

C
 T1 FPMS BR FAYETTEVILLE NC FIS
 T2 10 YR NATURAL
 T3 HYBARTS CR MOUTH TO K-MART

| J1 | ICHECK | IND | NINV | IDIR | STRT | METRIC | HVINS | G | WSEL | FQ |
|----|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| | -1. | 6. | -0 | -0 | .003000 | -0 | -0 | -0 | 128,000 | -0 |
| J2 | NPROF | IPLUT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 1,000 | -0 | -1,000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| J3 | -2,000 | 1,000 | 43,000 | 42,000 | 3,000 | 10,000 | 5,000 | 50,000 | 4,000 | 53,000 |
| J3 | 54,000 | 26,000 | 0 | 201,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| ET | -0 | 0 | 150,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NC | .100 | .100 | .060 | .100 | .300 | 0 | 0 | 0 | 0 | 0 |
| QT | 7,000 | 960,000 | 960,000 | 960,000 | 960,000 | 350,000 | 710,000 | 1770,000 | 0 | 0 |
| X1 | 1,000 | 12,000 | 260,000 | 270,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| GR | 134,000 | 0 | 132,000 | 50,000 | 130,000 | 90,000 | 128,000 | 120,000 | 128,000 | 220,000 |
| GR | 128,000 | 260,000 | 127,000 | 265,000 | 128,000 | 270,000 | 128,000 | 400,000 | 130,000 | 440,000 |
| GR | 132,000 | 480,000 | 134,000 | 540,000 | 0 | -3 | 0 | 0 | 0 | 0 |
| X1 | 5,000 | 0 | 0 | 0 | 4,000 | 4,000 | 4,000 | 0 | 0 | 0 |
| X1 | 10,000 | 0 | 0 | 0 | 5,000 | 5,000 | 5,000 | 0 | 0 | 0 |
| X1 | 300,000 | 0 | 0 | 0 | 290,000 | 290,000 | 290,000 | 0 | 1,000 | 0 |
| X1 | 495,000 | 15,000 | 175,000 | 221,000 | 195,000 | 195,000 | 195,000 | 0 | 0 | 0 |
| GR | 145,690 | 0 | 145,700 | 50,000 | 140,500 | 100,000 | 137,300 | 150,000 | 133,500 | 175,000 |
| GR | 128,500 | 187,000 | 128,500 | 200,000 | 128,300 | 218,000 | 133,200 | 221,000 | 134,200 | 250,000 |
| GR | 135,100 | 300,000 | 136,000 | 350,000 | 139,900 | 400,000 | 144,600 | 450,000 | 146,000 | 482,000 |
| NC | .080 | .080 | .030 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| X1 | 500,000 | 16,000 | 194,000 | 206,000 | 5,000 | 5,000 | 5,000 | 0 | 0 | 0 |
| X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 133,000 | 133,000 | 0 |
| GR | 145,600 | 0 | 145,700 | 50,000 | 140,500 | 100,000 | 137,300 | 150,000 | 133,500 | 175,000 |
| GR | 132,000 | 194,000 | 128,500 | 194,000 | 128,500 | 206,000 | 132,000 | 206,000 | 133,200 | 221,000 |
| GR | 134,200 | 250,000 | 135,100 | 300,000 | 136,000 | 350,000 | 139,900 | 400,000 | 144,600 | 450,000 |
| GR | 146,000 | 482,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| SB | 1,250 | 1,990 | 2,500 | 0 | 12,000 | 1,000 | 38,500 | 0 | 128,500 | 128,500 |

MIRROR LAKE DR,

| | | | | | | | | | | |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 550,000 | 0 | 0 | 0 | 50,000 | 50,000 | 50,000 | 0 | 0 | 0 |
| X2 | 0 | 0 | 1,000 | 132,000 | 142,900 | 0 | 0 | 0 | 0 | 0 |
| X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 142,900 | 142,900 | 0 |
| BT | 9,000 | 0 | 146,500 | 0 | 50,000 | 145,600 | 0 | 90,000 | 144,000 | 0 |
| BT | 140,000 | 143,300 | 0 | 190,000 | 142,900 | 0 | 240,000 | 142,900 | 0 | 340,000 |
| BT | 143,800 | 0 | 400,000 | 145,500 | 0 | 450,000 | 147,500 | 0 | 0 | 0 |
| NC | .080 | .080 | .020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ET | 0 | 0 | 250,200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| X1 | 560.000 | 12.000 | 60.000 | 290.000 | 10.000 | 10.000 | 10.000 | -0 | -0 | -0 |
| GR | 146.000 | 0 | 144.000 | 35.000 | 142.000 | 45.000 | 140.000 | 50.000 | 136.000 | 60.000 |
| GR | 130.000 | 80.000 | 130.000 | 280.000 | 136.000 | 290.000 | 140.000 | 300.000 | 142.000 | 315.000 |
| GR | 144.000 | 335.000 | 146.000 | 365.000 | -0 | -0 | -0 | -0 | -0 | -0 |
| QT | 7.000 | 910.000 | 910.000 | 910.000 | 910.000 | 320.000 | 670.000 | 1680.000 | -0 | -0 |
| ET | -0 | -0 | 100.200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 1100.000 | -0 | -0 | -0 | 540.000 | 540.000 | 540.000 | -0 | -0 | -0 |
| NC | .080 | .080 | .050 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 1400.000 | 12.000 | 200.000 | 215.000 | 300.000 | 300.000 | 300.000 | -0 | -0 | -0 |
| GR | 144.000 | 0 | 141.200 | 50.000 | 138.500 | 100.000 | 137.300 | 150.000 | 138.200 | 200.000 |
| GR | 136.800 | 205.000 | 136.300 | 209.000 | 137.100 | 212.000 | 138.000 | 215.000 | 138.600 | 250.000 |
| GR | 140.400 | 300.000 | 143.100 | 423.000 | -0 | -0 | -0 | -0 | -0 | -0 |
| QT | 7.000 | 870.000 | 870.000 | 870.000 | 870.000 | 310.000 | 640.000 | 1610.000 | -0 | -0 |
| X1 | 1900.000 | 11.000 | 195.000 | 205.000 | 500.000 | 500.000 | 500.000 | -0 | -0 | -0 |
| GR | 148.000 | 0 | 146.000 | 15.000 | 144.000 | 35.000 | 142.000 | 80.000 | 140.000 | 195.000 |
| GR | 138.000 | 200.000 | 140.000 | 205.000 | 142.000 | 320.000 | 144.000 | 390.000 | 146.000 | 360.000 |
| GR | 148.000 | 410.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 2400.000 | 14.000 | 200.000 | 213.000 | 500.000 | 500.000 | 500.000 | -0 | -0 | -0 |
| GR | 146.200 | 83.000 | 144.400 | 100.000 | 142.300 | 150.000 | 141.000 | 200.000 | 139.300 | 203.000 |
| GR | 139.400 | 206.000 | 139.800 | 209.000 | 141.600 | 213.000 | 140.900 | 250.000 | 140.900 | 300.000 |
| GR | 141.200 | 350.000 | 142.100 | 400.000 | 142.700 | 415.000 | 146.200 | 434.000 | -0 | -0 |
| ET | -0 | -0 | 80.200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 2700.000 | 14.000 | 245.000 | 255.000 | 300.000 | 300.000 | 300.000 | -0 | -0 | -0 |
| GR | 154.000 | 0 | 152.000 | 30.000 | 150.000 | 50.000 | 148.000 | 75.000 | 146.000 | 135.000 |
| GR | 144.000 | 245.000 | 141.000 | 248.000 | 141.000 | 252.000 | 144.000 | 255.000 | 146.000 | 280.000 |
| GR | 148.000 | 305.000 | 150.000 | 325.000 | 152.000 | 340.000 | 154.000 | 355.000 | -0 | -0 |
| QT | 7.000 | 800.000 | 800.000 | 800.000 | 800.000 | 290.000 | 600.000 | 1510.000 | -0 | -0 |
| X1 | 3150.000 | 12.000 | 100.000 | 112.000 | 450.000 | 450.000 | 450.000 | -0 | -0 | -0 |
| GR | 152.000 | 0 | 146.700 | 50.000 | 145.800 | 75.000 | 142.700 | 100.000 | 141.400 | 102.000 |
| GR | 140.900 | 106.000 | 141.100 | 110.000 | 142.700 | 112.000 | 144.400 | 150.000 | 145.300 | 200.000 |
| GR | 145.400 | 242.000 | 152.000 | 267.000 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 3550.000 | -0 | -0 | -0 | 400.000 | 400.000 | 400.000 | -0 | 800 | -0 |
| QT | 7.000 | 760.000 | 760.000 | 760.000 | 760.000 | 270.000 | 560.000 | 1430.000 | -0 | -0 |
| X1 | 4050.000 | 11.000 | 200.000 | 211.000 | 500.000 | 500.000 | 500.000 | -0 | -0 | -0 |
| GR | 154.100 | 86.000 | 151.000 | 100.000 | 148.300 | 150.000 | 147.000 | 200.000 | 142.700 | 203.000 |
| GR | 142.600 | 208.000 | 145.000 | 211.000 | 149.000 | 220.000 | 148.300 | 250.000 | 149.700 | 300.000 |
| GR | 151.100 | 343.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 4550.000 | -0 | -0 | -0 | 500.000 | 500.000 | 500.000 | .760 | 2.000 | -0 |
| X1 | 4850.000 | 19.000 | 387.000 | 408.000 | 300.000 | 300.000 | 300.000 | -0 | -0 | -0 |
| GR | 164.500 | 0 | 162.900 | 50.000 | 161.700 | 100.000 | 161.300 | 150.000 | 161.200 | 200.000 |
| GR | 160.100 | 250.000 | 159.700 | 300.000 | 159.700 | 350.000 | 159.400 | 387.000 | 151.200 | 395.000 |
| GR | 151.700 | 400.000 | 151.400 | 403.000 | 0.500 | 408.000 | 161.700 | 450.000 | 162.500 | 500.000 |
| GR | 163.700 | 550.000 | 164.600 | 600.000 | 163.900 | 650.000 | 167.400 | 700.000 | -0 | -0 |
| NC | .080 | .080 | .025 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| QT | 7.000 | 720.000 | 720.000 | 720.000 | 720.000 | 250.000 | 530.000 | 1360.000 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 4950.000 | 19.000 | 394.700 | 403.000 | 100.000 | 100.000 | 100.000 | -0 | -0 | -0 |
| X3 | 10.000 | 0 | 0 | 0 | 0 | 0 | 0 | 160.000 | 160.000 | 0 |
| GR | 164.500 | 0 | 162.900 | 50.000 | 161.700 | 100.000 | 161.300 | 150.000 | 161.200 | 200.000 |
| GR | 160.100 | 250.000 | 159.700 | 300.000 | 159.700 | 350.000 | 159.400 | 387.000 | 151.200 | 394.700 |
| GR | 151.700 | 400.000 | 151.400 | 403.000 | 160.500 | 408.000 | 161.700 | 450.000 | 162.500 | 500.000 |
| GR | 163.700 | 550.000 | 164.600 | 600.000 | 165.900 | 650.000 | 167.400 | 700.000 | 0 | 0 |
| SB | .900 | 1.480 | 2.600 | 0 | 8.350 | 0 | 58.000 | 0 | 153.500 | 153.100 |

MORGANTON RD.

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 5000.000 | 0 | 0 | 0 | 50.000 | 50.000 | 50.000 | 0 | 0 | 0 |
| X2 | 0 | 0 | 1.000 | 160.500 | 162.700 | 0 | 0 | 0 | 0 | 0 |
| X3 | 10.000 | 0 | 0 | 0 | 0 | 0 | 0 | 162.700 | 162.700 | 0 |
| BT | 10.000 | 0 | 170.000 | 0 | 50.000 | 165.600 | 0 | 150.000 | 164.000 | 0 |
| BT | 250.000 | 163.000 | 0 | 294.700 | 162.700 | 160.500 | 403.000 | 162.700 | 160.500 | 450.000 |
| BT | 163.100 | 0 | 550.000 | 164.400 | 0 | 650.000 | 166.200 | 0 | 695.000 | 167.400 |
| BT | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NC | .080 | .080 | .050 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 5050.000 | 0 | 0 | 0 | 50.000 | 50.000 | 50.000 | 0 | 0 | 0 |
| ET | 0 | 0 | 50.200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| X1 | 5300.000 | 12.000 | 100.000 | 125.000 | 250.000 | 250.000 | 250.000 | 0 | 0 | 0 |
| GR | 170.000 | 0 | 160.000 | 90.000 | 158.000 | 100.000 | 195.000 | 105.000 | 155.000 | 120.000 |
| GR | 158.000 | 125.000 | 160.000 | 170.000 | 162.000 | 195.000 | 164.000 | 225.000 | 166.000 | 235.000 |
| GR | 168.000 | 250.000 | 170.000 | 310.000 | 0 | 0 | 0 | 0 | 0 | 0 |
| NC | .050 | .050 | .020 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| X1 | 5500.000 | 18.000 | 291.000 | 317.000 | 200.000 | 200.000 | 200.000 | 0 | 0 | 0 |
| GR | 176.800 | 50.000 | 167.700 | 100.000 | 167.500 | 150.000 | 165.000 | 200.000 | 160.800 | 250.000 |
| GR | 160.300 | 291.000 | 157.000 | 295.000 | 157.000 | 300.000 | 157.000 | 308.000 | 160.100 | 317.000 |
| GR | 161.700 | 350.000 | 165.400 | 379.000 | 169.400 | 395.000 | 170.100 | 400.000 | 170.300 | 420.000 |
| GR | 170.400 | 450.000 | 172.400 | 451.000 | 176.500 | 487.000 | 0 | 0 | 0 | 0 |
| QT | 7.000 | 690.000 | 690.000 | 690.000 | 690.000 | 240.000 | 510.000 | 1310.000 | 0 | 0 |

TOP OF DAM

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 5550.000 | 11.000 | 414.000 | 445.000 | 50.000 | 50.000 | 50.000 | 0 | 0 | 0 |
| GR | 176.400 | 75.000 | 174.400 | 100.000 | 172.200 | 200.000 | 172.700 | 295.000 | 172.400 | 300.000 |
| GR | 172.100 | 400.000 | 171.300 | 414.000 | 169.500 | 415.000 | 169.500 | 443.000 | 171.300 | 445.000 |
| GR | 176.400 | 479.000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| NC | .080 | .080 | .015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ET | 0 | 0 | 300.200 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| X1 | 5600.000 | 6.000 | 40.000 | 260.000 | 50.000 | 50.000 | 50.000 | 0 | 0 | 0 |
| GR | 180.000 | 0 | 170.000 | 40.000 | 160.000 | 80.000 | 160.000 | 220.000 | 170.000 | 260.000 |
| GR | 180.000 | 310.000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| QT | 7.000 | 670.000 | 670.000 | 670.000 | 670.000 | 230.000 | 490.000 | 1270.000 | 0 | 0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---|---------|---------|---------|---|-------|---|
| X1 | 6000.000 | 0 | 0 | 0 | 400.000 | 400.000 | 400.000 | 0 | 2.000 | 0 |
| QT | 2.000 | 640.000 | 640.000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|----|----------|---|---|---|---------|---------|---------|---|-------|---|
| X1 | 6500.000 | 0 | 0 | 0 | 500.000 | 500.000 | 500.000 | 0 | 2.000 | 0 |
|----|----------|---|---|---|---------|---------|---------|---|-------|---|

| | | | | | | | | | | |
|----|----------|---|---|---|---------|---------|---------|------|-------|---|
| X1 | 6900.000 | 0 | 0 | 0 | 400.000 | 400.000 | 400.000 | .650 | 2.000 | 0 |
|----|----------|---|---|---|---------|---------|---------|------|-------|---|

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| QT | 7,000 | 530,000 | 530,000 | 530,000 | 530,000 | 220,000 | 480,000 | 1190,000 | -0 | -0 |
| ET | -0 | -0 | 50,200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 6950,000 | 17,000 | 185,000 | 212,000 | 50,000 | 50,000 | 50,000 | -0 | -0 | -0 |
| GR | 187,600 | 30,000 | 184,600 | 50,000 | 175,200 | 100,000 | 171,500 | 120,000 | 169,700 | 150,000 |
| GR | 169,700 | 183,000 | 166,100 | 185,000 | 166,200 | 200,000 | 166,400 | 212,000 | 169,500 | 215,000 |
| GR | 169,700 | 250,000 | 171,700 | 300,000 | 175,800 | 344,000 | 177,600 | 350,000 | 184,500 | 368,000 |
| GR | 184,800 | 375,000 | 187,600 | 400,000 | -0 | -0 | -0 | -0 | -0 | -0 |
| SB | 1,250 | 2,000 | 2,500 | -0 | 27,000 | 23,000 | 10,000 | 0 | 167,800 | 167,800 |

TOP OF DAM

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 7000,000 | -0 | -0 | -0 | 50,000 | 50,000 | 50,000 | -0 | -0 | -0 |
| X2 | -0 | -0 | 1,000 | 169,800 | 185,800 | -0 | -0 | -0 | -0 | -0 |
| X3 | 10,000 | -0 | -0 | -0 | -0 | -0 | -0 | 185,800 | 185,800 | -0 |
| BT | 9,000 | 6,000 | 192,000 | -0 | 50,000 | 188,500 | -0 | 100,000 | 187,000 | -0 |
| BT | 150,000 | 186,500 | -0 | 200,000 | 186,400 | -0 | 250,000 | 186,400 | -0 | 300,000 |
| BT | 186,500 | -0 | 350,000 | 185,800 | -0 | 430,000 | 192,000 | -0 | -0 | -0 |
| ET | -0 | -0 | 315,200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 7050,000 | 10,000 | 55,000 | 260,000 | 50,000 | 50,000 | 50,000 | -0 | -0 | -0 |
| GR | 190,000 | 0 | 188,000 | 20,000 | 186,000 | 40,000 | 184,000 | 55,000 | 180,000 | 80,000 |
| GR | 170,000 | 120,000 | 170,000 | 165,000 | 180,000 | 230,000 | 184,000 | 260,000 | 190,000 | 330,000 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|----|----|
| X1 | 7500,000 | -0 | -0 | -0 | 450,000 | 450,000 | 450,000 | .700 | -0 | -0 |
| QT | 7,000 | 580,000 | 580,000 | 580,000 | 580,000 | 200,000 | 420,000 | 1100,000 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|----|----|----|---------|---------|---------|-------|-------|----|
| X1 | 8000,000 | -0 | -0 | -0 | 500,000 | 500,000 | 500,000 | 1,430 | 8,000 | -0 |
|----|----------|----|----|----|---------|---------|---------|-------|-------|----|

| | | | | | | | | | | |
|----|----------|------|--------|----|---------|---------|---------|------|-------|----|
| X1 | 8300,000 | -0 | -0 | -0 | 300,000 | 300,000 | 300,000 | .550 | 4,000 | -0 |
| NC | .080 | .080 | .015 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| ET | -0 | -0 | 50,200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 8550,000 | 11,000 | 98,500 | 107,000 | 250,000 | 250,000 | 250,000 | -0 | -0 | -0 |
| X3 | 10,000 | -0 | -0 | -0 | -0 | -0 | -0 | 186,700 | 186,700 | -0 |
| GR | 194,500 | 9,000 | 188,200 | 50,000 | 186,300 | 82,000 | 180,700 | 93,000 | 179,100 | 98,500 |
| GR | 180,400 | 107,000 | 182,600 | 110,000 | 183,800 | 150,000 | 184,400 | 200,000 | 190,100 | 250,000 |
| GR | 194,500 | 277,000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| SB | 1,250 | 1,620 | 2,600 | -0 | 8,500 | -0 | 38,200 | -0 | 181,200 | 181,100 |

SKYE DR.

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| X1 | 8600,000 | -0 | -0 | -0 | 50,000 | 50,000 | 50,000 | -0 | -0 | -0 |
| X2 | -0 | -0 | 1,000 | 185,700 | 186,700 | -0 | -0 | -0 | -0 | -0 |
| X3 | 10,000 | -0 | -0 | -0 | -0 | -0 | -0 | 186,700 | 186,700 | -0 |
| BT | 7,000 | 9,000 | 194,500 | -0 | 50,000 | 188,200 | -0 | 98,500 | 187,000 | 185,700 |
| BT | 107,000 | 187,000 | 185,700 | 150,000 | 186,700 | -0 | 200,000 | 186,700 | -0 | 250,000 |
| BT | 190,000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| NC | .080 | .080 | .050 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| QT | 7,000 | 560,000 | 560,000 | 560,000 | 560,000 | 190,000 | 400,000 | 1060,000 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|----|----|
| X1 | 8650,000 | -0 | -0 | -0 | 50,000 | 50,000 | 50,000 | -0 | -0 | -0 |
| QT | 7,000 | 530,000 | 530,000 | 530,000 | 530,000 | 180,000 | 380,000 | 1000,000 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 9150,000 | 15,000 | 200,000 | 207,000 | 500,000 | 500,000 | 500,000 | -0 | -0 | -0 |
| GR | 196,000 | 0 | 192,100 | 50,000 | 191,300 | 74,000 | 191,100 | 100,000 | 188,200 | 127,000 |

| | | | | | | | | | | |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| GR | 187,000 | 190,000 | 188,000 | 200,000 | 188,000 | 203,000 | 189,900 | 209,000 | 188,900 | 207,000 |
| GR | 188,000 | 212,000 | 190,900 | 234,000 | 192,500 | 241,000 | 194,200 | 250,000 | 195,700 | 256,000 |
| QT | 7,000 | 500,000 | 500,000 | 500,000 | 500,000 | 160,000 | 350,000 | 930,000 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 9550,000 | 15,000 | 100,000 | 111,000 | 400,000 | 400,000 | 400,000 | -0 | -0 | -0 |
| GR | 206,300 | 77,000 | 205,800 | 84,000 | 197,000 | 93,000 | 195,200 | 100,000 | 193,800 | 102,000 |
| GR | 193,500 | 104,000 | 193,700 | 105,000 | 195,600 | 106,000 | 199,800 | 111,000 | 201,000 | 119,000 |
| GR | 199,800 | 150,000 | 199,600 | 200,000 | 200,000 | 250,000 | 202,000 | 261,000 | 206,600 | 300,000 |

K-MART

| | | | | | | | | | | |
|----|-----------|----|----|----|---------|---------|---------|----|----|----|
| X1 | 10000,000 | -0 | -0 | -0 | 450,000 | 450,000 | 450,000 | -0 | -0 | -0 |
| EJ | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

 INTERACTIVE HEC2 VERSION UPDATED SEPT 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 50,51,52,53,54,55,56,57,58,59

T1 FPMS BR FAYETTEVILLE NC FIS
 T2 50 YR NATURAL
 T3 HYBARTS CR MOUTH TO K-MART

J1 ICHECK INO NINV IDIR STRT METRIC HVINS 0 WSEL FQ
 -10. 7. -0 0 003000 -0 0 -0 129.000 -0

J2 NPROF I PLOT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE
 2.000 -0 -1.000 0 -0 -0 -0 -0 -0 -0

*PROF 2

CCHV= .100 CEHV= .300

*SECNO 1.000

| SECNO | DEPTH | WSEL | CRWS | WSELK | EG | HV | HL | LOSS | BANK | ELEV |
|-------|-------|------|-------|--------|------|-------|-------|--------|------------|------|
| 0 | QLOB | QCH | OROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT | |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA | |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPHTD | ENDST | |

| | | | | | | | | | | |
|---------|------|--------|------|--------|--------|------|---|--------|--------|--|
| 1.00 | 2.84 | 129.84 | 0 | 129.00 | 129.87 | .03 | 0 | 0 | 128.00 | |
| 710. | 335. | 55. | 319. | 284. | 23. | 274. | 0 | 0 | 128.00 | |
| 0 | 1.18 | 2.36 | 1.17 | .100 | .060 | .100 | 0 | 127.00 | 92.33 | |
| .002990 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 344.57 | 436.90 | |

*SECNO 5.000

| | | | | | | | | | | |
|---------|------|--------|------|------|--------|------|------|--------|--------|--|
| 5.00 | 2.86 | 129.86 | 0 | 0 | 129.88 | .03 | .01 | .00 | 128.00 | |
| 710. | 335. | 55. | 319. | 286. | 24. | 276. | 0. | 0. | 128.00 | |
| .00 | 1.17 | 2.34 | 1.16 | .100 | .060 | .100 | .048 | 127.00 | 92.15 | |
| .002925 | 4. | 4. | 4. | 0 | 0 | 1 | 0 | 344.99 | 437.14 | |

*SECNO 10.000

| | | | | | | | | | | |
|---------|------|--------|------|------|--------|------|------|--------|--------|--|
| 10.00 | 2.87 | 129.87 | 0 | 0 | 129.90 | .03 | .01 | .00 | 128.00 | |
| 710. | 335. | 55. | 320. | 288. | 24. | 278. | 0. | 0. | 128.00 | |
| .00 | 1.16 | 2.32 | 1.15 | .100 | .060 | .100 | .049 | 127.00 | 91.92 | |
| .002847 | 5. | 5. | 5. | 0 | 0 | 1 | 0 | 345.51 | 437.43 | |

*SECNO 300.000

| | | | | | | | | | | |
|---------|------|--------|------|------|--------|------|------|--------|--------|--|
| 300.00 | 2.77 | 130.77 | 0 | 0 | 130.80 | .03 | .90 | .00 | 129.00 | |
| 710. | 335. | 56. | 319. | 272. | 23. | 262. | 4. | 2. | 129.00 | |
| .06 | 1.23 | 2.47 | 1.22 | .100 | .060 | .100 | .059 | 128.00 | 93.40 | |
| .003423 | 290. | 290. | 290. | 2 | 0 | 1 | 0 | 342.06 | 435.46 | |

*SECNO 495.000

3301 HV CHANGED MORE THAN HVINS

 INTERACTIVE HEC2 VERSION UPDATED SEPT 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 50,51,52,53,54,55,56,57,58,59

T1 FPMS BR FAYETTEVILLE NC FIS
 T2 500 YR NATURAL
 T3 HYBARTS CR MOUTH TO K-MART

J1 ICHECK INO NINV IDIR STRT METRIC HVINS 0 WSEL FO
 .10, 6, -0, .0, .003000, .0, -0, -0, 132.000, -0

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE
 15.000, .0, -1.000, .0, -0, -0, -0, -0, .0, -0, -0

*PROF 4

CCHV=.100 CEHV=.300

*SECNO 1.000

| SECNO | DEPTH | CWSEL | CRIS | WSELK | EG | HV | HL | GLOSS | BANK | ELEV |
|-------|-------|-------|-------|--------|------|-------|-------|--------|------------|------|
| 0 | QLOB | QCH | OROB | ALOB | ACH | AROB | VOL | TWA | LEFT/RIGHT | |
| TIME | VLOB | VCH | VROB | XNL | XNCH | XNR | WTN | ELMIN | SSTA | |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST | |

| | | | | | | | | | | |
|---------|------|--------|------|--------|--------|------|---|--------|--------|--|
| 1.00 | 4.10 | 131.10 | 0 | 132.00 | 131.15 | .05 | 0 | 0 | 128.00 | |
| 1770. | 841. | 113. | 816. | 509. | 36. | 499. | 0 | 0 | 128.00 | |
| 0 | 1.65 | 3.15 | 1.63 | .100 | .060 | .100 | 0 | 127.00 | 68.03 | |
| .003002 | 0 | 0 | 0 | 0 | 0 | 5 | 0 | 393.95 | 461.97 | |

*SECNO 5.000

| | | | | | | | | | | |
|---------|------|--------|------|------|--------|------|------|--------|--------|--|
| 5.00 | 4.11 | 131.11 | 0 | 0 | 131.16 | .05 | .01 | .00 | 128.00 | |
| 1770. | 841. | 113. | 816. | 511. | 36. | 501. | 0. | 0. | 128.00 | |
| .00 | 1.65 | 3.13 | 1.63 | .100 | .060 | .100 | .048 | 127.00 | 67.79 | |
| .002960 | 4. | 4. | 4. | 0 | 0 | 1 | 0 | 394.43 | 462.21 | |

*SECNO 10.000

| | | | | | | | | | | |
|---------|------|--------|------|------|--------|------|------|--------|--------|--|
| 10.00 | 4.13 | 131.13 | 0 | 0 | 131.17 | .05 | .01 | .00 | 128.00 | |
| 1770. | 841. | 113. | 816. | 514. | 36. | 504. | 0. | 0. | 128.00 | |
| .00 | 1.64 | 3.11 | 1.62 | .100 | .060 | .100 | .049 | 127.00 | 67.49 | |
| .002910 | 5. | 5. | 5. | 0 | 0 | 1 | 0 | 395.02 | 462.51 | |

*SECNO 300.000

| | | | | | | | | | | |
|---------|------|--------|------|------|--------|------|------|--------|--------|--|
| 300.00 | 4.02 | 132.02 | 0 | 0 | 132.07 | .05 | .90 | .00 | 129.00 | |
| 1770. | 841. | 114. | 815. | 494. | 35. | 484. | 7. | 3. | 129.00 | |
| .05 | 1.70 | 3.24 | 1.68 | .100 | .060 | .100 | .059 | 128.00 | 69.60 | |
| .003290 | 290. | 290. | 290. | 2 | 0 | 1 | 0 | 390.80 | 460.40 | |

*SECNO 495.000
 3685 20 TRIALS USED WSEL,CWSEL

SUMMARY PRINTOUT

HYBARTS CR MOUTH TO K-MA

| SECNO | CWSEL | Q | ELMIN | EG | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|---------|--------|---------|--------|--------|------|--------|--------|--------|--------|--------|------|
| 1.00 | 129.21 | 350.00 | 127.00 | 129.23 | .02 | 30.02 | 0 | 322.37 | 101.84 | 424.21 | 1.9 |
| 1.00 | 129.84 | 710.00 | 127.00 | 129.87 | .03 | 29.90 | .63 | 344.57 | 92.33 | 436.90 | 2.3 |
| 1.00 | 130.18 | 960.00 | 127.00 | 130.21 | .03 | 30.58 | .34 | 357.26 | 86.37 | 443.63 | 2.6 |
| 1.00 | 131.10 | 1770.00 | 127.00 | 131.15 | .05 | 30.02 | .92 | 393.95 | 68.03 | 461.97 | 3.1 |
| 5.00 | 129.22 | 350.00 | 127.00 | 129.24 | .02 | 29.05 | 0 | 322.79 | 101.66 | 424.45 | 1.8 |
| 5.00 | 129.86 | 710.00 | 127.00 | 129.88 | .03 | 29.25 | .63 | 344.99 | 92.15 | 437.14 | 2.3 |
| 5.00 | 130.19 | 960.00 | 127.00 | 130.23 | .03 | 29.98 | .34 | 357.75 | 86.13 | 443.87 | 2.5 |
| 5.00 | 131.11 | 1770.00 | 127.00 | 131.16 | .05 | 29.60 | .92 | 394.43 | 67.79 | 462.21 | 3.1 |
| 10.00 | 129.24 | 350.00 | 127.00 | 129.25 | .02 | 27.91 | 0 | 323.31 | 101.44 | 424.75 | 1.8 |
| 10.00 | 129.87 | 710.00 | 127.00 | 129.90 | .03 | 28.47 | .63 | 345.51 | 91.92 | 437.43 | 2.3 |
| 10.00 | 130.21 | 960.00 | 127.00 | 130.24 | .03 | 29.27 | .34 | 358.35 | 85.82 | 444.18 | 2.5 |
| 10.00 | 131.13 | 1770.00 | 127.00 | 131.17 | .05 | 29.10 | .92 | 395.02 | 67.49 | 462.51 | 3.1 |
| 300.00 | 130.15 | 350.00 | 128.00 | 130.17 | .02 | 35.74 | 0 | 320.21 | 102.77 | 422.98 | 2.0 |
| 300.00 | 130.77 | 710.00 | 128.00 | 130.80 | .03 | 34.23 | .63 | 342.06 | 93.40 | 435.46 | 2.4 |
| 300.00 | 131.12 | 960.00 | 128.00 | 131.15 | .04 | 33.87 | .35 | 354.75 | 87.62 | 442.38 | 2.7 |
| 300.00 | 132.02 | 1770.00 | 128.00 | 132.07 | .05 | 32.90 | .90 | 390.80 | 69.60 | 460.40 | 3.2 |
| 495.00 | 131.03 | 350.00 | 128.30 | 131.26 | .23 | 85.71 | 0 | 38.73 | 180.94 | 219.67 | 3.8 |
| 495.00 | 131.65 | 710.00 | 128.30 | 132.24 | .59 | 168.80 | .62 | 40.61 | 179.44 | 220.05 | 6.1 |
| 495.00 | 131.90 | 960.00 | 128.30 | 132.81 | .92 | 239.07 | .25 | 41.37 | 178.84 | 220.20 | 7.6 |
| 495.00 | 132.76 | 1770.00 | 128.30 | 134.62 | 1.86 | 378.07 | .87 | 43.97 | 176.77 | 220.73 | 10.9 |
| 500.00 | 131.47 | 350.00 | 128.50 | 132.97 | 1.50 | 157.49 | 0 | 12.00 | 194.00 | 206.00 | 9.8 |
| 500.00 | 133.90 | 710.00 | 128.50 | 135.20 | 1.29 | 74.43 | 2.43 | 69.06 | 172.35 | 241.40 | 9.6 |
| 500.00 | 134.76 | 960.00 | 128.50 | 135.91 | 1.14 | 61.99 | .86 | 114.67 | 166.68 | 281.35 | 9.7 |
| 500.00 | 136.09 | 1770.00 | 128.50 | 137.22 | 1.12 | 61.57 | 1.33 | 193.28 | 157.93 | 351.21 | 11.0 |
| 550.00 | 133.50 | 350.00 | 128.50 | 134.02 | .53 | 33.05 | 0 | 12.00 | 194.00 | 206.00 | 5.8 |
| 550.00 | 143.25 | 710.00 | 128.50 | 143.25 | .00 | .13 | 9.75 | 362.13 | 73.53 | 435.67 | .7 |
| 550.00 | 143.85 | 960.00 | 128.50 | 143.85 | .00 | .19 | .60 | 374.26 | 67.78 | 442.03 | .9 |
| 550.00 | 144.70 | 1770.00 | 128.50 | 144.71 | .01 | .46 | .85 | 392.90 | 59.55 | 452.45 | 1.5 |
| 560.00 | 134.07 | 350.00 | 130.00 | 134.08 | .00 | .05 | 0 | 220.37 | 66.42 | 286.79 | .4 |
| 560.00 | 143.25 | 710.00 | 130.00 | 143.25 | .00 | .00 | 9.18 | 288.78 | 38.74 | 327.52 | .2 |
| 560.00 | 143.85 | 960.00 | 130.00 | 143.85 | .00 | .01 | .60 | 297.75 | 35.75 | 333.50 | .3 |
| 560.00 | 144.71 | 1770.00 | 130.00 | 144.71 | .00 | .01 | .86 | 323.03 | 22.60 | 345.63 | .5 |
| 1100.00 | 134.08 | 320.00 | 130.00 | 134.08 | .00 | .04 | 0 | 220.38 | 66.41 | 286.79 | .3 |
| 1100.00 | 143.25 | 670.00 | 130.00 | 143.25 | .00 | .00 | 9.18 | 288.83 | 38.72 | 327.55 | .2 |
| 1100.00 | 143.85 | 910.00 | 130.00 | 143.85 | .00 | .00 | .60 | 297.83 | 35.72 | 333.55 | .2 |
| 1100.00 | 144.71 | 1680.00 | 130.00 | 144.71 | .00 | .01 | .86 | 323.26 | 22.48 | 345.73 | .5 |
| 1400.00 | 138.52 | 320.00 | 136.30 | 138.84 | .31 | 290.32 | 0 | 145.96 | 99.57 | 245.53 | 6.2 |
| 1400.00 | 143.25 | 670.00 | 136.30 | 143.25 | .00 | .91 | 4.73 | 409.71 | 13.29 | 423.00 | .9 |
| 1400.00 | 143.85 | 910.00 | 136.30 | 143.85 | .01 | 1.06 | .60 | 420.42 | 2.58 | 423.00 | 1.0 |
| 1400.00 | 144.70 | 1680.00 | 136.30 | 144.72 | .01 | 2.02 | .86 | 423.00 | 0 | 423.00 | 1.6 |
| 1900.00 | 142.00 | 310.00 | 138.00 | 142.06 | .05 | 26.65 | 0 | 239.46 | 80.27 | 319.73 | 3.0 |
| 1900.00 | 143.34 | 640.00 | 138.00 | 143.36 | .02 | 9.00 | 1.34 | 290.19 | 49.89 | 340.07 | 2.2 |
| 1900.00 | 143.95 | 870.00 | 138.00 | 143.97 | .02 | 7.77 | .61 | 312.95 | 36.23 | 349.18 | 2.2 |
| 1900.00 | 144.88 | 1610.00 | 138.00 | 144.92 | .04 | 10.24 | .93 | 328.14 | 26.24 | 354.38 | 2.9 |

| SECNO | CHSEL | Q | ELMIN | EG | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|---------|--------|---------|--------|--------|------|--------|--------|--------|--------|--------|------|
| 2400.00 | 142.75 | 310.00 | 139.30 | 142.77 | .01 | 8.75 | 0 | 276.15 | 139.15 | 415.30 | 1.6 |
| 2400.00 | 143.75 | 640.00 | 139.30 | 143.76 | .02 | 7.19 | .99 | 309.07 | 115.60 | 420.67 | 1.8 |
| 2400.00 | 144.31 | 870.00 | 139.30 | 144.33 | .02 | 6.64 | .56 | 321.55 | 102.18 | 423.73 | 1.9 |
| 2400.00 | 145.34 | 1610.00 | 139.30 | 145.37 | .03 | 8.18 | 1.03 | 336.21 | 91.12 | 429.33 | 2.4 |
| 2700.00 | 145.20 | 310.00 | 141.00 | 145.78 | .58 | 152.80 | 0 | 90.74 | 179.21 | 269.95 | 7.0 |
| 2700.00 | 146.02 | 640.00 | 141.00 | 146.56 | .54 | 144.98 | .83 | 145.93 | 134.34 | 280.27 | 7.9 |
| 2700.00 | 146.31 | 870.00 | 141.00 | 146.87 | .57 | 155.30 | .29 | 158.17 | 125.70 | 283.87 | 8.5 |
| 2700.00 | 146.95 | 1610.00 | 141.00 | 147.66 | .70 | 189.46 | .65 | 185.58 | 106.35 | 291.94 | 10.3 |
| 3150.00 | 146.43 | 290.00 | 140.90 | 146.45 | .02 | 4.46 | 0 | 188.20 | 57.67 | 249.88 | 1.7 |
| 3150.00 | 147.38 | 600.00 | 140.90 | 147.41 | .03 | 6.23 | .95 | 205.92 | 43.58 | 249.50 | 2.3 |
| 3150.00 | 147.82 | 800.00 | 140.90 | 147.86 | .04 | 7.22 | .44 | 211.67 | 39.48 | 251.15 | 2.6 |
| 3150.00 | 148.92 | 1510.00 | 140.90 | 148.99 | .07 | 10.30 | 1.10 | 226.26 | 29.07 | 255.33 | 3.4 |
| 3550.00 | 146.66 | 290.00 | 141.70 | 146.71 | .05 | 9.86 | 0 | 170.57 | 73.19 | 243.76 | 2.4 |
| 3550.00 | 147.69 | 600.00 | 141.70 | 147.74 | .05 | 10.70 | 1.02 | 199.42 | 48.22 | 247.64 | 2.8 |
| 3550.00 | 148.16 | 800.00 | 141.70 | 148.22 | .06 | 11.29 | .47 | 205.66 | 43.76 | 249.43 | 3.1 |
| 3550.00 | 149.38 | 1510.00 | 141.70 | 149.46 | .08 | 13.36 | 1.22 | 221.76 | 32.28 | 254.04 | 3.8 |
| 4050.00 | 147.41 | 270.00 | 142.60 | 147.94 | .54 | 94.68 | 0 | 32.38 | 184.05 | 216.43 | 6.0 |
| 4050.00 | 148.45 | 560.00 | 142.60 | 149.33 | .88 | 131.65 | 1.04 | 83.30 | 147.23 | 255.35 | 8.3 |
| 4050.00 | 149.05 | 760.00 | 142.60 | 149.79 | .74 | 112.99 | .60 | 140.70 | 136.10 | 276.80 | 8.3 |
| 4050.00 | 150.41 | 1430.00 | 142.60 | 150.83 | .42 | 70.76 | 1.36 | 210.66 | 111.01 | 321.67 | 7.6 |
| 4550.00 | 150.74 | 270.00 | 144.60 | 150.98 | .23 | 41.42 | 0 | 85.18 | 128.46 | 222.57 | 4.5 |
| 4550.00 | 152.05 | 560.00 | 144.60 | 152.21 | .16 | 30.99 | 1.30 | 146.77 | 110.02 | 256.79 | 4.5 |
| 4550.00 | 152.49 | 760.00 | 144.60 | 152.66 | .17 | 33.53 | .44 | 163.18 | 103.85 | 267.03 | 4.9 |
| 4550.00 | 153.39 | 1430.00 | 144.60 | 153.62 | .23 | 44.62 | .91 | 186.02 | 95.30 | 281.32 | 6.1 |
| 4850.00 | 154.38 | 270.00 | 151.20 | 155.60 | 1.22 | 371.34 | 0 | 12.74 | 391.90 | 404.64 | 8.8 |
| 4850.00 | 155.96 | 560.00 | 151.20 | 157.72 | 1.76 | 351.51 | 1.58 | 15.15 | 390.35 | 405.51 | 10.6 |
| 4850.00 | 156.83 | 760.00 | 151.20 | 158.87 | 2.04 | 344.55 | .86 | 16.47 | 389.51 | 405.98 | 11.4 |
| 4850.00 | 160.58 | 1430.00 | 151.20 | 161.61 | 1.03 | 113.80 | 3.76 | 162.78 | 228.09 | 410.87 | 8.8 |
| 4950.00 | 155.52 | 250.00 | 151.20 | 156.38 | .87 | 29.67 | 0 | 8.30 | 394.70 | 403.00 | 7.4 |
| 4950.00 | 156.85 | 530.00 | 151.20 | 159.05 | 2.20 | 57.82 | 1.33 | 8.30 | 394.70 | 403.00 | 11.9 |
| 4950.00 | 157.64 | 720.00 | 151.20 | 160.73 | 3.09 | 72.43 | .79 | 8.30 | 394.70 | 403.00 | 14.1 |
| 4950.00 | 161.70 | 1360.00 | 151.20 | 162.78 | 1.08 | 13.75 | 4.06 | 349.93 | 100.05 | 449.99 | 10.3 |
| 5000.00 | 155.76 | 250.00 | 151.20 | 156.53 | .77 | 24.95 | 0 | 8.30 | 394.70 | 403.00 | 7.0 |
| 5000.00 | 157.71 | 530.00 | 151.20 | 159.34 | 1.64 | 38.04 | 1.95 | 8.30 | 394.70 | 403.00 | 10.2 |
| 5000.00 | 159.07 | 720.00 | 151.20 | 161.10 | 2.03 | 41.02 | 1.36 | 8.30 | 394.70 | 403.00 | 11.4 |
| 5000.00 | 163.82 | 1360.00 | 151.20 | 163.96 | .14 | 2.37 | 4.75 | 535.31 | 21.29 | 556.60 | 4.8 |
| 5050.00 | 156.31 | 250.00 | 151.20 | 156.72 | .41 | 41.77 | 0 | 15.81 | 389.89 | 405.70 | 5.4 |
| 5050.00 | 158.98 | 530.00 | 151.20 | 159.63 | .66 | 38.88 | 2.67 | 19.76 | 387.40 | 407.16 | 7.0 |
| 5050.00 | 161.15 | 720.00 | 151.20 | 161.39 | .25 | 14.86 | 2.17 | 228.02 | 202.53 | 430.55 | 5.1 |
| 5050.00 | 163.95 | 1360.00 | 151.20 | 163.98 | .03 | 3.18 | 2.80 | 546.52 | 17.25 | 563.77 | 2.8 |
| 5300.00 | 157.84 | 250.00 | 155.00 | 158.15 | .31 | 80.98 | 0 | 24.47 | 100.27 | 124.73 | 4.4 |
| 5300.00 | 160.23 | 530.00 | 155.00 | 160.45 | .21 | 24.90 | 2.39 | 85.05 | 87.89 | 172.93 | 3.9 |
| 5300.00 | 161.62 | 720.00 | 155.00 | 161.76 | .14 | 13.38 | 1.38 | 114.77 | 75.45 | 190.21 | 3.4 |
| 5300.00 | 164.01 | 1360.00 | 155.00 | 164.13 | .12 | 8.97 | 2.40 | 171.24 | 53.84 | 225.09 | 3.5 |

| SECNO | CWSEL | O | ELMIN | EG | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|---------|--------|---------|--------|--------|------|-------|--------|--------|--------|--------|-----|
| 5500.00 | 159.01 | 250.00 | 157.00 | 159.83 | .82 | 53.71 | 0 | 21.26 | 292.57 | 313.83 | 7.2 |
| 5500.00 | 160.27 | 530.00 | 157.00 | 161.32 | 1.05 | 39.63 | 1.26 | 29.45 | 291.04 | 320.49 | 8.2 |
| 5500.00 | 161.57 | 720.00 | 157.00 | 162.18 | .61 | 14.57 | 1.30 | 106.57 | 240.80 | 347.37 | 6.6 |
| 5500.00 | 164.00 | 1360.00 | 157.00 | 164.34 | .34 | 5.50 | 2.43 | 156.06 | 211.94 | 368.00 | 5.6 |
| 5550.00 | 170.79 | 240.00 | 169.50 | 171.43 | .63 | 57.84 | 0 | 30.16 | 414.28 | 444.44 | 6.3 |
| 5550.00 | 171.64 | 510.00 | 169.50 | 172.63 | .99 | 47.63 | .85 | 39.27 | 408.01 | 447.28 | 7.9 |
| 5550.00 | 172.59 | 690.00 | 169.50 | 173.26 | .67 | 20.97 | .95 | 249.70 | 182.08 | 453.63 | 6.8 |
| 5550.00 | 173.39 | 1310.00 | 169.50 | 174.08 | .69 | 20.33 | .80 | 313.04 | 145.90 | 458.94 | 7.8 |
| 5600.00 | 171.49 | 240.00 | 160.00 | 171.49 | .00 | .00 | 0 | 233.40 | 34.05 | 267.44 | .1 |
| 5600.00 | 172.73 | 510.00 | 160.00 | 172.73 | .00 | .00 | 1.24 | 244.57 | 29.08 | 273.65 | .2 |
| 5600.00 | 173.33 | 690.00 | 160.00 | 173.33 | .00 | .00 | .60 | 249.97 | 26.68 | 276.65 | .2 |
| 5600.00 | 174.15 | 1310.00 | 160.00 | 174.15 | .00 | .01 | .82 | 257.31 | 23.42 | 280.73 | .4 |
| 6000.00 | 171.49 | 230.00 | 162.00 | 171.49 | .00 | .00 | 0 | 215.91 | 42.05 | 257.95 | .1 |
| 6000.00 | 172.73 | 490.00 | 162.00 | 172.73 | .00 | .00 | 1.24 | 226.57 | 37.08 | 263.65 | .2 |
| 6000.00 | 173.33 | 670.00 | 162.00 | 173.33 | .00 | .01 | .60 | 231.97 | 34.68 | 266.65 | .3 |
| 6000.00 | 174.14 | 1270.00 | 162.00 | 174.15 | .00 | .01 | .81 | 239.30 | 31.42 | 270.72 | .5 |
| 6500.00 | 171.49 | 230.00 | 164.00 | 171.49 | .00 | .00 | 0 | 199.91 | 50.05 | 249.95 | .1 |
| 6500.00 | 172.73 | 490.00 | 164.00 | 172.73 | .00 | .01 | 1.24 | 209.84 | 45.08 | 254.92 | .3 |
| 6500.00 | 173.33 | 640.00 | 164.00 | 173.33 | .00 | .01 | .60 | 214.64 | 42.68 | 257.32 | .3 |
| 6500.00 | 174.14 | 1270.00 | 164.00 | 174.15 | .01 | .03 | .81 | 221.31 | 39.42 | 260.73 | .6 |
| 6900.00 | 171.49 | 230.00 | 166.00 | 171.49 | .00 | .02 | 0 | 119.54 | 37.73 | 157.27 | .4 |
| 6900.00 | 172.73 | 490.00 | 166.00 | 172.73 | .01 | .05 | 1.24 | 126.00 | 34.50 | 160.50 | .6 |
| 6900.00 | 173.33 | 640.00 | 166.00 | 173.34 | .01 | .06 | .60 | 129.12 | 32.94 | 162.06 | .7 |
| 6900.00 | 174.13 | 1270.00 | 166.00 | 174.16 | .03 | .16 | .81 | 133.32 | 30.84 | 164.16 | 1.3 |
| 6950.00 | 171.47 | 220.00 | 166.10 | 171.50 | .03 | .21 | 0 | 174.16 | 120.34 | 294.50 | 1.3 |
| 6950.00 | 172.69 | 460.00 | 166.10 | 172.75 | .06 | .39 | 1.22 | 197.09 | 113.56 | 310.64 | 2.1 |
| 6950.00 | 173.25 | 630.00 | 166.10 | 173.36 | .08 | .50 | .98 | 206.52 | 110.40 | 316.92 | 2.5 |
| 6950.00 | 174.01 | 1190.00 | 166.10 | 174.21 | .21 | 1.17 | .73 | 218.34 | 106.44 | 324.78 | 4.2 |
| 7000.00 | 186.09 | 220.00 | 166.10 | 186.09 | .00 | .00 | 0 | 346.40 | 40.09 | 386.49 | .2 |
| 7000.00 | 186.93 | 460.00 | 166.10 | 186.94 | .00 | .00 | .85 | 359.63 | 34.43 | 394.06 | .4 |
| 7000.00 | 187.16 | 630.00 | 166.10 | 187.17 | .00 | .01 | .23 | 363.25 | 32.89 | 396.13 | .5 |
| 7000.00 | 187.71 | 1190.00 | 166.10 | 187.72 | .01 | .02 | .54 | 370.00 | 30.00 | 400.00 | .9 |
| 7050.00 | 186.09 | 220.00 | 170.00 | 186.09 | .00 | .00 | 0 | 245.23 | 39.13 | 284.35 | .1 |
| 7050.00 | 186.93 | 460.00 | 170.00 | 186.94 | .00 | .00 | .85 | 263.61 | 30.64 | 294.25 | .2 |
| 7050.00 | 187.17 | 630.00 | 170.00 | 187.17 | .00 | .00 | .23 | 268.64 | 28.32 | 296.96 | .2 |
| 7050.00 | 187.71 | 1190.00 | 170.00 | 187.72 | .00 | .01 | .55 | 280.60 | 22.80 | 303.40 | .4 |
| 7500.00 | 186.09 | 220.00 | 170.00 | 186.09 | .00 | .00 | 0 | 171.66 | 27.39 | 199.05 | .1 |
| 7500.00 | 186.93 | 460.00 | 170.00 | 186.94 | .00 | .00 | .85 | 184.53 | 21.45 | 205.98 | .2 |
| 7500.00 | 187.17 | 630.00 | 170.00 | 187.17 | .00 | .01 | .23 | 188.05 | 19.82 | 207.87 | .3 |
| 7500.00 | 187.71 | 1190.00 | 170.00 | 187.72 | .01 | .02 | .55 | 196.43 | 15.96 | 212.39 | .6 |
| 8000.00 | 186.09 | 200.00 | 178.00 | 186.09 | .00 | .01 | 0 | 130.05 | 87.74 | 217.79 | .2 |
| 8000.00 | 186.93 | 420.00 | 178.00 | 186.94 | .00 | .03 | .85 | 138.97 | 84.34 | 223.31 | .5 |
| 8000.00 | 187.16 | 580.00 | 178.00 | 187.17 | .01 | .04 | .23 | 141.41 | 83.41 | 224.82 | .6 |
| 8000.00 | 187.70 | 1100.00 | 178.00 | 187.73 | .02 | .12 | .54 | 147.13 | 81.23 | 228.36 | 1.1 |

FLOOD INSURANCE ZONE DATA FOR HYBARTS CR MOUTH TO K-MA

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

| SECTION NUMBER | CUMULATIVE DISTANCE | ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND | | |
|------------------------|---------------------|---|------|------|
| | | 10' | 2' | 0.2' |
| 1,000 | 0 | -1.0 | -.3 | .9 |
| 5,000 | 4 | -1.0 | -.3 | .9 |
| 10,000 | 9 | -1.0 | -.3 | .9 |
| 300,000 | 299 | -1.0 | -.3 | .9 |
| 495,000 | 494 | -.9 | -.3 | .9 |
| 500,000 | 499 | -3.3 | -.9 | 1.3 |
| 550,000 | 549 | -10.4 | -.6 | .9 |
| 560,000 | 559 | -9.8 | -.6 | .9 |
| 1100,000 | 1099 | -9.8 | -.6 | .9 |
| 1400,000 | 1399 | -5.3 | -.6 | .9 |
| 1900,000 | 1899 | -1.9 | -.6 | .9 |
| 2400,000 | 2399 | -1.6 | -.6 | 1.0 |
| 2700,000 | 2699 | -1.1 | -.3 | .6 |
| 3150,000 | 3149 | -1.4 | -.4 | 1.1 |
| 3550,000 | 3549 | -1.5 | -.5 | 1.2 |
| 4050,000 | 4049 | -1.6 | -.6 | 1.4 |
| 4550,000 | 4549 | -1.7 | -.4 | .9 |
| 4850,000 | 4849 | -2.4 | -.9 | 3.8 |
| 4950,000 | 4949 | -2.1 | -.8 | 4.1 |
| 5000,000 | 4999 | -3.3 | -1.4 | 4.8 |
| 5050,000 | 5049 | -4.8 | -2.2 | 2.8 |
| 5300,000 | 5299 | -3.8 | -1.4 | 2.4 |
| 5500,000 | 5499 | -2.6 | -1.3 | 2.4 |
| 5550,000 | 5549 | -1.8 | -1.0 | .8 |
| 5600,000 | 5599 | -1.8 | -.6 | .8 |
| 6000,000 | 5999 | -1.8 | -.6 | .8 |
| 6500,000 | 6499 | -1.8 | -.6 | .8 |
| 6900,000 | 6899 | -1.8 | -.6 | .8 |
| 6950,000 | 6949 | -1.8 | -.6 | .7 |
| 7000,000 | 6999 | -1.1 | -.2 | .5 |
| 7050,000 | 7049 | -1.1 | -.2 | .5 |
| 7500,000 | 7499 | -1.1 | -.2 | .5 |
| 8000,000 | 7999 | -1.1 | -.2 | .5 |
| 8300,000 | 8299 | -1.0 | -.2 | .4 |
| 8550,000 | 8549 | -1.1 | -.2 | .3 |
| 8600,000 | 8599 | -1.8 | -.2 | .4 |
| 8650,000 | 8649 | -1.7 | -.3 | .7 |
| 9150,000 | 9149 | -.6 | -.2 | .8 |
| 9550,000 | 9549 | -2.1 | -.7 | 1.3 |
| 10000,000 | 9999 | -2.1 | -.7 | 1.0 |
| ----- | | | | |
| WEIGHTED AVG FOR REACH | | -2.4 | -.5 | 1.0 |

FHF FOR THE REACH = .025 WITH 46.1% OF THE REACH WITHIN 1.0 FEET ZONE FOR THE REACH = A 5

| INC NO. | TOTAL LENGTH | AVG ELEVATION DATA | | | WTD. AVG. | FHF | PERCENT WITHIN |
|---------|--------------|--------------------|-------|-------|-----------|-----|----------------|
| | | 10' | 1' | DIFF. | | | |
| | 0 | | | | | | |
| 1 | 100. | 129.4 | 130.3 | -1.0 | -1.0 | 010 | 100. |
| | 4. | | | | | | |
| | 9. | | | | | | |
| 2 | 200. | 129.5 | 130.5 | -1.0 | -1.0 | 010 | 100. |
| | 299. | | | | | | |
| 3 | 300. | 130.0 | 131.0 | -1.0 | -1.0 | 010 | 100. |
| 4 | 400. | 130.4 | 131.3 | -.9 | -1.0 | 010 | 100. |
| | 494. | | | | | | |
| | 499. | | | | | | |
| 5 | 500. | 131.5 | 134.9 | -3.4 | -1.4 | 015 | 60. |
| | 549. | | | | | | |
| | 559. | | | | | | |
| 6 | 600. | 134.1 | 143.9 | -9.8 | -2.8 | 030 | 17. |
| 7 | 700. | 134.1 | 143.9 | -9.8 | -3.8 | 040 | 14. |
| 8 | 800. | 134.1 | 143.9 | -9.8 | -4.6 | 045 | 0 |
| 9 | 900. | 134.1 | 143.9 | -9.8 | -5.1 | 050 | 0 |
| 10 | 1000. | 134.1 | 143.9 | -9.8 | -5.6 | 055 | 0 |
| | 1099. | | | | | | |
| 11 | 1100. | 134.1 | 143.9 | -9.8 | -6.0 | 060 | 0 |
| 12 | 1200. | 134.8 | 143.8 | -9.0 | -6.2 | 060 | 0 |
| 13 | 1300. | 136.3 | 143.8 | -7.5 | -6.3 | 065 | 0 |
| | 1399. | | | | | | |
| 14 | 1400. | 137.8 | 143.8 | -6.1 | -6.3 | 065 | 7. |
| 15 | 1500. | 138.9 | 143.9 | -5.0 | -6.2 | 060 | 7. |
| 16 | 1600. | 139.6 | 143.9 | -4.3 | -6.1 | 060 | 6. |
| 17 | 1700. | 140.3 | 143.9 | -3.6 | -6.0 | 060 | 12. |
| 18 | 1800. | 141.0 | 143.9 | -3.0 | -5.8 | 060 | 11. |
| | 1899. | | | | | | |
| 19 | 1900. | 141.7 | 143.9 | -2.3 | -5.6 | 055 | 11. |
| 20 | 2000. | 142.1 | 144.0 | -1.9 | -5.4 | 055 | 10. |
| 21 | 2100. | 142.2 | 144.1 | -1.8 | -5.3 | 055 | 14. |
| 22 | 2200. | 142.4 | 144.1 | -1.7 | -5.1 | 050 | 14. |
| 23 | 2300. | 142.5 | 144.2 | -1.7 | -4.9 | 050 | 9. |
| | 2399. | | | | | | |
| 24 | 2400. | 142.7 | 144.3 | -1.6 | -4.8 | 050 | 8. |
| 25 | 2500. | 143.2 | 144.6 | -1.5 | -4.7 | 045 | 8. |
| 26 | 2600. | 144.0 | 145.3 | -1.3 | -4.5 | 045 | 12. |
| | 2699. | | | | | | |
| 27 | 2700. | 144.8 | 146.0 | -1.2 | -4.4 | 045 | 11. |
| 28 | 2800. | 145.3 | 146.5 | -1.1 | -4.3 | 045 | 14. |
| 29 | 2900. | 145.6 | 146.8 | -1.2 | -4.2 | 040 | 14. |
| 30 | 3000. | 145.9 | 147.1 | -1.3 | -4.1 | 040 | 13. |
| 31 | 3100. | 146.2 | 147.5 | -1.3 | -4.0 | 040 | 13. |
| | 3149. | | | | | | |
| 32 | 3200. | 146.4 | 147.8 | -1.4 | -3.9 | 040 | 13. |
| 33 | 3300. | 146.5 | 147.9 | -1.4 | -3.9 | 040 | 12. |
| 34 | 3400. | 146.5 | 148.0 | -1.4 | -3.8 | 040 | 12. |
| 35 | 3500. | 146.6 | 148.1 | -1.5 | -3.7 | 035 | 11. |
| | 3549. | | | | | | |
| 36 | 3600. | 146.7 | 148.2 | -1.5 | -3.7 | 035 | 11. |
| 37 | 3700. | 146.8 | 148.3 | -1.5 | -3.6 | 035 | 11. |
| 38 | 3800. | 147.0 | 148.5 | -1.6 | -3.5 | 035 | 11. |
| 39 | 3900. | 147.1 | 148.7 | -1.6 | -3.5 | 035 | 10. |
| 40 | 4000. | 147.3 | 148.9 | -1.6 | -3.4 | 035 | 10. |
| | 4049. | | | | | | |
| 41 | 4100. | 147.5 | 149.2 | -1.6 | -3.4 | 035 | 10. |
| 42 | 4200. | 148.1 | 149.7 | -1.7 | -3.4 | 035 | 10. |
| 43 | 4300. | 148.7 | 150.4 | -1.7 | -3.3 | 035 | 9. |
| 44 | 4400. | 149.4 | 151.1 | -1.7 | -3.3 | 035 | 7. |
| 45 | 4500. | 150.1 | 151.8 | -1.7 | -3.2 | 030 | 9. |

1000
 2000
 3000
 4000
 5000
 6000
 7000
 8000
 9000
 10000

| | | | | | | | |
|----|-------|-------|-------|------|------|-----|-----|
| 46 | 4600. | 150.9 | 152.7 | -1.8 | -3.2 | 030 | 9. |
| 47 | 4700. | 152.0 | 153.9 | -2.0 | -3.2 | 030 | 9. |
| 48 | 4800. | 153.2 | 155.4 | -2.2 | -3.2 | 030 | 10. |
| | 4849. | | | | | | |
| 49 | 4900. | 154.4 | 156.7 | -2.3 | -3.2 | 030 | 12. |
| | 4949. | | | | | | |
| | 4999. | | | | | | |
| 50 | 5000. | 155.8 | 159.1 | -3.3 | -3.2 | 030 | 14. |
| | 5049. | | | | | | |
| 51 | 5100. | 156.2 | 160.2 | -4.0 | -3.2 | 030 | 16. |
| 52 | 5200. | 156.9 | 161.3 | -4.4 | -3.2 | 030 | 15. |
| | 5299. | | | | | | |
| 53 | 5300. | 157.5 | 161.5 | -4.0 | -3.2 | 030 | 17. |
| 54 | 5400. | 158.1 | 161.6 | -3.5 | -3.2 | 030 | 17. |
| | 5499. | | | | | | |
| 55 | 5500. | 158.8 | 161.7 | -2.9 | -3.2 | 030 | 20. |
| | 5549. | | | | | | |
| | 5599. | | | | | | |
| 56 | 5600. | 171.5 | 173.3 | -1.8 | -3.2 | 030 | 20. |
| 57 | 5700. | 171.5 | 173.3 | -1.8 | -3.2 | 030 | 19. |
| 58 | 5800. | 171.5 | 173.3 | -1.8 | -3.1 | 030 | 19. |
| 59 | 5900. | 171.5 | 173.3 | -1.8 | -3.1 | 030 | 19. |
| | 5999. | | | | | | |
| 60 | 6000. | 171.5 | 173.3 | -1.8 | -3.1 | 030 | 18. |
| 61 | 6100. | 171.5 | 173.3 | -1.8 | -3.1 | 030 | 18. |
| 62 | 6200. | 171.5 | 173.3 | -1.8 | -3.1 | 030 | 18. |
| 63 | 6300. | 171.5 | 173.3 | -1.8 | -3.0 | 030 | 17. |
| 64 | 6400. | 171.5 | 173.3 | -1.8 | -3.0 | 030 | 17. |
| | 6499. | | | | | | |
| 65 | 6500. | 171.5 | 173.3 | -1.8 | -3.0 | 030 | 17. |
| 66 | 6600. | 171.5 | 173.3 | -1.8 | -3.0 | 030 | 15. |
| 67 | 6700. | 171.5 | 173.3 | -1.8 | -3.0 | 030 | 15. |
| 68 | 6800. | 171.5 | 173.3 | -1.8 | -2.9 | 030 | 15. |
| | 6899. | | | | | | |
| 69 | 6900. | 171.5 | 173.3 | -1.8 | -2.9 | 030 | 14. |
| | 6949. | | | | | | |
| | 6999. | | | | | | |
| 70 | 7000. | 186.1 | 187.2 | -1.1 | -2.9 | 030 | 14. |
| | 7049. | | | | | | |
| 71 | 7100. | 186.1 | 187.2 | -1.1 | -2.9 | 030 | 15. |
| 72 | 7200. | 186.1 | 187.2 | -1.1 | -2.9 | 030 | 15. |
| 73 | 7300. | 186.1 | 187.2 | -1.1 | -2.8 | 030 | 34. |
| 74 | 7400. | 186.1 | 187.2 | -1.1 | -2.8 | 030 | 35. |
| | 7499. | | | | | | |
| 75 | 7500. | 186.1 | 187.2 | -1.1 | -2.8 | 030 | 36. |
| 76 | 7600. | 186.1 | 187.2 | -1.1 | -2.8 | 030 | 36. |
| 77 | 7700. | 186.1 | 187.2 | -1.1 | -2.7 | 025 | 36. |
| 78 | 7800. | 186.1 | 187.2 | -1.1 | -2.7 | 025 | 37. |
| 79 | 7900. | 186.1 | 187.2 | -1.1 | -2.7 | 025 | 38. |
| | 7999. | | | | | | |
| 80 | 8000. | 186.1 | 187.2 | -1.1 | -2.7 | 025 | 39. |
| 81 | 8100. | 186.1 | 187.1 | -1.1 | -2.7 | 025 | 41. |
| 82 | 8200. | 186.1 | 187.1 | -1.0 | -2.6 | 025 | 41. |
| | 8299. | | | | | | |
| 83 | 8300. | 186.1 | 187.1 | -1.0 | -2.6 | 025 | 40. |
| 84 | 8400. | 186.0 | 187.1 | -1.0 | -2.6 | 025 | 40. |
| 85 | 8500. | 186.0 | 187.1 | -1.1 | -2.6 | 025 | 42. |
| | 8549. | | | | | | |
| | 8599. | | | | | | |
| 86 | 8600. | 186.0 | 187.7 | -1.8 | -2.6 | 025 | 43. |
| | 8649. | | | | | | |
| 87 | 8700. | 186.2 | 187.8 | -1.7 | -2.6 | 025 | 44. |
| 88 | 8800. | 186.5 | 188.0 | -1.5 | -2.5 | 025 | 44. |
| 89 | 8900. | 186.8 | 188.1 | -1.3 | -2.5 | 025 | 44. |
| 90 | 9000. | 187.1 | 188.1 | -1.1 | -2.5 | 025 | 44. |

| | | | | | | | |
|----|-------|-------|-------|------|------|------|-----------|
| 91 | 9100. | 187.4 | 188.2 | -.8 | -2.5 | 025 | 44. |
| | 9149. | | | | | SEC. | 9150,000 |
| 92 | 9200. | 188.2 | 189.0 | -.8 | -2.5 | 025 | 46. |
| 93 | 9300. | 190.1 | 191.1 | -1.0 | -2.5 | 025 | 47. |
| 94 | 9400. | 192.6 | 193.9 | -1.4 | -2.5 | 025 | 46. |
| 95 | 9500. | 195.0 | 196.7 | -1.7 | -2.4 | 027 | 46. |
| | 9549. | | | | | SEC. | 9550,000 |
| 96 | 9600. | 197.0 | 199.0 | 2.0 | -2.4 | 025 | 48. |
| 97 | 9700. | 197.9 | 200.0 | 2.1 | -2.4 | 025 | 48. |
| 98 | 9800. | 198.4 | 200.5 | 2.1 | -2.4 | 025 | 49. |
| 99 | 9900. | 198.9 | 201.0 | 2.1 | -2.4 | 025 | 49. |
| | 9999. | | | | | SEC. | 10000,000 |

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 20N WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
OF EACH REACH BY INC NO. FOR EXAMPLE 202 4 99
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

| | | | | | |
|----------------|--------|---------|----------|---|------------------------------------|
| POSSIBLE ERROR | SECNO= | 495,00 | PROFILE= | 4 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 495,00 | PROFILE= | 4 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 500,00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 500,00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 500,00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 500,00 | PROFILE= | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 500,00 | PROFILE= | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 500,00 | PROFILE= | 3 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 500,00 | PROFILE= | 4 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 500,00 | PROFILE= | 4 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 1400,00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 1400,00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 2700,00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 2700,00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 2700,00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 2700,00 | PROFILE= | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 2700,00 | PROFILE= | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 2700,00 | PROFILE= | 3 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 2700,00 | PROFILE= | 4 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 2700,00 | PROFILE= | 4 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO= | 4050,00 | PROFILE= | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 4050,00 | PROFILE= | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 4850,00 | PROFILE= | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO= | 4850,00 | PROFILE= | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |

| | | | | | |
|----------------|--------|---------|----------|---|------------------------------------|
| POSSIBLE ERROR | SECNO# | 4850,00 | PROFILE# | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 4850,00 | PROFILE# | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO# | 4850,00 | PROFILE# | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 4850,00 | PROFILE# | 3 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO# | 4850,00 | PROFILE# | 4 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 4850,00 | PROFILE# | 4 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO# | 4950,00 | PROFILE# | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 4950,00 | PROFILE# | 4 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 4950,00 | PROFILE# | 4 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO# | 5500,00 | PROFILE# | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 5550,00 | PROFILE# | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 5550,00 | PROFILE# | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO# | 5550,00 | PROFILE# | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 5550,00 | PROFILE# | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO# | 5550,00 | PROFILE# | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 5550,00 | PROFILE# | 3 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO# | 5550,00 | PROFILE# | 4 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 5550,00 | PROFILE# | 4 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO# | 9150,00 | PROFILE# | 1 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 9150,00 | PROFILE# | 1 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO# | 9150,00 | PROFILE# | 2 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 9150,00 | PROFILE# | 2 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO# | 9150,00 | PROFILE# | 3 | CRITICAL DEPTH ASSUMED |
| POSSIBLE ERROR | SECNO# | 9150,00 | PROFILE# | 3 | 20 TRIALS REQUIRED TO BALANCE WSEL |
| POSSIBLE ERROR | SECNO# | 9550,00 | PROFILE# | 4 | CRITICAL DEPTH ASSUMED |

F/W

9/24/76

C
T1 FPMS BR FAYETTEVILLE NC FIS
T2 100 YR NATURAL
T3 HYBARTS CR MOUTH TO K-MART

| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | 0 | WSFL | FO |
|----|--------|-----|------|------|------|--------|-------|----|---------|----|
| | -1. | 2. | .0 | -0 | -0 | .0 | -0 | -0 | 130,200 | .0 |

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

| | | | | | | | | | | |
|----|--------|---------|---------|---------|---------|---------|---------|----------|-------|--------|
| J3 | 2,000 | 1,000 | 43,000 | 42,000 | 3,000 | 10,000 | 5,000 | 50,000 | 4,000 | 53,000 |
| J3 | 54,000 | 26,000 | 0 | 200,000 | 110,000 | -0 | -0 | -0 | -0 | -0 |
| ET | -0 | -0 | 150,200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| NC | .100 | .100 | .060 | .100 | .300 | -0 | -0 | -0 | -0 | -0 |
| QT | 7,000 | 960,000 | 960,000 | 960,000 | 960,000 | 350,000 | 710,000 | 1770,000 | -0 | -0 |

| | | | | | | | | | | |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 1,000 | 12,000 | 260,000 | 270,000 | 0 | 0 | 0 | 0 | -0 | -0 |
| GR | 134,000 | 0 | 132,000 | 50,000 | 130,000 | 90,000 | 128,000 | 120,000 | 128,000 | 220,000 |
| GR | 128,000 | 260,000 | 127,000 | 265,000 | 128,000 | 270,000 | 128,000 | 400,000 | 130,000 | 440,000 |
| GR | 132,000 | 480,000 | 134,000 | 540,000 | 0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|-------|---|----|----|-------|-------|-------|----|----|----|
| X1 | 5,000 | 0 | -0 | -0 | 4,000 | 4,000 | 4,000 | -0 | -0 | -0 |
|----|-------|---|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|--------|---|----|----|-------|-------|-------|----|----|----|
| X1 | 10,000 | 0 | -0 | -0 | 5,000 | 5,000 | 5,000 | -0 | -0 | -0 |
|----|--------|---|----|----|-------|-------|-------|----|----|----|

| | | | | | | | | | | |
|----|---------|---|----|----|---------|---------|---------|----|-------|----|
| X1 | 300,000 | 0 | -0 | -0 | 290,000 | 290,000 | 290,000 | -0 | 1,000 | -0 |
|----|---------|---|----|----|---------|---------|---------|----|-------|----|

| | | | | | | | | | | |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 495,000 | 15,000 | 175,000 | 221,000 | 195,000 | 195,000 | 195,000 | -0 | -0 | -0 |
| GR | 145,600 | 0 | 145,700 | 50,000 | 140,500 | 100,000 | 137,300 | 150,000 | 133,500 | 175,000 |
| GR | 128,500 | 187,000 | 128,500 | 200,000 | 128,300 | 218,000 | 133,200 | 221,000 | 134,200 | 250,000 |
| GR | 135,100 | 300,000 | 136,000 | 350,000 | 139,900 | 400,000 | 144,600 | 450,000 | 146,000 | 482,000 |
| NC | 0.080 | 0.080 | 0.030 | 0 | 0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 500,000 | 16,000 | 194,000 | 206,000 | 5,000 | 5,000 | 5,000 | -0 | -0 | -0 |
| X3 | 10,000 | 0 | -0 | -0 | 0 | -0 | -0 | 133,000 | 133,000 | -0 |
| GR | 145,600 | 0 | 145,700 | 50,000 | 140,500 | 100,000 | 137,300 | 150,000 | 133,500 | 175,000 |
| GR | 132,000 | 194,000 | 128,500 | 194,000 | 128,500 | 206,000 | 132,000 | 206,000 | 133,200 | 221,000 |
| GR | 134,200 | 250,000 | 135,100 | 300,000 | 136,000 | 350,000 | 139,900 | 400,000 | 144,600 | 450,000 |
| GR | 146,000 | 482,000 | -0 | 0 | 0 | -0 | 0 | -0 | -0 | -0 |
| SB | 1,250 | 1,990 | 2,500 | 0 | 12,000 | 1,000 | 38,500 | -0 | 128,500 | 128,500 |

MIRROW LAKE DR,

| | | | | | | | | | | |
|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 550,000 | 0 | -0 | -0 | 50,000 | 50,000 | 50,000 | -0 | -0 | -0 |
| X2 | -0 | 0 | 1,000 | 132,000 | 142,900 | -0 | -0 | -0 | -0 | -0 |
| X3 | 10,000 | 0 | 0 | 0 | 0 | 0 | 0 | 142,900 | 142,900 | -0 |
| BT | 9,000 | 0 | 146,500 | 0 | 50,000 | 145,600 | 0 | 90,000 | 144,000 | -0 |
| BT | 140,000 | 143,300 | 0 | 190,000 | 142,900 | 0 | 240,000 | 142,900 | 0 | 340,000 |
| BT | 143,800 | 0 | 400,000 | 145,500 | 0 | 450,000 | 147,500 | -0 | -0 | -0 |
| NC | .080 | .080 | .020 | 0 | 0 | -0 | -0 | -0 | -0 | -0 |
| ET | -0 | 0 | 250,200 | 0 | 0 | -0 | 0 | -0 | -0 | -0 |

174 1001 1000 1000 1000

| | | | | | | | | | | |
|----|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| X1 | 560.000 | 12.000 | 60.000 | 290.000 | 10.000 | 10.000 | 10.000 | -0 | -0 | -0 |
| GR | 146.000 | 0 | 144.000 | 35.000 | 142.000 | 45.000 | 140.000 | 50.000 | 136.000 | 60.000 |
| GR | 130.000 | 80.000 | 130.000 | 280.000 | 136.000 | 290.000 | 140.000 | 300.000 | 142.000 | 315.000 |
| GR | 144.000 | 335.000 | 146.000 | 365.000 | 0 | 0 | 0 | 0 | 0 | 0 |
| QT | 7.000 | 910.000 | 910.000 | 910.000 | 910.000 | 320.000 | 670.000 | 1680.000 | 0 | 0 |
| ET | -0 | -0 | 100.200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|------|------|----|---------|---------|---------|----|----|----|
| X1 | 1100.000 | -0 | -0 | -0 | 540.000 | 540.000 | 540.000 | -0 | -0 | -0 |
| NC | .080 | .080 | .050 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| X1 | 1400.000 | 12.000 | 200.000 | 215.000 | 300.000 | 300.000 | 300.000 | -0 | -0 | -0 |
| GR | 144.000 | 0 | 141.200 | 50.000 | 138.500 | 100.000 | 137.300 | 150.000 | 138.200 | 200.000 |
| GR | 136.800 | 205.000 | 136.300 | 209.000 | 137.100 | 212.000 | 138.000 | 215.000 | 138.600 | 250.000 |
| GR | 140.400 | 300.000 | 143.100 | 423.000 | 0 | 0 | 0 | 0 | 0 | 0 |
| QT | 7.000 | 870.000 | 870.000 | 870.000 | 870.000 | 310.000 | 640.000 | 1610.000 | 0 | 0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 1900.000 | 11.000 | 195.000 | 205.000 | 500.000 | 500.000 | 500.000 | -0 | -0 | -0 |
| GR | 148.000 | 0 | 146.000 | 15.000 | 144.000 | 35.000 | 142.000 | 80.000 | 140.000 | 195.000 |
| GR | 138.000 | 200.000 | 140.000 | 205.000 | 142.000 | 320.000 | 144.000 | 350.000 | 146.000 | 360.000 |
| GR | 148.000 | 410.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 2400.000 | 14.000 | 200.000 | 213.000 | 500.000 | 500.000 | 500.000 | -0 | -0 | -0 |
| GR | 146.200 | 83.000 | 144.400 | 100.000 | 142.300 | 150.000 | 141.000 | 200.000 | 139.300 | 203.000 |
| GR | 139.400 | 206.000 | 139.800 | 209.000 | 141.600 | 213.000 | 140.900 | 250.000 | 140.900 | 300.000 |
| GR | 141.200 | 350.000 | 142.100 | 400.000 | 142.700 | 415.000 | 146.200 | 434.000 | 0 | 0 |
| ET | -0 | -0 | 80.200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| X1 | 2700.000 | 14.000 | 245.000 | 255.000 | 300.000 | 300.000 | 300.000 | -0 | -0 | -0 |
| GR | 154.000 | 0 | 152.000 | 30.000 | 150.000 | 50.000 | 148.000 | 75.000 | 146.000 | 135.000 |
| GR | 144.000 | 245.000 | 141.000 | 248.000 | 141.000 | 252.000 | 144.000 | 255.000 | 146.000 | 280.000 |
| GR | 148.000 | 305.000 | 150.000 | 325.000 | 152.000 | 340.000 | 154.000 | 355.000 | 0 | 0 |
| QT | 7.000 | 800.000 | 800.000 | 800.000 | 800.000 | 290.000 | 600.000 | 1510.000 | 0 | 0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 3150.000 | 12.000 | 100.000 | 112.000 | 450.000 | 450.000 | 450.000 | -0 | -0 | -0 |
| GR | 152.000 | 0 | 146.700 | 50.000 | 145.800 | 75.000 | 142.700 | 100.000 | 141.400 | 102.000 |
| GR | 140.900 | 106.000 | 141.100 | 110.000 | 142.700 | 112.000 | 144.400 | 150.000 | 145.300 | 200.000 |
| GR | 145.400 | 242.000 | 152.000 | 267.000 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|------|----|
| X1 | 3550.000 | -0 | -0 | -0 | 400.000 | 400.000 | 400.000 | -0 | .800 | -0 |
| QT | 7.000 | 760.000 | 760.000 | 760.000 | 760.000 | 270.000 | 560.000 | 1430.000 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 4050.000 | 11.000 | 200.000 | 211.000 | 500.000 | 500.000 | 500.000 | -0 | -0 | -0 |
| GR | 154.100 | 86.000 | 151.000 | 100.000 | 148.300 | 150.000 | 147.000 | 200.000 | 142.700 | 203.000 |
| GR | 142.600 | 208.000 | 145.000 | 211.000 | 149.000 | 220.000 | 148.300 | 250.000 | 149.700 | 300.000 |
| GR | 151.100 | 343.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|----|----|----|---------|---------|---------|------|-------|----|
| X1 | 4550.000 | -0 | -0 | -0 | 500.000 | 500.000 | 500.000 | .760 | 2.000 | -0 |
|----|----------|----|----|----|---------|---------|---------|------|-------|----|

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| X1 | 4850.000 | 19.000 | 387.000 | 408.000 | 300.000 | 300.000 | 300.000 | -0 | -0 | -0 |
| GR | 164.500 | 0 | 162.900 | 50.000 | 161.700 | 100.000 | 161.300 | 150.000 | 161.200 | 200.000 |
| GR | 160.100 | 250.000 | 159.700 | 300.000 | 159.700 | 350.000 | 159.400 | 387.000 | 151.200 | 395.000 |
| GR | 151.700 | 400.000 | 151.400 | 403.000 | 160.500 | 408.000 | 161.700 | 450.000 | 162.500 | 500.000 |
| GR | 163.700 | 550.000 | 164.600 | 600.000 | 165.900 | 650.000 | 167.400 | 700.000 | 0 | 0 |
| NC | .080 | .080 | .025 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| QT | 7.000 | 720.000 | 720.000 | 720.000 | 720.000 | 250.000 | 530.000 | 1360.000 | -0 | -0 |

| | | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----|
| X1 | 4950.000 | 19.000 | 394.700 | 403.000 | 100.000 | 100.000 | 100.000 | 100.000 | -0 | -0 | -0 |
| X3 | 10.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | 160.000 | 160.000 | -0 |
| GR | 164.500 | 0 | 162.900 | 50.000 | 161.700 | 100.000 | 161.300 | 150.000 | 161.200 | 200.000 | -0 |
| GR | 160.100 | 250.000 | 159.700 | 300.000 | 159.700 | 350.000 | 159.400 | 387.000 | 151.200 | 394.700 | -0 |
| GR | 151.700 | 400.000 | 151.400 | 403.000 | 160.500 | 408.000 | 161.700 | 450.000 | 162.500 | 500.000 | -0 |
| GR | 163.700 | 550.000 | 164.600 | 600.000 | 165.900 | 650.000 | 167.400 | 700.000 | -0 | -0 | -0 |
| SB | 1.900 | 1.480 | 2.600 | -0 | 8.300 | 0 | 58.000 | 0 | 153.500 | 153.100 | -0 |

MORGANTON RD.

| | | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----|
| X1 | 5000.000 | -0 | -0 | -0 | 50.000 | 50.000 | 50.000 | -0 | -0 | -0 | -0 |
| X2 | -0 | -0 | 1.000 | 160.500 | 162.700 | -0 | -0 | -0 | -0 | -0 | -0 |
| X3 | 10.000 | -0 | -0 | -0 | -0 | -0 | -0 | 162.700 | 162.700 | -0 | -0 |
| BT | 10.000 | 0 | 170.000 | -0 | 50.000 | 165.600 | -0 | 150.000 | 164.000 | -0 | -0 |
| BT | 250.000 | 163.000 | -0 | 294.700 | 162.700 | 160.500 | 403.000 | 162.700 | 160.500 | 450.000 | -0 |
| BT | 163.100 | -0 | 550.000 | 164.400 | -0 | 650.000 | 166.200 | -0 | 695.000 | 167.400 | -0 |
| BT | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| NC | .080 | .080 | .050 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | | |
|----|----------|----|--------|----|--------|--------|--------|----|----|----|----|
| X1 | 5050.000 | -0 | -0 | -0 | 50.000 | 50.000 | 50.000 | -0 | -0 | -0 | -0 |
| ET | -0 | -0 | 50.200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----|
| X1 | 5300.000 | 12.000 | 100.000 | 125.000 | 250.000 | 250.000 | 250.000 | -0 | -0 | -0 | -0 |
| GR | 170.000 | 0 | 160.000 | 90.000 | 198.000 | 100.000 | 155.000 | 105.000 | 155.000 | 120.000 | -0 |
| GR | 158.000 | 125.000 | 160.000 | 170.000 | 162.000 | 195.000 | 164.000 | 225.000 | 166.000 | 235.000 | -0 |
| GR | 168.000 | 250.000 | 170.000 | 310.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| NC | .050 | .050 | .020 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|----|
| X1 | 5500.000 | 18.000 | 291.000 | 317.000 | 200.000 | 200.000 | 200.000 | -0 | -0 | -0 | -0 |
| GR | 176.800 | 50.000 | 167.700 | 100.000 | 167.500 | 150.000 | 165.000 | 200.000 | 160.800 | 250.000 | -0 |
| GR | 160.300 | 291.000 | 157.000 | 295.000 | 157.000 | 300.000 | 157.000 | 308.000 | 160.100 | 317.000 | -0 |
| GR | 161.700 | 350.000 | 165.400 | 379.000 | 169.400 | 395.000 | 170.100 | 400.000 | 170.300 | 420.000 | -0 |
| GR | 170.400 | 450.000 | 172.400 | 451.000 | 176.500 | 487.000 | -0 | -0 | -0 | -0 | -0 |
| OT | 7.000 | 690.000 | 690.000 | 690.000 | 690.000 | 240.000 | 510.000 | 1310.000 | -0 | -0 | -0 |

TOP OF DAM

| | | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----|
| X1 | 5550.000 | 11.000 | 414.000 | 445.000 | 50.000 | 50.000 | 50.000 | -0 | -0 | -0 | -0 |
| GR | 176.400 | 75.000 | 174.400 | 100.000 | 172.200 | 200.000 | 172.700 | 295.000 | 172.400 | 300.000 | -0 |
| GR | 172.100 | 400.000 | 171.300 | 414.000 | 169.500 | 415.000 | 169.500 | 443.000 | 171.300 | 445.000 | -0 |
| GR | 176.400 | 479.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| NC | .080 | .080 | .015 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| ET | -0 | -0 | 300.200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|----|
| X1 | 5600.000 | 6.000 | 40.000 | 260.000 | 50.000 | 50.000 | 50.000 | -0 | -0 | -0 | -0 |
| GR | 180.000 | 0 | 170.000 | 40.000 | 160.000 | 80.000 | 160.000 | 220.000 | 170.000 | 260.000 | -0 |
| GR | 180.000 | 310.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| OT | 7.000 | 670.000 | 670.000 | 670.000 | 670.000 | 230.000 | 490.000 | 1270.000 | -0 | -0 | -0 |

| | | | | | | | | | | | |
|----|----------|---------|---------|----|---------|---------|---------|----|-------|----|----|
| X1 | 6000.000 | -0 | -0 | -0 | 400.000 | 400.000 | 400.000 | -0 | 2.000 | -0 | -0 |
| OT | 2.000 | 640.000 | 640.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | | |
|----|----------|----|----|----|---------|---------|---------|----|-------|----|----|
| X1 | 6500.000 | -0 | -0 | -0 | 500.000 | 500.000 | 500.000 | -0 | 2.000 | -0 | -0 |
|----|----------|----|----|----|---------|---------|---------|----|-------|----|----|

| | | | | | | | | | | | |
|----|----------|----|----|----|---------|---------|---------|--------|--------|--------|----|
| X1 | 6900.000 | -0 | -0 | -0 | 400.000 | 400.000 | 400.000 | 61.650 | 12.000 | 12.000 | -0 |
|----|----------|----|----|----|---------|---------|---------|--------|--------|--------|----|

FORM NO. 1001 (REV. 10-6-60)

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| DT | 7.000 | 630.000 | 630.000 | 630.000 | 630.000 | 220.000 | 460.000 | 1190.000 | -0 | -0 |
| ET | -0 | -0 | 50.200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| X1 | 6950.000 | 17.000 | 185.000 | 212.000 | 50.000 | 50.000 | 50.000 | -0 | -0 | -0 |
| GR | 187.600 | 30.000 | 184.600 | 50.000 | 175.200 | 100.000 | 171.500 | 120.000 | 169.700 | 150.000 |
| GR | 169.700 | 185.000 | 166.100 | 185.000 | 166.200 | 200.000 | 166.400 | 212.000 | 169.500 | 215.000 |
| GR | 169.700 | 250.000 | 171.700 | 300.000 | 175.800 | 344.000 | 177.600 | 350.000 | 184.500 | 368.000 |
| GR | 184.800 | 375.000 | 187.600 | 400.000 | -0 | -0 | -0 | -0 | -0 | -0 |
| SB | 1.250 | 2.000 | 2.500 | -0 | 27.000 | 23.000 | 10.000 | 0 | 167.800 | 167.800 |

TOP OF DAM

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 7000.000 | -0 | -0 | -0 | 50.000 | 50.000 | 50.000 | -0 | -0 | -0 |
| X2 | -0 | -0 | 1.000 | 169.800 | 185.800 | -0 | -0 | -0 | -0 | -0 |
| X3 | 10.000 | -0 | -0 | -0 | -0 | -0 | -0 | 185.800 | 185.800 | -0 |
| BT | 9.000 | 6.000 | 192.000 | -0 | 50.000 | 188.500 | -0 | 100.000 | 187.000 | -0 |
| BT | 150.000 | 186.500 | -0 | 200.000 | 186.400 | -0 | 250.000 | 186.400 | -0 | 300.000 |
| BT | 186.500 | -0 | 350.000 | 185.800 | -0 | 430.000 | 192.000 | -0 | -0 | -0 |
| ET | -0 | -0 | 315.200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 7050.000 | 10.000 | 55.000 | 260.000 | 50.000 | 50.000 | 50.000 | -0 | -0 | -0 |
| GR | 190.000 | 0 | 188.000 | 20.000 | 186.000 | 40.000 | 184.000 | 55.000 | 180.000 | 80.000 |
| GR | 170.000 | 120.000 | 170.000 | 165.000 | 180.000 | 230.000 | 184.000 | 260.000 | 190.000 | 330.000 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|----|----|
| X1 | 7500.000 | -0 | -0 | -0 | 450.000 | 450.000 | 450.000 | .700 | -0 | -0 |
| QT | 7.000 | 580.000 | 580.000 | 580.000 | 580.000 | 200.000 | 420.000 | 1100.000 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|----|----|----|---------|---------|---------|-------|-------|----|
| X1 | 8000.000 | -0 | -0 | -0 | 500.000 | 500.000 | 500.000 | 1.430 | 8.000 | -0 |
|----|----------|----|----|----|---------|---------|---------|-------|-------|----|

| | | | | | | | | | | |
|----|----------|------|--------|----|---------|---------|---------|------|-------|----|
| X1 | 8300.000 | -0 | -0 | -0 | 300.000 | 300.000 | 300.000 | .550 | 4.000 | -0 |
| NC | .080 | .080 | .015 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| ET | -0 | -0 | 50.200 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 8550.000 | 11.000 | 98.500 | 107.000 | 250.000 | 250.000 | 250.000 | -0 | -0 | -0 |
| X3 | 10.000 | -0 | -0 | -0 | -0 | -0 | -0 | 186.700 | 186.700 | -0 |
| GR | 194.500 | 9.000 | 188.200 | 50.000 | 186.300 | 82.000 | 180.700 | 93.000 | 179.100 | 98.500 |
| GR | 180.400 | 107.000 | 182.600 | 110.000 | 183.800 | 150.000 | 184.400 | 200.000 | 190.100 | 250.000 |
| GR | 194.500 | 277.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| SB | 1.250 | 1.620 | 2.600 | -0 | 8.500 | -0 | 38.200 | -0 | 181.200 | 181.100 |

SKYE DR.

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|---------|---------|
| X1 | 8600.000 | -0 | -0 | -0 | 50.000 | 50.000 | 50.000 | -0 | -0 | -0 |
| X2 | -0 | -0 | 1.000 | 185.700 | 186.700 | -0 | -0 | -0 | -0 | -0 |
| X3 | 10.000 | -0 | -0 | -0 | -0 | -0 | -0 | 186.700 | 186.700 | -0 |
| BT | 7.000 | 9.000 | 194.500 | -0 | 50.000 | 188.200 | -0 | 98.500 | 187.000 | 185.700 |
| BT | 107.000 | 187.000 | 185.700 | 150.000 | 186.700 | -0 | 200.000 | 186.700 | -0 | 250.000 |
| BT | 190.000 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| NC | .080 | .080 | .050 | -0 | -0 | -0 | -0 | -0 | -0 | -0 |
| QT | 7.000 | 560.000 | 560.000 | 560.000 | 560.000 | 190.000 | 400.000 | 1060.000 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|---------|---------|---------|---------|---------|---------|----------|----|----|
| X1 | 8650.000 | -0 | -0 | -0 | 50.000 | 50.000 | 50.000 | -0 | -0 | -0 |
| QT | 7.000 | 530.000 | 530.000 | 530.000 | 530.000 | 180.000 | 380.000 | 1000.000 | -0 | -0 |

| | | | | | | | | | | |
|----|----------|--------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 9150.000 | 15.000 | 200.000 | 207.000 | 500.000 | 500.000 | 500.000 | -0 | -0 | -0 |
| GR | 196.000 | 0 | 192.100 | 50.000 | 191.300 | 74.000 | 191.100 | 100.000 | 188.200 | 127.000 |

 INTERACTIVE HEC2 VERSION UPDATED SEPT 1976
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10
 MODIFICATIONS 50,51,52,53,54,55,56,57,58,59

T1 FPM5 BR FAYETTEVILLE NC FIS
 T2 FLOODWAY STUDY FLOODWAYS
 T3 HYBARTS CR MOUTH TO K-MART

J1 ICHECK INQ NINV IDIR STRT METRIC HVINS 0 WSEL FO
 .10 .3 .0 .0 .0 .0 .0 .0 131.000 .0

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBW CHNTH ITRACE
 15.000 .0 .1.000 .0 .0 .0 .0 .0 .0 15.000
 *PROF 2

CCHV= .100 CEHV= .300
 *SECNO 1.000

| SECNO | DEPTH | WSEL | CRWS | WSELK | EQ | HV | HL | GLOSS | BANK | ELEV |
|-------|-------|------|-------|--------|------|-------|-------|--------|------------|------|
| Q | QLOB | QCH | QROB | ALOR | AACH | AROB | VOL | TWA | LEFT/RIGHT | |
| TIME | VLOB | VCH | VROB | XLN | XNCH | XNR | WTN | ELMIN | SSTA | |
| SLOPE | XLOBL | XLCH | XLOBR | ITRIAL | IDC | ICONT | CORAR | TOPWID | ENDST | |

3470 ENCROACHMENT STATIONS= 190.0 340.0 TYPE= 2 TARGET= 150.000
 1.00 4.00 131.00 0 130.20 131.08 .08 0 0 128.00
 960. 415. 130. 415. 210. 35. 210. 0 0 128.00
 0 1.98 3.70 1.98 .100 .060 .100 0 127.00 190.00
 .004321 0 0 0 0 0 1 0 150.00 340.00

FLOW DISTRIBUTION

| STA= | 190. | 220. | 260. | 270. | 340. |
|--------|------|-------|------|-------|------|
| PER Q= | 17.9 | 25.4 | 13.5 | 43.2 | |
| AREA= | 90.0 | 120.0 | 35.0 | 210.0 | |
| VEL= | 1.9 | 2.0 | 3.7 | 2.0 | |

*SECNO 5.000

3470 ENCROACHMENT STATIONS= 190.0 340.0 TYPE= 2 TARGET= 150.000
 5.00 4.02 131.02 0 130.21 131.10 .08 .02 .00 128.00
 960. 416. 130. 415. 211. 35. 211. 0. 0. 128.00
 .00 1.97 3.68 1.96 .100 .060 .100 .048 127.00 190.00
 .004242 4. 4. 4. 0 0 1 0 150.00 340.00

FLOW DISTRIBUTION

| STA= | 190. | 220. | 260. | 270. | 340. |
|--------|------|-------|------|-------|------|
| PER Q= | 17.9 | 25.4 | 13.5 | 43.2 | |
| AREA= | 90.5 | 120.7 | 35.2 | 211.2 | |
| VEL= | 1.9 | 2.0 | 3.7 | 2.0 | |

SUMMARY PRINTOUT

HYBARTS CR MOUTH TO KONA

| SECNO | CWSEL | 960 | ELMIN | EQ | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|-----------|--------|--------|--------|--------|------|--------|--------|--------|--------|--------|------|
| 1.00 | 130.20 | 960.00 | 127.00 | 130.23 | .03 | 29.68 | 0 | 358.00 | 86.00 | 444.00 | 2.5 |
| 1.00 | 131.00 | 960.00 | 127.00 | 131.08 | .08 | 43.21 | .80 | 150.00 | 190.00 | 340.00 | 3.7 |
| 5.00 | 130.21 | 960.00 | 127.00 | 130.24 | .03 | 29.12 | 0 | 358.47 | 85.76 | 444.24 | 2.5 |
| 5.00 | 131.02 | 960.00 | 127.00 | 131.10 | .08 | 42.42 | .81 | 150.00 | 190.00 | 340.00 | 3.6 |
| 10.00 | 130.23 | 960.00 | 127.00 | 130.26 | .03 | 28.45 | 0 | 359.06 | 85.47 | 444.53 | 2.5 |
| 10.00 | 131.04 | 960.00 | 127.00 | 131.12 | .08 | 41.46 | .81 | 150.00 | 190.00 | 340.00 | 3.6 |
| 300.00 | 131.12 | 960.00 | 128.00 | 131.16 | .04 | 33.74 | 0 | 354.85 | 87.58 | 442.42 | 2.7 |
| 300.00 | 132.17 | 960.00 | 128.00 | 132.24 | .07 | 36.19 | 1.05 | 150.00 | 190.00 | 340.00 | 3.5 |
| 495.00 | 131.90 | 960.00 | 128.30 | 132.81 | .92 | 239.42 | 0 | 41.36 | 178.84 | 220.20 | 7.6 |
| 495.00 | 132.96 | 960.00 | 128.30 | 133.45 | .49 | 95.55 | 1.06 | 44.55 | 176.30 | 220.85 | 5.6 |
| * 500.00 | 134.76 | 960.00 | 128.50 | 135.91 | 1.14 | 61.99 | 0 | 114.67 | 166.68 | 281.36 | 9.7 |
| * 500.00 | 134.79 | 960.00 | 128.50 | 135.91 | 1.12 | 60.52 | .02 | 108.48 | 166.52 | 275.00 | 9.6 |
| * 550.00 | 143.85 | 960.00 | 128.50 | 143.85 | .00 | .19 | 0 | 374.26 | 67.78 | 442.03 | .9 |
| * 550.00 | 143.84 | 960.00 | 128.50 | 143.85 | .01 | .46 | -.01 | 150.00 | 125.00 | 275.00 | 1.5 |
| 560.00 | 143.85 | 960.00 | 130.00 | 143.85 | .00 | .01 | 0 | 297.75 | 35.75 | 333.50 | .3 |
| 560.00 | 143.85 | 960.00 | 130.00 | 143.85 | .00 | .01 | .00 | 250.00 | 50.00 | 300.00 | .3 |
| 1100.00 | 143.85 | 910.00 | 130.00 | 143.85 | .00 | .00 | 0 | 297.83 | 35.72 | 333.55 | .2 |
| 1100.00 | 143.85 | 910.00 | 130.00 | 143.86 | .01 | .03 | -.00 | 100.00 | 125.00 | 225.00 | .6 |
| 1400.00 | 143.85 | 910.00 | 136.30 | 143.85 | .01 | 1.06 | 0 | 420.42 | 2.98 | 423.00 | 1.0 |
| 1400.00 | 143.82 | 910.00 | 136.30 | 143.87 | .05 | 5.90 | -.02 | 100.00 | 157.50 | 257.50 | 2.5 |
| 1900.00 | 143.95 | 870.00 | 138.00 | 143.97 | .02 | 7.77 | 0 | 312.95 | 36.23 | 349.18 | 2.2 |
| 1900.00 | 144.27 | 870.00 | 138.00 | 144.37 | .09 | 19.35 | .33 | 100.00 | 150.00 | 250.00 | 3.7 |
| 2400.00 | 144.31 | 870.00 | 139.30 | 144.33 | .02 | 6.64 | 0 | 321.55 | 102.18 | 423.73 | 1.9 |
| 2400.00 | 145.22 | 870.00 | 139.30 | 145.31 | .10 | 18.43 | .91 | 100.00 | 156.50 | 256.50 | 3.6 |
| * 2700.00 | 146.31 | 870.00 | 141.00 | 146.87 | .57 | 155.30 | 0 | 158.17 | 125.70 | 283.87 | 8.5 |
| * 2700.00 | 146.47 | 870.00 | 141.00 | 147.31 | .85 | 187.21 | .16 | 75.84 | 210.00 | 285.84 | 9.6 |
| 3150.00 | 147.82 | 800.00 | 140.90 | 147.86 | .04 | 7.22 | 0 | 211.67 | 39.48 | 251.15 | 2.6 |
| 3150.00 | 148.63 | 800.00 | 140.90 | 148.72 | .10 | 10.82 | .81 | 80.00 | 66.00 | 146.00 | 3.4 |
| 3550.00 | 148.16 | 800.00 | 141.70 | 148.22 | .06 | 11.29 | 0 | 205.66 | 43.76 | 249.43 | 3.1 |
| 3550.00 | 149.09 | 800.00 | 141.70 | 149.21 | .11 | 13.30 | .94 | 80.00 | 66.00 | 146.00 | 3.7 |
| * 4050.00 | 149.05 | 760.00 | 142.60 | 149.79 | .74 | 112.99 | 0 | 140.70 | 136.10 | 276.80 | 8.3 |
| 4050.00 | 150.04 | 760.00 | 142.60 | 150.40 | .35 | 47.37 | .99 | 80.00 | 165.50 | 245.50 | 6.0 |
| 4550.00 | 152.49 | 760.00 | 144.60 | 152.66 | .17 | 33.53 | 0 | 163.18 | 103.85 | 267.03 | 4.9 |
| 4550.00 | 152.49 | 760.00 | 144.60 | 152.77 | .28 | 47.37 | .00 | 80.00 | 136.82 | 216.82 | 5.8 |
| * 4850.00 | 156.83 | 760.00 | 151.20 | 158.87 | 2.04 | 344.55 | 0 | 16.47 | 389.51 | 405.98 | 11.4 |
| * 4850.00 | 156.83 | 760.00 | 151.20 | 158.87 | 2.04 | 344.55 | .00 | 16.47 | 389.51 | 405.98 | 11.4 |

| SECNO | CHSEL | Q | ELMIN | EG | HV | 10K+S | DIFWSP | TOPWID | SSTA | ENDST | VCH |
|----------|--------|--------|--------|--------|-----|--------|--------|--------|--------|--------|------|
| 9150.00 | 188.28 | 530.00 | 185.90 | 188.84 | .56 | 478.34 | 0 | 87.92 | 126.23 | 214.15 | 9.2 |
| 9150.00 | 189.07 | 530.00 | 185.90 | 190.05 | .98 | 397.14 | .79 | 41.62 | 178.50 | 220.12 | 10.7 |
| 9550.00 | 199.53 | 500.00 | 193.50 | 200.46 | .93 | 187.83 | 0 | 20.25 | 90.42 | 110.67 | 8.5 |
| 9550.00 | 199.57 | 500.00 | 193.50 | 200.48 | .90 | 180.40 | .04 | 20.36 | 90.37 | 110.73 | 8.4 |
| 10000.00 | 201.75 | 500.00 | 193.50 | 201.81 | .05 | 10.68 | 0 | 168.74 | 88.14 | 256.88 | 2.7 |
| 10000.00 | 202.48 | 500.00 | 193.50 | 202.67 | .19 | 21.24 | .72 | 43.10 | 87.40 | 130.50 | 4.1 |

| | | | | | | |
|-------------|-------|-------|-----|-------|-------|----|
| 6900.000 | 129. | 814. | .8 | 173.4 | 173.3 | .1 |
| 6950.000 | 50. | 284. | 2.2 | 173.3 | 173.3 | .0 |
| 7000.000 | 50. | 977. | .6 | 187.1 | 187.2 | .0 |
| 7050.000 | 268. | 2429. | .3 | 187.2 | 187.2 | .0 |
| 7500.000 | 188. | 1701. | .4 | 187.2 | 187.2 | .0 |
| 8000.000 | 141. | 653. | .7 | 187.2 | 187.2 | .0 |
| 8300.000 | 54. | 200. | 2.9 | 187.1 | 187.1 | .0 |
| 8550.000 | 50. | 222. | 2.6 | 186.8 | 187.1 | .2 |
| 8600.000 | 50. | 250. | 2.3 | 187.4 | 187.7 | .4 |
| E 8650.000 | 50. | 272. | 2.1 | 187.9 | 187.9 | .0 |
| 9150.000 | 42.80 | 78. | 6.8 | 189.1 | 188.3 | .8 |
| 9550.000 | 20.50 | 70. | 7.1 | 199.6 | 199.5 | .0 |
| F 10000.000 | 43.80 | 170. | 2.9 | 202.5 | 201.8 | .7 |

THE WESTERN UNION COMPANY

SUMMARY PRINTOUT

HYBARTS CR MOUTH TO K-MA

| SECNO | CWSEL | EG | WSELK | TOPWID | QLOR | QCH | QROR | PERENC | STENCL | STCHL | STCHR |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1.00 | 130.20 | 130.23 | 130.20 | 358.00 | 454.71 | 69.72 | 435.57 | 0 | 0 | 260.00 | 270.0 |
| 1.00 | 131.00 | 131.08 | 130.20 | 150.00 | 415.44 | 129.65 | 414.92 | 150.00 | 190.00 | 260.00 | 270.0 |
| 5.00 | 130.21 | 130.24 | 0 | 358.47 | 454.74 | 69.57 | 435.69 | 0 | 0 | 260.00 | 270.0 |
| 5.00 | 131.02 | 131.10 | 130.21 | 150.00 | 415.51 | 129.51 | 414.98 | 150.00 | 190.00 | 260.00 | 270.0 |
| 10.00 | 130.23 | 130.26 | 0 | 359.06 | 454.78 | 69.39 | 435.84 | 0 | 0 | 260.00 | 270.0 |
| 10.00 | 131.04 | 131.12 | 130.23 | 150.00 | 415.59 | 129.35 | 415.06 | 150.00 | 190.00 | 260.00 | 270.0 |
| 300.00 | 131.12 | 131.16 | 0 | 354.85 | 454.51 | 70.76 | 434.73 | 0 | 0 | 260.00 | 270.0 |
| 300.00 | 132.17 | 132.24 | 131.12 | 150.00 | 416.09 | 128.39 | 415.52 | 150.00 | 190.00 | 260.00 | 270.0 |
| 495.00 | 131.90 | 132.81 | 0 | 41.36 | 0 | 960.00 | 0 | 0 | 0 | 175.00 | 221.0 |
| 495.00 | 132.96 | 133.45 | 131.90 | 44.55 | 0 | 960.00 | 0 | 150.00 | 123.00 | 175.00 | 221.0 |
| * 500.00 | 134.76 | 135.91 | 0 | 114.67 | 94.72 | 733.40 | 131.89 | 0 | 0 | 194.00 | 206.0 |
| * 500.00 | 134.79 | 135.91 | 134.76 | 108.48 | 95.71 | 729.45 | 134.84 | 150.00 | 125.00 | 194.00 | 206.0 |
| * 550.00 | 143.85 | 143.85 | 0 | 374.26 | 217.21 | 178.93 | 563.85 | 0 | 0 | 194.00 | 206.0 |
| * 550.00 | 143.84 | 143.85 | 143.85 | 150.00 | 292.30 | 280.80 | 386.90 | 150.00 | 125.00 | 194.00 | 206.0 |
| 560.00 | 143.85 | 143.85 | 0 | 297.75 | 2.96 | 953.17 | 3.87 | 0 | 0 | 60.00 | 290.0 |
| 560.00 | 143.85 | 143.85 | 143.85 | 250.00 | 2.03 | 955.95 | 2.00 | 250.00 | 50.00 | 60.00 | 290.0 |
| 1100.00 | 143.85 | 143.85 | 0 | 297.83 | 2.81 | 903.52 | 3.67 | 0 | 0 | 60.00 | 290.0 |
| 1100.00 | 143.85 | 143.86 | 143.85 | 100.00 | 0 | 910.00 | 0 | 100.00 | 125.00 | 60.00 | 290.0 |
| 1400.00 | 143.85 | 143.85 | 0 | 420.42 | 492.68 | 108.59 | 308.73 | 0 | 0 | 200.00 | 215.0 |
| 1400.00 | 143.82 | 143.87 | 143.85 | 100.00 | 346.65 | 254.44 | 308.90 | 100.00 | 157.50 | 200.00 | 215.0 |
| 1900.00 | 143.95 | 143.97 | 0 | 312.95 | 382.01 | 113.20 | 374.79 | 0 | 0 | 195.00 | 205.0 |
| 1900.00 | 144.27 | 144.37 | 143.95 | 100.00 | 335.57 | 198.86 | 335.57 | 100.00 | 150.00 | 195.00 | 205.0 |
| 2400.00 | 144.31 | 144.33 | 0 | 321.55 | 145.12 | 108.50 | 616.37 | 0 | 0 | 200.00 | 213.0 |
| 2400.00 | 145.22 | 145.31 | 144.31 | 100.00 | 286.45 | 248.50 | 335.05 | 100.00 | 156.50 | 200.00 | 213.0 |
| * 2700.00 | 146.31 | 146.87 | 0 | 158.17 | 400.22 | 378.02 | 90.96 | 0 | 0 | 245.00 | 255.0 |
| * 2700.00 | 146.47 | 147.31 | 146.31 | 75.84 | 307.66 | 440.93 | 121.41 | 80.00 | 210.00 | 245.00 | 255.0 |
| 3150.00 | 147.82 | 147.86 | 0 | 211.67 | 131.57 | 202.71 | 465.72 | 0 | 0 | 100.00 | 112.0 |
| 3150.00 | 148.63 | 148.72 | 147.82 | 80.00 | 201.93 | 302.49 | 295.58 | 80.00 | 66.00 | 100.00 | 112.0 |
| 3550.00 | 148.16 | 148.22 | 0 | 205.66 | 122.12 | 224.39 | 453.49 | 0 | 0 | 100.00 | 112.0 |
| 3550.00 | 149.09 | 149.21 | 148.16 | 80.00 | 194.74 | 310.17 | 295.09 | 80.00 | 66.00 | 100.00 | 112.0 |
| * 4050.00 | 149.05 | 149.79 | 0 | 140.70 | 178.38 | 503.03 | 78.59 | 0 | 0 | 200.00 | 211.0 |
| 4050.00 | 150.04 | 150.40 | 149.05 | 80.00 | 208.49 | 430.55 | 120.96 | 80.00 | 165.50 | 200.00 | 211.0 |
| 4550.00 | 152.49 | 152.66 | 0 | 163.18 | 270.78 | 284.73 | 204.49 | 0 | 0 | 172.64 | 181.0 |
| 4550.00 | 152.49 | 152.77 | 152.49 | 80.00 | 255.46 | 338.44 | 166.10 | 80.00 | 136.82 | 172.64 | 181.0 |
| * 4850.00 | 156.83 | 158.87 | 0 | 16.47 | 0 | 760.00 | 0 | 0 | 0 | 387.00 | 408.0 |
| * 4850.00 | 156.83 | 158.87 | 156.83 | 16.47 | 0 | 760.00 | 0 | 80.00 | 357.50 | 387.00 | 408.0 |

PRINTED ON MICROFILM BY...

| SECNO | CWSEL | EG | WSELK | TOPWID | QLOB | OCH | QROB | PERENC | STENCL | STCHL | STCHR |
|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 4950.00 | 157.64 | 160.73 | 0 | 8.30 | 0 | 720.00 | 0 | 0 | 0 | 394.70 | 403.0 |
| 4950.00 | 157.64 | 160.73 | 157.64 | 8.30 | 0 | 720.00 | 0 | 80.00 | 358.85 | 394.70 | 403.0 |
| 5000.00 | 159.07 | 161.10 | 0 | 8.30 | 0 | 720.00 | 0 | 0 | 0 | 394.70 | 403.0 |
| 5000.00 | 159.07 | 161.10 | 159.07 | 8.30 | 0 | 720.00 | 0 | 80.00 | 358.85 | 394.70 | 403.0 |
| 5050.00 | 161.15 | 161.39 | 0 | 228.02 | 267.98 | 415.30 | 36.72 | 0 | 0 | 394.70 | 403.0 |
| 5050.00 | 160.86 | 161.41 | 161.15 | 61.47 | 143.84 | 533.73 | 42.73 | 80.00 | 358.85 | 394.70 | 403.0 |
| 5300.00 | 161.62 | 161.76 | 0 | 114.77 | 40.24 | 518.28 | 161.48 | 0 | 0 | 100.00 | 125.0 |
| 5300.00 | 161.77 | 161.98 | 161.62 | 50.00 | 44.42 | 609.56 | 66.02 | 50.00 | 87.50 | 100.00 | 125.0 |
| 5500.00 | 161.57 | 162.18 | 0 | 106.57 | 50.41 | 648.92 | 20.67 | 0 | 0 | 291.00 | 317.0 |
| 5500.00 | 161.78 | 162.40 | 161.57 | 50.00 | 21.44 | 677.34 | 21.22 | 50.00 | 279.00 | 291.00 | 317.0 |
| 5550.00 | 172.59 | 173.26 | 0 | 249.70 | 47.33 | 637.02 | 5.64 | 0 | 0 | 414.00 | 445.0 |
| 5550.00 | 172.13 | 173.27 | 172.59 | 46.01 | 6.73 | 680.85 | 2.42 | 50.00 | 404.50 | 414.00 | 445.0 |
| 5600.00 | 173.33 | 173.33 | 0 | 249.97 | .31 | 689.30 | .39 | 0 | 0 | 40.00 | 260.0 |
| 5600.00 | 173.39 | 173.39 | 173.33 | 250.48 | .32 | 689.28 | .40 | 300.00 | .01 | 40.00 | 260.0 |
| 6000.00 | 173.33 | 173.33 | 0 | 231.97 | .04 | 669.92 | .04 | 0 | 0 | 40.00 | 260.0 |
| 6000.00 | 173.39 | 173.39 | 173.33 | 232.48 | .04 | 669.91 | .05 | 300.00 | .01 | 40.00 | 260.0 |
| 6500.00 | 173.33 | 173.33 | 0 | 214.64 | 0 | 640.00 | 0 | 0 | 0 | 40.00 | 260.0 |
| 6500.00 | 173.39 | 173.39 | 173.33 | 215.09 | 0 | 640.00 | 0 | 300.00 | .01 | 40.00 | 260.0 |
| 6900.00 | 173.33 | 173.34 | 0 | 129.12 | 0 | 640.00 | 0 | 0 | 0 | 26.00 | 169.0 |
| 6900.00 | 173.38 | 173.39 | 173.33 | 129.41 | 0 | 640.00 | 0 | 300.00 | .01 | 26.00 | 169.0 |
| 6950.00 | 173.28 | 173.36 | 0 | 206.52 | 60.24 | 491.23 | 78.53 | 0 | 0 | 185.00 | 212.0 |
| 6950.00 | 173.29 | 173.43 | 173.28 | 50.00 | 13.60 | 600.54 | 15.86 | 50.00 | 173.50 | 185.00 | 212.0 |
| 7000.00 | 187.16 | 187.17 | 0 | 363.25 | 137.09 | 307.41 | 185.49 | 0 | 0 | 185.00 | 212.0 |
| 7000.00 | 187.15 | 187.16 | 187.16 | 50.00 | 18.76 | 590.50 | 20.75 | 50.00 | 173.50 | 185.00 | 212.0 |
| 7050.00 | 187.17 | 187.17 | 0 | 268.64 | .59 | 628.61 | .80 | 0 | 0 | 55.00 | 260.0 |
| 7050.00 | 187.16 | 187.16 | 187.17 | 268.38 | .59 | 628.62 | .79 | 315.00 | .01 | 55.00 | 260.0 |
| 7500.00 | 187.17 | 187.17 | 0 | 188.05 | .59 | 628.60 | .80 | 0 | 0 | 38.50 | 182.0 |
| 7500.00 | 187.16 | 187.16 | 187.17 | 187.88 | .59 | 628.61 | .80 | 315.00 | .01 | 38.50 | 182.0 |
| 8000.00 | 187.16 | 187.17 | 0 | 141.41 | 0 | 580.00 | 0 | 0 | 0 | 55.06 | 260.2 |
| 8000.00 | 187.16 | 187.17 | 187.16 | 141.29 | 0 | 580.00 | 0 | 315.00 | .16 | 55.06 | 260.2 |
| 8300.00 | 187.08 | 187.21 | 0 | 54.14 | 0 | 580.00 | 0 | 0 | 0 | 30.28 | 143.1 |
| 8300.00 | 187.08 | 187.21 | 187.08 | 54.12 | 0 | 580.00 | 0 | 315.00 | .01 | 30.28 | 143.1 |
| 8550.00 | 187.05 | 187.28 | 0 | 153.91 | 59.52 | 321.63 | 198.84 | 0 | 0 | 98.50 | 107.0 |
| 8550.00 | 186.81 | 187.41 | 187.05 | 50.00 | 77.32 | 430.46 | 72.22 | 50.00 | 77.75 | 98.50 | 107.0 |
| 8600.00 | 187.74 | 187.90 | 0 | 171.65 | 61.07 | 299.46 | 219.47 | 0 | 0 | 98.50 | 107.0 |
| 8600.00 | 187.37 | 187.85 | 187.74 | 50.00 | 80.79 | 423.15 | 76.07 | 50.00 | 77.75 | 98.50 | 107.0 |
| 8650.00 | 187.90 | 187.92 | 0 | 175.74 | 92.37 | 132.57 | 335.06 | 0 | 0 | 98.50 | 107.0 |
| 8650.00 | 187.81 | 187.91 | 187.90 | 50.00 | 162.41 | 244.51 | 153.08 | 50.00 | 77.75 | 98.50 | 107.0 |

PREPARED BY: ...
 DATE: ...
 TIME: ...

| SECNO | CWSEL | EG | WSELK | TOPWID | QLOB | QCH | QROR | PERENC | STENCL | STCHL | STCHR |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 9150.00 | 188.28 | 188.84 | 0 | 87.92 | 398.05 | 116.87 | 15.07 | 0 | 0 | 200.00 | 207.0 |
| 9150.00 | 189.07 | 190.05 | 188.28 | 41.62 | 283.52 | 195.19 | 51.29 | 50.00 | 178.50 | 200.00 | 207.0 |
| 9550.00 | 199.53 | 200.46 | 0 | 20.25 | 143.25 | 356.75 | 0 | 0 | 0 | 100.00 | 111.0 |
| 9550.00 | 199.57 | 200.48 | 199.53 | 20.36 | 144.11 | 355.88 | 0 | 50.00 | 80.50 | 100.00 | 111.0 |
| 10000.00 | 201.75 | 201.81 | 0 | 168.74 | 84.60 | 179.91 | 235.49 | 0 | 0 | 100.00 | 111.0 |
| 10000.00 | 202.48 | 202.67 | 201.75 | 43.10 | 149.12 | 306.46 | 44.41 | 50.00 | 80.50 | 100.00 | 111.0 |

POSSIBLE ERROR SECNO= 500.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 500.00 PROFILE= 1 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 500.00 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 500.00 PROFILE= 2 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 2700.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 2700.00 PROFILE= 1 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 2700.00 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 2700.00 PROFILE= 2 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 4050.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 4850.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 4850.00 PROFILE= 1 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 4850.00 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 4850.00 PROFILE= 2 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 4950.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 4950.00 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 5550.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 5550.00 PROFILE= 1 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 5550.00 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 5550.00 PROFILE= 2 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 9150.00 PROFILE= 1 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 9150.00 PROFILE= 1 20 TRIALS REQUIRED TO BALANCE WSEL

POSSIBLE ERROR SECNO= 9150.00 PROFILE= 2 CRITICAL DEPTH ASSUMED

POSSIBLE ERROR SECNO= 9150.00 PROFILE= 2 20 TRIALS REQUIRED TO BALANCE WSEL

PRINTED FROM ABBAS FROM 20