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

C
 T1 REIDSVILLE, N. C.
 T2 KBO 4/26/77 10 YR FLOOD
 T3 HOLF ISLAND CR,

| J1 | ICHECK | INO | NINX | IDIR | STRT | METRIC | HVINS | Q | WSEL | FO |
|----|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|---------|--------|
| | -1. | 5. | 0. | 0. | .003000 | 0.00 | 0.0 | 0. | 625.000 | 0.000 |
| J2 | NPROF | IPLOT | PREVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 0.000 | 0.000 | -1.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 15.000 |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT | | | | | | | | | |
| | 3a.000 | 1.000 | 3.000 | 42.000 | 41.000 | 0.000 | 38.000 | 1.000 | 13.000 | 14.000 |
| | 15.000 | 55.000 | 26.000 | 56.000 | 0.000 | 150.000 | 201.000 | 0.000 | 0.000 | 0.000 |
| NO | .120 | .120 | .070 | .200 | .400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QT | 7.000 | 4600.000 | 4600.000 | 4600.000 | 1950.000 | 3500.000 | 4600.000 | 8500.000 | 0.000 | 0.000 |

XXXXSURVEY SECTION RHIC1XXXX

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|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 94200.000 | 16.000 | 1000.000 | 1025.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| GR | 643.400 | 540.000 | 623.800 | 600.000 | 620.200 | 630.000 | 619.400 | 700.000 | 624.200 | 800.000 |
| GR | 624.700 | 900.000 | 624.700 | 1000.000 | 517.800 | 1005.000 | 617.300 | 1020.000 | 624.600 | 1025.000 |
| GR | 623.900 | 1100.000 | 623.800 | 1200.000 | 624.500 | 1300.000 | 625.100 | 1460.000 | 627.000 | 1440.000 |
| GR | 643.600 | 1485.000 | 0.000 | 0.000 | 0.500 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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|----|-----------|-------|-------|-------|---------|---------|---------|-------|------|-------|
| X1 | 94300.000 | 0.000 | 0.000 | 0.000 | 100.000 | 100.000 | 100.000 | 0.000 | .100 | 0.000 |
|----|-----------|-------|-------|-------|---------|---------|---------|-------|------|-------|

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|----|-----------|-------|-------|-------|---------|---------|---------|-------|------|-------|
| X1 | 94400.000 | 0.000 | 0.000 | 0.000 | 100.000 | 100.000 | 100.000 | 0.000 | .100 | 0.000 |
|----|-----------|-------|-------|-------|---------|---------|---------|-------|------|-------|

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|----|-----------|-------|-------|-------|---------|---------|---------|-------|------|-------|
| X1 | 94500.000 | 0.000 | 0.000 | 0.000 | 100.000 | 100.000 | 100.000 | 0.000 | .100 | 0.000 |
|----|-----------|-------|-------|-------|---------|---------|---------|-------|------|-------|

XXXXSURVEY SECTION RHIC2XXXX

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 95660.000 | 15.000 | 1000.000 | 1023.000 | 1160.000 | 1160.000 | 1160.000 | 0.000 | 0.000 | 0.000 |
| GR | 644.800 | 500.000 | 638.100 | 600.000 | 628.000 | 700.000 | 626.600 | 800.000 | 626.200 | 819.000 |
| GR | 621.900 | 822.000 | 621.800 | 832.000 | 625.800 | 837.000 | 626.500 | 900.000 | 628.500 | 1000.000 |
| GR | 620.800 | 1005.000 | 620.600 | 1010.000 | 627.600 | 1023.000 | 628.200 | 1100.000 | 648.100 | 1150.000 |
| QT | 7.000 | 4100.000 | 4100.000 | 4100.000 | 1740.000 | 3140.000 | 4100.000 | 7440.000 | 0.000 | 0.000 |

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|----|-----------|--------|---------|----------|----------|----------|----------|-------|-------|-------|
| X1 | 96850.000 | 11.000 | 960.000 | 1000.000 | 1190.000 | 1190.000 | 1190.000 | 0.000 | 0.000 | 0.000 |
|----|-----------|--------|---------|----------|----------|----------|----------|-------|-------|-------|

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|----|---------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| GR | 648,000 | 0,000 | 628,000 | 200,000 | 627,500 | 850,000 | 630,000 | 680,000 | 630,000 | 960,000 |
| GR | 625,400 | 980,000 | 625,400 | 1000,000 | 630,000 | 1000,000 | 635,000 | 1250,000 | 659,000 | 1310,000 |
| GR | 660,000 | 1340,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| NO | ,090 | ,090 | ,040 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| QT | 7,000 | 3780,000 | 3780,000 | 3780,000 | 1580,000 | 2890,000 | 3780,000 | 6860,000 | 0,000 | 0,000 |

| | | | | | | | | | | |
|----|-----------|-------|-------|-------|--------|--------|---------|---------|---------|---------|
| X1 | 96900,000 | 0,000 | 0,000 | 0,000 | 50,000 | 50,000 | 50,000 | 0,000 | 0,000 | 0,000 |
| X3 | 10,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 638,000 | 638,000 | 0,000 |
| NO | ,090 | ,090 | ,015 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| SJ | 1,250 | 1,670 | 2,600 | 0,000 | 37,400 | 1,400 | 403,000 | 0,000 | 626,400 | 625,400 |

XXXXN. C. ROUTE 14 RWIC3XXXX

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|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 97000,000 | 17,000 | 962,600 | 1000,000 | 100,000 | 100,000 | 100,000 | 0,000 | 0,000 | 0,000 |
| X2 | 0,000 | 0,000 | 1,000 | 637,600 | 641,500 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| X3 | 10,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 641,500 | 641,500 | 0,000 |
| BT | 11,000 | 0,000 | 660,000 | 0,000 | 120,000 | 642,000 | 0,000 | 600,000 | 641,400 | 0,000 |
| BT | 800,000 | 643,400 | 0,000 | 962,600 | 646,700 | 0,000 | 962,600 | 646,700 | 637,500 | 1000,000 |
| BT | 646,700 | 637,500 | 1000,000 | 646,700 | 0,000 | 1200,000 | 654,500 | 0,000 | 1410,000 | 662,800 |
| BT | 0,000 | 1500,000 | 666,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| GR | 660,000 | 0,000 | 642,000 | 120,000 | 629,000 | 200,000 | 628,000 | 570,000 | 630,000 | 680,000 |
| GR | 637,000 | 700,000 | 637,000 | 720,000 | 635,000 | 740,000 | 630,000 | 940,000 | 630,000 | 962,600 |
| GR | 626,400 | 962,600 | 626,400 | 1000,000 | 630,000 | 1000,000 | 635,000 | 1300,000 | 660,000 | 1400,000 |
| GR | 662,800 | 1410,000 | 666,000 | 1500,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| NO | ,080 | ,080 | ,060 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| QT | 7,000 | 3780,000 | 3730,000 | 3780,000 | 1580,000 | 2890,000 | 3780,000 | 6860,000 | 0,000 | 0,000 |

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|----|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 97050,000 | 11,000 | 460,000 | 481,000 | 50,000 | 50,000 | 50,000 | 0,000 | 2,000 | 0,000 |
| GR | 650,000 | 0,000 | 645,000 | 35,000 | 640,000 | 50,000 | 635,000 | 70,000 | 632,000 | 260,000 |
| GR | 633,900 | 450,000 | 628,700 | 464,000 | 628,800 | 476,000 | 636,400 | 481,000 | 635,000 | 600,000 |
| GR | 650,000 | 640,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |

XXXXSURVEY SECTION RWIC4XXXX

| | | | | | | | | | | |
|----|-----------|-------|-------|-------|---------|---------|---------|-------|-------|-------|
| X1 | 97425,000 | 0,000 | 0,000 | 0,000 | 375,000 | 375,000 | 375,000 | 0,000 | 2,000 | 0,000 |
|----|-----------|-------|-------|-------|---------|---------|---------|-------|-------|-------|

COMPOSED SECTION

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 99105,000 | 10,000 | 270,000 | 291,000 | 1680,000 | 1680,000 | 1680,000 | 0,000 | 0,000 | 0,000 |
| GR | 650,000 | 0,000 | 645,000 | 70,000 | 640,000 | 110,000 | 640,900 | 270,000 | 635,700 | 274,000 |
| GR | 635,800 | 286,000 | 641,400 | 291,000 | 640,000 | 550,000 | 645,000 | 610,000 | 650,000 | 650,000 |
| NC | ,100 | ,100 | ,060 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |

COMPOSED SECTION

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| X1 | 101000,000 | 16,000 | 280,000 | 301,000 | 1895,000 | 1895,000 | 1895,000 | 0,000 | 0,000 | 0,000 |
| GR | 665,000 | 0,000 | 660,000 | 30,000 | 655,000 | 60,000 | 650,000 | 85,000 | 645,000 | 110,000 |
| GR | 640,000 | 250,000 | 640,000 | 280,000 | 638,000 | 284,000 | 638,000 | 296,000 | 640,000 | 301,000 |
| GR | 640,000 | 305,000 | 645,000 | 850,000 | 650,000 | 900,000 | 655,000 | 935,000 | 660,000 | 970,000 |
| GR | 665,000 | 1010,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| QT | 7,000 | 3510,000 | 3510,000 | 3510,000 | 1550,000 | 2680,000 | 3510,000 | 6380,000 | 0,000 | 0,000 |

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|----|------------|-------|-------|-------|---------|---------|---------|-------|------|-------|
| X1 | 101400,000 | 0,000 | 0,000 | 0,000 | 400,000 | 400,000 | 400,000 | 0,000 | ,200 | 0,000 |
|----|------------|-------|-------|-------|---------|---------|---------|-------|------|-------|

SURVEY SECTION RWIC5

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|----|------------|--------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 102500,000 | 13,000 | 233,000 | 249,000 | 1100,000 | 1100,000 | 1100,000 | 0,000 | 0,000 | 0,000 |
| GR | 660,000 | 0,000 | 655,000 | 50,000 | 650,000 | 80,000 | 645,000 | 230,000 | 640,000 | 233,000 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| GR | 639,000 | 235,000 | 639,000 | 245,000 | 640,000 | 249,000 | 640,000 | 255,000 | 645,000 | 290,000 |
| GR | 650,000 | 360,000 | 655,000 | 510,000 | 660,000 | 530,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| NC | .110 | .090 | .060 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| X1 | 103650,000 | 15,000 | 115,000 | 135,000 | 1150,000 | 1150,000 | 1150,000 | 0,000 | 0,000 | 0,000 |
| GR | 670,000 | 0,000 | 665,000 | 20,000 | 660,000 | 40,000 | 655,000 | 60,000 | 650,000 | 100,000 |
| GR | 645,000 | 115,000 | 642,200 | 119,000 | 642,200 | 130,000 | 645,000 | 135,000 | 650,000 | 160,000 |
| GR | 653,000 | 300,000 | 655,000 | 500,000 | 660,000 | 555,000 | 665,000 | 610,000 | 670,000 | 700,000 |
| NC | .110 | .110 | .060 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| QT | 7,000 | 3240,000 | 3240,000 | 3240,000 | 1540,000 | 2480,000 | 3240,000 | 5890,000 | 0,000 | 0,000 |

SURVEY SECTION RWIC5

| | | | | | | | | | | |
|----|------------|---------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 104860,000 | 12,000 | 85,000 | 115,000 | 1210,000 | 1210,000 | 1210,000 | 0,000 | 0,000 | 0,000 |
| GR | 665,000 | 0,000 | 660,000 | 40,000 | 655,000 | 60,000 | 650,000 | 80,000 | 650,000 | 85,000 |
| GR | 646,000 | 90,000 | 646,000 | 110,000 | 650,000 | 115,000 | 650,000 | 125,000 | 655,000 | 150,000 |
| GR | 660,000 | 175,000 | 665,000 | 200,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| NC | .090 | .110 | .060 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |

COMPOSED SECTION

| | | | | | | | | | | |
|----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 105800,000 | 12,000 | 258,000 | 282,000 | 940,000 | 940,000 | 940,000 | 0,000 | 0,000 | 0,000 |
| GR | 665,000 | 0,000 | 660,000 | 100,000 | 655,000 | 205,000 | 650,000 | 255,000 | 652,000 | 258,000 |
| GR | 648,000 | 263,000 | 648,000 | 277,000 | 651,000 | 282,000 | 650,000 | 290,000 | 655,000 | 300,000 |
| GR | 660,000 | 325,000 | 665,000 | 350,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |

SURVEY SECTION RWIC7

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| X1 | 106440,000 | 12,000 | 263,000 | 288,000 | 640,000 | 640,000 | 640,000 | 0,000 | 0,000 | 0,000 |
| GR | 670,000 | 0,000 | 665,000 | 65,000 | 660,000 | 155,000 | 655,000 | 255,000 | 658,200 | 263,000 |
| GR | 652,900 | 266,000 | 653,100 | 284,000 | 658,600 | 288,000 | 655,000 | 290,000 | 660,000 | 310,000 |
| GR | 665,000 | 325,000 | 670,000 | 340,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| QT | 7,000 | 2630,000 | 2630,000 | 2630,000 | 1000,000 | 2010,000 | 2630,000 | 4800,000 | 0,000 | 0,000 |

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|----|------------|-------|-------|-------|---------|---------|---------|-------|-------|-------|
| X1 | 106600,000 | 0,000 | 0,000 | 0,000 | 160,000 | 160,000 | 160,000 | 0,000 | 0,000 | 0,000 |
| NC | .090 | .090 | .060 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |

COMPOSED SECTION

| | | | | | | | | | | |
|----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 107340,000 | 15,000 | 248,000 | 272,000 | 740,000 | 740,000 | 740,000 | 0,000 | 0,000 | 0,000 |
| GR | 675,000 | 0,000 | 670,000 | 35,000 | 665,000 | 75,000 | 660,000 | 230,000 | 660,000 | 248,000 |
| GR | 657,000 | 253,000 | 657,000 | 267,000 | 660,000 | 272,000 | 660,000 | 300,000 | 663,000 | 500,000 |
| GR | 660,000 | 685,000 | 660,000 | 720,000 | 665,000 | 740,000 | 670,000 | 760,000 | 675,000 | 785,000 |
| NC | .090 | .090 | .045 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |

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|----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 107500,000 | 15,000 | 233,000 | 287,000 | 160,000 | 160,000 | 160,000 | 0,000 | 0,000 | 0,000 |
| X3 | 10,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 668,000 | 668,000 | 0,000 |
| GR | 675,000 | 0,000 | 670,000 | 35,000 | 665,000 | 75,000 | 660,000 | 230,000 | 660,000 | 233,000 |
| GR | 658,000 | 245,000 | 658,000 | 275,000 | 660,000 | 287,000 | 660,000 | 300,000 | 663,000 | 500,000 |
| GR | 660,000 | 685,000 | 660,000 | 720,000 | 665,000 | 740,000 | 670,000 | 760,000 | 675,000 | 785,000 |
| SB | 1,250 | 1,200 | 2,600 | 0,000 | 30,000 | 6,000 | 339,000 | 1,330 | 658,000 | 658,000 |

XXXXWENTWORTH ROAD RWIC8

| | | | | | | | | | | |
|----|------------|-------|---------|---------|---------|---------|--------|---------|---------|-------|
| X1 | 107520,000 | 8,000 | 233,000 | 287,000 | 20,000 | 20,000 | 20,000 | 0,000 | -1,000 | 0,000 |
| X2 | 0,000 | 0,000 | 1,000 | 667,000 | 670,500 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 |
| X3 | 10,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 0,000 | 670,500 | 676,500 | 0,000 |
| BT | 15,000 | 0,000 | 675,000 | 0,000 | 20,000 | 672,800 | 0,000 | 30,000 | 672,000 | 0,000 |

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|----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| BT | 230.000 | 670.500 | 0.000 | 233.000 | 670.500 | 0.000 | 233.000 | 670.500 | 667.000 | 267.000 |
| BT | 670.500 | 667.000 | 287.000 | 670.500 | 0.000 | 310.000 | 670.600 | 0.000 | 430.000 | 672.000 |
| BT | 0.000 | 530.000 | 674.000 | 0.000 | 630.000 | 674.300 | 0.000 | 730.000 | 673.000 | 0.000 |
| BT | 770.000 | 672.800 | 0.000 | 790.000 | 675.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| GR | 675.000 | 0.000 | 665.000 | 110.000 | 665.000 | 233.000 | 659.000 | 237.000 | 659.000 | 249.000 |
| GR | 665.000 | 287.000 | 670.000 | 295.000 | 675.000 | 300.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| NC | .090 | .110 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

SURVEY SECTION RWIC09

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|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|---------|
| X1 | 107800.000 | 10.000 | 230.000 | 251.000 | 280.000 | 280.000 | 280.000 | 0.000 | 0.000 | 0.000 |
| GR | 675.000 | 0.000 | 670.000 | 30.000 | 665.000 | 90.000 | 656.800 | 230.000 | 659.000 | 234.000 |
| GR | 659.300 | 246.000 | 665.000 | 251.000 | 665.000 | 260.000 | 670.000 | 280.000 | 675.000 | 300.000 |
| NC | .110 | .110 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QT | 7.000 | 2450.000 | 2450.000 | 2450.000 | 920.000 | 1880.000 | 2450.000 | 4500.000 | 0.000 | 0.000 |

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|----|------------|---------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 108800.000 | 12.000 | 380.000 | 400.000 | 1000.000 | 1000.000 | 1000.000 | 0.000 | 0.000 | 0.000 |
| GR | 682.000 | 0.000 | 677.000 | 60.000 | 672.000 | 240.000 | 667.000 | 360.000 | 667.000 | 380.000 |
| GR | 661.700 | 385.000 | 661.700 | 395.000 | 667.000 | 400.000 | 667.000 | 435.000 | 672.000 | 500.000 |
| GR | 677.000 | 540.000 | 682.000 | 560.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

SURVEY SECTION RWIC10

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| X1 | 110290.000 | 13.000 | 250.000 | 271.000 | 1490.000 | 1490.000 | 1490.000 | 0.000 | 0.000 | 0.000 |
| GR | 695.000 | 0.000 | 690.000 | 60.000 | 685.000 | 130.000 | 680.000 | 165.000 | 675.000 | 230.000 |
| GR | 672.100 | 250.000 | 666.400 | 255.000 | 666.100 | 265.000 | 672.700 | 271.000 | 675.000 | 385.000 |
| GR | 680.000 | 465.000 | 685.000 | 500.000 | 690.000 | 560.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| NC | .100 | .090 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QT | 7.000 | 2290.000 | 2290.000 | 2290.000 | 880.000 | 1750.000 | 2290.000 | 4200.000 | 0.000 | 0.000 |

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|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| X1 | 111290.000 | 14.000 | 381.000 | 398.000 | 1000.000 | 1000.000 | 1000.000 | 0.000 | 0.000 | 0.000 |
| GR | 695.000 | 0.000 | 690.000 | 60.000 | 685.000 | 130.000 | 680.000 | 180.000 | 675.000 | 345.000 |
| GR | 675.000 | 381.000 | 671.000 | 386.000 | 671.000 | 394.000 | 675.000 | 398.000 | 675.000 | 420.000 |
| GR | 680.000 | 545.000 | 685.000 | 595.000 | 690.000 | 640.000 | 695.000 | 665.000 | 0.000 | 0.000 |
| NC | .100 | .100 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QT | 7.000 | 2200.000 | 2200.000 | 2200.000 | 850.000 | 1700.000 | 2200.000 | 4100.000 | 0.000 | 0.000 |

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|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|---------|
| X1 | 112700.000 | 14.000 | 260.000 | 280.000 | 910.000 | 910.000 | 910.000 | 0.000 | 0.000 | 0.000 |
| GR | 700.000 | 0.000 | 695.000 | 60.000 | 690.000 | 110.000 | 685.000 | 160.000 | 680.000 | 230.000 |
| GR | 680.000 | 260.000 | 676.000 | 266.000 | 676.000 | 274.000 | 680.000 | 280.000 | 680.000 | 310.000 |
| GR | 680.000 | 535.000 | 685.000 | 670.000 | 690.000 | 730.000 | 700.000 | 790.000 | 0.000 | 0.000 |
| QT | 7.000 | 2190.000 | 2190.000 | 2190.000 | 825.000 | 1670.000 | 2190.000 | 4000.000 | 0.000 | 0.000 |

SURVEY SECTION RWIC11

| | | | | | | | | | | |
|----|------------|---------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 113205.000 | 10.000 | 177.000 | 192.000 | 1005.000 | 1005.000 | 1005.000 | 0.000 | 0.000 | 0.000 |
| GR | 695.000 | 0.000 | 690.000 | 40.000 | 686.000 | 120.000 | 685.300 | 177.000 | 681.600 | 182.000 |
| GR | 681.400 | 188.000 | 685.200 | 192.000 | 686.000 | 400.000 | 690.000 | 660.000 | 695.000 | 740.000 |
| EJ | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

 HEO2 RELEASE DATED NOV 76 UPDATED FEB 1977
 ERROR CORR - 01
 MODIFICATION - 50,51,52

T1 REIDSVILLE, N. C.
 T2 K80 4/28/77 50 YR FLOOD
 T3 WOLF ISLAND CR.

| J1 | ICHECK | IND | NINV | IDIR | STRT | METRIC | RVINS | 0 | WSEL | FD |
|----|--------|-------|-------|-------|---------|--------|-------|-------|---------|--------|
| | 0. | 6. | 0. | 0. | .003000 | 0.00 | 0.0 | 0. | 625.000 | 0.000 |
| J2 | NPROF | IPLOT | PRFVS | XSECV | XSECH | FN | ALDC | IBW | CHNIM | ITRACE |
| | 2.000 | 0.000 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 15.000 |

THIS RUN EXECUTED 09 MAY 77 08.15

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

T1 REIDSVILLE, N.C.
T2 KBD 4/26/77 500 YR FLOOD
T3 WOLF ISLAND CR,

| J1 | TCHK | IND | NINV | IDTR | STRT | METRIC | HVINS | Q | WSEL | FO |
|----|------|-----|------|------|---------|--------|-------|----|---------|-------|
| | 0. | 8. | 0. | 0. | .003000 | 0.00 | 0.0 | 0. | 625.000 | 0.500 |

| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
|----|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| | 15.000 | 0.000 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 15.000 |

 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

WOLF ISLAND CR.

SUMMARY PRINTOUT

| SECNO | CWSEL | EG | ELMIN | ELLC |
|-------------|--------|--------|--------|--------|
| 94200.000 | 624.92 | 624.99 | 617.30 | 0.00 |
| 94200.000 | 625.99 | 626.06 | 617.30 | 0.00 |
| 94200.000 | 626.60 | 626.67 | 617.30 | 0.00 |
| 94200.000 | 628.18 | 628.27 | 617.30 | 0.00 |
| 94300.000 | 625.21 | 625.26 | 617.40 | 0.00 |
| 94300.000 | 626.29 | 626.34 | 617.40 | 0.00 |
| 94300.000 | 626.89 | 626.95 | 617.40 | 0.00 |
| 94300.000 | 628.47 | 628.55 | 617.40 | 0.00 |
| 94400.000 | 625.44 | 625.49 | 617.50 | 0.00 |
| 94400.000 | 626.53 | 626.58 | 617.50 | 0.00 |
| 94400.000 | 627.14 | 627.19 | 617.50 | 0.00 |
| 94400.000 | 628.73 | 628.80 | 617.50 | 0.00 |
| 94500.000 | 625.64 | 625.69 | 617.60 | 0.00 |
| 94500.000 | 626.75 | 626.79 | 617.60 | 0.00 |
| 94500.000 | 627.36 | 627.41 | 617.60 | 0.00 |
| 94500.000 | 628.96 | 629.03 | 617.60 | 0.00 |
| 95660.000 | 629.02 | 629.17 | 620.60 | 0.00 |
| 95660.000 | 630.25 | 630.41 | 620.60 | 0.00 |
| 95660.000 | 630.93 | 631.11 | 620.60 | 0.00 |
| 95660.000 | 632.76 | 632.99 | 620.60 | 0.00 |
| 96850.000 | 631.04 | 631.05 | 625.40 | 0.00 |
| 96850.000 | 632.31 | 632.32 | 625.40 | 0.00 |
| 96850.000 | 633.03 | 633.05 | 625.40 | 0.00 |
| 96850.000 | 634.98 | 635.01 | 625.40 | 0.00 |
| 96900.000 | 630.58 | 631.48 | 625.40 | 0.00 |
| * 96900.000 | 630.83 | 633.58 | 625.40 | 0.00 |
| * 96900.000 | 631.91 | 635.18 | 625.40 | 0.00 |
| * 96900.000 | 635.09 | 639.95 | 625.40 | 0.00 |
| 97000.000 | 630.78 | 632.22 | 626.40 | 637.60 |
| * 97000.000 | 633.50 | 635.34 | 626.40 | 637.60 |
| * 97000.000 | 634.89 | 637.09 | 626.40 | 637.60 |
| * 97000.000 | 642.02 | 642.05 | 626.40 | 637.60 |

| SECNO | CHSEL | EG | ELMIN | FLLC |
|------------|--------|--------|--------|------|
| 97050.000 | 632.43 | 632.64 | 626.70 | 0.00 |
| 97050.000 | 635.71 | 635.75 | 626.70 | 0.00 |
| 97050.000 | 637.53 | 637.56 | 626.70 | 0.00 |
| 97050.000 | 642.03 | 642.06 | 626.70 | 0.00 |
| 97425.000 | 634.89 | 635.00 | 628.70 | 0.00 |
| 97425.000 | 636.15 | 636.24 | 628.70 | 0.00 |
| 97425.000 | 637.74 | 637.79 | 628.70 | 0.00 |
| 97425.000 | 642.12 | 642.16 | 628.70 | 0.00 |
| 99105.000 | 642.16 | 642.27 | 635.70 | 0.00 |
| 99105.000 | 642.77 | 642.93 | 635.70 | 0.00 |
| 99105.000 | 642.41 | 642.84 | 635.70 | 0.00 |
| 99105.000 | 643.68 | 644.04 | 635.70 | 0.00 |
| 101000.000 | 644.85 | 644.87 | 638.00 | 0.00 |
| 101000.000 | 645.97 | 646.00 | 638.00 | 0.00 |
| 101000.000 | 646.67 | 645.70 | 638.00 | 0.00 |
| 101000.000 | 648.23 | 648.28 | 638.00 | 0.00 |
| 101400.000 | 645.10 | 645.12 | 638.20 | 0.00 |
| 101400.000 | 646.25 | 646.27 | 638.20 | 0.00 |
| 101400.000 | 646.94 | 646.97 | 638.20 | 0.00 |
| 101400.000 | 648.57 | 648.60 | 638.20 | 0.00 |
| 102500.000 | 646.36 | 646.97 | 639.00 | 0.00 |
| 102500.000 | 647.42 | 648.41 | 639.00 | 0.00 |
| 102500.000 | 648.03 | 649.22 | 639.00 | 0.00 |
| 102500.000 | 649.87 | 651.28 | 639.00 | 0.00 |
| 103650.000 | 651.96 | 652.32 | 642.20 | 0.00 |
| 103650.000 | 653.89 | 654.22 | 642.20 | 0.00 |
| 103650.000 | 654.88 | 655.13 | 642.20 | 0.00 |
| 103650.000 | 656.90 | 657.17 | 642.20 | 0.00 |
| 104860.000 | 655.30 | 655.58 | 646.00 | 0.00 |
| 104860.000 | 657.13 | 657.52 | 646.00 | 0.00 |
| 104860.000 | 658.12 | 658.61 | 646.00 | 0.00 |
| 104860.000 | 660.44 | 661.29 | 646.00 | 0.00 |
| 105800.000 | 657.25 | 657.41 | 648.00 | 0.00 |
| 105800.000 | 659.23 | 659.40 | 648.00 | 0.00 |
| 105800.000 | 660.42 | 660.60 | 648.00 | 0.00 |
| 105800.000 | 663.41 | 663.61 | 648.00 | 0.00 |
| 106440.000 | 659.20 | 659.66 | 652.90 | 0.00 |
| 106440.000 | 660.88 | 661.26 | 652.90 | 0.00 |
| 106440.000 | 661.96 | 662.31 | 652.90 | 0.00 |
| 106440.000 | 664.76 | 665.11 | 652.90 | 0.00 |
| 106600.000 | 660.30 | 660.39 | 652.90 | 0.00 |
| 106600.000 | 661.78 | 661.93 | 652.90 | 0.00 |
| 106600.000 | 662.75 | 662.90 | 652.90 | 0.00 |
| 106600.000 | 665.41 | 665.60 | 652.90 | 0.00 |

SECNO CHSEL EG ELMIN FLLC
 106600.000 665.41 665.60 652.90 0.00

| SECNO | CWSEL | EG | ELMIN | ELLC |
|--------------|--------|--------|--------|--------|
| 107340.000 | 662.05 | 662.15 | 657.00 | 0.00 |
| 107340.000 | 663.45 | 663.51 | 657.00 | 0.00 |
| 107340.000 | 664.19 | 664.24 | 657.00 | 0.00 |
| 107340.000 | 666.46 | 666.50 | 657.00 | 0.00 |
| 107500.000 | 662.44 | 662.77 | 658.00 | 0.00 |
| 107500.000 | 663.48 | 664.33 | 658.00 | 0.00 |
| 107500.000 | 663.94 | 665.16 | 658.00 | 0.00 |
| 107500.000 | 665.19 | 667.88 | 658.00 | 0.00 |
| * 107520.000 | 662.81 | 663.62 | 658.00 | 667.00 |
| * 107520.000 | 665.22 | 666.12 | 658.00 | 667.00 |
| * 107520.000 | 666.40 | 667.40 | 658.00 | 667.00 |
| * 107520.000 | 670.85 | 671.09 | 658.00 | 667.00 |
| 107800.000 | 666.28 | 667.01 | 659.00 | 0.00 |
| 107800.000 | 667.94 | 668.41 | 659.00 | 0.00 |
| 107800.000 | 668.91 | 669.26 | 659.00 | 0.00 |
| 107800.000 | 671.35 | 671.62 | 659.00 | 0.00 |
| 108800.000 | 670.56 | 670.66 | 661.70 | 0.00 |
| 108800.000 | 672.16 | 672.30 | 661.70 | 0.00 |
| 108800.000 | 672.77 | 672.93 | 661.70 | 0.00 |
| 108800.000 | 674.65 | 674.84 | 661.70 | 0.00 |
| 110290.000 | 674.46 | 674.95 | 666.10 | 0.00 |
| 110290.000 | 676.56 | 676.96 | 666.10 | 0.00 |
| 110290.000 | 677.40 | 677.78 | 666.10 | 0.00 |
| 110290.000 | 679.53 | 679.93 | 666.10 | 0.00 |
| 111290.000 | 678.18 | 678.26 | 671.00 | 0.00 |
| 111290.000 | 679.77 | 679.84 | 671.00 | 0.00 |
| 111290.000 | 680.46 | 680.53 | 671.00 | 0.00 |
| 111290.000 | 682.38 | 682.47 | 671.00 | 0.00 |
| 112700.000 | 681.13 | 681.31 | 676.00 | 0.00 |
| 112700.000 | 682.21 | 682.34 | 676.00 | 0.00 |
| 112700.000 | 682.74 | 682.87 | 676.00 | 0.00 |
| 112700.000 | 684.34 | 684.47 | 676.00 | 0.00 |
| 113205.000 | 687.08 | 687.18 | 681.40 | 0.00 |
| 113205.000 | 687.76 | 687.91 | 681.40 | 0.00 |
| 113205.000 | 688.11 | 688.26 | 681.40 | 0.00 |
| 113205.000 | 689.11 | 689.29 | 681.40 | 0.00 |

WOLF ISLAND CR.

SUMMARY PRINTOUT

| SECNO | CWSEL | QLOB | QCH | QROB | VLOB | VCH | VR0B |
|-------------|--------|---------|---------|---------|------|-------|------|
| 94200.000 | 624.92 | 1321.63 | 478.44 | 149.93 | 1.59 | 3.22 | .60 |
| 94200.000 | 625.99 | 2204.58 | 636.16 | 659.25 | 1.74 | 3.62 | 1.00 |
| 94200.000 | 626.60 | 2798.88 | 724.98 | 1076.14 | 1.85 | 3.80 | 1.20 |
| 94200.000 | 628.18 | 4730.34 | 989.91 | 2579.75 | 2.19 | 4.30 | 1.66 |
| 94300.000 | 625.21 | 1305.20 | 452.94 | 191.85 | 1.44 | 2.95 | .60 |
| 94300.000 | 626.29 | 2178.27 | 605.73 | 716.00 | 1.62 | 3.35 | .97 |
| 94300.000 | 626.89 | 2771.70 | 695.87 | 1132.42 | 1.74 | 3.56 | 1.16 |
| 94300.000 | 628.47 | 4700.93 | 962.67 | 2636.40 | 2.10 | 4.09 | 1.61 |
| 94400.000 | 625.44 | 1293.42 | 436.51 | 220.07 | 1.35 | 2.78 | .60 |
| 94400.000 | 626.53 | 2161.12 | 586.35 | 752.53 | 1.54 | 3.19 | .95 |
| 94400.000 | 627.14 | 2753.11 | 676.35 | 1170.54 | 1.67 | 3.40 | 1.13 |
| 94400.000 | 628.73 | 4680.15 | 943.60 | 2676.25 | 2.03 | 3.95 | 1.57 |
| 94500.000 | 625.64 | 1283.74 | 423.48 | 242.78 | 1.28 | 2.66 | .60 |
| 94500.000 | 626.75 | 2147.24 | 570.92 | 781.84 | 1.48 | 3.05 | .93 |
| 94500.000 | 627.36 | 2736.46 | 659.34 | 1204.21 | 1.61 | 3.26 | 1.10 |
| 94500.000 | 628.96 | 4661.16 | 926.26 | 2712.58 | 1.97 | 3.82 | 1.54 |
| 95660.000 | 629.02 | 1158.07 | 707.10 | 84.82 | 1.72 | 4.57 | .98 |
| 95660.000 | 630.25 | 2271.48 | 932.65 | 295.87 | 2.13 | 5.09 | 1.58 |
| 95660.000 | 630.93 | 3062.04 | 1079.72 | 458.23 | 2.38 | 5.43 | 1.88 |
| 95660.000 | 632.76 | 5738.11 | 1518.56 | 1043.33 | 3.02 | 6.31 | 2.61 |
| 96850.000 | 631.04 | 1390.38 | 343.97 | 5.65 | .66 | 1.52 | .21 |
| 96850.000 | 632.31 | 2602.90 | 489.28 | 47.83 | .84 | 1.77 | .36 |
| 96850.000 | 633.03 | 3422.43 | 578.59 | 98.98 | .93 | 1.90 | .43 |
| 96850.000 | 634.98 | 6195.74 | 863.09 | 381.17 | 1.18 | 2.25 | .61 |
| 96900.000 | 630.58 | 0.00 | 1580.00 | 0.00 | 0.00 | 7.61 | 0.00 |
| * 96900.000 | 630.83 | 0.00 | 2890.00 | 0.00 | 0.00 | 13.30 | 0.00 |
| * 96900.000 | 631.91 | 0.00 | 3780.00 | 0.00 | 0.00 | 14.51 | 0.00 |
| * 96900.000 | 635.09 | 0.00 | 6860.00 | 0.00 | 0.00 | 17.69 | 0.00 |
| 97000.000 | 630.78 | 0.00 | 1580.00 | 0.00 | 0.00 | 9.64 | 0.00 |
| * 97000.000 | 633.50 | 0.00 | 2890.00 | 0.00 | 0.00 | 10.89 | 0.00 |
| * 97000.000 | 634.89 | 0.00 | 3780.00 | 0.00 | 0.00 | 12.91 | 0.00 |
| * 97000.000 | 642.02 | 4138.80 | 1629.30 | 1091.90 | .43 | 2.79 | .37 |
| 97050.000 | 632.43 | 1068.66 | 511.34 | 0.00 | 2.22 | 5.61 | 0.00 |
| 97050.000 | 635.71 | 2362.52 | 333.86 | 193.63 | 1.34 | 2.10 | .78 |
| 97050.000 | 637.53 | 3020.42 | 345.55 | 414.02 | 1.20 | 1.75 | .85 |
| 97050.000 | 642.03 | 5297.58 | 468.62 | 1093.80 | 1.21 | 1.61 | .99 |
| 97425.000 | 634.89 | 1170.40 | 409.59 | 0.00 | 1.79 | 4.08 | 0.00 |
| 97425.000 | 636.15 | 2380.16 | 469.12 | 40.72 | 2.07 | 3.72 | .70 |
| 97425.000 | 637.74 | 3089.00 | 434.79 | 256.21 | 1.74 | 2.73 | 1.01 |
| 97425.000 | 642.12 | 5359.59 | 515.26 | 985.15 | 1.50 | 2.05 | 1.18 |
| 99105.000 | 642.16 | 495.26 | 462.42 | 622.32 | 1.69 | 4.20 | 1.53 |
| 99105.000 | 642.77 | 957.69 | 641.64 | 1290.67 | 2.38 | 5.22 | 2.22 |
| 99105.000 | 642.41 | 1218.34 | 977.55 | 1584.11 | 3.62 | 8.47 | 3.32 |
| 99105.000 | 643.66 | 2359.07 | 1151.04 | 3349.89 | 4.16 | 8.13 | 3.96 |

| SECNO | CWSEL | QLOB | QCH | QR0B | VLOB | VCH | VR0B |
|--------------|--------|---------|---------|---------|------|-------|------|
| 101000.000 | 644.85 | 386.20 | 289.12 | 904.68 | .81 | 2.15 | .70 |
| 101000.000 | 645.97 | 692.76 | 401.99 | 1795.25 | 1.04 | 2.54 | .94 |
| 101000.000 | 646.67 | 898.61 | 462.19 | 2419.20 | 1.14 | 2.67 | 1.05 |
| 101000.000 | 648.23 | 1613.71 | 684.05 | 4562.24 | 1.50 | 3.32 | 1.42 |
| 101400.000 | 645.10 | 378.69 | 280.42 | 890.88 | .78 | 2.06 | .67 |
| 101400.000 | 646.25 | 641.77 | 367.24 | 1670.99 | .94 | 2.30 | .85 |
| 101400.000 | 646.94 | 833.85 | 424.26 | 2251.89 | 1.04 | 2.43 | .96 |
| 101400.000 | 648.57 | 1499.89 | 627.08 | 4253.03 | 1.36 | 3.00 | 1.29 |
| 102500.000 | 646.36 | 50.90 | 896.36 | 602.75 | 1.29 | 7.81 | 3.24 |
| 102500.000 | 647.42 | 197.60 | 1375.12 | 1107.28 | 1.93 | 10.45 | 4.30 |
| 102500.000 | 648.03 | 361.87 | 1669.94 | 1478.19 | 2.34 | 11.80 | 4.83 |
| 102500.000 | 649.87 | 1233.96 | 2413.09 | 2732.94 | 3.27 | 14.12 | 5.66 |
| 103650.000 | 651.96 | 143.50 | 1050.12 | 356.37 | 1.75 | 5.75 | 1.78 |
| 103650.000 | 653.89 | 295.13 | 1365.34 | 1019.53 | 1.88 | 6.17 | 1.90 |
| 103650.000 | 654.83 | 394.17 | 1519.37 | 1596.46 | 1.94 | 6.33 | 1.95 |
| 103650.000 | 656.90 | 726.80 | 1916.19 | 3737.01 | 2.24 | 6.81 | 2.35 |
| 104860.000 | 655.30 | 123.23 | 1222.86 | 193.92 | 1.49 | 4.72 | 1.57 |
| 104860.000 | 657.13 | 272.62 | 1796.36 | 411.02 | 1.98 | 5.72 | 2.07 |
| 104860.000 | 658.12 | 400.60 | 2244.58 | 594.83 | 2.32 | 6.53 | 2.42 |
| 104860.000 | 660.44 | 892.73 | 3706.49 | 1290.78 | 3.30 | 8.97 | 3.42 |
| 105800.000 | 657.25 | 529.57 | 830.83 | 179.60 | 1.70 | 4.01 | 1.57 |
| 105800.000 | 659.23 | 1036.51 | 1133.09 | 310.39 | 1.88 | 4.45 | 1.71 |
| 105800.000 | 660.42 | 1481.91 | 1339.30 | 418.80 | 2.02 | 4.73 | 1.80 |
| 105800.000 | 663.41 | 3167.43 | 1914.75 | 807.82 | 2.40 | 5.40 | 2.08 |
| 106440.000 | 659.20 | 543.12 | 912.47 | 84.41 | 2.76 | 6.72 | 2.41 |
| 106440.000 | 660.88 | 1146.36 | 1154.20 | 179.45 | 3.02 | 6.48 | 2.33 |
| 106440.000 | 661.96 | 1660.78 | 1319.31 | 259.91 | 3.17 | 6.44 | 2.47 |
| 106440.000 | 664.76 | 3493.77 | 1855.15 | 541.08 | 3.51 | 6.75 | 2.77 |
| 106600.000 | 660.30 | 425.68 | 507.82 | 66.50 | 1.37 | 3.11 | 1.05 |
| 106600.000 | 661.78 | 1015.55 | 835.47 | 158.98 | 2.04 | 4.17 | 1.59 |
| 106600.000 | 662.75 | 1421.82 | 986.12 | 222.06 | 2.22 | 4.39 | 1.73 |
| 106600.000 | 665.41 | 2915.09 | 1435.22 | 449.69 | 2.59 | 4.93 | 2.05 |
| 107340.000 | 662.05 | 122.28 | 400.37 | 477.34 | 1.20 | 3.77 | 1.18 |
| 107340.000 | 663.45 | 296.81 | 471.63 | 1241.56 | 1.20 | 3.37 | 1.25 |
| 107340.000 | 664.19 | 403.69 | 498.35 | 1727.96 | 1.16 | 3.16 | 1.29 |
| 107340.000 | 666.46 | 897.27 | 599.65 | 3303.08 | 1.22 | 2.83 | 1.38 |
| 107500.000 | 652.44 | 0.00 | 1000.00 | 0.00 | 0.00 | 4.63 | 0.00 |
| 107500.000 | 663.48 | 0.00 | 2010.00 | 0.00 | 0.00 | 7.39 | 0.00 |
| 107500.000 | 663.94 | 0.00 | 2630.00 | 0.00 | 0.00 | 8.85 | 0.00 |
| 107500.000 | 665.19 | 0.00 | 4800.00 | 0.00 | 0.00 | 13.15 | 0.00 |
| * 107520.000 | 662.81 | 0.00 | 1000.00 | 0.00 | 0.00 | 7.20 | 0.00 |
| * 107520.000 | 665.22 | 0.00 | 2010.00 | 0.00 | 0.00 | 7.62 | 0.00 |
| * 107520.000 | 666.40 | 0.00 | 2630.00 | 0.00 | 0.00 | 8.03 | 0.00 |
| * 107520.000 | 670.85 | 1949.04 | 2805.57 | 45.39 | 1.77 | 4.94 | 1.24 |

| SECNO | CKSEL | QLOB | QCH | QROB | VLOB | VCH | VROB |
|------------|--------|---------|---------|---------|------|------|------|
| 107800.000 | 666.28 | 100.45 | 875.52 | 24.03 | 1.36 | 7.31 | 1.62 |
| 107800.000 | 667.94 | 808.28 | 1105.90 | 95.82 | 2.40 | 7.16 | 2.19 |
| 107800.000 | 668.91 | 1333.61 | 1153.05 | 143.34 | 2.60 | 6.59 | 2.18 |
| 107800.000 | 671.35 | 3059.06 | 1413.20 | 327.74 | 3.06 | 6.25 | 2.38 |
| 108800.000 | 670.56 | 207.73 | 492.90 | 219.38 | .93 | 3.27 | 1.06 |
| 108800.000 | 672.16 | 564.35 | 782.04 | 533.62 | 1.33 | 4.28 | 1.51 |
| 108800.000 | 672.77 | 804.48 | 920.67 | 724.86 | 1.55 | 4.72 | 1.74 |
| 108800.000 | 674.65 | 1773.31 | 1308.23 | 1418.46 | 1.98 | 5.63 | 2.25 |
| 110290.000 | 674.46 | 22.87 | 821.42 | 75.70 | 1.19 | 5.93 | .99 |
| 110290.000 | 676.56 | 131.80 | 1159.04 | 589.16 | 1.74 | 6.35 | 1.80 |
| 110290.000 | 677.40 | 213.36 | 1314.66 | 921.97 | 1.87 | 6.57 | 2.05 |
| 110290.000 | 679.53 | 565.19 | 1801.10 | 2133.70 | 2.23 | 7.35 | 2.63 |
| 111290.000 | 678.18 | 308.65 | 337.76 | 233.59 | 1.10 | 3.25 | 1.19 |
| 111290.000 | 679.77 | 719.15 | 474.82 | 556.03 | 1.31 | 3.62 | 1.43 |
| 111290.000 | 680.46 | 984.88 | 536.57 | 768.55 | 1.44 | 3.76 | 1.56 |
| 111290.000 | 682.38 | 1939.60 | 717.82 | 1542.58 | 1.76 | 4.09 | 1.93 |
| 112700.000 | 681.13 | 52.36 | 384.67 | 412.97 | 1.30 | 4.89 | 1.35 |
| 112700.000 | 682.21 | 145.88 | 473.72 | 1080.40 | 1.59 | 4.71 | 1.70 |
| 112700.000 | 682.74 | 203.68 | 527.64 | 1468.68 | 1.70 | 4.77 | 1.84 |
| 112700.000 | 684.34 | 440.23 | 714.37 | 2945.39 | 1.96 | 5.00 | 2.16 |
| 113205.000 | 687.08 | 114.08 | 275.01 | 435.91 | 1.22 | 4.12 | 1.26 |
| 113205.000 | 687.76 | 268.09 | 403.02 | 998.89 | 1.77 | 5.23 | 1.81 |
| 113205.000 | 688.11 | 367.93 | 463.12 | 1358.95 | 1.98 | 5.63 | 2.03 |
| 113205.000 | 689.11 | 727.79 | 630.85 | 2641.35 | 2.48 | 6.49 | 2.53 |

WOLF ISLAND CR.

SUMMARY PRINTOUT TABLE 150

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CWSEL | CRWS | EG | 10K+S | VCH | AREA |
|-------------|---------|--------|--------|--------|---------|--------|--------|--------|--------|-------|--------|
| 94200.000 | 0.00 | 0.00 | 0.00 | 617.30 | 1950.00 | 624.92 | 0.00 | 624.99 | 30.03 | 3.22 | 1227. |
| 94200.000 | 0.00 | 0.00 | 0.00 | 617.30 | 3500.00 | 625.99 | 0.00 | 626.06 | 30.55 | 3.62 | 2697. |
| 94200.000 | 0.00 | 0.00 | 0.00 | 617.30 | 4600.00 | 626.60 | 0.00 | 626.67 | 30.11 | 3.80 | 2602. |
| 94200.000 | 0.00 | 0.00 | 0.00 | 617.30 | 8300.00 | 628.18 | 0.00 | 628.27 | 30.04 | 4.30 | 3942. |
| 94300.000 | 100.00 | 0.00 | 0.00 | 617.40 | 1950.00 | 625.21 | 0.00 | 625.26 | 24.21 | 2.95 | 1379. |
| 94300.000 | 100.00 | 0.00 | 0.00 | 617.40 | 3500.00 | 626.29 | 0.00 | 626.34 | 25.25 | 3.35 | 2261. |
| 94300.000 | 100.00 | 0.00 | 0.00 | 617.40 | 4600.00 | 626.89 | 0.00 | 626.95 | 25.51 | 3.56 | 2766. |
| 94300.000 | 100.00 | 0.00 | 0.00 | 617.40 | 8300.00 | 628.47 | 0.00 | 628.55 | 26.40 | 4.09 | 4114. |
| 94400.000 | 100.00 | 0.00 | 0.00 | 617.50 | 1950.00 | 625.44 | 0.00 | 625.49 | 21.01 | 2.78 | 1481. |
| 94400.000 | 100.00 | 0.00 | 0.00 | 617.50 | 3500.00 | 626.53 | 0.00 | 626.58 | 22.22 | 3.19 | 2375. |
| 94400.000 | 100.00 | 0.00 | 0.00 | 617.50 | 4600.00 | 627.14 | 0.00 | 627.19 | 22.70 | 3.40 | 2886. |
| 94400.000 | 100.00 | 0.00 | 0.00 | 617.50 | 8300.00 | 628.73 | 0.00 | 628.80 | 24.09 | 3.95 | 4243. |
| 94500.000 | 100.00 | 0.00 | 0.00 | 617.60 | 1950.00 | 625.64 | 0.00 | 625.69 | 18.72 | 2.66 | 1565. |
| 94500.000 | 100.00 | 0.00 | 0.00 | 617.60 | 3500.00 | 626.75 | 0.00 | 626.79 | 20.00 | 3.05 | 2472. |
| 94500.000 | 100.00 | 0.00 | 0.00 | 617.60 | 4600.00 | 627.36 | 0.00 | 627.41 | 20.43 | 3.26 | 2997. |
| 94500.000 | 100.00 | 0.00 | 0.00 | 617.60 | 8300.00 | 628.96 | 0.00 | 629.03 | 22.09 | 3.82 | 4367. |
| 95660.000 | 1160.00 | 0.00 | 0.00 | 620.60 | 1950.00 | 629.02 | 0.00 | 629.17 | 54.01 | 4.57 | 913. |
| 95660.000 | 1160.00 | 0.00 | 0.00 | 620.60 | 3500.00 | 630.25 | 0.00 | 630.41 | 53.43 | 5.09 | 1433. |
| 95660.000 | 1160.00 | 0.00 | 0.00 | 620.60 | 4600.00 | 630.93 | 0.00 | 631.11 | 54.55 | 5.43 | 1726. |
| 95660.000 | 1160.00 | 0.00 | 0.00 | 620.60 | 8300.00 | 632.76 | 0.00 | 632.99 | 57.00 | 6.31 | 2541. |
| 96850.000 | 1190.00 | 0.00 | 0.00 | 625.40 | 1740.00 | 631.04 | 0.00 | 631.05 | 6.77 | 1.52 | 2372. |
| 96850.000 | 1190.00 | 0.00 | 0.00 | 625.40 | 3140.00 | 632.31 | 0.00 | 632.32 | 6.97 | 1.77 | 3520. |
| 96850.000 | 1190.00 | 0.00 | 0.00 | 625.40 | 4100.00 | 633.03 | 0.00 | 633.05 | 7.00 | 1.90 | 4214. |
| 96850.000 | 1190.00 | 0.00 | 0.00 | 625.40 | 7440.00 | 634.98 | 0.00 | 635.01 | 7.28 | 2.25 | 6243. |
| 96900.000 | 50.00 | 0.00 | 0.00 | 625.40 | 1580.00 | 630.58 | 0.00 | 631.48 | 62.56 | 7.61 | 207. |
| * 96900.000 | 50.00 | 0.00 | 0.00 | 625.40 | 2890.00 | 630.83 | 630.83 | 633.58 | 180.82 | 13.30 | 217. |
| * 96900.000 | 50.00 | 0.00 | 0.00 | 625.40 | 3780.00 | 631.91 | 631.91 | 635.18 | 174.07 | 14.51 | 260. |
| * 96900.000 | 50.00 | 0.00 | 0.00 | 625.40 | 6860.00 | 635.09 | 635.09 | 639.95 | 164.97 | 17.69 | 367. |
| 97000.000 | 100.00 | 641.50 | 637.60 | 626.40 | 1580.00 | 630.78 | 0.00 | 632.22 | 17.11 | 9.64 | 163. |
| * 97000.000 | 100.00 | 641.50 | 637.60 | 626.40 | 2890.00 | 633.50 | 0.00 | 635.34 | 12.39 | 10.89 | 265. |
| * 97000.000 | 100.00 | 641.50 | 637.60 | 626.40 | 3780.00 | 634.89 | 0.00 | 637.09 | 12.12 | 11.91 | 317. |
| * 97000.000 | 100.00 | 641.50 | 637.60 | 626.40 | 6860.00 | 642.02 | 0.00 | 642.05 | .26 | 2.79 | 13064. |
| 97050.000 | 50.00 | 0.00 | 0.00 | 626.70 | 1580.00 | 632.43 | 631.99 | 632.64 | 93.14 | 5.61 | 573. |
| 97050.000 | 50.00 | 0.00 | 0.00 | 626.70 | 2890.00 | 635.71 | 0.00 | 635.75 | 7.01 | 2.10 | 2176. |
| 97050.000 | 50.00 | 0.00 | 0.00 | 626.70 | 3780.00 | 637.53 | 0.00 | 637.56 | 3.65 | 1.75 | 3189. |
| 97050.000 | 50.00 | 0.00 | 0.00 | 626.70 | 6860.00 | 642.03 | 0.00 | 642.06 | 1.82 | 1.61 | 5765. |
| 97425.000 | 375.00 | 0.00 | 0.00 | 628.70 | 1580.00 | 634.89 | 0.00 | 635.00 | 44.62 | 4.08 | 753. |
| 97425.000 | 375.00 | 0.00 | 0.00 | 628.70 | 2890.00 | 636.15 | 0.00 | 636.24 | 29.46 | 3.72 | 1332. |
| 97425.000 | 375.00 | 0.00 | 0.00 | 628.70 | 3780.00 | 637.74 | 0.00 | 637.79 | 11.75 | 2.73 | 2190. |
| 97425.000 | 375.00 | 0.00 | 0.00 | 628.70 | 6860.00 | 642.12 | 0.00 | 642.16 | 3.61 | 2.05 | 4654. |
| 99105.000 | 1680.00 | 0.00 | 0.00 | 635.70 | 1580.00 | 642.16 | 0.00 | 642.27 | 42.00 | 4.20 | 809. |
| 99105.000 | 1680.00 | 0.00 | 0.00 | 635.70 | 2890.00 | 642.77 | 641.93 | 642.93 | 56.11 | 5.22 | 1106. |
| 99105.000 | 1680.00 | 0.00 | 0.00 | 635.70 | 3780.00 | 642.41 | 642.16 | 642.84 | 160.95 | 8.47 | 929. |
| 99105.000 | 1680.00 | 0.00 | 0.00 | 635.70 | 6860.00 | 643.66 | 0.00 | 644.04 | 112.78 | 8.13 | 1554. |

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CWSEL | CRHS | EG | 10K+S | VCH | AREA |
|--------------|---------|--------|--------|--------|---------|--------|------|--------|--------|-------|-------|
| 101000.000 | 1895.00 | 0.00 | 0.00 | 638.00 | 1580.00 | 644.85 | 0.00 | 644.87 | 6.64 | 2.15 | 1907. |
| 101000.000 | 1895.00 | 0.00 | 0.00 | 638.00 | 2890.00 | 645.97 | 0.00 | 646.00 | 7.50 | 2.54 | 2743. |
| 101000.000 | 1895.00 | 0.00 | 0.00 | 638.00 | 3780.00 | 646.67 | 0.00 | 646.70 | 7.36 | 2.67 | 3279. |
| 101000.000 | 1895.00 | 0.00 | 0.00 | 638.00 | 6860.00 | 648.23 | 0.00 | 648.28 | 9.06 | 3.32 | 4487. |
| 101400.000 | 400.00 | 0.00 | 0.00 | 638.20 | 1550.00 | 645.10 | 0.00 | 645.12 | 6.08 | 2.06 | 1945. |
| 101400.000 | 400.00 | 0.00 | 0.00 | 638.20 | 2680.00 | 646.25 | 0.00 | 646.27 | 6.06 | 2.30 | 2739. |
| 101400.000 | 400.00 | 0.00 | 0.00 | 638.20 | 3510.00 | 646.94 | 0.00 | 646.97 | 6.02 | 2.43 | 3334. |
| 101400.000 | 400.00 | 0.00 | 0.00 | 638.20 | 6380.00 | 648.57 | 0.00 | 648.60 | 7.26 | 3.00 | 4596. |
| 102500.000 | 1100.00 | 0.00 | 0.00 | 639.00 | 1550.00 | 646.36 | 0.00 | 646.97 | 74.00 | 7.81 | 340. |
| 102500.000 | 1100.00 | 0.00 | 0.00 | 639.00 | 2680.00 | 647.42 | 0.00 | 648.41 | 110.27 | 10.45 | 491. |
| 102500.000 | 1100.00 | 0.00 | 0.00 | 639.00 | 3510.00 | 648.03 | 0.00 | 649.22 | 127.78 | 11.80 | 602. |
| 102500.000 | 1100.00 | 0.00 | 0.00 | 639.00 | 6380.00 | 649.87 | 0.00 | 651.28 | 142.46 | 14.12 | 1030. |
| 103650.000 | 1150.00 | 0.00 | 0.00 | 642.20 | 1550.00 | 651.96 | 0.00 | 652.32 | 31.40 | 5.75 | 464. |
| 103650.000 | 1150.00 | 0.00 | 0.00 | 642.20 | 2680.00 | 653.89 | 0.00 | 654.22 | 27.88 | 6.17 | 914. |
| 103650.000 | 1150.00 | 0.00 | 0.00 | 642.20 | 3510.00 | 654.83 | 0.00 | 655.13 | 26.34 | 6.33 | 1262. |
| 103650.000 | 1150.00 | 0.00 | 0.00 | 642.20 | 6380.00 | 656.90 | 0.00 | 657.17 | 24.69 | 6.81 | 2195. |
| 104860.000 | 1210.00 | 0.00 | 0.00 | 646.00 | 1540.00 | 655.30 | 0.00 | 655.58 | 23.10 | 4.72 | 465. |
| 104860.000 | 1210.00 | 0.00 | 0.00 | 646.00 | 2480.00 | 657.13 | 0.00 | 657.52 | 26.25 | 5.72 | 649. |
| 104860.000 | 1210.00 | 0.00 | 0.00 | 646.00 | 3240.00 | 658.12 | 0.00 | 658.61 | 30.32 | 6.53 | 762. |
| 104860.000 | 1210.00 | 0.00 | 0.00 | 646.00 | 5890.00 | 660.44 | 0.00 | 661.29 | 44.71 | 8.97 | 1061. |
| 105800.000 | 940.00 | 0.00 | 0.00 | 648.00 | 1540.00 | 657.25 | 0.00 | 657.41 | 16.24 | 4.01 | 631. |
| 105800.000 | 940.00 | 0.00 | 0.00 | 648.00 | 2480.00 | 659.23 | 0.00 | 659.40 | 15.16 | 4.45 | 987. |
| 105800.000 | 940.00 | 0.00 | 0.00 | 648.00 | 3240.00 | 660.42 | 0.00 | 660.60 | 14.85 | 4.73 | 1249. |
| 105800.000 | 940.00 | 0.00 | 0.00 | 648.00 | 5890.00 | 663.41 | 0.00 | 663.61 | 14.30 | 5.40 | 2064. |
| 106440.000 | 640.00 | 0.00 | 0.00 | 652.90 | 1540.00 | 659.20 | 0.00 | 659.66 | 102.11 | 6.72 | 372. |
| 106440.000 | 640.00 | 0.00 | 0.00 | 652.90 | 2480.00 | 660.88 | 0.00 | 661.26 | 66.22 | 6.48 | 635. |
| 106440.000 | 640.00 | 0.00 | 0.00 | 652.90 | 3240.00 | 661.96 | 0.00 | 662.31 | 54.19 | 6.44 | 833. |
| 106440.000 | 640.00 | 0.00 | 0.00 | 652.90 | 5890.00 | 664.76 | 0.00 | 665.11 | 40.20 | 6.75 | 1466. |
| 106600.000 | 160.00 | 0.00 | 0.00 | 652.90 | 1000.00 | 660.30 | 0.00 | 660.39 | 17.04 | 3.11 | 537. |
| 106600.000 | 160.00 | 0.00 | 0.00 | 652.90 | 2010.00 | 661.78 | 0.00 | 661.93 | 23.41 | 4.17 | 798. |
| 106600.000 | 160.00 | 0.00 | 0.00 | 652.90 | 2630.00 | 662.75 | 0.00 | 662.90 | 22.32 | 4.39 | 994. |
| 106600.000 | 160.00 | 0.00 | 0.00 | 652.90 | 4800.00 | 665.41 | 0.00 | 665.60 | 19.87 | 4.93 | 1635. |
| 107340.000 | 740.00 | 0.00 | 0.00 | 657.00 | 1000.00 | 662.05 | 0.00 | 662.15 | 34.97 | 3.77 | 613. |
| 107340.000 | 740.00 | 0.00 | 0.00 | 657.00 | 2010.00 | 663.45 | 0.00 | 663.51 | 19.25 | 3.37 | 1384. |
| 107340.000 | 740.00 | 0.00 | 0.00 | 657.00 | 2630.00 | 664.19 | 0.00 | 664.24 | 14.48 | 3.16 | 1841. |
| 107340.000 | 740.00 | 0.00 | 0.00 | 657.00 | 4800.00 | 666.46 | 0.00 | 666.50 | 7.81 | 2.83 | 3349. |
| 107500.000 | 160.00 | 0.00 | 0.00 | 658.00 | 1000.00 | 662.44 | 0.00 | 662.77 | 31.81 | 4.63 | 215. |
| 107500.000 | 160.00 | 0.00 | 0.00 | 658.00 | 2010.00 | 663.48 | 0.00 | 664.33 | 59.88 | 7.39 | 272. |
| 107500.000 | 160.00 | 0.00 | 0.00 | 658.00 | 2630.00 | 663.94 | 0.00 | 665.16 | 76.71 | 8.85 | 297. |
| 107500.000 | 160.00 | 0.00 | 0.00 | 658.00 | 4800.00 | 665.19 | 0.00 | 667.88 | 130.87 | 13.15 | 364. |
| * 107520.000 | 20.00 | 670.50 | 667.00 | 658.00 | 1000.00 | 662.81 | 0.00 | 663.62 | 117.34 | 7.20 | 138. |
| * 107520.000 | 20.00 | 670.50 | 667.00 | 658.00 | 2010.00 | 665.22 | 0.00 | 666.12 | 71.79 | 7.62 | 263. |
| * 107520.000 | 20.00 | 670.50 | 667.00 | 658.00 | 2630.00 | 666.40 | 0.00 | 667.40 | 61.18 | 8.03 | 327. |
| * 107520.000 | 20.00 | 670.50 | 667.00 | 658.00 | 4800.00 | 670.85 | 0.00 | 671.09 | 10.60 | 4.94 | 1705. |

| SECNO | XLCH | ELTRD | ELLC | ELMIN | Q | CWSEL | CRWS | EG | 10K*S | VCH | AREA |
|------------|---------|-------|------|--------|---------|--------|--------|--------|--------|------|-------|
| 107800.000 | 280.00 | 0.00 | 0.00 | 659.00 | 1000.00 | 666.28 | 664.53 | 667.01 | 123.93 | 7.31 | 208. |
| 107800.000 | 280.00 | 0.00 | 0.00 | 659.00 | 2010.00 | 667.94 | 0.00 | 668.41 | 87.08 | 7.16 | 534. |
| 107800.000 | 280.00 | 0.00 | 0.00 | 659.00 | 2630.00 | 668.91 | 0.00 | 669.26 | 62.57 | 6.59 | 753. |
| 107800.000 | 280.00 | 0.00 | 0.00 | 659.00 | 4800.00 | 671.35 | 0.00 | 671.62 | 39.92 | 6.25 | 1363. |
| 108800.000 | 1000.00 | 0.00 | 0.00 | 661.70 | 920.00 | 670.56 | 0.00 | 670.66 | 15.50 | 3.27 | 582. |
| 108800.000 | 1000.00 | 0.00 | 0.00 | 661.70 | 1880.00 | 672.16 | 0.00 | 672.30 | 20.58 | 4.28 | 959. |
| 108800.000 | 1000.00 | 0.00 | 0.00 | 661.70 | 2450.00 | 672.77 | 0.00 | 672.93 | 22.97 | 4.72 | 1131. |
| 108800.000 | 1000.00 | 0.00 | 0.00 | 661.70 | 4500.00 | 674.65 | 0.00 | 674.84 | 25.84 | 5.63 | 1757. |
| 110290.000 | 1490.00 | 0.00 | 0.00 | 666.10 | 920.00 | 674.46 | 0.00 | 674.95 | 63.23 | 5.93 | 234. |
| 110290.000 | 1490.00 | 0.00 | 0.00 | 666.10 | 1880.00 | 676.56 | 0.00 | 676.96 | 50.15 | 6.35 | 586. |
| 110290.000 | 1490.00 | 0.00 | 0.00 | 666.10 | 2450.00 | 677.40 | 0.00 | 677.78 | 47.51 | 6.57 | 763. |
| 110290.000 | 1490.00 | 0.00 | 0.00 | 666.10 | 4500.00 | 679.53 | 0.00 | 679.93 | 45.44 | 7.35 | 1309. |
| 111290.000 | 1000.00 | 0.00 | 0.00 | 671.00 | 880.00 | 678.18 | 0.00 | 678.26 | 19.12 | 3.25 | 581. |
| 111290.000 | 1000.00 | 0.00 | 0.00 | 671.00 | 1750.00 | 679.77 | 0.00 | 679.84 | 17.50 | 3.62 | 1067. |
| 111290.000 | 1000.00 | 0.00 | 0.00 | 671.00 | 2290.00 | 680.46 | 0.00 | 680.53 | 16.79 | 3.76 | 1320. |
| 111290.000 | 1000.00 | 0.00 | 0.00 | 671.00 | 4200.00 | 682.38 | 0.00 | 682.47 | 15.14 | 4.09 | 2075. |
| 112700.000 | 910.00 | 0.00 | 0.00 | 676.00 | 850.00 | 681.13 | 0.00 | 681.31 | 73.29 | 4.89 | 424. |
| 112700.000 | 910.00 | 0.00 | 0.00 | 676.00 | 1700.00 | 682.21 | 0.00 | 682.34 | 49.02 | 4.71 | 826. |
| 112700.000 | 910.00 | 0.00 | 0.00 | 676.00 | 2200.00 | 682.74 | 0.00 | 682.87 | 44.01 | 4.77 | 1029. |
| 112700.000 | 910.00 | 0.00 | 0.00 | 676.00 | 4100.00 | 684.34 | 0.00 | 684.47 | 34.53 | 5.00 | 1728. |
| 113205.000 | 1005.00 | 0.00 | 0.00 | 681.40 | 825.00 | 687.08 | 0.00 | 687.18 | 47.12 | 4.12 | 507. |
| 113205.000 | 1005.00 | 0.00 | 0.00 | 681.40 | 1670.00 | 687.76 | 686.99 | 687.91 | 63.00 | 5.23 | 780. |
| 113205.000 | 1005.00 | 0.00 | 0.00 | 681.40 | 2190.00 | 688.11 | 687.22 | 688.26 | 66.73 | 5.63 | 936. |
| 113205.000 | 1005.00 | 0.00 | 0.00 | 681.40 | 4000.00 | 689.11 | 0.00 | 689.29 | 71.09 | 6.49 | 1435. |

WOLF ISLAND CR.

SUMMARY PRINTOUT TABLE 150

| SECNO | Q | CNSEL | DIFHSP | DIFHSX | DIFKMS | TOPHD | XLCH |
|-----------|---|---------|--------|--------|--------|---------|---------|
| 94200.000 | | 1950.00 | 624.92 | 0.00 | 0.00 | 773.68 | 0.00 |
| 94200.000 | | 3500.00 | 625.99 | 0.00 | -0.99 | 825.98 | 0.00 |
| 94200.000 | | 4600.00 | 626.60 | 0.00 | 1.60 | 840.18 | 0.00 |
| 94200.000 | | 8300.00 | 628.18 | 1.57 | 3.18 | 856.58 | 0.00 |
| 94300.000 | | 1950.00 | 625.21 | 0.00 | 0.00 | 804.31 | 100.00 |
| 94300.000 | | 3500.00 | 626.29 | 0.00 | 0.00 | 830.32 | 100.00 |
| 94300.000 | | 4600.00 | 626.89 | 0.00 | 0.00 | 844.87 | 100.00 |
| 94300.000 | | 8300.00 | 628.47 | 1.58 | 0.00 | 857.74 | 100.00 |
| 94400.000 | | 1950.00 | 625.44 | 0.00 | 0.00 | 807.35 | 100.00 |
| 94400.000 | | 3500.00 | 626.53 | 0.00 | 0.00 | 833.62 | 100.00 |
| 94400.000 | | 4600.00 | 627.14 | 0.00 | 0.00 | 848.28 | 100.00 |
| 94400.000 | | 8300.00 | 628.73 | 1.59 | 0.00 | 858.61 | 100.00 |
| 94500.000 | | 1950.00 | 625.64 | 0.00 | 0.00 | 809.86 | 100.00 |
| 94500.000 | | 3500.00 | 626.75 | 0.00 | 0.00 | 836.43 | 100.00 |
| 94500.000 | | 4600.00 | 627.36 | 0.00 | 0.00 | 850.19 | 100.00 |
| 94500.000 | | 8300.00 | 628.96 | 1.60 | 0.00 | 859.44 | 100.00 |
| 95660.000 | | 1950.00 | 629.02 | 0.00 | 0.00 | 412.14 | 1160.00 |
| 95660.000 | | 3500.00 | 630.25 | 0.00 | 0.00 | 427.53 | 1160.00 |
| 95660.000 | | 4600.00 | 630.93 | 0.00 | 0.00 | 435.94 | 1160.00 |
| 95660.000 | | 8300.00 | 632.76 | 1.83 | 0.00 | 458.56 | 1160.00 |
| 96850.000 | | 1740.00 | 632.04 | 0.00 | 0.00 | 871.07 | 1190.00 |
| 96850.000 | | 3140.00 | 632.31 | 0.00 | 0.00 | 942.24 | 1190.00 |
| 96850.000 | | 4100.00 | 633.03 | 0.00 | 0.00 | 982.79 | 1190.00 |
| 96850.000 | | 7440.00 | 634.98 | 1.96 | 0.00 | 1092.77 | 1190.00 |
| 96900.000 | | 1580.00 | 630.58 | 0.00 | 0.00 | 40.00 | 50.00 |
| 96900.000 | | 2890.00 | 630.83 | 0.00 | 0.00 | 40.00 | 50.00 |
| 96900.000 | | 3780.00 | 631.91 | 0.00 | 0.00 | 40.00 | 50.00 |
| 96900.000 | | 6860.00 | 633.89 | 3.18 | 0.00 | 40.00 | 50.00 |
| 97000.000 | | 1580.00 | 630.78 | 0.00 | 0.00 | 37.40 | 100.00 |
| 97000.000 | | 2890.00 | 633.50 | 0.00 | 0.00 | 37.40 | 100.00 |
| 97000.000 | | 3780.00 | 634.89 | 0.00 | 0.00 | 37.40 | 100.00 |
| 97000.000 | | 6860.00 | 642.02 | 7.13 | 0.00 | 1208.24 | 100.00 |
| 97050.000 | | 1580.00 | 632.43 | 0.00 | 0.00 | 373.49 | 50.00 |
| 97050.000 | | 2890.00 | 635.71 | 0.00 | 0.00 | 548.09 | 50.00 |
| 97050.000 | | 3780.00 | 637.53 | 0.00 | 0.00 | 560.28 | 50.00 |
| 97050.000 | | 6860.00 | 642.03 | 4.50 | 0.00 | 586.20 | 50.00 |
| 97425.000 | | 1580.00 | 634.89 | 0.00 | 0.00 | 403.17 | 375.00 |
| 97425.000 | | 2890.00 | 636.15 | 0.00 | 0.00 | 516.61 | 375.00 |
| 97425.000 | | 3780.00 | 637.74 | 0.00 | 0.00 | 548.27 | 375.00 |
| 97425.000 | | 6860.00 | 642.12 | 4.38 | 0.00 | 575.35 | 375.00 |
| 99105.000 | | 1580.00 | 642.16 | 0.00 | 0.00 | 483.23 | 1680.00 |
| 99105.000 | | 2890.00 | 642.77 | 0.00 | 0.00 | 495.39 | 1680.00 |
| 99105.000 | | 3780.00 | 642.41 | 0.00 | 0.00 | 488.19 | 1680.00 |
| 99105.000 | | 6860.00 | 643.66 | 1.25 | 0.00 | 513.15 | 1680.00 |

| SECNO | Q | CWSEL | D1FWSP | D1FWSX | D1FKWS | TOPWID | XLCH |
|--------------|---------|--------|--------|--------|--------|--------|---------|
| 101000.000 | 1580.00 | 644.85 | 0.00 | 2.68 | 0.00 | 718.69 | 1895.00 |
| 101000.000 | 2890.00 | 645.97 | 0.00 | 3.20 | 0.00 | 754.52 | 1895.00 |
| 101000.000 | 3780.00 | 646.67 | 0.00 | 4.26 | 0.00 | 765.10 | 1895.00 |
| 101000.000 | 6860.00 | 648.23 | 1.56 | 4.57 | 0.00 | 788.42 | 1895.00 |
| 101400.000 | 1550.00 | 645.10 | 0.00 | .26 | 0.00 | 726.02 | 400.00 |
| 101400.000 | 2680.00 | 646.25 | 0.00 | .28 | 0.00 | 755.63 | 400.00 |
| 101400.000 | 3510.00 | 646.94 | 0.00 | .27 | 0.00 | 766.17 | 400.00 |
| 101400.000 | 6380.00 | 648.57 | 1.62 | .33 | 0.00 | 790.50 | 400.00 |
| 102500.000 | 1550.00 | 646.36 | 0.00 | 1.26 | 0.00 | 119.90 | 1100.00 |
| 102500.000 | 2680.00 | 647.42 | 0.00 | 1.17 | 0.00 | 166.30 | 1100.00 |
| 102500.000 | 3510.00 | 648.03 | 0.00 | 1.09 | 0.00 | 193.46 | 1100.00 |
| 102500.000 | 6380.00 | 649.87 | 1.83 | 1.30 | 0.00 | 274.07 | 1100.00 |
| 103650.000 | 1550.00 | 651.96 | 0.00 | 5.59 | 0.00 | 166.80 | 1150.00 |
| 103650.000 | 2680.00 | 653.89 | 0.00 | 6.47 | 0.00 | 321.05 | 1150.00 |
| 103650.000 | 3510.00 | 654.83 | 0.00 | 6.79 | 0.00 | 422.15 | 1150.00 |
| 103650.000 | 6380.00 | 656.90 | 2.07 | 7.03 | 0.00 | 468.47 | 1150.00 |
| 104860.000 | 1540.00 | 655.30 | 0.00 | 3.34 | 0.00 | 92.71 | 1210.00 |
| 104860.000 | 2480.00 | 657.13 | 0.00 | 3.24 | 0.00 | 109.20 | 1210.00 |
| 104860.000 | 3240.00 | 658.12 | 0.00 | 3.30 | 0.00 | 118.12 | 1210.00 |
| 104860.000 | 5890.00 | 660.44 | 2.32 | 3.54 | 0.00 | 140.77 | 1210.00 |
| 105800.000 | 1540.00 | 657.25 | 0.00 | 1.96 | 0.00 | 153.48 | 940.00 |
| 105800.000 | 2480.00 | 659.23 | 0.00 | 2.10 | 0.00 | 205.00 | 940.00 |
| 105800.000 | 3240.00 | 660.42 | 0.00 | 2.30 | 0.00 | 235.56 | 940.00 |
| 105800.000 | 5890.00 | 663.41 | 2.99 | 2.97 | 0.00 | 310.23 | 940.00 |
| 106440.000 | 1540.00 | 659.20 | 0.00 | 1.94 | 0.00 | 135.69 | 640.00 |
| 106440.000 | 2480.00 | 660.88 | 0.00 | 1.65 | 0.00 | 173.61 | 640.00 |
| 106440.000 | 3240.00 | 661.96 | 0.00 | 1.54 | 0.00 | 196.15 | 640.00 |
| 106440.000 | 5890.00 | 664.76 | 2.80 | 1.35 | 0.00 | 255.02 | 640.00 |
| 106600.000 | 1000.00 | 660.30 | 0.00 | 1.11 | 0.00 | 161.37 | 160.00 |
| 106600.000 | 2010.00 | 661.78 | 0.00 | .89 | 0.00 | 192.36 | 160.00 |
| 106600.000 | 2630.00 | 662.75 | 0.00 | .79 | 0.00 | 212.65 | 160.00 |
| 106600.000 | 4800.00 | 665.41 | 2.67 | .65 | 0.00 | 266.62 | 160.00 |
| 107340.000 | 1000.00 | 662.05 | 0.00 | 1.74 | 0.00 | 439.22 | 740.00 |
| 107340.000 | 2010.00 | 663.45 | 0.00 | 1.67 | 0.00 | 611.09 | 740.00 |
| 107340.000 | 2630.00 | 664.19 | 0.00 | 1.44 | 0.00 | 636.75 | 740.00 |
| 107340.000 | 4800.00 | 666.46 | 2.27 | 1.04 | 0.00 | 682.49 | 740.00 |
| 107500.000 | 1000.00 | 662.44 | 0.00 | .39 | 0.00 | 54.00 | 160.00 |
| 107500.000 | 2010.00 | 663.48 | 0.00 | .03 | 0.00 | 54.00 | 160.00 |
| 107500.000 | 2630.00 | 663.94 | 0.00 | -.25 | 0.00 | 54.00 | 160.00 |
| 107500.000 | 4800.00 | 665.19 | 1.25 | -1.27 | 0.00 | 54.00 | 160.00 |
| * 107520.000 | 1000.00 | 662.81 | 0.00 | .37 | 0.00 | 45.70 | 20.00 |
| * 107520.000 | 2010.00 | 665.22 | 0.00 | 1.74 | 0.00 | 54.00 | 20.00 |
| * 107520.000 | 2630.00 | 666.40 | 0.00 | 2.46 | 0.00 | 54.00 | 20.00 |
| * 107520.000 | 4800.00 | 670.85 | 4.45 | 5.66 | 0.00 | 262.23 | 20.00 |

| SECNO | Q | CHSEL | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH |
|------------|---------|--------|--------|--------|--------|--------|---------|
| 107800.000 | 1000.00 | 666.28 | 0.00 | 3.47 | 0.00 | 149.81 | 280.00 |
| 107800.000 | 2010.00 | 667.94 | 0.00 | 2.72 | 0.00 | 216.98 | 280.00 |
| 107800.000 | 2630.00 | 668.91 | 0.00 | 2.51 | 0.00 | 232.55 | 280.00 |
| 107800.000 | 4800.00 | 671.35 | 2.44 | 1.50 | 0.00 | 263.49 | 280.00 |
| 108800.000 | 920.00 | 670.56 | 0.00 | 4.28 | 0.00 | 206.93 | 1000.00 |
| 108800.000 | 1880.00 | 672.16 | 0.00 | 4.22 | 0.00 | 267.06 | 1000.00 |
| 108800.000 | 2450.00 | 672.77 | 0.00 | 3.86 | 0.00 | 293.99 | 1000.00 |
| 108800.000 | 4500.00 | 674.65 | 1.87 | 3.30 | 0.00 | 376.28 | 1000.00 |
| 110290.000 | 920.00 | 674.46 | 0.00 | 3.90 | 0.00 | 124.50 | 1490.00 |
| 110290.000 | 1880.00 | 676.56 | 0.00 | 4.40 | 0.00 | 200.16 | 1490.00 |
| 110290.000 | 2450.00 | 677.40 | 0.00 | 4.62 | 0.00 | 224.39 | 1490.00 |
| 110290.000 | 4500.00 | 679.53 | 2.13 | 4.88 | 0.00 | 286.33 | 1490.00 |
| 111290.000 | 880.00 | 678.18 | 0.00 | 3.72 | 0.00 | 259.48 | 1000.00 |
| 111290.000 | 1750.00 | 679.77 | 0.00 | 3.21 | 0.00 | 351.68 | 1000.00 |
| 111290.000 | 2290.00 | 680.46 | 0.00 | 3.06 | 0.00 | 374.23 | 1000.00 |
| 111290.000 | 4200.00 | 682.38 | 1.92 | 2.85 | 0.00 | 412.59 | 1000.00 |
| 112700.000 | 850.00 | 681.13 | 0.00 | 2.95 | 0.00 | 346.83 | 910.00 |
| 112700.000 | 1700.00 | 682.21 | 0.00 | 2.45 | 0.00 | 387.31 | 910.00 |
| 112700.000 | 2200.00 | 682.74 | 0.00 | 2.29 | 0.00 | 406.25 | 910.00 |
| 112700.000 | 4100.00 | 684.34 | 1.60 | 1.96 | 0.00 | 465.64 | 910.00 |
| 113205.000 | 825.00 | 687.08 | 0.00 | 5.95 | 0.00 | 372.20 | 1005.00 |
| 113205.000 | 1670.00 | 687.76 | 0.00 | 5.55 | 0.00 | 430.03 | 1005.00 |
| 113205.000 | 2190.00 | 688.11 | 0.00 | 5.37 | 0.00 | 459.89 | 1005.00 |
| 113205.000 | 4000.00 | 689.11 | 1.00 | 4.76 | 0.00 | 544.35 | 1005.00 |

SUMMARY OF ERRORS

CAUTION SECNO=96900.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=96900.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY
CAUTION SECNO=96900.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO=96900.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=96900.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=96900.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO=96900.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=96900.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO=97000.000 PROFILE= 2 HYDRAULIC JUMP D.S.
CAUTION SECNO=97000.000 PROFILE= 3 HYDRAULIC JUMP D.S.
CAUTION SECNO=97000.000 PROFILE= 4 HYDRAULIC JUMP D.S.

CAUTION SECNO=***** PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO=***** PROFILE= 2 HYDRAULIC JUMP D.S.
CAUTION SECNO=***** PROFILE= 3 HYDRAULIC JUMP D.S.
CAUTION SECNO=***** PROFILE= 4 HYDRAULIC JUMP D.S.

FLOOD INSURANCE ZONE DATA FOR WOLF ISLAND CR.

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

| SECTION NUMBER | CUMULATIVE DISTANCE | ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND | | |
|------------------------|---------------------|---------------------------------------------|------|-------|
| | | 10' | 20' | 0.20' |
| 94200.000 | 0. | 1.7 | .6 | 1.6 |
| 94300.000 | 100. | 1.7 | .6 | 1.6 |
| 94400.000 | 200. | 1.7 | .6 | 1.6 |
| 94500.000 | 300. | 1.7 | .6 | 1.6 |
| 95660.000 | 1460. | 1.9 | .7 | 1.8 |
| 96850.000 | 2650. | 2.0 | .7 | 2.0 |
| 96900.000 | 2700. | 1.3 | -1.1 | 3.2 |
| 97000.000 | 2800. | 4.1 | -1.4 | 7.1 |
| 97050.000 | 2850. | 5.1 | -1.8 | 4.5 |
| 97425.000 | 3225. | 2.8 | -1.6 | 4.4 |
| 99105.000 | 4905. | .2 | .4 | 1.2 |
| 101000.000 | 6800. | 1.8 | .7 | 1.6 |
| 101400.000 | 7200. | 1.8 | .7 | 1.6 |
| 102500.000 | 8300. | 1.7 | .6 | 1.8 |
| 103650.000 | 9450. | 2.9 | .9 | 2.1 |
| 104860.000 | 10660. | 2.8 | -1.0 | 2.3 |
| 105800.000 | 11600. | 3.2 | -1.2 | 3.0 |
| 106440.000 | 12240. | 2.8 | -1.1 | 2.8 |
| 106600.000 | 12400. | 2.4 | -1.0 | 2.7 |
| 107340.000 | 13140. | 2.1 | .7 | 2.3 |
| 107500.000 | 13300. | 1.5 | .5 | 1.3 |
| 107520.000 | 13320. | 3.6 | -1.2 | 4.5 |
| 107800.000 | 13600. | 2.6 | -1.0 | 2.4 |
| 108800.000 | 14660. | 2.2 | .6 | 1.9 |
| 110290.000 | 16090. | 2.9 | .8 | 2.1 |
| 111290.000 | 17090. | 2.3 | .7 | 1.9 |
| 112700.000 | 18000. | 1.6 | .5 | 1.6 |
| 113205.000 | 19005. | 1.0 | .3 | 1.0 |
| WEIGHTED AVG FOR REACH | | 2.1 | .7 | 2.1 |

FHF FOR THE REACH = 0.20 WITH 87.8% OF THE REACH WITHIN 1.0 FEET ZONE FOR THE REACH = A 4

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

C
 T1 REIDSVILLE, N. C.
 T2 RBO 4/26/77 100 YR FLOOD
 T3 WOLF ISLAND CR.

| J1 | ICHECK | INQ | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ |
|----|-------------------------------------|----------|----------|----------|----------|----------|----------|----------|---------|--------|
| | -1. | 7. | 0. | 0. | 0.000000 | 0.00 | 0.0 | 0. | 626,600 | 0.000 |
| J2 | NPROF | IPLT | PRFVS | XSECV | XSECH | FN | ALLDC | IBW | CHNIM | ITRACE |
| | 0.000 | 0.000 | -1.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 15.000 |
| J3 | VARIABLE CODES FOR SUMMARY PRINTOUT | | | | | | | | | |
| | 38.000 | 1.000 | 3.000 | 41.000 | 42.000 | 5.000 | 43.000 | 0.000 | 38.000 | 1.000 |
| | 53.000 | 21.000 | 22.000 | 54.000 | 4.000 | 0.000 | 200.000 | 0.000 | 0.000 | 0.000 |
| NC | .120 | .120 | .070 | .200 | .400 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QT | 7.000 | 4600.000 | 4600.000 | 4600.000 | 1950.000 | 3500.000 | 4600.000 | 8300.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 640.000 | 1220.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

XXXXSURVEY SECTION RWIC1XXXX

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|---------|----------|---------|----------|---------|----------|
| X1 | 94200.000 | 16.000 | 1000.000 | 1025.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| GR | 643.400 | 540.000 | 623.800 | 600.000 | 620.200 | 630.000 | 619.400 | 700.000 | 624.200 | 800.000 |
| GR | 624.700 | 900.000 | 624.700 | 1000.000 | 617.800 | 1005.000 | 617.300 | 1020.000 | 624.600 | 1025.000 |
| GR | 623.900 | 1100.000 | 623.800 | 1200.000 | 624.500 | 1300.000 | 625.100 | 1400.000 | 627.000 | 1440.000 |
| GR | 643.600 | 1485.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 640.000 | 1220.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|-----------|-------|---------|----------|---------|---------|---------|-------|-------|-------|
| X1 | 94300.000 | 0.000 | 0.000 | 0.000 | 100.000 | 100.000 | 100.000 | 0.000 | .100 | 0.000 |
| ET | 0.000 | 3.100 | 640.000 | 1220.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|-----------|-------|---------|----------|---------|---------|---------|-------|-------|-------|
| X1 | 94400.000 | 0.000 | 0.000 | 0.000 | 100.000 | 100.000 | 100.000 | 0.000 | .100 | 0.000 |
| ET | 0.000 | 3.100 | 640.000 | 1220.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|-----------|-------|---------|----------|---------|---------|---------|-------|-------|-------|
| X1 | 94500.000 | 0.000 | 0.000 | 0.000 | 100.000 | 100.000 | 100.000 | 0.000 | .100 | 0.000 |
| ET | 0.000 | 3.100 | 670.000 | 1110.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

XXXXSURVEY SECTION RWIC2XXXX

| | | | | | | | | | | |
|----|-----------|---------|----------|----------|----------|----------|----------|---------|---------|----------|
| X1 | 95660.000 | 15.000 | 1000.000 | 1023.000 | 1160.000 | 1160.000 | 1160.000 | 0.000 | 0.000 | 0.000 |
| GR | 644.800 | 500.000 | 638.100 | 600.000 | 628.000 | 700.000 | 626.600 | 800.000 | 626.200 | 819.000 |
| GR | 621.900 | 822.000 | 621.800 | 832.000 | 625.800 | 837.000 | 626.500 | 900.000 | 628.500 | 1000.000 |

| | | | | | | | | | | |
|----|---------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| GR | 620.800 | 1005.000 | 620.600 | 1018.000 | 627.600 | 1023.000 | 628.200 | 1100.000 | 628.100 | 1150.000 |
| QT | 7.000 | 4100.000 | 4100.000 | 4100.000 | 1740.000 | 3140.000 | 4100.000 | 7440.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 400.000 | 1000.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 96850.000 | 11.000 | 960.000 | 1000.000 | 1190.000 | 1190.000 | 1190.000 | 0.000 | 0.000 | 0.000 |
| GR | 660.000 | 0.000 | 628.000 | 200.000 | 627.500 | 650.000 | 630.000 | 880.000 | 630.000 | 960.000 |
| GR | 625.400 | 960.000 | 625.400 | 1000.000 | 630.000 | 1000.000 | 635.000 | 1250.000 | 659.000 | 1310.000 |
| GR | 660.000 | 1370.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| NC | .090 | .090 | .040 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QT | 7.000 | 3780.000 | 3780.000 | 3780.000 | 1580.000 | 2890.000 | 3780.000 | 6860.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 550.000 | 1000.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|-----------|-------|---------|----------|--------|--------|---------|---------|---------|---------|
| X1 | 96900.000 | 0.000 | 0.000 | 0.000 | 50.000 | 50.000 | 50.000 | 0.000 | 0.000 | 0.000 |
| X3 | 10.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 638.000 | 638.000 | 0.000 |
| NC | .090 | .090 | .015 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| SB | 1.250 | 1.670 | 2.600 | 0.000 | 37.400 | 1.400 | 403.000 | 0.000 | 626.400 | 625.400 |
| ET | 0.000 | 3.100 | 960.000 | 1000.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

XXXXN, C. ROUTE 14 RWIC3XXXX

| | | | | | | | | | | |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| X1 | 97000.000 | 17.000 | 962.600 | 1000.000 | 100.000 | 100.000 | 100.000 | 0.000 | 0.000 | 0.000 |
| X2 | 0.000 | 0.000 | 1.000 | 637.600 | 641.500 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| X3 | 10.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 641.500 | 641.500 | 0.000 |
| BT | 11.000 | 0.000 | 660.000 | 0.000 | 120.000 | 642.000 | 0.000 | 600.000 | 641.400 | 0.000 |
| BT | 800.000 | 643.400 | 0.000 | 962.600 | 646.700 | 0.000 | 962.600 | 646.700 | 637.500 | 1000.000 |
| BT | 646.700 | 637.500 | 1000.000 | 646.700 | 0.000 | 1200.000 | 654.500 | 0.000 | 1410.000 | 562.800 |
| BT | 0.000 | 1500.000 | 666.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| GR | 660.000 | 0.000 | 642.000 | 120.000 | 529.000 | 200.000 | 628.000 | 570.000 | 630.000 | 680.000 |
| GR | 637.000 | 700.000 | 637.000 | 720.000 | 635.000 | 740.000 | 630.000 | 940.000 | 630.000 | 962.600 |
| GR | 626.400 | 962.600 | 626.400 | 1000.000 | 630.000 | 1000.000 | 635.000 | 1300.000 | 660.000 | 1400.000 |
| GR | 662.800 | 1410.000 | 666.000 | 1500.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| NC | .080 | .080 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QT | 7.000 | 3780.000 | 3780.000 | 3780.000 | 1580.000 | 2890.000 | 3780.000 | 6860.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 120.000 | 520.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 97050.000 | 11.000 | 460.000 | 481.000 | 50.000 | 50.000 | 50.000 | 0.000 | 2.000 | 0.000 |
| GR | 650.000 | 0.000 | 645.000 | 35.000 | 640.000 | 50.000 | 635.000 | 70.000 | 632.000 | 260.000 |
| GR | 633.900 | 460.000 | 628.700 | 464.000 | 628.800 | 476.000 | 636.400 | 481.000 | 635.000 | 600.000 |
| GR | 650.000 | 640.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 170.000 | 485.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

XXXXSURVEY SECTION RWIC4XXXX

| | | | | | | | | | | |
|----|-----------|-------|---------|---------|---------|---------|---------|-------|-------|-------|
| X1 | 97425.000 | 0.000 | 0.000 | 0.000 | 375.000 | 375.000 | 375.000 | 0.000 | 2.000 | 0.000 |
| ET | 0.000 | 3.100 | 220.000 | 485.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|-----------|-------|---------|---------|---------|---------|---------|-------|-------|-------|
| X1 | 98000.000 | 0.000 | 0.000 | 0.000 | 575.000 | 575.000 | 575.000 | 0.000 | 2.200 | 0.000 |
| ET | 0.000 | 3.100 | 170.000 | 500.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

COMPOSED SECTION

| | | | | | | | | | | |
|----|-----------|---------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 99105.000 | 10.000 | 270.000 | 291.000 | 1105.000 | 1105.000 | 1105.000 | 0.000 | 0.000 | 0.000 |
| GR | 650.000 | 0.000 | 645.000 | 70.000 | 640.000 | 110.000 | 640.900 | 270.000 | 635.700 | 274.000 |
| GR | 635.800 | 286.000 | 641.400 | 291.000 | 640.000 | 550.000 | 645.000 | 610.000 | 650.000 | 650.000 |
| NC | .100 | .100 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 150.000 | 520.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|-----------|-------|-------|-------|---------|---------|---------|-------|-------|-------|
| X1 | 99800.000 | 0.000 | 0.000 | 0.000 | 695.000 | 695.000 | 695.000 | 0.000 | 1.000 | 0.000 |
|----|-----------|-------|-------|-------|---------|---------|---------|-------|-------|-------|

ET 0.000 3.100 220.000 655.000 0.000 0.000 0.000 0.000 0.000 0.000

COMPOSED SECTION

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| X1 | 101000.000 | 16.000 | 280.000 | 301.000 | 1200.000 | 1200.000 | 1200.000 | 0.000 | 0.000 | 0.000 |
| GR | 665.000 | 0.000 | 660.000 | 30.000 | 655.000 | 60.000 | 650.000 | 85.000 | 645.000 | 110.000 |
| GR | 640.000 | 250.000 | 640.000 | 280.000 | 638.000 | 284.000 | 638.000 | 296.000 | 640.000 | 301.000 |
| GR | 640.000 | 305.000 | 645.000 | 850.000 | 650.000 | 900.000 | 655.000 | 935.000 | 660.000 | 970.000 |
| GR | 665.000 | 1010.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QT | 7.000 | 3510.000 | 3510.000 | 3510.000 | 1550.000 | 2680.000 | 3510.000 | 6380.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 220.000 | 655.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|------------|-------|---------|---------|---------|---------|---------|-------|-------|-------|
| X1 | 101400.000 | 0.000 | 0.000 | 0.000 | 400.000 | 400.000 | 400.000 | 0.000 | .200 | 0.000 |
| ET | 0.000 | 3.100 | 140.000 | 330.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

SURVEY SECTION RWIC5

| | | | | | | | | | | |
|----|------------|---------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 102500.000 | 13.000 | 233.000 | 249.000 | 1100.000 | 1100.000 | 1100.000 | 0.000 | 0.000 | 0.000 |
| GR | 660.000 | 0.000 | 655.000 | 50.000 | 650.000 | 80.000 | 645.000 | 230.000 | 640.000 | 233.000 |
| GR | 639.000 | 235.000 | 639.000 | 245.000 | 640.000 | 249.000 | 640.000 | 255.000 | 645.000 | 290.000 |
| GR | 650.000 | 360.000 | 655.000 | 510.000 | 660.000 | 530.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| NC | .110 | .090 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 110.000 | 280.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| X1 | 103650.000 | 15.000 | 115.000 | 135.000 | 1150.000 | 1150.000 | 1150.000 | 0.000 | 0.000 | 0.000 |
| GR | 670.000 | 0.000 | 665.000 | 20.000 | 660.000 | 40.000 | 655.000 | 60.000 | 650.000 | 100.000 |
| GR | 645.000 | 115.000 | 642.200 | 119.000 | 642.200 | 130.000 | 645.000 | 135.000 | 650.000 | 160.000 |
| GR | 653.000 | 300.000 | 655.000 | 500.000 | 660.000 | 555.000 | 665.000 | 610.000 | 670.000 | 700.000 |
| NC | .110 | .110 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QT | 7.000 | 3240.000 | 3240.000 | 3240.000 | 1540.000 | 2480.000 | 3240.000 | 5890.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 70.000 | 140.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

SURVEY SECTION RWIC6

| | | | | | | | | | | |
|----|------------|---------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 104860.000 | 12.000 | 85.000 | 115.000 | 1210.000 | 1210.000 | 1210.000 | 0.000 | 0.000 | 0.000 |
| GR | 665.000 | 0.000 | 660.000 | 40.000 | 655.000 | 60.000 | 650.000 | 80.000 | 650.000 | 85.000 |
| GR | 646.000 | 90.000 | 646.000 | 110.000 | 650.000 | 115.000 | 650.000 | 125.000 | 655.000 | 150.000 |
| GR | 660.000 | 175.000 | 665.000 | 200.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| NC | .090 | .110 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 175.000 | 295.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

COMPOSED SECTION

| | | | | | | | | | | |
|----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 105800.000 | 12.000 | 258.000 | 282.000 | 940.000 | 940.000 | 940.000 | 0.000 | 0.000 | 0.000 |
| GR | 665.000 | 0.000 | 660.000 | 100.000 | 655.000 | 205.000 | 650.000 | 255.000 | 651.000 | 258.000 |
| GR | 648.000 | 263.000 | 648.000 | 277.000 | 651.000 | 282.000 | 650.000 | 290.000 | 655.000 | 300.000 |
| GR | 660.000 | 325.000 | 665.000 | 350.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 178.000 | 290.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

SURVEY SECTION RWIC7

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| X1 | 106440.000 | 12.000 | 263.000 | 288.000 | 640.000 | 640.000 | 640.000 | 0.000 | 0.000 | 0.000 |
| GR | 670.000 | 0.000 | 665.000 | 65.000 | 660.000 | 155.000 | 655.000 | 255.000 | 658.200 | 263.000 |
| GR | 652.900 | 266.000 | 653.100 | 284.000 | 650.600 | 288.000 | 655.000 | 290.000 | 660.000 | 310.000 |
| GR | 665.000 | 325.000 | 670.000 | 340.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QT | 7.000 | 2630.000 | 2630.000 | 2630.000 | 1000.000 | 2010.000 | 2630.000 | 4800.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 175.000 | 290.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|------------|-------|---------|---------|---------|---------|---------|-------|-------|-------|
| X1 | 106800.000 | 0.000 | 0.000 | 0.000 | 160.000 | 160.000 | 160.000 | 0.000 | 0.000 | 0.000 |
| NC | .090 | .090 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 210.000 | 400.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

COMPOSED SECTION

| | | | | | | | | | | |
|----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 107340.000 | 10.000 | 248.000 | 272.000 | 740.000 | 740.000 | 740.000 | 0.000 | 0.000 | 0.000 |
| GR | 675.000 | 0.000 | 670.000 | 35.000 | 665.000 | 65.000 | 660.000 | 230.000 | 660.000 | 248.000 |
| GR | 657.000 | 253.000 | 657.000 | 267.000 | 660.000 | 272.000 | 660.000 | 300.000 | 663.000 | 500.000 |
| NC | .090 | .090 | .045 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 230.000 | 290.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 107500.000 | 10.000 | 233.000 | 287.000 | 160.000 | 160.000 | 160.000 | 0.000 | 0.000 | 0.000 |
| X3 | 10.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 668.000 | 668.000 | 0.000 |
| GR | 675.000 | 0.000 | 670.000 | 35.000 | 665.000 | 75.000 | 660.000 | 230.000 | 660.000 | 233.000 |
| GR | 658.000 | 245.000 | 658.000 | 275.000 | 660.000 | 287.000 | 660.000 | 300.000 | 663.000 | 500.000 |
| SB | 1.250 | 1.200 | 2.600 | 0.000 | 30.000 | 6.000 | 339.000 | 1.330 | 658.000 | 658.000 |
| ET | 0.000 | 3.100 | 230.000 | 290.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

XXXXWENTWORTH ROAD RWIC8

| | | | | | | | | | | |
|----|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| X1 | 107520.000 | 8.000 | 233.000 | 287.000 | 20.000 | 20.000 | 20.000 | 0.000 | -1.000 | 0.000 |
| X2 | 0.000 | 0.000 | 1.000 | 667.000 | 670.500 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| X3 | 10.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 670.500 | 670.500 | 0.000 |
| BT | 15.000 | 0.000 | 675.000 | 0.000 | 20.000 | 672.800 | 0.000 | 30.000 | 672.000 | 0.000 |
| BT | 130.000 | 670.500 | 0.000 | 233.000 | 670.500 | 0.000 | 233.000 | 670.500 | 667.000 | 287.000 |
| BT | 670.500 | 667.000 | 287.000 | 670.500 | 0.000 | 310.000 | 670.600 | 0.000 | 430.000 | 672.000 |
| BT | 0.000 | 530.000 | 674.000 | 0.000 | 630.000 | 674.300 | 0.000 | 730.000 | 673.000 | 0.000 |
| BT | 770.000 | 672.800 | 0.000 | 790.000 | 675.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| GR | 675.000 | 0.000 | 665.000 | 110.000 | 665.000 | 233.000 | 659.000 | 237.000 | 659.000 | 249.000 |
| GR | 665.000 | 287.000 | 670.000 | 295.000 | 675.000 | 300.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| NC | .090 | .110 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 110.000 | 255.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

SURVEY SECTION RWIC9

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|---------|
| X1 | 107800.000 | 10.000 | 230.000 | 251.000 | 280.000 | 280.000 | 280.000 | 0.000 | 0.000 | 0.000 |
| GR | 675.000 | 0.000 | 670.000 | 30.000 | 665.000 | 90.000 | 666.800 | 230.000 | 659.000 | 234.000 |
| GR | 659.300 | 246.000 | 665.000 | 251.000 | 665.000 | 260.000 | 670.000 | 280.000 | 675.000 | 300.000 |
| NC | .110 | .110 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| OT | 7.000 | 2450.000 | 2450.000 | 2450.000 | 920.000 | 1880.000 | 2450.000 | 4500.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 315.000 | 445.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|------------|---------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 108800.000 | 12.000 | 380.000 | 400.000 | 1000.000 | 1000.000 | 1000.000 | 0.000 | 0.000 | 0.000 |
| GR | 682.000 | 0.000 | 677.000 | 60.000 | 672.000 | 240.000 | 667.000 | 360.000 | 667.000 | 380.000 |
| GR | 661.700 | 385.000 | 661.700 | 395.000 | 667.000 | 400.000 | 667.000 | 435.000 | 672.000 | 500.000 |
| GR | 677.000 | 540.000 | 682.000 | 560.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 245.000 | 355.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

SURVEY SECTION RWIC10

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| X1 | 110290.000 | 13.000 | 250.000 | 271.000 | 1490.000 | 1490.000 | 1490.000 | 0.000 | 0.000 | 0.000 |
| GR | 695.000 | 0.000 | 690.000 | 60.000 | 685.000 | 130.000 | 680.000 | 165.000 | 675.000 | 230.000 |
| GR | 672.100 | 250.000 | 666.400 | 255.000 | 666.100 | 265.000 | 672.700 | 271.000 | 675.000 | 385.000 |
| GR | 680.000 | 465.000 | 685.000 | 500.000 | 690.000 | 560.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| NC | .100 | .090 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QT | 7.000 | 2290.000 | 2290.000 | 2290.000 | 880.000 | 1750.000 | 2290.000 | 4200.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 290.000 | 445.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|----------|----------|----------|----------|---------|---------|
| X1 | 111290.000 | 14.000 | 391.000 | 398.000 | 1000.000 | 1000.000 | 1000.000 | 0.000 | 0.000 | 0.000 |
| GR | 695.000 | 0.000 | 690.000 | 60.000 | 685.000 | 130.000 | 680.000 | 130.000 | 675.000 | 345.000 |
| GR | 675.000 | 381.000 | 671.000 | 386.000 | 671.000 | 394.000 | 675.000 | 398.000 | 675.000 | 420.000 |
| GR | 680.000 | 545.000 | 685.000 | 595.000 | 690.000 | 640.000 | 695.000 | 665.000 | 0.000 | 0.000 |
| NC | .100 | .100 | .060 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| QT | 7.000 | 2200.000 | 2200.000 | 2200.000 | 850.000 | 1700.000 | 2200.000 | 4100.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 255.000 | 475.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

| | | | | | | | | | | |
|----|------------|----------|----------|----------|---------|----------|----------|----------|---------|---------|
| X1 | 112700.000 | 14.000 | 260.000 | 280.000 | 910.000 | 910.000 | 910.000 | 0.000 | 0.000 | 0.000 |
| GR | 700.000 | 0.000 | 695.000 | 60.000 | 690.000 | 110.000 | 685.000 | 130.000 | 680.000 | 230.000 |
| GR | 680.000 | 260.000 | 676.000 | 266.000 | 676.000 | 274.000 | 680.000 | 280.000 | 680.000 | 310.000 |
| GR | 680.000 | 535.000 | 685.000 | 670.000 | 690.000 | 730.000 | 700.000 | 790.000 | 0.000 | 0.000 |
| QT | 7.000 | 2190.000 | 2190.000 | 2190.000 | 825.000 | 1670.000 | 2190.000 | 4000.000 | 0.000 | 0.000 |
| ET | 0.000 | 3.100 | 175.000 | 370.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

SURVEY SECTION RWIC11

| | | | | | | | | | | |
|----|------------|---------|---------|---------|----------|----------|----------|---------|---------|---------|
| X1 | 113205.000 | 10.000 | 177.000 | 192.000 | 1005.000 | 1005.000 | 1005.000 | 0.000 | 0.000 | 0.000 |
| GR | 695.000 | 0.000 | 690.000 | 40.000 | 686.000 | 120.000 | 685.300 | 177.000 | 681.600 | 182.000 |
| GR | 681.400 | 188.000 | 685.200 | 192.000 | 686.000 | 400.000 | 690.000 | 660.000 | 695.000 | 740.000 |
| EJ | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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

T1 REIDSVILLE, N. C.
 T2 KBO 5/16/77 FLOODWAY
 T3 WOLF ISLAND CR.

| J1 | ICHECK | INO | NINV | IDIR | STRT | METRIC | HVINS | Q | WSEL | FQ |
|----|--------|-------|--------|-------|----------|--------|-------|-------|---------|--------|
| | 0. | 2. | 0. | 0. | 0.000000 | 0.00 | 0.0 | 0. | 627,200 | 0.000 |
| J2 | NPROF | IPLOT | PRFVS | XSECV | XSECH | FN | ALLDC | IRW | CHNIM | ITRACE |
| | 15.000 | 0.000 | -1.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 15.000 |

2718011000

 HEO2 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

WOLF ISLAND CR.
 SUMMARY PRINTOUT

| SECNO | CWSEL | EG | ELLC | ELMIN | 10K+S | Q |
|-------------|--------|--------|--------|--------|--------|---------|
| 94200.000 | 626.60 | 626.67 | 0.00 | 617.30 | 30.14 | 4600.00 |
| 94200.000 | 627.20 | 627.29 | 0.00 | 617.30 | 29.88 | 4600.00 |
| 94300.000 | 626.89 | 626.95 | 0.00 | 617.40 | 25.52 | 4600.00 |
| 94300.000 | 627.49 | 627.57 | 0.00 | 617.40 | 26.00 | 4600.00 |
| 94400.000 | 627.14 | 627.19 | 0.00 | 617.50 | 22.71 | 4600.00 |
| 94400.000 | 627.74 | 627.81 | 0.00 | 617.50 | 23.56 | 4600.00 |
| 94500.000 | 627.36 | 627.41 | 0.00 | 617.60 | 20.44 | 4600.00 |
| 94500.000 | 627.97 | 628.04 | 0.00 | 617.60 | 21.49 | 4600.00 |
| 95660.000 | 630.93 | 631.11 | 0.00 | 620.60 | 54.54 | 4600.00 |
| 95660.000 | 631.32 | 631.45 | 0.00 | 620.60 | 41.90 | 4600.00 |
| 96850.000 | 633.03 | 633.05 | 0.00 | 625.40 | 7.00 | 4100.00 |
| 96850.000 | 633.62 | 633.66 | 0.00 | 625.40 | 9.61 | 4100.00 |
| * 96900.000 | 631.91 | 635.18 | 0.00 | 625.40 | 174.07 | 3780.00 |
| * 96900.000 | 631.90 | 635.18 | 0.00 | 625.40 | 183.93 | 3780.00 |
| * 97000.000 | 634.89 | 637.09 | 637.60 | 626.40 | 12.12 | 3780.00 |
| * 97000.000 | 634.89 | 637.09 | 637.60 | 626.40 | 13.74 | 3780.00 |
| 97050.000 | 637.53 | 637.56 | 0.00 | 626.70 | 3.65 | 3780.00 |
| 97050.000 | 637.53 | 637.56 | 0.00 | 626.70 | 5.24 | 3780.00 |
| 97425.000 | 637.74 | 637.79 | 0.00 | 628.70 | 11.75 | 3780.00 |
| 97425.000 | 637.82 | 637.92 | 0.00 | 628.70 | 17.79 | 3780.00 |
| 98000.000 | 638.76 | 638.88 | 0.00 | 630.90 | 32.93 | 3780.00 |
| 98000.000 | 639.25 | 639.44 | 0.00 | 630.90 | 40.92 | 3780.00 |
| 99105.000 | 643.26 | 643.43 | 0.00 | 635.70 | 52.43 | 3780.00 |
| 99105.000 | 644.12 | 644.32 | 0.00 | 635.70 | 47.72 | 3780.00 |
| 99800.000 | 645.60 | 645.67 | 0.00 | 636.70 | 21.62 | 3780.00 |
| 99800.000 | 646.37 | 646.47 | 0.00 | 636.70 | 21.21 | 3780.00 |

| SECNO | CWSEL | EG | ELLC | ELMIN | 10K+S | 0 |
|--------------|--------|--------|--------|--------|--------|---------|
| 101000.000 | 646.92 | 646.94 | 0.00 | 638.00 | 6.18 | 3780.00 |
| 101000.000 | 647.70 | 647.74 | 0.00 | 638.00 | 6.23 | 3780.00 |
| 101400.000 | 647.15 | 647.17 | 0.00 | 638.20 | 5.22 | 3510.00 |
| 101400.000 | 647.94 | 647.97 | 0.00 | 638.20 | 5.30 | 3510.00 |
| 102500.000 | 648.04 | 649.22 | 0.00 | 639.00 | 126.67 | 3510.00 |
| 102500.000 | 648.98 | 649.65 | 0.00 | 639.00 | 69.23 | 3510.00 |
| 103650.000 | 654.82 | 655.13 | 0.00 | 642.20 | 26.45 | 3510.00 |
| 103650.000 | 654.83 | 655.32 | 0.00 | 642.20 | 36.41 | 3510.00 |
| 104860.000 | 658.13 | 658.61 | 0.00 | 646.00 | 30.29 | 3240.00 |
| 104860.000 | 658.77 | 659.32 | 0.00 | 646.00 | 29.68 | 3240.00 |
| 105800.000 | 660.43 | 660.60 | 0.00 | 648.00 | 14.84 | 3240.00 |
| 105800.000 | 661.08 | 661.30 | 0.00 | 648.00 | 14.74 | 3240.00 |
| 106440.000 | 661.96 | 662.31 | 0.00 | 652.90 | 54.18 | 3240.00 |
| 106440.000 | 662.57 | 662.99 | 0.00 | 652.90 | 52.24 | 3240.00 |
| 106600.000 | 662.75 | 662.90 | 0.00 | 652.90 | 22.31 | 2630.00 |
| 106600.000 | 663.38 | 663.59 | 0.00 | 652.90 | 23.20 | 2630.00 |
| 107340.000 | 664.52 | 664.63 | 0.00 | 657.00 | 24.16 | 2630.00 |
| 107340.000 | 665.23 | 665.39 | 0.00 | 657.00 | 25.23 | 2630.00 |
| 107500.000 | 664.55 | 665.54 | 0.00 | 658.00 | 54.53 | 2630.00 |
| 107500.000 | 665.34 | 666.12 | 0.00 | 658.00 | 36.73 | 2630.00 |
| * 107520.000 | 666.40 | 667.40 | 667.00 | 658.00 | 61.18 | 2630.00 |
| * 107520.000 | 666.40 | 667.40 | 667.00 | 658.00 | 61.18 | 2630.00 |
| 107800.000 | 668.91 | 669.26 | 0.00 | 659.00 | 62.58 | 2630.00 |
| 107800.000 | 668.95 | 669.60 | 0.00 | 659.00 | 97.52 | 2630.00 |
| 108800.000 | 672.77 | 672.93 | 0.00 | 661.70 | 22.97 | 2450.00 |
| 108800.000 | 673.65 | 673.85 | 0.00 | 661.70 | 22.05 | 2450.00 |
| 110290.000 | 677.40 | 677.78 | 0.00 | 666.10 | 47.52 | 2450.00 |
| 110290.000 | 678.10 | 678.56 | 0.00 | 666.10 | 46.36 | 2450.00 |
| 111290.000 | 680.46 | 680.53 | 0.00 | 671.00 | 16.79 | 2290.00 |
| 111290.000 | 681.27 | 681.39 | 0.00 | 671.00 | 17.86 | 2290.00 |
| 112700.000 | 682.74 | 682.87 | 0.00 | 676.00 | 44.01 | 2200.00 |
| 112700.000 | 683.58 | 683.75 | 0.00 | 676.00 | 40.87 | 2200.00 |
| 113205.000 | 688.11 | 688.26 | 0.00 | 681.40 | 66.73 | 2190.00 |
| 113205.000 | 688.83 | 689.08 | 0.00 | 681.40 | 70.59 | 2190.00 |

WOLF ISLAND CR.

SUMMARY PRINTOUT

| SEONO | CWSEL | SSTA | STCHL | STCHR | ENDST | TOPWID |
|-------------|--------|--------|---------|---------|---------|--------|
| 94200.000 | 626.60 | 591.43 | 1000.00 | 1025.00 | 1431.58 | 840.15 |
| 94200.000 | 627.20 | 640.00 | 1000.00 | 1025.00 | 1220.00 | 580.00 |
| 94300.000 | 626.89 | 590.83 | 1000.00 | 1025.00 | 1435.68 | 844.85 |
| 94300.000 | 627.49 | 640.00 | 1000.00 | 1025.00 | 1220.00 | 580.00 |
| 94400.000 | 627.14 | 590.40 | 1000.00 | 1025.00 | 1438.66 | 848.26 |
| 94400.000 | 627.74 | 640.00 | 1000.00 | 1025.00 | 1220.00 | 580.00 |
| 94500.000 | 627.36 | 590.00 | 1000.00 | 1025.00 | 1440.18 | 850.18 |
| 94500.000 | 627.97 | 640.00 | 1000.00 | 1025.00 | 1220.00 | 580.00 |
| 95660.000 | 630.93 | 670.93 | 1000.00 | 1023.00 | 1106.87 | 435.94 |
| 95660.000 | 631.32 | 670.00 | 1000.00 | 1023.00 | 1107.81 | 437.81 |
| 96650.000 | 633.03 | 168.58 | 960.00 | 1000.00 | 1151.37 | 982.79 |
| 96850.000 | 633.62 | 400.00 | 960.00 | 1000.00 | 1000.00 | 600.00 |
| * 96900.000 | 631.91 | 960.00 | 960.00 | 1000.00 | 1000.00 | 40.00 |
| * 96900.000 | 631.90 | 960.00 | 960.00 | 1000.00 | 1000.00 | 40.00 |
| * 97000.000 | 634.89 | 962.60 | 962.60 | 1000.00 | 1000.00 | 37.40 |
| * 97000.000 | 634.89 | 962.60 | 962.60 | 1000.00 | 1000.00 | 37.40 |
| 97050.000 | 637.53 | 51.83 | 460.00 | 481.00 | 612.11 | 560.28 |
| 97050.000 | 637.53 | 120.00 | 460.00 | 481.00 | 520.00 | 400.00 |
| 97425.000 | 637.74 | 59.04 | 460.00 | 481.00 | 607.31 | 548.27 |
| 97425.000 | 637.82 | 170.00 | 460.00 | 481.00 | 485.00 | 315.00 |
| 98000.000 | 638.76 | 63.74 | 460.00 | 481.00 | 604.17 | 540.43 |
| 98000.000 | 639.25 | 220.00 | 460.00 | 481.00 | 485.00 | 265.00 |
| 99105.000 | 643.26 | 83.92 | 270.00 | 291.00 | 589.12 | 505.20 |
| 99105.000 | 644.12 | 170.00 | 270.00 | 291.00 | 500.00 | 330.00 |
| 99800.000 | 645.60 | 73.28 | 270.00 | 291.00 | 605.08 | 531.81 |
| 99800.000 | 646.37 | 150.00 | 270.00 | 291.00 | 520.00 | 370.00 |
| 101000.000 | 646.92 | 100.42 | 280.00 | 301.00 | 869.17 | 768.75 |
| 101000.000 | 647.70 | 220.00 | 280.00 | 301.00 | 655.00 | 435.00 |
| 101400.000 | 647.15 | 100.26 | 280.00 | 301.00 | 869.48 | 769.22 |
| 101400.000 | 647.94 | 220.00 | 280.00 | 301.00 | 655.00 | 435.00 |
| 102500.000 | 648.04 | 138.59 | 233.00 | 249.00 | 332.66 | 194.07 |
| 102500.000 | 648.98 | 140.00 | 233.00 | 249.00 | 330.00 | 190.00 |
| 103650.000 | 654.82 | 61.38 | 115.00 | 135.00 | 482.79 | 421.41 |
| 103650.000 | 654.83 | 110.00 | 115.00 | 135.00 | 280.00 | 170.00 |
| 104860.000 | 658.13 | 47.49 | 85.00 | 115.00 | 165.63 | 118.14 |
| 104860.000 | 658.77 | 70.00 | 85.00 | 115.00 | 140.00 | 70.00 |

| SECNO | CWSEL | SSTA | STCHL | STCHR | ENDST | TOPWID |
|--------------|--------|--------|--------|--------|--------|--------|
| 105800.000 | 660.43 | 91.54 | 258.00 | 282.00 | 327.12 | 235.58 |
| 105800.000 | 661.08 | 175.00 | 258.00 | 282.00 | 295.00 | 120.00 |
| 106440.000 | 661.96 | 119.72 | 263.00 | 288.00 | 315.88 | 196.16 |
| 106440.000 | 662.57 | 178.00 | 263.00 | 288.00 | 290.00 | 112.00 |
| 106600.000 | 662.75 | 105.58 | 263.00 | 288.00 | 318.24 | 212.65 |
| 106600.000 | 663.38 | 175.00 | 263.00 | 288.00 | 290.00 | 115.00 |
| 107340.000 | 664.52 | 89.77 | 248.00 | 272.00 | 500.00 | 410.23 |
| 107340.000 | 665.23 | 210.00 | 248.00 | 272.00 | 400.00 | 190.00 |
| 107500.000 | 664.55 | 233.00 | 233.00 | 287.00 | 287.00 | 54.00 |
| 107500.000 | 665.34 | 233.00 | 233.00 | 287.00 | 287.00 | 54.00 |
| * 107520.000 | 666.40 | 233.00 | 233.00 | 287.00 | 287.00 | 54.00 |
| * 107520.000 | 666.40 | 233.00 | 233.00 | 287.00 | 287.00 | 54.00 |
| 107800.000 | 668.91 | 43.09 | 230.00 | 251.00 | 275.64 | 232.54 |
| 107800.000 | 668.95 | 110.00 | 230.00 | 251.00 | 255.00 | 145.00 |
| 108800.000 | 672.77 | 212.18 | 380.00 | 400.00 | 506.18 | 294.00 |
| 108800.000 | 673.65 | 315.00 | 380.00 | 400.00 | 445.00 | 130.00 |
| 110290.000 | 677.40 | 198.89 | 250.00 | 271.00 | 423.28 | 224.39 |
| 110290.000 | 678.10 | 245.00 | 250.00 | 271.00 | 355.00 | 110.00 |
| 111290.000 | 680.46 | 175.39 | 381.00 | 398.00 | 549.61 | 374.23 |
| 111290.000 | 681.27 | 290.00 | 381.00 | 398.00 | 445.00 | 155.00 |
| 112700.000 | 682.74 | 202.64 | 260.00 | 280.00 | 608.88 | 406.25 |
| 112700.000 | 683.58 | 255.00 | 260.00 | 280.00 | 475.00 | 220.00 |
| 113205.000 | 688.11 | 77.67 | 177.00 | 192.00 | 537.56 | 459.89 |
| 113205.000 | 688.83 | 175.00 | 177.00 | 192.00 | 370.00 | 195.00 |

SUMMARY OF ERRORS

CAUTION SECNO=96900.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO=96900.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=96900.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=96900.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO=96900.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

CAUTION SECNO=97000.000 PROFILE= 1 HYDRAULIC JUMP D.S.
CAUTION SECNO=97000.000 PROFILE= 2 HYDRAULIC JUMP D.S.

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

FLOODWAY DATA, WOLF ISLAND CR,
 PROFILE NO. 2

| STATION | FLOODWAY | | MEAN VELOCITY | WATER SURFACE ELEVATION | | |
|--------------|------------|--------------|---------------|-------------------------|------------------|------------|
| | WIDTH (FT) | SECTION AREA | | WITH FLOODWAY | WITHOUT FLOODWAY | DIFFERENCE |
| 94200.000 | 580. | 2341. | 2.0 | 627.2 | 626.6 | .6 |
| 94300.000 | 580. | 2456. | 1.9 | 627.5 | 626.9 | .6 |
| 94400.000 | 580. | 2540. | 1.8 | 627.7 | 627.1 | .6 |
| 94500.000 | 580. | 2621. | 1.8 | 628.0 | 627.4 | .6 |
| 95660.000 | 438. | 1890. | 2.4 | 631.3 | 630.9 | .4 |
| 96850.000 | 600. | 3238. | 1.3 | 633.6 | 633.0 | .6 |
| 96900.000 | 640. | 260. | 14.5 | 631.9 | 631.9 | 0.0 |
| 97000.000 | 37. | 317. | 11.9 | 634.9 | 634.9 | 0.0 |
| 97050.000 | 400. | 2542. | 1.5 | 637.5 | 637.5 | 0.0 |
| A 97425.000 | 315. | 1601. | 2.4 | 637.8 | 637.7 | .1 |
| 98000.000 | 265. | 1157. | 3.3 | 639.3 | 638.8 | .5 |
| B 99105.000 | 330. | 1190. | 3.2 | 644.2 | 643.3 642.0 | .9 1.0 |
| 99800.000 | 370. | 1806. | 2.1 | 646.4 | 645.6 | .8 |
| C 101000.000 | 435. | 2808. | 1.3 | 647.7 | 646.9 | .8 |
| 101400.000 | 435. | 2820. | 1.2 | 647.9 | 647.1 | .8 |
| D 102500.000 | 190. | 784. | 4.5 | 648.9 | 648.0 | .9 |
| E 103650.000 | 170. | 892. | 3.9 | 654.8 | 654.8 | 0.0 |
| F 104860.000 | 70. | 679. | 4.8 | 658.7 | 658.1 | .6 |
| G 105800.000 | 120. | 1054. | 3.1 | 661.1 | 660.4 | .7 |
| H 106440.000 | 112. | 714. | 4.5 | 662.6 | 662.0 | .6 |
| 106600.000 | 115. | 818. | 3.2 | 663.3 | 662.7 | .6 |
| I 107340.000 | 190. | 969. | 2.7 | 665.2 | 664.5 | .7 |
| 107500.000 | 54. | 373. | 7.1 | 665.4 | 664.6 | .8 |
| 107520.000 | 54. | 328. | 8.0 | 666.4 | 666.4 | 0.0 |
| J 107800.000 | 145. | 542. | 4.8 | 668.9 | 668.9 | 0.0 |
| K 108800.000 | 130. | 898. | 2.7 | 673.7 | 672.8 | .9 |
| L 110290.000 | 110. | 625. | 3.9 | 678.1 | 677.4 | .7 |
| M 11290.000 | 155. | 964. | 2.4 | 681.3 | 680.5 | .8 |
| N 112700.000 | 220. | 842. | 2.6 | 683.5 | 682.7 | .8 |
| O 113205.000 | 195. | 685. | 3.2 | 688.8 | 688.1 | .7 |