 640. |
| X114.   | 174.  | 470.  | 500.  |       |       |       |      |
| GR21.   | 21.   | 21.   | 50.   | 14.3  | 100.  | 19.   | 200. |
| GR20.5  | 270.  | 16.   | 433.  | 5.    | 440.  | 6.    | 470. |
| GR4.    | 420.  | 7.    | 500.  | 7.    | 535.  | 21.   | 500. |
| GR25.   | 800.  | 25.   | 500.  |       |       |       |      |
| X115.1  | 19.   | 465.5 | 512.  |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 57.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR14.03 | 492.7 | 4.29  | 500.  | 9.    | 512.  | 13.   | 515. |
| NC      |       |       |       |       |       |       |      |
| X115.2  | 19.   | 462.5 | 512.5 | 45    | 500.  | 300.  |      |
| X310.   |       |       |       |       |       |       |      |
| GR27.5  | 1.    | 27.5  | 50.   | 26.7  | 100.  | 23.5  | 200. |
| GR15.   | 480.  | 14.1  | 485.5 | 9.    | 465.5 | 4.1   | 475. |
| GR      |       |       |       |       |       |       |      |



1000.8 1000.

|         |      |        |        |       |        |      |       |      |  |
|---------|------|--------|--------|-------|--------|------|-------|------|--|
| NC      | .07  | .1     | .3     | 1400  | 1550   |      |       |      |  |
| X119.   | 15.  | 490.   | 1600.  | 1400. |        |      |       |      |  |
| GR1.5   | 0.   | 100.   | 37.2   | 200.  | 34.    | 500. | 21.8  | 465. |  |
| GR21.7  | 490. | 19.    | 495.   | 21.7  | 500.   | 600. | 33.6  | 700. |  |
| GR35.9  | 800. | 43.8   | 830.   | 44.5  | 900.   |      |       |      |  |
| X120.1  | 146  | 398.25 | 402.25 | 800.  | 900.   | 385. | 26.91 | 388. |  |
| GR41.   | 0.   | 35.7   | 200.   | 33.7  | 300.   | 406. | 26.91 | 414. |  |
| GR25.   | 392. | 23.16  | 398.25 | 23.16 | 402.25 | 39.  |       |      |  |
| GR32.13 | 418. | 33.2   | 500.   | 36.8  | 700.   |      |       |      |  |

|        |       |      |       |       |      |       |       |       |  |
|--------|-------|------|-------|-------|------|-------|-------|-------|--|
| NC     | .07   | .3   | .5    | 50.   | 50.  | 29.52 | 29.52 | .02   |  |
| X120.2 | 0.    | 0.   | 50.   | 50.   |      |       |       |       |  |
| X310.  |       |      |       |       |      |       |       |       |  |
| S31.05 | 1.6   | 2.6  | 3.5   | .25   | 12.6 | 0.    | 23.16 | 23.08 |  |
| X120.3 | 0.    | 0.   | 70.   | 70.   |      |       | .08   |       |  |
| X2     | 1.    | 1.   | 26.91 | 32.13 |      |       |       |       |  |
| X310.  |       |      |       |       |      |       |       |       |  |
| B18.   | 0.    | 41.  | 200.  | 35.70 | 500. | 32.13 | 32.13 | 700.  |  |
| B1355. | 32.13 | 900. | 418.  | 32.13 |      | 300.  | 33.7  |       |  |
| B136.8 |       |      | 39.   |       |      | 33.2  |       |       |  |
| X120.4 | 0.    | 0.   | 0.    | 100   | 150  |       |       |       |  |
| EJ     |       |      |       | 800.  | 900. |       |       | .1    |  |

T1 NORTH CAROLINA FLOOD STUDIES.  
T2 MILL CREEK, CITY OF JACKSONVILLE.  
T3 50-YEAR FLOOD.  
J1 3. .0030  
J23.

T1 NORTH CAROLINA FLOOD STUDIES.  
T2 MILL CREEK, CITY OF JACKSONVILLE.  
T3 100-YEAR FLOOD.  
J1 4. .0030  
J23.

T1 NORTH CAROLINA FLOOD STUDIES.  
T2 MILL CREEK, CITY OF JACKSONVILLE.  
T3 50-YEAR FLOOD.  
J1 5. .0030  
J215.  
\*\* BLANK CARD \*\*  
\*\* BLANK CARD \*\*  
\*\* BLANK CARD \*\*

ER  
SUMMARY OF ERRORS

T1 NORTH CAROLINA FLOOD. INSURANCE STUDY TC 3380-12 G. BORBOA  
T2 MILL CREEK, CITY OF JACKSONVILLE  
T3 10 YEAR FLOOD

|       |                            |     |                              |
|-------|----------------------------|-----|------------------------------|
| 2.100 | - NOTE - X1 CARD - XLOBL = | -0. | REACH LENGTH OMITTED         |
| 2.106 | - NOTE - X1 CARD - XLOBR = | -0. | REACH LENGTH OMITTED         |
| 2.100 | - ERROR - X1 CARD - XLCH = | -0. | CHANNEL REACH LENGTH OMITTED |
| 2.200 | - NOTE - X1 CARD - XLOBL = | -0. | REACH LENGTH OMITTED         |
| 2.200 | - NOTE - X1 CARD - XLOBR = | -0. | REACH LENGTH OMITTED         |



|    |         |         |          |          |          |          |          |         |         |         |
|----|---------|---------|----------|----------|----------|----------|----------|---------|---------|---------|
| SB | 1,000   | 1,600   | 2,900    | -0-      | 40,000   | 1,000    | 824,000  | 3,270   | -1,200  | -1,200  |
| X1 | 2,300   | 0       | 0        | 0        | 75,500   | 75,500   | 75,500   | -0-     | -0-     | -0-     |
| X2 | -0-     | -0-     | 9,900    | -0-      | 11,700   | -0-      | -0-      | -0-     | -0-     | -0-     |
| X3 | 19,000  | -0-     | -0-      | -0-      | -0-      | -0-      | -0-      | 11,700  | 11,700  | -0-     |
| BT | 5,000   | 0       | 13,000   | -0-      | 144,000  | 11,700   | 0        | 400,000 | 11,700  | -0-     |
| BT | 500,000 | 11,900  | -0-      | 800,000  | 14,500   | -0-      | -0-      | -0-     | -0-     | -0-     |
| NC | -0-     | -0-     | 950      | 100      | 300      | -0-      | -0-      | -0-     | -0-     | -0-     |
| X1 | 2,400   | 0       | 0        | 0        | 100,000  | 100,000  | 100,000  | -0-     | -0-     | -0-     |
| ET | -0-     | -0-     | -0-      | -0-      | -0-      | 1,400    | -0-      | -0-     | -0-     | -0-     |
| UT | 5,000   | 550,000 | 1096,000 | 1424,000 | 2470,000 | 1424,000 | -0-      | -0-     | -0-     | -0-     |
| X1 | 3,999   | 17,000  | 400,000  | 442,000  | 510,000  | 510,000  | 510,000  | -0-     | -0-     | -0-     |
| GR | 17,200  | -0-     | 17,300   | 225,000  | 1,400    | 400,000  | 500      | 402,000 | -5500   | 403,000 |
| GR | -24,200 | 420,000 | -1,200   | 434,000  | 400      | 439,000  | 3,800    | 442,000 | 5,700   | 455,000 |
| GR | 5,700   | 555,000 | 8,000    | 580,000  | -8,400   | 600,000  | -7,800   | 700,000 | -8,700  | 800,000 |
| GR | 10,350  | 990,000 | 15,000   | 1000,000 | -0-      | -0-      | -0-      | -0-     | -0-     | -0-     |
| BT | 5,000   | 433,000 | 969,000  | 1262,000 | 2202,000 | 1262,000 | -0-      | -0-     | -0-     | -0-     |
| X1 | 9,000   | 13,000  | 475,000  | 500,000  | 2150,000 | 2280,000 | 2280,000 | -0-     | -0-     | -0-     |
| GR | 24,500  | 0       | 24,500   | 50,000   | 21,500   | 100,000  | 20,000   | 200,000 | 21,500  | 235,000 |
| GR | 5,500   | 300,000 | 7,000    | 400,000  | 2,000    | 475,000  | 1,000    | 485,000 | -1,500  | 486,000 |
| GR | -1,400  | 490,000 | 1,000    | 495,000  | 6,800    | 500,000  | -8,300   | 600,000 | 19,200  | 640,000 |
| GR | 25,000  | 700,000 | 24,500   | 800,000  | 24,000   | 900,000  | -0-      | -0-     | -0-     | -0-     |
| X1 | 14,000  | 17,000  | 470,000  | 500,000  | 1670,000 | 1670,000 | 1670,000 | -0-     | -0-     | -0-     |
| GR | 21,000  | 0       | 21,000   | 50,000   | 19,300   | 100,000  | 19,000   | 200,000 | 18,900  | 300,000 |
| GR | 20,500  | 370,000 | 16,000   | 400,000  | 5,000    | 440,000  | 6,000    | 470,000 | 1,500   | 475,000 |
| GR | 4,800   | 490,000 | 7,000    | 500,000  | 9,000    | 525,000  | 21,000   | 600,000 | 22,500  | 700,000 |
| GR | 23,000  | 800,000 | 25,000   | 900,000  | -0-      | -0-      | -0-      | -0-     | -0-     | -0-     |
| X1 | 15,100  | 19,000  | 465,500  | 512,000  | 450,000  | 450,000  | 450,000  | -0-     | -0-     | -0-     |
| GR | 27,500  | 0       | 27,500   | 50,000   | 26,700   | 100,000  | 23,500   | 200,000 | 18,500  | 300,000 |
| GR | 15,000  | 430,000 | 14,100   | 455,500  | 9,000    | 465,500  | 4,100    | 475,000 | 4,070   | 485,500 |
| GR | 4,000   | 492,700 | 4,290    | 500,000  | 9,000    | 512,000  | 13,000   | 515,000 | 14,100  | 530,000 |
| GR | 15,300  | 600,000 | 19,000   | 700,000  | 24,000   | 600,000  | 28,000   | 900,000 | -0-     | -0-     |
| NC | -0-     | -0-     | 950      | 300      | 500      | -0-      | -0-      | -0-     | -0-     | -0-     |
| X1 | 15,200  | 19,000  | 462,500  | 502,500  | 300,000  | 300,000  | 300,000  | -0-     | -0-     | -0-     |
| X3 | 10,000  | -0-     | -0-      | -0-      | -0-      | -0-      | -0-      | 11,600  | 11,600  | -0-     |
| GR | 27,500  | 0       | 27,500   | 50,000   | 26,700   | 100,000  | 23,500   | 200,000 | 18,500  | 300,000 |
| GR | 15,000  | 400,000 | 14,100   | 455,500  | 9,000    | 465,500  | 4,500    | 475,000 | 4,000   | 482,500 |
| GR | 4,000   | 512,500 | 4,500    | 505,000  | 9,000    | 512,000  | 13,000   | 520,000 | 14,100  | 530,000 |
| GR | 15,300  | 600,000 | 19,000   | 700,000  | 24,000   | 800,000  | 28,000   | 900,000 | -0-     | -0-     |
| SB | 1,050   | 1,600   | 2,600    | -0-      | 9,000    | 1,000    | 55,000   | 600     | 4,000   | 4,000   |
| X1 | 15,300  | 0       | 0        | 0        | 83,000   | 83,000   | 83,000   | -0-     | -0-     | -0-     |
| X2 | -0-     | -0-     | 1,000    | 9,000    | 14,100   | -0-      | -0-      | -0-     | -0-     | -0-     |
| X3 | 16,000  | -0-     | -0-      | -0-      | -0-      | -0-      | -0-      | 14,100  | 14,100  | -0-     |
| BT | 10,000  | 0       | 27,500   | -0-      | 50,000   | 27,500   | -0-      | 100,000 | 26,700  | -0-     |
| BT | 200,000 | 23,500  | 600,000  | 430,000  | 15,000   | -0-      | 455,500  | 14,100  | -0-     | 530,000 |
| BT | 14,100  | -0-     | -0-      | 15,300   | -0-      | 800,000  | 24,000   | -0-     | 900,000 | 28,000  |
| BT | -0-     | -0-     | -0-      | -0-      | -0-      | -0-      | -0-      | -0-     | -0-     | -0-     |

Section 750

Handwritten scribbles and marks









THIS RUN EXECUTED 23 MAR 82 13:57:57

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORK - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 MILL CREEK  
 T2 OLSLOW COUNTY  
 T5 50-YEAR FLOOD

|    | ICHECK | INO   | INRV   | IDIR  | STRT   | METRIC | HVINS  | Q   | VSEL  | FG     |
|----|--------|-------|--------|-------|--------|--------|--------|-----|-------|--------|
| J1 | -0.    | 3.    | -0.    | -0.   | 002000 | -6.    | -0.    | -0. | 2.500 | -0.    |
| J2 | NPROF  | IFLOT | PRFVS  | XSECV | XSECH  | FN     | ALLDC  | IBV | CHNIM | ITRACE |
|    | 2.000  | -0.   | -1.000 | -0.   | -0.    | -0.    | -1.000 | -0. | -0.   | -0.    |

THIS RUN EXECUTED 23 MAR 82 13:57:57

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARCH 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 HILL CREEK  
 T2 OLSLOW COUNTY  
 T3 100 YEAR FLOOD

|    | ICHECK | INQ   | NINV   | IOIR  | STR7    | METRIC | HVINS  | Q   | WSEL  | FG     |
|----|--------|-------|--------|-------|---------|--------|--------|-----|-------|--------|
| J1 | -0.    | 4.    | -0.    | -0.   | .602000 | -0.    | -0.    | -0. | 2.500 | -0.    |
| J2 | NPROF  | IPLOT | PRFVS  | XSECV | XSECH   | FN     | ALLDC  | IBU | CHNIM | ITRACE |
|    | 3.000  | -0.   | -1.300 | -0.   | -0.     | -0.    | -1.000 | -0. | -0.   | -0.    |

THIS RUN EXECUTED 23 MAR 82 13:57:58

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

T1 WILL CHECK  
 T2 OLSLOW COUNTY  
 T3 50-YEAR FLOOD\*

|    | ICHECK | INQ | INQ | NINV | IOIR | STRT    | METRIC | HVINS | O | VSEL  | FO  |
|----|--------|-----|-----|------|------|---------|--------|-------|---|-------|-----|
| J1 | -0.    | 5.  |     | -0.  | -0.  | 0.02000 | -0.    | -0.   |   | 2.500 | -0. |

|    | NPROF  | INLOT | PRFVS  | XSECV | XSECH | FB  | ALLDC  | IBV | CHNIM | ITRACE |
|----|--------|-------|--------|-------|-------|-----|--------|-----|-------|--------|
| J2 | 15.000 | -0.   | -1.000 | -0.   | -0.   | -0. | -1.000 | -0. | -0.   | -0.    |

THIS RUN EXECUTED 23 MAR 82 13.57.58

HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
ERROR CORR - 01.02.03.04.05  
MODIFICATION - 50.51.52.53.54.55

NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

A1 FLOOD

SUMMARY PRINTOUT TABLE 150

| SECNO | YLCH    | ELTRO | ELLC | ELMIN | Q       | CNSEL | CRISM | EG    | 10K*S | VCH  | AREA    | 003M   |
|-------|---------|-------|------|-------|---------|-------|-------|-------|-------|------|---------|--------|
| 1.000 | 0.      | 0.    | 0.   | -4.50 | 562.00  | .57   | -1.65 | .69   | 20.01 | 2.83 | 198.29  | 125.63 |
| 1.000 | 0.      | 0.    | 0.   | -4.50 | 1118.00 | 2.80  | -.57  | 2.87  | 20.00 | 2.13 | 524.66  | 251.02 |
| 1.000 | 0.      | 0.    | 0.   | -4.50 | 1451.00 | 3.15  | -.13  | 3.24  | 19.99 | 2.37 | 615.06  | 324.52 |
| 1.000 | 0.      | 0.    | 0.   | -4.50 | 2515.00 | 4.08  | 2.03  | 4.22  | 20.07 | 2.95 | 863.00  | 561.04 |
| 2.100 | 1700.00 | 0.    | 0.   | -2.40 | 562.00  | 3.42  | .53   | 3.56  | 14.58 | 2.97 | 202.13  | 147.16 |
| 2.100 | 1700.00 | 0.    | 0.   | -2.40 | 1118.00 | 5.56  | 1.67  | 5.77  | 14.54 | 3.82 | 366.89  | 293.18 |
| 2.100 | 1700.00 | 0.    | 0.   | -2.40 | 1451.00 | 6.16  | 2.24  | 6.44  | 17.30 | 4.41 | 474.23  | 348.84 |
| 2.100 | 1700.00 | 0.    | 0.   | -2.40 | 2515.00 | 7.53  | 3.85  | 7.96  | 23.40 | 5.77 | 782.60  | 519.90 |
| 2.200 | 100.00  | 0.    | 0.   | -1.20 | 562.00  | 3.66  | .79   | 3.75  | 19.89 | 2.41 | 233.17  | 126.03 |
| 2.200 | 100.00  | 0.    | 0.   | -1.20 | 1118.00 | 5.83  | 1.87  | 5.93  | 10.24 | 2.50 | 446.97  | 349.43 |
| 2.200 | 100.00  | 0.    | 0.   | -1.20 | 1451.00 | 6.49  | 2.58  | 6.62  | 11.06 | 2.82 | 514.46  | 436.24 |
| 2.200 | 100.00  | 0.    | 0.   | -1.20 | 2515.00 | 7.08  | 3.97  | 8.20  | 14.59 | 3.76 | 669.40  | 658.38 |
| 2.300 | 75.50   | 11.70 | 9.90 | -1.20 | 562.00  | 3.66  | 0.    | 3.75  | 19.85 | 2.41 | 233.35  | 126.14 |
| 2.300 | 75.50   | 11.70 | 9.90 | -1.20 | 1118.00 | 5.83  | 0.    | 5.93  | 10.23 | 2.50 | 447.13  | 349.63 |
| 2.300 | 75.50   | 11.70 | 9.90 | -1.20 | 1451.00 | 6.50  | 0.    | 6.62  | 11.05 | 2.82 | 514.66  | 436.51 |
| 2.300 | 75.50   | 11.70 | 9.90 | -1.20 | 2515.00 | 7.99  | 0.    | 8.21  | 14.57 | 3.75 | 669.78  | 658.95 |
| 2.400 | 100.00  | 0.    | 0.   | -1.20 | 562.00  | 3.85  | .79   | 3.93  | 16.12 | 2.23 | 252.25  | 139.96 |
| 2.400 | 100.00  | 0.    | 0.   | -1.20 | 1118.00 | 5.93  | 1.87  | 6.03  | 9.51  | 2.44 | 457.46  | 362.49 |
| 2.400 | 100.00  | 0.    | 0.   | -1.20 | 1451.00 | 6.61  | 2.58  | 6.73  | 10.32 | 2.76 | 525.98  | 491.70 |
| 2.400 | 100.00  | 0.    | 0.   | -1.20 | 2515.00 | 8.14  | 3.99  | 8.35  | 13.57 | 3.67 | 685.19  | 682.64 |
| 3.000 | 510.00  | 0.    | 0.   | -2.40 | 550.00  | 4.36  | .50   | 4.44  | 7.32  | 2.37 | 263.97  | 203.31 |
| 3.000 | 510.00  | 0.    | 0.   | -2.40 | 1096.00 | 6.36  | 1.63  | 6.51  | 8.73  | 3.20 | 517.72  | 370.87 |
| 3.000 | 510.00  | 0.    | 0.   | -2.40 | 1424.00 | 7.08  | 2.19  | 7.25  | 9.68  | 3.58 | 676.86  | 457.77 |
| 3.000 | 510.00  | 0.    | 0.   | -2.40 | 2470.00 | 8.76  | 3.80  | 8.99  | 11.43 | 4.41 | 1220.01 | 730.57 |
| 9.000 | 2280.00 | 0.    | 0.   | -1.50 | 483.00  | 6.44  | 3.06  | 6.53  | 11.61 | 2.77 | 311.40  | 141.76 |
| 9.000 | 2280.00 | 0.    | 0.   | -1.50 | 969.00  | 8.40  | 4.47  | 8.48  | 8.75  | 2.93 | 793.22  | 327.58 |
| 9.000 | 2280.00 | 0.    | 0.   | -1.50 | 1262.00 | 9.17  | 5.22  | 9.25  | 8.15  | 3.03 | 1035.91 | 442.16 |
| 9.000 | 2280.00 | 0.    | 0.   | -1.50 | 2212.00 | 11.00 | 7.06  | 11.08 | 7.78  | 3.39 | 1627.63 | 789.65 |

| SECNO  | XLCH    | ELTRD | ELLC  | ELMIN | O       | CUSEL | CRUS  | EG    | 10K*S  | VCH  | AREA    | OLK    |
|--------|---------|-------|-------|-------|---------|-------|-------|-------|--------|------|---------|--------|
| 14.000 | 1670.00 | 0.    | 0.    | 1.50  | 483.00  | 8.45  | 5.68  | 8.54  | 12.49  | 2.77 | 267.16  | 136.69 |
| 14.000 | 1670.00 | 0.    | 0.    | 1.50  | 969.00  | 10.22 | 6.91  | 10.36 | 13.56  | 3.58 | 463.63  | 263.12 |
| 14.000 | 1670.00 | 0.    | 0.    | 1.50  | 1262.00 | 10.99 | 7.41  | 11.16 | 14.40  | 3.98 | 559.11  | 332.59 |
| 14.000 | 1670.00 | 0.    | 0.    | 1.50  | 2202.00 | 12.90 | 8.74  | 13.16 | 16.51  | 4.99 | 820.23  | 541.88 |
| 15.100 | 450.00  | 0.    | 0.    | 4.03  | 483.00  | 9.06  | 6.23  | 9.17  | 15.13  | 2.73 | 176.70  | 124.19 |
| 15.100 | 450.00  | 0.    | 0.    | 4.03  | 969.00  | 10.85 | 7.36  | 11.06 | 16.71  | 3.72 | 264.76  | 237.08 |
| 15.100 | 450.00  | 0.    | 0.    | 4.03  | 1262.00 | 11.65 | 7.92  | 11.92 | 18.11  | 4.23 | 306.61  | 296.55 |
| 15.100 | 450.00  | 0.    | 0.    | 4.03  | 2202.00 | 13.61 | 9.35  | 14.10 | 22.17  | 5.60 | 419.95  | 467.69 |
| 15.200 | 300.00  | 0.    | 0.    | 4.16  | 483.00  | 9.53  | 6.78  | 9.85  | 24.32  | 4.50 | 107.44  | 97.94  |
| 15.200 | 300.00  | 0.    | 0.    | 4.16  | 969.00  | 11.35 | 8.32  | 12.06 | 37.02  | 6.74 | 143.82  | 152.25 |
| 15.200 | 300.00  | 0.    | 0.    | 4.16  | 1262.00 | 12.20 | 9.12  | 12.59 | 22.92  | 5.71 | 346.89  | 263.58 |
| 15.200 | 300.00  | 0.    | 0.    | 4.16  | 2202.00 | 14.30 | 11.84 | 14.95 | 29.59  | 7.57 | 482.97  | 404.79 |
| 15.300 | 83.00   | 14.13 | 9.00  | 4.29  | 483.00  | 11.26 | 0.    | 11.45 | 10.20  | 3.46 | 139.44  | 151.24 |
| 15.300 | 83.00   | 14.13 | 9.00  | 4.29  | 969.00  | 14.98 | 0.    | 15.08 | 4.66   | 3.11 | 544.30  | 488.84 |
| 15.300 | 83.00   | 14.13 | 9.00  | 4.29  | 1262.00 | 15.38 | 0.    | 15.54 | 6.75   | 3.84 | 613.11  | 485.83 |
| 15.300 | 83.00   | 14.13 | 9.00  | 4.29  | 2202.00 | 16.16 | 0.    | 16.53 | 14.83  | 5.96 | 783.25  | 571.77 |
| 15.400 | 100.00  | 0.    | 0.    | 4.37  | 483.00  | 11.49 | 6.57  | 11.54 | 3.47   | 1.76 | 280.54  | 259.13 |
| 15.400 | 100.00  | 0.    | 0.    | 4.37  | 969.00  | 15.06 | 7.70  | 15.13 | 2.77   | 2.15 | 523.56  | 582.32 |
| 15.400 | 100.00  | 0.    | 0.    | 4.37  | 1262.00 | 15.51 | 8.26  | 15.61 | 3.93   | 2.64 | 601.43  | 636.24 |
| 15.400 | 100.00  | 0.    | 0.    | 4.37  | 2202.00 | 16.44 | 9.69  | 16.67 | 8.14   | 4.04 | 813.21  | 771.72 |
| 16.100 | 980.00  | 0.    | 0.    | 8.30  | 400.00  | 13.34 | 11.96 | 14.21 | 175.47 | 7.50 | 53.96   | 30.20  |
| 16.100 | 980.00  | 0.    | 0.    | 8.30  | 812.00  | 16.24 | 15.41 | 16.71 | 77.60  | 6.50 | 270.59  | 92.18  |
| 16.100 | 980.00  | 0.    | 0.    | 8.30  | 1061.00 | 16.72 | 16.05 | 17.21 | 83.61  | 7.03 | 354.85  | 116.34 |
| 16.100 | 980.00  | 0.    | 0.    | 8.30  | 1867.00 | 18.82 | 17.07 | 19.01 | 37.33  | 5.49 | 940.85  | 305.59 |
| 16.200 | 100.00  | 0.    | 0.    | 8.30  | 400.00  | 14.89 | 11.97 | 15.38 | 75.29  | 5.62 | 71.20   | 46.10  |
| 16.200 | 100.00  | 0.    | 0.    | 8.30  | 812.00  | 16.87 | 14.06 | 18.03 | 123.20 | 8.64 | 93.94   | 73.16  |
| 16.200 | 100.00  | 0.    | 0.    | 8.30  | 1061.00 | 17.60 | 17.15 | 17.80 | 36.93  | 5.01 | 546.26  | 174.60 |
| 16.200 | 100.00  | 0.    | 0.    | 8.30  | 1867.00 | 19.21 | 17.15 | 19.34 | 26.59  | 4.75 | 1111.81 | 362.08 |
| 16.300 | 100.00  | 14.50 | 14.50 | 8.30  | 400.00  | 15.19 | 0.    | 15.63 | 64.43  | 5.36 | 74.61   | 49.83  |
| 16.300 | 100.00  | 14.50 | 14.50 | 8.30  | 812.00  | 18.58 | 0.    | 18.75 | 12.90  | 3.20 | 657.85  | 226.36 |
| 16.300 | 100.00  | 14.50 | 14.50 | 8.30  | 1061.00 | 19.06 | 0.    | 19.15 | 15.52  | 3.59 | 793.15  | 269.33 |
| 16.300 | 100.00  | 14.50 | 14.50 | 8.30  | 1867.00 | 19.79 | 0.    | 19.86 | 16.00  | 3.82 | 1407.81 | 466.74 |
| 16.400 | 100.00  | 0.    | 0.    | 8.30  | 400.00  | 15.93 | 11.96 | 16.09 | 25.55  | 3.63 | 222.48  | 79.14  |
| 16.400 | 100.00  | 0.    | 0.    | 8.30  | 812.00  | 18.82 | 15.41 | 18.86 | 7.12   | 2.40 | 936.65  | 304.21 |
| 16.400 | 100.00  | 0.    | 0.    | 8.30  | 1061.00 | 19.23 | 16.00 | 19.27 | 8.41   | 2.68 | 1122.70 | 365.76 |
| 16.400 | 100.00  | 0.    | 0.    | 8.30  | 1867.00 | 19.95 | 17.18 | 20.01 | 13.95  | 3.60 | 1494.85 | 499.69 |
| 16.100 | 470.00  | 0.    | 0.    | 10.23 | 240.00  | 17.09 | 13.50 | 17.25 | 25.12  | 3.43 | 118.00  | 47.90  |
| 16.100 | 470.00  | 0.    | 0.    | 10.23 | 500.00  | 19.28 | 15.51 | 19.38 | 15.55  | 3.43 | 355.16  | 122.91 |
| 16.100 | 470.00  | 0.    | 0.    | 10.23 | 660.00  | 19.76 | 17.05 | 19.89 | 19.60  | 3.88 | 430.03  | 149.09 |
| 16.100 | 470.00  | 0.    | 0.    | 10.23 | 1165.00 | 20.77 | 16.48 | 20.96 | 29.97  | 5.16 | 610.42  | 216.48 |

| SECNO  | XLCH   | ELTRD | ELLC  | ELMIN | Q       | CMSEL | CRIMS | EG    | 10K*S  | VCH   | AREA    | 00IK   |
|--------|--------|-------|-------|-------|---------|-------|-------|-------|--------|-------|---------|--------|
| 18.200 | 50.00  | 0.    | 0.    | 10.23 | 240.00  | 17.19 | 13.51 | 17.44 | 32.33  | 3.94  | 60.89   | 42.021 |
| 18.201 | 50.00  | 0.    | 0.    | 10.23 | 500.00  | 19.37 | 15.36 | 19.47 | 15.31  | 3.32  | 369.34  | 127.78 |
| 18.202 | 50.00  | 0.    | 0.    | 10.23 | 660.00  | 19.87 | 16.21 | 19.99 | 17.97  | 3.75  | 448.38  | 155.68 |
| 18.203 | 50.00  | 0.    | 0.    | 10.23 | 1185.00 | 20.94 | 19.05 | 21.11 | 26.62  | 4.92  | 644.17  | 229.70 |
| 18.300 | 77.50  | 21.96 | 15.23 | 10.23 | 240.00  | 17.93 | 0.    | 18.12 | 22.12  | 3.52  | 68.24   | 51.03  |
| 18.301 | 77.50  | 21.96 | 15.23 | 10.23 | 500.00  | 22.37 | 0.    | 22.40 | 3.86   | 2.06  | 583.62  | 253.68 |
| 18.302 | 77.50  | 21.96 | 15.23 | 10.23 | 660.00  | 22.74 | 0.    | 22.76 | 2.49   | 1.69  | 1091.59 | 417.84 |
| 18.303 | 77.50  | 21.96 | 15.23 | 10.23 | 1185.00 | 23.37 | 0.    | 23.40 | 5.43   | 2.58  | 1309.91 | 508.31 |
| 18.400 | 139.00 | 0.    | 0.    | 10.28 | 240.00  | 18.23 | 13.55 | 18.29 | 9.57   | 2.37  | 216.59  | 77.59  |
| 18.401 | 139.00 | 0.    | 0.    | 10.28 | 500.00  | 22.42 | 15.65 | 22.43 | 1.84   | 1.42  | 974.44  | 368.97 |
| 18.402 | 139.00 | 0.    | 0.    | 10.28 | 660.00  | 22.77 | 17.10 | 22.79 | 2.55   | 1.70  | 1080.85 | 413.43 |
| 18.403 | 139.00 | 0.    | 0.    | 10.28 | 1185.00 | 23.42 | 18.47 | 23.45 | 5.42   | 2.57  | 1311.60 | 509.02 |
| 19.000 | 139.00 | 0.    | 0.    | 19.00 | 170.00  | 23.20 | 22.51 | 23.34 | 46.42  | 3.74  | 100.41  | 24.95  |
| 19.001 | 139.00 | 0.    | 0.    | 19.00 | 260.00  | 24.32 | 22.85 | 24.39 | 19.82  | 3.05  | 215.38  | 58.41  |
| 19.002 | 139.00 | 0.    | 0.    | 19.00 | 345.00  | 24.76 | 23.19 | 24.84 | 20.16  | 3.30  | 272.69  | 76.84  |
| 19.003 | 139.00 | 0.    | 0.    | 19.00 | 645.00  | 25.86 | 23.91 | 25.96 | 22.26  | 4.02  | 442.82  | 136.71 |
| 21.100 | 139.00 | 0.    | 0.    | 23.16 | 170.00  | 27.47 | 25.90 | 27.59 | 22.79  | 3.28  | 89.22   | 35.61  |
| 21.101 | 139.00 | 0.    | 0.    | 23.16 | 260.00  | 27.92 | 26.37 | 28.12 | 33.35  | 4.29  | 106.89  | 45.12  |
| 21.102 | 139.00 | 0.    | 0.    | 23.16 | 345.00  | 28.40 | 26.74 | 28.73 | 35.03  | 4.79  | 130.40  | 58.29  |
| 21.103 | 139.00 | 0.    | 0.    | 23.16 | 645.00  | 29.91 | 27.79 | 30.29 | 41.90  | 6.26  | 197.22  | 99.64  |
| 21.200 | 139.00 | 0.    | 0.    | 23.16 | 170.00  | 28.17 | 28.17 | 30.68 | 538.97 | 12.71 | 13.38   | 7.32   |
| 21.201 | 139.00 | 0.    | 0.    | 23.16 | 260.00  | 28.83 | 28.83 | 28.89 | 27.49  | 3.12  | 153.46  | 49.59  |
| 21.202 | 139.00 | 0.    | 0.    | 23.16 | 345.00  | 29.06 | 28.85 | 29.15 | 40.38  | 3.88  | 163.77  | 54.29  |
| 21.203 | 139.00 | 0.    | 0.    | 23.16 | 645.00  | 30.67 | 28.87 | 30.81 | 46.75  | 4.90  | 244.61  | 94.33  |
| 21.300 | 50.00  | 31.83 | 25.83 | 23.16 | 170.00  | 32.41 | 0.    | 32.41 | 1.17   | .89   | 406.88  | 157.41 |
| 21.301 | 50.00  | 31.83 | 25.83 | 23.16 | 260.00  | 32.64 | 0.    | 32.64 | 2.32   | 1.28  | 452.80  | 170.81 |
| 21.302 | 50.00  | 31.83 | 25.83 | 23.16 | 345.00  | 32.80 | 0.    | 32.81 | 3.62   | 1.61  | 488.28  | 181.23 |
| 21.303 | 50.00  | 31.83 | 25.83 | 23.16 | 645.00  | 33.25 | 0.    | 33.27 | 9.16   | 2.64  | 594.37  | 213.14 |
| 21.400 | 50.00  | 0.    | 0.    | 23.16 | 170.00  | 32.41 | 25.91 | 32.42 | .68    | 1.01  | 404.44  | 205.88 |
| 21.401 | 50.00  | 0.    | 0.    | 23.16 | 260.00  | 32.64 | 26.37 | 32.66 | 1.37   | 1.45  | 455.93  | 221.98 |
| 21.402 | 50.00  | 0.    | 0.    | 23.16 | 345.00  | 32.81 | 26.74 | 32.83 | 2.16   | 1.84  | 497.34  | 234.86 |
| 21.403 | 50.00  | 0.    | 0.    | 23.16 | 645.00  | 33.26 | 27.79 | 33.33 | 5.50   | 3.04  | 625.85  | 274.91 |
| 21.500 | 350.00 | 0.    | 0.    | 23.16 | 170.00  | 32.44 | 25.87 | 32.46 | 1.72   | 1.72  | 230.06  | 129.53 |
| 21.501 | 350.00 | 0.    | 0.    | 23.16 | 260.00  | 32.70 | 26.49 | 32.75 | 3.56   | 2.52  | 253.95  | 137.60 |
| 21.502 | 350.00 | 0.    | 0.    | 23.16 | 345.00  | 32.91 | 27.04 | 32.98 | 5.65   | 3.23  | 278.75  | 145.08 |
| 21.503 | 350.00 | 0.    | 0.    | 23.16 | 645.00  | 33.52 | 28.32 | 33.68 | 13.85  | 5.26  | 383.71  | 173.30 |
| 21.600 | 50.00  | 0.    | 0.    | 23.18 | 170.00  | 32.45 | 26.99 | 32.47 | 1.73   | 1.73  | 225.02  | 129.11 |
| 21.601 | 50.00  | 0.    | 0.    | 23.18 | 260.00  | 32.72 | 28.24 | 32.76 | 3.57   | 2.53  | 253.15  | 137.55 |
| 21.602 | 50.00  | 0.    | 0.    | 23.18 | 345.00  | 32.94 | 29.58 | 33.00 | 5.65   | 3.23  | 278.82  | 145.10 |
| 21.603 | 50.00  | 0.    | 0.    | 23.18 | 645.00  | 33.59 | 29.53 | 33.75 | 13.33  | 5.18  | 396.17  | 176.66 |



| SECNO  | XLCH   | ELTRD | ELLC  | ELMIN | 0      | CUSEL | CRIMS | EG    | 10K*S | VCH  | AREA   | 001K   |
|--------|--------|-------|-------|-------|--------|-------|-------|-------|-------|------|--------|--------|
| 20.301 | 70.00  | 32.13 | 26.91 | 23.26 | 170.00 | 32.87 | 0.    | 32.89 | 1.46  | 1.63 | 262.96 | 140.54 |
| 20.302 | 70.00  | 32.13 | 26.91 | 23.26 | 260.00 | 33.11 | 0.    | 33.15 | 3.05  | 2.38 | 292.97 | 148.99 |
| 20.303 | 70.00  | 32.13 | 26.91 | 23.26 | 345.00 | 33.27 | 0.    | 33.33 | 4.91  | 3.06 | 318.49 | 155.74 |
| 20.304 | 70.00  | 32.13 | 26.91 | 23.26 | 645.00 | 33.71 | 0.    | 33.86 | 13.01 | 5.12 | 404.23 | 178.84 |
| 20.400 | 100.00 | 0.    | 0.    | 23.26 | 170.00 | 32.89 | 25.96 | 32.91 | 1.46  | 1.62 | 263.82 | 140.79 |
| 20.401 | 100.00 | 0.    | 0.    | 23.26 | 260.00 | 33.14 | 26.59 | 33.18 | 2.99  | 2.37 | 297.94 | 150.32 |
| 20.402 | 100.00 | 0.    | 0.    | 23.26 | 345.00 | 33.32 | 27.14 | 33.38 | 4.76  | 3.02 | 327.60 | 158.15 |
| 20.403 | 100.00 | 0.    | 0.    | 23.26 | 645.00 | 33.86 | 28.37 | 33.99 | 11.85 | 4.93 | 435.20 | 187.39 |

AR FLOOD

SUMMARY PRINTOUT TABLE 150

| SECNO | Q       | CWSEL | OIFWSP | OIFWSX | OIFKVS | TOPWID | XLCH    |
|-------|---------|-------|--------|--------|--------|--------|---------|
| 1000  | 562.00  | .57   | 0.     | 0.     | -1.93  | 62.17  | 0.      |
| 1000  | 1118.00 | 2.80  | 2.24   | 0.     | .30    | 258.46 | 0.      |
| 1000  | 1451.00 | 3.15  | .35    | 0.     | .65    | 261.74 | 0.      |
| 1000  | 2515.00 | 4.08  | .93    | 0.     | 1.58   | 270.53 | 0.      |
| 2000  | 562.00  | 3.42  | 0.     | 2.86   | 0.     | 60.03  | 1700.00 |
| 2000  | 1118.00 | 5.56  | 2.13   | 2.75   | 0.     | 96.44  | 1700.00 |
| 2000  | 1451.00 | 6.16  | .60    | 3.01   | 0.     | 209.17 | 1700.00 |
| 2000  | 2515.00 | 7.53  | 1.37   | 3.45   | 0.     | 239.62 | 1700.00 |
| 2200  | 562.00  | 3.66  | 0.     | .23    | 0.     | 92.83  | 100.00  |
| 2200  | 1118.00 | 5.83  | 2.17   | .27    | 0.     | 100.83 | 100.00  |
| 2200  | 1451.00 | 6.49  | .66    | .34    | 0.     | 102.28 | 100.00  |
| 2200  | 2515.00 | 7.98  | 1.49   | .45    | 0.     | 105.53 | 100.00  |
| 2300  | 562.00  | 3.66  | 0.     | .00    | 0.     | 92.88  | 75.50   |
| 2300  | 1118.00 | 5.83  | 2.17   | .00    | 0.     | 100.84 | 75.50   |
| 2300  | 1451.00 | 6.50  | .65    | .00    | 0.     | 102.29 | 75.50   |
| 2300  | 2515.00 | 7.99  | 1.49   | .00    | 0.     | 105.54 | 75.50   |
| 2400  | 562.00  | 3.85  | 0.     | .19    | 0.     | 96.53  | 100.00  |
| 2400  | 1118.00 | 5.93  | 2.08   | .10    | 0.     | 101.06 | 100.00  |
| 2400  | 1451.00 | 6.61  | .67    | .11    | 0.     | 102.53 | 100.00  |
| 2400  | 2515.00 | 8.14  | 1.53   | .15    | 0.     | 105.86 | 100.00  |
| 3000  | 550.00  | 4.36  | 0.     | .51    | 0.     | 74.62  | 510.00  |
| 3000  | 1030.00 | 6.36  | 2.01   | .43    | 0.     | 213.73 | 510.00  |
| 3000  | 1424.00 | 7.00  | .72    | .47    | 0.     | 229.64 | 510.00  |
| 3000  | 2470.00 | 8.75  | 1.68   | .62    | 0.     | 482.51 | 510.00  |
| 9000  | 483.00  | 6.44  | 0.     | 2.08   | 0.     | 157.06 | 2280.00 |
| 9000  | 969.00  | 8.40  | 1.96   | 2.04   | 0.     | 312.17 | 2280.00 |
| 9000  | 1262.00 | 9.17  | .77    | 2.09   | 0.     | 318.13 | 2280.00 |
| 9000  | 2232.00 | 11.90 | 1.82   | 2.24   | 0.     | 332.20 | 2280.00 |
| 14000 | 483.00  | 8.45  | 0.     | 2.01   | 0.     | 97.95  | 1670.00 |
| 14000 | 969.00  | 10.22 | 1.77   | 1.82   | 0.     | 120.53 | 1670.00 |
| 14000 | 1262.00 | 10.99 | .77    | 1.81   | 0.     | 127.50 | 1670.00 |
| 14000 | 2232.00 | 12.93 | 1.92   | 1.91   | 0.     | 144.86 | 1670.00 |
| 15000 | 483.00  | 9.06  | 0.     | .63    | 0.     | 46.65  | 450.00  |
| 15000 | 969.00  | 10.85 | 1.79   | .63    | 0.     | 51.51  | 450.00  |
| 15000 | 1262.00 | 11.65 | .80    | .66    | 0.     | 53.67  | 450.00  |
| 15000 | 2232.00 | 13.61 | 1.97   | .71    | 0.     | 66.92  | 450.00  |

| SECNO  | G       | CHSEL | DIFWSP | DIFWGX | DIFKNS | TOPWID | XLCH   |
|--------|---------|-------|--------|--------|--------|--------|--------|
| 15:200 | 483.00  | 9.53  | 0.     | .48    | 0.     | 20.00  | 300.00 |
| 15:209 | 969.00  | 11.35 | 1.82   | .50    | 0.     | 20.00  | 300.00 |
| 15:200 | 1262.00 | 12.22 | .85    | .56    | 0.     | 58.76  | 300.00 |
| 15:200 | 2292.00 | 14.30 | 2.10   | .68    | 0.     | 79.17  | 300.00 |
| 15:300 | 483.00  | 11.26 | 0.     | 1.73   | 0.     | 20.00  | 83.00  |
| 15:309 | 969.00  | 14.98 | 3.71   | 3.63   | 0.     | 149.87 | 83.00  |
| 15:300 | 1262.00 | 15.38 | .41    | 3.18   | 0.     | 190.64 | 83.00  |
| 15:309 | 2292.00 | 16.16 | .78    | 1.86   | 0.     | 240.50 | 83.00  |
| 15:400 | 483.00  | 11.49 | 0.     | .23    | 0.     | 52.34  | 100.00 |
| 15:409 | 969.00  | 15.06 | 3.57   | .08    | 0.     | 148.90 | 100.00 |
| 15:400 | 1262.00 | 15.51 | .45    | .12    | 0.     | 196.91 | 100.00 |
| 15:409 | 2292.00 | 16.44 | .93    | .28    | 0.     | 253.04 | 100.00 |
| 16:100 | 400.00  | 13.34 | 0.     | 1.84   | 0.     | 11.34  | 980.00 |
| 16:109 | 812.00  | 16.24 | 2.90   | 1.18   | 0.     | 162.67 | 980.00 |
| 16:100 | 1061.00 | 16.72 | .46    | 1.21   | 0.     | 190.97 | 980.00 |
| 16:109 | 1667.00 | 18.82 | 2.10   | 2.36   | 0.     | 424.78 | 980.00 |
| 16:200 | 400.00  | 14.89 | 0.     | 1.55   | 0.     | 11.50  | 100.00 |
| 16:209 | 812.00  | 16.87 | 1.98   | .63    | 0.     | 11.59  | 100.00 |
| 16:200 | 1061.00 | 17.60 | .73    | .88    | 0.     | 243.31 | 100.00 |
| 16:209 | 1667.00 | 19.21 | 1.61   | .38    | 0.     | 482.66 | 100.00 |
| 16:300 | 400.00  | 15.19 | 0.     | .30    | 0.     | 11.50  | 104.00 |
| 16:309 | 812.00  | 18.68 | 3.49   | 1.80   | 0.     | 325.10 | 104.00 |
| 16:300 | 1061.00 | 19.06 | .38    | 1.46   | 0.     | 379.94 | 104.00 |
| 16:309 | 1667.00 | 19.79 | .73    | .58    | 0.     | 535.32 | 104.00 |
| 16:400 | 400.00  | 15.93 | 0.     | .74    | 0.     | 144.04 | 100.00 |
| 16:409 | 812.00  | 18.82 | 2.89   | .15    | 0.     | 423.25 | 100.00 |
| 16:400 | 1061.00 | 19.23 | .41    | .17    | 0.     | 484.96 | 100.00 |
| 16:409 | 1667.00 | 19.95 | .72    | .16    | 0.     | 540.00 | 100.00 |
| 18:100 | 240.00  | 17.09 | 0.     | 1.16   | 0.     | 72.40  | 470.00 |
| 18:109 | 500.00  | 19.28 | 2.10   | .46    | 0.     | 145.35 | 470.00 |
| 18:100 | 660.00  | 19.76 | .49    | .53    | 0.     | 161.69 | 470.00 |
| 18:109 | 1185.00 | 20.77 | 1.01   | .82    | 0.     | 195.52 | 470.00 |
| 18:200 | 240.00  | 17.19 | 0.     | .18    | 0.     | 10.00  | 50.00  |
| 18:209 | 500.00  | 19.37 | 2.17   | .09    | 0.     | 149.58 | 50.00  |
| 18:200 | 660.00  | 19.87 | .58    | .11    | 0.     | 165.44 | 50.00  |
| 18:209 | 1185.00 | 20.94 | 1.07   | .17    | 0.     | 201.21 | 50.00  |
| 18:300 | 240.00  | 17.93 | 0.     | .73    | 0.     | 10.00  | 77.50  |
| 18:309 | 500.00  | 22.37 | 4.44   | 3.03   | 0.     | 142.02 | 77.50  |
| 18:300 | 660.00  | 22.74 | .38    | 2.67   | 0.     | 326.63 | 77.50  |
| 18:309 | 1185.00 | 23.37 | .62    | 2.43   | 0.     | 379.26 | 77.50  |

| SECNO | 0       | CWSEL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH    |
|-------|---------|-------|--------|--------|--------|--------|---------|
| 18400 | 240.00  | 18423 | 0.     | .30    | 0.     | 108.84 | 100.00  |
| 18400 | 500.00  | 22442 | 4.19   | .05    | 0.     | 284.69 | 100.00  |
| 18400 | 660.00  | 22777 | .35    | .03    | 0.     | 323.01 | 100.00  |
| 18400 | 1185.00 | 23442 | .65    | .05    | 0.     | 379.57 | 100.00  |
| 19000 | 170.00  | 23420 | 0.     | 4.97   | 0.     | 83.90  | 1800.00 |
| 19000 | 260.00  | 24332 | 1.12   | 1.90   | 0.     | 121.44 | 1600.00 |
| 19000 | 345.00  | 24776 | .44    | 1.99   | 0.     | 136.34 | 1800.00 |
| 19000 | 645.00  | 25666 | 1.10   | 2.44   | 0.     | 173.20 | 1800.00 |
| 21000 | 170.00  | 27447 | 0.     | 4.27   | 0.     | 38.20  | 1390.00 |
| 21000 | 260.00  | 27492 | .45    | 3.61   | 0.     | 40.45  | 1390.00 |
| 21000 | 345.00  | 28448 | .56    | 3.72   | 0.     | 43.26  | 1390.00 |
| 21000 | 645.00  | 29491 | 1.42   | 4.05   | 0.     | 50.39  | 1390.00 |
| 21200 | 170.00  | 28417 | 0.     | .70    | 0.     | 2.67   | 100.00  |
| 21200 | 260.00  | 28483 | .66    | .91    | 0.     | 45.92  | 100.00  |
| 21200 | 345.00  | 29406 | .23    | .58    | 0.     | 46.15  | 100.00  |
| 21200 | 645.00  | 30467 | 1.61   | .77    | 0.     | 54.20  | 100.00  |
| 21300 | 170.00  | 32441 | 0.     | 4.24   | 0.     | 189.46 | 60.00   |
| 21300 | 260.00  | 32464 | .23    | 3.80   | 0.     | 209.25 | 60.00   |
| 21300 | 345.00  | 32481 | .17    | 3.74   | 0.     | 223.22 | 60.00   |
| 21300 | 645.00  | 33425 | .44    | 2.57   | 0.     | 260.58 | 60.00   |
| 21400 | 170.00  | 32441 | 0.     | .00    | 0.     | 209.40 | 50.00   |
| 21400 | 260.00  | 32464 | .23    | .00    | 0.     | 237.05 | 50.00   |
| 21400 | 345.00  | 32481 | .17    | .01    | 0.     | 257.14 | 50.00   |
| 21400 | 645.00  | 33426 | .45    | .01    | 0.     | 311.34 | 50.00   |
| 21500 | 170.00  | 32444 | 0.     | .02    | 0.     | 73.71  | 350.00  |
| 21500 | 260.00  | 32471 | .26    | .06    | 0.     | 108.09 | 350.00  |
| 21500 | 345.00  | 32491 | .20    | .10    | 0.     | 134.79 | 350.00  |
| 21500 | 645.00  | 33452 | .61    | .26    | 0.     | 207.58 | 350.00  |
| 21600 | 170.00  | 32445 | 0.     | .01    | 0.     | 71.84  | 50.00   |
| 21600 | 250.00  | 32472 | .27    | .02    | 0.     | 107.11 | 50.00   |
| 21600 | 345.00  | 32494 | .22    | .03    | 0.     | 134.85 | 50.00   |
| 21600 | 645.00  | 33459 | .66    | .08    | 0.     | 214.06 | 50.00   |
| 21700 | 170.00  | 32487 | 0.     | .43    | 0.     | 118.49 | 70.00   |
| 21700 | 260.00  | 33111 | .23    | .39    | 0.     | 147.95 | 70.00   |
| 21700 | 345.00  | 33427 | .16    | .33    | 0.     | 169.00 | 70.00   |
| 21700 | 645.00  | 33471 | .44    | .12    | 0.     | 218.15 | 70.00   |
| 21800 | 170.00  | 32489 | 0.     | .01    | 0.     | 119.43 | 100.00  |
| 21800 | 260.00  | 33114 | .25    | .01    | 0.     | 152.28 | 100.00  |
| 21800 | 345.00  | 33432 | .14    | .05    | 0.     | 175.43 | 100.00  |
| 21800 | 645.00  | 33486 | .53    | .14    | 0.     | 233.00 | 100.00  |













THIS RUN EXECUTED 24 MAR 82 11.01.26

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR = 01.02,03,04,05  
 MODIFICATION = 50,51,52,53,54,55  
 \*\*\*\*\*

T1 MILL CREEK  
 T2 OLSLOW COUNTY  
 T3 FLOODWAY

| J1 | ICHECK | INO | IPLOT | MINV | IDIR | STRT | METRIC | HVINS | Q | WSEL  | FO  |
|----|--------|-----|-------|------|------|------|--------|-------|---|-------|-----|
|    | -0.    | 6.  |       | -0.  | -0.  |      | -0.    | -0.   |   | 4.150 | -0. |

| J2 | NPROF | 15,000 | IPLOT | PRFVS  | XSECV | XSECH | FN  | ALDC   | ISU | CHNIM | ITRACE |
|----|-------|--------|-------|--------|-------|-------|-----|--------|-----|-------|--------|
|    |       |        |       | -1.000 | -0.   |       | -0. | -1.000 | -0. | -0.   | -0.    |

IHLQ = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

THIS RUN EXECUTED 24 MAR 82 11:01:26

\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED MARC 1982  
 ERROR CORR - 01,02,03,04,05  
 MODIFICATION - 50,51,52,53,54,55  
 \*\*\*\*\*

NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

FLOOD

SUMMARY PRINTOUT TABLE 119

| SECCNO | CWSEL | DIFKMS | EG    | TOPWID | QLOB   | OCH     | QROB   | PERENC | STENCL | STCHL  | STCHR  | STENCR |
|--------|-------|--------|-------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| 1*000  | 3*15  | 0*     | 3*24  | 261*72 | 0*47   | 1450*34 | 0*19   | 0*     | 0*     | 365*00 | 620*00 | 0*     |
| 1*000  | 4*15  | 1*00   | 4*19  | 255*00 | 0*     | 1451*00 | 0*00   | 0*00   | 365*00 | 365*00 | 620*00 | 620*00 |
| 2*100  | 6*16  | 0*     | 6*44  | 289*19 | 92*58  | 1332*01 | 26*02  | 0*     | 0*     | 400*00 | 442*00 | 0*     |
| 2*110  | 6*09  | 0*06   | 6*46  | 42*00  | 0*     | 1451*00 | 0*00   | 0*15   | 400*00 | 400*00 | 442*00 | 442*00 |
| 2*200  | 6*49  | 0*     | 6*62  | 102*28 | 0*     | 1451*00 | 0*00   | 0*     | 0*     | 288*00 | 407*00 | 0*     |
| 2*200  | 6*56  | 0*07   | 6*68  | 102*43 | 0*     | 1451*00 | 0*00   | 0*00   | 288*00 | 288*00 | 407*00 | 407*00 |
| 2*300  | 6*50  | 0*     | 6*62  | 102*29 | 0*     | 1451*00 | 0*00   | 0*     | 0*     | 288*00 | 407*00 | 0*     |
| 2*300  | 7*50  | 1*00   | 7*58  | 104*47 | 0*     | 1451*00 | 0*00   | 0*00   | 0*00   | 288*00 | 407*00 | 0*     |
| 2*400  | 6*61  | 0*     | 6*73  | 142*53 | 0*     | 1451*00 | 0*00   | 0*00   | 0*00   | 288*00 | 407*00 | 0*     |
| 2*400  | 7*56  | 0*95   | 7*64  | 104*60 | 0*     | 1451*00 | 0*00   | 0*00   | 288*00 | 288*00 | 407*00 | 407*00 |
| 3*000  | 7*08  | 0*     | 7*25  | 229*65 | 115*50 | 1218*92 | 89*50  | 0*     | 0*     | 400*00 | 442*00 | 0*     |
| 3*000  | 7*05  | 0*77   | 7*99  | 158*41 | 106*55 | 1199*78 | 117*67 | 0*03   | 0*74   | 400*00 | 442*00 | 533*28 |
| 9*000  | 9*17  | 0*     | 9*25  | 318*13 | 571*30 | 611*15  | 79*54  | 0*     | 0*     | 475*00 | 500*00 | 0*     |
| 9*000  | 9*59  | 0*42   | 9*68  | 189*56 | 582*22 | 662*47  | 17*31  | 0*13   | 321*24 | 475*00 | 500*00 | 510*80 |
| 14*000 | 10*09 | 0*     | 11*16 | 127*50 | 302*22 | 853*31  | 106*47 | 0*     | 0*     | 470*00 | 500*00 | 0*     |
| 14*000 | 11*37 | 0*39   | 11*57 | 77*04  | 280*47 | 925*26  | 56*27  | 0*11   | 437*07 | 470*00 | 500*00 | 514*11 |
| 15*100 | 11*65 | 0*     | 11*42 | 53*67  | 4*03   | 1256*78 | 1*19   | 0*     | 0*     | 465*50 | 512*00 | 0*     |
| 15*100 | 12*00 | 0*40   | 12*30 | 46*50  | 0*     | 1262*00 | 0*     | 0*01   | 465*50 | 465*50 | 512*00 | 512*00 |
| 15*200 | 12*20 | 0*     | 12*59 | 58*76  | 231*91 | 919*05  | 111*04 | 0*     | 0*     | 482*50 | 502*50 | 0*     |
| 15*200 | 12*56 | 0*35   | 13*00 | 38*49  | 200*56 | 996*62  | 64*81  | 0*09   | 468*98 | 482*50 | 502*50 | 507*47 |
| 15*300 | 15*38 | 0*     | 15*54 | 190*64 | 261*43 | 852*08  | 148*49 | 0*     | 0*     | 482*50 | 502*50 | 0*     |
| 15*300 | 15*74 | 0*35   | 15*91 | 49*02  | 250*06 | 894*10  | 117*84 | 0*08   | 463*07 | 482*50 | 502*50 | 512*00 |

| SECHNO | CVSEL | DIFRVS | EG    | TOPID  | GLOB   | QCH     | OROB   | PERENC | STENCL | STCHL  | STCHR  | STENCR |
|--------|-------|--------|-------|--------|--------|---------|--------|--------|--------|--------|--------|--------|
| 15400  | 15.51 | 0.     | 15.61 | 196.91 | 25.47  | 1217.35 | 19.19  | 0.     | 0.     | 465.50 | 512.00 | 0.     |
| 15401  | 15.88 | .38    | 15.99 | 46.50  | 0.     | 1262.00 | 0.     | .05    | 465.50 | 465.50 | 512.00 | 512.00 |
| 16100  | 16.72 | 0.     | 17.21 | 190.97 | 291.61 | 648.53  | 170.86 | 0.     | 0.     | 638.50 | 650.00 | 0.     |
| 16101  | 17.74 | 1.02   | 17.92 | 251.60 | 359.81 | 494.56  | 206.63 | 0.     | 0.     | 638.50 | 650.00 | 0.     |
| 16200  | 17.60 | 0.     | 17.80 | 243.31 | 345.30 | 512.83  | 202.87 | 0.     | 0.     | 638.50 | 650.00 | 0.     |
| 16201  | 18.95 | .45    | 18.39 | 79.85  | 368.99 | 634.22  | 57.79  | .33    | 578.64 | 638.50 | 650.00 | 658.49 |
| 16300  | 19.06 | 0.     | 19.15 | 379.94 | 632.92 | 428.08  | 0.     | 0.     | 0.     | 638.50 | 650.00 | 0.     |
| 16301  | 19.51 | .45    | 19.63 | 92.70  | 584.70 | 476.30  | 0.     | .46    | 557.30 | 638.50 | 650.00 | 650.00 |
| 16400  | 19.23 | 0.     | 19.27 | 484.96 | 520.96 | 324.04  | 216.00 | 0.     | 0.     | 638.50 | 650.00 | 0.     |
| 16401  | 19.73 | .50    | 19.79 | 161.19 | 611.52 | 392.18  | 57.30  | .32    | 499.20 | 638.50 | 650.00 | 660.40 |
| 18100  | 19.76 | 0.     | 19.89 | 161.69 | 179.18 | 335.69  | 145.13 | 0.     | 0.     | 390.00 | 400.00 | 0.     |
| 18101  | 20.33 | .57    | 20.54 | 47.83  | 152.91 | 411.04  | 96.05  | .29    | 366.88 | 390.00 | 400.00 | 414.71 |
| 18200  | 19.87 | 0.     | 19.99 | 165.44 | 183.17 | 328.46  | 148.37 | 0.     | 0.     | 390.00 | 400.00 | 0.     |
| 18201  | 20.47 | .60    | 20.66 | 49.82  | 158.75 | 400.12  | 101.14 | .28    | 365.78 | 390.00 | 400.00 | 415.60 |
| 18300  | 22.74 | 0.     | 22.76 | 326.63 | 247.37 | 196.52  | 216.12 | 0.     | 0.     | 390.00 | 400.00 | 0.     |
| 18301  | 23.34 | .60    | 23.37 | 103.82 | 222.45 | 227.33  | 210.22 | .25    | 343.41 | 390.00 | 400.00 | 447.23 |
| 18400  | 22.77 | 0.     | 22.79 | 323.01 | 247.09 | 197.68  | 215.23 | 0.     | 0.     | 390.00 | 400.00 | 0.     |
| 18401  | 23.37 | .60    | 23.40 | 102.60 | 222.05 | 229.10  | 208.85 | .25    | 343.60 | 390.00 | 400.00 | 446.49 |
| 19000  | 24.76 | 0.     | 24.84 | 136.34 | 130.22 | 145.51  | 69.27  | 0.     | 0.     | 490.00 | 500.00 | 0.     |
| 19001  | 25.41 | .65    | 25.53 | 45.93  | 124.39 | 184.71  | 35.89  | .32    | 463.81 | 490.00 | 500.00 | 509.74 |
| 21100  | 28.40 | 0.     | 28.73 | 43.26  | 61.12  | 222.75  | 61.12  | 0.     | 0.     | 345.00 | 355.00 | 0.     |
| 21101  | 29.15 | .66    | 29.51 | 21.00  | 31.99  | 281.03  | 31.98  | .25    | 339.50 | 345.00 | 355.00 | 360.50 |
| 21200  | 29.76 | 0.     | 29.15 | 46.15  | 141.90 | 61.11   | 141.99 | 0.     | 0.     | 448.66 | 451.33 | 0.     |
| 21201  | 29.83 | .77    | 29.92 | 29.23  | 139.09 | 66.71   | 139.20 | .23    | 435.38 | 448.66 | 451.33 | 464.62 |
| 21300  | 32.80 | 0.     | 32.81 | 223.22 | 152.67 | 41.55   | 150.77 | 0.     | 0.     | 448.66 | 451.33 | 0.     |
| 21301  | 33.57 | .77    | 33.59 | 46.65  | 154.30 | 46.47   | 144.23 | .23    | 425.07 | 448.66 | 451.33 | 471.72 |
| 21400  | 32.81 | 0.     | 32.83 | 257.14 | 88.76  | 165.43  | 90.80  | 0.     | 0.     | 405.00 | 415.00 | 0.     |
| 21401  | 33.58 | .77    | 33.61 | 42.32  | 72.97  | 188.17  | 83.85  | .22    | 390.70 | 405.00 | 415.00 | 433.02 |
| 20100  | 32.91 | 0.     | 32.98 | 154.79 | 102.20 | 125.77  | 117.03 | 0.     | 0.     | 398.25 | 402.25 | 0.     |
| 20101  | 33.67 | .76    | 33.75 | 20.92  | 86.73  | 136.17  | 122.10 | .19    | 388.79 | 398.25 | 402.25 | 415.71 |
| 20200  | 32.94 | 0.     | 33.00 | 124.85 | 102.20 | 125.76  | 117.04 | 0.     | 0.     | 398.25 | 402.25 | 0.     |
| 20201  | 33.70 | .76    | 33.77 | 26.85  | 86.54  | 136.31  | 122.16 | .19    | 388.84 | 398.25 | 402.25 | 415.69 |
| 20300  | 33.27 | 0.     | 33.33 | 169.00 | 103.30 | 123.45  | 119.25 | 0.     | 0.     | 398.25 | 402.25 | 0.     |
| 20301  | 34.03 | .76    | 34.10 | 28.15  | 88.49  | 133.88  | 122.62 | .20    | 388.24 | 398.25 | 402.25 | 416.39 |

| SECNO | CWSEL | DIFKWS | EG    | TOPNID | QLOB   | GCH    | OROB   | PERENC | STENCL | STCHL  | STCHR  | STENGR |
|-------|-------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 20400 | 33.32 | 0.     | 33.38 | 175.42 | 103.52 | 121.64 | 119.83 | 0.     | 0.     | 398.25 | 402.25 | 0.     |
| 20401 | 34.08 | .78    | 34.15 | 28.47  | 89.03  | 133.34 | 122.63 | .21    | 388.09 | 398.25 | 402.25 | 416.55 |

FLOODWAY DATA, FLOOD  
PROFILE NO. 2

| STATION | FLOODWAY |              | MEAN     |            | WATER SURFACE ELEVATION |                  |
|---------|----------|--------------|----------|------------|-------------------------|------------------|
|         | WIDTH    | SECTION AREA | VELOCITY | DIFFERENCE | WITH FLOODWAY           | WITHOUT FLOODWAY |
| 1.000   | 255.     | 867.         | 1.7      | 1.0        | 4.2                     | 3.2              |
| 2.100   | 42.      | 299.         | 4.9      | 0.         | 6.2                     | 6.2              |
| 2.200   | 182.     | 522.         | 2.8      | .1         | 6.6                     | 6.5              |
| 2.300   | 104.     | 618.         | 2.3      | 1.0        | 7.5                     | 6.5              |
| 2.400   | 105.     | 624.         | 2.3      | 1.0        | 7.6                     | 6.6              |
| 3.000   | 150.     | 786.         | 2.0      | .8         | 7.9                     | 7.1              |
| 3.100   | 191.     | 873.         | 1.4      | .4         | 9.6                     | 9.2              |
| 14.000  | 77.      | 476.         | 2.7      | .4         | 11.4                    | 11.0             |
| 15.100  | 47.      | 316.         | 4.0      | .4         | 12.8                    | 11.6             |
| 15.200  | 38.      | 366.         | 4.1      | .4         | 12.6                    | 12.2             |
| 15.300  | 49.      | 501.         | 2.5      | .4         | 15.8                    | 15.4             |
| 15.400  | 47.      | 478.         | 2.6      | .4         | 15.9                    | 15.5             |
| 16.100  | 232.     | 581.         | 1.8      | 1.0        | 17.7                    | 16.7             |
| 16.200  | 87.      | 347.         | 3.1      | .4         | 18.7                    | 17.6             |
| 16.300  | 93.      | 496.         | 2.1      | .4         | 19.5                    | 19.1             |
| 16.400  | 161.     | 772.         | 1.4      | .5         | 19.7                    | 19.2             |
| 18.100  | 48.      | 264.         | 2.5      | .6         | 20.4                    | 19.8             |
| 16.200  | 51.      | 278.         | 2.4      | .6         | 20.5                    | 19.9             |
| 18.300  | 184.     | 751.         | .9       | .6         | 23.3                    | 22.7             |
| 18.400  | 183.     | 742.         | .9       | .6         | 23.4                    | 22.8             |
| 19.000  | 46.      | 183.         | 1.9      | .6         | 25.4                    | 24.8             |
| 21.100  | 21.      | 131.         | 3.4      | .7         | 29.2                    | 28.5             |
| 21.200  | 29.      | 158.         | 2.2      | .8         | 29.9                    | 29.1             |
| 21.300  | 47.      | 373.         | .9       | .8         | 33.6                    | 32.8             |
| 21.400  | 42.      | 345.         | 1.0      | .8         | 33.6                    | 32.8             |
| 20.100  | 27.      | 240.         | 1.4      | .8         | 33.7                    | 32.9             |
| 23.000  | 27.      | 239.         | 1.4      | .8         | 33.7                    | 32.9             |
| 20.300  | 26.      | 253.         | 1.4      | .8         | 34.1                    | 33.3             |
| 21.400  | 26.      | 256.         | 1.3      | .8         | 34.1                    | 33.3             |