

72118

| LINE | ITEM                                                         | QTY   | UNIT | PRICE | AMOUNT | TAX  | TOTAL | DISC | NET  | GRAND TOTAL |
|------|--------------------------------------------------------------|-------|------|-------|--------|------|-------|------|------|-------------|
| 11   | LEON, WEST VIRGINIA FLOOD INSURANCE STUDY                    |       |      |       |        |      |       |      |      |             |
| 12   | THIRTEENMILE CREEK FROM MOUTH TO UPPER STUDY LIMIT (REV. RM) |       |      |       |        |      |       |      |      |             |
| 13   | THIRTEENMILE CREEK 10-YEAR PROFILE DETERMINATION RUN NO. 2   |       |      |       |        |      |       |      |      |             |
| 11   | CHECK                                                        | 1.000 |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 12   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 13   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 14   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 15   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 16   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 17   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 18   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 19   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 20   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 21   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 22   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 23   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 24   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 25   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 26   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 27   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 28   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 29   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 30   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 31   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 32   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 33   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 34   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 35   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 36   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 37   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 38   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 39   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 40   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 41   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 42   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 43   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 44   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 45   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 46   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 47   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 48   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 49   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 50   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 51   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 52   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 53   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 54   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 55   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 56   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 57   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 58   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 59   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 60   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 61   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 62   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 63   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 64   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 65   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 66   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 67   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 68   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 69   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 70   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 71   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 72   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 73   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 74   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 75   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 76   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 77   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 78   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 79   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 80   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 81   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 82   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 83   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 84   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 85   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 86   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 87   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 88   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 89   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 90   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 91   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 92   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 93   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 94   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 95   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 96   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 97   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 98   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 99   | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 100  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 101  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 102  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 103  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 104  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 105  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 106  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 107  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 108  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 109  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 110  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 111  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 112  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 113  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 114  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 115  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 116  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 117  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 118  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 119  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 120  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 121  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 122  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 123  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 124  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 125  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 126  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 127  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 128  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 129  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 130  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 131  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 132  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 133  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 134  | 1.000                                                        | 0.00  |      | 0.00  | 0.00   | 0.00 | 0.00  | 0.00 | 0.00 | 0.00        |
| 135  | 1.000                                                        | 0.00  |      |       |        |      |       |      |      |             |

|    |          |          |          |          |          |          |         |          |         |          |     |
|----|----------|----------|----------|----------|----------|----------|---------|----------|---------|----------|-----|
| X1 | 0.038    | 25.000   | 1394.000 | 1290.000 | 48.000   | 48.000   | 36.000  | 0.0      | 0.0     | 0.0      | 0.0 |
| X2 | 0.0      | 0.0      | 1.000    | 568.410  | 571.280  | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      | 0.0 |
| X3 | 0.0      | 0.0      | 0.0      | 1302.000 | 571.530  | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      | 0.0 |
| AT | 9.000    | 1048.000 | 573.730  | 0.0      | 1582.000 | 572.610  | 0.0     | 0.0      | 0.0     | 0.0      | 0.0 |
| BT | 1348.000 | 571.630  | 0.0      | 1448.000 | 571.830  | 0.0      | 0.0     | 1248.000 | 571.260 | 0.0      | 0.0 |
| BT | 173.430  | 0.0      | 1748.000 | 576.030  | 0.0      | 1548.000 | 581.330 | 572.430  | 0.0     | 1648.000 | 0.0 |
| GR | 520.000  | 1000.000 | 570.750  | 1040.000 | 568.330  | 1140.000 | 565.930 | 1309.000 | 558.430 | 1333.000 | 0.0 |
| GR | 540.530  | 1455.000 | 547.430  | 1373.000 | 542.630  | 1391.000 | 541.330 | 1398.000 | 559.330 | 1400.000 | 0.0 |
| GR | 535.030  | 1409.000 | 531.830  | 1419.000 | 527.530  | 1449.000 | 533.730 | 1479.000 | 537.330 | 1479.000 | 0.0 |
| GR | 539.530  | 1484.000 | 542.630  | 1440.000 | 545.230  | 1502.000 | 546.030 | 1505.000 | 548.530 | 1521.000 | 0.0 |
| GR | 556.230  | 1539.000 | 567.430  | 1569.000 | 570.430  | 1587.000 | 575.130 | 1647.000 | 581.230 | 1740.000 | 0.0 |
| NC | 0.045    | 0.045    | 0.035    | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      | 0.0 |

|    |         |          |          |          |         |          |         |          |         |          |     |
|----|---------|----------|----------|----------|---------|----------|---------|----------|---------|----------|-----|
| X1 | 0.049   | 14.000   | 1396.000 | 1499.000 | 57.600  | 47.000   | 50.000  | 0.0      | 0.0     | 0.0      | 0.0 |
| GR | 580.000 | 1000.000 | 570.730  | 1040.000 | 568.330 | 1140.000 | 564.230 | 1235.000 | 558.630 | 1248.000 | 0.0 |
| GR | 557.730 | 1370.000 | 552.130  | 1356.000 | 542.230 | 1396.000 | 539.330 | 1400.000 | 535.330 | 1405.000 | 0.0 |
| GR | 527.500 | 1434.000 | 527.500  | 1445.000 | 534.230 | 1480.000 | 539.330 | 1484.000 | 546.230 | 1499.000 | 0.0 |
| GR | 564.230 | 1534.000 | 573.130  | 1548.000 | 575.130 | 1647.000 | 581.230 | 1740.000 | 586.230 | 1849.000 | 0.0 |
| NC | 0.100   | 0.090    | 0.035    | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      | 0.0     | 0.0      | 0.0 |

|    |         |          |          |          |         |          |          |          |         |          |     |
|----|---------|----------|----------|----------|---------|----------|----------|----------|---------|----------|-----|
| X1 | 0.242   | 23.000   | 1572.000 | 1684.000 | 965.000 | 1090.10  | 1023.000 | 0.0      | 0.0     | 0.0      | 0.0 |
| GR | 580.000 | 1000.000 | 572.550  | 1090.000 | 566.050 | 1190.000 | 564.350  | 1290.000 | 564.350 | 1390.000 | 0.0 |
| GR | 564.350 | 1494.000 | 563.450  | 1505.000 | 546.050 | 1537.000 | 543.050  | 1572.000 | 539.250 | 1578.000 | 0.0 |
| GR | 537.250 | 1582.000 | 526.800  | 1612.000 | 526.800 | 1623.000 | 537.750  | 1675.000 | 539.250 | 1679.000 | 0.0 |
| GR | 543.450 | 1684.000 | 546.850  | 1695.000 | 531.350 | 1741.000 | 554.150  | 1767.000 | 562.350 | 1779.000 | 0.0 |
| GR | 563.250 | 1818.000 | 572.350  | 1832.000 | 600.000 | 1880.000 | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| NC | 0.090   | 0.100    | 0.035    | 0.0      | 0.0     | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |

|    |         |          |          |          |         |          |          |          |         |          |     |
|----|---------|----------|----------|----------|---------|----------|----------|----------|---------|----------|-----|
| X1 | 0.434   | 18.000   | 1560.000 | 1694.000 | 805.000 | 1105.000 | 1014.000 | 0.0      | 0.0     | 0.0      | 0.0 |
| GR | 580.000 | 1000.000 | 572.820  | 1250.000 | 572.820 | 1350.000 | 566.620  | 1365.000 | 561.520 | 1450.000 | 0.0 |
| GR | 558.820 | 1494.000 | 555.120  | 1520.000 | 548.520 | 1550.000 | 541.420  | 1580.000 | 539.420 | 1586.000 | 0.0 |
| GR | 536.420 | 1590.000 | 526.000  | 1620.000 | 526.000 | 1655.000 | 537.220  | 1680.000 | 539.420 | 1688.000 | 0.0 |
| GR | 534.020 | 1698.000 | 549.320  | 1758.000 | 570.820 | 1811.000 | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| NC | 0.090   | 0.100    | 0.040    | 0.0      | 0.0     | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |

|    |         |          |          |          |         |          |          |          |         |          |     |
|----|---------|----------|----------|----------|---------|----------|----------|----------|---------|----------|-----|
| X1 | 0.624   | 15.000   | 1155.000 | 1258.000 | 966.000 | 1021.000 | 1003.000 | 0.0      | 0.0     | 0.0      | 0.0 |
| GR | 580.000 | 1000.000 | 564.600  | 1020.000 | 564.200 | 1060.000 | 547.600  | 1121.000 | 543.700 | 1155.000 | 0.0 |
| GR | 538.500 | 1161.000 | 534.600  | 1164.000 | 525.200 | 1194.000 | 525.200  | 1219.000 | 535.600 | 124.000  | 0.0 |
| GR | 544.500 | 1252.000 | 544.100  | 1252.000 | 531.600 | 1306.000 | 572.600  | 1356.000 | 577.400 | 137.000  | 0.0 |
| GR | 540.400 | 1390.000 | 0.0      | 0.0      | 0.0     | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |
| NC | 0.100   | 0.100    | 0.040    | 0.0      | 0.0     | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      | 0.0 |

|    |         |          |          |          |         |          |          |          |         |          |     |
|----|---------|----------|----------|----------|---------|----------|----------|----------|---------|----------|-----|
| X1 | 0.643   | 24.000   | 1159.000 | 1248.000 | 69.000  | 149.000  | 100.000  | 0.0      | 0.0     | 0.0      | 0.0 |
| X3 | 0.0     | 0.0      | 0.0      | 1042.000 | 362.000 | 1256.000 | 561.200  | 0.0      | 0.0     | 0.0      | 0.0 |
| GR | 580.000 | 1000.000 | 564.600  | 1020.000 | 564.200 | 1060.000 | 547.600  | 1121.000 | 543.700 | 1155.000 | 0.0 |
| GR | 547.100 | 1138.000 | 545.100  | 1145.000 | 543.200 | 1159.000 | 538.500  | 1161.000 | 532.500 | 1168.000 | 0.0 |
| GR | 526.800 | 1185.000 | 525.100  | 1205.000 | 525.100 | 1215.000 | 535.400  | 1222.000 | 535.600 | 1235.000 | 0.0 |
| GR | 534.500 | 1245.000 | 542.200  | 1248.000 | 546.600 | 1265.000 | 548.100  | 1275.000 | 550.700 | 1295.000 | 0.0 |
| GR | 533.400 | 1309.000 | 572.600  | 1356.000 | 577.400 | 1372.000 | 580.800  | 1390.000 | 586.800 | 1429.000 | 0.0 |
| NC | 1.200   | 1.186    | 2.600    | 0.0      | 25.170  | 1.630    | 3830.000 | 2.360    | 525.100 | 525.100  | 0.0 |

|    |          |         |          |          |          |          |         |          |         |     |          |
|----|----------|---------|----------|----------|----------|----------|---------|----------|---------|-----|----------|
| X1 | 0.645    | 25.000  | 1086.000 | 1175.000 | 14.000   | 14.000   | 14.000  | 0.0      | 0.0     | 0.0 | 0.0      |
| X2 | 0.0      | 0.0     | 1.000    | 560.580  | 561.200  | 0.0      | 0.0     | 0.0      | 0.0     | 0.0 | 0.0      |
| X3 | 0.0      | 0.0     | 0.0      | 1042.000 | 562.000  | 1236.000 | 561.200 | 0.0      | 0.0     | 0.0 | 0.0      |
| AT | 7.000    | 942.000 | 565.800  | 0.0      | 1010.000 | 568.000  | 0.0     | 1039.000 | 562.100 | 0.0 | 0.0      |
| AT | 1139.000 | 561.600 | 0.0      | 1239.000 | 561.200  | 0.0      | 0.0     | 1314.000 | 566.500 | 0.0 | 1363.000 |

|    |         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  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    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
|----|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----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| AT | 573.600 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0. |
|----|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----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# SUMMARY PRINTOUT FOR MULTIPLE PROFILES

## THIRTEENMILE CREEK 500-Y

| SECTION NUMBER | CHANNEL LENGTH | MIN EL OF ROADWAY | MAX EL OF LOW CHORD | MIN EL OF GROUND | DISCHARGE CFS | CWSEL  | TOPAID | VOL    | DEPTH | HV   | QLOS   | QROH   |
|----------------|----------------|-------------------|---------------------|------------------|---------------|--------|--------|--------|-------|------|--------|--------|
| 0.01           | 0.0            | 0.0               | 0.0                 | 516.41           | 5910.00       | 541.92 | 110.59 | 0.0    | 25.51 | 0.26 | 0.0    | 0.0    |
| 0.01           | 0.0            | 0.0               | 0.0                 | 516.41           | 7940.00       | 545.00 | 123.76 | 0.0    | 28.59 | 0.30 | 0.0    | 0.0    |
| 0.01           | 0.0            | 0.0               | 0.0                 | 516.41           | 9010.00       | 546.40 | 129.73 | 0.0    | 29.99 | 0.32 | 0.0    | 0.0    |
| 0.01           | 0.0            | 0.0               | 0.0                 | 516.41           | 11120.00      | 548.64 | 140.53 | 0.0    | 32.23 | 0.37 | 1.31   | 0.0    |
| 0.02           | 48.00          | 0.0               | 0.0                 | 516.41           | 5910.00       | 541.93 | 110.64 | 1.61   | 25.52 | 0.25 | 0.0    | 0.0    |
| 0.02           | 48.00          | 0.0               | 0.0                 | 516.41           | 7940.00       | 545.01 | 123.80 | 2.00   | 28.60 | 0.30 | 0.0    | 0.0    |
| 0.02           | 48.00          | 0.0               | 0.0                 | 516.41           | 9010.00       | 546.41 | 129.77 | 2.20   | 30.00 | 0.32 | 0.0    | 0.0    |
| 0.02           | 48.00          | 0.0               | 0.0                 | 516.41           | 11120.00      | 548.65 | 140.37 | 2.53   | 32.24 | 0.37 | 4.36   | 0.0    |
| 0.02           | 11.00          | 572.07            | 563.60              | 517.16           | 5910.00       | 542.00 | 110.92 | 1.97   | 24.84 | 0.27 | 0.0    | 0.0    |
| 0.02           | 11.00          | 572.07            | 563.60              | 517.16           | 7940.00       | 545.08 | 124.11 | 2.46   | 27.92 | 0.31 | 0.0    | 0.0    |
| 0.02           | 11.00          | 572.07            | 563.60              | 517.16           | 9010.00       | 546.48 | 130.09 | 2.70   | 29.32 | 0.33 | 0.0    | 0.0    |
| 0.02           | 11.00          | 572.07            | 563.60              | 517.16           | 11120.00      | 548.73 | 140.77 | 3.11   | 31.57 | 0.37 | 4.94   | 0.0    |
| 0.03           | 58.00          | 0.0               | 0.0                 | 525.09           | 5910.00       | 541.73 | 95.19  | 3.51   | 16.64 | 0.68 | 0.06   | 0.0    |
| 0.03           | 58.00          | 0.0               | 0.0                 | 525.09           | 7940.00       | 544.64 | 117.08 | 4.46   | 19.75 | 0.68 | 22.28  | 11.56  |
| 0.03           | 58.00          | 0.0               | 0.0                 | 525.09           | 9010.00       | 546.24 | 128.74 | 4.94   | 21.16 | 0.69 | 56.73  | 45.07  |
| 0.03           | 58.00          | 0.0               | 0.0                 | 525.09           | 11120.00      | 548.50 | 156.97 | 5.76   | 23.41 | 0.74 | 170.92 | 161.90 |
| 0.04           | 36.00          | 571.28            | 568.81              | 527.53           | 5910.00       | 541.66 | 95.35  | 4.19   | 14.33 | 0.97 | 0.16   | 0.0    |
| 0.04           | 36.00          | 571.28            | 568.81              | 527.53           | 7940.00       | 544.94 | 117.90 | 5.41   | 17.41 | 0.89 | 29.75  | 15.94  |
| 0.04           | 36.00          | 571.28            | 568.81              | 527.53           | 9010.00       | 546.33 | 129.66 | 6.04   | 18.80 | 0.87 | 71.91  | 58.05  |
| 0.04           | 36.00          | 571.28            | 568.81              | 527.53           | 11120.00      | 548.58 | 158.01 | 7.16   | 21.05 | 0.89 | 206.78 | 196.43 |
| 0.05           | 50.00          | 0.0               | 0.0                 | 527.50           | 5910.00       | 542.33 | 94.91  | 5.16   | 14.83 | 0.61 | 0.00   | 0.0    |
| 0.05           | 50.00          | 0.0               | 0.0                 | 527.50           | 7940.00       | 545.26 | 112.76 | 6.75   | 17.76 | 0.64 | 23.03  | 0.0    |
| 0.05           | 50.00          | 0.0               | 0.0                 | 527.50           | 9010.00       | 546.61 | 120.94 | 7.57   | 19.11 | 0.66 | 59.32  | 0.04   |
| 0.05           | 50.00          | 0.0               | 0.0                 | 527.50           | 11120.00      | 548.81 | 133.80 | 9.04   | 21.31 | 0.72 | 165.95 | 6.39   |
| 0.24           | 1023.00        | 0.0               | 0.0                 | 526.80           | 5910.00       | 543.43 | 116.66 | 29.99  | 16.63 | 0.40 | 0.10   | 0.00   |
| 0.24           | 1023.00        | 0.0               | 0.0                 | 526.80           | 7940.00       | 546.18 | 156.96 | 39.55  | 19.38 | 0.44 | 27.47  | 6.52   |
| 0.24           | 1023.00        | 0.0               | 0.0                 | 526.80           | 9010.00       | 547.48 | 168.03 | 44.68  | 20.68 | 0.46 | 70.98  | 18.90  |
| 0.24           | 1023.00        | 0.0               | 0.0                 | 526.80           | 11120.00      | 549.63 | 193.44 | 53.94  | 22.43 | 0.52 | 175.52 | 69.67  |
| 0.43           | 1014.00        | 0.0               | 0.0                 | 526.00           | 5910.00       | 544.07 | 157.00 | 62.78  | 18.07 | 0.24 | 0.0    | 158.03 |
| 0.43           | 1014.00        | 0.0               | 0.0                 | 526.00           | 7940.00       | 546.77 | 185.19 | 82.05  | 20.77 | 0.29 | 6.58   | 284.30 |
| 0.43           | 1014.00        | 0.0               | 0.0                 | 526.00           | 9010.00       | 548.05 | 199.58 | 92.40  | 22.05 | 0.31 | 20.62  | 360.55 |
| 0.43           | 1014.00        | 0.0               | 0.0                 | 526.00           | 11120.00      | 550.20 | 217.78 | 111.23 | 24.20 | 0.35 | 77.91  | 537.98 |
| 0.62           | 1003.00        | 0.0               | 0.0                 | 525.20           | 5910.00       | 544.44 | 111.67 | 97.91  | 19.24 | 0.27 | 0.43   | 0.04   |
| 0.62           | 1003.00        | 0.0               | 0.0                 | 525.20           | 7940.00       | 547.10 | 151.89 | 126.51 | 21.90 | 0.34 | 24.55  | 11.58  |
| 0.62           | 1003.00        | 0.0               | 0.0                 | 525.20           | 9010.00       | 548.37 | 166.21 | 142.01 | 23.17 | 0.37 | 61.35  | 29.47  |
| 0.62           | 1003.00        | 0.0               | 0.0                 | 525.20           | 11120.00      | 550.50 | 185.11 | 170.31 | 25.30 | 0.43 | 166.27 | 87.46  |
| 0.64           | 100.00         | 0.0               | 0.0                 | 525.10           | 5910.00       | 544.38 | 65.69  | 100.81 | 19.28 | 0.44 | 1.52   | 0.0    |
| 0.64           | 100.00         | 0.0               | 0.0                 | 525.10           | 7940.00       | 547.00 | 97.66  | 130.08 | 21.90 | 0.56 | 37.34  | 0.0    |
| 0.64           | 100.00         | 0.0               | 0.0                 | 525.10           | 9010.00       | 548.25 | 99.67  | 145.95 | 23.15 | 0.62 | 75.40  | 0.0    |
| 0.64           | 100.00         | 0.0               | 0.0                 | 525.10           | 11120.00      | 550.54 | 102.70 | 174.91 | 25.24 | 0.75 | 171.37 | 0.0    |

| SECTION NUMBER | CHANNEL LENGTH | MIN EL OF ROADWAY | MAX EL OF LOW CHORD     | MIN EL OF GROUND        | DISCHARGE ACFS | CASEL     | CASEL DIFF EACH SECTION | CASEL DIFF CASEL-WESELY | TOPWID | VOL    | DEPTH | HV   | OLDH   | GROR   |
|----------------|----------------|-------------------|-------------------------|-------------------------|----------------|-----------|-------------------------|-------------------------|--------|--------|-------|------|--------|--------|
| 0.64           | 14.00          | 561.20            | 560.58                  | 525.10                  | 5910.00        | 544.40    | 0.0                     | 0.0                     | 106.36 | 101.19 | 19.30 | 0.59 | 1.48   | 3.85   |
| 0.64           | 14.00          | 561.20            | 560.58                  | 525.10                  | 7940.00        | 547.03    | 0.0                     | 0.0                     | 129.62 | 130.54 | 21.93 | 0.48 | 33.90  | 32.45  |
| 0.64           | 14.00          | 561.20            | 560.58                  | 525.10                  | 9010.00        | 548.28    | 0.0                     | 0.0                     | 140.08 | 146.45 | 23.18 | 0.52 | 66.89  | 64.83  |
| 0.64           | 14.00          | 561.20            | 560.58                  | 525.10                  | 11120.00       | 550.37    | 0.0                     | 0.0                     | 159.22 | 175.50 | 25.27 | 0.60 | 146.92 | 159.38 |
| 0.66           | 98.00          | 0.0               | 0.0                     | 525.00                  | 5910.00        | 544.64    | 0.0                     | 0.0                     | 125.95 | 104.25 | 19.64 | 0.24 | 4.06   | 4.75   |
| 0.66           | 98.00          | 0.0               | 0.0                     | 525.00                  | 7940.00        | 547.33    | 0.0                     | 0.0                     | 148.11 | 134.32 | 22.33 | 0.30 | 26.91  | 44.57  |
| 0.66           | 98.00          | 0.0               | 0.0                     | 525.00                  | 9010.00        | 548.61    | 0.0                     | 0.0                     | 158.65 | 150.63 | 23.61 | 0.33 | 45.38  | 84.36  |
| 0.66           | 98.00          | 0.0               | 0.0                     | 525.00                  | 11120.00       | 550.76    | 0.0                     | 0.0                     | 176.44 | 180.37 | 25.76 | 0.39 | 90.31  | 193.83 |
| 0.86           | 1030.00        | 0.0               | 0.0                     | 525.20                  | 5910.00        | 545.03    | 0.0                     | 0.0                     | 140.33 | 137.46 | 19.83 | 0.36 | 31.75  | 6.89   |
| 0.86           | 1030.00        | 0.0               | 0.0                     | 525.20                  | 7940.00        | 547.71    | 0.0                     | 0.0                     | 222.43 | 177.63 | 22.51 | 0.42 | 136.33 | 115.39 |
| 0.86           | 1030.00        | 0.0               | 0.0                     | 525.20                  | 9010.00        | 548.98    | 0.0                     | 0.0                     | 252.19 | 199.84 | 23.78 | 0.44 | 208.41 | 265.11 |
| 0.86           | 1030.00        | 0.0               | 0.0                     | 525.20                  | 11120.00       | 551.16    | 0.0                     | 0.0                     | 267.87 | 240.51 | 25.96 | 0.46 | 365.97 | 681.18 |
| 1.10           | 1283.00        | 0.0               | 0.0                     | 525.50                  | 5910.00        | 545.71    | 0.0                     | 0.0                     | 180.32 | 181.86 | 20.21 | 0.21 | 39.34  | 22.82  |
| 1.10           | 1283.00        | 0.0               | 0.0                     | 525.50                  | 7940.00        | 546.39    | 0.0                     | 0.0                     | 196.95 | 234.65 | 22.89 | 0.26 | 145.63 | 109.53 |
| 1.10           | 1283.00        | 0.0               | 0.0                     | 525.50                  | 9010.00        | 547.65    | 0.0                     | 0.0                     | 204.78 | 267.14 | 24.16 | 0.28 | 218.18 | 169.20 |
| 1.10           | 1283.00        | 0.0               | 0.0                     | 525.50                  | 11120.00       | 551.81    | 0.0                     | 0.0                     | 218.11 | 322.93 | 26.31 | 0.32 | 381.13 | 301.13 |
| SECTION NUMBER | DISCHARGE CFS  | CASEL             | CASEL DIFF EACH SECTION | CASEL DIFF CASEL-WESELY | TOPWID         | T.W. DIFF | LENGTH                  |                         |        |        |       |      |        |        |
| 0.010          | 5910.000       | 541.921           | 0.0                     | 0.0                     | 110.593        | 0.0       | 0.0                     |                         |        |        |       |      |        |        |
| 0.010          | 7940.000       | 545.080           | 3.079                   | 0.0                     | 123.759        | -13.164   | 0.0                     |                         |        |        |       |      |        |        |
| 0.010          | 9010.000       | 546.396           | 1.396                   | 0.0                     | 129.729        | -19.136   | 0.0                     |                         |        |        |       |      |        |        |
| 0.010          | 11120.000      | 548.641           | 2.245                   | 0.0                     | 140.327        | -29.734   | 0.0                     |                         |        |        |       |      |        |        |
| 0.019          | 5910.000       | 541.933           | 0.0                     | 0.0                     | 110.635        | 0.0       | 48.000                  |                         |        |        |       |      |        |        |
| 0.019          | 7940.000       | 545.012           | 3.079                   | 0.0                     | 123.801        | -13.166   | 48.000                  |                         |        |        |       |      |        |        |
| 0.019          | 9010.000       | 546.408           | 1.396                   | 0.0                     | 137.771        | -19.136   | 48.000                  |                         |        |        |       |      |        |        |
| 0.019          | 11120.000      | 548.653           | 2.245                   | 0.0                     | 140.374        | -29.739   | 48.000                  |                         |        |        |       |      |        |        |
| 0.021          | 5910.000       | 541.998           | 0.0                     | 0.0                     | 110.923        | 0.0       | 11.000                  |                         |        |        |       |      |        |        |
| 0.021          | 7940.000       | 545.062           | 3.084                   | 0.0                     | 124.111        | -13.188   | 11.000                  |                         |        |        |       |      |        |        |
| 0.021          | 9010.000       | 546.461           | 1.399                   | 0.0                     | 130.092        | -19.169   | 11.000                  |                         |        |        |       |      |        |        |
| 0.021          | 11120.000      | 548.733           | 2.253                   | 0.0                     | 140.769        | -29.846   | 11.000                  |                         |        |        |       |      |        |        |
| 0.032          | 5910.000       | 541.734           | 0.0                     | 0.0                     | 95.185         | 0.0       | 58.000                  |                         |        |        |       |      |        |        |
| 0.032          | 7940.000       | 544.841           | 3.107                   | -0.241                  | 117.083        | -21.898   | 58.000                  |                         |        |        |       |      |        |        |
| 0.032          | 9010.000       | 546.245           | 1.403                   | -0.236                  | 128.744        | -33.559   | 58.000                  |                         |        |        |       |      |        |        |
| 0.032          | 11120.000      | 548.498           | 2.254                   | -0.235                  | 156.965        | -61.780   | 58.000                  |                         |        |        |       |      |        |        |
| 0.038          | 5910.000       | 541.856           | 0.0                     | 0.122                   | 95.647         | 0.0       | 36.000                  |                         |        |        |       |      |        |        |
| 0.038          | 7940.000       | 544.937           | 3.081                   | 0.096                   | 117.857        | -22.250   | 36.000                  |                         |        |        |       |      |        |        |
| 0.038          | 9010.000       | 546.334           | 1.397                   | 0.069                   | 129.662        | -34.015   | 36.000                  |                         |        |        |       |      |        |        |
| 0.038          | 11120.000      | 548.583           | 2.249                   | 0.045                   | 158.012        | -62.365   | 36.000                  |                         |        |        |       |      |        |        |
| 0.042          | 5910.000       | 542.326           | 0.0                     | 0.470                   | 94.905         | 0.0       | 50.000                  |                         |        |        |       |      |        |        |
| 0.042          | 7940.000       | 545.256           | 2.930                   | 0.310                   | 112.755        | -17.850   | 50.000                  |                         |        |        |       |      |        |        |
| 0.042          | 9010.000       | 546.612           | 1.356                   | 0.278                   | 120.936        | -26.031   | 50.000                  |                         |        |        |       |      |        |        |
| 0.042          | 11120.000      | 548.866           | 2.194                   | 0.223                   | 133.803        | -38.898   | 50.000                  |                         |        |        |       |      |        |        |
| 0.242          | 5910.000       | 543.427           | 0.0                     | 1.101                   | 116.658        | 0.0       | 1023.000                |                         |        |        |       |      |        |        |
| 0.242          | 7940.000       | 546.183           | 2.756                   | 0.921                   | 156.958        | -40.300   | 1023.000                |                         |        |        |       |      |        |        |
| 0.242          | 9010.000       | 547.483           | 1.301                   | 0.871                   | 168.029        | -51.571   | 1023.000                |                         |        |        |       |      |        |        |
| 0.242          | 11120.000      | 549.634           | 2.151                   | 0.828                   | 193.037        | -76.779   | 1023.000                |                         |        |        |       |      |        |        |
| 0.434          | 5910.000       | 544.071           | 0.0                     | 0.645                   | 156.999        | 0.0       | 1014.000                |                         |        |        |       |      |        |        |
| 0.434          | 7940.000       | 546.769           | 2.698                   | 0.567                   | 185.140        | -28.191   | 1014.000                |                         |        |        |       |      |        |        |

|       |           |         |       |        |     |         |          |          |
|-------|-----------|---------|-------|--------|-----|---------|----------|----------|
| 0.434 | 9010.000  | 548.049 | 1.280 | 0.566  | 0.0 | 199.579 | -42.580  | 1014.000 |
| 0.434 | 11120.000 | 550.196 | 2.146 | 0.562  | 0.0 | 217.777 | -60.777  | 1014.000 |
| 0.624 | 5910.000  | 544.442 | 0.0   | 0.371  | 0.0 | 111.664 | 0.0      | 1003.000 |
| 0.624 | 7940.000  | 547.102 | 2.660 | 0.333  | 0.0 | 151.689 | -40.221  | 1003.000 |
| 0.624 | 9010.000  | 548.367 | 1.265 | 0.318  | 0.0 | 166.213 | -54.545  | 1003.000 |
| 0.624 | 11120.000 | 550.498 | 2.150 | 0.302  | 0.0 | 185.111 | -71.443  | 1003.000 |
| 0.643 | 5910.000  | 544.379 | 0.0   | -0.063 | 0.0 | 85.695  | 0.0      | 100.000  |
| 0.643 | 7940.000  | 547.003 | 2.624 | -0.099 | 0.0 | 97.661  | -11.966  | 100.000  |
| 0.643 | 9010.000  | 548.248 | 1.246 | -0.119 | 0.0 | 99.667  | -13.973  | 100.000  |
| 0.643 | 11120.000 | 550.337 | 2.088 | -0.161 | 0.0 | 102.698 | -17.003  | 100.000  |
| 0.645 | 5910.000  | 544.061 | 0.0   | 0.022  | 0.0 | 106.354 | 0.0      | 14.000   |
| 0.645 | 7940.000  | 547.030 | 2.624 | 0.027  | 0.0 | 129.623 | -23.259  | 14.000   |
| 0.645 | 9010.000  | 548.277 | 1.248 | 0.029  | 0.0 | 140.079 | -33.715  | 14.000   |
| 0.645 | 11120.000 | 550.370 | 2.093 | 0.034  | 0.0 | 159.217 | -52.853  | 14.000   |
| 0.664 | 5910.000  | 544.644 | 0.0   | 0.242  | 0.0 | 125.948 | 0.0      | 98.000   |
| 0.664 | 7940.000  | 547.329 | 2.646 | 0.360  | 0.0 | 144.106 | -22.159  | 98.000   |
| 0.664 | 9010.000  | 548.606 | 1.277 | 0.329  | 0.0 | 158.646 | -32.698  | 98.000   |
| 0.664 | 11120.000 | 550.764 | 2.158 | 0.394  | 0.0 | 176.440 | -50.493  | 98.000   |
| 0.859 | 5910.000  | 545.051 | 0.0   | 0.387  | 0.0 | 140.327 | 0.0      | 1030.000 |
| 0.859 | 7940.000  | 547.706 | 2.676 | 0.377  | 0.0 | 222.435 | -82.107  | 1030.000 |
| 0.859 | 9010.000  | 548.984 | 1.278 | 0.376  | 0.0 | 252.193 | -111.865 | 1030.000 |
| 0.859 | 11120.000 | 551.150 | 2.176 | 0.396  | 0.0 | 267.885 | -127.538 | 1030.000 |
| 1.102 | 5910.000  | 545.708 | 0.0   | 0.677  | 0.0 | 180.322 | 0.0      | 1283.000 |
| 1.102 | 7940.000  | 548.391 | 2.682 | 0.664  | 0.0 | 196.946 | -16.524  | 1283.000 |
| 1.102 | 9010.000  | 549.655 | 1.264 | 0.671  | 0.0 | 204.778 | -24.454  | 1283.000 |
| 1.102 | 11120.000 | 551.806 | 2.151 | 0.646  | 0.0 | 216.112 | -37.790  | 1283.000 |

DATA FOR LAST CROSS SECTION  
PROFILE TYPE ENC

TARGET TOP WIDTH TOP WIDTH  
AREA-ACRES AREA-DIFF

|   |     |     |        |       |
|---|-----|-----|--------|-------|
| 1 | 0.0 | 0.0 | 17.641 | 0.0   |
| 2 | 0.0 | 0.0 | 22.668 | 5.047 |
| 3 | 0.0 | 0.0 | 24.645 | 7.004 |
| 4 | 0.0 | 0.0 | 27.000 | 6.354 |

|       |           |         |       |        |     |         |          |          |
|-------|-----------|---------|-------|--------|-----|---------|----------|----------|
| 0.454 | 9010.000  | 548.049 | 1.280 | 0.566  | 0.0 | 198.579 | -42.560  | 1014.000 |
| 0.434 | 11120.000 | 550.196 | 2.146 | 0.562  | 0.0 | 217.777 | -60.777  | 1014.000 |
| 0.624 | 5910.000  | 548.442 | 0.0   | 0.371  | 0.0 | 111.668 | 0.0      | 1003.000 |
| 0.624 | 7940.000  | 547.102 | 2.660 | 0.333  | 0.0 | 151.689 | -40.221  | 1003.000 |
| 0.624 | 9010.000  | 548.367 | 1.265 | 0.318  | 0.0 | 156.213 | -54.545  | 1003.000 |
| 0.624 | 11120.000 | 550.498 | 2.130 | 0.302  | 0.0 | 185.111 | -73.443  | 1003.000 |
| 0.643 | 5910.000  | 544.379 | 0.0   | -0.663 | 0.0 | 85.695  | 0.0      | 100.000  |
| 0.643 | 7940.000  | 547.003 | 2.624 | -0.199 | 0.0 | 97.661  | -11.966  | 100.000  |
| 0.643 | 9010.000  | 548.248 | 1.246 | -0.119 | 0.0 | 99.667  | -13.973  | 100.000  |
| 0.643 | 11120.000 | 550.337 | 2.088 | -0.161 | 0.0 | 102.698 | -17.003  | 100.000  |
| 0.645 | 5910.000  | 544.401 | 0.0   | 0.022  | 0.0 | 106.364 | 0.0      | 14.000   |
| 0.645 | 7940.000  | 547.030 | 2.628 | 0.027  | 0.0 | 129.623 | -23.259  | 14.000   |
| 0.645 | 9010.000  | 548.277 | 1.248 | 0.029  | 0.0 | 140.079 | -33.715  | 14.000   |
| 0.645 | 11120.000 | 550.370 | 2.093 | 0.034  | 0.0 | 159.217 | -52.853  | 14.000   |
| 0.654 | 5910.000  | 544.644 | 0.0   | 0.242  | 0.0 | 125.948 | 0.0      | 98.000   |
| 0.654 | 7940.000  | 547.329 | 2.686 | 0.306  | 0.0 | 148.106 | -22.159  | 98.000   |
| 0.654 | 9010.000  | 548.606 | 1.277 | 0.329  | 0.0 | 158.646 | -32.698  | 98.000   |
| 0.664 | 11120.000 | 550.764 | 2.158 | 0.394  | 0.0 | 176.440 | -50.493  | 98.000   |
| 0.859 | 5910.000  | 545.051 | 0.0   | 0.387  | 0.0 | 140.327 | 0.0      | 1030.000 |
| 0.859 | 7940.000  | 547.706 | 2.676 | 0.377  | 0.0 | 222.435 | -82.107  | 1030.000 |
| 0.859 | 9010.000  | 548.984 | 1.278 | 0.378  | 0.0 | 252.193 | -111.865 | 1030.000 |
| 0.859 | 11120.000 | 551.160 | 2.176 | 0.396  | 0.0 | 267.865 | -127.538 | 1030.000 |
| 1.102 | 5910.000  | 545.708 | 0.0   | 0.677  | 0.0 | 180.322 | 0.0      | 1283.000 |
| 1.102 | 7940.000  | 548.391 | 2.682 | 0.684  | 0.0 | 136.946 | -16.624  | 1283.000 |
| 1.102 | 9010.000  | 549.655 | 1.264 | 0.671  | 0.0 | 204.778 | -24.456  | 1283.000 |
| 1.102 | 11120.000 | 551.806 | 2.151 | 0.646  | 0.0 | 218.112 | -37.790  | 1283.000 |

DATA FOR LAST CROSS SECTION

| PROFILE | TYPE | ENC | TARGET | TOP WIDTH<br>AREA-ACRES | TOP WIDTH<br>AREA-DIFF |
|---------|------|-----|--------|-------------------------|------------------------|
| 1       | 0.0  | 0.0 | 17.641 | 0.0                     |                        |
| 2       | 0.0  | 0.0 | 22.688 | 5.047                   |                        |
| 3       | 0.0  | 0.0 | 24.645 | 7.604                   |                        |
| 4       | 0.0  | 0.0 | 27.000 | 9.359                   |                        |



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 HEC2 VERSION UPDATED AUG 1976  
 ERROR CORRECTIONS 01,02,03,04,05,06,07,08,09,10  
 MODIFICATIONS 52,53,54,55,56,57,58,59  
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11 LEON, WEST VIRGINIA FLOOD INSURANCE STUDY  
 12 THIRTEENMILE CREEK FROM MOUTH TO UPPER STUDY LIMIT (REV. RM)  
 13 THIRTEENMILE CREEK FLOODWAY DETERMINATION RUN NO. 4

Floodway

| J1 | ICHECK | IMG   | NIVW   | ICIR  | SIPI  | WETRIC | HVINS | Q   | WSEL  | FU    |
|----|--------|-------|--------|-------|-------|--------|-------|-----|-------|-------|
| J2 | KPRDF  | IPLOT | PRFVS  | XSECV | XSECH | FN     | ALDLC | IRW | CHNIM | IRACE |
|    | 1.000  | 0.0   | -1.000 | 0.0   | 0.0   | 0.0    | 0.0   | 0.0 | 0.0   | 0.0   |

|    |       |          |          |          |          |          |          |     |     |     |
|----|-------|----------|----------|----------|----------|----------|----------|-----|-----|-----|
| J3 | 1.000 | 34.000   | 3.000    | 4.000    | 27.000   | 28.000   | 0.000    | 0.0 | 0.0 | 0.0 |
| NC | 0.040 | 0.040    | 0.030    | 0.100    | 0.300    | 0.0      | 0.0      | 0.0 | 0.0 | 0.0 |
| OT | 2.000 | 9010.000 | 9010.000 | 0.0      | 0.0      | 0.0      | 0.0      | 0.0 | 0.0 | 0.0 |
| ET | 0.0   | 4.100    | 4.100    | 1367.000 | 1505.000 | 1357.000 | 1505.000 | 0.0 | 0.0 | 0.0 |

|    |         |          |          |          |          |          |          |          |         |          |
|----|---------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 0.010   | 19.000   | 1367.000 | 1505.000 | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |
| GR | 574.900 | 1000.000 | 560.000  | 1265.000 | 552.110  | 1335.000 | 549.110  | 1358.000 | 546.610 | 1367.000 |
| GR | 539.210 | 1390.000 | 535.510  | 1401.000 | 531.510  | 1408.000 | 519.910  | 1426.000 | 516.410 | 1436.000 |
| GR | 522.110 | 1400.000 | 522.710  | 1455.000 | 525.710  | 1456.000 | 533.110  | 1476.000 | 530.210 | 1489.000 |
| GR | 552.910 | 1505.000 | 557.110  | 1522.000 | 560.000  | 1659.000 | 573.000  | 1859.000 | 0.0     | 0.0      |
| NC | 0.045   | 0.045    | 0.035    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |
| ET | 0.0     | 4.100    | 5.100    | 1396.000 | 1499.000 | 1396.000 | 1499.000 | 0.0      | 0.0     | 0.0      |

|    |         |          |          |          |          |          |          |          |         |          |
|----|---------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 0.049   | 19.000   | 1396.000 | 1499.000 | 205.000  | 215.000  | 203.000  | 0.0      | 0.0     | 0.0      |
| X2 | 0.0     | 0.0      | 0.0      | 0.0      | 0.0      | 0.215    | 0.0      | 0.0      | 0.0     | 0.0      |
| GR | 589.000 | 1000.000 | 570.730  | 1040.000 | 568.730  | 1140.000 | 564.230  | 1235.000 | 558.630 | 1248.000 |
| GR | 557.730 | 1330.000 | 552.830  | 1356.000 | 542.230  | 1396.000 | 539.330  | 1400.000 | 535.330 | 1405.000 |
| GR | 527.500 | 1434.000 | 527.500  | 1445.000 | 534.230  | 1480.000 | 539.330  | 1484.000 | 546.230 | 1499.000 |
| GR | 564.230 | 1534.000 | 573.130  | 1508.000 | 575.130  | 1647.000 | 581.230  | 1740.000 | 0.0     | 0.0      |
| NC | 0.100   | 0.060    | 0.035    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |
| ET | 0.0     | 4.100    | 4.100    | 1572.000 | 1684.000 | 1572.000 | 1684.000 | 0.0      | 0.0     | 0.0      |

|    |         |          |          |          |          |          |          |          |         |          |
|----|---------|----------|----------|----------|----------|----------|----------|----------|---------|----------|
| X1 | 0.242   | 23.000   | 1572.000 | 1684.000 | 965.000  | 1080.000 | 1023.000 | 0.0      | 0.0     | 0.0      |
| GR | 580.000 | 1000.000 | 572.550  | 1090.000 | 566.050  | 1190.000 | 564.350  | 1290.000 | 564.350 | 1390.000 |
| GR | 564.350 | 1490.000 | 563.850  | 1505.000 | 566.050  | 1537.000 | 543.050  | 1572.000 | 539.250 | 1578.000 |
| GR | 537.250 | 1582.000 | 526.800  | 1612.000 | 526.800  | 1623.000 | 537.750  | 1675.000 | 539.250 | 1679.000 |
| GR | 543.750 | 1684.000 | 546.850  | 1694.000 | 551.350  | 1741.000 | 554.150  | 1767.000 | 562.350 | 1798.000 |
| GR | 563.250 | 1818.000 | 572.350  | 1832.000 | 600.000  | 1880.000 | 0.0      | 0.0      | 0.0     | 0.0      |
| NC | 0.090   | 0.100    | 0.035    | 0.0      | 0.0      | 0.0      | 0.0      | 0.0      | 0.0     | 0.0      |
| ET | 0.0     | 4.100    | 4.100    | 1580.000 | 1698.000 | 1580.000 | 1698.000 | 0.0      | 0.0     | 0.0      |

|    |         |          |          |          |         |          |          |          |         |          |
|----|---------|----------|----------|----------|---------|----------|----------|----------|---------|----------|
| X1 | 0.434   | 14.000   | 1580.000 | 1698.000 | 895.000 | 1105.000 | 1014.000 | 0.0      | 0.0     | 0.0      |
| GR | 580.000 | 1000.000 | 572.820  | 1250.000 | 572.820 | 1350.000 | 566.620  | 1365.000 | 561.520 | 1450.000 |
| GR | 558.820 | 1494.000 | 555.120  | 1520.000 | 548.520 | 1550.000 | 544.420  | 1580.000 | 539.420 | 1586.000 |
| GR | 536.420 | 1590.000 | 526.000  | 1620.000 | 526.000 | 1645.000 | 537.220  | 1640.000 | 539.420 | 1688.000 |
| GR | 534.020 | 1696.000 | 546.320  | 1754.000 | 570.820 | 1811.000 | 0.0      | 0.0      | 0.0     | 0.0      |





# SUMMARY PRINTOUT FOR MULTIPLE PROFILES

## THIRTEENMILE CREEK FLOOD

| SECTION NUMBER | CHANNEL LENGTH | MIN EL OF ROADWAY | MAX FL OF LOW CHORD     | MIN EL GROUND           | DISCHARGE CFS | CASEL   | TA        | EG       | TOPWID | STENCL  | STENCR  | WSELK  |
|----------------|----------------|-------------------|-------------------------|-------------------------|---------------|---------|-----------|----------|--------|---------|---------|--------|
| 0.01           | 0.0            | 0.0               | 0.0                     | 516.41                  | 9010.00       | 547.40  | 6232.04   | 547.67   | 151.56 | 1367.00 | 1505.00 | 547.40 |
| 0.01           | 0.0            | 0.0               | 0.0                     | 516.41                  | 9010.00       | 547.40  | 6232.04   | 547.67   | 151.56 | 1367.00 | 1505.00 | 547.40 |
| 0.05           | 203.00         | 0.0               | 0.0                     | 527.50                  | 9010.00       | 547.61  | 3364.65   | 548.19   | 103.00 | 1396.00 | 1499.00 | 0.0    |
| 0.05           | 203.00         | 0.0               | 0.0                     | 527.50                  | 9010.00       | 547.61  | 3364.65   | 548.19   | 103.00 | 1396.00 | 1499.00 | 0.0    |
| 0.20           | 1023.00        | 0.0               | 0.0                     | 526.60                  | 9010.00       | 548.38  | 4131.30   | 548.60   | 112.00 | 1572.00 | 1684.00 | 0.0    |
| 0.20           | 1023.00        | 0.0               | 0.0                     | 526.60                  | 9010.00       | 548.38  | 4131.30   | 548.60   | 112.00 | 1572.00 | 1684.00 | 0.0    |
| 0.43           | 1014.00        | 0.0               | 0.0                     | 526.00                  | 9010.00       | 548.90  | 4879.81   | 549.22   | 118.00 | 1580.00 | 1698.00 | 0.0    |
| 0.43           | 1014.00        | 0.0               | 0.0                     | 526.00                  | 9010.00       | 548.90  | 4879.81   | 549.22   | 118.00 | 1580.00 | 1698.00 | 0.0    |
| 0.52           | 1003.00        | 0.0               | 0.0                     | 525.20                  | 9010.00       | 549.26  | 4804.61   | 549.60   | 103.00 | 1155.00 | 1258.00 | 0.0    |
| 0.52           | 1003.00        | 0.0               | 0.0                     | 525.20                  | 9010.00       | 549.26  | 4804.61   | 549.60   | 103.00 | 1155.00 | 1258.00 | 0.0    |
| 0.66           | 98.00          | 0.0               | 0.0                     | 525.00                  | 9010.00       | 549.50  | 4632.08   | 549.81   | 108.00 | 1081.00 | 1185.00 | 0.0    |
| 0.66           | 98.00          | 0.0               | 0.0                     | 525.00                  | 9010.00       | 549.50  | 4632.08   | 549.81   | 108.00 | 1081.00 | 1185.00 | 0.0    |
| 0.85           | 1030.00        | 0.0               | 0.0                     | 525.20                  | 9010.00       | 549.65  | 4751.13   | 550.28   | 130.00 | 1190.00 | 1310.00 | 0.0    |
| 0.85           | 1030.00        | 0.0               | 0.0                     | 525.20                  | 9010.00       | 549.65  | 4751.13   | 550.28   | 130.00 | 1190.00 | 1310.00 | 0.0    |
| 1.10           | 1283.00        | 0.0               | 0.0                     | 525.50                  | 9010.00       | 550.54  | 4986.73   | 550.82   | 106.00 | 1195.00 | 1301.00 | 0.0    |
| 1.10           | 1283.00        | 0.0               | 0.0                     | 525.50                  | 9010.00       | 550.54  | 4986.73   | 550.82   | 106.00 | 1195.00 | 1301.00 | 0.0    |
| SECTION NUMBER | DISCHARGE CFS  | CASEL             | CASEL DIFF EACH SECTION | CASEL DIFF EACH SECTION | CASEL-WSELK   | TOPWID  | T.W. DIFF | LENGTH   |        |         |         |        |
| 0.010          | 9010.000       | 547.396           | 0.0                     | 0.0                     | 0.0           | 131.560 | 0.0       | 0.0      |        |         |         |        |
| 0.010          | 9010.000       | 547.396           | 0.0                     | 0.0                     | 0.0           | 131.560 | 0.0       | 0.0      |        |         |         |        |
| 0.040          | 9010.000       | 547.612           | 0.0                     | 0.216                   | 0.0           | 102.999 | 0.0       | 203.000  |        |         |         |        |
| 0.040          | 9010.000       | 547.612           | 0.0                     | 0.216                   | 0.0           | 102.999 | 0.0       | 203.000  |        |         |         |        |
| 0.202          | 9010.000       | 548.376           | 0.0                     | 0.765                   | 0.0           | 111.999 | 0.0       | 1023.000 |        |         |         |        |
| 0.202          | 9010.000       | 548.376           | 0.0                     | 0.765                   | 0.0           | 111.999 | 0.0       | 1023.000 |        |         |         |        |
| 0.430          | 9010.000       | 548.902           | 0.0                     | 0.526                   | 0.0           | 117.999 | 0.0       | 1014.000 |        |         |         |        |
| 0.430          | 9010.000       | 548.902           | 0.0                     | 0.526                   | 0.0           | 117.999 | 0.0       | 1014.000 |        |         |         |        |
| 0.620          | 9010.000       | 549.259           | 0.0                     | 0.357                   | 0.0           | 102.999 | 0.0       | 1003.000 |        |         |         |        |
| 0.620          | 9010.000       | 549.259           | 0.0                     | 0.357                   | 0.0           | 102.999 | 0.0       | 1003.000 |        |         |         |        |
| 0.670          | 9010.000       | 549.494           | 0.0                     | 0.239                   | 0.0           | 102.999 | 0.0       | 98.000   |        |         |         |        |
| 0.670          | 9010.000       | 549.494           | 0.0                     | 0.239                   | 0.0           | 102.999 | 0.0       | 98.000   |        |         |         |        |
| 0.850          | 9010.000       | 549.844           | 0.0                     | 0.346                   | 0.0           | 100.999 | 0.0       | 1030.000 |        |         |         |        |
| 0.850          | 9010.000       | 549.844           | 0.0                     | 0.346                   | 0.0           | 100.999 | 0.0       | 1030.000 |        |         |         |        |
| 1.102          | 9010.000       | 550.557           | 0.0                     | 0.693                   | 0.0           | 105.999 | 0.0       | 1283.000 |        |         |         |        |
| 1.102          | 9010.000       | 550.557           | 0.0                     | 0.693                   | 0.0           | 105.999 | 0.0       | 1283.000 |        |         |         |        |

DATA FOR LAST CROSS SECTION

PROFILE TYPE FNC TARGET TOP WIDTH TOP WIDTH AREA-ACRES AREA-DIFF