

MEADOW
BRANCH

MEADOW BRANCH

FIA

SNUMB = 1862T, ACTIVITY # = 01, , REPRRT CODE = 52, RECORD COUNT = 002373

T1 LUMBERTON N C MEADOW BRANCH
 T2 FLOOD INSURANCE STUDY
 T3 10-YR R MEADOW BRANCH

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS Q WSEL FQ
 0. 2. 0. 0. 0. 0. 0. 0. 119,800 0.

J2 NPROF IFLPT PRFVS XSECV XSECH FN ALLOC TBW CHNIV ITRACF
 1,000 0. -1,000 5,000 500,000 0. 0. 0. 0. 0.

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

38,000 1,000 50,000 42,000 33,000 58,000 39,000 0. 38,000 1,000

50,000 51,000 40,000 41,000 25,000 0. 38,000 1,000 43,000 13,000

55,000 14,000 26,000 15,000 56,000 8,000 0. 38,000 1,000 50,000

7,000 16,000 17,000 18,000 4,000 53,000 54,000 34,000 0. 0.

NC 0,060 0,060 0,050 0,100 0,300 0. 0. 0. 0. 0.
 QT 5,000 2460,000 3360,000 3750,000 5760,000 3750,000 0. 0. 0. 0.
 ET 0. 0. 0. 0. 0. 10,400 0. 0. 0. 0.

X1 380,000 17,000 716,000 765,000 0. 0. 0. 0. 0. 0.
 GR 130,000 0. 128,000 120,000 126,000 260,000 124,000 450,000 122,000 560,000
 GR 120,000 677,000 119,100 700,000 120,000 712,000 124,400 716,000 121,600 719,000
 GR 120,000 731,000 114,500 741,000 113,800 750,000 114,900 759,000 120,700 765,000
 GR 118,300 800,000 120,000 950,000 0. 0. 0. 0. 0. 0.

X1 400,000 0. 0. 0. 20,000 20,000 20,000 0. 0. 0.
 X3 10,000 0. 0. 0. 0. 0. 0. 125,000 125,000 0.
 SB 1,250 1,500 3,000 500,000 50,000 6,000 160,000 0. 113,590 113,050

X1 700,000 14,000 625,000 722,000 300,000 300,000 300,000 0. 0. 0.
 X2 0. 0. 1,000 121,600 124,700 0. 0. 0. 0. 0.
 X3 10,000 0. 0. 0. 0. 0. 0. 125,000 125,000 0.
 GR 131,000 0. 124,000 90,000 124,000 260,000 120,000 400,000 119,500 650,000
 GR 118,600 685,000 114,600 628,000 114,000 700,000 114,700 712,000 122,200 722,000
 GR 112,400 850,000 120,000 980,000 122,000 1230,000 125,000 1500,000 128,000 1600,000

X1 750,000 0. 0. 0. 50,000 50,000 50,000 0. 0. 0.

X1 800,000 0. 0. 0. 50,000 50,000 50,000 0. 0. 0.

X1 1500,000 0. 0. 0. 700,000 700,000 700,000 0. 0.500 0.

X1 2200,000 0. 0. 0. 700,000 700,000 700,000 0. 0.500 0.

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|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 5300,000 | 17,000 | 483,000 | 527,000 | 50,000 | 50,000 | 50,000 | 0. | 0. | 0. |
| GR | 134,200 | 0. | 132,500 | 200,000 | 132,500 | 285,000 | 130,000 | 400,000 | 123,000 | 470,000 |
| GR | 129,600 | 483,000 | 119,400 | 494,000 | 117,600 | 500,000 | 119,300 | 506,000 | 132,300 | 527,000 |
| GR | 130,700 | 535,000 | 130,200 | 550,000 | 130,000 | 575,000 | 127,000 | 610,000 | 130,000 | 627,000 |
| GR | 130,000 | 860,000 | 132,000 | 942,000 | 0. | 0. | 0. | 0. | 0. | 0. |

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|----|----------|----|-------|----|--------|--------|--------|----|----|----|
| X1 | 5350,000 | 0. | 0,200 | 0. | 50,000 | 50,000 | 50,000 | 0. | 0. | 0. |
|----|----------|----|-------|----|--------|--------|--------|----|----|----|

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|----|----------|---------|---------|----------|---------|----------|---------|---------|---------|---------|
| X1 | 5700,000 | 13,000 | 728,000 | 774,000 | 350,000 | 350,000 | 350,000 | 0. | 0. | 0. |
| GR | 134,000 | 0. | 130,000 | 280,000 | 128,000 | 355,000 | 126,000 | 710,000 | 130,900 | 728,000 |
| GR | 121,700 | 742,000 | 119,500 | 750,000 | 121,500 | 758,000 | 131,800 | 774,000 | 132,900 | 800,000 |
| GR | 130,000 | 850,000 | 130,000 | 1000,000 | 134,000 | 1375,000 | 0. | 0. | 0. | 0. |

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|----|----------|-------|-------|----------|--------|--------|--------|---------|---------|----|
| X1 | 5720,000 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 132,000 | 132,000 | 0. |
| SB | 1,250 | 1,500 | 3,000 | 1300,000 | 14,000 | 2,000 | 96,000 | 0. | 0. | 0. |

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|----|----------|---------|---------|---------|---------|----------|---------|----------|---------|---------|
| X1 | 5830,000 | 9,000 | 730,000 | 772,000 | 110,000 | 110,000 | 110,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 128,200 | 131,500 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 132,000 | 132,000 | 0. |
| GR | 134,000 | 0. | 132,000 | 253,000 | 131,300 | 730,000 | 121,400 | 744,000 | 119,800 | 750,000 |
| GR | 121,400 | 756,000 | 130,800 | 772,000 | 132,200 | 1260,000 | 132,600 | 2000,000 | 0. | 0. |

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|----|----------|----|----|----|--------|--------|--------|---------|---------|----|
| X1 | 5850,000 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 132,000 | 132,000 | 0. |

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|----|----------|----------|---------|----------|---------|---------|---------|---------|---------|---------|
| X1 | 6400,000 | 12,000 | 732,000 | 765,000 | 550,000 | 550,000 | 550,000 | 0. | 0. | 0. |
| GR | 135,400 | 30,000 | 134,000 | 238,000 | 132,000 | 525,000 | 130,000 | 540,000 | 128,000 | 690,000 |
| GR | 130,200 | 732,000 | 121,600 | 744,000 | 120,300 | 750,000 | 121,500 | 756,000 | 127,500 | 765,000 |
| GR | 130,000 | 1095,000 | 132,400 | 1230,000 | 0. | 0. | 0. | 0. | 0. | 0. |

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|----|----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 6900,000 | 17,000 | 973,000 | 1028,000 | 500,000 | 500,000 | 500,000 | 0. | 0. | 0. |
| GR | 134,200 | 0. | 132,000 | 210,000 | 132,000 | 410,000 | 130,000 | 610,000 | 126,000 | 850,000 |
| GR | 127,600 | 900,000 | 127,600 | 938,000 | 130,500 | 973,000 | 122,200 | 994,000 | 120,400 | 1000,000 |
| GR | 122,000 | 1016,000 | 129,400 | 1028,000 | 130,200 | 1100,000 | 130,000 | 1560,000 | 132,000 | 1700,000 |
| GR | 132,400 | 1850,000 | 134,300 | 2100,000 | 0. | 0. | 0. | 0. | 0. | 0. |

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|----|----------|-------|-------|---------|--------|--------|--------|---------|---------|----|
| X1 | 6910,000 | 0. | 0. | 0. | 10,000 | 10,000 | 10,000 | 0. | 0. | 0. |
| X3 | 0,100 | 0. | 0. | 0. | 0. | 0. | 0. | 131,000 | 131,000 | 0. |
| SB | 1,250 | 1,500 | 3,000 | 800,000 | 22,800 | 11,000 | 59,000 | 0. | 0. | 0. |

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|----|----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 6970,000 | 17,000 | 1175,000 | 1219,000 | 60,000 | 60,000 | 60,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 125,000 | 130,500 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 131,000 | 131,000 | 0. |
| GR | 135,000 | 0. | 134,000 | 385,000 | 130,000 | 500,000 | 130,000 | 670,000 | 128,000 | 870,000 |
| GR | 126,000 | 1040,000 | 127,700 | 1135,000 | 129,100 | 1150,000 | 133,000 | 1175,000 | 122,400 | 1188,000 |
| GR | 121,400 | 1200,000 | 122,300 | 1212,000 | 127,400 | 1219,000 | 128,600 | 1300,000 | 130,000 | 1635,000 |
| GR | 130,500 | 1970,000 | 132,700 | 2170,000 | 0. | 0. | 0. | 0. | 0. | 0. |

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|----|----------|----|----|----|--------|--------|--------|----|----|----|
| X1 | 6980,000 | 0. | 0. | 0. | 10,000 | 10,000 | 10,000 | 0. | 0. | 0. |
|----|----------|----|----|----|--------|--------|--------|----|----|----|

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|----|----------|--------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 8250,000 | 22,000 | 733,000 | 775,000 | 1270,000 | 1270,000 | 1270,000 | 0. | 0. | 0. |
| GR | 136,000 | 0. | 134,000 | 280,000 | 132,000 | 460,000 | 130,000 | 570,000 | 128,000 | 625,000 |

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELREA= 136.50 ELREA= 135.60

| | | | | | | | | | |
|----------|-------|--------|------|-------|--------|-------|-------|--------|--------|
| 9650.00 | 12.11 | 135.91 | 0. | 0. | 136.16 | 0.25 | 0.03 | 0.00 | 134.10 |
| 2270. | 0. | 2259. | 11. | 0. | 562. | 16. | 561. | 217. | 135.00 |
| 2.44 | 0. | 4.02 | 0.67 | 0.050 | 0.050 | 0.050 | 0.050 | 123.80 | 860.00 |
| 0.001439 | 20. | 20. | 20. | 0 | 0 | 0 | 0. | 116.26 | 976.26 |

SPECIAL BRIDGE

5070, VARIABLE ELCHD OP ELCHD ON CARD SB NOT SPECIFIED

| SB | XK | XKOR | COFO | RDLEN | BWC | BWP | BARFA | SS | ELCHD | ELCHD |
|----|------|------|------|--------|-------|------|--------|----|--------|--------|
| | 1.25 | 1.50 | 3.00 | 750.00 | 15.00 | 1.00 | 126.00 | 0. | 123.80 | 123.80 |

*SECNO 9930.000
PRESSURE AND WEIR FLOW

| EGPRS | EGLWC | H3 | OWEIR | QPR | BARFA | TRAPEZOID AREA | ELLC | ELTRD |
|--------|--------|------|-------|------|-------|----------------|--------|--------|
| 138.67 | 136.18 | 0.04 | 636. | 747. | 126. | 106. | 130.20 | 136.30 |

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELREA= 137.40 ELREA= 136.30

| | | | | | | | | | |
|----------|-------|--------|------|-------|--------|-------|-------|--------|---------|
| 9930.00 | 11.70 | 136.70 | 0. | 0. | 136.73 | 0.03 | 0.57 | 0. | 135.50 |
| 1370. | 0. | 708. | 662. | 0. | 393. | 676. | 566. | 219. | 131.80 |
| 2.50 | 0. | 1.80 | 0.98 | 0.050 | 0.050 | 0.050 | 0.050 | 125.00 | 725.00 |
| 0.000260 | 280. | 280. | 280. | 2 | 0 | 4 | 0. | 368.83 | 1093.83 |

*SECNO 9950.000

3495 OVERBANK AREA ASSUMED NON-EFFECTIVE, ELREA= 137.40 ELREA= 136.30

| | | | | | | | | | |
|----------|-------|--------|------|-------|--------|-------|-------|--------|---------|
| 9950.00 | 11.70 | 136.70 | 0. | 0. | 136.74 | 0.03 | 0.01 | 0.00 | 135.50 |
| 1370. | 0. | 707. | 663. | 0. | 394. | 680. | 566. | 219. | 131.80 |
| 2.50 | 0. | 1.80 | 0.98 | 0.050 | 0.050 | 0.050 | 0.050 | 125.00 | 725.00 |
| 0.000257 | 0. | 20. | 20. | 1 | 0 | 0 | 0. | 369.62 | 1094.62 |

*SECNO 10445.000

3265 DIVIDED FLOW
3280 CROSS SECTION 10445.00 EXTENDED 1.19 FEET

| | | | | | | | | | |
|----------|------|--------|------|-------|--------|-------|-------|---------|---------|
| 10445.00 | 8.89 | 136.70 | 0. | 0. | 136.79 | 0.00 | 0.05 | 0.00 | 135.20 |
| 1370. | 981. | 268. | 171. | 2061. | 481. | 391. | 589. | 228. | 134.00 |
| 2.79 | 0.48 | 0.56 | 0.31 | 0.050 | 0.050 | 0.050 | 0.050 | 128.10 | 0. |
| 0.000058 | 495. | 495. | 495. | 2 | 0 | 0 | 0. | 1250.11 | 1279.44 |

*SECNO 10945.000

3265 DIVIDED FLOW

| | | | | | | | | | |
|----------|------|--------|------|-------|--------|-------|-------|---------|---------|
| 10945.00 | 5.83 | 136.83 | 0. | 0. | 136.84 | 0.01 | 0.04 | 0.00 | 134.00 |
| 1370. | 772. | 177. | 221. | 1565. | 255. | 367. | 618. | 243. | 130.00 |
| 3.01 | 0.62 | 0.69 | 0.61 | 0.050 | 0.050 | 0.050 | 0.050 | 131.00 | 489.10 |
| 0.000136 | 500. | 500. | 500. | 2 | 0 | 0 | 0. | 1234.81 | 1445.08 |

T1 LUMBERTON N C MEADOW BRANCH
T2 FLOOD INSURANCE STUDY
T3 50-YR Q MEADOW BRANCH

| J1 | ICHECK | IN | NIN | IDIR | STRT | METRIC | HVINS | 0 | WSEI | FO |
|----|--------|----|-----|------|------|--------|-------|----|---------|----|
| | 0. | 3. | 0. | 0. | 0. | 0. | 0. | 0. | 122.750 | 0. |

| J2 | NPROP | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
|----|-------|------|-------|-------|-------|----|-------|-----|-------|--------|
|----|-------|------|-------|-------|-------|----|-------|-----|-------|--------|

2.000

0.

-1.000

5.000

500.000

0.

0.

0.

0.

0.

16

STODIUM

0.000182 500. 500. 500. 2 0 0 0. 1466.82 1949.04

T1 LUMBERTON N C MEADOW BRANCH

T2 FLOOD INSURANCE STUDY

T3 100-YR D MEADOW BRANCH

| J1 | ICHECK | IND | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FG |
|----|--------|-----|------|------|------|--------|-------|----|---------|----|
| | 0. | 4. | 0. | 0. | 0. | 0. | 0. | 0. | 124.410 | 0. |

| J2 | NPROF | IPLT | PRFVB | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
|----|-------|------|--------|-------|---------|----|-------|-----|-------|--------|
| | 3.000 | 0. | -1.000 | 5.000 | 500.000 | 0. | 0. | 0. | 0. | 0. |

PRINTED IN U.S.A.

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR = 01
 MODIFICATION = 50,51,52

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

10-YR 0 MEADOW B
 SUMMARY PRINTOUT

| SECNO | CWSEL | DIFWSP | ELMIN | K*CHSL | KRATIO | XLCH |
|-----------|--------|--------|--------|--------|--------|--------|
| * 380.000 | 120.61 | 0. | 113.80 | 0. | 0. | 0. |
| 380.000 | 122.75 | 0. | 113.80 | 0. | 0. | 0. |
| 380.000 | 124.41 | 0. | 113.80 | 0. | 0. | 0. |
| 380.000 | 126.54 | 2.13 | 113.80 | 0. | 0. | 0. |
| * 400.000 | 121.57 | 0. | 113.80 | 0. | 0.73 | 20.00 |
| * 400.000 | 122.58 | 0. | 113.80 | 0. | 0.29 | 20.00 |
| * 400.000 | 123.03 | 0. | 113.80 | 0. | 0.17 | 20.00 |
| 400.000 | 126.55 | 3.52 | 113.80 | 0. | 1.00 | 20.00 |
| 700.000 | 125.15 | 0. | 114.00 | 0.67 | 23.49 | 300.00 |
| 700.000 | 125.70 | 0. | 114.00 | 0.67 | 20.39 | 300.00 |
| 700.000 | 125.91 | 0. | 114.00 | 0.67 | 19.20 | 300.00 |
| 700.000 | 127.09 | 1.18 | 114.00 | 0.67 | 2.38 | 300.00 |
| 750.000 | 125.16 | 0. | 114.00 | 0. | 1.00 | 50.00 |
| 750.000 | 125.70 | 0. | 114.00 | 0. | 1.00 | 50.00 |
| 750.000 | 125.91 | 0. | 114.00 | 0. | 1.00 | 50.00 |
| 750.000 | 127.09 | 1.18 | 114.00 | 0. | 1.00 | 50.00 |
| 800.000 | 125.16 | 0. | 114.00 | 0. | 1.00 | 50.00 |
| 800.000 | 125.71 | 0. | 114.00 | 0. | 1.00 | 50.00 |
| 800.000 | 125.92 | 0. | 114.00 | 0. | 1.00 | 50.00 |
| 800.000 | 127.09 | 1.18 | 114.00 | 0. | 1.00 | 50.00 |
| 1500.000 | 125.19 | 0. | 114.50 | 0.71 | 0.83 | 700.00 |
| 1500.000 | 125.75 | 0. | 114.50 | 0.71 | 0.85 | 700.00 |
| 1500.000 | 125.96 | 0. | 114.50 | 0.71 | 0.86 | 700.00 |
| 1500.000 | 127.15 | 1.18 | 114.50 | 0.71 | 0.88 | 700.00 |
| 2200.000 | 125.25 | 0. | 115.00 | 0.71 | 0.83 | 700.00 |
| 2200.000 | 125.81 | 0. | 115.00 | 0.71 | 0.85 | 700.00 |
| 2200.000 | 126.03 | 0. | 115.00 | 0.71 | 0.85 | 700.00 |
| 2200.000 | 127.22 | 1.17 | 115.00 | 0.71 | 0.88 | 700.00 |
| 2750.000 | 125.28 | 0. | 115.50 | 0.91 | 0.22 | 550.00 |
| 2750.000 | 125.87 | 0. | 115.50 | 0.91 | 0.24 | 550.00 |
| 2750.000 | 126.10 | 0. | 115.50 | 0.91 | 0.25 | 550.00 |
| 2750.000 | 127.30 | 1.20 | 115.50 | 0.91 | 0.30 | 550.00 |

| SECNO | CWSEL | DIFWSP | ELMIN | K*CHSL | KRATIO | XLCH |
|------------|--------|--------|--------|--------|--------|---------|
| 3780.000 | 126.75 | 0. | 114.80 | -0.68 | 1.36 | 1030.00 |
| 3780.000 | 127.34 | 0. | 114.80 | -0.68 | 1.31 | 1030.00 |
| 3780.000 | 127.56 | 0. | 114.80 | -0.68 | 1.28 | 1030.00 |
| 3780.000 | 128.54 | 0.99 | 114.80 | -0.68 | 1.11 | 1030.00 |
| 3860.000 | 126.91 | 0. | 116.40 | 20.00 | 0.48 | 80.00 |
| 3860.000 | 127.50 | 0. | 116.40 | 20.00 | 0.51 | 80.00 |
| 3860.000 | 127.72 | 0. | 116.40 | 20.00 | 0.52 | 80.00 |
| 3860.000 | 128.70 | 0.98 | 116.40 | 20.00 | 0.55 | 80.00 |
| 4410.000 | 127.84 | 0. | 115.50 | -1.64 | 2.15 | 550.00 |
| 4410.000 | 128.46 | 0. | 115.50 | -1.64 | 1.99 | 550.00 |
| 4410.000 | 128.69 | 0. | 115.50 | -1.64 | 1.94 | 550.00 |
| 4410.000 | 129.68 | 0.99 | 115.50 | -1.64 | 1.71 | 550.00 |
| 4430.000 | 127.86 | 0. | 115.50 | 0. | 1.01 | 20.00 |
| 4430.000 | 128.48 | 0. | 115.50 | 0. | 1.01 | 20.00 |
| 4430.000 | 128.71 | 0. | 115.50 | 0. | 1.01 | 20.00 |
| 4430.000 | 129.70 | 0.99 | 115.50 | 0. | 1.01 | 20.00 |
| 4500.000 | 128.02 | 0. | 117.80 | 32.86 | 0.96 | 70.00 |
| * 4500.000 | 128.71 | 0. | 117.80 | 32.36 | 0.98 | 70.00 |
| * 4500.000 | 128.97 | 0. | 117.80 | 32.86 | 0.99 | 70.00 |
| * 4500.000 | 130.12 | 1.16 | 117.80 | 32.86 | 1.04 | 70.00 |
| 4520.000 | 128.04 | 0. | 117.80 | 0. | 1.01 | 20.00 |
| 4520.000 | 128.73 | 0. | 117.80 | 0. | 1.01 | 20.00 |
| 4520.000 | 128.99 | 0. | 117.80 | 0. | 1.01 | 20.00 |
| 4520.000 | 130.14 | 1.16 | 117.80 | 0. | 1.01 | 20.00 |
| 4950.000 | 128.47 | 0. | 118.30 | 1.16 | 0.83 | 430.00 |
| 4950.000 | 129.17 | 0. | 118.30 | 1.16 | 0.84 | 430.00 |
| 4950.000 | 129.43 | 0. | 118.30 | 1.16 | 0.85 | 430.00 |
| 4950.000 | 130.59 | 1.16 | 118.30 | 1.16 | 0.88 | 430.00 |
| 5050.000 | 127.88 | 0. | 118.50 | 2.00 | 0.32 | 100.00 |
| * 5050.000 | 129.50 | 0. | 118.50 | 2.00 | 0.93 | 100.00 |
| 5050.000 | 129.54 | 0. | 118.50 | 2.00 | 0.85 | 100.00 |
| 5050.000 | 130.70 | 1.16 | 118.50 | 2.00 | 0.85 | 100.00 |
| * 5250.000 | 130.99 | 0. | 118.50 | 0. | 7.09 | 200.00 |
| * 5250.000 | 131.58 | 0. | 118.50 | 0. | 2.36 | 200.00 |
| * 5250.000 | 131.72 | 0. | 118.50 | 0. | 2.46 | 200.00 |
| * 5250.000 | 132.41 | 0.70 | 118.50 | 0. | 2.10 | 200.00 |
| 5300.000 | 130.88 | 0. | 117.60 | -18.00 | 0.35 | 50.00 |
| 5300.000 | 131.48 | 0. | 117.60 | -18.00 | 0.37 | 50.00 |
| 5300.000 | 131.60 | 0. | 117.60 | -18.00 | 0.37 | 50.00 |
| 5300.000 | 132.29 | 0.68 | 117.60 | -18.00 | 0.38 | 50.00 |
| 5350.000 | 131.00 | 0. | 117.60 | 0. | 1.06 | 50.00 |
| 5350.000 | 131.60 | 0. | 117.60 | 0. | 1.06 | 50.00 |
| 5350.000 | 131.74 | 0. | 117.60 | 0. | 1.07 | 50.00 |
| 5350.000 | 132.45 | 0.71 | 117.60 | 0. | 1.08 | 50.00 |

| SECNO | CWSEL | DYFRSP | ELMYP | KACHSL | KRATID | XLCP |
|------------|--------|--------|--------|--------|--------|---------|
| 5700.000 | 131.37 | 0. | 119.50 | 5.43 | 2.82 | 350.00 |
| 5700.000 | 131.97 | 0. | 119.50 | 5.43 | 2.66 | 350.00 |
| 5700.000 | 132.13 | 0. | 119.50 | 5.43 | 2.66 | 350.00 |
| 5700.000 | 132.92 | 0.79 | 119.50 | 5.43 | 2.56 | 350.00 |
| 5720.000 | 130.73 | 0. | 119.50 | 0. | 0.18 | 20.00 |
| 5720.000 | 130.77 | 0. | 119.50 | 0. | 0.14 | 20.00 |
| 5720.000 | 132.14 | 0. | 119.50 | 0. | 1.01 | 20.00 |
| 5720.000 | 132.93 | 0.79 | 119.50 | 0. | 1.01 | 20.00 |
| * 5830.000 | 130.90 | 0. | 119.80 | 2.73 | 0.88 | 110.00 |
| * 5830.000 | 132.21 | 0. | 119.80 | 2.73 | 0.38 | 110.00 |
| * 5830.000 | 132.41 | 0. | 119.80 | 2.73 | 0.05 | 110.00 |
| * 5830.000 | 132.92 | 0.50 | 119.80 | 2.73 | 1.17 | 110.00 |
| 5850.000 | 131.15 | 0. | 119.80 | 0. | 1.06 | 20.00 |
| 5850.000 | 132.74 | 0. | 119.80 | 0. | 1.61 | 20.00 |
| 5850.000 | 132.80 | 0. | 119.80 | 0. | 1.44 | 20.00 |
| 5850.000 | 133.13 | 0.33 | 119.80 | 0. | 1.21 | 20.00 |
| 6400.000 | 132.64 | 0. | 120.30 | 0.91 | 5.92 | 550.00 |
| 6400.000 | 133.22 | 0. | 120.30 | 0.91 | 2.71 | 550.00 |
| 6400.000 | 133.33 | 0. | 120.30 | 0.91 | 2.66 | 550.00 |
| 6400.000 | 133.85 | 0.52 | 120.30 | 0.91 | 2.42 | 550.00 |
| 6900.000 | 132.71 | 0. | 120.40 | 0.20 | 1.81 | 500.00 |
| 6900.000 | 133.30 | 0. | 120.40 | 0.20 | 1.86 | 500.00 |
| 6900.000 | 133.42 | 0. | 120.40 | 0.20 | 1.87 | 500.00 |
| 6900.000 | 133.99 | 0.57 | 120.40 | 0.20 | 1.93 | 500.00 |
| 6910.000 | 132.71 | 0. | 120.40 | 0. | 1.00 | 10.00 |
| 6910.000 | 133.30 | 0. | 120.40 | 0. | 1.00 | 10.00 |
| 6910.000 | 133.42 | 0. | 120.40 | 0. | 1.00 | 10.00 |
| 6910.000 | 133.99 | 0.57 | 120.40 | 0. | 1.00 | 10.00 |
| * 6970.000 | 132.79 | 0. | 121.40 | 16.67 | 1.37 | 60.00 |
| * 6970.000 | 133.39 | 0. | 121.40 | 16.67 | 1.35 | 60.00 |
| * 6970.000 | 133.52 | 0. | 121.40 | 16.67 | 1.34 | 60.00 |
| * 6970.000 | 134.13 | 0.61 | 121.40 | 16.67 | 1.32 | 60.00 |
| 6980.000 | 132.79 | 0. | 121.40 | 0. | 1.00 | 10.00 |
| 6980.000 | 133.39 | 0. | 121.40 | 0. | 1.00 | 10.00 |
| 6980.000 | 133.52 | 0. | 121.40 | 0. | 1.00 | 10.00 |
| 6980.000 | 134.13 | 0.61 | 121.40 | 0. | 1.00 | 10.00 |
| 8250.000 | 132.87 | 0. | 121.00 | -0.31 | 0.39 | 1270.00 |
| 8250.000 | 133.48 | 0. | 121.00 | -0.31 | 0.47 | 1270.00 |
| 8250.000 | 133.62 | 0. | 121.00 | -0.31 | 0.49 | 1270.00 |
| 8250.000 | 134.27 | 0.65 | 121.00 | -0.31 | 0.59 | 1270.00 |
| 9000.000 | 133.19 | 0. | 122.50 | 2.00 | 0.41 | 750.00 |
| 9000.000 | 133.73 | 0. | 122.50 | 2.00 | 0.41 | 750.00 |
| 9000.000 | 133.88 | 0. | 122.50 | 2.00 | 0.42 | 750.00 |
| 9000.000 | 134.53 | 0.65 | 122.50 | 2.00 | 0.47 | 750.00 |

| SECNO | CWSEL | DIFWSP | ELHIN | KWCHSL | KRATTD | XLCH |
|------------|--------|--------|--------|--------|--------|--------|
| 9400.000 | 133.61 | 0. | 123.70 | 3.00 | 0.49 | 400.00 |
| 9400.000 | 133.62 | 0. | 123.70 | 3.00 | 0.32 | 400.00 |
| 9400.000 | 133.45 | 0. | 123.70 | 3.00 | 0.27 | 400.00 |
| * 9400.000 | 136.04 | 2.59 | 123.70 | 3.00 | 0.47 | 400.00 |
| 9420.000 | 133.77 | 0. | 123.70 | 0. | 1.03 | 20.00 |
| 9420.000 | 134.01 | 0. | 123.70 | 0. | 1.08 | 20.00 |
| 9420.000 | 134.10 | 0. | 123.70 | 0. | 1.13 | 20.00 |
| 9420.000 | 136.20 | 2.10 | 123.70 | 0. | 1.06 | 20.00 |
| * 9610.000 | 135.85 | 0. | 123.80 | 0.53 | 1.93 | 190.00 |
| * 9610.000 | 135.87 | 0. | 123.80 | 0.53 | 1.85 | 190.00 |
| 9610.000 | 135.84 | 0. | 123.80 | 0.53 | 1.81 | 190.00 |
| 9610.000 | 136.81 | 0.97 | 123.80 | 0.53 | 1.72 | 190.00 |
| 9630.000 | 135.88 | 0. | 123.80 | 0. | 1.00 | 20.00 |
| 9630.000 | 135.92 | 0. | 123.80 | 0. | 1.01 | 20.00 |
| 9630.000 | 135.91 | 0. | 123.80 | 0. | 1.01 | 20.00 |
| 9630.000 | 136.02 | 0.11 | 123.80 | 0. | 0.41 | 20.00 |
| 9650.000 | 135.91 | 0. | 123.80 | 0. | 1.01 | 20.00 |
| 9650.000 | 135.99 | 0. | 123.80 | 0. | 1.02 | 20.00 |
| 9650.000 | 136.01 | 0. | 123.80 | 0. | 1.03 | 20.00 |
| 9650.000 | 136.33 | 0.32 | 123.80 | 0. | 1.09 | 20.00 |
| 9930.000 | 136.70 | 0. | 125.00 | 4.29 | 1.42 | 280.00 |
| * 9930.000 | 136.85 | 0. | 125.00 | 4.29 | 1.48 | 280.00 |
| * 9930.000 | 136.91 | 0. | 125.00 | 4.29 | 1.51 | 280.00 |
| 9930.000 | 137.50 | 0.60 | 125.00 | 4.29 | 3.26 | 280.00 |
| 9950.000 | 136.70 | 0. | 125.00 | 0. | 1.00 | 20.00 |
| 9950.000 | 136.86 | 0. | 125.00 | 0. | 1.00 | 20.00 |
| 9950.000 | 136.92 | 0. | 125.00 | 0. | 1.00 | 20.00 |
| 9950.000 | 137.51 | 0.59 | 125.00 | 0. | 1.01 | 20.00 |
| 10445.000 | 136.79 | 0. | 128.10 | 6.26 | 2.10 | 495.00 |
| 10445.000 | 136.99 | 0. | 128.10 | 6.26 | 2.22 | 495.00 |
| 10445.000 | 137.07 | 0. | 128.10 | 6.26 | 2.27 | 495.00 |
| 10445.000 | 137.59 | 0.52 | 128.10 | 6.26 | 1.26 | 495.00 |
| 10945.000 | 136.83 | 0. | 131.00 | 5.80 | 0.66 | 500.00 |
| 10945.000 | 137.05 | 0. | 131.00 | 5.80 | 0.68 | 500.00 |
| 10945.000 | 137.19 | 0. | 131.00 | 5.80 | 0.69 | 500.00 |
| 10945.000 | 137.67 | 0.54 | 131.00 | 5.80 | 0.75 | 500.00 |

10-YR TO MEADOW R
SUMMARY PRINTOUT

| SECNO | CWSEL | DIFWSP | DIFWSX | ELTRD | ELLC | AREA |
|-----------|--------|--------|--------|--------|--------|---------|
| * 380.000 | 120.61 | 0. | 0. | 0. | 0. | 473.60 |
| 380.000 | 122.75 | 0. | 0. | 0. | 0. | 1251.22 |
| 380.000 | 124.41 | 0. | 0. | 0. | 0. | 2043.54 |
| 380.000 | 126.54 | 2.13 | 0. | 0. | 0. | 3403.36 |
| * 400.000 | 121.50 | 0. | 0.89 | 0. | 0. | 203.84 |
| * 400.000 | 122.58 | 0. | -0.17 | 0. | 0. | 253.90 |
| * 400.000 | 123.03 | 0. | -1.38 | 0. | 0. | 274.98 |
| 400.000 | 126.55 | 3.52 | 0.01 | 0. | 0. | 3409.26 |
| 700.000 | 125.15 | 0. | 3.65 | 124.70 | 121.60 | 5320.19 |
| 700.000 | 125.70 | 0. | 3.12 | 124.70 | 121.60 | 6101.81 |
| 700.000 | 125.91 | 0. | 2.88 | 124.70 | 121.60 | 6386.24 |
| 700.000 | 127.09 | 1.18 | 0.54 | 124.70 | 121.60 | 8105.57 |
| 750.000 | 125.16 | 0. | 0.00 | 0. | 0. | 5318.03 |
| 750.000 | 125.70 | 0. | 0.00 | 0. | 0. | 6098.35 |
| 750.000 | 125.91 | 0. | 0.00 | 0. | 0. | 6400.13 |
| 750.000 | 127.09 | 1.18 | 0.00 | 0. | 0. | 8110.40 |
| 800.000 | 125.16 | 0. | 0.00 | 0. | 0. | 5321.05 |
| 800.000 | 125.71 | 0. | 0.00 | 0. | 0. | 6102.24 |
| 800.000 | 125.92 | 0. | 0.00 | 0. | 0. | 6404.37 |
| 800.000 | 127.09 | 1.18 | 0.00 | 0. | 0. | 8103.55 |
| 1500.000 | 125.19 | 0. | 0.04 | 0. | 0. | 4659.19 |
| 1500.000 | 125.75 | 0. | 0.05 | 0. | 0. | 5644.49 |
| 1500.000 | 125.96 | 0. | 0.05 | 0. | 0. | 5749.99 |
| 1500.000 | 127.15 | 1.18 | 0.06 | 0. | 0. | 7452.33 |
| 2200.000 | 125.25 | 0. | 0.05 | 0. | 0. | 4044.25 |
| 2200.000 | 125.81 | 0. | 0.06 | 0. | 0. | 4821.27 |
| 2200.000 | 126.03 | 0. | 0.07 | 0. | 0. | 5129.31 |
| 2200.000 | 127.22 | 1.19 | 0.07 | 0. | 0. | 6832.48 |
| 2750.000 | 125.28 | 0. | 0.04 | 0. | 0. | 1080.84 |
| 2750.000 | 125.87 | 0. | 0.06 | 0. | 0. | 1434.67 |
| 2750.000 | 126.10 | 0. | 0.07 | 0. | 0. | 1540.60 |
| 2750.000 | 127.30 | 1.20 | 0.08 | 0. | 0. | 2467.46 |
| 3780.000 | 126.75 | 0. | 1.47 | 0. | 0. | 1311.67 |
| 3780.000 | 127.34 | 0. | 1.47 | 0. | 0. | 1702.62 |
| 3780.000 | 127.56 | 0. | 1.46 | 0. | 0. | 1851.73 |
| 3780.000 | 128.54 | 0.99 | 1.20 | 0. | 0. | 2674.87 |
| 3860.000 | 126.91 | 0. | 0.16 | 124.40 | 124.70 | 1268.19 |
| 3860.000 | 127.50 | 0. | 0.16 | 124.40 | 124.70 | 1640.16 |
| 3860.000 | 127.72 | 0. | 0.17 | 124.40 | 124.70 | 1788.00 |
| 3860.000 | 128.70 | 0.98 | 0.16 | 124.40 | 124.70 | 2515.67 |
| 4410.000 | 127.84 | 0. | 0.93 | 0. | 0. | 1274.19 |
| 4410.000 | 128.46 | 0. | 0.96 | 0. | 0. | 1600.12 |
| 4410.000 | 128.69 | 0. | 0.97 | 0. | 0. | 1730.38 |
| 4410.000 | 129.68 | 0.99 | 0.98 | 0. | 0. | 2338.45 |

SECNO CWBEL DIFWSP DIFWSX ELTRD ELCC AREA

4430.000 127.86 0. 0.02 0. 0. 1282.97
 4430.000 128.48 0. 0.02 0. 0. 1615.64
 4430.000 128.71 0. 0.02 0. 0. 1746.05
 4430.000 129.70 0.99 0.02 0. 0. 2355.48

4500.000 128.02 0. 0.16 124.70 122.80 1223.77
 * 4500.000 128.71 0. 0.23 124.70 122.80 1531.79
 * 4500.000 128.97 0. 0.25 124.70 122.80 1657.61
 * 4500.000 130.12 1.16 0.42 124.70 122.80 2300.73

4520.000 128.04 0. 0.02 0. 0. 1230.75
 4520.000 128.73 0. 0.02 0. 0. 1540.37
 4520.000 128.99 0. 0.02 0. 0. 1666.83
 4520.000 130.14 1.16 0.02 0. 0. 2312.78

4950.000 128.47 0. 0.43 0. 0. 1073.85
 4950.000 129.17 0. 0.44 0. 0. 1386.72
 4950.000 129.43 0. 0.45 0. 0. 1513.77
 4950.000 130.59 1.16 0.45 0. 0. 2207.23

5050.000 127.68 0. -0.79 0. 0. 221.25
 * 5050.000 129.50 0. 0.33 0. 0. 1219.51
 5050.000 129.54 0. 0.11 0. 0. 1239.03
 5050.000 130.70 1.16 0.11 0. 0. 2006.38

* 5250.000 130.99 0. 3.32 130.50 125.60 2302.70
 * 5250.000 131.58 0. 2.08 130.50 125.60 2980.10
 * 5250.000 131.72 0. 2.17 130.50 125.60 3175.25
 * 5250.000 132.41 0.70 1.71 130.50 125.60 4206.94

5300.000 130.88 0. -0.12 0. 0. 877.12
 5300.000 131.48 0. -0.10 0. 0. 1206.09
 5300.000 131.60 0. -0.11 0. 0. 1281.50
 5300.000 132.29 0.68 -0.12 0. 0. 1708.05

5350.000 131.00 0. 0.12 0. 0. 938.67
 5350.000 131.60 0. 0.12 0. 0. 1277.85
 5350.000 131.74 0. 0.14 0. 0. 1362.44
 5350.000 132.45 0.71 0.16 0. 0. 1813.54

5700.000 131.37 0. 0.37 0. 0. 2473.04
 5700.000 131.97 0. 0.37 0. 0. 3039.07
 5700.000 132.13 0. 0.39 0. 0. 3210.40
 5700.000 132.92 0.79 0.47 0. 0. 4091.98

5720.000 130.73 0. -0.63 0. 0. 291.54
 5720.000 130.77 0. -1.20 0. 0. 293.02
 5720.000 132.14 0. 0.01 0. 0. 3225.76
 5720.000 132.93 0.79 0.01 0. 0. 4114.28

* 5830.000 130.90 0. 0.16 131.50 128.20 263.96
 * 5830.000 132.21 0. 1.44 131.50 128.20 940.68
 * 5830.000 132.41 0. 0.28 131.50 128.20 1192.20
 * 5830.000 132.92 0.50 -0.01 131.50 128.20 2077.58

| SECNO | CWSEL | DIFWSP | DIFWSX | ELTRD | ELLC | AREA |
|------------|--------|--------|--------|--------|--------|---------|
| 5850.000 | 131.15 | 0. | 0.26 | 0. | 0. | 274.72 |
| 5850.000 | 132.74 | 0. | 0.53 | 0. | 0. | 1762.15 |
| 5850.000 | 132.80 | 0. | 0.39 | 0. | 0. | 1883.94 |
| 5850.000 | 133.13 | 0.33 | 0.22 | 0. | 0. | 2477.83 |
| 6400.000 | 132.64 | 0. | 1.49 | 0. | 0. | 2444.59 |
| 6400.000 | 133.22 | 0. | 0.48 | 0. | 0. | 2926.71 |
| 6400.000 | 133.33 | 0. | 0.53 | 0. | 0. | 3025.56 |
| 6400.000 | 133.55 | 0.52 | 0.71 | 0. | 0. | 3506.58 |
| 6900.000 | 132.71 | 0. | 0.07 | 0. | 0. | 4498.15 |
| 6900.000 | 133.30 | 0. | 0.08 | 0. | 0. | 5574.36 |
| 6900.000 | 133.42 | 0. | 0.09 | 0. | 0. | 5806.05 |
| 6900.000 | 133.99 | 0.57 | 0.14 | 0. | 0. | 6926.91 |
| 6910.000 | 132.71 | 0. | 0.00 | 0. | 0. | 4514.28 |
| 6910.000 | 133.30 | 0. | 0.00 | 0. | 0. | 5578.52 |
| 6910.000 | 133.42 | 0. | 0.00 | 0. | 0. | 5811.06 |
| 6910.000 | 133.99 | 0.57 | 0.00 | 0. | 0. | 6936.19 |
| * 6970.000 | 132.79 | 0. | 0.07 | 130.50 | 125.00 | 6030.99 |
| * 6970.000 | 133.39 | 0. | 0.09 | 130.50 | 125.00 | 7092.84 |
| * 6970.000 | 133.52 | 0. | 0.10 | 130.50 | 125.00 | 7325.32 |
| * 6970.000 | 134.13 | 0.61 | 0.14 | 130.50 | 125.00 | 8416.42 |
| 6980.000 | 132.79 | 0. | 0.00 | 0. | 0. | 6027.22 |
| 6980.000 | 133.39 | 0. | 0.00 | 0. | 0. | 7087.73 |
| 6980.000 | 133.52 | 0. | 0.00 | 0. | 0. | 7319.35 |
| 6980.000 | 134.13 | 0.61 | 0.00 | 0. | 0. | 8405.45 |
| 8250.000 | 132.87 | 0. | 0.09 | 0. | 0. | 3620.39 |
| 8250.000 | 133.48 | 0. | 0.09 | 0. | 0. | 5080.87 |
| 8250.000 | 133.62 | 0. | 0.10 | 0. | 0. | 5435.73 |
| 8250.000 | 134.27 | 0.65 | 0.14 | 0. | 0. | 7114.26 |
| 9000.000 | 133.19 | 0. | 0.31 | 0. | 0. | 1339.35 |
| 9000.000 | 133.73 | 0. | 0.25 | 0. | 0. | 2065.37 |
| 9000.000 | 133.88 | 0. | 0.26 | 0. | 0. | 2320.19 |
| 9000.000 | 134.53 | 0.65 | 0.26 | 0. | 0. | 3581.50 |
| 9400.000 | 133.61 | 0. | 0.43 | 0. | 0. | 299.16 |
| 9400.000 | 133.62 | 0. | 0.12 | 0. | 0. | 299.43 |
| 9400.000 | 133.45 | 0. | 0.43 | 0. | 0. | 292.40 |
| * 9400.000 | 136.04 | 2.59 | 1.51 | 0. | 0. | 1107.56 |
| 9420.000 | 133.77 | 0. | 0.16 | 0. | 0. | 305.68 |
| 9420.000 | 134.01 | 0. | 0.39 | 0. | 0. | 315.97 |
| 9420.000 | 134.10 | 0. | 0.65 | 0. | 0. | 319.70 |
| 9420.000 | 136.20 | 2.10 | 0.15 | 0. | 0. | 1169.10 |
| * 9610.000 | 135.65 | 0. | 2.08 | 135.60 | 134.00 | 571.53 |
| * 9610.000 | 135.87 | 0. | 1.86 | 135.60 | 134.00 | 573.81 |
| 9610.000 | 135.84 | 0. | 1.74 | 135.60 | 134.00 | 570.38 |
| 9610.000 | 136.81 | 0.97 | 0.61 | 135.60 | 134.00 | 2370.96 |

| SECNO | CWSEL | DIFMSP | DIFMSA | ELTRD | ELLC | AREA |
|-----------|--------|--------|--------|--------|--------|---------|
| 9630.000 | 135.88 | 0. | 0.03 | 0. | 0. | 559.57 |
| 9630.000 | 135.92 | 0. | 0.06 | 0. | 0. | 563.07 |
| 9630.000 | 135.91 | 0. | 0.07 | 0. | 0. | 562.17 |
| 9630.000 | 136.02 | 0.11 | -0.79 | 0. | 0. | 571.02 |
| 9650.000 | 135.91 | 0. | 0.04 | 0. | 0. | 578.20 |
| 9650.000 | 135.99 | 0. | 0.07 | 0. | 0. | 587.44 |
| 9650.000 | 136.01 | 0. | 0.09 | 0. | 0. | 589.97 |
| 9650.000 | 136.33 | 0.52 | 0.51 | 0. | 0. | 655.75 |
| 9930.000 | 136.70 | 0. | 0.79 | 136.30 | 134.20 | 1069.41 |
| 9930.000 | 136.85 | 0. | 0.86 | 136.30 | 134.20 | 1126.30 |
| 9930.000 | 136.91 | 0. | 0.90 | 136.30 | 134.20 | 1148.96 |
| 9930.000 | 137.50 | 0.60 | 1.17 | 136.30 | 134.20 | 3121.76 |
| 9950.000 | 136.70 | 0. | 0.01 | 0. | 0. | 1073.58 |
| 9950.000 | 136.86 | 0. | 0.01 | 0. | 0. | 1129.58 |
| 9950.000 | 136.92 | 0. | 0.01 | 0. | 0. | 1152.91 |
| 9950.000 | 137.51 | 0.59 | 0.00 | 0. | 0. | 3137.33 |
| 10445.000 | 136.79 | 0. | 0.09 | 0. | 0. | 2932.99 |
| 10445.000 | 136.99 | 0. | 0.13 | 0. | 0. | 3187.93 |
| 10445.000 | 137.07 | 0. | 0.15 | 0. | 0. | 3294.61 |
| 10445.000 | 137.59 | 0.52 | 0.09 | 0. | 0. | 3997.21 |
| 10945.000 | 136.83 | 0. | 0.04 | 0. | 0. | 2180.90 |
| 10945.000 | 137.05 | 0. | 0.06 | 0. | 0. | 2475.38 |
| 10945.000 | 137.14 | 0. | 0.06 | 0. | 0. | 2611.70 |
| 10945.000 | 137.67 | 0.54 | 0.08 | 0. | 0. | 3572.34 |

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10-YR O MEADOW B
SUMMARY PRINTOUT

| | SLCNO | CWSEL | O | QLOR | VLOR | QCH | VCH | QROR | VROR | DEPTH |
|---|----------|--------|---------|---------|------|---------|-------|---------|------|-------|
| * | 380.000 | 120.61 | 2460.00 | 124.37 | 2.57 | 1410.83 | 8.47 | 924.79 | 3.58 | 6.81 |
| | 380.000 | 122.75 | 3360.00 | 618.54 | 1.84 | 1039.69 | 3.97 | 1701.77 | 2.60 | 8.95 |
| | 380.000 | 124.41 | 3750.00 | 1020.08 | 1.38 | 893.28 | 2.61 | 1836.64 | 1.91 | 10.61 |
| | 380.000 | 126.54 | 5760.00 | 2122.63 | 1.32 | 1089.82 | 2.44 | 2547.55 | 1.88 | 12.74 |
| * | 400.000 | 121.50 | 2460.00 | 0. | 0. | 2460.00 | 12.07 | 0. | 0. | 7.70 |
| * | 400.000 | 122.58 | 3360.00 | 0. | 0. | 3360.00 | 13.23 | 0. | 0. | 8.78 |
| * | 400.000 | 123.03 | 3750.00 | 0. | 0. | 3750.00 | 13.64 | 0. | 0. | 9.23 |
| | 400.000 | 126.55 | 5760.00 | 2124.66 | 1.32 | 1088.94 | 2.44 | 2546.40 | 1.88 | 12.75 |
| | 700.000 | 125.15 | 2460.00 | 1005.04 | 0.45 | 292.53 | 0.83 | 1162.42 | 0.42 | 11.15 |
| | 700.000 | 125.70 | 3360.00 | 1377.28 | 0.54 | 360.54 | 0.97 | 1622.18 | 0.51 | 11.70 |
| | 700.000 | 125.91 | 3750.00 | 1539.05 | 0.58 | 388.93 | 1.02 | 1822.03 | 0.55 | 11.91 |
| | 700.000 | 127.09 | 5760.00 | 2381.49 | 0.70 | 501.85 | 1.18 | 2876.66 | 0.67 | 13.09 |
| | 750.000 | 125.16 | 2460.00 | 1005.04 | 0.45 | 292.62 | 0.83 | 1162.30 | 0.42 | 11.16 |
| | 750.000 | 125.70 | 3360.00 | 1377.26 | 0.54 | 360.69 | 0.97 | 1622.05 | 0.51 | 11.70 |
| | 750.000 | 125.91 | 3750.00 | 1539.14 | 0.57 | 388.30 | 1.02 | 1822.56 | 0.55 | 11.91 |
| | 750.000 | 127.09 | 5760.00 | 2381.54 | 0.70 | 501.64 | 1.18 | 2876.82 | 0.67 | 13.09 |
| | 800.000 | 125.16 | 2460.00 | 1005.05 | 0.45 | 292.50 | 0.83 | 1162.45 | 0.42 | 11.16 |
| | 800.000 | 125.71 | 3360.00 | 1377.28 | 0.54 | 360.52 | 0.97 | 1622.20 | 0.51 | 11.71 |
| | 800.000 | 125.92 | 3750.00 | 1539.17 | 0.57 | 388.10 | 1.02 | 1822.73 | 0.55 | 11.92 |
| | 800.000 | 127.09 | 5760.00 | 2381.47 | 0.70 | 501.94 | 1.18 | 2876.50 | 0.68 | 13.09 |
| | 1500.000 | 125.19 | 2460.00 | 999.73 | 0.52 | 322.12 | 0.46 | 1138.15 | 0.48 | 10.69 |
| | 1500.000 | 125.75 | 3360.00 | 1373.44 | 0.61 | 392.70 | 1.10 | 1593.84 | 0.56 | 11.25 |
| | 1500.000 | 125.96 | 3750.00 | 1534.82 | 0.64 | 420.70 | 1.16 | 1794.48 | 0.60 | 11.46 |
| | 1500.000 | 127.15 | 5760.00 | 2374.92 | 0.76 | 533.14 | 1.31 | 2851.90 | 0.73 | 12.65 |
| | 2200.000 | 125.25 | 2460.00 | 993.68 | 0.60 | 356.21 | 1.12 | 1110.11 | 0.54 | 10.25 |
| | 2200.000 | 125.81 | 3360.00 | 1347.78 | 0.68 | 429.33 | 1.26 | 1562.80 | 0.63 | 10.81 |
| | 2200.000 | 126.03 | 3750.00 | 1530.93 | 0.72 | 458.28 | 1.32 | 1760.79 | 0.66 | 11.03 |
| | 2200.000 | 127.22 | 5760.00 | 2368.58 | 0.83 | 568.18 | 1.45 | 2823.20 | 0.79 | 12.22 |
| | 2750.000 | 125.28 | 2460.00 | 544.97 | 1.34 | 1146.32 | 4.19 | 748.71 | 1.92 | 9.78 |
| | 2750.000 | 125.87 | 3360.00 | 957.36 | 1.62 | 1293.28 | 4.35 | 1109.34 | 2.03 | 10.37 |
| | 2750.000 | 126.10 | 3750.00 | 1139.84 | 1.71 | 1344.99 | 4.38 | 1265.17 | 2.06 | 10.60 |
| | 2750.000 | 127.30 | 5760.00 | 2125.24 | 1.92 | 1501.36 | 4.19 | 2133.40 | 2.13 | 11.80 |
| | 3780.000 | 126.75 | 2460.00 | 796.90 | 1.18 | 1145.52 | 3.47 | 517.58 | 1.69 | 11.95 |
| | 3780.000 | 127.34 | 3360.00 | 1318.84 | 1.39 | 1320.40 | 3.71 | 720.74 | 1.80 | 12.54 |
| | 3780.000 | 127.56 | 3750.00 | 1550.51 | 1.47 | 1389.12 | 3.81 | 810.37 | 1.84 | 12.76 |
| | 3780.000 | 128.54 | 5760.00 | 2809.47 | 1.74 | 1654.66 | 4.06 | 1295.84 | 1.98 | 13.74 |
| | 3860.000 | 126.91 | 2460.00 | 1158.48 | 1.43 | 855.92 | 3.70 | 445.60 | 1.95 | 10.51 |
| | 3860.000 | 127.50 | 3360.00 | 1791.22 | 1.64 | 933.45 | 3.75 | 635.37 | 2.14 | 11.10 |
| | 3860.000 | 127.72 | 3750.00 | 2067.57 | 1.71 | 965.27 | 3.78 | 717.14 | 2.22 | 11.32 |
| | 3860.000 | 128.70 | 5760.00 | 3505.39 | 1.99 | 1071.83 | 3.78 | 1182.78 | 2.53 | 12.30 |
| | 4410.000 | 127.84 | 2270.00 | 1282.24 | 1.47 | 867.65 | 3.23 | 120.11 | 0.89 | 12.34 |
| | 4410.000 | 128.46 | 3110.00 | 1848.23 | 1.69 | 1018.19 | 3.54 | 243.58 | 1.11 | 12.96 |
| | 4410.000 | 128.69 | 3470.00 | 2090.27 | 1.77 | 1075.42 | 3.65 | 304.31 | 1.20 | 13.19 |
| | 4410.000 | 129.68 | 5320.00 | 3336.59 | 2.08 | 1332.34 | 4.11 | 651.07 | 1.58 | 14.18 |

| SECNO | CWSEL | Q | QLOB | VLDR | QCH | VCH | QRDR | VRDR | DEPTH |
|------------|--------|---------|---------|------|---------|-------|---------|------|-------|
| 4430.000 | 127.86 | 2270.00 | 1284.70 | 1.47 | 863.76 | 3.21 | 121.54 | 0.88 | 12.36 |
| 4430.000 | 128.48 | 3110.00 | 1851.48 | 1.68 | 1011.35 | 3.51 | 247.1A | 1.10 | 12.98 |
| 4430.000 | 128.71 | 3470.00 | 2093.33 | 1.76 | 1068.63 | 3.62 | 308.00 | 1.19 | 13.21 |
| 4430.000 | 129.70 | 5320.00 | 3339.22 | 2.07 | 1325.52 | 4.08 | 655.26 | 1.57 | 14.20 |
| 4500.000 | 128.02 | 2270.00 | 1164.90 | 1.51 | 870.31 | 3.23 | 234.70 | 1.30 | 10.22 |
| * 4500.000 | 128.71 | 3110.00 | 1706.84 | 1.73 | 1024.83 | 3.49 | 378.32 | 1.52 | 10.91 |
| * 4500.000 | 128.97 | 3470.00 | 1942.04 | 1.80 | 1086.30 | 3.59 | 441.66 | 1.60 | 11.17 |
| * 4500.000 | 130.12 | 5320.00 | 3187.22 | 2.05 | 1355.22 | 3.95 | 777.56 | 1.94 | 12.32 |
| 4520.000 | 128.04 | 2270.00 | 1167.22 | 1.50 | 866.86 | 3.21 | 235.92 | 1.29 | 10.24 |
| 4520.000 | 128.73 | 3110.00 | 1709.30 | 1.72 | 1021.09 | 3.47 | 379.61 | 1.51 | 10.93 |
| 4520.000 | 128.99 | 3470.00 | 1944.60 | 1.79 | 1082.43 | 3.57 | 442.98 | 1.60 | 11.19 |
| 4520.000 | 130.14 | 5320.00 | 3190.21 | 2.04 | 1350.88 | 3.93 | 778.91 | 1.93 | 12.34 |
| 4950.000 | 128.47 | 2270.00 | 1107.39 | 1.81 | 910.48 | 3.57 | 252.13 | 1.22 | 10.17 |
| 4950.000 | 129.17 | 3110.00 | 1582.93 | 1.98 | 1059.61 | 3.79 | 467.46 | 1.52 | 10.87 |
| 4950.000 | 129.43 | 3470.00 | 1788.31 | 2.04 | 1119.44 | 3.88 | 562.25 | 1.62 | 11.13 |
| 4950.000 | 130.59 | 5320.00 | 2895.18 | 2.18 | 1358.18 | 4.13 | 1066.65 | 1.93 | 12.29 |
| 5050.000 | 127.68 | 2270.00 | 0. | 0. | 2270.00 | 10.26 | 0. | 0. | 9.18 |
| * 5050.000 | 129.50 | 3110.00 | 1809.78 | 2.16 | 1171.78 | 4.13 | 126.44 | 1.31 | 11.00 |
| 5050.000 | 129.54 | 3470.00 | 2026.04 | 2.38 | 1297.42 | 4.55 | 146.50 | 1.42 | 11.04 |
| 5050.000 | 130.70 | 5320.00 | 3264.95 | 2.55 | 1568.25 | 4.81 | 486.80 | 1.22 | 12.20 |
| * 5250.000 | 130.90 | 2270.00 | 1389.18 | 0.98 | 619.72 | 1.84 | 261.10 | 0.48 | 12.49 |
| * 5250.000 | 131.58 | 3110.00 | 1876.38 | 1.07 | 727.05 | 2.04 | 506.57 | 0.59 | 13.08 |
| * 5250.000 | 131.72 | 3470.00 | 2088.82 | 1.11 | 781.25 | 2.16 | 599.93 | 0.64 | 13.22 |
| * 5250.000 | 132.41 | 5320.00 | 3167.47 | 1.29 | 986.90 | 2.56 | 1165.63 | 0.85 | 13.91 |
| 5300.000 | 130.88 | 2270.00 | 278.97 | 1.58 | 1510.99 | 4.61 | 480.00 | 1.29 | 13.28 |
| 5300.000 | 131.48 | 3110.00 | 467.47 | 1.81 | 1695.97 | 4.81 | 946.56 | 1.59 | 13.88 |
| 5300.000 | 131.60 | 3470.00 | 539.04 | 1.90 | 1814.95 | 5.07 | 1116.01 | 1.73 | 14.00 |
| 5300.000 | 132.29 | 5320.00 | 946.92 | 2.39 | 2253.53 | 5.81 | 2119.50 | 2.29 | 14.69 |
| 5350.000 | 131.00 | 2270.00 | 292.48 | 1.53 | 1452.91 | 4.37 | 524.61 | 1.27 | 13.40 |
| 5350.000 | 131.60 | 3110.00 | 482.39 | 1.74 | 1629.88 | 4.56 | 997.73 | 1.55 | 14.00 |
| 5350.000 | 131.74 | 3470.00 | 556.43 | 1.86 | 1738.42 | 4.78 | 1175.15 | 1.68 | 14.14 |
| 5350.000 | 132.45 | 5320.00 | 469.64 | 2.27 | 2155.13 | 5.46 | 2195.23 | 2.21 | 14.85 |
| 5700.000 | 131.37 | 2270.00 | 1677.84 | 0.91 | 471.17 | 1.47 | 120.99 | 0.39 | 11.87 |
| 5700.000 | 131.97 | 3110.00 | 2277.50 | 1.04 | 570.81 | 1.65 | 261.70 | 0.51 | 12.47 |
| 5700.000 | 132.13 | 3470.00 | 2530.58 | 1.11 | 617.84 | 1.74 | 321.58 | 0.56 | 12.63 |
| 5700.000 | 132.92 | 5320.00 | 3791.74 | 1.37 | 828.40 | 2.12 | 699.86 | 0.76 | 13.42 |
| 5720.000 | 130.73 | 2270.00 | 0. | 0. | 2270.00 | 7.79 | 0. | 0. | 11.23 |
| 5720.000 | 130.77 | 3110.00 | 0. | 0. | 3110.00 | 10.61 | 0. | 0. | 11.27 |
| 5720.000 | 132.14 | 3470.00 | 2529.62 | 1.10 | 616.21 | 1.73 | 324.17 | 0.56 | 12.64 |
| 5720.000 | 132.93 | 5320.00 | 3789.35 | 1.36 | 825.89 | 2.11 | 704.77 | 0.75 | 13.43 |
| * 5830.000 | 130.90 | 2270.00 | 0. | 0. | 2270.00 | 8.60 | 0. | 0. | 11.10 |
| * 5830.000 | 132.21 | 3110.00 | 316.24 | 1.16 | 2316.38 | 7.25 | 477.38 | 1.37 | 12.41 |
| * 5830.000 | 132.41 | 3470.00 | 497.89 | 1.33 | 2278.48 | 6.95 | 693.63 | 1.42 | 12.61 |
| * 5830.000 | 132.92 | 5320.00 | 1147.20 | 1.75 | 2437.37 | 6.99 | 1735.43 | 1.62 | 13.12 |

| SECNO | CWSEL | Q | QLOB | VLOB | QCH | VCH | QORR | VROR | DEPTH |
|------------|--------|---------|---------|------|---------|-------|---------|------|-------|
| 5850.000 | 131.15 | 2270.00 | 0. | 0. | 2270.00 | 8.26 | 0. | 0. | 11.35 |
| 5850.000 | 132.74 | 3110.00 | 611.28 | 1.10 | 1614.72 | 4.73 | 884.00 | 1.02 | 12.94 |
| 5850.000 | 132.80 | 3470.00 | 709.51 | 1.19 | 1715.60 | 4.98 | 1044.80 | 1.11 | 13.00 |
| 5850.000 | 133.13 | 5320.00 | 1246.51 | 1.59 | 2099.76 | 5.87 | 1973.73 | 1.48 | 13.33 |
| 6400.000 | 132.64 | 2270.00 | 520.67 | 0.78 | 504.76 | 1.71 | 1244.57 | 0.64 | 12.34 |
| 6400.000 | 133.22 | 3110.00 | 761.95 | 0.88 | 606.13 | 1.93 | 1741.92 | 1.00 | 12.92 |
| 6400.000 | 133.33 | 3470.00 | 861.06 | 0.95 | 660.37 | 2.08 | 1948.57 | 1.08 | 13.03 |
| 6400.000 | 133.85 | 5320.00 | 1400.32 | 1.24 | 912.28 | 2.73 | 3007.40 | 1.48 | 13.55 |
| 6900.000 | 132.71 | 2270.00 | 1125.24 | 0.50 | 527.64 | 1.01 | 617.12 | 0.36 | 12.31 |
| 6900.000 | 133.30 | 3110.00 | 1532.56 | 0.56 | 617.20 | 1.12 | 960.20 | 0.42 | 12.90 |
| 6900.000 | 133.42 | 3470.00 | 1707.97 | 0.60 | 667.93 | 1.19 | 1094.00 | 0.46 | 13.02 |
| 6900.000 | 133.99 | 5320.00 | 2605.06 | 0.77 | 896.48 | 1.52 | 1818.46 | 0.62 | 13.59 |
| 6910.000 | 132.71 | 2270.00 | 1125.13 | 0.50 | 526.28 | 1.01 | 618.58 | 0.36 | 12.31 |
| 6910.000 | 133.30 | 3110.00 | 1532.52 | 0.55 | 616.86 | 1.12 | 960.62 | 0.42 | 12.90 |
| 6910.000 | 133.42 | 3470.00 | 1707.93 | 0.59 | 667.50 | 1.19 | 1094.57 | 0.46 | 13.02 |
| 6910.000 | 133.99 | 5320.00 | 2604.95 | 0.77 | 895.58 | 1.51 | 1819.47 | 0.62 | 13.59 |
| * 6970.000 | 132.79 | 2270.00 | 1188.17 | 0.40 | 262.93 | 0.69 | 818.90 | 0.31 | 11.39 |
| * 6970.000 | 133.39 | 3110.00 | 1592.45 | 0.46 | 316.80 | 0.77 | 1200.70 | 0.37 | 11.99 |
| * 6970.000 | 133.52 | 3470.00 | 1769.20 | 0.50 | 344.93 | 0.83 | 1355.86 | 0.41 | 12.12 |
| * 6970.000 | 134.13 | 5320.00 | 2666.44 | 0.66 | 476.76 | 1.08 | 2176.80 | 0.55 | 12.73 |
| 6980.000 | 132.79 | 2270.00 | 1188.27 | 0.40 | 263.07 | 0.69 | 818.67 | 0.31 | 11.39 |
| 6980.000 | 133.39 | 3110.00 | 1592.61 | 0.46 | 316.98 | 0.77 | 1200.42 | 0.37 | 11.99 |
| 6980.000 | 133.52 | 3470.00 | 1769.39 | 0.50 | 345.14 | 0.83 | 1355.46 | 0.41 | 12.12 |
| 6980.000 | 134.13 | 5320.00 | 2666.80 | 0.66 | 477.21 | 1.08 | 2175.98 | 0.56 | 12.73 |
| 8250.000 | 132.87 | 2270.00 | 540.04 | 0.72 | 354.16 | 1.41 | 1375.81 | 0.52 | 11.87 |
| 8250.000 | 133.48 | 3110.00 | 691.52 | 0.71 | 360.62 | 1.31 | 2057.86 | 0.54 | 12.48 |
| 8250.000 | 133.62 | 3470.00 | 757.88 | 0.73 | 377.10 | 1.35 | 2335.03 | 0.57 | 12.62 |
| 8250.000 | 134.27 | 5320.00 | 1091.84 | 0.82 | 444.86 | 1.45 | 3783.31 | 0.69 | 13.27 |
| 9000.000 | 133.19 | 2270.00 | 611.49 | 1.71 | 586.65 | 3.16 | 1071.86 | 1.35 | 10.69 |
| 9000.000 | 133.73 | 3110.00 | 816.09 | 1.68 | 589.39 | 2.90 | 1704.51 | 1.24 | 11.23 |
| 9000.000 | 133.88 | 3470.00 | 897.02 | 1.70 | 601.97 | 2.89 | 1971.02 | 1.24 | 11.38 |
| 9000.000 | 134.53 | 5320.00 | 1279.96 | 1.77 | 643.21 | 2.70 | 3396.83 | 1.29 | 12.03 |
| 9400.000 | 133.61 | 2270.00 | 0. | 0. | 2270.00 | 7.59 | 0. | 0. | 9.91 |
| 9400.000 | 133.62 | 3110.00 | 0. | 0. | 3110.00 | 10.39 | 0. | 0. | 9.92 |
| 9400.000 | 133.65 | 3470.00 | 0. | 0. | 3470.00 | 11.87 | 0. | 0. | 9.75 |
| * 9400.000 | 136.04 | 5320.00 | 1419.07 | 3.71 | 3019.79 | 7.45 | 881.13 | 2.75 | 12.34 |
| 9420.000 | 133.77 | 2270.00 | 0. | 0. | 2270.00 | 7.43 | 0. | 0. | 10.07 |
| 9420.000 | 134.01 | 3110.00 | 0. | 0. | 3110.00 | 9.84 | 0. | 0. | 10.31 |
| 9420.000 | 134.10 | 3470.00 | 0. | 0. | 3470.00 | 10.85 | 0. | 0. | 10.40 |
| 9420.000 | 136.20 | 5320.00 | 1463.99 | 3.61 | 2911.52 | 7.07 | 944.40 | 2.69 | 12.50 |
| * 9610.000 | 135.85 | 2270.00 | 0. | 0. | 2260.70 | 4.06 | 9.30 | 0.65 | 12.05 |
| * 9610.000 | 135.87 | 3110.00 | 0. | 0. | 3096.52 | 5.54 | 13.48 | 0.89 | 12.07 |
| 9610.000 | 135.84 | 3470.00 | 0. | 0. | 3456.20 | 6.21 | 13.80 | 0.98 | 12.04 |
| 9610.000 | 136.81 | 5320.00 | 2601.88 | 1.65 | 2597.33 | 4.10 | 120.70 | 0.76 | 13.01 |

| SECNO | CWSEL | Q | QLOB | VLOB | QCH | VCH | QROB | VROR | DEPTH |
|-----------|--------|---------|---------|------|---------|------|---------|------|-------|
| 9630.000 | 135.88 | 2270.00 | 0. | 0. | 2270.00 | 4.06 | 0. | 0. | 12.08 |
| 9630.000 | 135.92 | 3110.00 | 0. | 0. | 3110.00 | 5.52 | 0. | 0. | 12.12 |
| 9630.000 | 135.91 | 3470.00 | 0. | 0. | 3470.00 | 6.17 | 0. | 0. | 12.11 |
| 9630.000 | 136.02 | 5320.00 | 0. | 0. | 5320.00 | 9.32 | 0. | 0. | 12.22 |
| 9650.000 | 135.91 | 2270.00 | 0. | 0. | 2259.07 | 4.02 | 10.93 | 0.67 | 12.11 |
| 9650.000 | 135.99 | 3110.00 | 0. | 0. | 3091.68 | 5.44 | 18.32 | 0.94 | 12.19 |
| 9650.000 | 136.01 | 3470.00 | 0. | 0. | 3448.48 | 6.05 | 21.52 | 1.06 | 12.21 |
| 9650.000 | 136.33 | 5320.00 | 0. | 0. | 5253.92 | 8.82 | 66.08 | 1.65 | 12.53 |
| 9930.000 | 136.70 | 1370.00 | 0. | 0. | 708.43 | 1.80 | 661.57 | 0.98 | 11.70 |
| 9930.000 | 136.85 | 1840.00 | 0. | 0. | 924.58 | 2.31 | 915.42 | 1.26 | 11.85 |
| 9930.000 | 136.91 | 2050.00 | 0. | 0. | 1018.72 | 2.52 | 1031.28 | 1.38 | 11.91 |
| 9930.000 | 137.50 | 3050.00 | 1422.29 | 0.82 | 731.90 | 1.69 | 895.81 | 0.94 | 12.50 |
| 9950.000 | 136.70 | 1370.00 | 0. | 0. | 706.91 | 1.80 | 663.08 | 0.98 | 11.70 |
| 9950.000 | 136.86 | 1840.00 | 0. | 0. | 923.09 | 2.30 | 916.91 | 1.26 | 11.86 |
| 9950.000 | 136.92 | 2050.00 | 0. | 0. | 1016.77 | 2.52 | 1033.23 | 1.38 | 11.92 |
| 9950.000 | 137.51 | 3050.00 | 1424.74 | 0.82 | 729.04 | 1.68 | 896.22 | 0.94 | 12.51 |
| 10445.000 | 136.79 | 1370.00 | 980.82 | 0.48 | 268.17 | 0.56 | 121.01 | 0.31 | 8.69 |
| 10445.000 | 136.99 | 1840.00 | 1312.21 | 0.59 | 349.79 | 0.69 | 177.99 | 0.39 | 8.89 |
| 10445.000 | 137.07 | 2050.00 | 1459.53 | 0.64 | 385.22 | 0.75 | 205.25 | 0.42 | 8.97 |
| 10445.000 | 137.59 | 3050.00 | 2146.50 | 0.79 | 535.19 | 0.92 | 368.31 | 0.54 | 9.49 |
| 10945.000 | 136.83 | 1370.00 | 972.30 | 0.62 | 176.74 | 0.69 | 220.95 | 0.61 | 5.83 |
| 10945.000 | 137.05 | 1840.00 | 1311.74 | 0.73 | 231.27 | 0.84 | 296.99 | 0.74 | 6.05 |
| 10945.000 | 137.14 | 2050.00 | 1465.11 | 0.77 | 254.58 | 0.90 | 330.31 | 0.80 | 6.14 |
| 10945.000 | 137.67 | 3050.00 | 2229.07 | 0.82 | 346.39 | 1.05 | 474.50 | 0.93 | 6.67 |

10-YR 0 MEADOW B
SUMMARY PRINTOUT

| SECNO | CWSEL | DIFWSP | VOL | K*XL | K*YNCH | K*YNR | TOPWID | SSTA | ENDST | .01K |
|-----------|--------|--------|--------|-------|--------|-------|---------|--------|---------|---------|
| * 380.000 | 120.61 | 0. | 0. | 60.00 | 50.00 | 60.00 | 293.75 | 641.08 | 950.00 | 214.85 |
| 380.000 | 122.75 | 0. | 0. | 60.00 | 50.00 | 60.00 | 427.98 | 518.75 | 950.00 | 742.11 |
| 380.000 | 124.41 | 0. | 0. | 60.00 | 50.00 | 60.00 | 538.95 | 411.05 | 950.00 | 1457.40 |
| 380.000 | 126.54 | 2.13 | 0. | 60.00 | 50.00 | 60.00 | 727.86 | 222.20 | 950.00 | 2861.17 |
| * 400.000 | 121.50 | 0. | 0.16 | 60.00 | 50.00 | 60.00 | 45.28 | 719.72 | 765.00 | 156.21 |
| * 400.000 | 122.58 | 0. | 0.35 | 60.00 | 50.00 | 60.00 | 47.05 | 717.95 | 765.00 | 218.99 |
| * 400.000 | 123.73 | 0. | 0.53 | 60.00 | 50.00 | 60.00 | 47.53 | 717.47 | 765.00 | 247.91 |
| 400.000 | 126.55 | 3.52 | 1.56 | 60.00 | 50.00 | 60.00 | 728.37 | 221.63 | 950.00 | 2867.73 |
| 700.000 | 125.15 | 0. | 19.18 | 60.00 | 50.00 | 60.00 | 1424.88 | 75.12 | 1500.00 | 3669.77 |
| 700.000 | 125.70 | 0. | 22.23 | 60.00 | 50.00 | 60.00 | 1431.92 | 68.08 | 1500.00 | 4463.38 |
| 700.000 | 125.91 | 0. | 23.47 | 60.00 | 50.00 | 60.00 | 1434.47 | 65.53 | 1500.00 | 4770.41 |
| 700.000 | 127.09 | 1.18 | 41.22 | 60.00 | 50.00 | 60.00 | 1449.80 | 50.20 | 1500.00 | 6818.17 |
| 750.000 | 125.16 | 0. | 25.28 | 60.00 | 50.00 | 60.00 | 1424.86 | 75.14 | 1500.00 | 3667.68 |
| 750.000 | 125.70 | 0. | 29.23 | 60.00 | 50.00 | 60.00 | 1431.89 | 68.11 | 1500.00 | 4459.71 |
| 750.000 | 125.91 | 0. | 30.81 | 60.00 | 50.00 | 60.00 | 1434.60 | 65.40 | 1500.00 | 4785.64 |
| 750.000 | 127.09 | 1.18 | 50.52 | 60.00 | 50.00 | 60.00 | 1449.84 | 50.16 | 1500.00 | 6824.36 |
| 800.000 | 125.16 | 0. | 31.39 | 60.00 | 50.00 | 60.00 | 1424.89 | 75.11 | 1500.00 | 3670.61 |
| 800.000 | 125.71 | 0. | 36.24 | 60.00 | 50.00 | 60.00 | 1431.92 | 68.08 | 1500.00 | 4463.84 |
| 800.000 | 125.92 | 0. | 38.16 | 60.00 | 50.00 | 60.00 | 1434.63 | 65.37 | 1500.00 | 4790.30 |
| 800.000 | 127.09 | 1.18 | 59.83 | 60.00 | 50.00 | 60.00 | 1449.78 | 50.22 | 1500.00 | 6815.58 |
| 1500.000 | 125.19 | 0. | 111.58 | 60.00 | 50.00 | 60.00 | 1390.95 | 81.13 | 1472.08 | 3064.54 |
| 1500.000 | 125.75 | 0. | 129.01 | 60.00 | 50.00 | 60.00 | 1426.01 | 73.99 | 1500.00 | 3790.92 |
| 1500.000 | 125.96 | 0. | 135.82 | 60.00 | 50.00 | 60.00 | 1428.76 | 71.24 | 1500.00 | 4096.90 |
| 1500.000 | 127.15 | 1.18 | 184.82 | 60.00 | 50.00 | 60.00 | 1444.00 | 56.00 | 1500.00 | 6002.63 |
| 2200.000 | 125.25 | 0. | 181.51 | 60.00 | 50.00 | 60.00 | 1344.70 | 86.91 | 1431.62 | 2546.05 |
| 2200.000 | 125.81 | 0. | 211.50 | 60.00 | 50.00 | 60.00 | 1402.88 | 79.64 | 1482.52 | 3207.76 |
| 2200.000 | 126.03 | 0. | 223.23 | 60.00 | 50.00 | 60.00 | 1423.16 | 76.84 | 1500.00 | 3487.60 |
| 2200.000 | 127.23 | 1.19 | 299.59 | 60.00 | 50.00 | 60.00 | 1438.47 | 61.53 | 1500.00 | 5270.84 |
| 2750.000 | 125.28 | 0. | 213.87 | 60.00 | 50.00 | 60.00 | 564.55 | 216.14 | 780.60 | 562.52 |
| 2750.000 | 125.67 | 0. | 250.99 | 60.00 | 50.00 | 60.00 | 665.78 | 194.38 | 861.15 | 754.14 |
| 2750.000 | 126.10 | 0. | 265.65 | 60.00 | 50.00 | 60.00 | 695.20 | 185.76 | 881.05 | 887.09 |
| 2750.000 | 127.30 | 1.20 | 358.31 | 60.00 | 50.00 | 60.00 | 754.68 | 139.97 | 894.65 | 1575.40 |
| 3780.000 | 126.75 | 0. | 242.15 | 60.00 | 50.00 | 60.00 | 617.75 | 309.08 | 966.83 | 764.72 |
| 3780.000 | 127.34 | 0. | 288.08 | 60.00 | 50.00 | 60.00 | 717.50 | 285.84 | 1003.43 | 1024.11 |
| 3780.000 | 127.56 | 0. | 306.47 | 60.00 | 50.00 | 60.00 | 754.45 | 262.49 | 1016.94 | 1134.17 |
| 3780.000 | 128.54 | 0.99 | 419.10 | 60.00 | 50.00 | 60.00 | 873.91 | 175.78 | 1051.70 | 1756.10 |
| 3860.000 | 126.91 | 0. | 244.52 | 60.00 | 50.00 | 60.00 | 596.76 | 278.39 | 875.15 | 367.61 |
| 3860.000 | 127.50 | 0. | 291.15 | 60.00 | 50.00 | 60.00 | 663.66 | 224.98 | 888.64 | 518.85 |
| 3860.000 | 127.72 | 0. | 309.82 | 60.00 | 50.00 | 60.00 | 688.43 | 205.20 | 893.64 | 584.11 |
| 3860.000 | 128.70 | 0.98 | 423.87 | 60.00 | 50.00 | 60.00 | 800.39 | 138.06 | 938.45 | 963.40 |
| 4410.000 | 127.84 | 0. | 260.57 | 60.00 | 50.00 | 60.00 | 500.04 | 189.45 | 689.50 | 792.04 |
| 4410.000 | 128.46 | 0. | 311.61 | 60.00 | 50.00 | 60.00 | 556.50 | 152.63 | 709.12 | 1032.59 |
| 4410.000 | 128.69 | 0. | 332.03 | 60.00 | 50.00 | 60.00 | 574.92 | 138.81 | 713.73 | 1134.86 |
| 4410.000 | 129.68 | 0.99 | 454.51 | 60.00 | 50.00 | 60.00 | 654.08 | 79.44 | 733.52 | 1648.35 |

| SECNO | CWSEL | DIFNSP | VOL | K*XL | K*YNCH | K*XNR | TOPWID | SSTA | ENDST | .01K |
|------------|--------|--------|--------|-------|--------|-------|---------|--------|---------|---------|
| 4430.000 | 127.86 | 0. | 261.16 | 60.00 | 50.00 | 60.00 | 502.26 | 188.40 | 690.66 | 798.20 |
| 4430.000 | 128.48 | 0. | 312.35 | 60.00 | 50.00 | 60.00 | 558.73 | 150.96 | 709.68 | 1044.62 |
| 4430.000 | 128.71 | 0. | 332.83 | 60.00 | 50.00 | 60.00 | 577.10 | 137.18 | 714.27 | 1147.36 |
| 4430.000 | 129.70 | 0.99 | 455.59 | 60.00 | 50.00 | 60.00 | 656.16 | 77.88 | 734.04 | 1663.49 |
| 4500.000 | 128.02 | 0. | 263.17 | 60.00 | 50.00 | 60.00 | 415.98 | 248.19 | 664.17 | 765.40 |
| * 4500.000 | 128.71 | 0. | 314.58 | 60.00 | 50.00 | 60.00 | 478.84 | 190.82 | 669.68 | 1027.13 |
| * 4500.000 | 128.97 | 0. | 335.57 | 60.00 | 50.00 | 60.00 | 502.29 | 169.45 | 671.73 | 1136.83 |
| * 4500.000 | 130.12 | 1.16 | 459.33 | 60.00 | 50.00 | 60.00 | 612.53 | 72.95 | 685.48 | 1722.68 |
| 4520.000 | 128.04 | 0. | 263.74 | 60.00 | 50.00 | 60.00 | 417.52 | 246.79 | 664.31 | 771.24 |
| 4520.000 | 128.73 | 0. | 315.58 | 60.00 | 50.00 | 60.00 | 480.50 | 189.33 | 669.82 | 1034.56 |
| 4520.000 | 128.99 | 0. | 336.33 | 60.00 | 50.00 | 60.00 | 503.94 | 167.92 | 671.88 | 1144.94 |
| 4520.000 | 130.14 | 1.16 | 460.39 | 60.00 | 50.00 | 60.00 | 615.03 | 71.32 | 686.34 | 1733.98 |
| 4950.000 | 128.47 | 0. | 275.11 | 60.00 | 50.00 | 60.00 | 408.88 | 475.22 | 1000.47 | 643.72 |
| 4950.000 | 129.17 | 0. | 330.03 | 60.00 | 50.00 | 60.00 | 474.53 | 445.20 | 1016.37 | 872.62 |
| 4950.000 | 129.43 | 0. | 352.03 | 60.00 | 50.00 | 60.00 | 495.24 | 434.06 | 1022.26 | 972.58 |
| 4950.000 | 130.59 | 1.16 | 482.70 | 60.00 | 50.00 | 60.00 | 724.18 | 359.78 | 1083.96 | 1530.59 |
| 5050.000 | 127.68 | 0. | 276.60 | 60.00 | 50.00 | 60.00 | 33.45 | 833.55 | 867.00 | 209.09 |
| * 5050.000 | 129.50 | 0. | 333.02 | 60.00 | 50.00 | 60.00 | 445.02 | 439.75 | 1230.01 | 810.35 |
| 5050.000 | 129.54 | 0. | 355.19 | 60.00 | 50.00 | 60.00 | 457.39 | 437.91 | 1234.34 | 823.87 |
| 5050.000 | 130.70 | 1.16 | 487.54 | 60.00 | 50.00 | 60.00 | 982.49 | 367.61 | 1350.10 | 1303.88 |
| * 5250.000 | 130.99 | 0. | 282.39 | 60.00 | 50.00 | 60.00 | 1036.67 | 342.77 | 1379.45 | 1482.67 |
| * 5250.000 | 131.58 | 0. | 342.66 | 60.00 | 50.00 | 60.00 | 1438.00 | 0. | 1438.00 | 1910.98 |
| * 5250.000 | 131.72 | 0. | 365.32 | 60.00 | 50.00 | 60.00 | 1451.51 | 0. | 1451.51 | 2028.32 |
| * 5250.000 | 132.41 | 0.70 | 501.80 | 60.00 | 50.00 | 60.00 | 1500.00 | 0. | 1500.00 | 2744.38 |
| 5300.000 | 130.88 | 0. | 284.22 | 60.00 | 50.00 | 60.00 | 527.63 | 359.29 | 896.28 | 515.44 |
| 5300.000 | 131.48 | 0. | 345.06 | 60.00 | 50.00 | 60.00 | 583.08 | 332.04 | 920.57 | 700.60 |
| 5300.000 | 131.60 | 0. | 367.88 | 60.00 | 50.00 | 60.00 | 595.07 | 326.16 | 925.82 | 747.07 |
| 5300.000 | 132.29 | 0.68 | 505.20 | 60.00 | 50.00 | 60.00 | 647.18 | 294.74 | 942.00 | 1035.78 |
| 5350.000 | 131.00 | 0. | 285.26 | 60.00 | 50.00 | 60.00 | 538.40 | 353.98 | 901.02 | 547.06 |
| 5350.000 | 131.60 | 0. | 346.49 | 60.00 | 50.00 | 60.00 | 594.46 | 326.44 | 925.57 | 744.79 |
| 5350.000 | 131.74 | 0. | 369.40 | 60.00 | 50.00 | 60.00 | 607.67 | 319.96 | 931.34 | 798.41 |
| 5350.000 | 132.45 | 0.71 | 507.22 | 60.00 | 50.00 | 60.00 | 654.72 | 287.28 | 942.00 | 1116.14 |
| 5700.000 | 131.37 | 0. | 298.97 | 60.00 | 50.00 | 60.00 | 890.52 | 184.39 | 1128.04 | 1544.83 |
| 5700.000 | 131.97 | 0. | 363.83 | 60.00 | 50.00 | 60.00 | 1003.42 | 142.49 | 1184.16 | 1983.11 |
| 5700.000 | 132.13 | 0. | 387.77 | 60.00 | 50.00 | 60.00 | 1037.77 | 130.74 | 1199.90 | 2120.62 |
| 5700.000 | 132.92 | 0.79 | 530.94 | 60.00 | 50.00 | 60.00 | 1198.23 | 75.57 | 1273.80 | 2851.90 |
| 5720.000 | 130.73 | 0. | 299.60 | 60.00 | 50.00 | 60.00 | 44.11 | 728.24 | 774.00 | 280.43 |
| 5720.000 | 130.77 | 0. | 364.60 | 60.00 | 50.00 | 60.00 | 44.21 | 728.19 | 774.00 | 282.34 |
| 5720.000 | 132.14 | 0. | 389.25 | 60.00 | 50.00 | 60.00 | 1040.79 | 129.71 | 1201.28 | 2133.02 |
| 5720.000 | 132.93 | 0.79 | 532.83 | 60.00 | 50.00 | 60.00 | 1201.27 | 74.27 | 1275.54 | 2871.01 |
| * 5830.000 | 130.90 | 0. | 300.30 | 60.00 | 50.00 | 60.00 | 41.43 | 730.57 | 772.00 | 246.42 |
| * 5830.000 | 132.21 | 0. | 366.15 | 60.00 | 50.00 | 60.00 | 1061.57 | 225.83 | 1287.40 | 449.96 |
| * 5830.000 | 132.41 | 0. | 394.82 | 60.00 | 50.00 | 60.00 | 1456.43 | 200.55 | 1656.98 | 532.94 |
| * 5830.000 | 132.92 | 0.50 | 540.64 | 60.00 | 50.00 | 60.00 | 1862.81 | 137.17 | 2000.00 | 847.27 |

| RECNO | CWSEL | DIFWSP | VOL | K*XL | K*XNH | K*XNR | TOPWID | SRTA | ENDST | .01K |
|------------|--------|--------|---------|-------|-------|-------|---------|--------|---------|---------|
| 5850.000 | 131.15 | 0. | 300.42 | 60.00 | 50.00 | 60.00 | 41.79 | 730.21 | 772.00 | 261.74 |
| 5850.000 | 132.74 | 0. | 366.77 | 60.00 | 50.00 | 60.00 | 1841.26 | 158.74 | 2000.00 | 722.26 |
| 5850.000 | 132.80 | 0. | 395.53 | 60.00 | 50.00 | 60.00 | 1849.61 | 150.39 | 2000.00 | 768.77 |
| 5850.000 | 133.13 | 0.33 | 541.69 | 60.00 | 50.00 | 60.00 | 1889.79 | 110.21 | 2000.00 | 1025.97 |
| 6400.000 | 132.64 | 0. | 317.59 | 60.00 | 50.00 | 60.00 | 797.40 | 432.60 | 1230.00 | 1549.06 |
| 6400.000 | 133.22 | 0. | 396.38 | 60.00 | 50.00 | 60.00 | 879.89 | 350.11 | 1230.00 | 1960.89 |
| 6400.000 | 133.33 | 0. | 426.52 | 60.00 | 50.00 | 60.00 | 895.87 | 334.13 | 1230.00 | 2047.51 |
| 6400.000 | 133.85 | 0.52 | 579.47 | 60.00 | 50.00 | 60.00 | 969.86 | 260.14 | 1230.00 | 2478.90 |
| 6900.000 | 132.71 | 0. | 357.44 | 60.00 | 50.00 | 60.00 | 1747.10 | 142.84 | 1889.94 | 2807.63 |
| 6900.000 | 133.30 | 0. | 445.17 | 60.00 | 50.00 | 60.00 | 1881.77 | 86.22 | 1967.99 | 3639.11 |
| 6900.000 | 133.42 | 0. | 477.21 | 60.00 | 50.00 | 60.00 | 1909.51 | 74.56 | 1984.07 | 3828.27 |
| 6900.000 | 133.99 | 0.57 | 639.35 | 60.00 | 50.00 | 60.00 | 2038.43 | 70.36 | 2058.78 | 4787.08 |
| 6910.000 | 132.71 | 0. | 358.47 | 60.00 | 50.00 | 60.00 | 1749.20 | 141.96 | 1891.16 | 2819.47 |
| 6910.000 | 133.30 | 0. | 446.45 | 60.00 | 50.00 | 60.00 | 1882.27 | 86.01 | 1968.28 | 3642.48 |
| 6910.000 | 133.42 | 0. | 478.54 | 60.00 | 50.00 | 60.00 | 1910.11 | 74.31 | 1984.42 | 3832.39 |
| 6910.000 | 133.99 | 0.57 | 640.94 | 60.00 | 50.00 | 60.00 | 2039.46 | 70.92 | 2059.38 | 4795.30 |
| * 6970.000 | 132.70 | 0. | 365.74 | 60.00 | 50.00 | 60.00 | 1748.59 | 419.81 | 2170.00 | 3873.44 |
| * 6970.000 | 133.39 | 0. | 455.17 | 60.00 | 50.00 | 60.00 | 1767.55 | 402.45 | 2170.00 | 4901.58 |
| * 6970.000 | 133.52 | 0. | 487.59 | 60.00 | 50.00 | 60.00 | 1771.33 | 398.67 | 2170.00 | 5141.52 |
| * 6970.000 | 134.13 | 0.61 | 651.52 | 60.00 | 50.00 | 60.00 | 1837.23 | 332.77 | 2170.00 | 6330.50 |
| 6980.000 | 132.79 | 0. | 367.12 | 60.00 | 50.00 | 60.00 | 1748.51 | 419.87 | 2170.00 | 3870.00 |
| 6980.000 | 133.39 | 0. | 456.80 | 60.00 | 50.00 | 60.00 | 1767.47 | 402.53 | 2170.00 | 4896.36 |
| 6980.000 | 133.52 | 0. | 489.27 | 60.00 | 50.00 | 60.00 | 1771.23 | 398.77 | 2170.00 | 5135.29 |
| 6980.000 | 134.13 | 0.61 | 653.45 | 60.00 | 50.00 | 60.00 | 1834.93 | 335.07 | 2170.00 | 6318.24 |
| 8250.000 | 132.87 | 0. | 507.76 | 60.00 | 50.00 | 60.00 | 2244.25 | 381.39 | 2817.35 | 1490.28 |
| 8250.000 | 133.48 | 0. | 634.19 | 60.00 | 50.00 | 60.00 | 2513.26 | 326.59 | 2878.23 | 2287.78 |
| 8250.000 | 133.62 | 0. | 675.21 | 60.00 | 50.00 | 60.00 | 2544.20 | 313.96 | 2892.26 | 2513.46 |
| 8250.000 | 134.27 | 0.65 | 879.69 | 60.00 | 50.00 | 60.00 | 2643.40 | 242.22 | 2900.00 | 3719.33 |
| 9000.000 | 133.19 | 0. | 550.46 | 50.00 | 50.00 | 50.00 | 1006.40 | 429.48 | 2428.86 | 607.67 |
| 9000.000 | 133.73 | 0. | 695.71 | 50.00 | 50.00 | 50.00 | 1709.45 | 395.05 | 2478.05 | 934.13 |
| 9000.000 | 133.84 | 0. | 741.98 | 50.00 | 50.00 | 50.00 | 1781.40 | 383.23 | 2491.19 | 1054.90 |
| 9000.000 | 134.53 | 0.65 | 971.76 | 50.00 | 50.00 | 50.00 | 2095.65 | 330.53 | 2549.75 | 1755.91 |
| 9400.000 | 133.61 | 0. | 557.98 | 50.00 | 50.00 | 50.00 | 41.82 | 180.56 | 223.00 | 296.68 |
| 9400.000 | 133.62 | 0. | 706.57 | 50.00 | 50.00 | 50.00 | 41.82 | 180.55 | 223.00 | 297.04 |
| 9400.000 | 133.45 | 0. | 753.98 | 50.00 | 50.00 | 50.00 | 41.40 | 180.72 | 222.16 | 287.52 |
| * 9400.000 | 136.04 | 2.59 | 993.29 | 50.00 | 50.00 | 50.00 | 397.33 | 0. | 422.48 | 819.90 |
| 9420.000 | 133.77 | 0. | 558.12 | 50.00 | 50.00 | 50.00 | 42.17 | 180.40 | 223.00 | 305.57 |
| 9420.000 | 134.01 | 0. | 706.71 | 50.00 | 50.00 | 50.00 | 42.72 | 180.16 | 223.00 | 319.75 |
| 9420.000 | 134.10 | 0. | 754.12 | 50.00 | 50.00 | 50.00 | 42.92 | 180.08 | 223.00 | 324.93 |
| 9420.000 | 136.20 | 2.10 | 993.82 | 50.00 | 50.00 | 50.00 | 408.01 | 0. | 429.84 | 872.20 |
| * 9610.000 | 135.85 | 0. | 560.03 | 50.00 | 50.00 | 50.00 | 113.90 | 840.00 | 973.94 | 589.77 |
| * 9610.000 | 135.87 | 0. | 708.65 | 50.00 | 50.00 | 50.00 | 114.70 | 840.00 | 974.74 | 592.70 |
| 9610.000 | 135.84 | 0. | 756.06 | 50.00 | 50.00 | 50.00 | 113.50 | 840.00 | 973.54 | 588.29 |
| 9610.000 | 136.81 | 0.97 | 1001.54 | 50.00 | 50.00 | 50.00 | 1298.53 | 0. | 1298.53 | 1499.03 |

| SECNO | CWSEL | DIFWSP | VOL | K*XL | K*LNCH | K*XNR | TOPWD | SSTA | ENDST | .01K |
|------------|--------|--------|---------|-------|--------|-------|---------|--------|---------|---------|
| 9630.000 | 135.88 | 0. | 560.29 | 50.00 | 50.00 | 50.00 | 80.00 | 860.00 | 940.00 | 591.26 |
| 9630.000 | 135.92 | 0. | 708.91 | 50.00 | 50.00 | 50.00 | 80.00 | 860.00 | 940.00 | 597.71 |
| 9630.000 | 135.91 | 0. | 756.32 | 50.00 | 50.00 | 50.00 | 80.00 | 860.00 | 940.00 | 596.14 |
| 9630.000 | 136.02 | 0.11 | 1002.21 | 50.00 | 50.00 | 50.00 | 80.00 | 860.00 | 940.00 | 611.70 |
| 9650.000 | 135.91 | 0. | 560.55 | 50.00 | 50.00 | 50.00 | 116.26 | 860.00 | 976.26 | 598.32 |
| 9650.000 | 135.99 | 0. | 709.17 | 50.00 | 50.00 | 50.00 | 119.39 | 860.00 | 979.39 | 610.04 |
| 9650.000 | 136.01 | 0. | 756.58 | 50.00 | 50.00 | 50.00 | 120.24 | 860.00 | 980.24 | 613.22 |
| 9650.000 | 136.33 | 0.32 | 1002.49 | 50.00 | 50.00 | 50.00 | 202.42 | 860.00 | 1080.41 | 664.24 |
| 9930.000 | 136.70 | 0. | 565.85 | 50.00 | 50.00 | 50.00 | 368.83 | 725.00 | 1093.83 | 850.38 |
| * 9930.000 | 136.85 | 0. | 714.68 | 50.00 | 50.00 | 50.00 | 379.47 | 725.00 | 1104.47 | 902.66 |
| * 9930.000 | 136.91 | 0. | 762.17 | 50.00 | 50.00 | 50.00 | 383.63 | 725.00 | 1108.63 | 923.71 |
| 9930.000 | 137.50 | 0.60 | 1014.57 | 50.00 | 50.00 | 50.00 | 1118.78 | 0. | 1149.63 | 2167.64 |
| 9950.000 | 136.70 | 0. | 566.34 | 50.00 | 50.00 | 50.00 | 369.62 | 725.00 | 1094.62 | 854.18 |
| 9950.000 | 136.86 | 0. | 715.20 | 50.00 | 50.00 | 50.00 | 380.08 | 725.00 | 1105.08 | 905.70 |
| 9950.000 | 136.92 | 0. | 762.70 | 50.00 | 50.00 | 50.00 | 384.35 | 725.00 | 1109.35 | 927.39 |
| 9950.000 | 137.51 | 0.59 | 1016.00 | 50.00 | 50.00 | 50.00 | 1120.18 | 0. | 1150.60 | 2181.95 |
| 10445.000 | 136.70 | 0. | 589.10 | 50.00 | 50.00 | 50.00 | 1250.11 | 0. | 1279.44 | 1791.67 |
| 10445.000 | 136.99 | 0. | 739.73 | 50.00 | 50.00 | 50.00 | 1280.25 | 0. | 1306.65 | 2008.61 |
| 10445.000 | 137.07 | 0. | 787.97 | 50.00 | 50.00 | 50.00 | 1292.65 | 0. | 1317.84 | 2101.88 |
| 10445.000 | 137.59 | 0.52 | 1056.54 | 50.00 | 50.00 | 50.00 | 1371.55 | 0. | 1389.05 | 2749.75 |
| 10945.000 | 136.83 | 0. | 618.45 | 50.00 | 50.00 | 50.00 | 1234.91 | 489.10 | 1945.08 | 1173.56 |
| 10945.000 | 137.15 | 0. | 772.23 | 50.00 | 50.00 | 50.00 | 1466.82 | 302.25 | 1949.04 | 1363.19 |
| 10945.000 | 137.18 | 0. | 821.87 | 50.00 | 50.00 | 50.00 | 1562.60 | 225.10 | 1950.68 | 1448.29 |
| 10945.000 | 137.67 | 0.54 | 1099.98 | 50.00 | 50.00 | 50.00 | 1898.96 | 0. | 1960.45 | 2060.88 |

SUMMARY OF ERRORS

- CAUTION SECNO= 380.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 400.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 400.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 400.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 400.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 400.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 400.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 400.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 400.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 400.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 4500.000 PROFILE= 2 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 4500.000 PROFILE= 3 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 4500.000 PROFILE= 4 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 5050.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 5050.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 5050.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 5250.000 PROFILE= 1 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 5250.000 PROFILE= 2 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 5250.000 PROFILE= 3 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 5250.000 PROFILE= 4 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 5830.000 PROFILE= 1 HYDRAULIC JUMP D.S.

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977
 ERROR CORR = 01,02
 MODIFICATION = 50,51,52,53

T1 LUMBERTON N.C MEADOW BRANCH
 T2 FLOOD INSURANCE STUDY
 T3 10-YR Q MEADOW BRANCH

| J1 | ICHECK | INQ | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FN |
|----|-------------------------------------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| | 0. | 2. | 0. | 0. | 0. | 0. | 0. | 0. | 120,400 | 0. |
| J2 | NPROF | 1PLOT | PREVS | XSECV | XSECH | EN | ALLDC | IBW | CHNIM | ITRACE |
| | 1,000 | 0. | -1,000 | 5,000 | 500,000 | 0. | 0. | 0. | 0. | 0. |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT | | | | | | | | | |
| | 38,000 | 1,000 | 50,000 | 51,000 | 42,000 | 39,000 | 0. | 38,000 | 21,000 | 22,000 |
| | 53,000 | 54,000 | 4,000 | 0. | 38,000 | 1,000 | 58,000 | 33,000 | 50,000 | 40,000 |
| | 41,000 | 25,000 | 0. | 38,000 | 1,000 | 43,000 | 13,000 | 55,000 | 14,000 | 26,000 |
| | 15,000 | 56,000 | 8,000 | 35,000 | 60,000 | 59,000 | 0. | 38,000 | 1,000 | 7,000 |
| | 16,000 | 17,000 | 18,000 | 34,000 | 21,000 | 22,000 | 53,000 | 54,000 | 4,000 | 0. |
| NC | 0,060 | 0,060 | 0,050 | 0,100 | 0,300 | 0. | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 0. | 10,400 | 0. | 0. | 0. |
| QT | 5,000 | 2700,000 | 3600,000 | 4100,000 | 6400,000 | 4100,000 | 0. | 0. | 0. | 0. |
| X1 | 8,000 | 19,000 | 731,000 | 765,000 | 0. | 0. | 0. | 0. | 0. | 0. |
| GR | 128,000 | 0. | 126,000 | 150,000 | 124,000 | 320,000 | 120,000 | 440,000 | 119,100 | 700,000 |
| GR | 120,000 | 712,000 | 124,400 | 716,000 | 121,600 | 719,000 | 120,000 | 731,000 | 114,500 | 741,000 |
| GR | 113,800 | 750,000 | 114,900 | 759,000 | 120,700 | 765,000 | 118,300 | 800,000 | 120,000 | 960,000 |
| GR | 122,000 | 1340,000 | 124,000 | 1440,000 | 126,000 | 1500,000 | 127,700 | 1650,000 | 0. | 0. |
| X1 | 10,700 | 17,000 | 630,000 | 665,000 | 270,000 | 270,000 | 270,000 | 0. | 0. | 0. |
| GR | 130,000 | 0. | 128,000 | 70,000 | 126,000 | 100,000 | 124,000 | 110,000 | 124,000 | 575,000 |
| GR | 122,000 | 630,000 | 120,000 | 635,000 | 115,000 | 640,000 | 114,200 | 650,000 | 115,400 | 660,000 |
| GR | 121,000 | 665,000 | 120,000 | 720,000 | 120,700 | 900,000 | 122,000 | 1110,000 | 124,000 | 1250,000 |
| GR | 126,000 | 1320,000 | 127,700 | 1470,000 | 0. | 0. | 0. | 0. | 0. | 0. |
| X1 | 13,300 | 13,000 | 530,000 | 565,000 | 260,000 | 260,000 | 260,000 | 0. | 0. | 0. |
| GR | 130,000 | 0. | 124,000 | 40,000 | 124,000 | 490,000 | 122,000 | 520,000 | 120,000 | 530,000 |
| GR | 115,100 | 540,000 | 114,400 | 550,000 | 115,500 | 560,000 | 121,000 | 565,000 | 122,000 | 700,000 |
| GR | 124,000 | 930,000 | 126,000 | 1030,000 | 128,000 | 1070,000 | 0. | 0. | 0. | 0. |
| X1 | 18,300 | 15,000 | 730,000 | 765,000 | 500,000 | 500,000 | 500,000 | 0. | 0. | 0. |

| | | | | | | | | | | | | |
|----|----|---------|----------|----------|----------|----------|----------|---------|----------|---------|----------|----|
| | GR | 130,000 | 0. | 128,000 | 220,000 | 126,000 | 470,000 | 124,000 | 490,000 | 122,000 | 570,000 | |
| | GR | 120,000 | 730,000 | 115,500 | 740,000 | 114,700 | 750,000 | 115,900 | 760,000 | 121,600 | 765,000 | |
| | GR | 120,000 | 770,000 | 122,000 | 970,000 | 124,000 | 1130,000 | 126,000 | 1190,000 | 128,000 | 1250,000 | |
| | X1 | 27,500 | 13,000 | 526,000 | 568,000 | 920,000 | 920,000 | 920,000 | 0. | 0. | 0. | |
| 1 | GR | 131,000 | 0. | 124,000 | 265,000 | 123,700 | 526,000 | 122,800 | 532,000 | 117,000 | 540,000 | 1 |
| 2 | GR | 115,500 | 550,000 | 116,900 | 560,000 | 124,500 | 568,000 | 121,500 | 600,000 | 124,000 | 720,000 | 2 |
| 3 | GR | 125,000 | 740,000 | 126,000 | 880,000 | 130,000 | 925,000 | 0. | 0. | 0. | 0. | 3 |
| 4 | QT | 5,000 | 2460,000 | 3360,000 | 3750,000 | 5760,000 | 3750,000 | 0. | 0. | 0. | 0. | 4 |
| 5 | | | | | | | | | | | | 5 |
| 6 | | | | | | | | | | | | 6 |
| 7 | X1 | 30,000 | 0. | 0. | 0. | 250,000 | 250,000 | 250,000 | 0. | 0. | 0. | 7 |
| 8 | | | | | | | | | | | | 8 |
| 9 | | | | | | | | | | | | 9 |
| 10 | X1 | 37,000 | 16,000 | 780,000 | 823,000 | 700,000 | 700,000 | 700,000 | 0. | 0. | 0. | 10 |
| 11 | GR | 131,000 | 0. | 128,000 | 214,000 | 126,000 | 430,000 | 124,000 | 750,000 | 123,800 | 780,000 | 11 |
| 12 | GR | 117,900 | 790,000 | 114,800 | 800,000 | 117,800 | 810,000 | 126,000 | 823,000 | 125,700 | 834,000 | 12 |
| 13 | GR | 122,400 | 842,000 | 122,200 | 850,000 | 123,900 | 900,000 | 126,000 | 920,000 | 128,000 | 1045,000 | 13 |
| 14 | GR | 130,000 | 1070,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 14 |
| 15 | | | | | | | | | | | | 15 |
| 16 | | | | | | | | | | | | 16 |
| 17 | X1 | 37,800 | 0. | 0. | 0. | 80,000 | 80,000 | 80,000 | 0. | 0. | 0. | 17 |
| 18 | X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 124,900 | 124,900 | 0. | 18 |
| 19 | SB | 0. | 1,500 | 3,000 | 500,000 | 9,000 | 0. | 207,000 | 2,400 | 0. | 0. | 19 |
| 20 | | | | | | | | | | | | 20 |
| 21 | | | | | | | | | | | | 21 |
| 22 | X1 | 38,600 | 11,000 | 735,000 | 764,000 | 80,000 | 80,000 | 80,000 | 0. | 0. | 0. | 22 |
| 23 | X2 | 0. | 0. | 1,000 | 124,700 | 124,400 | 0. | 0. | 0. | 0. | 0. | 23 |
| 24 | X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 124,900 | 124,900 | 0. | 24 |
| 25 | GR | 131,000 | 0. | 128,000 | 180,000 | 126,000 | 360,000 | 123,400 | 735,000 | 117,800 | 742,000 | 25 |
| 26 | GR | 116,400 | 750,000 | 117,700 | 758,000 | 123,200 | 764,000 | 123,600 | 800,000 | 128,000 | 900,000 | 26 |
| 27 | GR | 130,000 | 1010,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 27 |
| 28 | QT | 5,000 | 2270,000 | 3110,000 | 3470,000 | 5320,000 | 3470,000 | 0. | 0. | 0. | 0. | 28 |
| 29 | | | | | | | | | | | | 29 |
| 30 | | | | | | | | | | | | 30 |
| 31 | X1 | 39,500 | 0. | 0. | 0. | 90,000 | 90,000 | 90,000 | 0. | 0. | 0. | 31 |
| 32 | | | | | | | | | | | | 32 |
| 33 | | | | | | | | | | | | 33 |
| 34 | X1 | 44,100 | 12,000 | 534,000 | 564,000 | 460,000 | 460,000 | 460,000 | 0. | 0. | 0. | 34 |
| 35 | GR | 131,000 | 0. | 128,000 | 300,000 | 124,000 | 400,000 | 124,000 | 445,000 | 124,700 | 534,000 | 35 |
| 36 | GR | 117,900 | 542,000 | 115,500 | 550,000 | 117,900 | 558,000 | 125,000 | 564,000 | 126,500 | 600,000 | 36 |
| 37 | GR | 128,000 | 700,000 | 130,000 | 740,000 | 0. | 0. | 0. | 0. | 0. | 0. | 37 |
| 38 | | | | | | | | | | | | 38 |
| 39 | | | | | | | | | | | | 39 |
| 40 | X1 | 44,300 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. | 40 |
| 41 | X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 125,200 | 125,200 | 0. | 41 |
| 42 | SH | 1,250 | 1,500 | 3,000 | 200,000 | 33,000 | 15,500 | 99,500 | 0. | 0. | 0. | 42 |
| 43 | | | | | | | | | | | | 43 |
| 44 | | | | | | | | | | | | 44 |
| 45 | X1 | 45,000 | 13,000 | 533,000 | 568,000 | 70,000 | 70,000 | 70,000 | 0. | 0. | 0. | 45 |
| 46 | X2 | 0. | 0. | 1,000 | 122,800 | 124,700 | 0. | 0. | 0. | 0. | 0. | 46 |
| 47 | X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 125,200 | 125,200 | 0. | 47 |
| 48 | GR | 131,000 | 0. | 128,000 | 250,000 | 126,000 | 300,000 | 124,000 | 355,000 | 125,800 | 533,000 | 48 |
| 49 | GR | 119,100 | 542,000 | 117,800 | 550,000 | 119,100 | 558,000 | 123,700 | 568,000 | 125,700 | 600,000 | 49 |
| 50 | GR | 128,000 | 664,000 | 130,000 | 680,000 | 132,000 | 768,000 | 0. | 0. | 0. | 0. | 50 |
| 51 | | | | | | | | | | | | 51 |
| 52 | | | | | | | | | | | | 52 |
| 53 | X1 | 45,200 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. | 53 |
| 54 | | | | | | | | | | | | 54 |
| 55 | | | | | | | | | | | | 55 |
| 56 | X1 | 49,500 | 18,000 | 632,000 | 667,000 | 430,000 | 430,000 | 430,000 | 0. | 0. | 0. | 56 |
| 57 | GR | 131,200 | 0. | 131,300 | 300,000 | 130,000 | 410,000 | 128,000 | 495,000 | 123,000 | 560,000 | 57 |
| | GR | 130,000 | 635,000 | 130,000 | 720,000 | 124,000 | 740,000 | 124,000 | 770,000 | 126,000 | 780,000 | |
| | GR | 129,000 | 832,000 | 119,200 | 842,000 | 118,300 | 850,000 | 119,100 | 858,000 | 125,600 | 867,000 | |
| | GR | 128,000 | 990,000 | 130,000 | 1035,000 | 132,000 | 1200,000 | 0. | 0. | 0. | 0. | |

HEC2 RELEASE DATED NOV 76 (UPDATED AUG 1977)
ERROR CORR = 01,02
MODIFICATION = 50,51,52,53

T1 LUMBERTON N C MEADOW BRANCH
T2 FLOOD INSURANCE STUDY
T3 500-YR 0 MEADOW BRANCH

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS 0 WSEL FQ
0 0 5 0 0 0 0 0 0 127,600 0

J2 NPROF IPLOT PREVS XSECV XSECH EN ALLDC IBW CHNIM ITRACE
15,000 0 -1,000 0 0 0 0 0 0 0

| | | |
|----|--|----|
| 1 | ***** | 1 |
| 2 | HEC2 RELEASE DATED NOV 76 (UPDATED AUG 1977) | 2 |
| 3 | ERROR CORR = 01,02 | 3 |
| 4 | MODIFICATION = 50,51,52,53 | 4 |
| 5 | ***** | 5 |
| 6 | | 6 |
| 7 | T1 LUMBERTON N C MEADOW BRANCH | 7 |
| 8 | T2 FLOOD INSURANCE STUDY | 8 |
| 9 | T3 500-YR 0 MEADOW BRANCH | 9 |
| 10 | | 10 |
| 11 | J1 ICHECK INQ NINV IDIR STRT METRIC HVINS 0 WSEL FQ | 11 |
| 12 | | 12 |
| 13 | 0 0 5 0 0 0 0 0 0 127,600 0 | 13 |
| 14 | | 14 |
| 15 | J2 NPROF IPLOT PREVS XSECV XSECH EN ALLDC IBW CHNIM ITRACE | 15 |
| 16 | | 16 |
| 17 | 15,000 0 -1,000 0 0 0 0 0 0 0 | 17 |
| 18 | | 18 |
| 19 | | 19 |
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| 56 | | 56 |
| 57 | | 57 |

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977
 ERROR CORR = 01,02
 MODIFICATION = 50,51,52,53

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

10-YR Q MEADOW B

SUMMARY PRINTOUT

| LINE | SECNO | CWSEL | DIFWSP | DIFWSX | ELMIN | XLCH |
|------|---------|--------|--------|--------|--------|--------|
| 14 | * 8,000 | 120,56 | 0. | 0. | 113,80 | 0. |
| 15 | 8,000 | 123,10 | 2,50 | 0. | 113,80 | 0. |
| 16 | 8,000 | 125,10 | 2,00 | 0. | 113,80 | 0. |
| 17 | 8,000 | 127,60 | 2,50 | 0. | 113,80 | 0. |
| 19 | 10,700 | 122,38 | 0. | 1,82 | 114,20 | 270,00 |
| 20 | 10,700 | 123,25 | 0,87 | 0,15 | 114,20 | 270,00 |
| 21 | 10,700 | 125,14 | 1,89 | 0,04 | 114,20 | 270,00 |
| 22 | 10,700 | 127,62 | 2,48 | 0,02 | 114,20 | 270,00 |
| 24 | 13,300 | 123,32 | 0. | 0,94 | 114,40 | 260,00 |
| 25 | 13,300 | 123,83 | 0,51 | 0,58 | 114,40 | 260,00 |
| 26 | 13,300 | 125,26 | 1,43 | 0,12 | 114,40 | 260,00 |
| 27 | 13,300 | 127,67 | 2,41 | 0,05 | 114,40 | 260,00 |
| 29 | 18,300 | 124,52 | 0. | 1,20 | 114,70 | 500,00 |
| 30 | 18,300 | 125,09 | 0,57 | 1,27 | 114,70 | 500,00 |
| 31 | 18,300 | 125,71 | 0,62 | 0,45 | 114,70 | 500,00 |
| 32 | 18,300 | 127,84 | 2,13 | 0,17 | 114,70 | 500,00 |
| 34 | 27,500 | 125,31 | 0. | 0,79 | 115,50 | 920,00 |
| 35 | 27,500 | 125,91 | 0,60 | 0,82 | 115,50 | 920,00 |
| 36 | 27,500 | 126,37 | 0,46 | 0,66 | 115,50 | 920,00 |
| 37 | 27,500 | 128,22 | 1,85 | 0,38 | 115,50 | 920,00 |
| 39 | 30,000 | 125,79 | 0. | 0,48 | 115,50 | 250,00 |
| 40 | 30,000 | 126,35 | 0,56 | 0,44 | 115,50 | 250,00 |
| 41 | 30,000 | 126,73 | 0,38 | 0,36 | 115,50 | 250,00 |
| 42 | 30,000 | 128,42 | 1,69 | 0,20 | 115,50 | 250,00 |
| 44 | 37,000 | 126,57 | 0. | 0,78 | 114,80 | 700,00 |
| 45 | 37,000 | 127,15 | 0,58 | 0,80 | 114,80 | 700,00 |
| 46 | 37,000 | 127,44 | 0,29 | 0,72 | 114,80 | 700,00 |
| 47 | 37,000 | 128,87 | 1,43 | 0,46 | 114,80 | 700,00 |
| 49 | 37,800 | 126,68 | 0. | 0,11 | 114,80 | 80,00 |
| 50 | 37,800 | 127,27 | 0,58 | 0,11 | 114,80 | 80,00 |
| 51 | 37,800 | 127,55 | 0,28 | 0,10 | 114,80 | 80,00 |
| 52 | 37,800 | 128,90 | 1,39 | 0,07 | 114,80 | 80,00 |

| | SECNO | CWSEL | DIFWSP | DIFWSX | ELMIN | XLCH | |
|----|----------|--------|--------|--------|--------|--------|----|
| 1 | 38,600 | 126.85 | 0. | 0.17 | 116.40 | 80.00 | 1 |
| 2 | 38,600 | 127.44 | 0.59 | 0.18 | 116.40 | 80.00 | 2 |
| 3 | 38,600 | 127.72 | 0.27 | 0.17 | 116.40 | 80.00 | 3 |
| 4 | 38,600 | 129.06 | 1.35 | 0.12 | 116.40 | 80.00 | 4 |
| 5 | | | | | | | 5 |
| 6 | 39,500 | 127.04 | 0. | 0.19 | 116.40 | 90.00 | 6 |
| 7 | 39,500 | 127.63 | 0.58 | 0.18 | 116.40 | 90.00 | 7 |
| 8 | 39,500 | 127.89 | 0.26 | 0.17 | 116.40 | 90.00 | 8 |
| 9 | 39,500 | 129.15 | 1.26 | 0.09 | 116.40 | 90.00 | 9 |
| 10 | | | | | | | 10 |
| 11 | 44,100 | 127.46 | 0. | 0.42 | 115.50 | 460.00 | 11 |
| 12 | 44,100 | 128.07 | 0.61 | 0.43 | 115.50 | 460.00 | 12 |
| 13 | 44,100 | 128.32 | 0.25 | 0.43 | 115.50 | 460.00 | 13 |
| 14 | 44,100 | 129.51 | 1.19 | 0.36 | 115.50 | 460.00 | 14 |
| 15 | | | | | | | 15 |
| 16 | 44,300 | 127.49 | 0. | 0.03 | 115.50 | 20.00 | 16 |
| 17 | 44,300 | 128.10 | 0.61 | 0.03 | 115.50 | 20.00 | 17 |
| 18 | 44,300 | 128.35 | 0.25 | 0.03 | 115.50 | 20.00 | 18 |
| 19 | 44,300 | 129.54 | 1.19 | 0.03 | 115.50 | 20.00 | 19 |
| 20 | | | | | | | 20 |
| 21 | * 45,000 | 127.64 | 0. | 0.15 | 117.80 | 70.00 | 21 |
| 22 | * 45,000 | 128.34 | 0.70 | 0.24 | 117.80 | 70.00 | 22 |
| 23 | * 45,000 | 128.63 | 0.29 | 0.28 | 117.80 | 70.00 | 23 |
| 24 | * 45,000 | 129.99 | 1.36 | 0.45 | 117.80 | 70.00 | 24 |
| 25 | | | | | | | 25 |
| 26 | 45,200 | 127.67 | 0. | 0.03 | 117.80 | 20.00 | 26 |
| 27 | 45,200 | 128.36 | 0.70 | 0.03 | 117.80 | 20.00 | 27 |
| 28 | 45,200 | 128.65 | 0.29 | 0.03 | 117.80 | 20.00 | 28 |
| 29 | 45,200 | 130.01 | 1.36 | 0.02 | 117.80 | 20.00 | 29 |
| 30 | | | | | | | 30 |
| 31 | 49,500 | 128.24 | 0. | 0.57 | 118.30 | 430.00 | 31 |
| 32 | 49,500 | 128.94 | 0.70 | 0.58 | 118.30 | 430.00 | 32 |
| 33 | 49,500 | 129.22 | 0.28 | 0.57 | 118.30 | 430.00 | 33 |
| 34 | 49,500 | 130.50 | 1.28 | 0.49 | 118.30 | 430.00 | 34 |
| 35 | | | | | | | 35 |
| 36 | 50,500 | 127.44 | 0. | -0.80 | 118.50 | 100.00 | 36 |
| 37 | * 50,500 | 129.65 | 2.21 | 0.71 | 118.50 | 100.00 | 37 |
| 38 | * 50,500 | 129.55 | -0.10 | 0.33 | 118.50 | 100.00 | 38 |
| 39 | 50,500 | 130.61 | 1.07 | 0.11 | 118.50 | 100.00 | 39 |
| 40 | | | | | | | 40 |
| 41 | * 52,500 | 130.96 | 0. | 3.52 | 118.50 | 200.00 | 41 |
| 42 | * 52,500 | 131.60 | 0.64 | 1.95 | 118.50 | 200.00 | 42 |
| 43 | * 52,500 | 131.72 | 0.12 | 2.17 | 118.50 | 200.00 | 43 |
| 44 | * 52,500 | 132.40 | 0.69 | 1.79 | 118.50 | 200.00 | 44 |
| 45 | | | | | | | 45 |
| 46 | 53,000 | 130.83 | 0. | -0.13 | 117.60 | 50.00 | 46 |
| 47 | 53,000 | 131.50 | 0.66 | -0.10 | 117.60 | 50.00 | 47 |
| 48 | 53,000 | 131.60 | 0.11 | -0.11 | 117.60 | 50.00 | 48 |
| 49 | 53,000 | 132.28 | 0.67 | -0.13 | 117.60 | 50.00 | 49 |
| 50 | | | | | | | 50 |
| 51 | 53,500 | 130.47 | 0. | 0.14 | 117.60 | 50.00 | 51 |
| 52 | 53,500 | 131.62 | 0.65 | 0.12 | 117.60 | 50.00 | 52 |
| 53 | 53,500 | 131.74 | 0.12 | 0.14 | 117.60 | 50.00 | 53 |
| 54 | 53,500 | 132.44 | 0.70 | 0.17 | 117.60 | 50.00 | 54 |
| 55 | | | | | | | 55 |
| 56 | | | | | | | 56 |
| 57 | | | | | | | 57 |

| | SECNO | CWSEL | DIFWSP | DIFWSX | ELMIN | XLCH | |
|----|----------|--------|--------|--------|--------|--------|----|
| 1 | 57,000 | 131,35 | 0, | 0,38 | 119,50 | 350,00 | 1 |
| 2 | 57,000 | 131,98 | 0,63 | 0,36 | 119,50 | 350,00 | 2 |
| 3 | 57,000 | 132,13 | 0,16 | 0,39 | 119,50 | 350,00 | 3 |
| 4 | 57,000 | 132,92 | 0,78 | 0,48 | 119,50 | 350,00 | 4 |
| 5 | | | | | | | 5 |
| 6 | 57,200 | 130,71 | 0, | -0,60 | 119,50 | 20,00 | 6 |
| 7 | 57,200 | 130,79 | 0,08 | -1,19 | 119,50 | 20,00 | 7 |
| 8 | 57,200 | 132,14 | 1,35 | 0,01 | 119,50 | 20,00 | 8 |
| 9 | 57,200 | 132,92 | 0,79 | 0,01 | 119,50 | 20,00 | 9 |
| 10 | | | | | | | 10 |
| 11 | * 58,300 | 130,89 | 0, | 0,19 | 119,80 | 110,00 | 11 |
| 12 | * 58,300 | 132,22 | 1,32 | 1,43 | 119,80 | 110,00 | 12 |
| 13 | * 58,300 | 132,41 | 0,20 | 0,28 | 119,80 | 110,00 | 13 |
| 14 | * 58,300 | 132,81 | 0,39 | -0,12 | 119,80 | 110,00 | 14 |
| 15 | | | | | | | 15 |
| 16 | 58,500 | 131,15 | 0, | 0,26 | 119,80 | 20,00 | 16 |
| 17 | 58,500 | 132,74 | 1,59 | 0,52 | 119,80 | 20,00 | 17 |
| 18 | 58,500 | 132,80 | 0,07 | 0,39 | 119,80 | 20,00 | 18 |
| 19 | 58,500 | 133,15 | 0,35 | 0,35 | 119,80 | 20,00 | 19 |
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10-YR 0 HEADOW B
SUMMARY PRINTOUT

| LINE | SECNO | STCHL | STCHR | SSTA | ENDST | TOPMID | |
|------|-------|--------|--------|--------|--------|---------|---------|
| 1 | | | | | | | |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | * | 8,000 | 731.00 | 765.00 | 423.26 | 1066.04 | 626.26 |
| 5 | | 8,000 | 731.00 | 765.00 | 347.00 | 1395.00 | 1045.43 |
| 6 | | 8,000 | 731.00 | 765.00 | 232.00 | 1473.00 | 1241.00 |
| 7 | | 8,000 | 731.00 | 765.00 | 32.00 | 1641.18 | 1609.18 |
| 8 | | | | | | | |
| 9 | | 10,700 | 630.00 | 665.00 | 619.53 | 1136.66 | 517.14 |
| 10 | | 10,700 | 630.00 | 665.00 | 595.64 | 1197.47 | 601.83 |
| 11 | | 10,700 | 630.00 | 665.00 | 104.34 | 1289.59 | 1185.25 |
| 12 | | 10,700 | 630.00 | 665.00 | 75.73 | 1462.76 | 1387.02 |
| 13 | | | | | | | |
| 14 | | 13,300 | 530.00 | 565.00 | 500.23 | 851.55 | 351.32 |
| 15 | | 13,300 | 530.00 | 565.00 | 492.51 | 910.78 | 418.28 |
| 16 | | 13,300 | 530.00 | 565.00 | 31.60 | 992.98 | 961.37 |
| 17 | | 13,300 | 530.00 | 565.00 | 15.61 | 1043.17 | 1047.56 |
| 18 | | | | | | | |
| 19 | | 18,300 | 730.00 | 765.00 | 484.79 | 1105.64 | 660.85 |
| 20 | | 18,300 | 730.00 | 765.00 | 479.07 | 1142.79 | 683.72 |
| 21 | | 18,300 | 730.00 | 765.00 | 472.97 | 1181.10 | 708.13 |
| 22 | | 18,300 | 730.00 | 765.00 | 470.25 | 1245.14 | 1004.89 |
| 23 | | | | | | | |
| 24 | | 27,500 | 526.00 | 568.00 | 215.49 | 783.10 | 567.61 |
| 25 | | 27,500 | 526.00 | 568.00 | 192.79 | 867.04 | 674.25 |
| 26 | | 27,500 | 526.00 | 568.00 | 175.42 | 884.12 | 709.70 |
| 27 | | 27,500 | 526.00 | 568.00 | 105.21 | 904.99 | 799.78 |
| 28 | | | | | | | |
| 29 | | 30,000 | 526.00 | 568.00 | 197.14 | 850.95 | 653.81 |
| 30 | | 30,000 | 526.00 | 568.00 | 175.93 | 883.97 | 708.03 |
| 31 | | 30,000 | 526.00 | 568.00 | 161.69 | 888.20 | 726.51 |
| 32 | | 30,000 | 526.00 | 568.00 | 97.80 | 907.19 | 809.39 |
| 33 | | | | | | | |
| 34 | | 37,000 | 780.00 | 823.00 | 368.52 | 955.58 | 587.06 |
| 35 | | 37,000 | 780.00 | 823.00 | 305.46 | 992.07 | 686.61 |
| 36 | | 37,000 | 780.00 | 823.00 | 274.02 | 1010.27 | 736.25 |
| 37 | | 37,000 | 780.00 | 823.00 | 151.67 | 1055.92 | 904.25 |
| 38 | | | | | | | |
| 39 | | 37,800 | 780.00 | 823.00 | 357.47 | 961.97 | 604.50 |
| 40 | | 37,800 | 780.00 | 823.00 | 294.27 | 998.54 | 704.27 |
| 41 | | 37,800 | 780.00 | 823.00 | 263.79 | 1016.19 | 752.39 |
| 42 | | 37,800 | 780.00 | 823.00 | 147.28 | 1056.69 | 909.41 |
| 43 | | | | | | | |
| 44 | | 38,600 | 735.00 | 764.00 | 283.66 | 873.82 | 590.16 |
| 45 | | 38,600 | 735.00 | 764.00 | 230.43 | 887.27 | 656.84 |
| 46 | | 38,600 | 735.00 | 764.00 | 205.71 | 893.51 | 687.80 |
| 47 | | 38,600 | 735.00 | 764.00 | 116.29 | 958.40 | 842.11 |
| 48 | | | | | | | |
| 49 | | 39,500 | 735.00 | 764.00 | 266.24 | 870.22 | 611.98 |
| 50 | | 39,500 | 735.00 | 764.00 | 213.64 | 891.50 | 677.86 |
| 51 | | 39,500 | 735.00 | 764.00 | 190.01 | 897.47 | 707.46 |
| 52 | | 39,500 | 735.00 | 764.00 | 111.50 | 962.79 | 851.29 |
| 53 | | | | | | | |
| 54 | | 44,100 | 534.00 | 564.00 | 212.81 | 663.55 | 450.74 |
| 55 | | 44,100 | 534.00 | 564.00 | 176.16 | 701.28 | 525.12 |
| 56 | | 44,100 | 534.00 | 564.00 | 160.72 | 706.43 | 545.70 |
| 57 | | 44,100 | 534.00 | 564.00 | 89.53 | 730.16 | 640.63 |

| | SECNO | STCHL | STCHR | SSTA | ENDST | TOPWTD | | |
|----|--------|--------|--------|--------|---------|---------|---------|----|
| 1 | 44,300 | 534,00 | 564,00 | 211,20 | 665,34 | 454,14 | 1 | |
| 2 | 44,300 | 534,00 | 564,00 | 174,68 | 701,77 | 527,09 | 2 | |
| 3 | 44,300 | 534,00 | 564,00 | 159,43 | 706,86 | 547,43 | 3 | |
| 4 | 44,300 | 534,00 | 564,00 | 88,11 | 730,63 | 642,52 | 4 | |
| 5 | | | | | | | 5 | |
| 6 | * | 45,000 | 533,00 | 568,00 | 258,99 | 654,00 | 395,01 | 6 |
| 7 | * | 45,000 | 533,00 | 568,00 | 221,94 | 666,69 | 444,76 | 7 |
| 8 | * | 45,000 | 533,00 | 568,00 | 197,80 | 669,01 | 471,21 | 8 |
| 9 | * | 45,000 | 533,00 | 568,00 | 84,22 | 679,92 | 595,70 | 9 |
| 10 | | | | | | | 10 | |
| 11 | 45,200 | 533,00 | 568,00 | 258,40 | 654,65 | 396,25 | 11 | |
| 12 | 45,200 | 533,00 | 568,00 | 219,89 | 666,89 | 447,00 | 12 | |
| 13 | 45,200 | 533,00 | 568,00 | 195,78 | 669,21 | 473,43 | 13 | |
| 14 | 45,200 | 533,00 | 568,00 | 82,40 | 680,49 | 598,09 | 14 | |
| 15 | | | | | | | 15 | |
| 16 | 49,500 | 832,00 | 867,00 | 484,64 | 995,38 | 386,82 | 16 | |
| 17 | 49,500 | 832,00 | 867,00 | 454,96 | 1011,20 | 455,31 | 17 | |
| 18 | 49,500 | 832,00 | 867,00 | 443,16 | 1017,44 | 478,32 | 18 | |
| 19 | 49,500 | 832,00 | 867,00 | 367,75 | 1076,20 | 708,45 | 19 | |
| 20 | | | | | | | 20 | |
| 21 | 50,500 | 832,00 | 867,00 | 833,80 | 867,00 | 33,20 | 21 | |
| 22 | * | 50,500 | 832,00 | 867,00 | 433,46 | 1244,79 | 487,31 | 22 |
| 23 | * | 50,500 | 832,00 | 867,00 | 437,78 | 1234,64 | 458,26 | 23 |
| 24 | 50,500 | 832,00 | 867,00 | 374,82 | 1341,57 | 860,84 | 24 | |
| 25 | | | | | | | 25 | |
| 26 | * | 52,500 | 832,00 | 867,00 | 345,70 | 1375,99 | 1030,29 | 26 |
| 27 | * | 52,500 | 832,00 | 867,00 | 0. | 1439,85 | 1439,85 | 27 |
| 28 | * | 52,500 | 832,00 | 867,00 | 0. | 1451,55 | 1451,55 | 28 |
| 29 | * | 52,500 | 832,00 | 867,00 | 0. | 1500,00 | 1500,00 | 29 |
| 30 | | | | | | | 30 | |
| 31 | 53,000 | 483,00 | 527,00 | 361,69 | 894,14 | 522,75 | 31 | |
| 32 | 53,000 | 483,00 | 527,00 | 331,08 | 921,43 | 585,05 | 32 | |
| 33 | 53,000 | 483,00 | 527,00 | 326,13 | 925,84 | 595,11 | 33 | |
| 34 | 53,000 | 483,00 | 527,00 | 295,21 | 942,00 | 646,65 | 34 | |
| 35 | | | | | | | 35 | |
| 36 | 53,500 | 483,00 | 527,00 | 355,42 | 899,73 | 535,51 | 36 | |
| 37 | 53,500 | 483,00 | 527,00 | 325,62 | 926,30 | 596,16 | 37 | |
| 38 | 53,500 | 483,00 | 527,00 | 319,95 | 931,35 | 607,71 | 38 | |
| 39 | 53,500 | 483,00 | 527,00 | 287,66 | 942,00 | 654,34 | 39 | |
| 40 | | | | | | | 40 | |
| 41 | 57,000 | 728,00 | 774,00 | 185,79 | 1126,18 | 886,89 | 41 | |
| 42 | 57,000 | 728,00 | 774,00 | 141,66 | 1185,28 | 1005,86 | 42 | |
| 43 | 57,000 | 728,00 | 774,00 | 130,73 | 1199,92 | 1037,82 | 43 | |
| 44 | 57,000 | 728,00 | 774,00 | 75,94 | 1273,29 | 1197,35 | 44 | |
| 45 | | | | | | | 45 | |
| 46 | 57,200 | 728,00 | 774,00 | 728,28 | 774,00 | 44,04 | 46 | |
| 47 | 57,200 | 728,00 | 774,00 | 728,16 | 774,00 | 44,27 | 47 | |
| 48 | 57,200 | 728,00 | 774,00 | 129,69 | 1201,31 | 1040,85 | 48 | |
| 49 | 57,200 | 728,00 | 774,00 | 74,63 | 1275,05 | 1200,42 | 49 | |
| 50 | | | | | | | 50 | |
| 51 | * | 58,300 | 730,00 | 772,00 | 730,58 | 772,00 | 41,42 | 51 |
| 52 | * | 58,300 | 730,00 | 772,00 | 225,71 | 1289,10 | 1063,39 | 52 |
| 53 | * | 58,300 | 730,00 | 772,00 | 200,53 | 1657,33 | 1456,80 | 53 |
| 54 | * | 58,300 | 730,00 | 772,00 | 150,93 | 2000,00 | 1849,07 | 54 |
| 55 | | | | | | | 55 | |
| 56 | | | | | | | 56 | |
| 57 | | | | | | | 57 | |

| | SECNO | STCHL | STCHR | SSTA | ENDST | TOPWID | |
|----|--------|--------|--------|--------|---------|---------|----|
| 1 | 58,500 | 730,00 | 772,00 | 730,21 | 772,00 | 41,79 | 1 |
| 2 | 58,500 | 730,00 | 772,00 | 160,06 | 2000,00 | 1839,94 | 2 |
| 3 | 58,500 | 730,00 | 772,00 | 150,41 | 2000,00 | 1849,59 | 3 |
| 4 | 58,500 | 730,00 | 772,00 | 107,75 | 2000,00 | 1892,25 | 4 |
| 5 | | | | | | | 5 |
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| 57 | | | | | | | 57 |

10-YR D MEADOW B
SUMMARY PRINTOUT

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|--------|--------|------|-------|------|--------|--------|-----|---------|--------|-----|-----|
| 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 |
| 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 |
| 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 |
| 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 |
| 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 |
| 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 8,000 | 120.56 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 735.44 | | |
| 8,000 | 123.10 | 0. | 0. | 2.54 | 0. | 0. | 0. | 2978.77 | | | |
| 8,000 | 125.10 | 0. | 0. | 2.00 | 0. | 0. | 0. | 5251.25 | | | |
| 8,000 | 127.60 | 0. | 0. | 2.50 | 0. | 0. | 0. | 8772.04 | | | |
| 10,700 | 122.38 | 1.50 | 1.48 | 0. | 0. | 0. | 0. | 898.30 | | | |
| 10,700 | 123.25 | 0.44 | 1.48 | 0.97 | 0. | 0. | 0. | 1384.42 | | | |
| 10,700 | 125.14 | 0.50 | 1.48 | 1.89 | 0. | 0. | 0. | 3178.74 | | | |
| 10,700 | 127.42 | 0.63 | 1.48 | 2.48 | 0. | 0. | 0. | 6332.45 | | | |
| 13,300 | 123.32 | 0.91 | 0.77 | 0. | 0. | 0. | 0. | 633.85 | | | |
| 13,300 | 123.83 | 0.68 | 0.77 | 0.51 | 0. | 0. | 0. | 832.05 | | | |
| 13,300 | 125.26 | 0.60 | 0.77 | 1.44 | 0. | 0. | 0. | 2069.68 | | | |
| 13,300 | 127.67 | 0.66 | 0.77 | 2.41 | 0. | 0. | 0. | 4497.74 | | | |
| 18,300 | 124.52 | 3.06 | 0.60 | 0. | 0. | 0. | 0. | 1939.86 | | | |
| 18,300 | 125.09 | 3.04 | 0.60 | 0.57 | 0. | 0. | 0. | 2324.12 | | | |
| 18,300 | 125.71 | 1.68 | 0.60 | 0.62 | 0. | 0. | 0. | 2748.84 | | | |
| 18,300 | 127.84 | 1.16 | 0.60 | 2.13 | 0. | 0. | 0. | 4545.93 | | | |
| 27,500 | 125.31 | 0.48 | 0.87 | 0. | 0. | 0. | 0. | 1090.60 | | | |
| 27,500 | 125.91 | 0.53 | 0.87 | 0.60 | 0. | 0. | 0. | 1462.88 | | | |
| 27,500 | 126.37 | 0.53 | 0.87 | 0.46 | 0. | 0. | 0. | 1782.40 | | | |
| 27,500 | 128.22 | 0.59 | 0.87 | 1.85 | 0. | 0. | 0. | 3181.24 | | | |
| 30,000 | 125.79 | 1.33 | 0. | 0. | 0. | 0. | 0. | 1386.50 | | | |
| 30,000 | 126.35 | 1.27 | 0. | 0.56 | 0. | 0. | 0. | 1772.72 | | | |
| 30,000 | 126.73 | 1.19 | 0. | 0.38 | 0. | 0. | 0. | 2042.56 | | | |
| 30,000 | 128.42 | 1.07 | 0. | 1.69 | 0. | 0. | 0. | 3338.64 | | | |
| 37,000 | 126.57 | 0.92 | -1.00 | 0. | 0. | 0. | 0. | 1203.21 | | | |
| 37,000 | 127.15 | 0.92 | -1.00 | 0.58 | 0. | 0. | 0. | 1575.05 | | | |
| 37,000 | 127.44 | 0.88 | -1.00 | 0.29 | 0. | 0. | 0. | 1782.18 | | | |
| 37,000 | 128.87 | 0.84 | -1.00 | 1.43 | 0. | 0. | 0. | 2975.72 | | | |
| 37,800 | 126.68 | 1.06 | 0. | 0. | 0. | 0. | 0. | 1264.16 | | | |
| 37,800 | 127.27 | 1.05 | 0. | 0.58 | 0. | 0. | 0. | 1647.08 | | | |
| 37,800 | 127.55 | 1.05 | 0. | 0.28 | 0. | 0. | 0. | 1852.65 | | | |
| 37,800 | 128.94 | 1.02 | 0. | 1.39 | 0. | 0. | 0. | 3031.61 | | | |
| 38,600 | 126.85 | 0.48 | 20.00 | 0. | 124.40 | 124.70 | | 1233.66 | | | |
| 38,600 | 127.44 | 0.51 | 20.00 | 0.59 | 124.40 | 124.70 | | 1600.44 | | | |
| 38,600 | 127.72 | 0.52 | 20.00 | 0.27 | 124.40 | 124.70 | | 1784.14 | | | |
| 38,600 | 129.06 | 0.95 | 20.00 | 1.35 | 124.40 | 124.70 | | 2904.38 | | | |
| 39,500 | 127.04 | 2.23 | 0. | 0. | 0. | 0. | 0. | 1436.83 | | | |
| 39,500 | 127.63 | 2.11 | 0. | 0.58 | 0. | 0. | 0. | 1813.75 | | | |
| 39,500 | 127.89 | 2.05 | 0. | 0.26 | 0. | 0. | 0. | 1945.61 | | | |
| 39,500 | 129.15 | 1.03 | 0. | 1.26 | 0. | 0. | 0. | 2971.97 | | | |
| 44,100 | 127.46 | 0.84 | -1.96 | 0. | 0. | 0. | 0. | 1089.16 | | | |
| 44,100 | 128.07 | 0.82 | -1.96 | 0.61 | 0. | 0. | 0. | 1388.00 | | | |
| 44,100 | 128.32 | 0.82 | -1.96 | 0.25 | 0. | 0. | 0. | 1525.75 | | | |
| 44,100 | 129.51 | 0.76 | -1.96 | 1.19 | 0. | 0. | 0. | 2229.57 | | | |

26

10-YR G MEADOW B
SUMMARY PRINTOUT

| LINE | SECNU | CWSEL | VOL | KXXNL | KXXNCH | KXXNR | 01K | STCHL | STCHR | BSIA | ENDST | TOPMID |
|------|-------|--------|--------|--------|--------|-------|---------|--------|--------|--------|---------|---------|
| 1 | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | |
| 4 | * | 8,000 | 120.56 | 0. | 60.00 | 50.00 | 281.03 | 731.00 | 765.00 | 423.26 | 1066.04 | 626.26 |
| 5 | | 8,000 | 123.10 | 0. | 60.00 | 50.00 | 1671.78 | 731.00 | 765.00 | 347.00 | 1395.00 | 1045.43 |
| 6 | | 8,000 | 125.10 | 0. | 60.00 | 50.00 | 3809.61 | 731.00 | 765.00 | 232.00 | 1473.00 | 1241.00 |
| 7 | | 8,000 | 127.60 | 0. | 60.00 | 50.00 | 7860.49 | 731.00 | 765.00 | 32.00 | 1641.18 | 1609.18 |
| 8 | | 10,700 | 122.38 | 5.06 | 60.00 | 50.00 | 421.66 | 630.00 | 665.00 | 619.53 | 1136.66 | 517.14 |
| 9 | | 10,700 | 123.25 | 13.52 | 60.00 | 50.00 | 730.82 | 630.00 | 665.00 | 595.64 | 1197.47 | 601.83 |
| 10 | | 10,700 | 125.14 | 26.13 | 60.00 | 50.00 | 1919.04 | 630.00 | 665.00 | 104.34 | 1289.59 | 1185.25 |
| 11 | | 10,700 | 127.62 | 46.81 | 60.00 | 50.00 | 4936.99 | 630.00 | 665.00 | 75.73 | 1462.76 | 1387.02 |
| 12 | | 13,300 | 123.32 | 9.64 | 60.00 | 50.00 | 383.65 | 530.00 | 565.00 | 500.23 | 851.55 | 351.32 |
| 13 | | 13,300 | 123.83 | 20.14 | 60.00 | 50.00 | 496.05 | 530.00 | 565.00 | 492.51 | 910.78 | 418.28 |
| 14 | | 13,300 | 125.26 | 41.79 | 60.00 | 50.00 | 1143.58 | 530.00 | 565.00 | 31.60 | 992.98 | 961.37 |
| 15 | | 13,300 | 127.67 | 79.13 | 60.00 | 50.00 | 3277.64 | 530.00 | 565.00 | 15.61 | 1063.17 | 1047.56 |
| 16 | | 18,300 | 124.52 | 24.41 | 60.00 | 50.00 | 1174.73 | 730.00 | 765.00 | 484.79 | 1145.64 | 660.85 |
| 17 | | 18,300 | 125.09 | 38.25 | 60.00 | 50.00 | 1510.22 | 730.00 | 765.00 | 479.07 | 1162.79 | 683.72 |
| 18 | | 18,300 | 125.71 | 69.44 | 60.00 | 50.00 | 1916.93 | 730.00 | 765.00 | 472.97 | 1181.10 | 708.13 |
| 19 | | 18,300 | 127.84 | 131.04 | 60.00 | 50.00 | 3786.34 | 730.00 | 765.00 | 240.25 | 1245.14 | 1004.89 |
| 20 | | 27,500 | 125.31 | 56.41 | 60.00 | 50.00 | 568.44 | 526.00 | 568.00 | 215.49 | 783.10 | 567.61 |
| 21 | | 27,500 | 125.91 | 78.24 | 60.00 | 50.00 | 802.40 | 526.00 | 568.00 | 192.79 | 867.04 | 674.25 |
| 22 | | 27,500 | 126.37 | 117.29 | 60.00 | 50.00 | 1022.83 | 526.00 | 568.00 | 175.42 | 884.12 | 708.70 |
| 23 | | 27,500 | 128.22 | 212.64 | 60.00 | 50.00 | 2244.20 | 526.00 | 568.00 | 105.21 | 904.99 | 739.78 |
| 24 | | 30,000 | 125.79 | 63.52 | 60.00 | 50.00 | 753.23 | 526.00 | 568.00 | 197.14 | 850.95 | 653.81 |
| 25 | | 30,000 | 126.35 | 87.53 | 60.00 | 50.00 | 1015.76 | 526.00 | 568.00 | 175.93 | 883.97 | 708.03 |
| 26 | | 30,000 | 126.73 | 128.27 | 60.00 | 50.00 | 1220.99 | 526.00 | 568.00 | 161.69 | 888.20 | 726.51 |
| 27 | | 30,000 | 128.42 | 231.35 | 60.00 | 50.00 | 2402.62 | 526.00 | 568.00 | 97.80 | 907.19 | 809.39 |
| 28 | | 37,000 | 126.57 | 44.33 | 60.00 | 50.00 | 695.79 | 780.00 | 823.00 | 368.52 | 955.58 | 587.06 |
| 29 | | 37,000 | 127.15 | 114.43 | 60.00 | 50.00 | 937.68 | 780.00 | 823.00 | 405.46 | 992.07 | 686.61 |
| 30 | | 37,000 | 127.44 | 159.00 | 60.00 | 50.00 | 1078.84 | 780.00 | 823.00 | 274.02 | 1010.27 | 736.25 |
| 31 | | 37,000 | 128.87 | 242.08 | 60.00 | 50.00 | 2015.19 | 780.00 | 823.00 | 151.67 | 1055.92 | 904.25 |
| 32 | | 37,800 | 126.68 | 86.59 | 60.00 | 50.00 | 734.36 | 823.00 | 823.00 | 357.47 | 961.97 | 604.50 |
| 33 | | 37,800 | 127.27 | 117.38 | 60.00 | 50.00 | 986.28 | 823.00 | 823.00 | 294.27 | 998.54 | 704.27 |
| 34 | | 37,800 | 127.55 | 162.34 | 60.00 | 50.00 | 1127.63 | 823.00 | 823.00 | 263.79 | 1016.19 | 752.39 |
| 35 | | 37,800 | 128.94 | 287.60 | 60.00 | 50.00 | 2054.72 | 823.00 | 823.00 | 147.28 | 1056.69 | 909.41 |
| 36 | | 38,600 | 126.85 | 86.89 | 60.00 | 50.00 | 354.58 | 764.00 | 764.00 | 283.66 | 873.82 | 590.16 |
| 37 | | 38,600 | 127.44 | 120.37 | 60.00 | 50.00 | 501.80 | 764.00 | 764.00 | 230.43 | 887.27 | 656.84 |
| 38 | | 38,600 | 127.72 | 165.68 | 60.00 | 50.00 | 582.37 | 764.00 | 764.00 | 205.71 | 893.51 | 687.80 |
| 39 | | 38,600 | 129.06 | 293.05 | 60.00 | 50.00 | 1970.50 | 764.00 | 764.00 | 116.29 | 958.40 | 842.11 |
| 40 | | 39,500 | 127.04 | 91.64 | 60.00 | 50.00 | 789.71 | 735.00 | 764.00 | 266.24 | 878.22 | 611.98 |
| 41 | | 39,500 | 127.63 | 123.89 | 60.00 | 50.00 | 1058.90 | 735.00 | 764.00 | 213.64 | 891.50 | 677.84 |
| 42 | | 39,500 | 127.89 | 169.58 | 60.00 | 50.00 | 1195.87 | 735.00 | 764.00 | 190.01 | 897.47 | 707.46 |
| 43 | | 39,500 | 129.15 | 299.12 | 60.00 | 50.00 | 2031.76 | 735.00 | 764.00 | 111.50 | 962.79 | 851.29 |
| 44 | | 44,100 | 127.46 | 104.98 | 60.00 | 50.00 | 664.02 | 534.00 | 564.00 | 212.81 | 663.55 | 450.74 |
| 45 | | 44,100 | 128.07 | 140.80 | 60.00 | 50.00 | 873.05 | 534.00 | 564.00 | 176.16 | 701.28 | 525.12 |
| 46 | | 44,100 | 128.32 | 188.18 | 60.00 | 50.00 | 975.63 | 534.00 | 564.00 | 160.72 | 706.43 | 545.70 |
| 47 | | 44,100 | 129.51 | 326.58 | 60.00 | 50.00 | 1552.45 | 534.00 | 564.00 | 89.53 | 730.16 | 640.63 |

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977
 ERROR CORR = 01,02
 MODIFICATION = 50,51,52,53

T1 LUMBERTON N C MEADOW BRANCH
 T2 FLOOD INSURANCE STUDY
 T3 100-YR D MEADOW BRANCH

| J1 | ICHECK | ING | NTNV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FD |
|----|-------------------------------------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| | 0. | 4. | 0. | 0. | 0. | 0. | 0. | 0. | 125,100 | 0. |
| J2 | NPROF | IPLOT | PREVS | XSECV | XSECH | FN | ALLOC | TRM | CHNIM | ITRACE |
| | 1,000 | 0. | -1,000 | 5,000 | 500,000 | 0. | 0. | 0. | 0. | 0. |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT | | | | | | | | | |
| | 38,000 | 1,000 | 52,000 | 51,000 | 42,000 | 39,000 | 0. | 38,000 | 21,000 | 22,000 |
| | 53,000 | 5,000 | 4,000 | 0. | 38,000 | 1,000 | 58,000 | 33,000 | 50,000 | 40,000 |
| | 41,000 | 25,000 | 0. | 38,000 | 1,000 | 43,000 | 13,000 | 55,000 | 14,000 | 26,000 |
| | 15,000 | 56,000 | 8,000 | 35,000 | 60,000 | 59,000 | 0. | 38,000 | 1,000 | 7,000 |
| | 16,000 | 17,000 | 18,000 | 34,000 | 21,000 | 22,000 | 53,000 | 54,000 | 4,000 | 0. |
| NC | 0,060 | 0,060 | 0,050 | 0,100 | 0,300 | 0. | 0. | 0. | 0. | 0. |
| QT | 5,000 | 270,000 | 360,000 | 410,000 | 640,000 | 410,000 | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7,100 | 650,000 | 1060,000 | 0. | 0. |
| X1 | 8,000 | 19,000 | 731,000 | 765,000 | 0. | 0. | 0. | 0. | 0. | 0. |
| GR | 128,000 | 0. | 126,000 | 160,000 | 124,000 | 320,000 | 120,000 | 440,000 | 119,100 | 700,000 |
| GR | 120,000 | 712,000 | 124,400 | 716,000 | 121,600 | 719,000 | 120,000 | 731,000 | 114,500 | 741,000 |
| GR | 113,800 | 750,000 | 114,900 | 759,000 | 120,700 | 765,000 | 118,300 | 800,000 | 120,000 | 960,000 |
| GR | 122,000 | 1340,000 | 124,000 | 1440,000 | 126,000 | 1500,000 | 127,700 | 1650,000 | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7,100 | 600,000 | 950,000 | 0. | 0. |
| X1 | 10,700 | 17,000 | 630,000 | 665,000 | 270,000 | 270,000 | 270,000 | 0. | 0. | 0. |
| GR | 130,000 | 0. | 128,000 | 70,000 | 126,000 | 100,000 | 124,000 | 110,000 | 124,000 | 575,000 |
| GR | 122,000 | 630,000 | 120,000 | 635,000 | 115,000 | 640,000 | 114,200 | 650,000 | 115,400 | 660,000 |
| GR | 121,000 | 665,000 | 120,000 | 720,000 | 120,700 | 900,000 | 122,000 | 1110,000 | 124,000 | 1250,000 |
| GR | 126,000 | 1320,000 | 127,700 | 1470,000 | 0. | 0. | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7,100 | 480,000 | 830,000 | 0. | 0. |
| X1 | 13,300 | 13,000 | 530,000 | 565,000 | 260,000 | 260,000 | 260,000 | 0. | 0. | 0. |
| GR | 130,000 | 0. | 124,000 | 40,000 | 124,000 | 490,000 | 122,000 | 520,000 | 120,000 | 530,000 |
| GR | 115,100 | 540,000 | 114,400 | 550,000 | 115,500 | 560,000 | 121,000 | 565,000 | 122,000 | 700,000 |
| GR | 124,000 | 930,000 | 126,000 | 1030,000 | 128,000 | 1070,000 | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7,100 | 600,000 | 950,000 | 0. | 0. |

| | | | | | | | | | | | | |
|----|----|---------|----------|----------|----------|----------|----------|---------|----------|---------|----------|----|
| 1 | X1 | 18,300 | 15,000 | 730,000 | 765,000 | 500,000 | 500,000 | 500,000 | 0. | 0. | 0. | 1 |
| 2 | GR | 130,000 | 0. | 128,000 | 220,000 | 126,000 | 470,000 | 124,000 | 490,000 | 122,000 | 570,000 | 2 |
| 3 | GR | 120,000 | 730,000 | 115,500 | 740,000 | 114,700 | 750,000 | 115,900 | 760,000 | 121,600 | 765,000 | 3 |
| 4 | GR | 120,000 | 770,000 | 122,000 | 970,000 | 124,000 | 1130,000 | 126,000 | 1190,000 | 124,000 | 1250,000 | 4 |
| 5 | ET | 0. | 0. | 0. | 0. | 0. | 10,400 | 0. | 0. | 0. | 0. | 5 |
| 6 | X1 | 27,500 | 13,000 | 526,000 | 568,000 | 920,000 | 920,000 | 920,000 | 0. | 0. | 0. | 6 |
| 7 | GR | 131,000 | 0. | 124,000 | 265,000 | 123,700 | 526,000 | 122,800 | 532,000 | 117,000 | 540,000 | 7 |
| 8 | GR | 115,500 | 550,000 | 116,900 | 560,000 | 124,500 | 568,000 | 121,500 | 600,000 | 124,000 | 720,000 | 8 |
| 9 | GR | 125,000 | 740,000 | 126,000 | 880,000 | 130,000 | 925,000 | 0. | 0. | 0. | 0. | 9 |
| 10 | ET | 0. | 0. | 0. | 0. | 0. | 7,100 | 380,000 | 655,000 | 0. | 0. | 10 |
| 11 | QT | 5,000 | 2460,000 | 3360,000 | 3750,000 | 5760,000 | 3750,000 | 0. | 0. | 0. | 0. | 11 |
| 12 | X1 | 30,000 | 0. | 0. | 0. | 250,000 | 250,000 | 250,000 | 0. | 0. | 0. | 12 |
| 13 | ET | 0. | 0. | 0. | 0. | 0. | 7,100 | 600,000 | 890,000 | 0. | 0. | 13 |
| 14 | X1 | 37,000 | 16,000 | 780,000 | 823,000 | 700,000 | 700,000 | 700,000 | 0. | 0. | 0. | 14 |
| 15 | GR | 131,000 | 0. | 128,000 | 214,000 | 126,000 | 430,000 | 124,000 | 750,000 | 123,800 | 780,000 | 15 |
| 16 | GR | 117,900 | 790,000 | 114,800 | 800,000 | 117,800 | 810,000 | 126,000 | 823,000 | 125,700 | 834,000 | 16 |
| 17 | GR | 122,400 | 842,000 | 122,200 | 850,000 | 123,900 | 900,000 | 126,000 | 920,000 | 128,000 | 1045,000 | 17 |
| 18 | GR | 130,000 | 1070,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 18 |
| 19 | ET | 0. | 0. | 0. | 0. | 0. | 7,100 | 600,000 | 890,000 | 0. | 0. | 19 |
| 20 | X1 | 37,800 | 0. | 0. | 0. | 80,000 | 80,000 | 80,000 | 0. | 0. | 0. | 20 |
| 21 | X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 124,900 | 124,900 | 0. | 21 |
| 22 | ET | 0. | 0. | 0. | 0. | 0. | 7,100 | 560,000 | 805,000 | 0. | 0. | 22 |
| 23 | SB | 0. | 1,500 | 3,000 | 500,000 | 9,000 | 0. | 207,000 | 2,400 | 0. | 0. | 23 |
| 24 | X1 | 38,600 | 11,000 | 735,000 | 764,000 | 80,000 | 80,000 | 80,000 | 0. | 0. | 0. | 24 |
| 25 | X2 | 0. | 0. | 1,000 | 124,700 | 124,400 | 0. | 0. | 0. | 0. | 0. | 25 |
| 26 | X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 124,900 | 124,900 | 0. | 26 |
| 27 | GR | 131,000 | 0. | 128,000 | 180,000 | 126,000 | 360,000 | 123,400 | 735,000 | 117,800 | 742,000 | 27 |
| 28 | GR | 116,400 | 750,000 | 117,700 | 758,000 | 123,200 | 764,000 | 123,600 | 800,000 | 128,000 | 900,000 | 28 |
| 29 | GR | 130,000 | 1010,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 29 |
| 30 | ET | 0. | 0. | 0. | 0. | 0. | 7,100 | 560,000 | 805,000 | 0. | 0. | 30 |
| 31 | QT | 5,000 | 2270,000 | 3110,000 | 3470,000 | 5320,000 | 3470,000 | 0. | 0. | 0. | 0. | 31 |
| 32 | X1 | 39,500 | 0. | 0. | 0. | 90,000 | 90,000 | 90,000 | 0. | 0. | 0. | 32 |
| 33 | ET | 0. | 0. | 0. | 0. | 0. | 7,100 | 370,000 | 630,000 | 0. | 0. | 33 |
| 34 | X1 | 44,100 | 12,000 | 534,000 | 564,000 | 460,000 | 460,000 | 460,000 | 0. | 0. | 0. | 34 |
| 35 | GR | 131,000 | 0. | 126,000 | 300,000 | 124,000 | 400,000 | 124,000 | 445,000 | 124,700 | 534,000 | 35 |
| 36 | GR | 117,900 | 542,000 | 115,500 | 550,000 | 117,900 | 558,000 | 125,000 | 564,000 | 126,500 | 600,000 | 36 |
| 37 | GR | 128,000 | 700,000 | 130,000 | 740,000 | 0. | 0. | 0. | 0. | 0. | 0. | 37 |
| 38 | ET | 0. | 0. | 0. | 0. | 0. | 7,100 | 370,000 | 630,000 | 0. | 0. | 38 |
| 39 | X1 | 44,300 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. | 39 |
| 40 | X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 125,200 | 125,200 | 0. | 40 |
| 41 | ET | 0. | 0. | 0. | 0. | 0. | 7,100 | 395,000 | 630,000 | 0. | 0. | 41 |
| 42 | SB | 1,250 | 1,500 | 3,000 | 200,000 | 33,000 | 15,500 | 99,500 | 0. | 0. | 0. | 42 |
| 43 | X1 | 45,000 | 13,000 | 533,000 | 568,000 | 70,000 | 70,000 | 70,000 | 0. | 0. | 0. | 43 |
| 44 | X2 | 0. | 0. | 1,000 | 122,800 | 124,700 | 0. | 0. | 0. | 0. | 0. | 44 |
| 45 | X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 125,200 | 125,200 | 0. | 45 |
| 46 | GR | 131,000 | 0. | 128,000 | 250,000 | 126,000 | 300,000 | 124,000 | 355,000 | 125,800 | 533,000 | 46 |

| | | | | | | | | | | | |
|----|----|---------|---------|---------|----------|---------|----------|---------|----------|---------|---------|
| 1 | GR | 119,100 | 542,000 | 117,800 | 550,000 | 119,100 | 558,000 | 123,700 | 568,000 | 125,700 | 600,000 |
| 2 | GR | 128,000 | 664,000 | 130,000 | 680,000 | 132,000 | 768,000 | 0 | 0 | 0 | 0 |
| 3 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 395,000 | 630,000 | 0 | 0 |
| 4 | X1 | 45,200 | 0 | 0 | 0 | 20,000 | 20,000 | 20,000 | 0 | 0 | 0 |
| 5 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 790,000 | 940,000 | 0 | 0 |
| 6 | X1 | 49,500 | 18,000 | 832,000 | 867,000 | 430,000 | 430,000 | 430,000 | 430,000 | 0 | 0 |
| 7 | GR | 131,200 | 0 | 131,300 | 300,000 | 130,000 | 410,000 | 128,000 | 495,000 | 123,000 | 560,000 |
| 8 | GR | 130,000 | 635,000 | 130,000 | 720,000 | 124,000 | 740,000 | 124,000 | 770,000 | 126,000 | 780,000 |
| 9 | GR | 129,000 | 832,000 | 119,200 | 842,000 | 118,300 | 850,000 | 119,100 | 858,000 | 125,600 | 867,000 |
| 10 | GR | 128,000 | 990,000 | 130,000 | 1035,000 | 132,000 | 1200,000 | 0 | 0 | 0 | 0 |
| 11 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 750,000 | 940,000 | 0 | 0 |
| 12 | X1 | 50,500 | 19,000 | 832,000 | 867,000 | 100,000 | 100,000 | 100,000 | 0 | 0 | 0 |
| 13 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 129,500 | 129,500 | 0 |
| 14 | GR | 131,200 | 0 | 131,300 | 300,000 | 130,000 | 410,000 | 128,000 | 495,000 | 123,000 | 560,000 |
| 15 | GR | 130,000 | 635,000 | 130,000 | 720,000 | 124,000 | 740,000 | 124,000 | 770,000 | 126,000 | 780,000 |
| 16 | GR | 129,000 | 832,000 | 119,200 | 842,000 | 118,300 | 850,000 | 119,100 | 858,000 | 125,600 | 867,000 |
| 17 | GR | 130,500 | 930,000 | 130,500 | 1025,000 | 129,000 | 1200,000 | 132,000 | 1500,000 | 0 | 0 |
| 18 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 790,000 | 940,000 | 0 | 0 |
| 19 | SB | 1,250 | 1,500 | 3,000 | 500,000 | 23,000 | 5,000 | 144,000 | 0 | 0 | 0 |
| 20 | X1 | 52,500 | 0 | 0 | 0 | 200,000 | 200,000 | 200,000 | 0 | 0 | 0 |
| 21 | X2 | 0 | 0 | 1,000 | 125,600 | 130,500 | 0 | 0 | 0 | 0 | 0 |
| 22 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 129,500 | 129,500 | 0 |
| 23 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 465,000 | 615,000 | 0 | 0 |
| 24 | X1 | 53,500 | 0 | 0.200 | 0 | 50,000 | 50,000 | 50,000 | 0 | 0 | 0 |
| 25 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 675,000 | 825,000 | 0 | 0 |
| 26 | X1 | 57,000 | 13,000 | 728,000 | 774,000 | 350,000 | 350,000 | 350,000 | 0 | 0 | 0 |
| 27 | GR | 134,000 | 0 | 132,500 | 200,000 | 132,500 | 285,000 | 130,000 | 400,000 | 128,000 | 470,000 |
| 28 | GR | 129,600 | 483,000 | 119,400 | 494,000 | 117,600 | 500,000 | 119,300 | 506,000 | 132,300 | 527,000 |
| 29 | GR | 130,700 | 535,000 | 130,200 | 550,000 | 130,000 | 575,000 | 127,000 | 610,000 | 130,000 | 627,000 |
| 30 | GR | 130,000 | 860,000 | 132,000 | 942,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 465,000 | 615,000 | 0 | 0 |
| 32 | X1 | 53,500 | 0 | 0.200 | 0 | 50,000 | 50,000 | 50,000 | 0 | 0 | 0 |
| 33 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 675,000 | 825,000 | 0 | 0 |
| 34 | X1 | 57,000 | 13,000 | 728,000 | 774,000 | 350,000 | 350,000 | 350,000 | 0 | 0 | 0 |
| 35 | GR | 134,000 | 0 | 132,500 | 200,000 | 132,500 | 285,000 | 130,000 | 400,000 | 128,000 | 470,000 |
| 36 | GR | 129,600 | 483,000 | 119,400 | 494,000 | 117,600 | 500,000 | 119,300 | 506,000 | 132,300 | 527,000 |
| 37 | GR | 130,700 | 535,000 | 130,200 | 550,000 | 130,000 | 575,000 | 127,000 | 610,000 | 130,000 | 627,000 |
| 38 | GR | 130,000 | 860,000 | 132,000 | 942,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 465,000 | 615,000 | 0 | 0 |
| 40 | X1 | 57,000 | 13,000 | 728,000 | 774,000 | 350,000 | 350,000 | 350,000 | 0 | 0 | 0 |
| 41 | GR | 134,000 | 0 | 132,500 | 200,000 | 132,500 | 285,000 | 130,000 | 400,000 | 128,000 | 470,000 |
| 42 | GR | 121,700 | 742,000 | 119,500 | 750,000 | 121,500 | 758,000 | 131,800 | 774,000 | 132,900 | 800,000 |
| 43 | GR | 130,000 | 850,000 | 130,000 | 1000,000 | 134,000 | 1375,000 | 0 | 0 | 0 | 0 |
| 44 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 675,000 | 825,000 | 0 | 0 |
| 45 | X1 | 57,200 | 0 | 0 | 0 | 20,000 | 20,000 | 20,000 | 0 | 0 | 0 |
| 46 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 132,000 | 132,000 | 0 |
| 47 | SB | 1,250 | 1,500 | 3,000 | 1300,000 | 14,000 | 2,000 | 96,000 | 0 | 0 | 0 |
| 48 | X1 | 58,300 | 9,000 | 730,000 | 772,000 | 110,000 | 110,000 | 110,000 | 0 | 0 | 0 |
| 49 | X2 | 0 | 0 | 1,000 | 128,200 | 131,500 | 0 | 0 | 0 | 0 | 0 |
| 50 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 132,000 | 132,000 | 0 |
| 51 | GR | 134,000 | 0 | 132,500 | 200,000 | 132,500 | 285,000 | 130,000 | 400,000 | 128,000 | 470,000 |
| 52 | GR | 121,700 | 742,000 | 119,500 | 750,000 | 121,500 | 758,000 | 131,800 | 774,000 | 132,900 | 800,000 |
| 53 | GR | 130,000 | 850,000 | 130,000 | 1000,000 | 134,000 | 1375,000 | 0 | 0 | 0 | 0 |
| 54 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 675,000 | 825,000 | 0 | 0 |
| 55 | X1 | 57,200 | 0 | 0 | 0 | 20,000 | 20,000 | 20,000 | 0 | 0 | 0 |
| 56 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 132,000 | 132,000 | 0 |
| 57 | SB | 1,250 | 1,500 | 3,000 | 1300,000 | 14,000 | 2,000 | 96,000 | 0 | 0 | 0 |
| 58 | X1 | 58,300 | 9,000 | 730,000 | 772,000 | 110,000 | 110,000 | 110,000 | 0 | 0 | 0 |
| 59 | X2 | 0 | 0 | 1,000 | 128,200 | 131,500 | 0 | 0 | 0 | 0 | 0 |
| 60 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 132,000 | 132,000 | 0 |
| 61 | GR | 134,000 | 0 | 132,500 | 200,000 | 132,500 | 285,000 | 130,000 | 400,000 | 128,000 | 470,000 |
| 62 | GR | 121,700 | 742,000 | 119,500 | 750,000 | 121,500 | 758,000 | 131,800 | 774,000 | 132,900 | 800,000 |
| 63 | GR | 130,000 | 850,000 | 130,000 | 1000,000 | 134,000 | 1375,000 | 0 | 0 | 0 | 0 |
| 64 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 675,000 | 825,000 | 0 | 0 |
| 65 | X1 | 57,200 | 0 | 0 | 0 | 20,000 | 20,000 | 20,000 | 0 | 0 | 0 |
| 66 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 132,000 | 132,000 | 0 |
| 67 | SB | 1,250 | 1,500 | 3,000 | 1300,000 | 14,000 | 2,000 | 96,000 | 0 | 0 | 0 |
| 68 | X1 | 58,300 | 9,000 | 730,000 | 772,000 | 110,000 | 110,000 | 110,000 | 0 | 0 | 0 |
| 69 | X2 | 0 | 0 | 1,000 | 128,200 | 131,500 | 0 | 0 | 0 | 0 | 0 |
| 70 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 132,000 | 132,000 | 0 |
| 71 | GR | 134,000 | 0 | 132,500 | 200,000 | 132,500 | 285,000 | 130,000 | 400,000 | 128,000 | 470,000 |
| 72 | GR | 121,700 | 742,000 | 119,500 | 750,000 | 121,500 | 758,000 | 131,800 | 774,000 | 132,900 | 800,000 |
| 73 | GR | 130,000 | 850,000 | 130,000 | 1000,000 | 134,000 | 1375,000 | 0 | 0 | 0 | 0 |
| 74 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 675,000 | 825,000 | 0 | 0 |
| 75 | X1 | 58,500 | 0 | 0 | 0 | 20,000 | 20,000 | 20,000 | 0 | 0 | 0 |
| 76 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 132,000 | 132,000 | 0 |

| | | | | | | | | | | | |
|----|----|---------|---------|---------|----------|---------|----------|---------|----------|---------|---------|
| 1 | GR | 119,100 | 542,000 | 117,800 | 550,000 | 119,100 | 558,000 | 123,700 | 568,000 | 125,700 | 560,000 |
| 2 | GR | 128,000 | 664,000 | 130,000 | 680,000 | 132,000 | 768,000 | 0 | 0 | 0 | 0 |
| 3 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 395,000 | 630,000 | 0 | 0 |
| 4 | X1 | 45,200 | 0 | 0 | 0 | 20,000 | 20,000 | 20,000 | 0 | 0 | 0 |
| 5 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 770,000 | 940,000 | 0 | 0 |
| 6 | X1 | 49,500 | 18,000 | 832,000 | 867,000 | 430,000 | 430,000 | 430,000 | 0 | 0 | 0 |
| 7 | GR | 131,200 | 0 | 131,300 | 300,000 | 130,000 | 410,000 | 128,000 | 495,000 | 123,000 | 560,000 |
| 8 | GR | 130,000 | 535,000 | 130,000 | 720,000 | 124,000 | 740,000 | 124,000 | 770,000 | 126,000 | 780,000 |
| 9 | GR | 129,000 | 832,000 | 119,200 | 842,000 | 118,300 | 850,000 | 119,100 | 858,000 | 125,600 | 867,000 |
| 10 | GR | 126,000 | 990,000 | 130,000 | 1035,000 | 132,000 | 1200,000 | 0 | 0 | 0 | 0 |
| 11 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 790,000 | 940,000 | 0 | 0 |
| 12 | X1 | 50,500 | 19,000 | 832,000 | 867,000 | 100,000 | 100,000 | 100,000 | 0 | 0,200 | 0 |
| 13 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 129,500 | 129,500 | 0 |
| 14 | GR | 131,200 | 0 | 131,300 | 300,000 | 130,000 | 410,000 | 128,000 | 495,000 | 123,000 | 560,000 |
| 15 | GR | 130,000 | 635,000 | 130,000 | 720,000 | 124,000 | 740,000 | 124,000 | 770,000 | 126,000 | 780,000 |
| 16 | GR | 129,000 | 832,000 | 119,200 | 842,000 | 118,300 | 850,000 | 119,100 | 858,000 | 125,600 | 867,000 |
| 17 | GR | 130,500 | 930,000 | 130,500 | 1025,000 | 129,000 | 1200,000 | 132,000 | 1500,000 | 0 | 0 |
| 18 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 790,000 | 940,000 | 0 | 0 |
| 19 | SB | 1,250 | 1,500 | 3,000 | 500,000 | 23,000 | 5,000 | 144,000 | 0 | 0 | 0 |
| 20 | X1 | 52,500 | 0 | 0 | 0 | 200,000 | 200,000 | 200,000 | 0 | 0 | 0 |
| 21 | X2 | 0 | 0 | 1,000 | 125,600 | 130,500 | 0 | 0 | 0 | 0 | 0 |
| 22 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 129,500 | 129,500 | 0 |
| 23 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 465,000 | 615,000 | 0 | 0 |
| 24 | X1 | 53,000 | 17,000 | 483,000 | 527,000 | 50,000 | 50,000 | 50,000 | 0 | 0 | 0 |
| 25 | GR | 134,200 | 0 | 132,500 | 200,000 | 132,500 | 285,000 | 130,000 | 400,000 | 128,000 | 470,000 |
| 26 | GR | 129,600 | 483,000 | 119,400 | 494,000 | 117,600 | 500,000 | 119,300 | 506,000 | 132,300 | 527,000 |
| 27 | GR | 130,700 | 535,000 | 130,200 | 550,000 | 130,000 | 575,000 | 127,000 | 610,000 | 130,000 | 627,000 |
| 28 | GR | 130,000 | 860,000 | 132,000 | 942,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 465,000 | 615,000 | 0 | 0 |
| 30 | X1 | 53,500 | 0 | 0,200 | 0 | 50,000 | 50,000 | 50,000 | 0 | 0 | 0 |
| 31 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 675,000 | 825,000 | 0 | 0 |
| 32 | X1 | 57,000 | 13,000 | 728,000 | 774,000 | 350,000 | 350,000 | 350,000 | 0 | 0 | 0 |
| 33 | GR | 134,000 | 0 | 130,000 | 280,000 | 128,000 | 355,000 | 126,000 | 710,000 | 130,900 | 728,000 |
| 34 | GR | 121,700 | 742,000 | 119,500 | 750,000 | 121,500 | 758,000 | 131,800 | 774,000 | 132,900 | 800,000 |
| 35 | GR | 130,000 | 850,000 | 130,000 | 1000,000 | 130,000 | 1375,000 | 0 | 0 | 0 | 0 |
| 36 | ET | 0 | 0 | 0 | 0 | 0 | 7,100 | 675,000 | 825,000 | 0 | 0 |
| 37 | X1 | 57,200 | 0 | 0 | 0 | 20,000 | 20,000 | 20,000 | 0 | 0 | 0 |
| 38 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 132,000 | 132,000 | 0 |
| 39 | SB | 1,250 | 1,500 | 3,000 | 1300,000 | 14,000 | 2,000 | 96,000 | 0 | 0 | 0 |
| 40 | X1 | 58,300 | 9,000 | 730,000 | 772,000 | 110,000 | 110,000 | 110,000 | 0 | 0 | 0 |
| 41 | X2 | 0 | 0 | 1,000 | 128,200 | 131,500 | 0 | 0 | 0 | 0 | 0 |
| 42 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 132,000 | 132,000 | 0 |
| 43 | GR | 134,000 | 0 | 132,000 | 255,000 | 131,300 | 730,000 | 121,400 | 744,000 | 119,800 | 750,000 |
| 44 | GR | 121,400 | 756,000 | 130,800 | 772,000 | 132,200 | 1260,000 | 132,600 | 2000,000 | 0 | 0 |
| 45 | X1 | 58,500 | 0 | 0 | 0 | 20,000 | 20,000 | 20,000 | 0 | 0 | 0 |
| 46 | X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 132,000 | 132,000 | 0 |

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977
 ERROR CORR = 01,02
 MODIFICATION = 50,51,52,53

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

100-YR O MEADOW B
 SUMMARY PRINTOUT

| LINE | SECNO | CWSEL | DJFWSR | DJFWSX | EI,MIN | XLCH |
|------|----------|--------|--------|--------|--------|--------|
| 14 | 8,000 | 125,10 | 0. | 0. | 113,80 | 0. |
| 15 | 8,000 | 126,10 | 1,00 | 0. | 113,80 | 0. |
| 17 | 10,700 | 125,14 | 0. | 0,04 | 114,20 | 270,00 |
| 18 | 10,700 | 126,16 | 1,04 | 0,08 | 114,20 | 270,00 |
| 20 | 13,300 | 125,26 | 0. | 0,12 | 114,40 | 260,00 |
| 21 | 13,300 | 126,32 | 1,06 | 0,14 | 114,40 | 260,00 |
| 23 | 18,300 | 125,71 | 0. | 0,45 | 114,70 | 500,00 |
| 24 | 18,300 | 126,71 | 1,00 | 0,40 | 114,70 | 500,00 |
| 26 | 27,500 | 126,37 | 0. | 0,66 | 115,50 | 920,00 |
| 27 | 27,500 | 127,34 | 0,97 | 0,62 | 115,50 | 920,00 |
| 29 | 30,000 | 126,73 | 0. | 0,36 | 115,50 | 250,00 |
| 30 | 30,000 | 127,74 | 1,01 | 0,40 | 115,50 | 250,00 |
| 32 | 37,000 | 127,44 | 0. | 0,72 | 114,80 | 700,00 |
| 33 | 37,000 | 128,47 | 1,02 | 0,73 | 114,80 | 700,00 |
| 35 | 37,800 | 127,55 | 0. | 0,10 | 114,80 | 80,00 |
| 36 | 37,800 | 128,55 | 1,00 | 0,08 | 114,80 | 80,00 |
| 38 | 38,600 | 127,72 | 0. | 0,17 | 116,40 | 80,00 |
| 39 | 38,600 | 128,66 | 0,95 | 0,11 | 116,40 | 80,00 |
| 41 | 39,500 | 127,89 | 0. | 0,17 | 116,40 | 90,00 |
| 42 | 39,500 | 128,90 | 1,01 | 0,24 | 116,40 | 90,00 |
| 44 | 44,100 | 128,32 | 0. | 0,43 | 115,50 | 460,00 |
| 45 | 44,100 | 129,33 | 1,01 | 0,43 | 115,50 | 460,00 |
| 47 | 44,300 | 128,35 | 0. | 0,03 | 115,50 | 20,00 |
| 48 | 44,300 | 129,35 | 1,00 | 0,02 | 115,50 | 20,00 |
| 50 | * 45,000 | 128,63 | 0. | 0,28 | 117,80 | 70,00 |
| 51 | * 45,000 | 129,49 | 0,86 | 0,14 | 117,80 | 70,00 |

| | SECNO | CWSEL | DIFWSP | DIFWSX | ELMIN | XLCH | |
|----|----------|--------|--------|--------|--------|--------|----|
| 1 | | | | | | | 1 |
| 2 | 45,200 | 128.65 | 0. | 0.03 | 117.80 | 20.00 | 2 |
| 3 | 45,200 | 129.52 | 0.86 | 0.03 | 117.80 | 20.00 | 3 |
| 4 | | | | | | | 4 |
| 5 | 49,500 | 129.22 | 0. | 0.57 | 118.30 | 430.00 | 5 |
| 6 | 49,500 | 130.16 | 0.94 | 0.64 | 118.30 | 430.00 | 6 |
| 7 | | | | | | | 7 |
| 8 | * 50,500 | 129.55 | 0. | 0.33 | 118.50 | 100.00 | 8 |
| 9 | 50,500 | 130.32 | 0.78 | 0.17 | 118.50 | 100.00 | 9 |
| 10 | | | | | | | 10 |
| 11 | * 52,500 | 131.72 | 0. | 2.17 | 118.50 | 200.00 | 11 |
| 12 | * 52,500 | 131.21 | -0.51 | 0.89 | 118.50 | 200.00 | 12 |
| 13 | | | | | | | 13 |
| 14 | 53,000 | 131.60 | 0. | -0.11 | 117.60 | 50.00 | 14 |
| 15 | 53,000 | 131.26 | -0.34 | 0.05 | 117.60 | 50.00 | 15 |
| 16 | | | | | | | 16 |
| 17 | 53,500 | 131.74 | 0. | 0.14 | 117.60 | 50.00 | 17 |
| 18 | 53,500 | 131.72 | -0.02 | 0.45 | 117.60 | 50.00 | 18 |
| 19 | | | | | | | 19 |
| 20 | 57,000 | 132.13 | 0. | 0.39 | 119.50 | 350.00 | 20 |
| 21 | 57,000 | 133.15 | 1.02 | 1.44 | 119.50 | 350.00 | 21 |
| 22 | | | | | | | 22 |
| 23 | 57,200 | 132.14 | 0. | 0.01 | 119.50 | 20.00 | 23 |
| 24 | 57,200 | 133.21 | 1.07 | 0.05 | 119.50 | 20.00 | 24 |
| 25 | | | | | | | 25 |
| 26 | * 58,300 | 132.41 | 0. | 0.28 | 119.80 | 110.00 | 26 |
| 27 | * 58,300 | 133.52 | 1.11 | 0.32 | 119.80 | 110.00 | 27 |
| 28 | | | | | | | 28 |
| 29 | 58,500 | 132.80 | 0. | 0.30 | 119.80 | 20.00 | 29 |
| 30 | 58,500 | 133.54 | 0.73 | 0.01 | 119.80 | 20.00 | 30 |
| 31 | | | | | | | 31 |
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100-YR 0 MEADOW H
SUMMARY PRINTOUT

| 1 | | | | | | | 1 | |
|----|--------|--------|--------|--------|---------|---------|---------|----|
| 2 | | | | | | | 2 | |
| 3 | SECNO | STCHL | STCHR | SSTA | ENDST | TOPWID | 3 | |
| 4 | 8,000 | 731.00 | 765.00 | 232.00 | 1473.00 | 1241.00 | 4 | |
| 5 | 8,000 | 731.00 | 765.00 | 650.00 | 1060.00 | 410.00 | 5 | |
| 6 | | | | | | | 6 | |
| 7 | 10,700 | 630.00 | 665.00 | 104.34 | 1289.59 | 1185.25 | 7 | |
| 8 | 10,700 | 630.00 | 665.00 | 600.00 | 950.00 | 350.00 | 8 | |
| 9 | | | | | | | 9 | |
| 10 | 13,300 | 530.00 | 565.00 | 31.60 | 992.98 | 961.37 | 10 | |
| 11 | 13,300 | 530.00 | 565.00 | 480.00 | 830.00 | 350.00 | 11 | |
| 12 | | | | | | | 12 | |
| 13 | 18,300 | 730.00 | 765.00 | 472.97 | 1181.10 | 708.13 | 13 | |
| 14 | 18,300 | 730.00 | 765.00 | 600.00 | 950.00 | 350.00 | 14 | |
| 15 | | | | | | | 15 | |
| 16 | 27,500 | 526.00 | 568.00 | 175.42 | 884.12 | 706.70 | 16 | |
| 17 | 27,500 | 526.00 | 568.00 | 377.46 | 656.18 | 278.72 | 17 | |
| 18 | | | | | | | 18 | |
| 19 | 30,000 | 526.00 | 568.00 | 161.69 | 888.20 | 726.51 | 19 | |
| 20 | 30,000 | 526.00 | 568.00 | 380.00 | 655.00 | 275.00 | 20 | |
| 21 | | | | | | | 21 | |
| 22 | 37,000 | 780.00 | 823.00 | 274.02 | 1010.27 | 736.25 | 22 | |
| 23 | 37,000 | 780.00 | 823.00 | 600.00 | 890.00 | 290.00 | 23 | |
| 24 | | | | | | | 24 | |
| 25 | 37,800 | 780.00 | 823.00 | 263.79 | 1016.19 | 752.39 | 25 | |
| 26 | 37,800 | 780.00 | 823.00 | 600.00 | 890.00 | 290.00 | 26 | |
| 27 | | | | | | | 27 | |
| 28 | 38,600 | 735.00 | 764.00 | 205.71 | 893.51 | 687.80 | 28 | |
| 29 | 38,600 | 735.00 | 764.00 | 560.00 | 805.00 | 245.00 | 29 | |
| 30 | | | | | | | 30 | |
| 31 | 39,500 | 735.00 | 764.00 | 190.01 | 897.47 | 707.46 | 31 | |
| 32 | 39,500 | 735.00 | 764.00 | 560.00 | 805.00 | 245.00 | 32 | |
| 33 | | | | | | | 33 | |
| 34 | 44,100 | 534.00 | 564.00 | 160.72 | 706.43 | 545.70 | 34 | |
| 35 | 44,100 | 534.00 | 564.00 | 370.00 | 630.00 | 260.00 | 35 | |
| 36 | | | | | | | 36 | |
| 37 | 44,300 | 534.00 | 564.00 | 159.43 | 706.86 | 547.43 | 37 | |
| 38 | 44,300 | 534.00 | 564.00 | 370.00 | 630.00 | 260.00 | 38 | |
| 39 | | | | | | | 39 | |
| 40 | * | 45,000 | 533.00 | 568.00 | 197.80 | 669.01 | 471.21 | 40 |
| 41 | * | 45,000 | 533.00 | 568.00 | 395.00 | 630.00 | 235.00 | 41 |
| 42 | | | | | | | 42 | |
| 43 | 45,200 | 533.00 | 568.00 | 195.78 | 669.21 | 473.43 | 43 | |
| 44 | 45,200 | 533.00 | 568.00 | 395.00 | 630.00 | 235.00 | 44 | |
| 45 | | | | | | | 45 | |
| 46 | 49,500 | 832.00 | 867.00 | 443.16 | 1017.44 | 478.52 | 46 | |
| 47 | 49,500 | 832.00 | 867.00 | 790.00 | 940.00 | 150.00 | 47 | |
| 48 | | | | | | | 48 | |
| 49 | * | 50,500 | 832.00 | 867.00 | 437.78 | 1234.64 | 458.26 | 49 |
| 50 | 50,500 | 832.00 | 867.00 | 790.00 | 925.17 | 135.17 | 50 | |
| 51 | | | | | | | 51 | |
| 52 | * | 52,500 | 832.00 | 867.00 | 0. | 1451.55 | 1451.55 | 52 |
| 53 | * | 52,500 | 832.00 | 867.00 | 790.00 | 940.00 | 150.00 | 53 |
| 54 | | | | | | | 54 | |
| 55 | 53,000 | 483.00 | 527.00 | 326.13 | 925.84 | 595.11 | 55 | |
| 56 | 53,000 | 483.00 | 527.00 | 465.00 | 615.00 | 143.15 | 56 | |
| 57 | | | | | | | 57 | |

| | SECNO | STCHL | STCHR | SSTA | ENDST | TOPWID | |
|----|----------|--------|--------|--------|---------|---------|----|
| 1 | | | | | | | 1 |
| 2 | 53,500 | 483,00 | 527,00 | 319,95 | 931,35 | 607,71 | 2 |
| 3 | 53,500 | 483,00 | 527,00 | 465,00 | 615,00 | 146,16 | 3 |
| 4 | | | | | | | 4 |
| 5 | 57,000 | 728,00 | 774,00 | 130,73 | 1109,92 | 1037,82 | 5 |
| 6 | 57,000 | 728,00 | 774,00 | 675,00 | 825,00 | 150,00 | 6 |
| 7 | | | | | | | 7 |
| 8 | 57,200 | 728,00 | 774,00 | 129,69 | 1201,31 | 1040,85 | 8 |
| 9 | 57,200 | 728,00 | 774,00 | 675,00 | 825,00 | 150,00 | 9 |
| 10 | | | | | | | 10 |
| 11 | * 58,300 | 730,00 | 772,00 | 200,53 | 1657,33 | 1456,80 | 11 |
| 12 | * 58,300 | 730,00 | 772,00 | 59,81 | 2000,00 | 1940,19 | 12 |
| 13 | | | | | | | 13 |
| 14 | 58,500 | 730,00 | 772,00 | 150,41 | 2000,00 | 1849,59 | 14 |
| 15 | 58,500 | 730,00 | 772,00 | 57,68 | 2000,00 | 1942,32 | 15 |
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MEADOW BRANCH

FLOODWAY

FIA

SNUMB = 3273T, ACTIVITY # = 01, REPORT CODE = 52, RECORD COUNT = 000284

T1 LUMBERTON N.C. MEADOW BRANCH
 T2 FLOOD INSURANCE STUDY
 T3 100-YR 0 MEADOW BRANCH

TARGET = 0.9

J1 ICHECK IND NINV IDIR STRT METRIC HVINS Q WSEI FO
 0. 4. 0. 0. 0. 0. 0. 0. 124,410 0.

J2 NPROF IPLOT PREYS XSECV XSECH FN ALLDC IBW CHNIM ITRACE
 1,000 0. -1,000 5,000 500,000 0. 0. 0. 0. 0.

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

38,000 1,000 50,000 42,000 33,000 58,000 39,000 0. 38,000 1,000

50,000 51,000 40,000 41,000 25,000 0. 38,000 1,000 43,000 13,000

55,000 14,000 26,000 15,000 56,000 8,000 0. 38,000 1,000 50,000

7,000 16,000 17,000 18,000 4,000 53,000 54,000 34,000 0. 0.

J5 LPRNT NUMSEC *****REQUESTED SECTION NUMBERS*****

-10,000 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.

NC 0,060 0,060 0,050 0,100 0,300 0. 0. 0. 0. 0.

QT 5,000 2460,000 3360,000 3750,000 5760,000 3750,000 0. 0. 0. 0.

ET 0. 0. 0. 0. 0. 9,400 0. 0. 0. 0.

X1 380,000 17,000 716,000 765,000 0. 0. 0. 0. 0. 0.

GR 130,000 0. 128,000 120,000 126,000 260,000 124,000 450,000 122,000 560,000

GR 120,000 677,000 119,100 700,000 120,000 712,000 124,400 716,000 121,600 719,000

GR 120,000 731,000 114,500 741,000 113,800 750,000 114,900 759,000 120,700 765,000

GR 118,300 800,000 120,000 950,000 0. 0. 0. 0. 0. 0.

X1 400,000 0. 0. 0. 20,000 20,000 20,000 0. 0. 0.

X3 10,000 0. 0. 0. 0. 0. 0. 125,000 125,000 0.

SB 1,250 1,500 3,000 500,000 50,000 6,000 160,000 0. 113,590 113,050

X1 700,000 14,000 685,000 722,000 300,000 300,000 300,000 0. 0. 0.

X2 0. 0. 1,000 121,600 124,700 0. 0. 0. 0. 0.

X3 10,000 0. 0. 0. 0. 0. 0. 125,000 125,000 0.

GR 131,000 0. 124,000 90,000 124,000 260,000 120,000 400,000 119,500 650,000

GR 118,600 685,000 114,600 686,000 114,000 700,000 114,700 712,000 122,200 722,000

GR 119,400 850,000 120,000 980,000 122,000 1230,000 125,000 1500,000 128,000 1600,000

X1 750,000 0. 0. 0. 50,000 50,000 50,000 0. 0. 0.

X1 800,000 0. 0. 0. 50,000 50,000 50,000 0. 0. 0.

X1 1500,000 0. 0. 0. 700,000 700,000 700,000 0. 0.500 0.

| | | | | | | | | | | |
|----|----------|----|-------|---------|---------|---------|---------|---------|---------|----|
| X1 | 5250,000 | 0. | 0. | 0. | 200,000 | 200,000 | 200,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 125,600 | 130,500 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 129,500 | 129,500 | 0. |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 5300,000 | 17,000 | 483,000 | 527,000 | 50,000 | 50,000 | 50,000 | 0. | 0. | 0. |
| GR | 134,200 | 0. | 132,500 | 200,000 | 132,500 | 285,000 | 130,000 | 400,000 | 128,000 | 470,000 |
| GR | 129,600 | 483,000 | 119,400 | 494,000 | 117,600 | 500,000 | 119,300 | 506,000 | 132,300 | 527,000 |
| GR | 130,700 | 535,000 | 130,200 | 550,000 | 130,000 | 575,000 | 127,000 | 610,000 | 130,000 | 627,000 |
| GR | 130,000 | 860,000 | 132,000 | 942,000 | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | |
|----|----------|----|----|----|--------|--------|--------|----|----|----|
| X1 | 5350,000 | 0. | 0. | 0. | 50,000 | 50,000 | 50,000 | 0. | 0. | 0. |
|----|----------|----|----|----|--------|--------|--------|----|----|----|

| | | | | | | | | | | |
|----|----------|---------|---------|----------|---------|----------|---------|---------|---------|---------|
| X1 | 5700,000 | 13,000 | 728,000 | 774,000 | 350,000 | 350,000 | 350,000 | 0. | 0. | 0. |
| GR | 134,000 | 0. | 130,000 | 280,000 | 128,000 | 355,000 | 126,000 | 710,000 | 130,900 | 728,000 |
| GR | 121,700 | 742,000 | 119,500 | 750,000 | 121,500 | 758,000 | 131,800 | 774,000 | 132,900 | 800,000 |
| GR | 130,000 | 850,000 | 130,000 | 1000,000 | 134,000 | 1375,000 | 0. | 0. | 0. | 0. |

| | | | | | | | | | | |
|----|----------|-------|-------|----------|--------|--------|--------|---------|---------|----|
| X1 | 5720,000 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 132,000 | 132,000 | 0. |
| SR | 1,250 | 1,500 | 3,000 | 1300,000 | 14,000 | 2,000 | 96,000 | 0. | 0. | 0. |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|----------|---------|----------|---------|---------|
| X1 | 5830,000 | 9,000 | 730,000 | 772,000 | 110,000 | 110,000 | 110,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 128,200 | 131,500 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 132,000 | 132,000 | 0. |
| GR | 134,000 | 0. | 132,000 | 253,000 | 131,300 | 730,000 | 121,400 | 744,000 | 119,800 | 750,000 |
| GR | 121,400 | 756,000 | 130,800 | 772,000 | 132,200 | 1260,000 | 132,600 | 2000,000 | 0. | 0. |

| | | | | | | | | | | |
|----|----------|----|----|----|--------|--------|--------|---------|---------|----|
| X1 | 5850,000 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 132,000 | 132,000 | 0. |

| | | | | | | | | | | |
|----|----------|----------|---------|----------|---------|---------|---------|---------|---------|---------|
| X1 | 6400,000 | 12,000 | 732,000 | 765,000 | 550,000 | 550,000 | 550,000 | 0. | 0. | 0. |
| GR | 135,400 | 30,000 | 134,000 | 238,000 | 132,000 | 525,000 | 130,000 | 580,000 | 128,000 | 690,000 |
| GR | 130,200 | 732,000 | 121,600 | 744,000 | 120,300 | 750,000 | 121,500 | 756,000 | 127,500 | 765,000 |
| GR | 130,000 | 1095,000 | 132,400 | 1230,000 | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | | |
|----|----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 6900,000 | 17,000 | 973,000 | 1028,000 | 500,000 | 500,000 | 500,000 | 0. | 0. | 0. |
| GR | 134,200 | 0. | 132,000 | 210,000 | 132,000 | 810,000 | 130,000 | 610,000 | 126,000 | 850,000 |
| GR | 127,600 | 900,000 | 127,600 | 938,000 | 130,500 | 973,000 | 122,200 | 984,000 | 120,400 | 1000,000 |
| GR | 122,000 | 1016,000 | 129,400 | 1028,000 | 130,200 | 1100,000 | 130,000 | 1560,000 | 132,000 | 1700,000 |
| GR | 132,400 | 1850,000 | 134,300 | 2100,000 | 0. | 0. | 0. | 0. | 0. | 0. |

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|----|----------|-------|-------|---------|--------|--------|--------|---------|---------|----|
| X1 | 6910,000 | 0. | 0. | 0. | 10,000 | 10,000 | 10,000 | 0. | 0. | 0. |
| X3 | 0,100 | 0. | 0. | 0. | 0. | 0. | 0. | 131,000 | 131,000 | 0. |
| SR | 1,250 | 1,500 | 3,000 | 800,000 | 22,800 | 11,000 | 59,000 | 0. | 0. | 0. |

| | | | | | | | | | | |
|----|----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 6970,000 | 17,000 | 1175,000 | 1219,000 | 60,000 | 60,000 | 60,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 125,000 | 130,500 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 131,000 | 131,000 | 0. |
| GR | 135,000 | 0. | 134,000 | 385,000 | 130,000 | 500,000 | 130,000 | 670,000 | 128,000 | 870,000 |
| GR | 126,000 | 1040,000 | 127,700 | 1135,000 | 129,100 | 1150,000 | 133,000 | 1175,000 | 122,400 | 1188,000 |
| GR | 121,400 | 1200,000 | 122,300 | 1212,000 | 127,400 | 1219,000 | 128,600 | 1300,000 | 130,000 | 1635,000 |
| GR | 130,500 | 1970,000 | 132,700 | 2170,000 | 0. | 0. | 0. | 0. | 0. | 0. |

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|----|----------|----|----|----|--------|--------|--------|----|----|----|
| X1 | 6980,000 | 0. | 0. | 0. | 10,000 | 10,000 | 10,000 | 0. | 0. | 0. |
|----|----------|----|----|----|--------|--------|--------|----|----|----|

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|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|----------|
| X1 | 6250,000 | 22,000 | 753,000 | 775,000 | 1270,000 | 1270,000 | 1270,000 | 1270,000 | 0. | 0. | 0. |
| GR | 136,000 | 0. | 134,000 | 280,000 | 132,000 | 460,000 | 130,000 | 570,000 | 128,000 | 625,000 | 0. |
| GR | 132,300 | 733,000 | 123,000 | 745,000 | 121,000 | 750,000 | 123,000 | 755,000 | 131,100 | 748,000 | 1950,000 |
| GR | 134,500 | 775,000 | 131,100 | 788,000 | 131,300 | 134,800 | 134,800 | 1530,000 | 800,000 | 134,300 | 1020,000 |
| GR | 132,000 | 1100,000 | 132,000 | 1490,000 | 132,000 | 1490,000 | 134,800 | 1530,000 | 800,000 | 134,300 | 1950,000 |
| GR | 130,700 | 2600,000 | 133,700 | 2900,000 | 134,800 | 134,800 | 134,800 | 1530,000 | 800,000 | 134,300 | 1020,000 |
| NC | 0.050 | 0.050 | 0.050 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| X1 | 9000,000 | 0. | 0. | 750,000 | 750,000 | 750,000 | 750,000 | 750,000 | 0.900 | 1,500 | 0. |
| X1 | 9400,000 | 12,000 | 177,000 | 223,000 | 400,000 | 400,000 | 400,000 | 400,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| SR | 1,250 | 1,500 | 3,000 | 1000,000 | 13,000 | 1,000 | 1,000 | 120,000 | 0. | 136,000 | 0. |
| X1 | 9420,000 | 0. | 0. | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| SR | 1,250 | 1,500 | 3,000 | 1000,000 | 13,000 | 1,000 | 1,000 | 120,000 | 0. | 136,000 | 0. |
| X1 | 9610,000 | 13,000 | 860,000 | 900,000 | 190,000 | 190,000 | 190,000 | 190,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 134,000 | 135,600 | 0. | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| GR | 136,600 | 0. | 136,000 | 20,000 | 135,000 | 370,000 | 134,100 | 136,500 | 136,600 | 135,200 | 893,000 |
| GR | 123,800 | 900,000 | 135,000 | 907,000 | 135,000 | 940,000 | 136,500 | 1000,000 | 136,200 | 1020,000 | 0. |
| GR | 136,700 | 1250,000 | 137,000 | 1380,000 | 138,000 | 1750,000 | 136,500 | 0. | 0. | 0. | 0. |
| X1 | 9630,000 | 0. | 0. | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| X1 | 9650,000 | 0. | 0. | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| SR | 1,250 | 1,500 | 3,000 | 750,000 | 15,000 | 1,000 | 1,000 | 120,000 | 0. | 135,600 | 0. |
| X1 | 9650,000 | 0. | 0. | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 134,000 | 135,600 | 0. | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| GR | 137,000 | 0. | 136,600 | 100,000 | 134,000 | 290,000 | 138,500 | 590,000 | 132,000 | 615,000 | 0. |
| GR | 132,000 | 470,000 | 135,000 | 700,000 | 135,500 | 725,000 | 126,000 | 744,000 | 125,000 | 750,000 | 0. |
| GR | 126,200 | 756,000 | 131,500 | 775,000 | 131,400 | 800,000 | 132,000 | 820,000 | 134,000 | 845,000 | 0. |
| GR | 136,000 | 1045,000 | 134,000 | 1185,000 | 131,400 | 1160,000 | 132,000 | 1200,000 | 138,200 | 1470,000 | 0. |
| X1 | 9950,000 | 0. | 0. | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| X1 | 10445,000 | 20,000 | 805,000 | 870,000 | 495,000 | 495,000 | 495,000 | 495,000 | 0. | 0. | 0. |
| GR | 135,600 | 0. | 136,000 | 145,000 | 134,000 | 320,000 | 138,800 | 350,000 | 134,000 | 390,000 | 0. |
| GR | 134,000 | 590,000 | 132,900 | 700,000 | 131,700 | 744,000 | 129,000 | 746,000 | 128,100 | 750,000 | 0. |
| GR | 129,100 | 754,000 | 131,600 | 742,000 | 132,900 | 800,000 | 135,200 | 845,000 | 131,400 | 845,000 | 0. |
| GR | 132,000 | 900,000 | 134,000 | 970,000 | 136,000 | 1160,000 | 136,200 | 1200,000 | 138,200 | 1470,000 | 0. |
| X1 | 10945,000 | 19,000 | 1685,000 | 1775,000 | 500,000 | 500,000 | 500,000 | 500,000 | 0. | 0. | 0. |
| GR | 137,400 | 0. | 136,700 | 600,000 | 136,600 | 650,000 | 134,600 | 693,000 | 131,400 | 697,000 | 0. |
| GR | 131,000 | 703,000 | 132,500 | 740,000 | 135,000 | 750,000 | 135,900 | 800,000 | 138,000 | 845,000 | 0. |

| | | | | | | | | | | |
|----|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| GR | 136,000 | 940,000 | 138,000 | 1055,000 | 135,200 | 1230,000 | 134,200 | 1590,000 | 134,000 | 1685,000 |
| GR | 134,000 | 1775,000 | 134,300 | 1870,000 | 136,000 | 1930,000 | 138,200 | 1970,000 | 0. | 0. |
| EJ | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | |
|--|---------|-------|-------|--------|--------|--------|--------|--------|----|
| | 2355.00 | -0.30 | -0.30 | 124.70 | 124.40 | 889.91 | 127.56 | 127.56 | 0. |
| | 4140.00 | -0.30 | -0.30 | 124.70 | 124.40 | 891.70 | 127.63 | 127.63 | 0. |
| | 4140.00 | -0.30 | -0.30 | 124.70 | 124.40 | 893.64 | 127.72 | 127.72 | 0. |

T1 LUMBERTON N C MEADOW BRANCH
T2 FLOOD INSURANCE STUDY
T3 FLOODWAY MEADOW BRANCH TARGET=1.0'

| | | | | | | | | | | |
|----|--------|-----|------|------|------|--------|-------|----|---------|----|
| J1 | ICHECK | IND | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ |
| | 0. | 6. | 0. | 0. | 0. | 0. | 0. | 0. | 125,410 | 0. |

| | | | | | | | | | | |
|----|--------|--------|--------|-------|-------|----|-------|-----|-------|--------|
| J2 | NPROF | IPILOT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 15,000 | 0. | -1,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | |
|--|---------|-------|-------|--------|--------|--------|--------|--------|----|
| | 2355.00 | -0.30 | -0.30 | 124.70 | 124.40 | 934.17 | 128.62 | 128.62 | 0. |
|--|---------|-------|-------|--------|--------|--------|--------|--------|----|

UNITED STATES

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR = 01
 MODIFICATION = 50,51,52

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

100-YR Q MEADOW B
 SUMMARY PRINTOUT

| SECNO | CWSEL | DIFWSP | ELMIN | K*CHSL | KRATIO | XLCH |
|------------|--------|--------|--------|--------|--------|---------|
| 380,000 | 124.41 | 0. | 113.80 | 0. | 0. | 0. |
| 380,000 | 125.41 | 1.00 | 113.80 | 0. | 0. | 0. |
| * 400,000 | 123.03 | 0. | 113.80 | 0. | 0.17 | 20.00 |
| 400,000 | 124.05 | 1.02 | 113.80 | 0. | 0.21 | 20.00 |
| 700,000 | 125.91 | 0. | 114.00 | 0.67 | 19.24 | 300.00 |
| 700,000 | 126.93 | 1.02 | 114.00 | 0.67 | 15.97 | 300.00 |
| 750,000 | 125.91 | 0. | 114.00 | 0. | 1.00 | 50.00 |
| 750,000 | 126.93 | 1.02 | 114.00 | 0. | 1.00 | 50.00 |
| 800,000 | 125.92 | 0. | 114.00 | 0. | 1.00 | 50.00 |
| 800,000 | 126.93 | 1.02 | 114.00 | 0. | 1.00 | 50.00 |
| 1500,000 | 125.98 | 0. | 114.50 | 0.71 | 0.86 | 700.00 |
| 1500,000 | 126.98 | 1.02 | 114.50 | 0.71 | 0.85 | 700.00 |
| 2200,000 | 126.03 | 0. | 115.00 | 0.71 | 0.85 | 700.00 |
| 2200,000 | 127.04 | 1.01 | 115.00 | 0.71 | 0.85 | 700.00 |
| 2750,000 | 126.10 | 0. | 115.50 | 0.91 | 0.25 | 550.00 |
| 2750,000 | 127.06 | 0.96 | 115.50 | 0.91 | 0.25 | 550.00 |
| 3780,000 | 127.56 | 0. | 114.80 | -0.68 | 1.28 | 1030.00 |
| 3780,000 | 128.50 | 0.95 | 114.80 | -0.68 | 1.26 | 1030.00 |
| 3860,000 | 127.72 | 0. | 116.40 | 20.00 | 0.52 | 80.00 |
| 3860,000 | 128.67 | 0.95 | 116.40 | 20.00 | 0.71 | 80.00 |
| 4410,000 | 128.60 | 0. | 115.50 | -1.64 | 1.94 | 550.00 |
| 4410,000 | 129.65 | 0.96 | 115.50 | -1.64 | 1.37 | 550.00 |
| 4430,000 | 128.71 | 0. | 115.50 | 0. | 1.01 | 20.00 |
| 4430,000 | 129.67 | 0.96 | 115.50 | 0. | 1.01 | 20.00 |
| * 4500,000 | 128.97 | 0. | 117.80 | 32.86 | 0.99 | 70.00 |
| * 4500,000 | 129.93 | 0.96 | 117.80 | 32.86 | 1.02 | 70.00 |

| SECNO | CWSEL | DIFWSP | ELMIN | K*CHSL | KRATIO | XLCH |
|------------|--------|--------|--------|--------|--------|---------|
| 4520.000 | 128.99 | 0. | 117.80 | 0. | 1.01 | 20.00 |
| 4520.000 | 129.94 | 0.96 | 117.80 | 0. | 1.01 | 20.00 |
| 4950.000 | 129.43 | 0. | 118.30 | 1.16 | 0.85 | 430.00 |
| 4950.000 | 130.38 | 0.95 | 118.30 | 1.16 | 0.84 | 430.00 |
| 5050.000 | 129.50 | 0. | 118.50 | 2.00 | 0.85 | 100.00 |
| 5050.000 | 130.50 | 0.96 | 118.50 | 2.00 | 0.83 | 100.00 |
| * 5250.000 | 131.72 | 0. | 118.50 | 0. | 2.46 | 200.00 |
| * 5250.000 | 132.67 | 0.96 | 118.50 | 0. | 2.50 | 200.00 |
| 5300.000 | 131.60 | 0. | 117.60 | -18.00 | 0.37 | 50.00 |
| 5300.000 | 132.52 | 0.92 | 117.60 | -18.00 | 0.36 | 50.00 |
| 5350.000 | 131.74 | 0. | 117.60 | 0. | 1.07 | 50.00 |
| 5350.000 | 132.66 | 0.92 | 117.60 | 0. | 1.07 | 50.00 |
| 5700.000 | 132.13 | 0. | 119.50 | 5.43 | 2.66 | 350.00 |
| 5700.000 | 133.11 | 0.97 | 119.50 | 5.43 | 2.68 | 350.00 |
| 5720.000 | 132.10 | 0. | 119.50 | 0. | 1.01 | 20.00 |
| 5720.000 | 133.11 | 0.97 | 119.50 | 0. | 1.01 | 20.00 |
| * 5830.000 | 132.41 | 0. | 119.80 | 2.73 | 0.05 | 110.00 |
| * 5830.000 | 133.39 | 0.97 | 119.80 | 2.73 | 0.25 | 110.00 |
| 5850.000 | 132.80 | 0. | 119.80 | 0. | 1.44 | 20.00 |
| 5850.000 | 133.90 | 1.10 | 119.80 | 0. | 1.55 | 20.00 |
| 6400.000 | 133.33 | 0. | 120.30 | 0.91 | 2.66 | 550.00 |
| 6400.000 | 134.40 | 1.11 | 120.30 | 0.91 | 2.61 | 550.00 |
| 6900.000 | 133.42 | 0. | 120.40 | 0.20 | 1.87 | 500.00 |
| 6900.000 | 134.53 | 1.11 | 120.40 | 0.20 | 1.87 | 500.00 |
| 6910.000 | 133.42 | 0. | 120.40 | 0. | 1.00 | 10.00 |
| 6910.000 | 134.53 | 1.11 | 120.40 | 0. | 1.00 | 10.00 |
| * 6970.000 | 133.52 | 0. | 121.40 | 16.67 | 1.34 | 60.00 |
| * 6970.000 | 134.63 | 1.11 | 121.40 | 16.67 | 1.34 | 60.00 |
| 6980.000 | 133.52 | 0. | 121.40 | 0. | 1.00 | 10.00 |
| 6980.000 | 134.63 | 1.11 | 121.40 | 0. | 1.00 | 10.00 |
| 8250.000 | 133.62 | 0. | 121.00 | -0.31 | 0.49 | 1270.00 |
| 8250.000 | 134.72 | 1.09 | 121.00 | -0.31 | 0.51 | 1270.00 |
| 9000.000 | 133.88 | 0. | 122.50 | 2.00 | 0.42 | 750.00 |
| 9000.000 | 134.92 | 1.00 | 122.50 | 2.00 | 0.42 | 750.00 |
| 9400.000 | 133.45 | 0. | 123.70 | 3.00 | 0.27 | 400.00 |
| 9400.000 | 134.71 | 1.26 | 123.70 | 3.00 | 0.32 | 400.00 |
| 9420.000 | 134.10 | 0. | 123.70 | 0. | 1.13 | 20.00 |
| 9420.000 | 135.00 | 0.90 | 123.70 | 0. | 1.05 | 20.00 |

| SECNO | CWSEL | DIFWSP | ELMIN | K*CHSL | KRATD | XLCH |
|------------|--------|--------|--------|--------|-------|--------|
| 9610.000 | 135.84 | 0. | 123.80 | 0.53 | 1.81 | 190.00 |
| * 9610.000 | 136.74 | 0.90 | 123.80 | 0.53 | 1.82 | 190.00 |
| 9630.000 | 135.91 | 0. | 123.80 | 0. | 1.01 | 20.00 |
| 9630.000 | 136.80 | 0.88 | 123.80 | 0. | 1.01 | 20.00 |
| 9650.000 | 136.01 | 0. | 123.80 | 0. | 1.03 | 20.00 |
| 9650.000 | 136.85 | 0.85 | 123.80 | 0. | 1.01 | 20.00 |
| * 9930.000 | 136.91 | 0. | 125.00 | 4.29 | 1.51 | 280.00 |
| * 9930.000 | 137.76 | 0.85 | 125.00 | 4.29 | 1.22 | 280.00 |
| 9950.000 | 136.92 | 0. | 125.00 | 0. | 1.00 | 20.00 |
| 9950.000 | 137.77 | 0.85 | 125.00 | 0. | 1.00 | 20.00 |
| 10445.000 | 137.07 | 0. | 128.10 | 6.26 | 2.27 | 495.00 |
| 10445.000 | 137.94 | 0.87 | 128.10 | 6.26 | 2.37 | 495.00 |
| 10945.000 | 137.14 | 0. | 131.00 | 5.80 | 0.69 | 500.00 |
| 10945.000 | 138.01 | 0.87 | 131.00 | 5.80 | 0.69 | 500.00 |

100-YR 0 MEADOW R
SUMMARY PRINTOUT

| SECNO | CWSEL | DIFWSP | DIFWSX | ELTRD | ELLC | AREA |
|------------|--------|--------|--------|-----------|--------|---------|
| 380.000 | 124.41 | 0. | 0. | 0. | 0. | 2043.54 |
| 380.000 | 125.41 | 1.00 | 0. | 0. | 0. | 1741.22 |
| * 400.000 | 123.03 | 0. | -1.38 | 0. | 0. | 274.98 |
| 400.000 | 124.05 | 1.02 | -1.36 | 0. | 0. | 324.39 |
| 700.000 | 125.91 | 0. | 2.88 | 124.70 | 121.60 | 6386.24 |
| 700.000 | 126.93 | 1.02 | 2.88 | 999999.00 | 0. | 5326.08 |
| 750.000 | 125.91 | 0. | 0.00 | 0. | 0. | 6400.13 |
| 750.000 | 126.93 | 1.02 | 0.00 | 0. | 0. | 5342.35 |
| 800.000 | 125.92 | 0. | 0.00 | 0. | 0. | 6404.37 |
| 800.000 | 126.93 | 1.02 | 0.00 | 0. | 0. | 5346.08 |
| 1500.000 | 125.96 | 0. | 0.05 | 0. | 0. | 5749.99 |
| 1500.000 | 126.98 | 1.02 | 0.05 | 0. | 0. | 4738.91 |
| 2200.000 | 126.03 | 0. | 0.07 | 0. | 0. | 5129.31 |
| 2200.000 | 127.04 | 1.01 | 0.06 | 0. | 0. | 4186.42 |
| 2750.000 | 126.10 | 0. | 0.07 | 0. | 0. | 1500.60 |
| 2750.000 | 127.06 | 0.96 | 0.02 | 0. | 0. | 1208.00 |
| 3780.000 | 127.56 | 0. | 1.46 | 0. | 0. | 1861.73 |
| 3780.000 | 128.50 | 0.95 | 1.44 | 0. | 0. | 1437.81 |
| 3860.000 | 127.72 | 0. | 0.17 | 124.40 | 124.70 | 1788.00 |
| 3860.000 | 128.67 | 0.95 | 0.17 | 999999.00 | 0. | 947.49 |
| 4410.000 | 128.69 | 0. | 0.97 | 0. | 0. | 1730.38 |
| 4410.000 | 129.65 | 0.96 | 0.98 | 0. | 0. | 1315.84 |
| 4430.000 | 128.71 | 0. | 0.02 | 0. | 0. | 1746.05 |
| 4430.000 | 129.67 | 0.96 | 0.02 | 0. | 0. | 1328.91 |
| * 4500.000 | 128.97 | 0. | 0.25 | 124.70 | 122.80 | 1657.61 |
| * 4500.000 | 129.93 | 0.96 | 0.25 | 999999.00 | 0. | 1349.48 |
| 4520.000 | 128.99 | 0. | 0.02 | 0. | 0. | 1666.83 |
| 4520.000 | 129.94 | 0.96 | 0.02 | 0. | 0. | 1355.72 |
| 4950.000 | 129.42 | 0. | 0.45 | 0. | 0. | 1513.77 |
| 4950.000 | 130.38 | 0.95 | 0.44 | 0. | 0. | 1272.10 |
| 5050.000 | 129.54 | 0. | 0.11 | 0. | 0. | 1239.03 |
| 5050.000 | 130.50 | 0.96 | 0.12 | 0. | 0. | 1078.17 |
| * 5250.000 | 131.72 | 0. | 2.17 | 130.50 | 125.60 | 3175.25 |
| * 5250.000 | 132.67 | 0.96 | 2.17 | 999999.00 | 0. | 2398.78 |
| 5300.000 | 131.60 | 0. | -0.11 | 0. | 0. | 1281.50 |
| 5300.000 | 132.52 | 0.92 | -0.15 | 0. | 0. | 976.84 |

| SECD | CWSEL | DIFWSP | DIFMSX | EL19D | ELLC | AREA |
|----------|--------|--------|--------|-------|--------|---------|
| 5350.000 | 131.70 | 0. | 0.10 | 0. | 0. | 1362.40 |
| 5350.000 | 132.66 | 0.92 | 0.10 | 0. | 0. | 1047.33 |
| 5700.000 | 132.13 | 0. | 0.39 | 0. | 0. | 3210.40 |
| 5700.000 | 133.11 | 0.97 | 0.44 | 0. | 0. | 2472.43 |
| 5720.000 | 132.14 | 0. | 0.01 | 0. | 0. | 3225.76 |
| 5720.000 | 133.11 | 0.97 | 0.01 | 0. | 0. | 2486.73 |
| 5830.000 | 132.41 | 0. | 0.28 | 0.28 | 128.20 | 1192.20 |
| 5830.000 | 133.39 | 0.97 | 0.28 | 0.28 | 0. | 639.45 |
| 5850.000 | 132.80 | 0. | 0.39 | 0. | 0. | 1883.94 |
| 5850.000 | 133.90 | 1.10 | 0.51 | 0. | 0. | 1141.54 |
| 6400.000 | 133.33 | 0. | 0.52 | 0. | 0. | 3025.56 |
| 6400.000 | 134.40 | 1.11 | 0.53 | 0. | 0. | 2495.49 |
| 6900.000 | 133.42 | 0. | 0.09 | 0. | 0. | 5806.05 |
| 6900.000 | 134.53 | 1.11 | 0.49 | 0. | 0. | 4641.09 |
| 6910.000 | 133.42 | 0. | 0.00 | 0. | 0. | 5811.04 |
| 6910.000 | 134.53 | 1.11 | 0.00 | 0. | 0. | 4652.03 |
| 6970.000 | 133.52 | 0. | 0.10 | 0.10 | 125.00 | 7325.32 |
| 6970.000 | 134.62 | 1.11 | 0.10 | 0.10 | 0. | 6212.58 |
| 6980.000 | 133.52 | 0. | 0.00 | 0. | 0. | 7319.35 |
| 6980.000 | 134.62 | 1.11 | 0.00 | 0. | 0. | 6202.50 |
| 8250.000 | 133.62 | 0. | 0.10 | 0. | 0. | 5435.73 |
| 8250.000 | 134.72 | 1.09 | 0.09 | 0. | 0. | 4772.39 |
| 9000.000 | 133.68 | 0. | 0.24 | 0. | 0. | 2320.19 |
| 9000.000 | 134.92 | 1.00 | 0.20 | 0. | 0. | 1923.71 |
| 9400.000 | 133.45 | 0. | -0.43 | 0. | 0. | 292.40 |
| 9400.000 | 134.71 | 1.26 | -0.21 | 0. | 0. | 346.53 |
| 9420.000 | 134.10 | 0. | 0.65 | 0. | 0. | 519.70 |
| 9420.000 | 135.00 | 0.90 | 0.20 | 0. | 0. | 359.01 |
| 9610.000 | 135.80 | 0. | 1.70 | 1.70 | 134.00 | 570.38 |
| 9610.000 | 136.70 | 0.90 | 1.70 | 1.70 | 0. | 628.49 |
| 9630.000 | 135.91 | 0. | 0.07 | 0. | 0. | 562.17 |
| 9630.000 | 136.80 | 0.88 | 0.06 | 0. | 0. | 632.30 |
| 9650.000 | 136.01 | 0. | 0.09 | 0. | 0. | 589.97 |
| 9650.000 | 136.85 | 0.65 | 0.06 | 0. | 0. | 637.45 |
| 9930.000 | 136.91 | 0. | 0.90 | 0.90 | 134.20 | 1148.96 |
| 9930.000 | 137.76 | 0.85 | 0.90 | 0.90 | 0. | 969.18 |
| 9950.000 | 136.92 | 0. | 0.01 | 0. | 0. | 1152.91 |
| 9950.000 | 137.77 | 0.85 | 0.01 | 0. | 0. | 972.51 |

| SECNO | CWSEL | DIFWSP | DIFWSX | ELTRD | ELLC | AREA |
|-----------|--------|--------|--------|-------|------|---------|
| 10445.000 | 137.07 | 0. | 0.15 | 0. | 0. | 3294.61 |
| 10445.000 | 137.94 | 0.87 | 0.17 | 0. | 0. | 2450.38 |
| 10945.000 | 137.14 | 0. | 0.06 | 0. | 0. | 2611.70 |
| 10945.000 | 138.01 | 0.87 | 0.07 | 0. | 0. | 2194.44 |

INTEC USA

100-YR Q MEADOW R
SUMMARY PRINTOUT

| SECNO | CWSEL | Q | QLOP | VLOB | QCH | VCH | QROR | VPOR | DEPTH |
|------------|--------|---------|---------|------|---------|-------|---------|------|-------|
| 380.000 | 124.41 | 3750.00 | 1020.78 | 1.38 | 893.28 | 2.61 | 1836.64 | 1.91 | 10.61 |
| 380.000 | 125.41 | 3750.00 | 933.28 | 1.81 | 1086.46 | 2.78 | 1730.24 | 2.07 | 11.61 |
| * 400.000 | 123.03 | 3750.00 | 0. | 0. | 3750.00 | 13.84 | 0. | 0. | 9.23 |
| 400.000 | 124.05 | 3750.00 | 0. | 0. | 3750.00 | 11.56 | 0. | 0. | 10.25 |
| 700.000 | 125.91 | 3750.00 | 1539.05 | 0.58 | 388.93 | 1.02 | 1822.03 | 0.55 | 11.91 |
| 700.000 | 126.93 | 3750.00 | 1441.73 | 0.70 | 443.02 | 1.06 | 1865.25 | 0.66 | 12.93 |
| 750.000 | 125.91 | 3750.00 | 1539.14 | 0.57 | 388.30 | 1.02 | 1822.56 | 0.55 | 11.91 |
| 750.000 | 126.93 | 3750.00 | 1442.70 | 0.70 | 441.85 | 1.06 | 1865.45 | 0.65 | 12.93 |
| 800.000 | 125.92 | 3750.00 | 1539.17 | 0.57 | 388.10 | 1.02 | 1822.73 | 0.55 | 11.92 |
| 800.000 | 126.93 | 3750.00 | 1442.78 | 0.70 | 441.63 | 1.06 | 1865.59 | 0.65 | 12.93 |
| 1500.000 | 125.98 | 3750.00 | 1534.82 | 0.60 | 420.70 | 1.16 | 1794.48 | 0.60 | 11.46 |
| 1500.000 | 126.98 | 3750.00 | 1428.08 | 0.78 | 482.14 | 1.20 | 1839.78 | 0.73 | 12.48 |
| 2200.000 | 126.03 | 3750.00 | 1530.93 | 0.72 | 458.28 | 1.32 | 1760.70 | 0.66 | 11.03 |
| 2200.000 | 127.04 | 3750.00 | 1412.70 | 0.88 | 528.52 | 1.37 | 1808.77 | 0.82 | 12.04 |
| 2750.000 | 126.10 | 3750.00 | 1139.84 | 1.71 | 1344.99 | 4.38 | 1265.17 | 2.06 | 10.60 |
| 2750.000 | 127.06 | 3750.00 | 1050.10 | 2.23 | 1622.13 | 4.66 | 1077.77 | 2.77 | 11.56 |
| 3780.000 | 127.54 | 3750.00 | 1550.51 | 1.47 | 1389.12 | 3.81 | 810.37 | 1.84 | 12.76 |
| 3780.000 | 128.50 | 3750.00 | 1797.68 | 2.03 | 1644.22 | 4.05 | 308.10 | 2.10 | 13.70 |
| 3860.000 | 127.72 | 3750.00 | 2067.57 | 1.71 | 965.27 | 3.78 | 717.16 | 2.22 | 11.32 |
| 3860.000 | 128.67 | 3750.00 | 1987.21 | 3.18 | 1690.85 | 5.80 | 71.90 | 2.27 | 12.27 |
| 4410.000 | 128.60 | 3470.00 | 2090.27 | 1.77 | 1075.42 | 3.65 | 304.31 | 1.20 | 13.19 |
| 4410.000 | 129.65 | 3470.00 | 2295.42 | 2.31 | 1174.58 | 3.63 | 0. | 0. | 14.15 |
| 4430.000 | 128.71 | 3470.00 | 2093.33 | 1.74 | 1068.63 | 3.62 | 308.00 | 1.19 | 13.21 |
| 4430.000 | 129.67 | 3470.00 | 2304.48 | 2.20 | 1165.52 | 3.60 | 0. | 0. | 14.17 |
| * 4500.000 | 128.97 | 3470.00 | 1942.04 | 1.80 | 1086.30 | 3.50 | 441.64 | 1.80 | 11.17 |
| * 4500.000 | 129.93 | 3470.00 | 2185.61 | 2.17 | 1279.26 | 3.81 | 5.13 | 0.73 | 12.13 |
| 4520.000 | 128.90 | 3470.00 | 1944.80 | 1.70 | 1082.43 | 3.57 | 442.98 | 1.60 | 11.19 |
| 4520.000 | 129.94 | 3470.00 | 2188.24 | 2.15 | 1275.48 | 3.79 | 6.28 | 0.78 | 12.14 |
| 4950.000 | 129.43 | 3470.00 | 1788.31 | 2.00 | 1119.44 | 3.88 | 562.25 | 1.82 | 11.13 |
| 4950.000 | 130.38 | 3470.00 | 1918.41 | 2.25 | 1340.20 | 4.17 | 211.40 | 2.15 | 12.08 |
| 5050.000 | 129.54 | 3470.00 | 2026.04 | 2.30 | 1297.42 | 4.55 | 146.50 | 1.42 | 11.00 |
| 5050.000 | 130.50 | 3470.00 | 1997.71 | 2.63 | 1472.29 | 4.62 | 0. | 0. | 12.00 |
| * 5250.000 | 131.72 | 3470.00 | 2088.82 | 1.11 | 781.25 | 2.16 | 599.93 | 0.64 | 13.22 |
| * 5250.000 | 132.67 | 3470.00 | 2213.40 | 1.35 | 891.46 | 2.26 | 365.14 | 1.01 | 14.17 |
| 5300.000 | 131.60 | 3470.00 | 539.04 | 1.90 | 1814.95 | 5.07 | 1116.01 | 1.73 | 14.00 |
| 5300.000 | 132.52 | 3470.00 | 55.23 | 1.90 | 2116.18 | 5.32 | 1298.50 | 2.36 | 14.92 |

| SECNO | CWSEL | Q | QCOR | VLCR | QCH | VCH | QROB | VROR | DEPTH |
|------------|--------|---------|---------|------|---------|-------|---------|------|-------|
| 5350.000 | 131.74 | 3470.00 | 558.43 | 1.86 | 1738.42 | 4.78 | 1175.15 | 1.68 | 14.10 |
| 5350.000 | 132.66 | 3470.00 | 88.42 | 2.06 | 2027.51 | 5.02 | 1354.07 | 2.26 | 15.06 |
| 5700.000 | 132.13 | 3470.00 | 2530.58 | 1.11 | 617.84 | 1.74 | 321.58 | 0.56 | 12.63 |
| 5700.000 | 133.11 | 3470.00 | 2741.29 | 1.32 | 728.71 | 1.82 | 0. | 0. | 13.61 |
| 5720.000 | 132.14 | 3470.00 | 2529.62 | 1.10 | 616.21 | 1.73 | 324.17 | 0.56 | 12.64 |
| 5720.000 | 133.11 | 3470.00 | 2744.70 | 1.32 | 725.30 | 1.81 | 0. | 0. | 13.61 |
| * 5830.000 | 132.41 | 3470.00 | 497.89 | 1.33 | 2278.48 | 6.95 | 693.63 | 1.42 | 12.61 |
| * 5830.000 | 133.39 | 3470.00 | 0. | 0. | 2691.32 | 7.30 | 778.68 | 2.88 | 13.59 |
| 5850.000 | 132.80 | 3470.00 | 709.51 | 1.10 | 1715.60 | 4.98 | 1044.89 | 1.11 | 13.00 |
| 5850.000 | 133.90 | 3470.00 | 27.61 | 1.58 | 1965.56 | 5.04 | 1476.83 | 2.01 | 14.10 |
| 6400.000 | 133.33 | 3470.00 | 861.04 | 0.95 | 660.37 | 2.08 | 1948.57 | 1.08 | 13.03 |
| 6400.000 | 134.44 | 3470.00 | 662.89 | 1.22 | 750.77 | 2.12 | 2056.50 | 1.29 | 14.14 |
| 6900.000 | 133.42 | 3470.00 | 1707.97 | 0.60 | 667.93 | 1.19 | 1094.00 | 0.46 | 13.02 |
| 6900.000 | 134.53 | 3470.00 | 1671.77 | 0.76 | 751.34 | 1.21 | 1046.89 | 0.57 | 14.13 |
| 6910.000 | 133.42 | 3470.00 | 1707.93 | 0.59 | 667.50 | 1.19 | 1094.57 | 0.46 | 13.02 |
| 6910.000 | 134.53 | 3470.00 | 1671.56 | 0.74 | 750.06 | 1.21 | 1048.38 | 0.57 | 14.13 |
| * 6970.000 | 133.52 | 3470.00 | 1769.20 | 0.50 | 344.93 | 0.83 | 1355.84 | 0.41 | 12.12 |
| * 6970.000 | 134.63 | 3470.00 | 1721.28 | 0.58 | 393.03 | 0.85 | 1355.60 | 0.49 | 13.23 |
| 6980.000 | 133.52 | 3470.00 | 1769.39 | 0.50 | 345.14 | 0.83 | 1355.44 | 0.41 | 12.12 |
| 6980.000 | 134.63 | 3470.00 | 1721.27 | 0.58 | 393.55 | 0.85 | 1355.18 | 0.49 | 13.23 |
| 8250.000 | 133.62 | 3470.00 | 757.88 | 0.73 | 377.10 | 1.35 | 2335.03 | 0.57 | 12.62 |
| 8250.000 | 134.72 | 3470.00 | 0. | 0. | 415.54 | 1.28 | 3054.44 | 0.69 | 13.72 |
| 9000.000 | 133.88 | 3470.00 | 897.02 | 1.70 | 601.97 | 2.89 | 1971.02 | 1.24 | 11.38 |
| 9000.000 | 134.42 | 3470.00 | 0. | 0. | 685.42 | 2.89 | 2784.58 | 1.66 | 12.42 |
| 9400.000 | 133.45 | 3470.00 | 0. | 0. | 3470.00 | 11.87 | 0. | 0. | 9.75 |
| 9400.000 | 134.71 | 3470.00 | 0. | 0. | 3470.00 | 10.01 | 0. | 0. | 11.01 |
| 9420.000 | 134.10 | 3470.00 | 0. | 0. | 3470.00 | 10.65 | 0. | 0. | 10.40 |
| 9420.000 | 135.00 | 3470.00 | 0. | 0. | 3470.00 | 9.67 | 0. | 0. | 11.30 |
| 9610.000 | 135.80 | 3470.00 | 0. | 0. | 3456.20 | 6.21 | 13.80 | 0.98 | 12.00 |
| * 9610.000 | 136.74 | 3470.00 | 0. | 0. | 3470.00 | 5.52 | 0. | 0. | 12.94 |
| 9630.000 | 135.91 | 3470.00 | 0. | 0. | 3470.00 | 6.17 | 0. | 0. | 12.11 |
| 9630.000 | 136.80 | 3470.00 | 0. | 0. | 3470.00 | 5.49 | 0. | 0. | 13.00 |
| 9650.000 | 136.01 | 3470.00 | 0. | 0. | 3488.48 | 6.05 | 21.52 | 1.06 | 12.21 |
| 9650.000 | 136.85 | 3470.00 | 0. | 0. | 3470.00 | 5.44 | 0. | 0. | 13.05 |
| * 9930.000 | 136.91 | 2050.00 | 0. | 0. | 1018.72 | 2.52 | 1031.28 | 1.38 | 11.91 |
| * 9930.000 | 137.74 | 2050.00 | 852.05 | 1.63 | 1197.95 | 2.69 | 0. | 0. | 12.74 |
| 9950.000 | 136.92 | 2050.00 | 0. | 0. | 1016.77 | 2.52 | 1033.23 | 1.38 | 11.92 |
| 9950.000 | 137.77 | 2050.00 | 853.98 | 1.62 | 1196.02 | 2.68 | 0. | 0. | 12.77 |

| SECNO | CWSEL | C | GLOR | VLOR | QCH | VCH | GROR | VROR | DEPTH |
|-----------|--------|---------|---------|------|--------|------|--------|------|-------|
| 10445.000 | 137.07 | 2050.00 | 1459.53 | 0.64 | 385.22 | 0.75 | 205.25 | 0.42 | 8.97 |
| 10445.000 | 137.94 | 2050.00 | 1523.43 | 0.83 | 526.57 | 0.84 | 0. | 0. | 9.84 |
| 10945.000 | 137.14 | 2050.00 | 1465.11 | 0.77 | 254.58 | 0.90 | 330.31 | 0.80 | 6.14 |
| 10945.000 | 138.01 | 2050.00 | 1670.55 | 0.91 | 379.45 | 1.05 | 0. | 0. | 7.01 |

100-YR Q MEADOW R
SUMMARY PRINTOUT

| SECNO | CRSEL | DIFWSP | VOL | K*XL | K*XCH | K*XNR | TOPWD | SSTA | ENDST | .01K |
|------------|--------|--------|--------|-------|-------|-------|---------|--------|---------|---------|
| 380,000 | 124.41 | 0. | 0. | 60,00 | 50,00 | 60,00 | 538.95 | 411.05 | 950,00 | 1457.40 |
| 380,000 | 125.41 | 1.00 | 0. | 60,00 | 50,00 | 60,00 | 279.48 | 616.19 | 895.68 | 1498.14 |
| * 400,000 | 123.03 | 0. | 0.53 | 60,00 | 50,00 | 60,00 | 47.52 | 717.47 | 765,00 | 247.91 |
| 400,000 | 124.05 | 1.02 | 0.47 | 60,00 | 50,00 | 60,00 | 48.63 | 716.37 | 765,00 | 307.28 |
| 700,000 | 125.91 | 0. | 23.47 | 60,00 | 50,00 | 60,00 | 1434.47 | 65.53 | 1500,00 | 4770.41 |
| 700,000 | 126.93 | 1.02 | 19.93 | 60,00 | 50,00 | 60,00 | 759.57 | 401.28 | 1160.85 | 4906.98 |
| 750,000 | 125.91 | 0. | 30.81 | 60,00 | 50,00 | 60,00 | 1434.60 | 65.40 | 1500,00 | 4785.64 |
| 750,000 | 126.93 | 1.02 | 26.05 | 60,00 | 50,00 | 60,00 | 761.96 | 400.34 | 1162.30 | 4921.66 |
| 800,000 | 125.92 | 0. | 38.16 | 60,00 | 50,00 | 60,00 | 1434.63 | 65.37 | 1500,00 | 4790.30 |
| 800,000 | 126.93 | 1.02 | 32.19 | 60,00 | 50,00 | 60,00 | 762.21 | 400.24 | 1162.45 | 4926.26 |
| 1500,000 | 125.96 | 0. | 135.82 | 60,00 | 50,00 | 60,00 | 1428.76 | 71.24 | 1500,00 | 4096.90 |
| 1500,000 | 126.96 | 1.02 | 113.22 | 60,00 | 50,00 | 60,00 | 717.22 | 417.68 | 1134.90 | 4208.65 |
| 2200,000 | 126.03 | 0. | 223.23 | 60,00 | 50,00 | 60,00 | 1423.16 | 76.84 | 1500,00 | 3487.60 |
| 2200,000 | 127.04 | 1.01 | 184.93 | 60,00 | 50,00 | 60,00 | 672.36 | 434.93 | 1107.30 | 3586.09 |
| 2750,000 | 126.10 | 0. | 265.65 | 60,00 | 50,00 | 60,00 | 695.29 | 185.76 | 881.05 | 887.05 |
| 2750,000 | 127.04 | 0.96 | 218.99 | 60,00 | 50,00 | 60,00 | 268.96 | 382.68 | 651.64 | 905.54 |
| 3780,000 | 127.56 | 0. | 306.47 | 60,00 | 50,00 | 60,00 | 754.45 | 282.49 | 1016.24 | 1134.17 |
| 3780,000 | 128.50 | 0.95 | 250.27 | 60,00 | 50,00 | 60,00 | 296.65 | 558.53 | 855.18 | 1143.63 |
| 3860,000 | 127.72 | 0. | 309.82 | 60,00 | 50,00 | 60,00 | 688.43 | 205.20 | 893.64 | 584.11 |
| 3860,000 | 128.67 | 0.95 | 252.46 | 60,00 | 50,00 | 60,00 | 164.43 | 605.39 | 769.82 | 814.64 |
| 4410,000 | 128.69 | 0. | 332.03 | 60,00 | 50,00 | 60,00 | 574.92 | 138.81 | 713.73 | 1134.86 |
| 4410,000 | 129.65 | 0.96 | 266.75 | 60,00 | 50,00 | 60,00 | 215.98 | 348.02 | 564.00 | 1119.50 |
| 4430,000 | 128.71 | 0. | 332.83 | 60,00 | 50,00 | 60,00 | 577.10 | 137.18 | 714.27 | 1147.36 |
| 4430,000 | 129.67 | 0.96 | 267.34 | 60,00 | 50,00 | 60,00 | 218.12 | 345.88 | 564.00 | 1130.54 |
| * 4500,000 | 128.97 | 0. | 335.57 | 60,00 | 50,00 | 60,00 | 502.20 | 169.45 | 671.73 | 1136.83 |
| * 4500,000 | 129.93 | 0.96 | 269.51 | 60,00 | 50,00 | 60,00 | 234.20 | 334.89 | 569.10 | 1150.30 |
| 4520,000 | 128.90 | 0. | 336.32 | 60,00 | 50,00 | 60,00 | 503.96 | 167.92 | 671.88 | 1144.90 |
| 4520,000 | 129.90 | 0.96 | 270.13 | 60,00 | 50,00 | 60,00 | 234.70 | 334.51 | 569.30 | 1156.49 |
| 4950,000 | 129.43 | 0. | 352.03 | 60,00 | 50,00 | 60,00 | 495.20 | 434.06 | 1022.26 | 972.58 |
| 4950,000 | 130.38 | 0.95 | 283.10 | 60,00 | 50,00 | 60,00 | 337.77 | 550.74 | 888.51 | 974.40 |
| 5050,000 | 129.50 | 0. | 355.19 | 60,00 | 50,00 | 60,00 | 457.30 | 437.91 | 1234.30 | 823.87 |
| 5050,000 | 130.50 | 0.96 | 285.80 | 60,00 | 50,00 | 60,00 | 306.72 | 560.28 | 867.00 | 810.40 |
| * 5250,000 | 131.72 | 0. | 365.32 | 60,00 | 50,00 | 60,00 | 1451.51 | 0. | 1451.51 | 2028.32 |
| * 5250,000 | 132.67 | 0.96 | 293.78 | 60,00 | 50,00 | 60,00 | 447.51 | 524.53 | 972.03 | 2060.65 |
| 5300,000 | 131.60 | 0. | 367.88 | 60,00 | 50,00 | 60,00 | 595.07 | 326.16 | 925.82 | 747.07 |
| 5300,000 | 132.52 | 0.92 | 295.72 | 60,00 | 50,00 | 60,00 | 248.27 | 474.89 | 723.16 | 751.13 |

| SECNO | CWSEL | DIFWSP | VOL | K*XML | K*XNCH | K*XNR | TOP*TD | SATA | ENDST | .01K |
|------------|--------|--------|--------|-------|--------|-------|---------|--------|---------|---------|
| 5350.000 | 131.74 | 0. | 369.40 | 60.00 | 50.00 | 60.00 | 277.67 | 319.96 | 931.30 | 798.41 |
| 5350.000 | 132.66 | 0.92 | 296.88 | 60.00 | 50.00 | 60.00 | 259.43 | 471.62 | 731.06 | 804.76 |
| 5700.000 | 132.13 | 0. | 387.77 | 60.00 | 50.00 | 60.00 | 1037.77 | 130.74 | 1199.90 | 2120.62 |
| 5700.000 | 133.11 | 0.97 | 311.02 | 60.00 | 50.00 | 60.00 | 384.50 | 384.41 | 774.00 | 2154.27 |
| 5720.000 | 132.14 | 0. | 389.25 | 60.00 | 50.00 | 60.00 | 1640.70 | 129.71 | 1201.28 | 2133.02 |
| 5720.000 | 133.11 | 0.97 | 312.16 | 60.00 | 50.00 | 60.00 | 387.00 | 387.00 | 774.00 | 2165.96 |
| * 5830.000 | 132.41 | 0. | 394.82 | 60.00 | 50.00 | 60.00 | 1456.43 | 200.55 | 1656.98 | 532.94 |
| * 5830.000 | 133.39 | 0.97 | 316.11 | 60.00 | 50.00 | 60.00 | 153.51 | 730.00 | 883.51 | 532.89 |
| 5850.000 | 132.80 | 0. | 395.53 | 60.00 | 50.00 | 60.00 | 1849.67 | 150.39 | 2000.00 | 768.77 |
| 5850.000 | 133.90 | 1.10 | 316.51 | 60.00 | 50.00 | 60.00 | 319.01 | 723.28 | 1042.28 | 826.42 |
| 6400.000 | 133.33 | 0. | 426.52 | 60.00 | 50.00 | 60.00 | 895.87 | 334.13 | 1230.00 | 2047.51 |
| 6400.000 | 134.44 | 1.11 | 339.48 | 60.00 | 50.00 | 60.00 | 399.50 | 636.32 | 1035.66 | 2156.80 |
| 6900.000 | 133.42 | 0. | 477.21 | 60.00 | 50.00 | 60.00 | 1909.51 | 74.56 | 1984.07 | 3828.27 |
| 6900.000 | 134.53 | 1.11 | 380.43 | 60.00 | 50.00 | 60.00 | 785.25 | 653.95 | 1439.20 | 4038.85 |
| 6910.000 | 133.42 | 0. | 478.54 | 60.00 | 50.00 | 60.00 | 1910.11 | 74.31 | 1984.42 | 3832.39 |
| 6910.000 | 134.53 | 1.11 | 381.50 | 60.00 | 50.00 | 60.00 | 786.28 | 653.50 | 1439.78 | 4050.30 |
| * 6970.000 | 133.52 | 0. | 487.59 | 60.00 | 50.00 | 60.00 | 1771.33 | 398.67 | 2170.00 | 5141.52 |
| * 6970.000 | 134.63 | 1.11 | 388.98 | 60.00 | 50.00 | 60.00 | 990.40 | 704.72 | 1735.13 | 5423.68 |
| 6980.000 | 133.52 | 0. | 489.27 | 60.00 | 50.00 | 60.00 | 1771.23 | 398.77 | 2170.00 | 5135.29 |
| 6980.000 | 134.63 | 1.11 | 390.41 | 60.00 | 50.00 | 60.00 | 988.26 | 705.62 | 1733.88 | 5416.69 |
| 8250.000 | 133.62 | 0. | 675.21 | 60.00 | 50.00 | 60.00 | 2544.20 | 313.96 | 2802.24 | 2513.46 |
| 8250.000 | 134.72 | 1.09 | 550.40 | 60.00 | 50.00 | 60.00 | 1490.38 | 733.00 | 2225.42 | 2753.09 |
| 9000.000 | 133.88 | 0. | 741.98 | 50.00 | 50.00 | 50.00 | 1781.40 | 383.23 | 2401.19 | 1054.90 |
| 9000.000 | 134.92 | 1.04 | 608.00 | 50.00 | 50.00 | 50.00 | 625.42 | 659.70 | 1521.36 | 1147.55 |
| 9400.000 | 133.45 | 0. | 753.98 | 50.00 | 50.00 | 50.00 | 41.40 | 180.72 | 222.16 | 287.52 |
| 9400.000 | 134.71 | 1.26 | 618.66 | 50.00 | 50.00 | 50.00 | 43.50 | 179.46 | 223.00 | 344.01 |
| 9420.000 | 134.10 | 0. | 754.12 | 50.00 | 50.00 | 50.00 | 42.42 | 180.08 | 223.00 | 324.93 |
| 9420.000 | 135.00 | 0.90 | 616.63 | 50.00 | 50.00 | 50.00 | 43.62 | 179.18 | 223.00 | 382.77 |
| 9610.000 | 135.84 | 0. | 756.04 | 50.00 | 50.00 | 50.00 | 113.50 | 860.00 | 973.50 | 588.29 |
| * 9610.000 | 136.70 | 0.90 | 620.78 | 50.00 | 50.00 | 50.00 | 80.00 | 860.00 | 940.00 | 695.49 |
| 9630.000 | 135.91 | 0. | 756.32 | 50.00 | 50.00 | 50.00 | 80.00 | 860.00 | 940.00 | 596.10 |
| 9630.000 | 136.80 | 0.88 | 621.07 | 50.00 | 50.00 | 50.00 | 80.00 | 860.00 | 940.00 | 702.58 |
| 9650.000 | 136.01 | 0. | 756.58 | 50.00 | 50.00 | 50.00 | 120.20 | 860.00 | 980.20 | 613.22 |
| 9650.000 | 136.85 | 0.85 | 621.36 | 50.00 | 50.00 | 50.00 | 80.00 | 860.00 | 940.00 | 710.89 |
| * 9930.000 | 136.91 | 0. | 762.17 | 50.00 | 50.00 | 50.00 | 383.63 | 725.00 | 1108.64 | 923.71 |
| * 9930.000 | 137.76 | 0.85 | 626.53 | 50.00 | 50.00 | 50.00 | 230.30 | 521.85 | 775.00 | 870.45 |
| 9950.000 | 136.92 | 0. | 762.70 | 50.00 | 50.00 | 50.00 | 384.35 | 725.00 | 1109.35 | 927.39 |
| 9950.000 | 137.77 | 0.85 | 626.97 | 50.00 | 50.00 | 50.00 | 231.30 | 521.04 | 775.00 | 672.82 |

| SECNO | WSEL | DIFWSP | VOL | K*XL | K*YACH | K*XNR | TOPWID | SS1A | ENDST | .01K |
|-----------|--------|--------|--------|-------|--------|-------|---------|---------|---------|---------|
| 10445.000 | 137.07 | 0. | 787.97 | 50.00 | 50.00 | 50.00 | 1292.65 | 0. | 1317.84 | 2101.88 |
| 10445.000 | 137.94 | 0.87 | 646.42 | 50.00 | 50.00 | 50.00 | 517.15 | 452.85 | 970.00 | 2068.98 |
| 10945.000 | 137.14 | 0. | 821.87 | 50.00 | 50.00 | 50.00 | 1562.60 | 225.10 | 1950.68 | 1448.29 |
| 10945.000 | 138.01 | 0.87 | 673.08 | 50.00 | 50.00 | 50.00 | 772.72 | 1002.28 | 1775.00 | 1419.04 |

SUMMARY OF ERRORS

CAUTION SECNO= 400.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 400.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 400.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 4500.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO= 4500.000 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 5250.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO= 5250.000 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 5830.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 5830.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 5830.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO= 5830.000 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 6970.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO= 6970.000 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 9810.000 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 9930.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO= 9930.000 PROFILE= 2 HYDRAULIC JUMP D.S.

MEADOW BRANCH FLOODWAY

SNUMR = 3316T, ACTIVITY # F 01, REPORT CODE = 52, RECORD COUNT = 000284

T1 LUMBERTON N C
 T2 FLOOD INSURANCE STUDY
 T3 100-YR @ MEADOW BRANCH

MEADOW BRANCH

TARGET = 0.7'

| J1 | ICHECK | IND | VINV | IDIR | STRT | METRIC | WVINS | Q | WSEI | FR |
|----|-------------------------------------|----------|-------------------------------------|----------|----------|----------|---------|----------|---------|----------|
| | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 124.410 | 0. |
| J2 | NPROF | IPLT | PREVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIV | ITRACE |
| | 1.000 | 0. | -1.000 | 5.000 | 500.000 | 0. | 0. | 0. | 0. | 0. |
| J3 | VARIABLE CIPES FOR SUMMARY PRINTOUT | | | | | | | | | |
| | 38.000 | 1.000 | 50.000 | 42.000 | 33.000 | 58.000 | 39.000 | 0. | 38.000 | 1.000 |
| | 50.000 | 51.000 | 40.000 | 41.000 | 25.000 | 0. | 38.000 | 1.000 | 43.000 | 13.000 |
| | 55.000 | 14.000 | 28.000 | 15.000 | 56.000 | 8.000 | 0. | 38.000 | 1.000 | 50.000 |
| | 7.000 | 16.000 | 17.000 | 13.000 | 4.000 | 53.000 | 54.000 | 34.000 | 0. | 0. |
| J5 | LPRNT | NUMSEC | *****REQUESTED SECTION NUMBERS***** | | | | | | | |
| | -10.000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| NC | 0.040 | 0.050 | 0.050 | 0.100 | 0.300 | 0. | 0. | 0. | 0. | 0. |
| BT | 5.000 | 2460.000 | 3340.000 | 3750.000 | 5760.000 | 3750.000 | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.400 | 0. | 0. | 0. | 0. |
| X1 | 380.000 | 17.000 | 716.000 | 765.000 | 0. | 0. | 0. | 0. | 0. | 0. |
| GR | 130.000 | 0. | 128.000 | 120.000 | 126.000 | 260.000 | 124.000 | 450.000 | 122.000 | 560.000 |
| GR | 120.000 | 477.000 | 119.100 | 700.000 | 120.000 | 712.000 | 124.400 | 716.000 | 121.600 | 719.000 |
| GR | 120.000 | 731.000 | 114.500 | 741.000 | 113.800 | 750.000 | 114.900 | 759.000 | 120.700 | 765.000 |
| GR | 118.300 | 800.000 | 120.000 | 950.000 | 0. | 0. | 0. | 0. | 0. | 0. |
| X1 | 400.000 | 0. | 0. | 0. | 20.000 | 20.000 | 20.000 | 0. | 0. | 0. |
| X3 | 10.000 | 0. | 0. | 0. | 0. | 0. | 0. | 125.000 | 125.000 | 0. |
| SR | 1.250 | 1.500 | 3.000 | 500.000 | 50.000 | 6.000 | 160.000 | 0. | 113.590 | 113.050 |
| X1 | 700.000 | 14.000 | 685.000 | 722.000 | 300.000 | 300.000 | 300.000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1.000 | 121.600 | 124.700 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10.000 | 0. | 0. | 0. | 0. | 0. | 0. | 125.000 | 125.000 | 0. |
| GR | 131.000 | 0. | 124.000 | 90.000 | 124.000 | 260.000 | 120.000 | 400.000 | 119.500 | 650.000 |
| GR | 118.600 | 485.000 | 114.600 | 688.000 | 114.000 | 700.000 | 114.700 | 712.000 | 122.200 | 722.000 |
| GR | 119.400 | 850.000 | 120.000 | 980.000 | 122.000 | 1230.000 | 125.000 | 1500.000 | 128.000 | 1600.000 |
| X1 | 750.000 | 0. | 0. | 0. | 50.000 | 50.000 | 50.000 | 0. | 0. | 0. |
| X1 | 800.000 | 0. | 0. | 0. | 50.000 | 50.000 | 50.000 | 0. | 0. | 0. |
| X1 | 1500.000 | 0. | 0. | 0. | 700.000 | 700.000 | 700.000 | 0. | 0.500 | 0. |

| | | | | | | | | | | |
|----|----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 2200,000 | 0. | 0. | 0. | 700,000 | 700,000 | 700,000 | 0. | 0,500 | 0. |
| X1 | 2750,000 | 13,000 | 526,000 | 568,000 | 550,000 | 550,000 | 550,000 | 0. | 0. | 0. |
| GR | 131,000 | 0. | 124,000 | 265,000 | 123,700 | 526,000 | 122,800 | 532,000 | 117,000 | 540,000 |
| GR | 115,500 | 550,000 | 116,900 | 560,000 | 124,500 | 568,000 | 121,500 | 600,000 | 124,000 | 720,000 |
| GR | 125,000 | 740,000 | 126,000 | 880,000 | 130,000 | 925,000 | 0. | 0. | 0. | 0. |
| X1 | 3780,000 | 16,000 | 780,000 | 823,000 | 1030,000 | 1030,000 | 1030,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 124,900 | 124,900 | 0. |
| GR | 131,000 | 0. | 126,000 | 214,000 | 126,000 | 430,000 | 124,000 | 750,000 | 123,800 | 780,000 |
| GR | 117,900 | 790,000 | 114,800 | 800,000 | 117,800 | 810,000 | 126,000 | 823,000 | 125,700 | 834,000 |
| GR | 122,400 | 842,000 | 122,200 | 850,000 | 123,900 | 900,000 | 126,000 | 920,000 | 128,000 | 1045,000 |
| GR | 130,000 | 1070,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| SR | 0. | 1,500 | 3,000 | 500,000 | 9,000 | 0. | 207,000 | 2,400 | 0. | 0. |
| X1 | 3860,000 | 11,000 | 735,000 | 764,000 | 80,000 | 80,000 | 80,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 124,700 | 124,400 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 124,900 | 124,900 | 0. |
| GR | 131,000 | 0. | 126,000 | 180,000 | 126,000 | 360,000 | 123,400 | 735,000 | 117,800 | 742,000 |
| GR | 116,400 | 750,000 | 117,700 | 758,000 | 123,200 | 764,000 | 123,600 | 800,000 | 128,000 | 900,000 |
| GR | 130,000 | 1010,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| GT | 5,000 | 2270,000 | 3110,000 | 3470,000 | 5320,000 | 3470,000 | 0. | 0. | 0. | 0. |
| X1 | 4410,000 | 12,000 | 534,000 | 564,000 | 550,000 | 550,000 | 550,000 | 0. | 0. | 0. |
| GR | 131,000 | 0. | 126,000 | 300,000 | 124,000 | 400,000 | 124,000 | 445,000 | 124,700 | 534,000 |
| GR | 117,900 | 542,000 | 115,500 | 550,000 | 117,900 | 558,000 | 125,000 | 564,000 | 126,500 | 600,000 |
| GR | 128,000 | 700,000 | 130,000 | 740,000 | 0. | 0. | 0. | 0. | 0. | 0. |
| X1 | 4470,000 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 125,200 | 125,200 | 0. |
| SR | 1,250 | 1,500 | 3,000 | 200,000 | 33,000 | 15,500 | 99,500 | 0. | 0. | 0. |
| X1 | 4500,000 | 13,000 | 533,000 | 568,000 | 70,000 | 70,000 | 70,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 122,600 | 124,700 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 125,200 | 125,200 | 0. |
| GR | 131,000 | 0. | 126,000 | 250,000 | 126,000 | 300,000 | 124,000 | 355,000 | 125,800 | 533,000 |
| GR | 119,100 | 542,000 | 117,900 | 550,000 | 119,100 | 558,000 | 123,700 | 568,000 | 125,700 | 600,000 |
| GR | 128,000 | 664,000 | 130,000 | 680,000 | 132,000 | 768,000 | 0. | 0. | 0. | 0. |
| X1 | 4520,000 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X1 | 4950,000 | 18,000 | 832,000 | 867,000 | 430,000 | 430,000 | 430,000 | 0. | 0. | 0. |
| GR | 131,200 | 0. | 131,300 | 300,000 | 130,000 | 410,000 | 128,000 | 405,000 | 123,000 | 560,000 |
| GR | 130,000 | 635,000 | 130,000 | 720,000 | 124,000 | 740,000 | 124,000 | 770,000 | 126,000 | 780,000 |
| GR | 129,000 | 832,000 | 119,200 | 842,000 | 118,300 | 850,000 | 119,100 | 858,000 | 125,600 | 867,000 |
| GR | 128,000 | 990,000 | 130,000 | 1035,000 | 132,000 | 1200,000 | 0. | 0. | 0. | 0. |
| X1 | 5050,000 | 19,000 | 832,000 | 867,000 | 100,000 | 100,000 | 100,000 | 0. | 0,200 | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 129,500 | 129,500 | 0. |
| GR | 131,200 | 0. | 131,300 | 300,000 | 130,000 | 410,000 | 128,000 | 495,000 | 123,000 | 560,000 |
| GR | 130,000 | 635,000 | 130,000 | 720,000 | 124,000 | 740,000 | 124,000 | 770,000 | 126,000 | 780,000 |
| GR | 129,000 | 832,000 | 119,200 | 842,000 | 118,300 | 850,000 | 119,100 | 858,000 | 125,600 | 867,000 |
| GR | 130,500 | 930,000 | 130,500 | 1025,000 | 129,000 | 1200,000 | 132,000 | 1500,000 | 0. | 0. |
| SB | 1,250 | 1,500 | 3,000 | 500,000 | 23,000 | 5,000 | 144,000 | 0. | 0. | 0. |

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|----|----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 5250,000 | 0. | 0. | 0. | 200,000 | 200,000 | 200,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 125,600 | 130,500 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 129,500 | 129,500 | 0. |
| | | | | | | | | | | |
| X1 | 5300,000 | 17,000 | 483,000 | 527,000 | 50,000 | 50,000 | 50,000 | 0. | 0. | 0. |
| GR | 134,200 | 0. | 132,500 | 200,000 | 132,500 | 285,000 | 130,000 | 400,000 | 128,000 | 470,000 |
| GR | 129,600 | 483,000 | 119,400 | 494,000 | 117,600 | 500,000 | 119,300 | 506,000 | 132,300 | 527,000 |
| GR | 130,700 | 535,000 | 130,200 | 550,000 | 130,000 | 575,000 | 127,000 | 610,000 | 130,000 | 627,000 |
| GR | 130,000 | 850,000 | 132,000 | 942,000 | 0. | 0. | 0. | 0. | 0. | 0. |
| | | | | | | | | | | |
| X1 | 5350,000 | 0. | 0. | 0. | 50,000 | 50,000 | 50,000 | 0. | 0. | 0. |
| | | | | | | | | | | |
| X1 | 5700,000 | 13,000 | 728,000 | 774,000 | 350,000 | 350,000 | 350,000 | 0. | 0. | 0. |
| GR | 134,000 | 0. | 130,000 | 280,000 | 128,000 | 355,000 | 126,000 | 710,000 | 130,900 | 728,000 |
| GR | 121,700 | 742,000 | 119,500 | 750,000 | 121,500 | 758,000 | 131,800 | 774,000 | 132,900 | 800,000 |
| GR | 130,000 | 850,000 | 130,000 | 1000,000 | 134,000 | 1375,000 | 0. | 0. | 0. | 0. |
| | | | | | | | | | | |
| X1 | 5720,000 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 132,000 | 132,000 | 0. |
| SB | 1,250 | 1,500 | 3,000 | 1300,000 | 14,000 | 2,000 | 96,000 | 0. | 0. | 0. |
| | | | | | | | | | | |
| X1 | 5830,000 | 9,000 | 730,000 | 772,000 | 110,000 | 110,000 | 110,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 128,200 | 131,500 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 132,000 | 132,000 | 0. |
| GR | 134,000 | 0. | 132,000 | 253,000 | 131,300 | 730,000 | 121,400 | 744,000 | 119,800 | 750,000 |
| GR | 121,400 | 756,000 | 130,600 | 772,000 | 132,200 | 1260,000 | 132,600 | 2000,000 | 0. | 0. |
| | | | | | | | | | | |
| X1 | 5850,000 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 132,000 | 132,000 | 0. |
| | | | | | | | | | | |
| X1 | 6400,000 | 12,000 | 732,000 | 765,000 | 550,000 | 550,000 | 550,000 | 0. | 0. | 0. |
| GR | 135,400 | 30,000 | 134,000 | 236,000 | 132,000 | 525,000 | 130,000 | 590,000 | 128,000 | 690,000 |
| GR | 130,200 | 732,000 | 121,600 | 744,000 | 120,300 | 750,000 | 121,500 | 756,000 | 127,500 | 765,000 |
| GR | 130,000 | 1095,000 | 132,400 | 1230,000 | 0. | 0. | 0. | 0. | 0. | 0. |
| | | | | | | | | | | |
| X1 | 6400,000 | 17,000 | 973,000 | 1028,000 | 500,000 | 500,000 | 500,000 | 0. | 0. | 0. |
| GR | 134,200 | 0. | 132,000 | 210,000 | 132,000 | 410,000 | 130,000 | 610,000 | 126,000 | 850,000 |
| GR | 127,600 | 900,000 | 127,600 | 938,000 | 130,500 | 273,000 | 122,200 | 984,000 | 120,400 | 1000,000 |
| GR | 122,000 | 1016,000 | 129,400 | 1028,000 | 130,200 | 1100,000 | 130,000 | 1560,000 | 132,000 | 1700,000 |
| GR | 132,400 | 1850,000 | 134,300 | 2100,000 | 0. | 0. | 0. | 0. | 0. | 0. |
| | | | | | | | | | | |
| X1 | 6410,000 | 0. | 0. | 0. | 10,000 | 10,000 | 10,000 | 0. | 0. | 0. |
| X3 | 0,100 | 0. | 0. | 0. | 0. | 0. | 0. | 131,000 | 131,000 | 0. |
| SB | 1,250 | 1,500 | 3,000 | 800,000 | 22,800 | 11,000 | 59,000 | 0. | 0. | 0. |
| | | | | | | | | | | |
| X1 | 6970,000 | 17,000 | 1175,000 | 1219,000 | 60,000 | 60,000 | 60,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 125,000 | 130,500 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 131,000 | 131,000 | 0. |
| GR | 135,000 | 0. | 134,000 | 385,000 | 130,000 | 500,000 | 130,000 | 670,000 | 128,000 | 870,000 |
| GR | 126,000 | 1040,000 | 127,700 | 1135,000 | 129,100 | 1150,000 | 133,000 | 1175,000 | 122,400 | 1188,000 |
| GR | 121,400 | 1200,000 | 122,300 | 1212,000 | 127,400 | 1219,000 | 128,600 | 1300,000 | 130,000 | 1635,000 |
| GR | 130,500 | 1970,000 | 132,700 | 2170,000 | 0. | 0. | 0. | 0. | 0. | 0. |
| | | | | | | | | | | |
| X1 | 6980,000 | 0. | 0. | 0. | 10,000 | 10,000 | 10,000 | 0. | 0. | 0. |

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|----|----------|----------|---------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 8250,000 | 22,100 | 733,000 | 775,000 | 1270,000 | 1270,000 | 1270,000 | 0. | 0. | 0. |
| GR | 136,000 | 0. | 134,000 | 280,000 | 132,000 | 460,000 | 130,000 | 570,000 | 128,000 | 625,000 |
| GR | 132,300 | 733,000 | 123,000 | 745,000 | 121,000 | 750,000 | 123,000 | 755,000 | 131,100 | 768,000 |
| GR | 134,500 | 775,000 | 131,100 | 788,000 | 131,300 | 800,000 | 130,000 | 900,000 | 132,000 | 1020,000 |
| GR | 132,000 | 1100,000 | 132,000 | 1490,000 | 134,800 | 1530,000 | 128,000 | 1600,000 | 133,300 | 1950,000 |
| GR | 130,700 | 2600,000 | 133,700 | 2900,000 | 0. | 0. | 0. | 0. | 0. | 0. |
| NC | 0,050 | 0,050 | 0,050 | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

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|----|----------|----|----|----|---------|---------|---------|-------|-------|----|
| X1 | 9000,000 | 0. | 0. | 0. | 750,000 | 750,000 | 750,000 | 0,900 | 1,500 | 0. |
|----|----------|----|----|----|---------|---------|---------|-------|-------|----|

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|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 9400,000 | 12,000 | 177,000 | 223,000 | 400,000 | 400,000 | 400,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 136,000 | 136,000 | 0. |
| GR | 135,600 | 0. | 132,000 | 100,000 | 132,700 | 136,000 | 135,900 | 150,000 | 137,200 | 177,000 |
| GR | 124,100 | 190,000 | 123,700 | 200,000 | 124,000 | 210,000 | 134,100 | 223,000 | 134,100 | 250,000 |
| GR | 133,500 | 300,000 | 136,200 | 430,000 | 0. | 0. | 0. | 0. | 0. | 0. |

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|----|----------|-------|-------|----------|--------|--------|---------|---------|---------|----|
| X1 | 9420,000 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 136,000 | 136,000 | 0. |
| SR | 1,250 | 1,500 | 3,000 | 1000,000 | 13,000 | 1,000 | 120,000 | 0. | 0. | 0. |

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|----|----------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 9610,000 | 13,000 | 860,000 | 940,000 | 190,000 | 190,000 | 190,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 134,000 | 135,600 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 136,500 | 135,600 | 0. |
| GR | 136,600 | 0. | 136,000 | 20,000 | 135,000 | 370,000 | 134,100 | 850,000 | 125,200 | 893,000 |
| GR | 123,800 | 900,000 | 125,000 | 907,000 | 135,000 | 940,000 | 136,500 | 1000,000 | 136,200 | 1020,000 |
| GR | 136,700 | 1250,000 | 137,000 | 1320,000 | 138,000 | 1750,000 | 0. | 0. | 0. | 0. |

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|----|----------|----|----|----|--------|--------|--------|---------|---------|----|
| X1 | 9630,000 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 137,000 | 137,000 | 0. |

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|----|----------|----------|----------|----------|----------|----------|---------|---------|---------|----|
| X1 | 9650,000 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 136,500 | 135,600 | 0. |
| SR | 1,250 | 1,500 | 3,000 | 750,000 | 15,000 | 1,000 | 126,000 | 0. | 0. | 0. |
| QT | 5,000 | 1370,000 | 1640,000 | 2050,000 | 3050,000 | 2050,000 | 0. | 0. | 0. | 0. |

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|----|----------|----------|---------|----------|---------|---------|---------|---------|---------|---------|
| X1 | 9930,000 | 17,000 | 725,000 | 775,000 | 280,000 | 280,000 | 280,000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1,000 | 134,200 | 136,300 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 137,400 | 136,300 | 0. |
| GR | 137,000 | 0. | 135,600 | 100,000 | 134,000 | 490,000 | 138,500 | 590,000 | 132,000 | 645,000 |
| GR | 132,000 | 670,000 | 135,400 | 700,000 | 135,500 | 725,000 | 126,000 | 744,000 | 125,000 | 750,000 |
| GR | 126,200 | 756,000 | 131,800 | 775,000 | 131,400 | 800,000 | 132,000 | 820,000 | 134,000 | 845,000 |
| GR | 136,000 | 1045,000 | 138,000 | 1185,000 | 0. | 0. | 0. | 0. | 0. | 0. |

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|----|----------|----|----|----|--------|--------|--------|---------|---------|----|
| X1 | 9950,000 | 0. | 0. | 0. | 20,000 | 20,000 | 20,000 | 0. | 0. | 0. |
| X3 | 10,000 | 0. | 0. | 0. | 0. | 0. | 0. | 137,400 | 136,300 | 0. |

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|----|-----------|---------|---------|---------|---------|----------|---------|----------|---------|----------|
| X1 | 10445,000 | 20,000 | 645,000 | 970,000 | 495,000 | 495,000 | 495,000 | 0. | 0. | 0. |
| GR | 135,600 | 0. | 136,000 | 145,000 | 134,000 | 320,000 | 138,800 | 350,000 | 134,000 | 390,000 |
| GR | 134,000 | 590,000 | 132,900 | 700,000 | 131,700 | 740,000 | 129,000 | 746,000 | 128,100 | 750,000 |
| GR | 129,100 | 754,000 | 131,600 | 762,000 | 132,900 | 800,000 | 135,200 | 845,000 | 131,400 | 885,000 |
| GR | 132,000 | 900,000 | 134,000 | 970,000 | 136,000 | 1160,000 | 136,200 | 1200,000 | 138,200 | 1470,000 |

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|----|-----------|---------|----------|----------|---------|---------|---------|---------|---------|---------|
| X1 | 10945,000 | 19,000 | 1685,000 | 1775,000 | 500,000 | 500,000 | 500,000 | 0. | 0. | 0. |
| GR | 137,400 | 0. | 136,700 | 600,000 | 136,600 | 650,000 | 134,600 | 693,000 | 131,400 | 697,000 |
| GR | 131,000 | 703,000 | 132,300 | 740,000 | 135,000 | 750,000 | 135,900 | 800,000 | 138,000 | 845,000 |

125,200 125,200 0.

| | | | | | | | | | | |
|----|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| GR | 136,000 | 940,000 | 138,000 | 1055,000 | 135,200 | 1230,000 | 134,200 | 1590,000 | 134,000 | 1885,000 |
| GR | 134,000 | 1775,000 | 134,300 | 1870,000 | 136,000 | 1930,000 | 138,200 | 1970,000 | 0. | 0. |
| EJ | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

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|--|---------|-------|-------|--------|--------|--------|--------|--------|----|
| | 2355.00 | -0.30 | -0.30 | 124.70 | 124.40 | 889.91 | 127.56 | 127.56 | 0. |
| | 4140.00 | -0.30 | -0.30 | 124.70 | 124.40 | 891.70 | 127.63 | 127.63 | 0. |
| | 4140.00 | -0.30 | -0.30 | 124.70 | 124.40 | 893.64 | 127.72 | 127.72 | 0. |

T1 LUMBERTON N C MEADOW BRANCH
T2 FLOOD INSURANCE STUDY
T3 FLOODWAY MEADOW BRANCH TARGET=1.0'

| | | | | | | | | | | |
|----|--------|-----|------|------|------|--------|-------|----|---------|----|
| J1 | ICHECK | ING | HINV | IDIR | STRT | METRIC | HWINS | Q | WSEL | FG |
| | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 125,410 | 0. |

| | | | | | | | | | | |
|----|--------|-------|--------|-------|-------|----|-------|-----|-------|--------|
| J2 | NPROF | IPLOT | PREVS | XSECV | XSECH | FN | ALLDC | TBW | CHNIM | ITRACE |
| | 15,000 | 0. | -1,000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | | |
|--|---------|-------|-------|--------|--------|--------|--------|--------|----|
| | 2355.00 | -0.30 | -0.30 | 124.70 | 124.40 | 923.17 | 128.42 | 128.42 | 0. |
|--|---------|-------|-------|--------|--------|--------|--------|--------|----|

INTEP SA

 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR = 01
 MODIFICATION = 50,51,52

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

100-YR Q HEADON R
 SUMMARY PRINTOUT

| SECNO | C*SEL | DIFWSP | ELMIN | K*CHSL | KHATTO | XLCW |
|------------|--------|--------|--------|--------|--------|---------|
| 380,000 | 124.41 | 0. | 113.80 | 0. | 0. | 0. |
| 380,000 | 125.41 | 1.00 | 113.80 | 0. | 0. | 0. |
| * 400,000 | 123.03 | 0. | 113.80 | 0. | 0.17 | 20.00 |
| 400,000 | 124.03 | 1.00 | 113.80 | 0. | 0.19 | 20.00 |
| 700,000 | 125.91 | 0. | 114.00 | 0.67 | 19.20 | 300.00 |
| 700,000 | 126.91 | 1.00 | 114.00 | 0.67 | 16.72 | 300.00 |
| 750,000 | 125.91 | 0. | 114.00 | 0. | 1.00 | 50.00 |
| 750,000 | 126.91 | 1.00 | 114.00 | 0. | 1.00 | 50.00 |
| 800,000 | 125.92 | 0. | 114.00 | 0. | 1.00 | 50.00 |
| 800,000 | 126.92 | 1.00 | 114.00 | 0. | 1.00 | 50.00 |
| 1500,000 | 125.96 | 0. | 114.50 | 0.71 | 0.86 | 700.00 |
| 1500,000 | 126.96 | 0.90 | 114.50 | 0.71 | 0.86 | 700.00 |
| 2200,000 | 126.03 | 0. | 115.00 | 0.71 | 0.85 | 700.00 |
| 2200,000 | 127.02 | 0.98 | 115.00 | 0.71 | 0.85 | 700.00 |
| 2750,000 | 126.10 | 0. | 115.50 | 0.91 | 0.25 | 550.00 |
| 2750,000 | 127.04 | 0.90 | 115.50 | 0.91 | 0.26 | 550.00 |
| 3780,000 | 127.56 | 0. | 114.80 | -0.68 | 1.28 | 1030.00 |
| 3760,000 | 126.34 | 0.80 | 114.80 | -0.68 | 1.21 | 1030.00 |
| 3860,000 | 127.72 | 0. | 116.40 | 20.00 | 0.52 | 80.00 |
| 3860,000 | 128.52 | 0.80 | 116.40 | 20.00 | 0.71 | 80.00 |
| 4410,000 | 128.69 | 0. | 115.50 | -1.60 | 1.90 | 550.00 |
| 4410,000 | 129.47 | 0.78 | 115.50 | -1.60 | 1.37 | 550.00 |
| 4430,000 | 128.71 | 0. | 115.50 | 0. | 1.01 | 20.00 |
| 4430,000 | 129.40 | 0.78 | 115.50 | 0. | 1.01 | 20.00 |
| * 4500,000 | 128.97 | 0. | 117.80 | 32.86 | 0.99 | 70.00 |
| * 4500,000 | 129.70 | 0.78 | 117.80 | 32.86 | 1.02 | 70.00 |

| SECNO | CWSEL | DIFWSP | ELMIN | KACHSL | KRATIO | XLCP |
|------------|--------|--------|--------|--------|--------|---------|
| 4520.000 | 128.99 | 0. | 117.80 | 0. | 1.01 | 20.00 |
| 4520.000 | 129.76 | 0.78 | 117.80 | 0. | 1.01 | 20.00 |
| 4950.000 | 129.43 | 0. | 118.30 | 1.16 | 0.85 | 430.00 |
| 4950.000 | 130.19 | 0.76 | 118.30 | 1.16 | 0.84 | 430.00 |
| 5050.000 | 129.54 | 0. | 118.50 | 2.00 | 0.85 | 100.00 |
| 5050.000 | 130.31 | 0.76 | 118.50 | 2.00 | 0.82 | 100.00 |
| * 5250.000 | 131.72 | 0. | 118.50 | 0. | 2.46 | 200.00 |
| * 5250.000 | 132.48 | 0.76 | 118.50 | 0. | 2.56 | 200.00 |
| 5300.000 | 131.60 | 0. | 117.60 | -18.00 | 0.37 | 50.00 |
| 5300.000 | 132.34 | 0.73 | 117.60 | -18.00 | 0.36 | 50.00 |
| 5350.000 | 131.74 | 0. | 117.60 | 0. | 1.07 | 50.00 |
| 5350.000 | 132.48 | 0.74 | 117.60 | 0. | 1.07 | 50.00 |
| 5700.000 | 132.13 | 0. | 119.50 | 5.43 | 2.66 | 350.00 |
| 5700.000 | 132.91 | 0.77 | 119.50 | 5.43 | 2.68 | 350.00 |
| 5720.000 | 132.14 | 0. | 119.50 | 0. | 1.01 | 20.00 |
| 5720.000 | 132.91 | 0.77 | 119.50 | 0. | 1.01 | 20.00 |
| * 5830.000 | 132.41 | 0. | 119.80 | 2.73 | 0.05 | 110.00 |
| * 5830.000 | 133.19 | 0.77 | 119.80 | 2.73 | 0.25 | 110.00 |
| 5850.000 | 132.80 | 0. | 119.80 | 0. | 1.40 | 20.00 |
| 5850.000 | 133.68 | 0.88 | 119.80 | 0. | 1.53 | 20.00 |
| 6400.000 | 133.33 | 0. | 120.30 | 0.91 | 2.66 | 550.00 |
| 6400.000 | 134.12 | 0.86 | 120.30 | 0.91 | 2.61 | 550.00 |
| 6900.000 | 133.42 | 0. | 120.40 | 0.20 | 1.87 | 500.00 |
| 6900.000 | 134.28 | 0.86 | 120.40 | 0.20 | 1.86 | 500.00 |
| 6910.000 | 133.42 | 0. | 120.40 | 0. | 1.00 | 10.00 |
| 6910.000 | 134.28 | 0.86 | 120.40 | 0. | 1.00 | 10.00 |
| * 6970.000 | 133.52 | 0. | 121.40 | 16.67 | 1.34 | 60.00 |
| * 6970.000 | 134.38 | 0.86 | 121.40 | 16.67 | 1.34 | 60.00 |
| 6980.000 | 133.52 | 0. | 121.40 | 0. | 1.00 | 10.00 |
| 6980.000 | 134.38 | 0.86 | 121.40 | 0. | 1.00 | 10.00 |
| 8250.000 | 133.62 | 0. | 121.00 | -0.31 | 0.49 | 1270.00 |
| 8250.000 | 134.47 | 0.85 | 121.00 | -0.31 | 0.50 | 1270.00 |
| 9000.000 | 133.68 | 0. | 122.50 | 2.00 | 0.42 | 750.00 |
| 9000.000 | 134.68 | 0.80 | 122.50 | 2.00 | 0.42 | 750.00 |
| 9400.000 | 133.45 | 0. | 123.70 | 3.00 | 0.27 | 400.00 |
| 9400.000 | 134.45 | 1.00 | 123.70 | 3.00 | 0.31 | 400.00 |
| 9420.000 | 134.10 | 0. | 123.70 | 0. | 1.13 | 20.00 |
| 9420.000 | 134.78 | 0.68 | 123.70 | 0. | 1.05 | 20.00 |

| SECNO | CWSEL | DIFWSP | ELMTF | K*CHSL | KRATTO | XICR |
|------------|--------|--------|--------|--------|--------|--------|
| 9610.000 | 135.80 | 0. | 123.80 | 0.53 | 1.81 | 190.00 |
| * 9610.000 | 136.52 | 0.68 | 123.80 | 0.53 | 1.81 | 190.00 |
| 9630.000 | 135.91 | 0. | 123.80 | 0. | 1.01 | 20.00 |
| 9630.000 | 136.58 | 0.67 | 123.80 | 0. | 1.01 | 20.00 |
| 9650.000 | 136.01 | 0. | 123.80 | 0. | 1.03 | 20.00 |
| 9650.000 | 136.64 | 0.64 | 123.80 | 0. | 1.01 | 20.00 |
| * 9930.000 | 136.91 | 0. | 125.00 | 4.29 | 1.51 | 280.00 |
| * 9930.000 | 137.55 | 0.64 | 125.00 | 4.29 | 1.27 | 280.00 |
| 9950.000 | 136.92 | 0. | 125.00 | 0. | 1.00 | 20.00 |
| 9950.000 | 137.56 | 0.64 | 125.00 | 0. | 1.00 | 20.00 |
| 10445.000 | 137.07 | 0. | 128.10 | 6.26 | 2.27 | 495.00 |
| 10445.000 | 137.73 | 0.66 | 128.10 | 6.26 | 2.36 | 495.00 |
| 10945.000 | 137.14 | 0. | 131.00 | 5.80 | 0.69 | 500.00 |
| 10945.000 | 137.80 | 0.66 | 131.00 | 5.80 | 0.68 | 500.00 |

100-YR 0 MEADOW 8
SUMMARY PRINTOUT

| SECNO | CWSEL | DIFWSP | DIFWSX | ELTRD | ELLC | AREA |
|------------|--------|--------|--------|-----------|--------|---------|
| 380,000 | 124.41 | 0. | 0. | 0. | 0. | 2043.54 |
| 380,000 | 125.41 | 1.00 | 0. | 0. | 0. | 1853.75 |
| * 400,000 | 123.03 | 0. | -1.3A | 0. | 0. | 274.98 |
| 400,000 | 124.03 | 1.00 | -1.3A | 0. | 0. | 323.63 |
| 700,000 | 125.91 | 0. | 2.88 | 124.70 | 121.60 | 6386.24 |
| 700,000 | 126.91 | 1.00 | 2.88 | 999999.00 | 0. | 5586.00 |
| 750,000 | 125.91 | 0. | 0.00 | 0. | 0. | 6400.13 |
| 750,000 | 126.91 | 1.00 | 0.00 | 0. | 0. | 5604.25 |
| 800,000 | 125.92 | 0. | 0.00 | 0. | 0. | 6404.37 |
| 800,000 | 126.92 | 1.00 | 0.00 | 0. | 0. | 5607.90 |
| 1500,000 | 125.96 | 0. | 0.05 | 0. | 0. | 5709.99 |
| 1500,000 | 126.96 | 0.99 | 0.04 | 0. | 0. | 5003.12 |
| 2200,000 | 126.03 | 0. | 0.07 | 0. | 0. | 5129.31 |
| 2200,000 | 127.02 | 0.98 | 0.06 | 0. | 0. | 4426.85 |
| 2750,000 | 126.10 | 0. | 0.07 | 0. | 0. | 1590.60 |
| 2750,000 | 127.04 | 0.94 | 0.03 | 0. | 0. | 1314.60 |
| 3780,000 | 127.56 | 0. | 1.4A | 0. | 0. | 1861.73 |
| 3780,000 | 128.36 | 0.30 | 1.31 | 0. | 0. | 1509.30 |
| 3860,000 | 127.72 | 0. | 0.17 | 124.40 | 124.70 | 1788.00 |
| 3860,000 | 128.52 | 0.80 | 0.17 | 999999.00 | 0. | 985.67 |
| 4410,000 | 128.60 | 0. | 0.97 | 0. | 0. | 1730.38 |
| 4410,000 | 129.47 | 0.78 | 0.95 | 0. | 0. | 1369.27 |
| 4430,000 | 128.71 | 0. | 0.02 | 0. | 0. | 1746.05 |
| 4430,000 | 129.49 | 0.78 | 0.02 | 0. | 0. | 1383.01 |
| * 4500,000 | 128.97 | 0. | 0.25 | 124.70 | 122.80 | 1657.61 |
| * 4500,000 | 129.74 | 0.78 | 0.25 | 999999.00 | 0. | 1403.04 |
| 4520,000 | 128.99 | 0. | 0.02 | 0. | 0. | 1666.83 |
| 4520,000 | 129.76 | 0.78 | 0.02 | 0. | 0. | 1409.39 |
| 4950,000 | 129.43 | 0. | 0.45 | 0. | 0. | 1513.77 |
| 4950,000 | 130.19 | 0.76 | 0.43 | 0. | 0. | 1299.69 |
| 5050,000 | 129.54 | 0. | 0.11 | 0. | 0. | 1239.03 |
| 5050,000 | 130.31 | 0.76 | 0.11 | 0. | 0. | 1078.34 |
| * 5250,000 | 131.72 | 0. | 2.17 | 130.50 | 125.60 | 3175.25 |
| * 5250,000 | 132.4A | 0.76 | 2.17 | 999999.00 | 0. | 2525.02 |
| 5300,000 | 131.60 | 0. | -0.11 | 0. | 0. | 1281.50 |
| 5300,000 | 132.34 | 0.73 | -0.10 | 0. | 0. | 1021.83 |

| SECNO | CWSEL | DIFWSP | DIFW8X | ELTRD | ELLC | AREA |
|------------|--------|--------|--------|-----------|--------|---------|
| 5350.000 | 132.74 | 0. | 0.10 | 0. | 0. | 1362.44 |
| 5350.000 | 132.48 | 0.74 | 0.14 | 0. | 0. | 1091.51 |
| 5700.000 | 132.13 | 0. | 0.39 | 0. | 0. | 3210.40 |
| 5700.000 | 132.91 | 0.77 | 0.43 | 0. | 0. | 2604.77 |
| 5720.000 | 132.14 | 0. | 0.01 | 0. | 0. | 3225.76 |
| 5720.000 | 132.91 | 0.77 | 0.01 | 0. | 0. | 2623.15 |
| * 5830.000 | 132.41 | 0. | 0.28 | 131.50 | 128.20 | 1192.20 |
| * 5830.000 | 133.14 | 0.77 | 0.28 | 999999.00 | 0. | 694.03 |
| 5850.000 | 132.60 | 0. | 0.39 | 0. | 0. | 1883.94 |
| 5850.000 | 133.66 | 0.86 | 0.48 | 0. | 0. | 1219.14 |
| 6400.000 | 133.33 | 0. | 0.53 | 0. | 0. | 3025.56 |
| 6400.000 | 134.19 | 0.86 | 0.52 | 0. | 0. | 2564.20 |
| 6900.000 | 133.42 | 0. | 0.09 | 0. | 0. | 5406.05 |
| 6900.000 | 134.28 | 0.86 | 0.09 | 0. | 0. | 4770.23 |
| 6910.000 | 133.42 | 0. | 0.00 | 0. | 0. | 5811.06 |
| 6910.000 | 134.28 | 0.86 | 0.00 | 0. | 0. | 4781.04 |
| * 6970.000 | 133.52 | 0. | 0.10 | 130.50 | 125.00 | 7325.32 |
| * 6970.000 | 134.38 | 0.86 | 0.10 | 999999.00 | 0. | 6383.67 |
| 6980.000 | 133.52 | 0. | 0.00 | 0. | 0. | 7319.35 |
| 6980.000 | 134.38 | 0.86 | 0.00 | 0. | 0. | 6373.09 |
| 8250.000 | 133.62 | 0. | 0.10 | 0. | 0. | 5435.73 |
| 8250.000 | 134.47 | 0.85 | 0.09 | 0. | 0. | 4920.57 |
| 9000.000 | 133.88 | 0. | 0.26 | 0. | 0. | 2320.19 |
| 9000.000 | 134.68 | 0.80 | 0.21 | 0. | 0. | 1943.88 |
| 9400.000 | 133.45 | 0. | -0.43 | 0. | 0. | 292.40 |
| 9400.000 | 134.45 | 1.00 | -0.23 | 0. | 0. | 335.10 |
| 9420.000 | 134.10 | 0. | 0.65 | 0. | 0. | 319.70 |
| 9420.000 | 134.78 | 0.68 | 0.34 | 0. | 0. | 349.41 |
| * 9610.000 | 135.84 | 0. | 1.74 | 135.60 | 134.00 | 570.38 |
| * 9610.000 | 136.52 | 0.68 | 1.74 | 999999.00 | 0. | 610.87 |
| 9630.000 | 135.91 | 0. | 0.07 | 0. | 0. | 562.17 |
| 9630.000 | 136.58 | 0.67 | 0.06 | 0. | 0. | 615.03 |
| 9650.000 | 136.01 | 0. | 0.09 | 0. | 0. | 589.97 |
| 9650.000 | 136.64 | 0.64 | 0.06 | 0. | 0. | 620.76 |
| * 9930.000 | 136.91 | 0. | 0.90 | 136.30 | 134.20 | 1148.96 |
| * 9930.000 | 137.55 | 0.64 | 0.90 | 999999.00 | 0. | 1019.97 |
| 9950.000 | 136.92 | 0. | 0.01 | 0. | 0. | 1152.91 |
| 9950.000 | 137.56 | 0.64 | 0.01 | 0. | 0. | 1022.69 |

2

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| SECNO | CWSEL | DIFWSP | DIFWSX | ELTRD | ELLC | AREA |
|-----------|--------|--------|--------|-------|------|---------|
| 10445.000 | 137.07 | 0. | 0.15 | 0. | 0. | 3294.61 |
| 10445.000 | 137.73 | 0.66 | 0.17 | 0. | 0. | 2533.52 |
| 10945.000 | 137.14 | 0. | 0.06 | 0. | 0. | 2611.70 |
| 10945.000 | 137.80 | 0.66 | 0.07 | 0. | 0. | 2382.12 |

100-YR50 MEADOW B
SUMMARY PRINTOUT

| SECNO | CWSEL | Q | QLOB | VLOB | QCH | VCH | QROB | VR0B | DEPTH |
|------------|--------|---------|---------|------|---------|-------|---------|------|-------|
| 380.000 | 124.41 | 3750.00 | 1020.08 | 1.38 | 893.28 | 2.61 | 1836.60 | 1.91 | 10.61 |
| 380.000 | 125.41 | 3750.00 | 962.90 | 1.70 | 1028.70 | 2.63 | 1758.40 | 1.96 | 11.61 |
| * 400.000 | 123.03 | 3750.00 | 0. | 0. | 3750.00 | 13.84 | 0. | 0. | 9.23 |
| 400.000 | 124.03 | 3750.00 | 0. | 0. | 3750.00 | 11.59 | 0. | 0. | 10.23 |
| 700.000 | 125.91 | 3750.00 | 1539.05 | 0.58 | 388.93 | 1.02 | 1822.03 | 0.55 | 11.91 |
| 700.000 | 126.91 | 3750.00 | 1457.01 | 0.67 | 423.63 | 1.01 | 1869.36 | 0.62 | 12.91 |
| 750.000 | 125.91 | 3750.00 | 1539.14 | 0.57 | 388.30 | 1.02 | 1822.56 | 0.55 | 11.91 |
| 750.000 | 126.91 | 3750.00 | 1458.09 | 0.67 | 422.48 | 1.01 | 1869.42 | 0.62 | 12.91 |
| 800.000 | 125.92 | 3750.00 | 1539.17 | 0.57 | 388.10 | 1.02 | 1822.73 | 0.55 | 11.92 |
| 800.000 | 126.92 | 3750.00 | 1458.17 | 0.67 | 422.29 | 1.01 | 1869.54 | 0.62 | 12.92 |
| 1500.000 | 125.96 | 3750.00 | 1534.82 | 0.64 | 420.70 | 1.16 | 1794.48 | 0.60 | 11.46 |
| 1500.000 | 126.96 | 3750.00 | 1459.49 | 0.75 | 457.02 | 1.14 | 1833.49 | 0.69 | 12.46 |
| 2200.000 | 126.03 | 3750.00 | 1530.93 | 0.72 | 458.28 | 1.32 | 1760.70 | 0.66 | 11.03 |
| 2200.000 | 127.02 | 3750.00 | 1438.01 | 0.84 | 502.02 | 1.31 | 1809.96 | 0.78 | 12.02 |
| 2750.000 | 126.10 | 3750.00 | 1139.84 | 1.71 | 1344.99 | 4.38 | 1265.17 | 2.06 | 10.60 |
| 2750.000 | 127.04 | 3750.00 | 1108.77 | 2.08 | 1514.68 | 4.36 | 1126.55 | 2.59 | 11.54 |
| 3780.000 | 127.56 | 3750.00 | 1550.51 | 1.47 | 1389.12 | 3.81 | 810.37 | 1.84 | 12.76 |
| 3780.000 | 128.36 | 3750.00 | 1704.15 | 1.93 | 1569.67 | 3.93 | 436.18 | 2.14 | 13.56 |
| 3860.000 | 127.72 | 3750.00 | 2067.57 | 1.71 | 965.27 | 3.78 | 717.16 | 2.22 | 11.32 |
| 3860.000 | 128.52 | 3750.00 | 1919.97 | 3.07 | 1627.23 | 5.67 | 202.79 | 2.75 | 12.12 |
| 4410.000 | 128.69 | 3470.00 | 2090.27 | 1.77 | 1075.42 | 3.65 | 304.31 | 1.20 | 13.19 |
| 4410.000 | 129.47 | 3470.00 | 2334.93 | 2.22 | 1135.07 | 3.57 | 0. | 0. | 13.97 |
| 4430.000 | 128.71 | 3470.00 | 2093.33 | 1.76 | 1068.63 | 3.62 | 308.00 | 1.19 | 13.21 |
| 4430.000 | 129.49 | 3470.00 | 2343.38 | 2.20 | 1126.62 | 3.54 | 0. | 0. | 13.99 |
| * 4500.000 | 128.97 | 3470.00 | 1942.04 | 1.80 | 1086.30 | 3.59 | 441.64 | 1.60 | 11.17 |
| * 4500.000 | 129.74 | 3470.00 | 2131.47 | 2.11 | 1228.97 | 3.73 | 109.55 | 1.80 | 11.90 |
| 4520.000 | 128.99 | 3470.00 | 1944.60 | 1.79 | 1082.43 | 3.57 | 432.98 | 1.60 | 11.19 |
| 4520.000 | 129.76 | 3470.00 | 2133.51 | 2.10 | 1225.13 | 3.71 | 111.36 | 1.80 | 11.96 |
| 4950.000 | 129.43 | 3470.00 | 1788.31 | 2.04 | 1119.44 | 3.68 | 562.25 | 1.62 | 11.13 |
| 4950.000 | 130.19 | 3470.00 | 1880.43 | 2.24 | 1282.72 | 4.07 | 306.85 | 2.14 | 11.89 |
| 5050.000 | 129.54 | 3470.00 | 2026.04 | 2.38 | 1297.42 | 4.55 | 146.50 | 1.42 | 11.00 |
| 5050.000 | 130.31 | 3470.00 | 2037.90 | 2.66 | 1432.10 | 4.59 | 0. | 0. | 11.81 |
| * 5250.000 | 131.72 | 3470.00 | 2088.62 | 1.11 | 781.25 | 2.16 | 599.93 | 0.64 | 13.22 |
| * 5250.000 | 132.48 | 3470.00 | 2186.19 | 1.32 | 862.19 | 2.22 | 421.62 | 0.87 | 13.98 |
| 5300.000 | 131.60 | 3470.00 | 539.04 | 1.94 | 1814.95 | 5.07 | 1116.01 | 1.73 | 14.00 |
| 5300.000 | 132.34 | 3470.00 | 162.75 | 2.43 | 2041.07 | 5.24 | 1266.19 | 2.24 | 14.74 |

| SECNO | CHSEL | Q | QLOB | VLOB | QCH | VCH | QROB | VROB | DEPTH |
|------------|--------|---------|---------|------|---------|-------|---------|------|-------|
| 5350.000 | 131.74 | 3470.00 | 556.43 | 1.86 | 1738.42 | 4.78 | 1175.15 | 1.68 | 14.14 |
| 5350.000 | 132.48 | 3470.00 | 185.64 | 2.35 | 1957.95 | 4.94 | 1326.41 | 2.15 | 14.88 |
| 5700.000 | 132.13 | 3470.00 | 2530.58 | 1.11 | 617.84 | 1.74 | 321.58 | 0.56 | 12.63 |
| 5700.000 | 132.91 | 3470.00 | 2709.78 | 1.28 | 710.65 | 1.82 | 49.57 | 0.49 | 13.41 |
| 5720.000 | 132.14 | 3470.00 | 2529.62 | 1.10 | 616.21 | 1.73 | 324.17 | 0.56 | 12.64 |
| 5720.000 | 132.91 | 3470.00 | 2705.44 | 1.28 | 707.38 | 1.81 | 57.19 | 0.51 | 13.41 |
| * 5830.000 | 132.41 | 3470.00 | 497.89 | 1.33 | 2278.48 | 6.95 | 693.63 | 1.42 | 12.61 |
| * 5830.000 | 133.19 | 3470.00 | 0. | 0. | 2581.22 | 7.17 | 888.78 | 2.66 | 13.39 |
| 5850.000 | 132.80 | 3470.00 | 709.51 | 1.19 | 1715.60 | 4.98 | 1044.89 | 1.11 | 13.00 |
| 5850.000 | 133.65 | 3470.00 | 216.75 | 1.79 | 1896.06 | 4.99 | 1357.19 | 1.89 | 13.86 |
| 6400.000 | 133.33 | 3470.00 | 861.06 | 0.95 | 660.37 | 2.08 | 1948.57 | 1.08 | 13.03 |
| 6400.000 | 134.19 | 3470.00 | 704.65 | 1.20 | 728.10 | 2.10 | 2037.25 | 1.25 | 13.89 |
| 6900.000 | 133.42 | 3470.00 | 1707.97 | 0.60 | 667.93 | 1.19 | 1094.09 | 0.46 | 13.02 |
| 6900.000 | 134.28 | 3470.00 | 1679.91 | 0.74 | 731.93 | 1.21 | 1058.16 | 0.56 | 13.88 |
| 6910.000 | 133.42 | 3470.00 | 1707.93 | 0.59 | 667.50 | 1.19 | 1094.57 | 0.46 | 13.02 |
| 6910.000 | 134.28 | 3470.00 | 1679.75 | 0.74 | 730.72 | 1.20 | 1059.53 | 0.56 | 13.88 |
| * 6970.000 | 133.52 | 3470.00 | 1769.20 | 0.50 | 344.93 | 0.83 | 1355.86 | 0.41 | 12.12 |
| * 6970.000 | 134.38 | 3470.00 | 1731.18 | 0.57 | 381.55 | 0.84 | 1357.27 | 0.47 | 12.98 |
| 6980.000 | 133.52 | 3470.00 | 1769.39 | 0.50 | 345.14 | 0.83 | 1355.46 | 0.41 | 12.12 |
| 6980.000 | 134.38 | 3470.00 | 1731.19 | 0.57 | 382.05 | 0.84 | 1356.76 | 0.47 | 12.98 |
| 8250.000 | 133.62 | 3470.00 | 757.88 | 0.73 | 377.10 | 1.35 | 2335.03 | 0.57 | 12.62 |
| 8250.000 | 134.47 | 3470.00 | 170.99 | 0.71 | 415.12 | 1.32 | 2883.88 | 0.66 | 13.47 |
| 9000.000 | 133.88 | 3470.00 | 897.02 | 1.70 | 601.97 | 2.89 | 1971.02 | 1.24 | 11.38 |
| 9000.000 | 134.68 | 3470.00 | 174.92 | 1.46 | 677.00 | 2.87 | 2618.07 | 1.65 | 12.18 |
| 9400.000 | 133.45 | 3470.00 | 0. | 0. | 3470.00 | 11.87 | 0. | 0. | 9.75 |
| 9400.000 | 134.45 | 3470.00 | 0. | 0. | 3470.00 | 10.35 | 0. | 0. | 10.75 |
| 9420.000 | 134.10 | 3470.00 | 0. | 0. | 3470.00 | 10.85 | 0. | 0. | 10.40 |
| 9420.000 | 134.78 | 3470.00 | 0. | 0. | 3470.00 | 9.93 | 0. | 0. | 11.08 |
| * 9610.000 | 135.84 | 3470.00 | 0. | 0. | 3456.20 | 6.21 | 13.80 | 0.98 | 12.04 |
| * 9610.000 | 136.52 | 3470.00 | 0. | 0. | 3470.00 | 5.68 | 0. | 0. | 12.72 |
| 9630.000 | 135.91 | 3470.00 | 0. | 0. | 3470.00 | 6.17 | 0. | 0. | 12.11 |
| 9630.000 | 136.58 | 3470.00 | 0. | 0. | 3470.00 | 5.64 | 0. | 0. | 12.78 |
| 9650.000 | 136.01 | 3470.00 | 0. | 0. | 3448.48 | 6.05 | 21.52 | 1.06 | 12.21 |
| 9650.000 | 136.64 | 3470.00 | 0. | 0. | 3470.00 | 5.59 | 0. | 0. | 12.84 |
| * 9930.000 | 136.91 | 2050.00 | 0. | 0. | 1018.72 | 2.52 | 1031.28 | 1.38 | 11.91 |
| * 9930.000 | 137.55 | 2050.00 | 893.04 | 1.53 | 1156.96 | 2.66 | 0. | 0. | 12.55 |
| 9950.000 | 136.92 | 2050.00 | 0. | 0. | 1016.77 | 2.52 | 1033.23 | 1.38 | 11.92 |
| 9950.000 | 137.56 | 2050.00 | 894.74 | 1.52 | 1155.26 | 2.65 | 0. | 0. | 12.56 |

| SECNO | CWSEL | Q | QLOB | VLOB | QCH | VCH | QROR | VROR | DEPTH |
|-----------|--------|---------|---------|------|--------|------|--------|------|-------|
| 10445.000 | 137.07 | 2050.00 | 1459.53 | 0.64 | 385.22 | 0.75 | 205.25 | 0.42 | 8.97 |
| 10445.000 | 137.73 | 2050.00 | 1557.29 | 0.80 | 492.71 | 0.82 | 0. | 0. | 9.63 |
| 10945.000 | 137.14 | 2050.00 | 1465.11 | 0.77 | 254.58 | 0.90 | 330.31 | 0.80 | 6.14 |
| 10945.000 | 137.80 | 2050.00 | 1700.27 | 0.83 | 349.73 | 1.02 | 0. | 0. | 6.80 |

100-YR 30 MEADOW B
SUMMARY PRINTOUT

| SECNO | CWBEL | DIFWSP | VOL | K*XL | K*YNCH | K*XNR | TOPWD | 8STA | ENDST | .01K |
|------------|--------|--------|--------|-------|--------|-------|---------|--------|---------|---------|
| 380.000 | 124.41 | 0. | 0. | 60.00 | 50.00 | 60.00 | 538.95 | 411.05 | 950.00 | 1457.40 |
| 380.000 | 125.41 | 1.00 | 0. | 60.00 | 50.00 | 60.00 | 301.72 | 604.30 | 906.02 | 1582.26 |
| * 400.000 | 123.03 | 0. | 0.53 | 60.00 | 50.00 | 60.00 | 47.53 | 717.47 | 765.00 | 247.91 |
| 400.000 | 124.03 | 1.00 | 0.50 | 60.00 | 50.00 | 60.00 | 48.62 | 716.39 | 765.00 | 306.22 |
| 700.000 | 125.91 | 0. | 23.47 | 60.00 | 50.00 | 60.00 | 1434.47 | 69.53 | 1500.00 | 4770.41 |
| 700.000 | 126.91 | 1.00 | 20.85 | 60.00 | 50.00 | 60.00 | 806.25 | 384.60 | 1190.84 | 5119.26 |
| 750.000 | 125.91 | 0. | 30.81 | 60.00 | 50.00 | 60.00 | 1434.60 | 65.40 | 1500.00 | 4785.61 |
| 750.000 | 126.91 | 1.00 | 27.27 | 60.00 | 50.00 | 60.00 | 809.09 | 383.39 | 1192.48 | 5134.93 |
| 800.000 | 125.92 | 0. | 38.16 | 60.00 | 50.00 | 60.00 | 1434.53 | 65.37 | 1500.00 | 4790.30 |
| 800.000 | 126.92 | 1.00 | 33.71 | 60.00 | 50.00 | 60.00 | 809.35 | 383.28 | 1192.63 | 5139.38 |
| 1500.000 | 125.96 | 0. | 135.82 | 60.00 | 50.00 | 60.00 | 1428.76 | 71.24 | 1500.00 | 4096.90 |
| 1500.000 | 126.96 | 0.99 | 118.97 | 60.00 | 50.00 | 60.00 | 766.07 | 398.13 | 1164.20 | 4428.90 |
| 2200.000 | 126.03 | 0. | 223.23 | 60.00 | 50.00 | 60.00 | 1423.16 | 76.84 | 1500.00 | 3487.60 |
| 2200.000 | 127.02 | 0.98 | 194.73 | 60.00 | 50.00 | 60.00 | 720.55 | 414.92 | 1135.48 | 3759.02 |
| 2750.000 | 126.10 | 0. | 265.65 | 60.00 | 50.00 | 60.00 | 695.29 | 185.76 | 881.05 | 887.09 |
| 2750.000 | 127.04 | 0.94 | 230.98 | 60.00 | 50.00 | 60.00 | 300.24 | 362.27 | 662.52 | 965.82 |
| 3780.000 | 127.56 | 0. | 306.47 | 60.00 | 50.00 | 60.00 | 754.45 | 262.49 | 1016.94 | 1134.17 |
| 3780.000 | 128.36 | 0.80 | 264.37 | 60.00 | 50.00 | 60.00 | 324.32 | 541.61 | 865.94 | 1167.15 |
| 3860.000 | 127.72 | 0. | 309.82 | 60.00 | 50.00 | 60.00 | 688.43 | 205.20 | 893.64 | 585.11 |
| 3860.000 | 128.52 | 0.80 | 266.66 | 60.00 | 50.00 | 60.00 | 177.28 | 600.76 | 778.04 | 825.94 |
| 4410.000 | 128.69 | 0. | 332.03 | 60.00 | 50.00 | 60.00 | 574.92 | 138.81 | 713.73 | 1134.86 |
| 4410.000 | 129.47 | 0.78 | 281.53 | 60.00 | 50.00 | 60.00 | 237.89 | 326.11 | 564.00 | 1129.70 |
| 4430.000 | 128.71 | 0. | 332.83 | 60.00 | 50.00 | 60.00 | 577.10 | 137.18 | 714.27 | 1147.36 |
| 4430.000 | 129.49 | 0.78 | 282.16 | 60.00 | 50.00 | 60.00 | 240.43 | 323.57 | 564.00 | 1140.63 |
| * 4500.000 | 128.97 | 0. | 335.57 | 60.00 | 50.00 | 60.00 | 502.29 | 169.45 | 671.73 | 1136.83 |
| * 4500.000 | 129.74 | 0.78 | 284.40 | 60.00 | 50.00 | 60.00 | 252.37 | 326.28 | 578.65 | 1160.09 |
| 4520.000 | 128.99 | 0. | 336.33 | 60.00 | 50.00 | 60.00 | 503.96 | 167.92 | 671.83 | 1144.94 |
| 4520.000 | 129.76 | 0.78 | 285.04 | 60.00 | 50.00 | 60.00 | 252.92 | 325.90 | 578.82 | 1166.70 |
| 4950.000 | 129.43 | 0. | 352.03 | 60.00 | 50.00 | 60.00 | 495.24 | 474.06 | 1022.26 | 972.58 |
| 4950.000 | 130.19 | 0.76 | 298.41 | 60.00 | 50.00 | 60.00 | 356.71 | 543.98 | 900.68 | 983.41 |
| 5050.000 | 129.54 | 0. | 355.19 | 60.00 | 50.00 | 60.00 | 457.39 | 437.91 | 1234.34 | 823.87 |
| 5050.000 | 130.31 | 0.76 | 301.14 | 60.00 | 50.00 | 60.00 | 314.96 | 552.04 | 867.00 | 807.66 |
| * 5250.000 | 131.72 | 0. | 365.32 | 60.00 | 50.00 | 60.00 | 1451.51 | 0. | 1451.51 | 2028.32 |
| * 5250.000 | 132.48 | 0.76 | 309.41 | 60.00 | 50.00 | 60.00 | 538.08 | 513.22 | 1051.30 | 2069.88 |
| 5300.000 | 131.60 | 0. | 367.88 | 60.00 | 50.00 | 60.00 | 545.07 | 326.16 | 925.82 | 747.07 |
| 5300.000 | 132.34 | 0.73 | 311.45 | 60.00 | 50.00 | 60.00 | 279.39 | 465.11 | 744.51 | 752.64 |

| SECNO | CHSEL | DIFWSP | VOL | K*XNL | K*YNCH | K*XNR | TOPWTD | SATA | ENDST | .01K |
|------------|--------|--------|--------|-------|--------|-------|---------|--------|---------|---------|
| 5350.000 | 131.74 | 0. | 369.40 | 60.00 | 50.00 | 60.00 | 607.67 | 319.96 | 931.34 | 798.41 |
| 5350.000 | 132.48 | 0.74 | 312.66 | 60.00 | 50.00 | 60.00 | 290.21 | 462.90 | 753.12 | 805.22 |
| 5700.000 | 132.13 | 0. | 387.77 | 60.00 | 50.00 | 60.00 | 1037.77 | 130.74 | 1199.90 | 2120.63 |
| 5700.000 | 132.91 | 0.77 | 327.51 | 60.00 | 50.00 | 60.00 | 487.11 | 367.86 | 854.97 | 2161.82 |
| 5720.000 | 132.14 | 0. | 389.25 | 60.00 | 50.00 | 60.00 | 1040.79 | 129.71 | 1201.28 | 2133.02 |
| 5720.000 | 132.91 | 0.77 | 328.71 | 60.00 | 50.00 | 60.00 | 491.83 | 366.60 | 858.43 | 2173.61 |
| * 5830.000 | 132.41 | 0. | 394.82 | 60.00 | 50.00 | 60.00 | 1456.43 | 200.55 | 1656.98 | 532.94 |
| * 5830.000 | 133.19 | 0.77 | 332.90 | 60.00 | 50.00 | 60.00 | 196.23 | 730.00 | 926.23 | 535.86 |
| 5850.000 | 132.80 | 0. | 395.53 | 60.00 | 50.00 | 60.00 | 1844.61 | 150.39 | 2000.00 | 768.77 |
| 5850.000 | 133.66 | 0.86 | 333.34 | 60.00 | 50.00 | 60.00 | 388.33 | 677.80 | 1066.13 | 820.04 |
| 6400.000 | 133.33 | 0. | 426.52 | 60.00 | 50.00 | 60.00 | 895.87 | 334.13 | 1230.00 | 2047.51 |
| 6400.000 | 134.10 | 0.86 | 357.23 | 60.00 | 50.00 | 60.00 | 423.57 | 622.91 | 1056.48 | 2143.41 |
| 6900.000 | 133.42 | 0. | 477.21 | 60.00 | 50.00 | 60.00 | 1909.51 | 74.56 | 1984.07 | 3828.27 |
| 6900.000 | 134.28 | 0.86 | 399.32 | 60.00 | 50.00 | 60.00 | 858.23 | 621.44 | 1479.67 | 3994.36 |
| 6910.000 | 133.42 | 0. | 478.54 | 60.00 | 50.00 | 60.00 | 1910.11 | 74.31 | 1984.42 | 3832.39 |
| 6910.000 | 134.28 | 0.86 | 400.42 | 60.00 | 50.00 | 60.00 | 859.46 | 620.83 | 1480.29 | 4004.80 |
| * 6970.000 | 133.52 | 0. | 487.59 | 60.00 | 50.00 | 60.00 | 1771.33 | 398.67 | 2170.00 | 5141.52 |
| * 6970.000 | 134.38 | 0.86 | 408.10 | 60.00 | 50.00 | 60.00 | 1083.35 | 703.82 | 1787.17 | 5367.62 |
| 6980.000 | 133.52 | 0. | 489.27 | 60.00 | 50.00 | 60.00 | 1771.23 | 398.77 | 2170.00 | 5135.29 |
| 6980.000 | 134.38 | 0.86 | 409.57 | 60.00 | 50.00 | 60.00 | 1080.86 | 704.92 | 1785.79 | 5360.82 |
| 8250.000 | 133.62 | 0. | 675.21 | 60.00 | 50.00 | 60.00 | 2544.20 | 313.96 | 2892.26 | 2513.46 |
| 8250.000 | 134.47 | 0.85 | 574.20 | 60.00 | 50.00 | 60.00 | 1666.45 | 664.30 | 2339.26 | 2698.23 |
| 9000.000 | 133.88 | 0. | 741.98 | 50.00 | 50.00 | 50.00 | 1781.40 | 383.23 | 2491.19 | 1054.90 |
| 9000.000 | 134.68 | 0.80 | 633.30 | 50.00 | 50.00 | 50.00 | 903.70 | 603.24 | 1549.94 | 1123.02 |
| 9400.000 | 133.45 | 0. | 753.98 | 50.00 | 50.00 | 50.00 | 41.40 | 180.72 | 222.16 | 287.52 |
| 9400.000 | 134.45 | 1.00 | 643.76 | 50.00 | 50.00 | 50.00 | 43.28 | 179.72 | 223.00 | 347.05 |
| 9420.000 | 134.10 | 0. | 754.12 | 50.00 | 50.00 | 50.00 | 42.92 | 180.08 | 223.00 | 324.93 |
| 9420.000 | 134.78 | 0.68 | 643.92 | 50.00 | 50.00 | 50.00 | 43.60 | 179.40 | 223.00 | 368.32 |
| 9610.000 | 135.84 | 0. | 756.06 | 50.00 | 50.00 | 50.00 | 113.50 | 860.00 | 973.58 | 588.29 |
| * 9610.000 | 136.52 | 0.68 | 646.01 | 50.00 | 50.00 | 50.00 | 80.00 | 860.00 | 940.00 | 665.54 |
| 9630.000 | 135.91 | 0. | 756.32 | 50.00 | 50.00 | 50.00 | 80.00 | 860.00 | 940.00 | 596.14 |
| 9630.000 | 136.58 | 0.67 | 646.29 | 50.00 | 50.00 | 50.00 | 80.00 | 860.00 | 940.00 | 673.09 |
| 9650.000 | 136.01 | 0. | 756.58 | 50.00 | 50.00 | 50.00 | 120.20 | 860.00 | 980.24 | 613.22 |
| 9650.000 | 136.64 | 0.64 | 646.58 | 50.00 | 50.00 | 50.00 | 80.00 | 860.00 | 940.00 | 682.31 |
| * 9930.000 | 136.91 | 0. | 762.17 | 50.00 | 50.00 | 50.00 | 383.63 | 725.00 | 1108.63 | 923.71 |
| * 9930.000 | 137.55 | 0.64 | 651.85 | 50.00 | 50.00 | 50.00 | 258.02 | 487.74 | 775.00 | 868.47 |
| 9950.000 | 136.92 | 0. | 762.70 | 50.00 | 50.00 | 50.00 | 384.35 | 725.00 | 1109.35 | 927.39 |
| 9950.000 | 137.56 | 0.64 | 652.32 | 50.00 | 50.00 | 50.00 | 258.52 | 487.43 | 775.00 | 870.74 |

| SECNO | CWBEL | DIFNSP | VOL | K*XL | K*YNGH | K*XNR | TOPWID | SSTA | ENDST | .01K |
|-----------|--------|--------|--------|-------|--------|-------|---------|--------|---------|---------|
| 10445.000 | 137.07 | 0. | 787.97 | 50.00 | 50.00 | 50.00 | 1292.65 | 0. | 1317.84 | 2101.88 |
| 10445.000 | 137.73 | 0.66 | 672.53 | 50.00 | 50.00 | 50.00 | 568.91 | 401.09 | 970.00 | 2059.08 |
| 10945.000 | 137.14 | 0. | 821.87 | 50.00 | 50.00 | 50.00 | 1562.60 | 225.10 | 1950.68 | 1448.29 |
| 10945.000 | 137.80 | 0.66 | 700.74 | 50.00 | 50.00 | 50.00 | 996.02 | 740.81 | 1775.00 | 1409.16 |

SUMMARY OF ERRORS

- CAUTION SECNO= 400.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 400.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY.
- CAUTION SECNO= 400.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 4500.000 PROFILE= 1 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 4500.000 PROFILE= 2 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 5250.000 PROFILE= 1 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 5250.000 PROFILE= 2 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 5830.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 5830.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 5830.000 PROFILE= 1 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 5830.000 PROFILE= 2 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 6970.000 PROFILE= 1 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 6970.000 PROFILE= 2 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 9610.000 PROFILE= 2 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 9930.000 PROFILE= 1 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 9930.000 PROFILE= 2 HYDRAULIC JUMP D.S.

 HEC2 RELEASE DATE NOV 76 UPDATED AUG 1977

ERROR CORR - 0150
 MODIFICATION - 50,51,52,53

Original F/w Computations

T1 LUMBERTON N C
 T2 FLOOD INSURANCE STUDY
 T3 100-YR @ MEADOW BRANCH

J1 TCHECK INQ MINV IDIR STRT SYMETRIC HVINS Q WSEL EQ
 0. 4. 0. 0. 0. 0. 0. 0. 0. 125.100 0.

J2 NPROF IPLOT PREVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE
 1.000 0. -1.000 5.000 500.000 0. 0. 0. 0. 0.

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

38.000 1.000 50.000 51.000 42.000 39.000 0. 38.000 21.000 22.000

53.000 54.000 4.000 0. 32.000 1.000 58.000 33.000 50.000 40.000

41.000 25.000 0. 38.000 1.000 13.000 13.000 55.000 14.000 26.000

15.000 56.000 8.000 35.000 60.000 59.000 0. 38.000 1.000 7.000

16.000 17.000 18.000 34.000 21.000 22.000 53.000 54.000 4.000 0.

J5 LPRNT NUMSEC *****REQUESTED SECTION NUMBERS*****

-10.000 -10.000 0. 0. 0. 0. 0. 0. 0. 0. 0.

MC 2.050 3.060 0.350 0.100 0.300 0. 0. 0. 0. 0.
 QT 5.000 2700.000 3600.000 4100.000 6400.000 4100.000 0. 0. 0. 0.
 ET 0. 0. 0. 0. 0. 0. 7.100 650.000 1060.000 0. 0.

X1 9.000 10.000 751.000 765.000 0. 0. 0. 0. 0. 0.
 GR 124.200 0. 124.000 150.000 124.000 320.000 120.000 440.000 119.100 700.000
 GR 120.000 712.000 124.400 716.000 121.600 719.000 120.000 731.000 114.500 741.000
 GR 113.800 750.000 114.900 759.000 120.700 765.000 118.300 800.000 120.000 960.000
 GR 122.000 1340.000 124.800 1440.000 126.000 1500.000 127.700 1650.000 0. 0.
 ET 0. 0. 0. 0. 0. 0. 7.100 600.000 950.000 0. 0.

X1 10.700 17.000 630.000 665.000 270.000 270.000 270.000 0. 0. 0.
 GR 130.000 0. 128.000 70.000 126.000 100.000 124.000 110.000 124.000 575.000
 GR 122.000 630.000 120.000 635.000 115.000 640.000 114.200 650.000 115.400 660.000
 GR 121.000 665.000 120.000 720.000 120.700 900.000 122.000 1110.000 124.000 1250.000
 GR 126.000 1320.000 127.700 1470.000 0. 0. 0. 0. 0. 0.
 ET 0. 0. 0. 0. 0. 0. 7.100 480.000 830.000 0. 0.

X1 13.300 13.000 530.000 565.000 260.000 260.000 260.000 0. 0. 0.
 GR 130.000 0. 124.000 40.000 124.000 490.000 122.000 520.000 120.000 530.000
 GR 115.100 540.000 114.400 550.000 115.500 560.000 121.000 565.000 122.000 700.000
 GR 124.000 930.000 126.000 1030.000 124.000 1070.000 0. 0. 0. 0.

| | | | | | | | | | | |
|----|---------|----------|----------|----------|----------|----------|---------|----------|---------|----------|
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 600.000 | 950.000 | 0. | 0. |
| X1 | 18.300 | 15.000 | 730.000 | 765.000 | 500.000 | 500.000 | 500.000 | 0. | 0. | 0. |
| GR | 50.000 | 0. | 128.000 | 220.000 | 126.000 | 470.000 | 124.000 | 490.000 | 122.000 | 570.000 |
| GR | 120.000 | 730.000 | 115.500 | 740.000 | 114.700 | 750.000 | 115.900 | 760.000 | 121.600 | 765.000 |
| GR | 120.000 | 770.000 | 122.000 | 970.000 | 124.000 | 1130.000 | 126.000 | 1190.000 | 128.000 | 1250.000 |
| ET | 0. | 0. | 0. | 0. | 0. | 10.400 | 0. | 0. | 0. | 0. |
| X1 | 27.500 | 13.000 | 526.000 | 568.000 | 920.000 | 920.000 | 920.000 | 0. | 0. | 0. |
| GR | 131.000 | 0. | 124.000 | 265.000 | 123.700 | 526.000 | 122.800 | 532.000 | 117.000 | 540.000 |
| GR | 115.500 | 550.000 | 114.900 | 560.000 | 124.500 | 568.000 | 121.500 | 600.000 | 124.000 | 720.000 |
| GR | 125.000 | 740.000 | 126.000 | 800.000 | 130.000 | 925.000 | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 380.000 | 655.000 | 0. | 0. |
| QT | 5.000 | 2460.000 | 3350.000 | 3750.000 | 5760.000 | 3750.000 | 0. | 0. | 0. | 0. |
| X1 | 30.000 | 0. | 0. | 0. | 250.000 | 250.000 | 250.000 | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 600.000 | 890.000 | 0. | 0. |
| X1 | 37.000 | 16.000 | 780.000 | 823.000 | 700.000 | 700.000 | 700.000 | 0. | 0. | 0. |
| GR | 131.000 | 0. | 128.000 | 214.000 | 126.000 | 430.000 | 124.000 | 750.000 | 123.800 | 780.000 |
| GR | 117.900 | 790.000 | 114.800 | 800.000 | 117.800 | 810.000 | 126.000 | 823.000 | 125.700 | 834.000 |
| GR | 122.400 | 842.000 | 122.200 | 650.000 | 123.900 | 900.000 | 126.000 | 920.000 | 128.000 | 1045.000 |
| GR | 130.000 | 1070.000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 600.000 | 890.000 | 0. | 0. |
| X1 | 37.800 | 0. | 0. | 0. | 80.000 | 80.000 | 80.000 | 0. | 0. | 0. |
| X3 | 10.000 | 0. | 0. | 0. | 0. | 0. | 0. | 124.900 | 124.900 | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 560.000 | 805.000 | 0. | 0. |
| SB | 0. | 1.500 | 3.000 | 500.000 | 9.000 | 0. | 207.000 | 2.400 | 0. | 0. |
| X1 | 38.600 | 11.000 | 735.000 | 764.000 | 80.000 | 80.000 | 80.000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1.000 | 124.700 | 124.400 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10.000 | 0. | 0. | 0. | 0. | 0. | 0. | 124.900 | 124.900 | 0. |
| GR | 131.000 | 0. | 128.000 | 180.100 | 126.000 | 360.000 | 123.400 | 735.000 | 117.800 | 742.000 |
| GR | 116.400 | 730.000 | 117.700 | 758.100 | 123.200 | 764.000 | 123.600 | 800.000 | 128.000 | 900.000 |
| GR | 130.000 | 1310.000 | 0. | 0. | 0. | 0. | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 560.000 | 805.000 | 0. | 0. |
| QT | 5.000 | 2270.000 | 3110.000 | 3470.000 | 5320.000 | 3470.000 | 0. | 0. | 0. | 0. |
| X1 | 39.500 | 0. | 0. | 0. | 90.000 | 90.000 | 90.000 | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 370.000 | 630.000 | 0. | 0. |
| X1 | 44.100 | 12.000 | 534.000 | 564.000 | 460.000 | 460.000 | 460.000 | 0. | 0. | 0. |
| GR | 131.000 | 0. | 126.000 | 300.000 | 124.000 | 400.000 | 124.000 | 445.000 | 124.700 | 534.000 |
| GR | 117.900 | 542.000 | 115.500 | 550.000 | 117.900 | 558.000 | 125.000 | 564.000 | 126.500 | 600.000 |
| GR | 122.000 | 700.000 | 130.000 | 740.000 | 0. | 0. | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 370.000 | 630.000 | 0. | 0. |
| X1 | 44.300 | 0. | 0. | 0. | 20.000 | 20.000 | 20.000 | 0. | 0. | 0. |
| X3 | 10.000 | 0. | 0. | 0. | 0. | 0. | 0. | 125.200 | 125.200 | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 395.000 | 630.000 | 0. | 0. |
| SB | 1.250 | 1.500 | 3.000 | 200.000 | 33.000 | 15.500 | 99.500 | 0. | 0. | 0. |
| X1 | 45.000 | 13.000 | 533.000 | 568.000 | 70.000 | 70.000 | 70.000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1.000 | 122.800 | 124.700 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10.000 | 0. | 0. | 0. | 0. | 0. | 0. | 125.200 | 125.200 | 0. |

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|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| GR | 151.000 | 0. | 128.000 | 250.000 | 126.000 | 300.000 | 124.000 | 355.000 | 125.800 | 533.000 |
| GR | 119.100 | 542.000 | 117.800 | 550.000 | 119.100 | 558.000 | 123.700 | 568.000 | 125.700 | 600.000 |
| GR | 128.000 | 664.000 | 130.000 | 680.000 | 132.000 | 738.000 | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 395.000 | 630.000 | 0. | 0. |

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|----|--------|----|----|----|--------|--------|---------|---------|----|----|
| X1 | 45.200 | 0. | 0. | 0. | 20.000 | 20.000 | 20.000 | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 790.000 | 940.000 | 0. | 0. |

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|----|---------|---------|---------|----------|---------|----------|---------|---------|---------|---------|
| X1 | 49.500 | 18.000 | 832.000 | 867.000 | 430.000 | 430.000 | 430.000 | 0. | 0. | 0. |
| GR | 131.200 | 0. | 131.300 | 300.000 | 130.000 | 410.000 | 128.000 | 495.000 | 123.000 | 560.000 |
| GR | 130.000 | 635.000 | 130.000 | 720.000 | 124.000 | 740.000 | 124.000 | 770.000 | 126.000 | 780.000 |
| GR | 129.000 | 832.000 | 119.200 | 842.000 | 118.300 | 850.000 | 119.100 | 858.000 | 125.600 | 867.000 |
| GR | 128.000 | 990.000 | 130.000 | 1035.000 | 132.000 | 1200.000 | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 790.000 | 940.000 | 0. | 0. |

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|----|---------|---------|---------|----------|---------|----------|---------|----------|---------|---------|
| X1 | 50.500 | 19.000 | 832.000 | 867.000 | 100.000 | 100.000 | 100.000 | 0. | 0.200 | 0. |
| X3 | 10.000 | 0. | 0. | 0. | 0. | 0. | 0. | 129.500 | 129.500 | 0. |
| GR | 131.200 | 0. | 131.300 | 300.000 | 130.000 | 410.000 | 128.000 | 495.000 | 123.000 | 560.000 |
| GR | 130.000 | 635.000 | 130.000 | 720.000 | 124.000 | 740.000 | 124.000 | 770.000 | 126.000 | 780.000 |
| GR | 129.000 | 832.000 | 119.200 | 842.000 | 118.300 | 850.000 | 119.100 | 858.000 | 125.600 | 867.000 |
| GR | 130.500 | 930.000 | 130.500 | 1025.000 | 129.000 | 1200.000 | 132.000 | 1500.000 | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 790.000 | 940.000 | 0. | 0. |
| SB | 1.250 | 1.500 | 3.000 | 500.000 | 23.500 | 5.000 | 144.000 | 0. | 0. | 0. |

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|----|--------|----|-------|---------|---------|---------|---------|---------|---------|----|
| X1 | 52.500 | 0. | 0. | 0. | 200.000 | 200.000 | 200.000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1.000 | 125.600 | 130.500 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10.000 | 0. | 0. | 0. | 0. | 0. | 0. | 129.500 | 129.500 | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 465.000 | 615.000 | 0. | 0. |

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|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 53.000 | 17.000 | 493.000 | 527.000 | 50.000 | 50.000 | 50.000 | 0. | 0. | 0. |
| GR | 134.200 | 0. | 132.500 | 200.000 | 132.500 | 285.000 | 130.000 | 400.000 | 128.000 | 470.000 |
| GR | 129.600 | 483.000 | 119.400 | 494.000 | 117.600 | 500.000 | 119.300 | 506.000 | 132.300 | 527.000 |
| GR | 130.700 | 535.000 | 130.200 | 550.000 | 130.000 | 575.000 | 127.000 | 610.000 | 130.000 | 627.000 |
| GR | 130.000 | 850.000 | 132.000 | 922.000 | 0. | 0. | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 465.000 | 615.000 | 0. | 0. |

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|----|--------|----|-------|----|--------|--------|---------|---------|----|----|
| X1 | 53.500 | 0. | 0.200 | 0. | 50.000 | 50.000 | 50.000 | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 675.000 | 825.000 | 0. | 0. |

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|----|---------|---------|---------|----------|---------|----------|---------|---------|---------|---------|
| X1 | 57.000 | 13.000 | 728.000 | 774.000 | 350.000 | 350.000 | 350.000 | 0. | 0. | 0. |
| GR | 134.000 | 0. | 130.000 | 280.000 | 128.000 | 355.000 | 126.000 | 710.000 | 130.900 | 728.000 |
| GR | 121.700 | 742.000 | 119.500 | 750.000 | 121.500 | 758.000 | 131.800 | 774.000 | 132.900 | 800.000 |
| GR | 130.000 | 850.000 | 130.000 | 1000.000 | 134.000 | 1375.000 | 0. | 0. | 0. | 0. |
| ET | 0. | 0. | 0. | 0. | 0. | 7.100 | 675.000 | 825.000 | 0. | 0. |

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|----|--------|-------|-------|----------|--------|--------|--------|---------|---------|----|
| X1 | 57.200 | 0. | 0. | 0. | 20.000 | 20.000 | 20.000 | 0. | 0. | 0. |
| X3 | 10.000 | 0. | 0. | 0. | 0. | 0. | 0. | 132.000 | 132.000 | 0. |
| SB | 1.250 | 1.500 | 3.000 | 1300.000 | 14.000 | 2.000 | 96.000 | 0. | 0. | 0. |

| | | | | | | | | | | |
|----|---------|---------|---------|---------|---------|----------|---------|----------|---------|---------|
| X1 | 58.300 | 9.000 | 730.000 | 772.000 | 110.000 | 110.000 | 110.000 | 0. | 0. | 0. |
| X2 | 0. | 0. | 1.000 | 126.200 | 131.500 | 0. | 0. | 0. | 0. | 0. |
| X3 | 10.000 | 0. | 0. | 0. | 0. | 0. | 0. | 132.000 | 132.000 | 0. |
| GR | 134.000 | 0. | 132.000 | 253.000 | 131.300 | 730.000 | 121.400 | 744.000 | 119.800 | 750.000 |
| GR | 121.400 | 756.000 | 130.800 | 772.000 | 132.200 | 1260.000 | 132.600 | 2000.000 | 0. | 0. |

| | | | | | | | | | | |
|----|--------|----|----|----|--------|--------|--------|----|----|----|
| X1 | 58.500 | 0. | 0. | 0. | 20.000 | 20.000 | 20.000 | 0. | 0. | 0. |
|----|--------|----|----|----|--------|--------|--------|----|----|----|

HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977

ERROR CORR - 01/02
MODIFICATION - 50, 31, 52, 53

T1 LUMBERTON N C
T2 FLOOD INSURANCE STUDY
T3 100-YR Q MEADOW BRANCH, FLOODWAY RUN

| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | Q | USEL | FG |
|----|--------|-----|------|------|------|--------|-------|----|---------|----|
| | 0. | 6. | 0. | 0. | 0. | 0. | 0. | 0. | 126.100 | 0. |

| J2 | NPROF | TPLT | PRFVS | XSECV | XSECH | FN | ALLOD | IBW | CHNIM | ITRACE |
|----|--------|------|--------|-------|---------|----|-------|-----|-------|--------|
| | 15.000 | 0. | -1.000 | 5.000 | 500.000 | 0. | 0. | 0. | 0. | 0. |

| | | | | | | | | |
|---------|-------|-------|--------|--------|--------|--------|--------|----|
| 2355.00 | -0.30 | -0.30 | 124.70 | 124.40 | 805.00 | 128.55 | 128.55 | 0. |
| 4140.00 | -0.30 | -0.30 | 124.70 | 124.40 | 805.00 | 128.60 | 128.60 | 0. |
| 4140.00 | -0.30 | -0.30 | 124.70 | 124.40 | 805.00 | 128.66 | 128.66 | 0. |

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977

ERROR CORR - 001,02
 MODIFICATION - 50,51,52,53

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

100-YR O MEADOW BRANCH
 SUMMARY PRINTOUT

| SECNO | CWSEL | DIFWSP | DIFWSX | ELMIN | YLCH |
|--------|--------|--------|--------|--------|--------|
| 8.000 | 125.10 | 0. | 0. | 113.80 | 0. |
| 8.000 | 126.10 | 1.00 | 0. | 113.80 | 0. |
| 10.750 | 125.14 | 0. | 0.04 | 114.20 | 270.00 |
| 10.700 | 126.15 | 1.04 | 0.08 | 114.20 | 270.00 |
| 13.300 | 125.26 | 0. | 0.12 | 114.40 | 250.00 |
| 13.300 | 126.32 | 1.05 | 0.14 | 114.40 | 250.00 |
| 18.300 | 125.71 | 0. | 0.45 | 114.70 | 500.00 |
| 18.300 | 126.71 | 1.00 | 0.40 | 114.70 | 500.00 |
| 27.500 | 126.37 | 0. | 0.66 | 115.50 | 920.00 |
| 27.500 | 127.34 | 0.97 | 0.62 | 115.50 | 920.00 |
| 30.000 | 126.73 | 0. | 0.36 | 115.50 | 250.00 |
| 30.000 | 127.74 | 1.01 | 0.40 | 115.50 | 250.00 |
| 37.000 | 127.44 | 0. | 0.72 | 114.80 | 700.00 |
| 37.000 | 128.47 | 1.02 | 0.73 | 114.80 | 700.00 |
| 37.800 | 127.55 | 0. | 0.10 | 114.80 | 80.00 |
| 37.800 | 128.55 | 1.00 | 0.08 | 114.80 | 80.00 |
| 38.600 | 127.72 | 0. | 0.17 | 116.40 | 80.00 |
| 38.600 | 128.55 | 0.95 | 0.11 | 116.40 | 80.00 |
| 39.500 | 127.39 | 0. | 0.17 | 116.40 | 90.00 |
| 39.500 | 128.40 | 1.01 | 0.24 | 116.40 | 90.00 |
| 44.100 | 128.32 | 0. | 0.43 | 115.50 | 450.00 |
| 44.100 | 129.33 | 1.01 | 0.43 | 115.50 | 450.00 |
| 44.300 | 129.35 | 0. | 0.03 | 115.50 | 20.00 |
| 44.300 | 129.35 | 1.00 | 0.02 | 115.50 | 20.00 |
| 45.000 | 128.63 | 0. | 0.28 | 117.80 | 70.00 |
| 45.000 | 129.49 | 0.86 | 0.14 | 117.80 | 70.00 |

SECNO CHSEL DIFWSP DIFWSX FLMIN XLCH

| | | | | | |
|----------|----------|-------|-------|--------|--------|
| 45.200 | 128.65 ✓ | 0. | 0.03 | 117.80 | 20.00 |
| 45.200 | 129.52 ✓ | 0.86 | 0.63 | 117.80 | 20.00 |
| 49.500 | 129.22 ✓ | 0. | 0.57 | 118.30 | 430.00 |
| 49.500 | 130.15 ✓ | 0.94 | 0.64 | 118.30 | 430.00 |
| 50.500 | 129.55 | 0. | 0.33 | 118.50 | 100.00 |
| 51.500 | 130.32 | 0.78 | 0.17 | 118.50 | 100.00 |
| 52.500 | 131.72 | 0. | 2.17 | 118.50 | 200.00 |
| 52.500 | 131.21 | -0.51 | 0.89 | 118.50 | 200.00 |
| 53.000 | 131.60 | 0. | -0.11 | 117.60 | 50.00 |
| 53.000 | 131.25 | -0.34 | 0.05 | 117.60 | 50.00 |
| X 53.500 | 131.74 ✓ | 0. | 0.14 | 117.60 | 50.00 |
| 53.500 | 131.72 ✓ | -0.02 | 0.45 | 117.60 | 50.00 |
| 57.000 | 132.13 ✓ | 0. | 0.39 | 119.50 | 350.00 |
| 57.000 | 133.15 ✓ | 1.02 | 1.44 | 119.50 | 350.00 |
| 57.200 | 132.14 | 0. | 0.01 | 119.50 | 20.00 |
| 57.200 | 133.21 | 1.07 | 0.05 | 119.50 | 20.00 |
| 58.300 | 132.41 | 0. | 0.28 | 119.80 | 110.00 |
| 58.300 | 133.52 | 1.11 | 0.32 | 119.80 | 110.00 |
| 58.500 | 132.80 | 0. | 0.39 | 119.80 | 20.00 |
| 58.500 | 133.54 | 0.73 | 0.01 | 119.80 | 20.00 |

100-YR Q MEADOW BRANCH
SUMMARY PRINTOUT

| SECNO | STCHL | STCHR | SSTA | ENDST | TOPWID |
|----------|--------|--------|--------|---------|---------|
| 8.000 | 731.00 | 765.00 | 232.00 | 2473.00 | 1241.00 |
| 8.000 | 731.00 | 765.00 | 650.00 | 1060.00 | 410.00 |
| 10.700 | 630.00 | 665.00 | 104.34 | 1289.59 | 1185.25 |
| 10.700 | 630.00 | 665.00 | 600.00 | 950.00 | 350.00 |
| 13.300 | 530.00 | 565.00 | 31.60 | 992.98 | 961.37 |
| 13.300 | 530.00 | 565.00 | 400.00 | 830.00 | 350.00 |
| 18.300 | 730.00 | 765.00 | 472.97 | 1181.10 | 708.13 |
| 18.300 | 730.00 | 765.00 | 600.00 | 950.00 | 350.00 |
| 27.500 | 526.00 | 568.00 | 175.42 | 884.12 | 708.70 |
| 27.500 | 526.00 | 568.00 | 377.46 | 656.18 | 278.72 |
| 30.000 | 526.00 | 568.00 | 161.69 | 888.20 | 726.51 |
| 30.000 | 526.00 | 568.00 | 300.00 | 655.00 | 275.00 |
| 37.000 | 780.00 | 823.00 | 274.82 | 1010.27 | 736.25 |
| 37.000 | 780.00 | 823.00 | 600.00 | 890.00 | 290.00 |
| 37.800 | 760.00 | 823.00 | 263.79 | 1016.19 | 752.39 |
| 37.800 | 760.00 | 823.00 | 600.00 | 890.00 | 290.00 |
| 38.600 | 735.00 | 764.00 | 205.71 | 893.51 | 687.80 |
| 38.600 | 735.00 | 764.00 | 560.00 | 805.00 | 245.00 |
| 39.500 | 735.00 | 764.00 | 190.01 | 897.47 | 707.46 |
| 39.500 | 735.00 | 764.00 | 560.00 | 805.00 | 245.00 |
| 44.100 | 534.00 | 564.00 | 160.72 | 706.43 | 545.70 |
| 44.100 | 534.00 | 564.00 | 370.00 | 630.00 | 260.00 |
| 44.300 | 534.00 | 564.00 | 159.43 | 706.85 | 547.43 |
| 44.300 | 534.00 | 564.00 | 370.00 | 630.00 | 260.00 |
| 45.000 | 533.00 | 568.00 | 197.80 | 669.01 | 471.21 |
| 45.000 | 533.00 | 568.00 | 395.00 | 630.00 | 235.00 |
| 45.200 | 533.00 | 568.00 | 195.78 | 669.21 | 473.43 |
| 45.200 | 533.00 | 568.00 | 395.00 | 630.00 | 235.00 |
| 49.500 | 832.00 | 867.00 | 443.16 | 1017.44 | 478.32 |
| 49.500 | 832.00 | 867.00 | 790.00 | 940.00 | 150.00 |
| * 50.500 | 832.00 | 867.00 | 437.78 | 1234.64 | 458.26 |
| * 50.500 | 832.00 | 867.00 | 790.00 | 925.17 | 135.17 |
| * 52.500 | 832.00 | 867.00 | 0. | 1451.55 | 1451.55 |
| * 52.500 | 832.00 | 867.00 | 790.00 | 940.00 | 150.00 |
| 53.000 | 483.00 | 527.00 | 326.13 | 925.84 | 595.11 |
| 53.000 | 483.00 | 527.00 | 465.00 | 615.00 | 143.15 |

| SECNO | STCHL | STCHR | SSTA | ENDST | TOPWID |
|--------|--------|--------|--------|---------|---------|
| 53.500 | 483.00 | 527.00 | 319.95 | 931.35 | 607.71 |
| 53.500 | 483.00 | 527.00 | 465.00 | 615.00 | 146.16 |
| 57.000 | 728.00 | 774.00 | 130.73 | 1199.92 | 1037.82 |
| 57.000 | 728.00 | 774.00 | 675.00 | 825.00 | 150.00 |
| 57.200 | 728.00 | 774.00 | 129.69 | 1201.31 | 1040.85 |
| 57.200 | 728.00 | 774.00 | 675.00 | 825.00 | 150.00 |
| 58.300 | 730.00 | 772.00 | 200.53 | 1657.33 | 1458.80 |
| 58.300 | 730.00 | 772.00 | 59.81 | 2000.00 | 1940.19 |
| 58.500 | 730.00 | 772.00 | 150.41 | 2000.00 | 1849.59 |
| 58.500 | 730.00 | 772.00 | 57.64 | 2000.00 | 1942.32 |

100-YR Q MEADOW BRANCH
SUMMARY PRINTOUT

| SECNO | CWSEL | KRATIO | K*CHSL | DIFWSP | ELTRD | ELLCL | AREA |
|----------|--------|--------|--------|--------|--------|--------|---------|
| 8.000 | 125.10 | 0. | 0. | 0. | 0. | 0. | 5251.25 |
| 8.000 | 126.10 | 0. | 0. | 1.00 | 0. | 0. | 2791.05 |
| 10.700 | 125.14 | 0.50 | 1.48 | 0. | 0. | 0. | 3178.74 |
| 10.700 | 126.18 | 0.69 | 1.48 | 1.04 | 0. | 0. | 2072.71 |
| 13.300 | 125.26 | 0.60 | 0.77 | 0. | 0. | 0. | 2069.68 |
| 13.300 | 126.32 | 0.75 | 0.77 | 1.06 | 0. | 0. | 1571.61 |
| 18.300 | 125.71 | 1.68 | 0.60 | 0. | 0. | 0. | 2748.84 |
| 18.300 | 126.71 | 1.45 | 0.60 | 1.00 | 0. | 0. | 2200.34 |
| 27.500 | 126.37 | 0.53 | 0.87 | 0. | 0. | 0. | 1752.40 |
| 27.500 | 127.30 | 0.53 | 0.87 | 0.97 | 0. | 0. | 1321.34 |
| 30.000 | 126.73 | 1.19 | 0. | 0. | 0. | 0. | 2042.56 |
| 30.000 | 127.74 | 1.12 | 0. | 1.01 | 0. | 0. | 1416.14 |
| 37.000 | 127.44 | 0.89 | -1.00 | 0. | 0. | 0. | 1782.18 |
| 37.000 | 128.47 | 1.06 | -1.00 | 1.02 | 0. | 0. | 1477.87 |
| 37.800 | 127.55 | 1.05 | 0. | 0. | 0. | 0. | 1852.65 |
| 37.800 | 128.55 | 1.02 | 0. | 1.00 | 0. | 0. | 1502.00 |
| 38.600 | 127.72 | 0.52 | 20.00 | 0. | 124.40 | 124.70 | 1784.14 |
| 38.600 | 128.65 | 0.41 | 20.00 | 0.95 | 124.40 | 124.70 | 1272.70 |
| 39.500 | 127.69 | 2.05 | 0. | 0. | 0. | 0. | 1995.61 |
| 39.500 | 128.90 | 2.29 | 0. | 1.01 | 0. | 0. | 1377.71 |
| 44.100 | 128.32 | 0.82 | -1.96 | 0. | 0. | 0. | 1525.75 |
| 44.100 | 129.33 | 0.96 | -1.96 | 1.01 | 0. | 0. | 1353.75 |
| 44.300 | 128.55 | 1.01 | 0. | 0. | 0. | 0. | 1537.55 |
| 44.300 | 129.35 | 1.01 | 0. | 1.00 | 0. | 0. | 1359.72 |
| * 45.000 | 128.63 | 1.01 | 32.86 | 0. | 124.70 | 122.80 | 1491.98 |
| * 45.000 | 129.49 | 0.85 | 32.86 | 0.85 | 124.70 | 122.80 | 1176.81 |
| 45.200 | 128.65 | 1.01 | 0. | 0. | 0. | 0. | 1503.47 |
| 45.200 | 129.32 | 1.01 | 0. | 0.85 | 0. | 0. | 1182.19 |
| 49.500 | 129.22 | 0.89 | 1.16 | 0. | 0. | 0. | 1409.55 |
| 49.500 | 130.16 | 0.60 | 1.16 | 0.94 | 0. | 0. | 693.72 |
| * 50.500 | 129.55 | 0.93 | 2.00 | 0. | 0. | 0. | 1240.41 |
| 50.500 | 130.32 | 0.80 | 2.00 | 0.78 | 0. | 0. | 542.32 |
| * 52.500 | 131.72 | 2.46 | 0. | 0. | 130.50 | 125.60 | 3175.85 |
| * 52.500 | 131.21 | 1.28 | 0. | -0.51 | 130.50 | 125.60 | 670.58 |
| 53.000 | 131.60 | 0.37 | -18.00 | 0. | 0. | 0. | 1281.78 |
| 53.000 | 131.25 | 0.78 | -18.00 | -0.34 | 0. | 0. | 549.45 |

| SECNO | CWSEL | KRATIO | K*CHSL | DIFWSP | ELTRD | ELLC | AREA |
|--------|--------|--------|--------|--------|--------|--------|---------|
| 53.500 | 131.74 | 1.07 | 0. | 0. | 0. | 0. | 1362.68 |
| 53.500 | 131.72 | 1.13 | 0. | -0.02 | 0. | 0. | 615.44 |
| 57.000 | 132.13 | 2.65 | 5.43 | 0. | 0. | 0. | 3210.67 |
| 57.000 | 133.15 | 1.42 | 5.43 | 1.02 | 0. | 0. | 778.53 |
| 57.200 | 132.14 | 1.01 | 0. | 0. | 0. | 0. | 3226.02 |
| 57.200 | 133.21 | 1.01 | 0. | 1.07 | 0. | 0. | 787.76 |
| 58.300 | 132.41 | 0.05 | 2.73 | 0. | 131.50 | 128.20 | 1192.47 |
| 58.300 | 133.52 | 1.41 | 2.73 | 1.11 | 131.50 | 128.20 | 3240.82 |
| 58.500 | 132.80 | 1.44 | 0. | 0. | 0. | 0. | 1883.60 |
| 58.500 | 133.54 | 1.01 | 0. | 0.73 | 0. | 0. | 3273.44 |

100-YR Q MEADOW BRANCH
SUMMARY PRINTOUT

| SECD | CHSEL | Q | QLOB | VLOB | QCH | VCH | QROB | VROB | DEPTH | QLOBX | QCHX | QROBX |
|--------|--------|---------|---------|------|---------|------|---------|------|-------|-------|-------|-------|
| 8.000 | 125.10 | 4100.00 | 523.91 | 0.76 | 419.49 | 1.32 | 2156.60 | 0.73 | 11.30 | 37.17 | 10.23 | 52.60 |
| 8.000 | 126.10 | 4100.00 | 668.06 | 1.30 | 748.33 | 2.13 | 2683.61 | 1.39 | 12.30 | 16.29 | 18.25 | 65.45 |
| 10.700 | 125.14 | 4100.00 | 406.03 | 0.63 | 737.60 | 2.44 | 2956.37 | 1.33 | 10.94 | 9.90 | 17.99 | 72.11 |
| 10.700 | 126.18 | 4100.00 | 139.49 | 1.28 | 977.65 | 2.89 | 2982.86 | 1.84 | 11.98 | 3.40 | 23.85 | 72.75 |
| 13.300 | 125.26 | 4100.00 | 791.99 | 1.15 | 1397.89 | 4.35 | 1910.12 | 1.79 | 10.86 | 19.32 | 34.09 | 46.59 |
| 13.300 | 126.32 | 4100.00 | 320.87 | 1.82 | 1455.89 | 4.07 | 2323.24 | 2.04 | 11.92 | 7.83 | 35.51 | 56.66 |
| 18.300 | 125.71 | 4100.00 | 1346.13 | 1.37 | 851.52 | 2.63 | 1900.34 | 1.32 | 11.01 | 32.88 | 20.77 | 46.35 |
| 18.300 | 126.71 | 4100.00 | 1768.45 | 1.68 | 1008.71 | 2.81 | 1802.83 | 1.68 | 12.01 | 31.43 | 24.60 | 43.97 |
| 27.500 | 126.37 | 4100.00 | 1323.98 | 1.74 | 1355.78 | 4.26 | 1420.24 | 2.03 | 10.07 | 32.29 | 33.07 | 34.64 |
| 27.500 | 127.34 | 4100.00 | 1212.22 | 2.30 | 1672.16 | 4.65 | 1215.68 | 2.80 | 11.84 | 29.57 | 40.78 | 29.65 |
| 30.000 | 126.73 | 3750.00 | 1288.56 | 1.44 | 1122.85 | 3.36 | 1338.60 | 1.64 | 11.23 | 34.36 | 29.94 | 35.70 |
| 30.000 | 127.74 | 3750.00 | 1161.27 | 2.01 | 1475.40 | 3.92 | 1113.34 | 2.40 | 12.24 | 30.97 | 39.34 | 29.69 |
| 37.000 | 127.44 | 3750.00 | 1512.70 | 1.51 | 1429.89 | 3.97 | 807.41 | 1.92 | 12.64 | 40.34 | 38.13 | 21.53 |
| 37.000 | 128.47 | 3750.00 | 1444.97 | 1.96 | 1559.54 | 3.86 | 745.50 | 2.21 | 13.67 | 38.53 | 41.59 | 19.88 |
| 37.800 | 127.55 | 3750.00 | 1546.34 | 1.47 | 1395.63 | 3.82 | 810.04 | 1.85 | 12.75 | 41.24 | 37.16 | 21.60 |
| 37.800 | 128.55 | 3750.00 | 1458.28 | 1.94 | 1545.84 | 3.79 | 746.68 | 2.18 | 13.75 | 38.89 | 41.20 | 19.91 |
| 38.600 | 127.72 | 3750.00 | 2065.91 | 1.71 | 967.12 | 3.79 | 716.97 | 2.22 | 11.32 | 55.09 | 25.79 | 19.12 |
| 38.600 | 128.55 | 3750.00 | 1906.24 | 2.42 | 1332.89 | 4.72 | 510.87 | 2.53 | 12.26 | 50.83 | 35.54 | 13.62 |
| 39.500 | 127.89 | 3470.00 | 1972.81 | 1.45 | 531.55 | 3.47 | 565.64 | 1.53 | 11.49 | 56.85 | 26.85 | 16.30 |
| 39.500 | 128.90 | 3470.00 | 1814.04 | 2.12 | 1153.64 | 3.87 | 498.32 | 2.23 | 12.50 | 52.39 | 33.25 | 14.36 |
| 40.100 | 128.32 | 3470.00 | 2043.70 | 1.96 | 1174.28 | 4.14 | 252.02 | 1.26 | 12.82 | 58.90 | 33.84 | 7.26 |
| 40.100 | 129.33 | 3470.00 | 1892.94 | 2.27 | 1232.38 | 3.93 | 344.67 | 1.67 | 13.83 | 54.55 | 35.52 | 9.93 |
| 44.300 | 128.35 | 3470.00 | 2046.77 | 1.95 | 1158.03 | 4.11 | 255.21 | 1.25 | 12.85 | 58.98 | 33.66 | 7.35 |
| 44.300 | 129.35 | 3470.00 | 1894.65 | 2.26 | 1228.86 | 3.91 | 346.49 | 1.66 | 13.85 | 54.60 | 35.41 | 9.99 |
| 45.000 | 128.63 | 3470.00 | 1891.32 | 1.97 | 1163.41 | 4.00 | 415.27 | 1.72 | 10.83 | 54.50 | 33.53 | 11.97 |
| 45.000 | 129.49 | 3470.00 | 1444.14 | 2.39 | 1445.23 | 4.50 | 580.63 | 2.32 | 11.69 | 41.62 | 41.65 | 16.73 |
| 45.200 | 128.65 | 3470.00 | 1895.17 | 1.96 | 1157.55 | 3.97 | 417.28 | 1.71 | 10.85 | 54.62 | 33.36 | 12.03 |
| 45.200 | 129.52 | 3470.00 | 1446.69 | 2.38 | 1441.41 | 4.48 | 581.90 | 2.31 | 11.72 | 41.69 | 41.54 | 16.77 |
| 49.500 | 129.22 | 3470.00 | 1770.37 | 2.17 | 1170.31 | 4.17 | 529.32 | 1.63 | 10.92 | 51.02 | 33.73 | 15.25 |
| 49.500 | 130.15 | 3470.00 | 252.76 | 2.54 | 2204.53 | 7.03 | 1012.71 | 3.61 | 11.86 | 7.28 | 63.53 | 29.18 |
| 50.500 | 129.55 | 3470.00 | 2026.50 | 2.38 | 1296.72 | 4.54 | 146.78 | 1.42 | 11.05 | 58.40 | 37.37 | 4.23 |
| 50.500 | 130.32 | 3470.00 | 306.55 | 3.14 | 2734.27 | 8.75 | 427.18 | 3.25 | 11.82 | 8.89 | 78.80 | 12.31 |
| 52.500 | 131.72 | 3470.00 | 2088.81 | 1.11 | 781.16 | 2.16 | 600.03 | 0.64 | 13.22 | 60.20 | 22.51 | 17.29 |
| 52.500 | 131.21 | 3470.00 | 405.79 | 3.00 | 2434.98 | 7.26 | 569.23 | 2.97 | 12.71 | 11.69 | 71.90 | 16.40 |
| 53.000 | 131.60 | 3470.00 | 539.10 | 1.94 | 1814.66 | 5.07 | 1116.23 | 1.73 | 14.00 | 15.54 | 52.30 | 32.17 |
| 53.000 | 131.25 | 3470.00 | 157.37 | 3.28 | 2809.12 | 8.18 | 503.51 | 3.19 | 13.66 | 4.54 | 80.95 | 14.51 |

| SECNO | CWSEL | Q | QLOB | VLOB | OCH | VCH | QROB | VR0B | DEPTH | QLOBY | GCHX | QROBZ |
|-------|-------|---|------|------|-----|-----|------|------|-------|-------|------|-------|
|-------|-------|---|------|------|-----|-----|------|------|-------|-------|------|-------|

| | | | | | | | | | | | | |
|--------|--------|---------|--------|------|---------|------|---------|------|-------|-------|-------|-------|
| 53.500 | 131.74 | 3470.00 | 556.48 | 1.86 | 1738.20 | 4.78 | 1175.31 | 1.68 | 14.14 | 16.04 | 50.09 | 33.87 |
| 53.500 | 131.72 | 3470.00 | 179.06 | 3.19 | 2684.77 | 7.40 | 605.17 | 3.09 | 14.12 | 5.16 | 77.37 | 17.47 |

| | | | | | | | | | | | | |
|--------|--------|---------|---------|------|---------|------|--------|------|-------|-------|-------|------|
| 57.000 | 132.13 | 3470.00 | 2530.57 | 1.11 | 617.81 | 1.74 | 321.62 | 0.56 | 12.63 | 72.93 | 17.80 | 9.27 |
| 57.000 | 133.15 | 3470.00 | 1218.21 | 3.67 | 2203.55 | 5.49 | 40.24 | 1.06 | 13.65 | 35.11 | 63.50 | 1.39 |

| | | | | | | | | | | | | |
|--------|--------|---------|---------|------|---------|------|--------|------|-------|-------|-------|------|
| 57.200 | 132.14 | 3470.00 | 2529.60 | 1.10 | 616.18 | 1.73 | 324.22 | 0.56 | 12.64 | 72.90 | 17.76 | 9.34 |
| 57.200 | 133.21 | 3470.00 | 1219.32 | 3.64 | 2197.59 | 5.43 | 53.09 | 1.10 | 13.71 | 35.14 | 63.33 | 1.53 |

| | | | | | | | | | | | | |
|--------|--------|---------|--------|------|---------|------|---------|------|-------|-------|-------|-------|
| 58.300 | 132.41 | 3470.00 | 498.01 | 1.33 | 2278.20 | 6.95 | 693.78 | 1.42 | 12.61 | 14.35 | 65.65 | 19.99 |
| 58.300 | 133.52 | 3470.00 | 878.62 | 0.86 | 1067.11 | 2.85 | 1504.27 | 0.82 | 13.72 | 25.90 | 30.75 | 43.35 |

| | | | | | | | | | | | | |
|--------|--------|---------|--------|------|---------|------|---------|------|-------|-------|-------|-------|
| 58.500 | 132.80 | 3470.00 | 709.44 | 1.19 | 1715.64 | 4.98 | 1044.72 | 1.11 | 13.00 | 20.44 | 49.45 | 30.11 |
| 58.500 | 133.54 | 3470.00 | 901.52 | 1.86 | 1456.82 | 2.82 | 1511.66 | 0.82 | 13.74 | 25.98 | 30.46 | 43.56 |

100-YR Q MEADOW BRANCH
SUMMARY PRINTOUT

| SECNO | CWSEL | VOL | K+XNL | K+XNCH | K+XNR | .01K | STCHL | STCHR | SSTA | ENDST | TOPWID |
|----------|--------|--------|-------|--------|-------|---------|--------|--------|--------|---------|---------|
| 8.000 | 125.10 | 0. | 60.00 | 50.00 | 60.00 | 3809.61 | 731.00 | 765.00 | 232.00 | 1473.00 | 1241.00 |
| 8.000 | 126.10 | 0. | 60.00 | 50.00 | 60.00 | 2630.05 | 731.00 | 765.00 | 650.00 | 1060.00 | 410.00 |
| A 10.700 | 125.14 | 26.13 | 60.00 | 50.00 | 60.00 | 1919.04 | 630.00 | 665.00 | 104.34 | 1289.59 | 1195.25 |
| 10.700 | 126.18 | 15.07 | 50.00 | 50.00 | 60.00 | 1750.03 | 630.00 | 665.00 | 600.00 | 950.00 | 350.00 |
| 13.300 | 125.25 | 41.79 | 60.00 | 50.00 | 60.00 | 1143.58 | 530.00 | 565.00 | 31.60 | 992.98 | 951.37 |
| 13.300 | 126.32 | 26.25 | 60.00 | 50.00 | 60.00 | 1317.75 | 530.00 | 565.00 | 480.00 | 830.00 | 350.00 |
| 18.300 | 125.71 | 69.44 | 60.00 | 50.00 | 60.00 | 1916.93 | 730.00 | 765.00 | 472.97 | 1181.10 | 708.13 |
| 18.300 | 126.71 | 48.47 | 60.00 | 50.00 | 60.00 | 1920.55 | 730.00 | 765.00 | 600.00 | 950.00 | 350.00 |
| 27.500 | 126.37 | 117.29 | 60.00 | 50.00 | 60.00 | 1022.83 | 526.00 | 568.00 | 175.42 | 884.12 | 708.70 |
| 27.500 | 127.34 | 85.65 | 60.00 | 50.00 | 60.00 | 1014.07 | 526.00 | 568.00 | 377.46 | 656.18 | 278.72 |
| B 30.000 | 126.73 | 128.27 | 60.00 | 50.00 | 60.00 | 1220.99 | 526.00 | 568.00 | 161.69 | 868.20 | 726.51 |
| 30.000 | 127.74 | 93.52 | 60.00 | 50.00 | 60.00 | 1133.67 | 526.00 | 568.00 | 380.00 | 655.00 | 275.00 |
| 37.000 | 127.44 | 159.00 | 60.00 | 50.00 | 60.00 | 1078.84 | 780.00 | 823.00 | 274.02 | 1010.27 | 736.25 |
| 37.000 | 128.47 | 116.77 | 60.00 | 50.00 | 60.00 | 1198.25 | 780.00 | 823.00 | 600.00 | 890.00 | 290.00 |
| V 37.800 | 127.55 | 162.34 | 60.00 | 50.00 | 60.00 | 1127.83 | 780.00 | 823.00 | 263.79 | 1016.19 | 752.39 |
| 37.800 | 128.55 | 119.50 | 60.00 | 50.00 | 60.00 | 1227.38 | 780.00 | 823.00 | 600.00 | 890.00 | 290.00 |
| D 38.500 | 127.72 | 155.68 | 60.00 | 50.00 | 60.00 | 582.37 | 735.00 | 764.00 | 205.71 | 893.51 | 687.80 |
| 38.500 | 128.56 | 122.05 | 60.00 | 50.00 | 60.00 | 501.17 | 735.00 | 764.00 | 560.00 | 805.00 | 245.00 |
| 39.500 | 127.89 | 169.53 | 60.00 | 50.00 | 60.00 | 1195.87 | 735.00 | 764.00 | 190.01 | 897.47 | 707.46 |
| 39.500 | 128.90 | 124.79 | 60.00 | 50.00 | 60.00 | 1147.21 | 735.00 | 764.00 | 560.00 | 805.00 | 245.00 |
| E 44.100 | 128.32 | 188.18 | 60.00 | 50.00 | 60.00 | 975.63 | 534.00 | 564.00 | 160.72 | 706.43 | 545.70 |
| 44.100 | 129.33 | 139.21 | 60.00 | 50.00 | 60.00 | 1100.38 | 534.00 | 564.00 | 370.00 | 630.00 | 260.00 |
| 44.300 | 124.35 | 198.23 | 60.00 | 50.00 | 60.00 | 984.60 | 534.00 | 564.00 | 159.43 | 706.86 | 547.43 |
| 44.300 | 129.35 | 139.34 | 60.00 | 50.00 | 60.00 | 1107.57 | 534.00 | 564.00 | 370.00 | 630.00 | 260.00 |
| * 45.000 | 128.63 | 191.31 | 60.00 | 50.00 | 60.00 | 992.75 | 533.00 | 568.00 | 197.80 | 669.01 | 471.21 |
| * 45.000 | 129.49 | 141.87 | 60.00 | 50.00 | 60.00 | 942.14 | 533.00 | 568.00 | 395.00 | 630.00 | 235.00 |
| V 45.200 | 128.65 | 192.00 | 60.00 | 50.00 | 60.00 | 1002.67 | 533.00 | 568.00 | 195.78 | 669.21 | 473.43 |
| 45.200 | 129.52 | 142.42 | 60.00 | 50.00 | 60.00 | 948.58 | 533.00 | 568.00 | 395.00 | 630.00 | 235.00 |
| b 49.500 | 129.22 | 206.38 | 60.00 | 50.00 | 60.00 | 890.38 | 832.00 | 867.00 | 443.16 | 1017.44 | 478.32 |
| 49.500 | 130.13 | 151.67 | 60.00 | 50.00 | 60.00 | 568.08 | 832.00 | 867.00 | 790.00 | 940.00 | 150.00 |
| * 50.500 | 129.53 | 209.42 | 60.00 | 50.00 | 60.00 | 824.83 | 832.00 | 867.00 | 437.78 | 1234.64 | 458.26 |
| 50.500 | 130.32 | 153.09 | 60.00 | 50.00 | 60.00 | 455.35 | 832.00 | 867.00 | 790.00 | 925.17 | 135.17 |
| * 52.500 | 131.72 | 219.56 | 60.00 | 50.00 | 60.00 | 2028.70 | 832.00 | 867.00 | 0. | 1451.55 | 1451.55 |
| * 52.500 | 131.21 | 155.68 | 60.00 | 50.00 | 60.00 | 584.24 | 832.00 | 867.00 | 790.00 | 940.00 | 150.00 |
| 53.000 | 131.60 | 222.10 | 60.00 | 50.00 | 60.00 | 747.25 | 483.00 | 527.00 | 326.13 | 925.84 | 595.11 |
| 53.000 | 131.25 | 156.50 | 60.00 | 50.00 | 60.00 | 454.33 | 483.00 | 527.00 | 465.00 | 615.00 | 143.15 |

SECNO CWSEL VOL K*XLN K*LNCH K*XNR .01K STCHL STCHR SSTA ENDST TOPWID

53.500 131.74 223.64 60.00 50.00 60.00 798.57 483.00 527.00 319.95 931.35 607.71
 53.500 131.72 157.25 60.00 50.00 60.00 515.23 483.00 527.00 465.00 615.00 146.16

57.000 132.13 242.01 60.00 50.00 60.00 2120.84 728.00 774.00 130.73 1199.92 1037.82
 57.000 133.15 162.85 60.00 50.00 60.00 731.50 728.00 774.00 675.00 825.00 150.00

57.200 132.14 243.40 60.00 50.00 60.00 2133.24 728.00 774.00 129.69 1201.31 1040.85
 57.200 133.21 163.21 60.00 50.00 60.00 742.12 728.00 774.00 675.00 825.00 150.00

58.300 132.41 249.07 60.00 50.00 60.00 533.03 730.00 772.00 200.53 1657.33 1455.80
 58.300 133.52 168.29 60.00 50.00 60.00 1421.04 730.00 772.00 59.81 2000.00 1940.19

58.500 132.80 249.77 60.00 50.00 60.00 768.63 730.00 772.00 150.41 2000.00 1849.59
 58.500 133.54 169.79 60.00 50.00 60.00 1439.39 730.00 772.00 57.69 2000.00 1942.32

SUMMARY OF ERRORS

- CAUTION SECNO= 45.000 PROFILE= 1 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 45.000 PROFILE= 2 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 50.500 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 50.500 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 50.500 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 52.500 PROFILE= 1 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 52.500 PROFILE= 2 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 58.300 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 58.300 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 58.300 PROFILE= 1 HYDRAULIC JUMP D.S.
- CAUTION SECNO= 58.300 PROFILE= 2 HYDRAULIC JUMP D.S.

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977

ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

Revised F/W starting at Sta. 49+50

T1 LUMBERTON N.C.
 T2 FLOODWAY REVISION, AUGUST, 1982
 T3 100-YR R. MEADOW BRANCH, NATURAL CONDITIONS

J1 ICHECK INQ NINV IDIR STRJ METRIC HVINS Q WSEL EQ
 0. 4. 0. 0. 0. 0. 0. 0. 128.320 0.

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLOC IBW CHNIM ITRACE
 1.000 0. -1.000 5.000 500.000 0. 0. 0. 0. 0.

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

38.000 1.000 50.000 51.000 42.000 39.000 0. 30.000 21.000 22.000

53.000 54.000 4.000 0. 38.000 1.000 58.000 33.000 50.000 40.000

41.000 25.000 0. 38.000 1.000 43.000 13.000 55.000 14.000 26.000

15.000 50.000 8.000 35.000 60.000 59.000 0. 38.000 1.000 7.000

16.000 17.000 18.000 34.000 21.000 22.000 53.000 54.000 4.000 0.

J5 LPRNT NUNSEC *****REQUESTED SECTION NUMBERS*****

-10.000 -10.000 0. 0. 0. 0. 0. 0. 0. 0. 0.

QT 5.000 2270.000 3115.000 3470.000 5520.000 3470.000 0. 0. 0. 0.

NC 0.060 0.060 0.050 0.100 0.300 0. 0. 0. 0. 0.

ET 0. 0. 0. 0. 0. 0. 7.100 370.000 630.000 0. 0.

X1 44.100 12.000 534.000 564.000 460.000 460.000 460.000 0. 0. 0.

GR 131.000 0. 126.000 300.000 124.000 400.000 124.000 445.000 124.700 534.000

GR 117.900 542.000 115.500 550.000 117.900 558.000 125.000 564.000 126.500 600.000

GR 128.000 709.000 130.000 740.000 0. 0. 0. 0. 0. 0.

ET 0. 0. 0. 0. 0. 0. 7.100 370.000 630.000 0. 0.

X1 44.300 0. 0. 0. 25.000 20.000 20.000 0. 0. 0.

X3 10.000 0. 0. 0. 0. 0. 0. 125.200 125.200 0.

ET 0. 0. 0. 0. 0. 0. 7.100 395.000 630.000 0. 0.

SB 1.250 1.500 3.000 200.000 35.000 15.500 99.500 0. 0. 0.

X1 45.000 15.000 533.000 562.000 70.000 70.000 70.000 0. 0. 0.

X2 0. 0. 1.000 122.800 124.700 0. 0. 0. 0. 0.

X3 10.000 0. 0. 0. 0. 0. 0. 125.200 125.200 0.

GR 131.000 0. 128.000 250.000 126.000 300.000 124.000 355.000 125.800 533.000

GR 119.100 542.000 117.800 550.000 119.100 558.000 123.700 568.000 125.700 600.000

GR 128.000 664.000 130.000 680.000 132.000 768.000 0. 0. 0. 0.

ET 0. 0. 0. 0. 0. 0. 7.100 395.000 630.000 0. 0.

HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977

ERROR CORR - 01,02
MODIFICATION - 50,51,52,53

T1 LUMBERTON N C
T2 FLOODWAY REVISION, AUGUST, 1982
T3 100-YR 70 MEADOW BRANCH, FLOODWAY RUN

| J1 | ICHECK | IND | INIV | IDIR | STRT | METRIC | IVINS | Q | WSEL | EQ |
|----|--------|-----|------|------|------|--------|-------|----|---------|----|
| | 0. | 06. | 0. | 0. | 0. | 0. | 0. | 0. | 129.330 | 0. |

| J2 | NPROF | IPLOT | PRFVS | XSECV | XSECH | FN | ALLOC | IBW | CHNIM | ITRACE |
|----|--------|-------|--------|-------|---------|----|-------|-----|-------|--------|
| | 15.000 | 0. | -1.000 | 5.000 | 500.000 | 0. | 0. | 0. | 0. | 0. |

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 1977
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

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

100-YR Q MEADOW BRANCH
 SUMMARY PRINTOUT

| SECNO | CWSEL | DIFWSP | DIFWSX | ELMIN | XLCH |
|----------|--------|--------|--------|--------|--------|
| 44.100 | 128.32 | 0. | 0. | 115.50 | 460.00 |
| 44.100 | 129.33 | 1.01 | 0. | 115.50 | 460.00 |
| 44.300 | 128.35 | 0. | 0.03 | 115.50 | 20.00 |
| 44.300 | 129.35 | 1.00 | 0.02 | 115.50 | 20.00 |
| 45.000 | 128.62 | 0. | 0.28 | 117.80 | 70.00 |
| * 45.000 | 129.49 | 0.85 | 0.14 | 117.80 | 70.00 |
| 45.200 | 128.65 | 0. | 0.03 | 117.80 | 20.00 |
| 45.200 | 129.52 | 0.85 | 0.03 | 117.80 | 20.00 |
| 49.500 | 129.22 | 1. | 0.57 | 118.30 | 430.00 |
| 49.500 | 130.16 | 0.94 | 0.64 | 118.30 | 430.00 |
| * 50.500 | 129.53 | 0. | 0.33 | 118.50 | 100.00 |
| 50.500 | 130.40 | 0.85 | 0.24 | 118.50 | 100.00 |
| * 52.300 | 131.72 | 0. | 2.17 | 118.50 | 200.00 |
| * 52.500 | 131.51 | -0.21 | 1.11 | 118.50 | 200.00 |
| 53.000 | 131.60 | 0. | -0.11 | 117.60 | 50.00 |
| 53.000 | 131.29 | -0.31 | -0.21 | 117.60 | 50.00 |
| 53.500 | 131.74 | 0. | 0.14 | 117.60 | 50.00 |
| 53.500 | 131.75 | 0.01 | 0.46 | 117.60 | 50.00 |
| 57.000 | 132.13 | 0. | 0.39 | 119.50 | 350.00 |
| 57.000 | 133.05 | 0.91 | 1.29 | 119.50 | 350.00 |
| 57.200 | 132.14 | 0. | 0.01 | 119.50 | 20.00 |
| 57.200 | 133.07 | 0.93 | 0.03 | 119.50 | 20.00 |
| * 58.300 | 132.41 | 0. | 0.28 | 119.80 | 110.00 |
| * 58.300 | 133.15 | 0.73 | 0.07 | 119.80 | 110.00 |
| 58.500 | 132.82 | 0. | 0.39 | 119.80 | 20.00 |
| 58.500 | 133.17 | 0.37 | 0.03 | 119.80 | 20.00 |

100-YR Q MEADOW BRANCH,
SUMMARY PRINTOUT

| SECNO | STCHI | STCHR | SSIA | ENDST | TOPWID |
|--------|--------|--------|--------|---------|---------|
| 44.100 | 534.00 | 564.00 | 160.80 | 706.40 | 545.60 |
| 44.100 | 534.00 | 564.00 | 370.00 | 630.00 | 260.00 |
| 44.300 | 534.00 | 564.00 | 159.28 | 706.91 | 547.63 |
| 44.300 | 534.00 | 564.00 | 370.00 | 630.00 | 260.00 |
| 45.000 | 533.00 | 568.00 | 197.90 | 669.00 | 471.10 |
| 45.000 | 533.00 | 568.00 | 395.00 | 630.00 | 235.00 |
| 45.200 | 533.00 | 568.00 | 195.88 | 669.20 | 473.32 |
| 45.200 | 533.00 | 568.00 | 395.00 | 630.00 | 235.00 |
| 49.500 | 832.00 | 867.00 | 443.19 | 1017.43 | 478.27 |
| 49.500 | 832.00 | 867.00 | 792.00 | 940.00 | 150.00 |
| 50.500 | 832.00 | 867.00 | 437.81 | 1234.57 | 458.07 |
| 50.500 | 832.00 | 867.00 | 780.00 | 922.25 | 106.25 |
| 52.500 | 832.00 | 867.00 | 0. | 1451.54 | 1451.54 |
| 52.500 | 832.00 | 867.00 | 760.00 | 910.00 | 150.00 |
| 53.000 | 483.00 | 527.00 | 326.14 | 925.83 | 595.11 |
| 53.000 | 483.00 | 527.00 | 410.00 | 560.00 | 143.39 |
| 53.500 | 483.00 | 527.00 | 319.95 | 931.35 | 607.70 |
| 53.500 | 483.00 | 527.00 | 405.00 | 655.00 | 196.43 |
| 57.000 | 728.00 | 774.00 | 130.73 | 1199.92 | 1037.81 |
| 57.000 | 728.00 | 774.00 | 615.00 | 765.00 | 150.00 |
| 57.200 | 728.00 | 774.00 | 129.69 | 1201.30 | 1040.84 |
| 57.200 | 728.00 | 774.00 | 615.00 | 765.00 | 150.00 |
| 58.300 | 730.00 | 772.00 | 200.54 | 1657.25 | 1456.72 |
| 58.300 | 730.00 | 772.00 | 107.25 | 2000.00 | 1892.74 |
| 58.500 | 730.00 | 772.00 | 150.41 | 2000.00 | 1849.59 |
| 58.500 | 730.00 | 772.00 | 105.16 | 2000.00 | 1899.84 |

100-YR. Q MEADOW BRANCH,
SUMMARY PRINTOUT

| SECNO | CWSEL | KRATIO | K*CHSL | DIFWSP | ELIRD | ELLC | AREA |
|----------|--------|--------|--------|--------|--------|--------|---------|
| 44.100 | 128.52 | 0. | 0. | 0. | 0. | 0. | 1525.05 |
| 44.100 | 129.33 | 0. | 0. | 1.01 | 0. | 0. | 1354.60 |
| 44.300 | 128.35 | 1.01 | 0. | 0. | 0. | 0. | 1538.89 |
| 44.300 | 129.55 | 1.01 | 0. | 1.00 | 0. | 0. | 1359.76 |
| * 45.000 | 128.62 | 1.01 | 32.86 | 0. | 124.70 | 122.80 | 1491.42 |
| * 45.000 | 129.49 | 0.85 | 32.86 | 0.86 | 124.70 | 122.00 | 1176.59 |
| 45.200 | 128.65 | 1.01 | 0. | 0. | 0. | 0. | 1502.90 |
| 45.200 | 129.52 | 1.01 | 0. | 0.85 | 0. | 0. | 1181.97 |
| 49.500 | 129.22 | 0.89 | 1.16 | 0. | 0. | 0. | 1409.23 |
| 49.500 | 130.15 | 0.64 | 1.16 | 0.94 | 0. | 0. | 693.64 |
| * 50.500 | 129.55 | 0.93 | 2.00 | 0. | 0. | 0. | 1240.10 |
| 50.500 | 130.40 | 0.85 | 2.00 | 0.85 | 0. | 0. | 592.95 |
| * 52.500 | 131.72 | 2.46 | 0. | 0. | 130.50 | 125.60 | 3175.75 |
| * 52.500 | 131.51 | 1.57 | 0. | -0.21 | 130.50 | 125.60 | 861.72 |
| 53.000 | 131.60 | 0.37 | -18.00 | 0. | 0. | 0. | 1281.74 |
| 53.000 | 131.29 | 0.59 | -18.00 | -0.31 | 0. | 0. | 549.37 |
| 53.500 | 131.74 | 1.07 | 0. | 0. | 0. | 0. | 1362.63 |
| 53.500 | 131.75 | 1.14 | 0. | 0.01 | 0. | 0. | 617.55 |
| 57.000 | 132.13 | 2.66 | 5.43 | 0. | 0. | 0. | 3210.62 |
| 57.000 | 133.35 | 1.94 | 5.43 | 0.91 | 0. | 0. | 1085.84 |
| 57.200 | 132.14 | 1.01 | 0. | 0. | 0. | 0. | 3225.97 |
| 57.200 | 133.07 | 1.01 | 0. | 0.93 | 0. | 0. | 1089.97 |
| * 58.300 | 132.41 | 0.05 | 2.73 | 0. | 131.50 | 128.20 | 1192.42 |
| * 58.300 | 133.15 | 1.03 | 2.73 | 0.73 | 131.50 | 128.20 | 2521.85 |
| 58.500 | 132.80 | 1.44 | 0. | 0. | 0. | 0. | 1883.66 |
| 58.500 | 133.17 | 1.01 | 0. | 0.37 | 0. | 0. | 2553.29 |

100-YR D MEADOW BRANCH.
SUMMARY PRINTOUT

| SECNO | CWSEL | Q | QLOB | VLQB | QCH | VCH | QROB | VRQB | DEPTH | QLOBX | QCHX | QROBX |
|--------|--------|---------|---------|------|---------|------|---------|------|-------|-------|-------|-------|
| 44.100 | 128.32 | 3470.00 | 2043.52 | 1.96 | 1174.66 | 4.15 | 251.82 | 1.26 | 12.82 | 58.89 | 33.85 | 7.26 |
| 44.100 | 129.33 | 3470.00 | 1353.10 | 2.27 | 1231.99 | 3.93 | 344.93 | 1.67 | 13.83 | 54.56 | 35.50 | 9.94 |
| 44.300 | 128.35 | 3470.00 | 2047.11 | 1.95 | 1167.32 | 4.11 | 255.57 | 1.25 | 12.85 | 58.99 | 33.64 | 7.37 |
| 44.300 | 129.35 | 3470.00 | 1334.66 | 2.26 | 1228.84 | 3.91 | 346.50 | 1.66 | 13.85 | 54.60 | 35.41 | 9.99 |
| 45.000 | 128.62 | 3470.00 | 1891.13 | 1.97 | 1163.70 | 4.00 | 415.17 | 1.72 | 10.82 | 54.50 | 33.54 | 11.96 |
| 45.000 | 129.62 | 3470.00 | 1444.04 | 2.39 | 1445.39 | 4.51 | 580.58 | 2.32 | 11.69 | 41.61 | 41.65 | 16.73 |
| 45.200 | 128.65 | 3470.00 | 1894.98 | 1.95 | 1157.84 | 3.97 | 417.18 | 1.72 | 10.85 | 54.61 | 33.37 | 12.02 |
| 45.200 | 129.62 | 3470.00 | 1446.59 | 2.38 | 1441.56 | 4.48 | 581.85 | 2.31 | 11.72 | 41.69 | 41.54 | 16.77 |
| 49.500 | 129.22 | 3470.00 | 1770.31 | 2.17 | 1170.48 | 4.17 | 528.21 | 1.68 | 10.92 | 51.02 | 33.73 | 15.25 |
| 49.500 | 130.23 | 3470.00 | 252.71 | 2.54 | 2200.65 | 7.03 | 1012.64 | 3.61 | 11.86 | 7.28 | 53.53 | 29.18 |
| 50.500 | 129.55 | 3470.00 | 2026.40 | 2.38 | 1296.87 | 4.54 | 146.73 | 1.42 | 11.05 | 58.40 | 37.37 | 4.23 |
| 50.500 | 130.49 | 3470.00 | 457.53 | 3.25 | 2593.47 | 8.22 | 419.00 | 3.07 | 11.90 | 13.19 | 74.74 | 12.07 |
| 52.500 | 131.72 | 3470.00 | 2086.81 | 1.11 | 781.17 | 2.16 | 600.02 | 0.64 | 13.22 | 60.20 | 22.51 | 17.29 |
| 52.500 | 131.51 | 3470.00 | 994.08 | 2.97 | 2000.48 | 5.65 | 475.44 | 2.74 | 13.01 | 28.65 | 57.65 | 13.70 |
| 53.000 | 131.60 | 3470.00 | 539.09 | 1.94 | 1614.71 | 5.07 | 1116.19 | 1.73 | 14.00 | 15.54 | 52.30 | 32.17 |
| 53.000 | 131.29 | 3470.00 | 605.73 | 3.38 | 2820.04 | 8.17 | 44.23 | 1.76 | 13.69 | 17.46 | 81.27 | 1.27 |
| 53.500 | 131.74 | 3470.00 | 556.47 | 1.86 | 1738.24 | 4.78 | 1175.28 | 1.68 | 14.14 | 16.04 | 50.09 | 33.87 |
| 53.500 | 131.75 | 3470.00 | 729.35 | 3.20 | 2684.25 | 7.36 | 56.70 | 1.87 | 14.15 | 21.01 | 77.36 | 1.63 |
| 57.000 | 132.13 | 3470.00 | 2850.57 | 1.11 | 517.82 | 1.74 | 321.61 | 0.56 | 12.63 | 72.93 | 17.80 | 9.27 |
| 57.000 | 133.05 | 3470.00 | 2075.74 | 2.85 | 1396.26 | 3.89 | 0. | 0. | 13.55 | 59.76 | 40.24 | 0. |
| 57.200 | 132.14 | 3470.00 | 2829.61 | 1.10 | 616.19 | 1.73 | 324.21 | 0.56 | 12.64 | 72.90 | 17.76 | 9.34 |
| 57.200 | 133.07 | 3470.00 | 2075.86 | 2.85 | 1394.14 | 3.87 | 0. | 0. | 13.57 | 59.82 | 40.18 | 0. |
| 58.300 | 132.41 | 3470.00 | 437.99 | 1.33 | 2278.26 | 6.95 | 653.75 | 1.42 | 12.61 | 14.35 | 65.66 | 19.99 |
| 58.300 | 133.15 | 3470.00 | 819.14 | 1.62 | 1348.33 | 3.76 | 1302.53 | 0.96 | 13.35 | 23.61 | 38.86 | 37.54 |
| 58.500 | 132.80 | 3470.00 | 709.45 | 1.19 | 1715.80 | 4.98 | 1044.75 | 1.11 | 13.00 | 20.45 | 49.45 | 30.11 |
| 58.500 | 133.17 | 3470.00 | 823.39 | 1.82 | 1333.47 | 3.71 | 1313.14 | 0.95 | 13.37 | 23.73 | 38.43 | 37.84 |

100-YR Q MEADOW BRANCH,
SUMMARY PRINTOUT

| SECNO | WSEL | VOL | K*XL | K*XNH | K*XNR | .D1K | STCHL | STCHR | SSTA | ENDST | TOPHD |
|--------|--------|-------|-------|-------|-------|---------|--------|--------|--------|---------|---------|
| 44.100 | 128.32 | 0. | 60.00 | 50.00 | 60.00 | 975.10 | 534.00 | 554.00 | 160.80 | 706.40 | 545.60 |
| 44.100 | 129.33 | 0. | 60.00 | 50.00 | 60.00 | 1101.38 | 534.00 | 554.00 | 370.00 | 630.00 | 260.00 |
| 44.300 | 128.35 | 0.70 | 60.00 | 50.00 | 60.00 | 985.62 | 534.00 | 554.00 | 159.28 | 706.91 | 547.63 |
| 44.300 | 129.35 | 0.62 | 60.00 | 50.00 | 60.00 | 1107.61 | 534.00 | 554.00 | 370.00 | 630.00 | 260.00 |
| 45.000 | 128.62 | 3.10 | 60.00 | 50.00 | 60.00 | 992.28 | 533.00 | 568.00 | 197.90 | 669.00 | 471.10 |
| 45.000 | 129.39 | 2.65 | 60.00 | 50.00 | 60.00 | 941.88 | 533.00 | 568.00 | 395.00 | 630.00 | 235.00 |
| 45.200 | 128.65 | 3.83 | 60.00 | 50.00 | 60.00 | 1002.18 | 533.00 | 568.00 | 195.88 | 669.20 | 473.32 |
| 45.200 | 129.52 | 3.20 | 60.00 | 50.00 | 60.00 | 948.32 | 533.00 | 568.00 | 395.00 | 630.00 | 235.00 |
| 49.500 | 129.22 | 13.26 | 60.00 | 50.00 | 60.00 | 890.12 | 832.00 | 857.00 | 443.19 | 1017.43 | 478.27 |
| 49.500 | 130.15 | 12.46 | 60.00 | 50.00 | 60.00 | 567.99 | 832.00 | 867.00 | 790.00 | 940.00 | 150.00 |
| 50.500 | 129.55 | 21.24 | 60.00 | 50.00 | 60.00 | 824.62 | 832.00 | 857.00 | 437.81 | 1234.57 | 458.07 |
| 50.500 | 130.40 | 15.94 | 60.00 | 50.00 | 60.00 | 487.64 | 832.00 | 857.00 | 780.00 | 926.25 | 146.25 |
| 52.500 | 131.72 | 31.38 | 60.00 | 50.00 | 60.00 | 2028.63 | 832.00 | 867.00 | 0. | 1451.54 | 1451.54 |
| 52.500 | 131.51 | 17.78 | 60.00 | 50.00 | 60.00 | 765.79 | 832.00 | 867.00 | 760.00 | 910.00 | 150.00 |
| 53.000 | 131.60 | 33.94 | 60.00 | 50.00 | 60.00 | 747.22 | 483.00 | 527.00 | 326.14 | 925.83 | 595.11 |
| 53.000 | 131.29 | 18.09 | 60.00 | 50.00 | 60.00 | 455.64 | 483.00 | 527.00 | 410.00 | 560.00 | 143.39 |
| 53.500 | 131.74 | 35.45 | 60.00 | 50.00 | 60.00 | 798.54 | 483.00 | 527.00 | 319.95 | 931.35 | 607.70 |
| 53.500 | 131.75 | 18.76 | 60.00 | 50.00 | 60.00 | 510.87 | 483.00 | 527.00 | 405.00 | 555.00 | 146.43 |
| 57.000 | 132.13 | 55.83 | 60.00 | 50.00 | 60.00 | 2120.80 | 728.00 | 774.00 | 130.73 | 1199.92 | 1037.81 |
| 57.000 | 133.03 | 25.69 | 60.00 | 50.00 | 60.00 | 1006.67 | 728.00 | 774.00 | 615.00 | 765.00 | 150.00 |
| 57.200 | 132.14 | 35.30 | 60.00 | 50.00 | 60.00 | 2133.22 | 728.00 | 774.00 | 129.69 | 1201.30 | 1040.84 |
| 57.200 | 133.07 | 26.11 | 60.00 | 50.00 | 60.00 | 1012.58 | 728.00 | 774.00 | 615.00 | 765.00 | 150.00 |
| 58.300 | 132.41 | 60.88 | 60.00 | 50.00 | 60.00 | 533.01 | 730.00 | 772.00 | 200.04 | 1657.26 | 1456.72 |
| 58.300 | 132.15 | 30.65 | 60.00 | 50.00 | 60.00 | 1046.89 | 730.00 | 772.00 | 107.26 | 2000.00 | 1892.74 |
| 59.500 | 132.00 | 61.09 | 60.00 | 50.00 | 60.00 | 768.65 | 730.00 | 772.00 | 150.41 | 2000.00 | 1849.59 |
| 59.500 | 133.17 | 31.82 | 60.00 | 50.00 | 60.00 | 1761.99 | 730.00 | 772.00 | 105.16 | 2000.00 | 1894.84 |

SUMMARY OF ERRORS

CAUTION SECNO= 45.000 PROFILE= 1 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 45.000 PROFILE= 2 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 50.500 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 50.500 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 50.500 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 52.500 PROFILE= 1 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 52.500 PROFILE= 2 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 58.300 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 58.300 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 58.300 PROFILE= 1 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 58.300 PROFILE= 2 HYDRAULIC JUMP D.S.