

TAR RIVER

021003out313

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*****
* WATER SURFACE PROFILES *
* VERSION OF NOVEMBER 1976 *
* UPDATED MAY 1984 *
* IBM-PC-XT VERSION AUGUST 1985 *
* RUN DATE 03-13-89 TIME 12:17:35 *
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* U.S. ARMY CORPS OF ENGINEERS *
* THE HYDROLOGIC ENGINEERING CENTER *
* 609 SECOND STREET, SUITE D *
* DAVIS, CALIFORNIA 95616 *
* (916) 440-2105 (FTS) 448-2105 *
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X X XXXXXX XXXX XXXX
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03-13-89 12:17:36

PAGE 1

THIS RUN EXECUTED 03-13-89

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*****
HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
ERROR CORR - 01,02,03,04,05,06
MODIFICATION - 50,51,52,53,54,55,56
IBM-PC-XT VERSION AUGUST 1985
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VANCE COUNTY, NC

T1 Vance County, NC  
T2 100-YEAR FLOOD, January, 1989 (USGS)  
T3 TAR RIVER (Distance\_x\_10 = Distance\_Above\_Mouth)

- TAR RIVER
- TABBS CREEK

| J1 | ICHECK | IND | NINV | IDIR | STRT    | METRIC | IVINS | Q  | WSEL    | FD   |
|----|--------|-----|------|------|---------|--------|-------|----|---------|------|
|    | 0.     | 2.  | 0.   | 0.   | .000568 | .00    | .0    | 0. | 218.616 | .000 |

| J2 | NPRGF  | IPLT | PRFVS  | XSECV | XSECH | FN   | ALLDC | IBW  | CHNIM | ITRACE |
|----|--------|------|--------|-------|-------|------|-------|------|-------|--------|
|    | -1.000 | .000 | -1.000 | .000  | .000  | .000 | .000  | .000 | .000  | .000   |

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

|        |        |        |       |         |       |       |        |        |        |
|--------|--------|--------|-------|---------|-------|-------|--------|--------|--------|
| 3B.000 | 43.000 | 42.000 | 1.000 | 3.000   | 8.000 | 5.000 | 14.000 | 26.000 | 10.000 |
| 11.000 | 40.000 | 25.000 | .000  | 200.000 | .000  | .000  | .000   | .000   | .000   |

|    |           |           |         |         |         |         |         |         |         |         |
|----|-----------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|
| NC | .045      | .045      | .035    | .100    | .300    | .000    | .000    | .000    | .000    | .000    |
| QT | 1.000     | 29049.800 | .000    | .000    | .000    | .000    | .000    | .000    | .000    | .000    |
| X1 | 80112.000 | 20.000    | 310.450 | 424.430 | .000    | .000    | .000    | .000    | .000    | .000    |
| GR | 214.370   | .000      | 210.840 | 82.510  | 209.340 | 127.910 | 211.130 | 193.440 | 216.780 | 310.450 |

216

|    |           |           |         |         |           |           |           |         |         |         |
|----|-----------|-----------|---------|---------|-----------|-----------|-----------|---------|---------|---------|
| SR | 212.310   | 312.020   | 205.750 | 322.490 | 201.880   | 327.330   | 203.620   | 329.310 | 200.990 | 346.700 |
| GR | 203.550   | 375.170   | 204.620 | 400.460 | 216.120   | 424.430   | 216.230   | 429.610 | 213.980 | 439.300 |
| GR | 216.570   | 487.330   | 213.940 | 578.860 | 213.460   | 633.230   | 214.480   | 681.890 | 216.080 | 723.040 |
|    |           |           |         |         | LOB       | ROB       | CIAN      |         |         |         |
| X1 | 80114.000 | .000      | .000    | .000    | 20.000    | 20.000    | 20.000    | .000    | .000    | .000    |
| X1 | 80115.000 | .000      | .000    | .000    | 12.000    | 12.000    | 12.000    | .000    | .000    | .000    |
| NC | .000      | .000      | .000    | .300    | .500      | .000      | .000      | .000    | .000    | .000    |
| BT | 1.000     | 28310.500 | .000    | .000    | .000      | .000      | .000      | .000    | .000    | .000    |
| X1 | 81395.000 | 24.000    | 111.104 | 683.615 | 12785.000 | 12880.000 | 12930.000 | .000    | .000    | .000    |
| GR | 299.910   | .000      | 299.120 | 96.466  | 297.850   | 111.104   | 296.648   | 116.322 | 278.353 | 153.604 |
| GR | 240.310   | 235.961   | 236.855 | 249.979 | 236.553   | 251.104   | 236.036   | 304.152 | 217.994 | 338.100 |
| GR | 217.350   | 347.404   | 215.765 | 369.802 | 209.147   | 374.734   | 207.665   | 375.754 | 201.865 | 395.754 |
| GR | 203.970   | 415.754   | 209.453 | 442.704 | 218.522   | 458.292   | 218.041   | 507.508 | 228.753 | 537.604 |
| GR | 236.720   | 550.384   | 278.853 | 636.260 | 298.179   | 683.615   | 299.330   | 825.264 | .000    | .000    |

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|   |    |           |           |          |          |          |          |           |          |         |          |
|---|----|-----------|-----------|----------|----------|----------|----------|-----------|----------|---------|----------|
| A | X1 | 81396.000 | .000      | .000     | .000     | 10.000   | 10.000   | 10.000    | .000     | .000    | .000     |
|   | X3 | 10.000    | .000      | .000     | .000     | .000     | .000     | .000      | 298.500  | 298.500 | .000     |
|   | SB | 1.050     | 1.600     | 2.700    | .900     | 45.000   | 36.000   | 29733.000 | 3.138    | 204.000 | 204.000  |
|   | X1 | 81398.000 | .000      | .000     | .000     | 20.000   | 20.000   | 20.000    | .000     | .000    | .000     |
|   | X2 | .000      | .000      | 1.000    | 237.853  | 300.884  | .000     | .000      | .000     | .000    | .000     |
|   | X3 | 10.000    | .000      | .000     | .000     | .000     | .000     | .000      | 300.884  | 300.884 | .000     |
|   | BT | 5.000     | .900      | 233.905  | .000     | 36.466   | 301.045  | .000      | 395.754  | 301.000 | .000     |
|   | BT | 683.620   | 300.884   | .000     | 825.264  | 299.330  | .000     | .000      | .000     | .000    | .000     |
|   | NC | .055      | .055      | .045     | .360     | .500     | .000     | .000      | .000     | .000    | .000     |
|   | BT | 1.000     | 28281.700 | .000     | .000     | .000     | .000     | .000      | .000     | .000    | .000     |
|   | X1 | 81513.000 | 24.000    | 721.504  | 1064.379 | 1147.000 | 1147.000 | 1147.000  | .000     | .000    | .000     |
|   | GR | 241.000   | .000      | 237.463  | 409.725  | 239.984  | 721.504  | 235.547   | 724.292  | 219.677 | 756.332  |
|   | GR | 218.410   | 763.544   | 216.442  | 768.753  | 209.481  | 789.562  | 209.186   | 791.144  | 208.082 | 812.384  |
|   | GR | 208.000   | 815.953   | 209.219  | 831.485  | 209.529  | 837.256  | 210.437   | 861.061  | 210.542 | 862.953  |
|   | GR | 211.810   | 875.491   | 215.757  | 886.117  | 216.742  | 909.953  | 218.240   | 956.753  | 218.554 | 969.181  |
|   | GR | 235.000   | 1000.580  | 239.960  | 1064.379 | 239.742  | 1011.950 | 239.390   | 1398.105 | .000    | .000     |
| B | X1 | 81533.000 | .000      | .000     | .000     | 200.000  | 200.000  | 200.000   | .000     | .000    | .000     |
|   | X3 | 10.000    | .000      | .000     | .000     | .000     | .000     | .000      | 238.500  | 238.500 | .000     |
|   | SB | 1.050     | 1.560     | 2.600    | .000     | 130.000  | 15.000   | 5755.890  | 2.736    | 210.186 | 210.186  |
|   | X1 | 81537.000 | .000      | .000     | .000     | 38.000   | 38.000   | 38.000    | .000     | .000    | .000     |
|   | X2 | .000      | .000      | 1.000    | 238.069  | 242.027  | .000     | .000      | .000     | .000    | .000     |
|   | X3 | 10.000    | .900      | .000     | .000     | .000     | .000     | .000      | 242.027  | 242.027 | .000     |
|   | BT | 8.000     | 409.725   | 237.468  | .000     | 721.504  | 239.984  | .000      | 721.504  | 242.074 | .000     |
|   | BT | 861.060   | 242.568   | .000     | 1064.379 | 242.027  | .000     | 1064.379  | 239.960  | .000    | 1011.953 |
|   | BT | 239.740   | .000      | 1398.105 | 239.390  | .000     | .000     | .000      | .000     | .000    | .000     |

|    |           |           |         |         |           |           |           |         |         |         |
|----|-----------|-----------|---------|---------|-----------|-----------|-----------|---------|---------|---------|
| HC | .000      | .000      | .000    | .100    | .300      | .000      | .000      | .000    | .000    | .000    |
| DT | 1.000     | 23651.700 | .000    | .000    | .000      | .000      | .000      | .000    | .000    | .000    |
| X1 | 82787.000 | 17.000    | 356.307 | 428.148 | 12490.000 | 12500.000 | 12532.000 | .000    | .000    | .000    |
| GR | 245.300   | .000      | 237.773 | 71.715  | 235.036   | 111.868   | 230.613   | 207.705 | 232.179 | 261.349 |
| GR | 233.940   | 306.143   | 233.753 | 337.369 | 232.307   | 343.844   | 229.280   | 348.952 | 228.652 | 356.307 |
| GR | 212.240   | 365.014   | 213.520 | 365.457 | 207.743   | 396.615   | 203.370   | 413.118 | 213.676 | 421.927 |
| GR | 224.110   | 428.148   | 237.919 | 453.485 | .000      | .000      | .000      | .000    | .000    | .000    |

|    |           |           |         |         |          |          |          |         |         |         |
|----|-----------|-----------|---------|---------|----------|----------|----------|---------|---------|---------|
| DT | 1.000     | 22989.700 | .000    | .000    | .000     | .000     | .000     | .000    | .000    | .000    |
| X1 | 83727.000 | 28.000    | 242.630 | 522.946 | 9410.000 | 9400.000 | 9395.000 | .000    | .000    | .000    |
| GR | 240.510   | .000      | 243.682 | 242.630 | 240.384  | 244.851  | 228.100  | 277.348 | 223.396 | 306.627 |
| GR | 222.300   | 357.348   | 222.179 | 362.574 | 217.411  | 374.352  | 216.203  | 387.700 | 215.138 | 393.878 |
| GR | 214.400   | 397.648   | 214.208 | 393.450 | 215.208  | 404.747  | 216.279  | 409.860 | 216.251 | 425.350 |
| GR | 215.180   | 426.939   | 213.715 | 429.260 | 212.100  | 436.946  | 212.100  | 437.548 | 214.008 | 446.728 |
| GR | 215.160   | 454.790   | 225.220 | 466.347 | 225.050  | 476.946  | 225.592  | 490.119 | 237.823 | 515.247 |
| GR | 238.050   | 520.242   | 243.566 | 522.946 | 249.736  | 733.785  | .000     | .000    | .000    | .000    |

|    |           |      |      |      |         |         |         |         |         |      |
|----|-----------|------|------|------|---------|---------|---------|---------|---------|------|
| X1 | 83737.000 | .000 | .000 | .000 | 100.000 | 100.000 | 100.000 | .000    | .000    | .000 |
| X3 | 10.000    | .000 | .000 | .000 | .000    | .000    | .000    | 243.000 | 243.000 | .000 |

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|    |           |         |         |         |         |         |          |         |         |         |
|----|-----------|---------|---------|---------|---------|---------|----------|---------|---------|---------|
| SB | .300      | 1.560   | 2.600   | .000    | 95.000  | 6.000   | 4898.970 | 3.552   | 215.500 | 215.500 |
| X1 | 83739.000 | .000    | .000    | .000    | 28.000  | 28.000  | 28.000   | .000    | .000    | .000    |
| X2 | .000      | .000    | 1.000   | 241.600 | 245.966 | .000    | .000     | .600    | .000    | .000    |
| X3 | 10.000    | .000    | .000    | .000    | .000    | .000    | .000     | 245.965 | 245.965 | .000    |
| BT | 6.000     | .000    | 240.508 | .000    | 242.630 | 243.682 | .000     | 243.000 | 246.082 | .000    |
| BT | 520.240   | 245.966 | .000    | 522.946 | 243.566 | .000    | 733.785  | 249.736 | .000    | .000    |

|    |           |           |         |          |         |          |         |         |         |         |
|----|-----------|-----------|---------|----------|---------|----------|---------|---------|---------|---------|
| HC | .055      | .055      | .045    | .100     | .300    | .000     | .000    | .000    | .000    | .000    |
| DT | 1.000     | 28281.700 | .000    | .000     | .000    | .000     | .000    | .000    | .000    | .000    |
| X1 | 81533.000 | 23.000    | 763.544 | 896.117  | .000    | .000     | .000    | .000    | .000    | .000    |
| GR | 241.000   | .000      | 237.468 | 409.725  | 239.984 | 721.504  | 235.547 | 724.292 | 219.677 | 756.332 |
| GR | 218.410   | 763.544   | 216.442 | 768.753  | 209.481 | 789.562  | 209.186 | 791.144 | 208.082 | 812.384 |
| GR | 209.080   | 815.953   | 209.219 | 831.485  | 209.529 | 837.256  | 210.437 | 861.061 | 210.542 | 862.953 |
| GR | 211.810   | 875.491   | 215.757 | 896.117  | 216.742 | 909.953  | 218.240 | 956.753 | 218.554 | 969.181 |
| GR | 235.000   | 1005.580  | 239.960 | 1004.360 | 235.742 | 1011.950 | .000    | .000    | .000    | .000    |

\* TABBS CREEK

|    |         |           |         |         |          |          |          |         |         |         |
|----|---------|-----------|---------|---------|----------|----------|----------|---------|---------|---------|
| HC | .078    | .080      | .060    | .000    | .000     | .000     | .000     | .000    | .000    | .000    |
| DT | 1.000   | 10445.600 | .000    | .000    | .000     | .000     | .000     | .000    | .000    | .000    |
| X1 | 221.500 | 16.000    | 176.481 | 234.564 | 2690.000 | 2630.000 | 2630.000 | .000    | .000    | .000    |
| GR | 228.300 | .000      | 226.392 | 26.062  | 223.122  | 82.283   | 219.411  | 95.706  | 217.184 | 129.442 |
| GR | 219.140 | 176.481   | 212.604 | 186.678 | 212.571  | 191.036  | 210.989  | 196.516 | 212.490 | 204.905 |
| GR | 212.980 | 213.193   | 218.811 | 234.564 | 221.803  | 554.389  | 220.568  | 616.203 | 221.897 | 761.623 |
| GR | 223.160 | 780.662   | .000    | .000    | .000     | .000     | .000     | .000    | .000    | .000    |

|    |         |           |         |         |          |          |          |         |         |         |
|----|---------|-----------|---------|---------|----------|----------|----------|---------|---------|---------|
| HC | .080    | .080      | .060    | .300    | .500     | .000     | .000     | .000    | .000    | .000    |
| DT | 1.000   | 10334.700 | .000    | .000    | .000     | .000     | .000     | .000    | .000    | .000    |
| X1 | 762.000 | 15.000    | 305.631 | 430.443 | 5405.000 | 5405.000 | 5405.000 | .000    | .000    | .000    |
| GR | 240.040 | .000      | 233.826 | 43.477  | 235.541  | 120.320  | 234.115  | 305.631 | 224.199 | 309.626 |
| GR | 218.610 | 346.831   | 217.879 | 361.820 | 217.291  | 363.616  | 216.787  | 376.209 | 216.810 | 389.243 |
| GR | 217.990 | 392.702   | 225.634 | 428.015 | 234.107  | 430.443  | 235.170  | 627.009 | 243.200 | 771.209 |

|        |          |           |         |         |          |          |          |         |         |         |
|--------|----------|-----------|---------|---------|----------|----------|----------|---------|---------|---------|
| (B) X1 | 763.500  | .000      | .000    | .000    | 15.000   | 15.000   | 15.000   | .000    | .000    | .000    |
| X3     | 10.000   | .000      | .000    | .000    | .000     | .000     | .000     | 233.000 | 233.000 | .000    |
| SB     | .900     | 1.560     | 2.600   | .000    | 75.000   | 2.000    | 1481.600 | 1.687   | 217.291 | 217.291 |
| X1     | 766.300  | .000      | .000    | .000    | 28.000   | 28.000   | 28.000   | .000    | .000    | .000    |
| X2     | .000     | .000      | 1.000   | 232.107 | 234.115  | .000     | .000     | .000    | .000    | .000    |
| X3     | 10.000   | .000      | .000    | .000    | .000     | .000     | .000     | 234.115 | 234.115 | .000    |
| BT     | 8.000    | .000      | 240.039 | .000    | 43.477   | 233.826  | .000     | 120.320 | 235.541 | .000    |
| BT     | 305.630  | 234.115   | .000    | 376.209 | 234.110  | .000     | 430.443  | 234.107 | .000    | 627.010 |
| BT     | 235.170  | .000      | 771.209 | 243.200 | .000     | .000     | .000     | .000    | .000    | .000    |
| BT     | 1.000    | 10337.200 | .000    | .000    | .000     | .000     | .000     | .000    | .000    | .000    |
| (C) X1 | 1058.500 | 13.000    | 226.554 | 288.102 | 2922.000 | 2922.000 | 2922.000 | .000    | .000    | .000    |
| GR     | 228.000  | .000      | 225.015 | 208.037 | 223.332  | 216.283  | 223.338  | 226.554 | 220.385 | 230.248 |
| GR     | 219.540  | 231.100   | 210.168 | 265.100 | 219.424  | 268.067  | 220.371  | 270.768 | 222.582 | 280.848 |
| GR     | 225.250  | 288.102   | 225.369 | 433.602 | 225.297  | 466.181  | .000     | .000    | .000    | .000    |
| EJ     | .000     | .000      | .000    | .000    | .000     | .000     | .000     | .000    | .000    | .000    |

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| SECD  | DEPTH | CWSEL | CRIMS | WSELK  | EG   | HV    | HL    | QLOSS | BANK       | ELEV |
|-------|-------|-------|-------|--------|------|-------|-------|-------|------------|------|
| 0     | ALDB  | QCH   | OROB  | ALDB   | ACH  | AROD  | VOL   | TWA   | LEFT/RIGHT |      |
| TIME  | VLOB  | VCH   | VROB  | XHL    | XHCH | XNR   | WTN   | ELNIN | SSTA       |      |
| SLOPE | ALDBL | XLCH  | XLDBR | ITRIAL | IDC  | ICQNT | CORAR | TOPHD | ENDST      |      |

\*PROF 1

ECHV= .100 CEHV= .300

(A) \*SECNO 80112.000  
3280 CROSS SECTION 80112.00 EXTENDED 7.59 FEET

|          |        |        |       |        |        |       |      |        |        |
|----------|--------|--------|-------|--------|--------|-------|------|--------|--------|
| 80112.00 | 20.97  | 221.96 | .00   | 218.62 | 222.32 | .35   | .00  | .00    | 216.78 |
| 29050.   | 10880. | 11912. | 6256. | 3024.  | 1901.  | 2.45. | 0.   | 0.     | 216.12 |
| .00      | 3.60   | 6.27   | 2.92  | .045   | .035   | .645  | .000 | 200.99 | .00    |
| .000570  | 0.     | 0.     | 0.    | 0      | 0      | 4     | .00  | 723.04 | 723.04 |

\*SECNO 80114.000  
3280 CROSS SECTION 80114.00 EXTENDED 7.60 FEET

|          |        |        |       |       |        |        |      |        |        |
|----------|--------|--------|-------|-------|--------|--------|------|--------|--------|
| 80114.00 | 20.99  | 221.98 | .00   | .00   | 222.33 | .35    | .01  | .00    | 216.78 |
| 29050.   | 10884. | 11905. | 6261. | 3028. | 1902.  | 2.148. | 3.   | 0.     | 216.12 |
| .00      | 3.59   | 6.26   | 2.91  | .045  | .035   | .045   | .000 | 200.99 | .00    |
| .000568  | 20.    | 20.    | 20.   | 0     | 0      | 0      | .00  | 723.04 | 723.04 |

\*SECNO 80115.000  
3280 CROSS SECTION 80115.00 EXTENDED 7.61 FEET

|          |        |        |       |       |        |        |      |        |        |
|----------|--------|--------|-------|-------|--------|--------|------|--------|--------|
| 80115.00 | 20.99  | 221.98 | .00   | .00   | 222.33 | .35    | .01  | .00    | 216.78 |
| 29050.   | 10885. | 11900. | 6265. | 3030. | 1903.  | 2.150. | 5.   | 1.     | 216.12 |
| .00      | 3.59   | 6.25   | 2.91  | .045  | .035   | .045   | .000 | 200.99 | .00    |
| .000566  | 12.    | 12.    | 12.   | 0     | 0      | 0      | .00  | 723.04 | 723.04 |

ECHV= .300 CEHV= .500  
\*SECNO 81395.000

3301 HV CHANGED MORE THAN HVINS

|          |       |        |     |      |        |      |       |        |        |
|----------|-------|--------|-----|------|--------|------|-------|--------|--------|
| 81395.00 | 29.09 | 230.95 | .00 | .00  | 231.92 | .97  | 9.28  | .31    | 297.85 |
| 28311.   | 0.    | 28310. | 0.  | 0.   | 3577.  | 0.   | 1581. | 141.   | 298.18 |
| .45      | .00   | 7.91   | .00 | .045 | .035   | .045 | .000  | 201.87 | 313.74 |

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 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984  
 ERROR CORR - 01,02,03,04,05,06  
 MODIFICATION - 50,51,52,53,54,55,56  
 IBM-PC-XT VERSION AUGUST 1985  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

TAR RIVER (Distance x 10 = Distance above Mouth)

SUMMARY PRINTOUT

|              | SECD      | O        | ELMIN  | CWSEL  | EG     | DEPTH | 10K+S | OCH      | VCH  | HV  | HL   | ELTRD  | AREA    |
|--------------|-----------|----------|--------|--------|--------|-------|-------|----------|------|-----|------|--------|---------|
| (A)          | 80112.000 | 29049.80 | 200.99 | 221.96 | 222.32 | 20.37 | 5.70  | 11911.77 | 6.27 | .35 | .00  | .00    | 7069.81 |
|              | 80114.000 | 29049.80 | 200.99 | 221.98 | 222.33 | 20.99 | 5.60  | 11904.65 | 6.26 | .35 | .01  | .00    | 7078.05 |
|              | 80115.000 | 29049.80 | 200.99 | 221.98 | 222.33 | 20.99 | 5.66  | 11899.76 | 6.25 | .35 | .01  | .00    | 7083.73 |
|              | 81395.000 | 28310.50 | 201.87 | 230.95 | 231.92 | 29.09 | 9.52  | 28310.50 | 7.91 | .97 | 9.28 | .00    | 3577.15 |
| (B)          | 81396.000 | 28310.50 | 201.87 | 230.96 | 231.93 | 29.10 | 9.49  | 28310.50 | 7.91 | .97 | .01  | .00    | 3580.90 |
|              | 81398.000 | 28310.50 | 201.87 | 231.57 | 232.47 | 29.70 | 8.46  | 28310.50 | 7.61 | .90 | .53  | 300.88 | 3720.39 |
|              | 81513.000 | 28281.70 | 208.08 | 232.93 | 233.55 | 24.85 | 8.82  | 28281.70 | 6.30 | .62 | .99  | .00    | 4491.75 |
| (C)          | 81533.000 | 28281.70 | 208.08 | 233.12 | 233.72 | 25.04 | 8.55  | 28281.70 | 6.23 | .60 | .17  | .00    | 4540.20 |
|              | 81537.000 | 28281.70 | 208.08 | 233.19 | 233.79 | 25.11 | 8.43  | 28281.70 | 6.20 | .60 | .07  | 242.03 | 4561.61 |
| (D)          | 82707.000 | 23651.70 | 207.75 | 242.37 | 242.86 | 34.62 | 6.12  | 14815.11 | 6.78 | .50 | 9.07 | .00    | 5215.22 |
|              | 83727.000 | 22989.70 | 212.10 | 245.79 | 245.98 | 33.69 | 2.02  | 22145.94 | 3.56 | .19 | 3.08 | .00    | 7200.09 |
| (E)          | 83737.000 | 22989.70 | 212.10 | 245.81 | 246.00 | 33.71 | 2.00  | 22136.06 | 3.55 | .19 | .02  | .00    | 7218.06 |
|              | 83739.000 | 22989.70 | 212.10 | 246.00 | 246.18 | 33.90 | 1.94  | 22075.89 | 3.52 | .18 | .19  | 245.97 | 7327.23 |
|              | 81533.000 | 28281.70 | 208.08 | 233.12 | 233.82 | 25.04 | 8.25  | 20360.10 | 7.43 | .70 | .00  | .00    | 4542.67 |
| TABBS CREEK: |           |          |        |        |        |       |       |          |      |     |      |        |         |
| (A)          | 762.000   | 10394.70 | 216.79 | 235.42 | 235.89 | 18.66 | 15.08 | 10189.43 | 5.43 | .45 | .99  | .00    | 2219.93 |
| (B)          | 763.500   | 10394.70 | 216.79 | 235.47 | 235.92 | 18.68 | 15.00 | 10182.67 | 5.42 | .45 | .02  | .00    | 2230.46 |

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|     | SECD     | O        | ELMIN  | CWSEL  | EG     | DEPTH | 10K+S | OCH      | VCH  | HV  | HL   | ELTRD  | AREA    |
|-----|----------|----------|--------|--------|--------|-------|-------|----------|------|-----|------|--------|---------|
|     | 766.300  | 10394.70 | 216.79 | 235.69 | 236.14 | 18.91 | 13.90 | 10081.06 | 5.28 | .42 | .20  | 234.12 | 2368.62 |
| (C) | 1058.500 | 10337.20 | 218.17 | 237.70 | 237.76 | 19.53 | 2.73  | 2913.85  | 2.69 | .06 | 1.54 | .00    | 5876.18 |

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