

WHITEOAK GREEK

WHITEOAK CREEK

YANCEY COUNTY NC FEMA ST

| MILE                | 500 YR FLOOD |        | 100 YR FLOOD |        | 50 YR FLOOD |        | 10 YEAR FLOOD |        |
|---------------------|--------------|--------|--------------|--------|-------------|--------|---------------|--------|
|                     | Q            | ELEV   | Q            | ELEV   | Q           | ELEV   | Q             | ELEV   |
| 0*                  |              | 2682.8 |              | 2678.5 |             | 2676.8 |               | 2672.5 |
| 0.100 <sup>ps</sup> | 3285.        | 2677.3 | 2130.        | 2675.9 | 1740.       | 2675.3 | 1005.         | 2674.0 |
| 0.100 <sup>us</sup> | 3285.        | 2678.7 | 2130.        | 2678.0 | 1740.       | 2677.2 | 1005.         | 2675.4 |
| 0.330               | 2935.        | 2687.7 | 1905.        | 2686.2 | 1560.       | 2685.6 | 900.          | 2684.5 |
| 0.500               | 2675.        | 2704.2 | 1740.        | 2702.6 | 1425.       | 2702.1 | 825.          | 2701.2 |
| 0.740               | 2290.        | 2719.1 | 1500.        | 2718.9 | 1225.       | 2718.5 | 715.          | 2717.4 |
| 0.750 <sup>ps</sup> | 2290.        | 2720.9 | 1500.        | 2719.7 | 1225.       | 2719.2 | 715.          | 2718.2 |
| 0.750 <sup>us</sup> | 2290.        | 2723.3 | 1500.        | 2721.6 | 1225.       | 2720.9 | 715.          | 2719.4 |
| 0.820               | 2170.        | 2731.7 | 1420.        | 2730.0 | 1165.       | 2729.5 | 680.          | 2728.2 |
| 0.830 <sup>ps</sup> | 2170.        | 2733.0 | 1420.        | 2731.6 | 1165.       | 2730.3 | 680.          | 2729.1 |
| 0.830 <sup>us</sup> | 2170.        | 2735.1 | 1420.        | 2733.2 | 1165.       | 2732.4 | 680.          | 2730.7 |
| 1.000 <sup>ps</sup> | 1910.        | 2747.7 | 1255.        | 2746.0 | 1030.       | 2744.9 | 600.          | 2743.5 |
| 1.000 <sup>us</sup> | 1910.        | 2749.2 | 1255.        | 2748.2 | 1030.       | 2747.3 | 600.          | 2745.6 |
| 1.170               | 1650.        | 2781.9 | 1090.        | 2781.4 | 895.        | 2781.1 | 525.          | 2779.5 |

\* SOUTH TOE RIVER MILE 20.29 ELEVATIONS @ THE MOUTH OF WHITEOAK CREEK

WHITEOAK CREEK

SUMMARY PRINTOUT TABLE 150

| SECNO   | Q     | CWSEL   | DIFWSP | DIFWSX | DIFKWS | TOPWID  | XLCH    |
|---------|-------|---------|--------|--------|--------|---------|---------|
| 0.100   | 1005. | 2674.0' | 0.0    | 0.0    | 0.0    | 73.19   | 0.0     |
| 0.100   | 1740. | 2675.3' | 1.3    | 0.0    | 0.0    | 81.13   | 0.0     |
| 0.100   | 2130. | 2675.9' | 0.6    | 0.0    | 0.0    | 84.63   | 0.0     |
| 0.100   | 3285. | 2677.3' | 1.4    | 0.0    | 0.0    | 728.97  | 0.0     |
| 0.100   | 1005. | 2674.5  | 0.0    | 0.5    | 0.0    | 34.00   | 100.00  |
| 0.100   | 1740. | 2675.6  | 1.1    | 0.3    | 0.0    | 34.00   | 100.00  |
| 0.100   | 2130. | 2676.0  | 0.4    | 0.1    | 0.0    | 34.00   | 100.00  |
| 0.100   | 3285. | 2677.8  | 1.7    | 0.5    | 0.0    | 1069.67 | 100.00  |
| 0.100   | 1005. | 2674.5  | 0.0    | 0.0    | 0.0    | 34.00   | 26.00   |
| 0.100   | 1740. | 2675.6  | 1.1    | 0.0    | 0.0    | 34.00   | 26.00   |
| 0.100   | 2130. | 2677.5  | 1.9    | 1.5    | 0.0    | 714.00  | 26.00   |
| 0.100   | 3285. | 2678.1  | 0.6    | 0.3    | 0.0    | 1071.10 | 26.00   |
| 0.100   | 1005. | 2675.4' | 0.0    | 0.9    | 0.0    | 81.43   | 25.00   |
| 0.100   | 1740. | 2677.2' | 1.8    | 1.6    | 0.0    | 728.72  | 25.00   |
| 0.100   | 2130. | 2678.0' | 0.8    | 0.5    | 0.0    | 1070.54 | 25.00   |
| 0.100   | 3285. | 2678.7' | 0.7    | 0.6    | 0.0    | 1073.59 | 25.00   |
| * 0.230 | 900.  | 2684.5' | 0.0    | 9.1    | 0.0    | 54.90   | 1170.00 |
| * 0.330 | 1560. | 2685.6' | 1.1    | 8.4    | 0.0    | 76.16   | 1170.00 |
| * 0.330 | 1905. | 2686.2' | 0.6    | 8.2    | 0.0    | 138.05  | 1170.00 |
| * 0.330 | 2935. | 2687.7' | 1.5    | 9.0    | 0.0    | 337.89  | 1170.00 |
| 0.500   | 825.  | 2701.2' | 0.0    | 16.7   | 0.0    | 54.93   | 870.00  |
| * 0.500 | 1425. | 2702.1' | 0.9    | 16.5   | 0.0    | 70.83   | 870.00  |
| * 0.500 | 1740. | 2702.6' | 0.5    | 16.4   | 0.0    | 102.04  | 870.00  |
| * 0.500 | 2675. | 2704.2' | 1.6    | 16.5   | 0.0    | 336.81  | 870.00  |
| 0.740   | 715.  | 2717.4' | 0.0    | 16.2   | 0.0    | 65.44   | 1170.00 |
| 0.740   | 1225. | 2718.5' | 1.1    | 16.5   | 0.0    | 73.34   | 1170.00 |
| 0.740   | 1500. | 2718.9' | 0.4    | 16.3   | 0.0    | 76.05   | 1170.00 |
| 0.740   | 2290. | 2719.1' | 0.2    | 14.9   | 0.0    | 77.25   | 1170.00 |
| 0.750   | 715.  | 2718.2' | 0.0    | 0.8    | 0.0    | 34.00   | 80.00   |
| * 0.750 | 1225. | 2719.2' | 1.0    | 0.6    | 0.0    | 34.00   | 80.00   |
| * 0.750 | 1500. | 2719.7' | 0.5    | 0.7    | 0.0    | 34.00   | 80.00   |
| * 0.750 | 2290. | 2720.9' | 1.2    | 1.8    | 0.0    | 34.00   | 80.00   |
| 0.750   | 715.  | 2718.4  | 0.0    | 0.2    | 0.0    | 34.00   | 28.00   |
| 0.750   | 1225. | 2719.6  | 1.1    | 0.4    | 0.0    | 34.00   | 28.00   |
| 0.750   | 1500. | 2720.1  | 0.6    | 0.5    | 0.0    | 34.00   | 28.00   |
| 0.750   | 2290. | 2722.9  | 2.7    | 2.0    | 0.0    | 162.06  | 28.00   |
| 0.750   | 715.  | 2719.4' | 0.0    | 0.9    | 0.0    | 69.37   | 20.00   |
| 0.750   | 1225. | 2720.9' | 1.5    | 1.3    | 0.0    | 79.98   | 20.00   |
| 0.750   | 1500. | 2721.6' | 0.7    | 1.5    | 0.0    | 86.99   | 20.00   |
| 0.750   | 2290. | 2723.3' | 1.6    | 0.4    | 0.0    | 208.13  | 20.00   |
| * 0.820 | 680.  | 2728.2' | 0.0    | 8.8    | 0.0    | 25.98   | 350.00  |
| * 0.820 | 1165. | 2729.5' | 1.3    | 8.6    | 0.0    | 30.53   | 350.00  |
| * 0.820 | 1420. | 2730.0' | 0.5    | 8.4    | 0.0    | 32.54   | 350.00  |
| * 0.820 | 2170. | 2731.7' | 1.7    | 8.5    | 0.0    | 96.21   | 350.00  |

| SECNC | Q     | CWSEL   | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH   |
|-------|-------|---------|--------|--------|--------|--------|--------|
| 0.830 | 680.  | 2729.1' | 0.0    | 0.9    | 0.0    | 15.00  | 40.00  |
| 0.830 | 1165. | 2730.3' | 1.3    | 0.8    | 0.0    | 32.65  | 40.00  |
| 0.830 | 1420. | 2731.6' | 1.3    | 1.6    | 0.0    | 94.20  | 40.00  |
| 0.830 | 2170. | 2733.0' | 1.3    | 1.2    | 0.0    | 100.78 | 40.00  |
| 0.830 | 680.  | 2728.4  | 0.0    | -0.7   | 0.0    | 15.00  | 12.00  |
| 0.830 | 1165. | 2730.5  | 2.1    | 0.2    | 0.0    | 33.73  | 12.00  |
| 0.830 | 1420. | 2731.8  | 1.3    | 0.2    | 0.0    | 95.27  | 12.00  |
| 0.830 | 2170. | 2733.1  | 1.3    | 0.2    | 0.0    | 113.19 | 12.00  |
| 0.830 | 680.  | 2730.7' | 0.0    | 2.3    | 0.0    | 34.68  | 10.00  |
| 0.830 | 1165. | 2732.4' | 1.7    | 1.9    | 0.0    | 98.18  | 10.00  |
| 0.830 | 1420. | 2733.2' | 0.8    | 1.3    | 0.0    | 123.53 | 10.00  |
| 0.830 | 2170. | 2735.1' | 1.9    | 2.0    | 0.0    | 504.79 | 10.00  |
| 1.000 | 600.  | 2743.5' | 0.0    | 12.7   | 0.0    | 19.32  | 900.00 |
| 1.000 | 1030. | 2744.9' | 1.4    | 12.5   | 0.0    | 21.39  | 900.00 |
| 1.000 | 1255. | 2746.0' | 1.1    | 12.8   | 0.0    | 73.87  | 900.00 |
| 1.000 | 1910. | 2747.7' | 1.7    | 12.6   | 0.0    | 221.83 | 900.00 |
| 1.000 | 600.  | 2744.7  | 0.0    | 1.2    | 0.0    | 17.84  | 40.00  |
| 1.000 | 1030. | 2746.2  | 1.6    | 1.3    | 0.0    | 82.37  | 40.00  |
| 1.000 | 1255. | 2746.6  | 0.4    | 0.6    | 0.0    | 96.42  | 40.00  |
| 1.000 | 1910. | 2748.2  | 1.5    | 0.4    | 0.0    | 225.21 | 40.00  |
| 1.000 | 600.  | 2745.1  | 0.0    | 0.5    | 0.0    | 30.28  | 12.00  |
| 1.000 | 1030. | 2746.2  | 1.1    | -0.0   | 0.0    | 82.36  | 12.00  |
| 1.000 | 1255. | 2746.6  | 0.4    | 0.0    | 0.0    | 96.55  | 12.00  |
| 1.000 | 1910. | 2748.4  | 1.8    | 0.2    | 0.0    | 226.92 | 12.00  |
| 1.000 | 600.  | 2745.6' | 0.0    | 0.4    | 0.0    | 57.08  | 10.00  |
| 1.000 | 1030. | 2747.3' | 1.7    | 1.1    | 0.0    | 217.10 | 10.00  |
| 1.000 | 1255. | 2748.2' | 0.9    | 1.6    | 0.0    | 225.36 | 10.00  |
| 1.000 | 1910. | 2749.2' | 1.0    | 0.8    | 0.0    | 232.95 | 10.00  |
| 1.170 | 525.  | 2779.5' | 0.0    | 33.9   | 0.0    | 26.95  | 850.00 |
| 1.170 | 895.  | 2781.1' | 1.6    | 33.7   | 0.0    | 208.50 | 850.00 |
| 1.170 | 1090. | 2781.4' | 0.3    | 33.2   | 0.0    | 212.47 | 850.00 |
| 1.170 | 1650. | 2781.9  | 0.5    | 32.7   | 0.0    | 219.17 | 850.00 |

SUMMARY OF ERRORS

CAUTION SECNO= 0.330 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.330 PROFILE= 1  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.330 PROFILE= 1  
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.330 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.330 PROFILE= 2  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.330 PROFILE= 2  
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.330 PROFILE= 3 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.330 PROFILE= 3  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.330 PROFILE= 3  
20 TRIALS ATTEMPTED TO BALANCE WSEL

|   | SECNO | Q     | CWSEL   | DIFWSP | DIFWSX | DIFKWS | TOPWID | XLCH   |
|---|-------|-------|---------|--------|--------|--------|--------|--------|
|   | 0.830 | 680.  | 2729.1' | 0.0    | 0.9    | 0.0    | 15.00  | 40.00  |
|   | 0.830 | 1165. | 2730.3' | 1.3    | 0.8    | 0.0    | 32.65  | 40.00  |
| * | 0.830 | 1420. | 2731.6' | 1.3    | 1.6    | 0.0    | 94.20  | 40.00  |
| * | 0.830 | 2170. | 2733.0' | 1.3    | 1.2    | 0.0    | 100.78 | 40.00  |
|   | 0.830 | 680.  | 2728.4  | 0.0    | -0.7   | 0.0    | 15.00  | 12.00  |
| * | 0.830 | 1165. | 2730.5  | 2.1    | 0.2    | 0.0    | 33.73  | 12.00  |
|   | 0.830 | 1420. | 2731.8  | 1.3    | 0.2    | 0.0    | 95.27  | 12.00  |
| * | 0.830 | 2170. | 2733.1  | 1.3    | 0.2    | 0.0    | 113.19 | 12.00  |
|   | 0.830 | 680.  | 2730.7' | 0.0    | 2.3    | 0.0    | 34.68  | 10.00  |
|   | 0.830 | 1165. | 2732.4' | 1.7    | 1.9    | 0.0    | 98.18  | 10.00  |
|   | 0.830 | 1420. | 2733.2' | 0.8    | 1.3    | 0.0    | 123.53 | 10.00  |
|   | 0.830 | 2170. | 2735.1' | 1.9    | 2.0    | 0.0    | 504.79 | 10.00  |
| * | 1.000 | 600.  | 2743.5' | 0.0    | 12.7   | 0.0    | 19.32  | 900.00 |
| * | 1.000 | 1030. | 2744.9' | 1.4    | 12.5   | 0.0    | 21.39  | 900.00 |
| * | 1.000 | 1255. | 2746.0' | 1.1    | 12.8   | 0.0    | 73.87  | 900.00 |
| * | 1.000 | 1910. | 2747.7' | 1.7    | 12.6   | 0.0    | 221.83 | 900.00 |
|   | 1.000 | 600.  | 2744.7  | 0.0    | 1.2    | 0.0    | 17.84  | 40.00  |
|   | 1.000 | 1030. | 2746.2  | 1.6    | 1.3    | 0.0    | 82.37  | 40.00  |
|   | 1.000 | 1255. | 2746.6  | 0.4    | 0.6    | 0.0    | 96.42  | 40.00  |
| * | 1.000 | 1910. | 2748.2  | 1.5    | 0.4    | 0.0    | 225.21 | 40.00  |
|   | 1.000 | 600.  | 2745.1  | 0.0    | 0.5    | 0.0    | 30.28  | 12.00  |
|   | 1.000 | 1030. | 2746.2  | 1.1    | -0.0   | 0.0    | 82.36  | 12.00  |
| * | 1.000 | 1255. | 2746.6  | 0.4    | 0.0    | 0.0    | 96.55  | 12.00  |
| * | 1.000 | 1910. | 2748.4  | 1.8    | 0.2    | 0.0    | 226.92 | 12.00  |
|   | 1.000 | 600.  | 2745.6' | 0.0    | 0.4    | 0.0    | 57.08  | 10.00  |
|   | 1.000 | 1030. | 2747.3' | 1.7    | 1.1    | 0.0    | 217.10 | 10.00  |
|   | 1.000 | 1255. | 2748.2' | 0.9    | 1.6    | 0.0    | 225.36 | 10.00  |
|   | 1.000 | 1910. | 2749.2' | 1.0    | 0.8    | 0.0    | 232.95 | 10.00  |
| * | 1.170 | 525.  | 2779.5' | 0.0    | 33.9   | 0.0    | 26.95  | 850.00 |
| * | 1.170 | 895.  | 2781.1' | 1.6    | 33.7   | 0.0    | 208.50 | 850.00 |
| * | 1.170 | 1090. | 2781.4' | 0.3    | 33.2   | 0.0    | 212.47 | 850.00 |
| * | 1.170 | 1650. | 2781.9  | 0.5    | 32.7   | 0.0    | 219.17 | 850.00 |

SUMMARY OF ERRORS

CAUTION SECNO= 0.330 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.330 PROFILE= 1  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.330 PROFILE= 1  
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.330 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.330 PROFILE= 2  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.330 PROFILE= 2  
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.330 PROFILE= 3 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.330 PROFILE= 3  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.330 PROFILE= 3  
20 TRIALS ATTEMPTED TO BALANCE WSEL

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 C2 RELEASE DATED NOV 76 UPDATED JULY1979  
 ERROR CORR - 01,02,03  
 MODIFICATION - 50,51,52,53,54  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER  
 INDICATES MESSAGE IN SUMMARY OF ERRORS LIST/

WHITEOAK CREEK

SUMMARY PRINTOUT TABLE 150

| SECMO   | XLCH  | ELTRD  | ELLC   | ELMIN  | Q      | CWSEL   | CRWS    |
|---------|-------|--------|--------|--------|--------|---------|---------|
| 0.100   | 0.    | 0.0    | 0.0    | 2669.9 | 1005.0 | 2674.03 | 0.0     |
| 0.100   | 0.    | 0.0    | 0.0    | 2669.9 | 1740.0 | 2675.32 | 0.0     |
| 0.100   | 0.    | 0.0    | 0.0    | 2669.9 | 2130.0 | 2675.89 | 0.0     |
| 0.100   | 0.    | 0.0    | 0.0    | 2669.9 | 3285.0 | 2677.28 | 2675.04 |
| 0.100   | 100.  | 0.0    | 0.0    | 2669.9 | 1005.0 | 2674.50 | 0.0     |
| 0.100   | 100.  | 0.0    | 0.0    | 2669.9 | 1740.0 | 2675.60 | 0.0     |
| 0.100   | 100.  | 0.0    | 0.0    | 2669.9 | 2130.0 | 2676.03 | 0.0     |
| 0.100   | 100.  | 0.0    | 0.0    | 2669.9 | 3285.0 | 2677.76 | 2677.70 |
| 0.100   | 26.   | 2677.4 | 2676.9 | 2669.9 | 1005.0 | 2674.50 | 0.0     |
| 0.100   | 26.   | 2677.4 | 2676.9 | 2669.9 | 1740.0 | 2675.60 | 0.0     |
| 0.100   | 26.   | 2677.4 | 2676.9 | 2669.9 | 2130.0 | 2677.51 | 0.0     |
| 0.100   | 26.   | 2677.4 | 2676.9 | 2669.9 | 3285.0 | 2678.09 | 0.0     |
| 0.100   | 25.   | 0.0    | 0.0    | 2669.9 | 1005.0 | 2675.36 | 0.0     |
| 0.100   | 25.   | 0.0    | 0.0    | 2669.9 | 1740.0 | 2677.21 | 0.0     |
| 0.100   | 25.   | 0.0    | 0.0    | 2669.9 | 2130.0 | 2677.96 | 0.0     |
| 0.100   | 25.   | 0.0    | 0.0    | 2669.9 | 3285.0 | 2678.68 | 0.0     |
| * 0.330 | 1170. | 0.0    | 0.0    | 2680.9 | 900.0  | 2684.48 | 2684.48 |
| * 0.330 | 1170. | 0.0    | 0.0    | 2680.9 | 1560.0 | 2685.57 | 2685.57 |
| * 0.330 | 1170. | 0.0    | 0.0    | 2680.9 | 1905.0 | 2686.21 | 2686.21 |
| * 0.330 | 1170. | 0.0    | 0.0    | 2680.9 | 2935.0 | 2687.70 | 2687.70 |
| 0.500   | 870.  | 0.0    | 0.0    | 2697.6 | 825.0  | 2701.19 | 2701.04 |
| * 0.500 | 870.  | 0.0    | 0.0    | 2697.6 | 1425.0 | 2702.07 | 2702.07 |
| * 0.500 | 870.  | 0.0    | 0.0    | 2697.6 | 1740.0 | 2702.59 | 2702.59 |
| * 0.500 | 870.  | 0.0    | 0.0    | 2697.6 | 2675.0 | 2704.23 | 2704.23 |
| 0.740   | 1170. | 0.0    | 0.0    | 2713.3 | 715.0  | 2717.41 | 0.0     |
| 0.740   | 1170. | 0.0    | 0.0    | 2713.3 | 1225.0 | 2718.54 | 0.0     |
| 0.740   | 1170. | 0.0    | 0.0    | 2713.3 | 1500.0 | 2718.93 | 0.0     |
| 0.740   | 1170. | 0.0    | 0.0    | 2713.3 | 2290.0 | 2719.10 | 2718.60 |
| 0.750   | 80.   | 0.0    | 0.0    | 2714.7 | 715.0  | 2718.20 | 2718.13 |
| * 0.750 | 80.   | 0.0    | 0.0    | 2714.7 | 1225.0 | 2719.16 | 2719.16 |
| * 0.750 | 80.   | 0.0    | 0.0    | 2714.7 | 1500.0 | 2719.67 | 2719.67 |
| * 0.750 | 80.   | 0.0    | 0.0    | 2714.7 | 2290.0 | 2720.88 | 2720.88 |

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 MC2 RELEASE DATED NCV 76 UPDATED JULY1979  
 ERROR CORR - 01,02,03  
 MODIFICATION - 50,51,52,53,54  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER  
 INDICATES MESSAGE IN SUMMARY OF ERRORS LIST/

WHITEOAK CREEK

SUMMARY PRINTOUT TABLE 150

| SFCNO   | XLCH  | ELTRD  | ELLC   | ELMIN  | Q      | CWSEL   | CRWS    |
|---------|-------|--------|--------|--------|--------|---------|---------|
| 0.100   | 0.    | 0.0    | 0.0    | 2669.9 | 1005.0 | 2674.03 | 0.0     |
| 0.100   | 0.    | 0.0    | 0.0    | 2669.9 | 1740.0 | 2675.32 | 0.0     |
| 0.100   | 0.    | 0.0    | 0.0    | 2669.9 | 2130.0 | 2675.89 | 0.0     |
| 0.100   | 0.    | 0.0    | 0.0    | 2669.9 | 3285.0 | 2677.28 | 2675.04 |
| 0.100   | 100.  | 0.0    | 0.0    | 2669.9 | 1005.0 | 2674.50 | 0.0     |
| 0.100   | 100.  | 0.0    | 0.0    | 2669.9 | 1740.0 | 2675.60 | 0.0     |
| 0.100   | 100.  | 0.0    | 0.0    | 2669.9 | 2130.0 | 2676.03 | 0.0     |
| 0.100   | 100.  | 0.0    | 0.0    | 2669.9 | 3285.0 | 2677.76 | 2677.70 |
| 0.100   | 26.   | 2677.4 | 2676.9 | 2669.9 | 1005.0 | 2674.50 | 0.0     |
| 0.100   | 26.   | 2677.4 | 2676.9 | 2669.9 | 1740.0 | 2675.60 | 0.0     |
| 0.100   | 26.   | 2677.4 | 2676.9 | 2669.9 | 2130.0 | 2677.51 | 0.0     |
| 0.100   | 26.   | 2677.4 | 2676.9 | 2669.9 | 3285.0 | 2678.09 | 0.0     |
| 0.100   | 25.   | 0.0    | 0.0    | 2669.9 | 1005.0 | 2675.36 | 0.0     |
| 0.100   | 25.   | 0.0    | 0.0    | 2669.9 | 1740.0 | 2677.21 | 0.0     |
| 0.100   | 25.   | 0.0    | 0.0    | 2669.9 | 2130.0 | 2677.56 | 0.0     |
| 0.100   | 25.   | 0.0    | 0.0    | 2669.9 | 3285.0 | 2678.68 | 0.0     |
| * 0.330 | 1170. | 0.0    | 0.0    | 2680.9 | 900.0  | 2684.48 | 2684.48 |
| * 0.330 | 1170. | 0.0    | 0.0    | 2680.9 | 1560.0 | 2685.57 | 2685.57 |
| * 0.330 | 1170. | 0.0    | 0.0    | 2680.9 | 1905.0 | 2686.21 | 2686.21 |
| * 0.330 | 1170. | 0.0    | 0.0    | 2680.9 | 2935.0 | 2687.70 | 2687.70 |
| 0.500   | 870.  | 0.0    | 0.0    | 2697.6 | 825.0  | 2701.19 | 2701.04 |
| * 0.500 | 870.  | 0.0    | 0.0    | 2697.6 | 1425.0 | 2702.07 | 2702.07 |
| * 0.500 | 870.  | 0.0    | 0.0    | 2697.6 | 1740.0 | 2702.59 | 2702.59 |
| * 0.500 | 870.  | 0.0    | 0.0    | 2697.6 | 2675.0 | 2704.23 | 2704.23 |
| 0.740   | 1170. | 0.0    | 0.0    | 2713.3 | 715.0  | 2717.41 | 0.0     |
| 0.740   | 1170. | 0.0    | 0.0    | 2713.3 | 1225.0 | 2718.54 | 0.0     |
| 0.740   | 1170. | 0.0    | 0.0    | 2713.3 | 1500.0 | 2718.93 | 0.0     |
| 0.740   | 1170. | 0.0    | 0.0    | 2713.3 | 2290.0 | 2719.10 | 2718.60 |
| 0.750   | 80.   | 0.0    | 0.0    | 2714.7 | 715.0  | 2718.20 | 2718.13 |
| * 0.750 | 80.   | 0.0    | 0.0    | 2714.7 | 1225.0 | 2719.16 | 2719.16 |
| * 0.750 | 80.   | 0.0    | 0.0    | 2714.7 | 1500.0 | 2719.67 | 2719.67 |
| * 0.750 | 80.   | 0.0    | 0.0    | 2714.7 | 2290.0 | 2720.88 | 2720.88 |

|    | SFCNO | XLCH | ELTRC  | ELLC   | ELMIN  | Q      | CWSEL   | CRWS    |
|----|-------|------|--------|--------|--------|--------|---------|---------|
|    | 0.750 | 28.  | 2722.0 | 2721.0 | 2714.7 | 715.0  | 2718.43 | 0.0     |
|    | 0.750 | 28.  | 2722.0 | 2721.0 | 2714.7 | 1225.0 | 2719.57 | 0.0     |
|    | 0.750 | 28.  | 2722.0 | 2721.0 | 2714.7 | 1500.0 | 2720.14 | 0.0     |
|    | 0.750 | 28.  | 2722.0 | 2721.0 | 2714.7 | 2290.0 | 2722.86 | 0.0     |
|    | 0.750 | 20.  | 0.0    | 0.0    | 2714.7 | 715.0  | 2719.37 | 0.0     |
|    | 0.750 | 20.  | 0.0    | 0.0    | 2714.7 | 1225.0 | 2720.90 | 0.0     |
|    | 0.750 | 20.  | 0.0    | 0.0    | 2714.7 | 1500.0 | 2721.64 | 0.0     |
|    | 0.750 | 20.  | 0.0    | 0.0    | 2714.7 | 2290.0 | 2723.28 | 0.0     |
| *  | 0.820 | 350. | 0.0    | 0.0    | 2723.6 | 680.0  | 2728.21 | 2728.21 |
| *  | 0.820 | 350. | 0.0    | 0.0    | 2723.6 | 1165.0 | 2729.55 | 2729.55 |
| *  | 0.820 | 350. | 0.0    | 0.0    | 2723.6 | 1420.0 | 2730.00 | 2730.00 |
| *  | 0.820 | 350. | 0.0    | 0.0    | 2723.6 | 2170.0 | 2731.74 | 2731.74 |
|    | 0.830 | 40.  | 0.0    | 0.0    | 2723.9 | 680.0  | 2729.07 | 0.0     |
|    | 0.830 | 40.  | 0.0    | 0.0    | 2723.9 | 1165.0 | 2730.33 | 2730.29 |
| *  | 0.830 | 40.  | 0.0    | 0.0    | 2723.9 | 1420.0 | 2731.64 | 2731.64 |
| *  | 0.830 | 40.  | 0.0    | 0.0    | 2723.9 | 2170.0 | 2732.96 | 2732.96 |
|    | 0.830 | 12.  | 2730.1 | 2728.7 | 2723.9 | 680.0  | 2728.41 | 0.0     |
| *  | 0.830 | 12.  | 2730.1 | 2728.7 | 2723.9 | 1165.0 | 2730.54 | 0.0     |
|    | 0.830 | 12.  | 2730.1 | 2728.7 | 2723.9 | 1420.0 | 2731.84 | 0.0     |
| *  | 0.830 | 12.  | 2730.1 | 2728.7 | 2723.9 | 2170.0 | 2733.11 | 0.0     |
|    | 0.830 | 10.  | 0.0    | 0.0    | 2725.2 | 680.0  | 2730.73 | 2729.36 |
|    | 0.830 | 10.  | 0.0    | 0.0    | 2725.2 | 1165.0 | 2732.43 | 0.0     |
|    | 0.830 | 10.  | 0.0    | 0.0    | 2725.2 | 1420.0 | 2733.19 | 0.0     |
|    | 0.830 | 10.  | 0.0    | 0.0    | 2725.2 | 2170.0 | 2735.14 | 0.0     |
| *  | 1.000 | 900. | 0.0    | 0.0    | 2739.4 | 600.0  | 2743.47 | 2743.47 |
| *  | 1.000 | 900. | 0.0    | 0.0    | 2739.4 | 1030.0 | 2744.90 | 2744.90 |
| *  | 1.000 | 900. | 0.0    | 0.0    | 2739.4 | 1255.0 | 2745.99 | 2745.99 |
| *  | 1.000 | 900. | 0.0    | 0.0    | 2739.4 | 1910.0 | 2747.71 | 2747.71 |
|    | 1.000 | 40.  | 0.0    | 0.0    | 2739.4 | 600.0  | 2744.66 | 0.0     |
|    | 1.000 | 40.  | 0.0    | 0.0    | 2739.4 | 1030.0 | 2746.22 | 2745.36 |
|    | 1.000 | 40.  | 0.0    | 0.0    | 2739.4 | 1255.0 | 2746.61 | 2746.49 |
| *  | 1.000 | 40.  | 0.0    | 0.0    | 2739.4 | 1910.0 | 2748.15 | 2748.15 |
|    | 1.000 | 12.  | 2745.0 | 2744.1 | 2739.4 | 600.0  | 2745.14 | 0.0     |
|    | 1.000 | 12.  | 2745.0 | 2744.1 | 2739.4 | 1030.0 | 2746.22 | 0.0     |
| *  | 1.000 | 12.  | 2745.0 | 2744.1 | 2739.4 | 1255.0 | 2746.61 | 0.0     |
| *  | 1.000 | 12.  | 2745.0 | 2744.1 | 2739.4 | 1910.0 | 2748.37 | 0.0     |
|    | 1.000 | 10.  | 0.0    | 0.0    | 2740.0 | 600.0  | 2745.58 | 0.0     |
|    | 1.000 | 10.  | 0.0    | 0.0    | 2740.0 | 1030.0 | 2747.31 | 0.0     |
|    | 1.000 | 10.  | 0.0    | 0.0    | 2740.0 | 1255.0 | 2748.17 | 0.0     |
|    | 1.000 | 10.  | 0.0    | 0.0    | 2740.0 | 1910.0 | 2749.17 | 0.0     |
| *  | 1.170 | 850. | 0.0    | 0.0    | 2776.4 | 525.0  | 2779.49 | 2779.49 |
| *  | 1.170 | 850. | 0.0    | 0.0    | 2776.4 | 895.0  | 2781.06 | 2781.06 |
| *C | 1.170 | 850. | 0.0    | 0.0    | 2776.4 | 1090.0 | 2781.37 | 2781.37 |
| *  | 1.170 | 850. | 0.0    | 0.0    | 2776.4 | 1650.0 | 2781.88 | 2781.98 |

WHITEOAK CREEK

100 YR FLOODWAY

FLOODWAY DATA, WHITEOAK CREEK  
 PROFILE NO. 2

| STATION          | WIDTH<br>(FT)  | FLOODWAY SECTION |                  | WATER SURFACE ELEVATION |                     |                |
|------------------|----------------|------------------|------------------|-------------------------|---------------------|----------------|
|                  |                | AREA             | MEAN<br>VELOCITY | WITH<br>FLOODWAY        | WITHOUT<br>FLOODWAY | DIFFERENCE     |
| 0.100 D.S. *     | 95.            | 455.             | 4.7              | 2676.9                  | 2675.9              | 1.0            |
| <del>0.100</del> | <del>95.</del> | <del>442.</del>  | <del>4.8</del>   | <del>2677.1</del>       | <del>2676.0</del>   | <del>1.1</del> |
| <del>0.100</del> | <del>95.</del> | <del>616.</del>  | <del>3.5</del>   | <del>2676.5</del>       | <del>2677.5</del>   | <del>1.0</del> |
| 0.100 U.S. *     | 95.            | 640.             | 3.3              | 2678.9                  | 2678.0              | 0.9            |
| <del>0.333</del> | <del>49.</del> | <del>166.</del>  | <del>11.5</del>  | <del>2686.2</del>       | <del>2686.2</del>   | <del>0.0</del> |
| 0.500            | 40.            | 163.             | 10.7             | 2702.7                  | 2702.6              | 0.1            |
| <del>0.740</del> | <del>80.</del> | <del>262.</del>  | <del>5.7</del>   | <del>2719.0</del>       | <del>2718.9</del>   | <del>0.1</del> |
| 0.750 D.S. *     | 80.            | 133.             | 11.3             | 2719.7                  | 2719.7              | 0.0            |
| <del>0.750</del> | <del>80.</del> | <del>149.</del>  | <del>10.1</del>  | <del>2720.1</del>       | <del>2720.1</del>   | <del>0.0</del> |
| 0.750 U.S. *     | 80.            | 354.             | 4.2              | 2721.6                  | 2721.6              | 0.0            |
| <del>0.820</del> | <del>35.</del> | <del>125.</del>  | <del>11.4</del>  | <del>2730.1</del>       | <del>2730.0</del>   | <del>0.1</del> |
| 0.830 D.S. *     | 35.            | 150.             | 9.5              | 2731.6                  | 2731.6              | 0.0            |
| <del>0.830</del> | <del>35.</del> | <del>172.</del>  | <del>8.2</del>   | <del>2731.0</del>       | <del>2731.0</del>   | <del>0.0</del> |
| 0.830 U.S. *     | 35.            | 203.             | 7.0              | 2733.2                  | 2733.2              | 0.0            |
| 1.000 D.S. *     | 25.            | 103.             | 12.1             | 2746.0                  | 2746.0              | 0.0            |
| <del>1.000</del> | <del>25.</del> | <del>123.</del>  | <del>10.2</del>  | <del>2746.6</del>       | <del>2746.6</del>   | <del>0.0</del> |
| <del>1.000</del> | <del>25.</del> | <del>156.</del>  | <del>8.1</del>   | <del>2747.6</del>       | <del>2746.6</del>   | <del>1.0</del> |
| 1.000 U.S. *     | 25.            | 172.             | 7.3              | 2748.5                  | 2748.2              | 0.3            |
| 1.170            | 40.            | 107.             | 10.2             | 2781.4                  | 2781.4              | 0.0            |

\* DOWNSTREAM AND UPSTREAM @ BRIDGES

WHITEOAK CREEK

100 YR FLOODWAY

FLOODWAY DATA, WHITEGAK CREEK  
PROFILE NO. 2

| STATION     | WIDTH<br>(FT) | FLOODWAY<br>SECTION<br>AREA | MEAN<br>VELOCITY | WATER SURFACE ELEVATION |                     |            |
|-------------|---------------|-----------------------------|------------------|-------------------------|---------------------|------------|
|             |               |                             |                  | WITH<br>FLOODWAY        | WITHOUT<br>FLOODWAY | DIFFERENCE |
| 0.100 D.S.* | 95.           | 455.                        | 4.7              | 2676.9                  | 2675.9              | 1.0        |
| 0.100       | 95.           | 442.                        | 4.8              | 2677.1                  | 2676.0              | 1.1        |
| 0.100       | 95.           | 616.                        | 3.5              | 2676.5                  | 2677.5              | 1.0        |
| 0.100 U.S.* | 95.           | 640.                        | 3.3              | 2678.9                  | 2678.0              | 0.9        |
| 0.333       | 40.           | 166.                        | 11.5             | 2686.2                  | 2686.2              | 0.0        |
| 0.500       | 40.           | 163.                        | 10.7             | 2702.7                  | 2702.6              | 0.1        |
| 0.740       | 80.           | 262.                        | 5.7              | 2719.0                  | 2718.9              | 0.1        |
| 0.750 D.S.* | 80.           | 133.                        | 11.3             | 2719.7                  | 2719.7              | 0.0        |
| 0.750       | 80.           | 149.                        | 10.1             | 2720.1                  | 2720.1              | 0.0        |
| 0.750 U.S.* | 80.           | 354.                        | 4.2              | 2721.6                  | 2721.6              | 0.0        |
| 0.820       | 35.           | 125.                        | 11.4             | 2730.1                  | 2730.0              | 0.1        |
| 0.830 D.S.* | 35.           | 150.                        | 9.5              | 2731.6                  | 2731.6              | 0.0        |
| 0.830       | 35.           | 172.                        | 8.2              | 2731.8                  | 2731.8              | 0.0        |
| 0.830 U.S.* | 35.           | 203.                        | 7.0              | 2733.2                  | 2733.2              | 0.0        |
| 1.000 D.S.* | 25.           | 103.                        | 12.1             | 2746.0                  | 2746.0              | 0.0        |
| 1.000       | 25.           | 123.                        | 10.2             | 2746.6                  | 2746.6              | 0.0        |
| 1.000       | 25.           | 156.                        | 8.1              | 2747.6                  | 2746.6              | 1.0        |
| 1.000 U.S.* | 25.           | 172.                        | 7.3              | 2748.5                  | 2748.2              | 0.3        |
| 1.170       | 40.           | 107.                        | 10.2             | 2781.4                  | 2781.4              | 0.0        |

\* DOWNSTREAM AND UPSTREAM @ BRIDGES

\*\*\*\*\*  
 HEC2 RELEASE CATED NCV 76 UPDATED JULY 1979  
 ERRCR CORR - 01,02,03  
 MODIFICATCN - 50,51,52,53,54  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER  
 INDICATES MESSAGE IN SUMMARY OF ERRORS LIST/

WHITEOAK CREEK

SUMMARY PRINTOUT TABLE 110

| SECNO | CWSEL    | DIFKWS   | EG      | TOPWID  | PERENC | STENCL | STENCR |
|-------|----------|----------|---------|---------|--------|--------|--------|
| 0.100 | 2675.89' | 0.0      | 2676.41 | 85.     | 0.     | 0.     | 0.     |
| 0.100 | 2676.89  | 1.00     | 2677.23 | 51.     | 95.    | 2135.  | 2230.  |
| 0.100 | 2676.93' | 0.0      | 2678.05 | 34.     | 0.     | 0.     | 0.     |
| 0.100 | 2677.10  | 1.06     | 2677.81 | 78.     | 95.    | 2135.  | 2230.  |
| 0.100 | 2677.51' | 0.0      | 2678.05 | 714.    | 0.     | 0.     | 0.     |
| 0.100 | 2678.54  | 1.03     | 2678.97 | 55.     | 95.    | 2135.  | 2230.  |
| 0.100 | 2677.56' | 0.0      | 2678.13 | 1071.   | 0.     | 0.     | 0.     |
| 0.100 | 2678.85  | 0.89     | 2679.03 | 95.     | 95.    | 2135.  | 2230.  |
| *     | 0.330    | 2686.21' | 0.0     | 2687.84 | 138.   | 0.     | 0.     |
| *     | 0.330    | 2686.10  | -0.10   | 2688.20 | 40.    | 40.    | 615.   |
| *     | 0.500    | 2702.59' | 0.0     | 2704.23 | 102.   | 0.     | 0.     |
| 0.500 | 2702.73  | 0.14     | 2704.55 | 40.     | 40.    | 615.   | 655.   |
| 0.740 | 2718.93' | 0.0      | 2719.52 | 76.     | 0.     | 0.     | 0.     |
| 0.740 | 2719.02  | 0.09     | 2719.59 | 74.     | 80.    | 315.   | 395.   |
| *     | 0.750    | 2719.67' | 0.0     | 2721.64 | 34.    | 0.     | 0.     |
| *     | 0.750    | 2719.66  | -0.01   | 2721.64 | 34.    | 80.    | 315.   |
| 0.750 | 2720.14' | 0.0      | 2721.71 | 34.     | 0.     | 0.     | 0.     |
| 0.750 | 2720.13  | -0.01    | 2721.71 | 34.     | 80.    | 315.   | 395.   |
| 0.750 | 2721.64' | 0.0      | 2721.96 | 87.     | 0.     | 0.     | 0.     |
| 0.750 | 2721.64  | -0.00    | 2721.96 | 80.     | 80.    | 315.   | 395.   |
| *     | 0.820    | 2730.00' | 0.0     | 2732.07 | 33.    | 0.     | 0.     |
| *     | 0.820    | 2730.06  | 0.06    | 2732.07 | 32.    | 35.    | 260.   |
| *     | 0.830    | 2731.64' | 0.0     | 2733.54 | 54.    | 0.     | 0.     |
| 0.830 | 2731.10  | -0.54    | 2733.71 | 35.     | 35.    | 260.   | 295.   |
| 0.830 | 2731.84' | 0.0      | 2733.54 | 95.     | 0.     | 0.     | 0.     |
| *     | 0.830    | 2731.73  | -0.11   | 2733.75 | 35.    | 35.    | 260.   |

|   | SECNC | CWSEL   | DIFKWS | EG      | TOPWID | PERENC | STENCL | STENCR |
|---|-------|---------|--------|---------|--------|--------|--------|--------|
|   | 0.830 | 2733.19 | 0.0    | 2733.72 | 124.   | 0.     | 0.     | 0.     |
|   | 0.830 | 2733.21 | 0.02   | 2734.00 | 35.    | 35.    | 260.   | 295.   |
| * | 1.000 | 2745.99 | 0.0    | 2747.77 | 74.    | 0.     | 0.     | 0.     |
| * | 1.000 | 2745.51 | -0.48  | 2747.85 | 24.    | 25.    | 125.   | 150.   |
|   | 1.000 | 2746.61 | 0.0    | 2748.37 | 96.    | 0.     | 0.     | 0.     |
|   | 1.000 | 2746.33 | -0.28  | 2748.67 | 24.    | 25.    | 125.   | 150.   |
| * | 1.000 | 2746.61 | 0.0    | 2748.37 | 97.    | 0.     | 0.     | 0.     |
| * | 1.000 | 2747.64 | 1.03   | 2749.20 | 25.    | 25.    | 125.   | 150.   |
|   | 1.000 | 2748.17 | 0.0    | 2748.57 | 225.   | 0.     | 0.     | 0.     |
|   | 1.000 | 2748.45 | 0.28   | 2749.34 | 25.    | 25.    | 125.   | 150.   |
| * | 1.170 | 2781.37 | 0.0    | 2782.14 | 212.   | 0.     | 0.     | 0.     |
| * | 1.170 | 2780.99 | -0.38  | 2782.63 | 35.    | 40.    | 275.   | 315.   |

SUMMARY OF ERRORS

CAUTION SECNO= 0.330 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.330 PROFILE= 1  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNC= 0.330 PROFILE= 1  
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.330 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.330 PROFILE= 2  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNC= 0.330 PROFILE= 2  
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.500 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.750 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.750 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.820 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.820 PROFILE= 1  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 0.820 PROFILE= 1  
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.820 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.820 PROFILE= 2  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNC= 0.820 PROFILE= 2  
20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 0.830 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.830 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 0.830 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 1.000 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 1.000 PROFILE= 1  
PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO= 1.000 PROFILE= 1  
20 TRIALS ATTEMPTED TO BALANCE WSEL

| SECNO   | XLCH | ELTRD  | ELLC   | ELMIN  | Q      | CWSEL   | CRWS   |
|---------|------|--------|--------|--------|--------|---------|--------|
| 1.660   | 1.   | 0.0    | 0.0    | 2725.7 | 1135.0 | 2731.77 | 0.0    |
| 1.660   | 1.   | 0.0    | 0.0    | 2725.7 | 1970.0 | 2732.82 | 0.0    |
| 1.660   | 1.   | 0.0    | 0.0    | 2725.7 | 2420.0 | 2733.33 | 0.0    |
| 1.660   | 1.   | 0.0    | 0.0    | 2725.7 | 3740.0 | 2734.49 | 0.0    |
| 1.660   | 10.  | 0.0    | 0.0    | 2725.7 | 1135.0 | 2731.81 | 0.0    |
| 1.660   | 10.  | 0.0    | 0.0    | 2725.7 | 1970.0 | 2732.86 | 0.0    |
| 1.660   | 10.  | 0.0    | 0.0    | 2725.7 | 2420.0 | 2733.37 | 0.0    |
| 1.660   | 10.  | 0.0    | 0.0    | 2725.7 | 3740.0 | 2734.52 | 0.0    |
| * 1.760 | 515. | 0.0    | 0.0    | 2734.0 | 1125.0 | 2737.70 | 2737.7 |
| * 1.760 | 515. | 0.0    | 0.0    | 2734.0 | 1950.0 | 2738.35 | 2738.3 |
| * 1.760 | 515. | 0.0    | 0.0    | 2734.0 | 2395.0 | 2738.64 | 2738.6 |
| * 1.760 | 515. | 0.0    | 0.0    | 2734.0 | 3705.0 | 2739.33 | 2739.3 |
| 1.770   | 40.  | 0.0    | 0.0    | 2734.0 | 1125.0 | 2738.63 | 0.0    |
| 1.770   | 40.  | 0.0    | 0.0    | 2734.0 | 1950.0 | 2739.43 | 0.0    |
| 1.770   | 40.  | 0.0    | 0.0    | 2734.0 | 2395.0 | 2739.75 | 0.0    |
| 1.770   | 40.  | 0.0    | 0.0    | 2734.0 | 3705.0 | 2740.46 | 0.0    |
| 1.770   | 1.   | 2744.1 | 2741.8 | 2734.1 | 1125.0 | 2738.64 | 0.0    |
| 1.770   | 1.   | 2744.1 | 2741.8 | 2734.1 | 1950.0 | 2739.45 | 0.0    |
| 1.770   | 1.   | 2744.1 | 2741.8 | 2734.1 | 2395.0 | 2739.78 | 0.0    |
| 1.770   | 1.   | 2744.1 | 2741.8 | 2734.1 | 3705.0 | 2740.51 | 0.0    |
| 1.770   | 12.  | 2744.1 | 2741.8 | 2734.1 | 1125.0 | 2738.74 | 0.0    |
| 1.770   | 12.  | 2744.1 | 2741.8 | 2734.1 | 1950.0 | 2739.56 | 0.0    |
| 1.770   | 12.  | 2744.1 | 2741.8 | 2734.1 | 2395.0 | 2739.89 | 0.0    |
| 1.770   | 12.  | 2744.1 | 2741.8 | 2734.1 | 3705.0 | 2740.62 | 0.0    |
| 1.770   | 1.   | 0.0    | 0.0    | 2734.0 | 1125.0 | 2738.76 | 0.0    |
| 1.770   | 1.   | 0.0    | 0.0    | 2734.0 | 1950.0 | 2739.56 | 0.0    |
| 1.770   | 1.   | 0.0    | 0.0    | 2734.0 | 2395.0 | 2739.90 | 0.0    |
| 1.770   | 1.   | 0.0    | 0.0    | 2734.0 | 3705.0 | 2740.62 | 0.0    |
| 1.770   | 10.  | 0.0    | 0.0    | 2734.0 | 1125.0 | 2738.88 | 0.0    |
| 1.770   | 10.  | 0.0    | 0.0    | 2734.0 | 1950.0 | 2739.70 | 0.0    |
| 1.770   | 10.  | 0.0    | 0.0    | 2734.0 | 2395.0 | 2740.04 | 0.0    |
| 1.770   | 10.  | 0.0    | 0.0    | 2734.0 | 3705.0 | 2740.78 | 0.0    |
| * 1.790 | 85.  | 0.0    | 0.0    | 2734.5 | 1120.0 | 2740.20 | 2740.2 |
| * 1.790 | 85.  | 0.0    | 0.0    | 2734.5 | 1945.0 | 2740.95 | 2740.9 |
| * 1.790 | 85.  | 0.0    | 0.0    | 2734.5 | 2390.0 | 2741.23 | 2741.2 |
| * 1.790 | 85.  | 0.0    | 0.0    | 2734.5 | 3700.0 | 2741.83 | 2741.8 |
| 1.790   | 40.  | 0.0    | 0.0    | 2734.5 | 1120.0 | 2741.06 | 0.0    |
| 1.790   | 40.  | 0.0    | 0.0    | 2734.5 | 1945.0 | 2741.82 | 0.0    |
| 1.790   | 40.  | 0.0    | 0.0    | 2734.5 | 2390.0 | 2742.16 | 0.0    |
| 1.790   | 40.  | 0.0    | 0.0    | 2734.5 | 3700.0 | 2742.85 | 0.0    |
| 1.790   | 1.   | 2742.9 | 2742.4 | 2733.5 | 1120.0 | 2741.05 | 0.0    |
| 1.790   | 1.   | 2742.9 | 2742.4 | 2733.5 | 1945.0 | 2741.89 | 0.0    |
| 1.790   | 1.   | 2742.9 | 2742.4 | 2733.5 | 2390.0 | 2742.27 | 0.0    |
| 1.790   | 1.   | 2742.9 | 2742.4 | 2733.5 | 3700.0 | 2742.99 | 0.0    |

| SECNO   | XLCH | ELTRD  | ELLC   | ELMIN  | Q      | CWSEL   | CRIWS  |
|---------|------|--------|--------|--------|--------|---------|--------|
| 1.790   | 12.  | 2742.9 | 2742.4 | 2733.5 | 1120.0 | 2741.27 | 0.0    |
| 1.790   | 12.  | 2742.9 | 2742.4 | 2733.5 | 1945.0 | 2742.09 | 0.0    |
| 1.790   | 12.  | 2742.9 | 2742.4 | 2733.5 | 2390.0 | 2742.43 | 0.0    |
| 1.790   | 12.  | 2742.9 | 2742.4 | 2733.5 | 3700.0 | 2743.14 | 0.0    |
| 1.790   | 1.   | 0.0    | 0.0    | 2734.5 | 1120.0 | 2741.33 | 0.0    |
| 1.790   | 1.   | 0.0    | 0.0    | 2734.5 | 1945.0 | 2742.09 | 0.0    |
| 1.790   | 1.   | 0.0    | 0.0    | 2734.5 | 2390.0 | 2742.42 | 0.0    |
| 1.790   | 1.   | 0.0    | 0.0    | 2734.5 | 3700.0 | 2743.13 | 0.0    |
| 1.790   | 10.  | 0.0    | 0.0    | 2736.8 | 1120.0 | 2741.34 | 0.0    |
| 1.790   | 10.  | 0.0    | 0.0    | 2736.8 | 1945.0 | 2742.10 | 0.0    |
| 1.790   | 10.  | 0.0    | 0.0    | 2736.8 | 2390.0 | 2742.44 | 0.0    |
| 1.790   | 10.  | 0.0    | 0.0    | 2736.8 | 3700.0 | 2743.15 | 0.0    |
| * 1.870 | 395. | 0.0    | 0.0    | 2742.0 | 1105.0 | 2745.94 | 2745.9 |
| * 1.870 | 395. | 0.0    | 0.0    | 2742.0 | 1920.0 | 2747.16 | 2747.1 |
| * 1.870 | 395. | 0.0    | 0.0    | 2742.0 | 2360.0 | 2747.72 | 2747.7 |
| * 1.870 | 395. | 0.0    | 0.0    | 2742.0 | 3650.0 | 2750.21 | 2750.2 |
| * 1.880 | 80.  | 0.0    | 0.0    | 2744.5 | 1105.0 | 2748.61 | 2748.6 |
| * 1.880 | 80.  | 0.0    | 0.0    | 2744.5 | 1920.0 | 2749.89 | 2749.8 |
| * 1.880 | 80.  | 0.0    | 0.0    | 2744.5 | 2360.0 | 2750.48 | 2750.4 |
| * 1.880 | 80.  | 0.0    | 0.0    | 2744.5 | 3650.0 | 2752.86 | 2752.8 |
| * 1.880 | 12.  | 2751.0 | 2749.9 | 2744.5 | 1105.0 | 2750.30 | 0.0    |
| 1.880   | 12.  | 2751.0 | 2749.9 | 2744.5 | 1920.0 | 2751.69 | 0.0    |
| 1.880   | 12.  | 2751.0 | 2749.9 | 2744.5 | 2360.0 | 2751.39 | 0.0    |
| 1.880   | 12.  | 2751.0 | 2749.9 | 2744.5 | 3650.0 | 2753.08 | 0.0    |
| 1.880   | 20.  | 0.0    | 0.0    | 2744.5 | 1105.0 | 2750.53 | 0.0    |
| 1.880   | 20.  | 0.0    | 0.0    | 2744.5 | 1920.0 | 2752.05 | 2749.6 |
| 1.880   | 20.  | 0.0    | 0.0    | 2744.5 | 2360.0 | 2752.23 | 2750.2 |
| 1.880   | 20.  | 0.0    | 0.0    | 2744.5 | 3650.0 | 2753.57 | 0.0    |
| * 2.000 | 700. | 0.0    | 0.0    | 2753.3 | 1085.0 | 2757.85 | 2757.8 |
| * 2.000 | 700. | 0.0    | 0.0    | 2753.3 | 1885.0 | 2758.95 | 2758.9 |
| * 2.000 | 700. | 0.0    | 0.0    | 2753.3 | 2315.0 | 2759.48 | 2759.4 |
| * 2.000 | 700. | 0.0    | 0.0    | 2753.3 | 3580.0 | 2760.87 | 2760.8 |
| 2.120   | 650. | 0.0    | 0.0    | 2767.5 | 1065.0 | 2772.18 | 0.0    |
| * 2.120 | 650. | 0.0    | 0.0    | 2767.5 | 1845.0 | 2773.10 | 2773.1 |
| * 2.120 | 650. | 0.0    | 0.0    | 2767.5 | 2270.0 | 2773.62 | 2773.6 |
| * 2.120 | 650. | 0.0    | 0.0    | 2767.5 | 3500.0 | 2774.98 | 2774.9 |
| 2.130   | 60.  | 0.0    | 0.0    | 2768.8 | 1065.0 | 2773.39 | 2773.3 |
| * 2.130 | 60.  | 0.0    | 0.0    | 2768.8 | 1845.0 | 2774.42 | 2774.4 |
| * 2.130 | 60.  | 0.0    | 0.0    | 2768.8 | 2270.0 | 2774.94 | 2774.9 |
| * 2.130 | 60.  | 0.0    | 0.0    | 2768.8 | 3500.0 | 2776.31 | 2776.3 |
| 2.130   | 12.  | 2776.4 | 2775.5 | 2768.8 | 1065.0 | 2773.43 | 0.0    |
| * 2.130 | 12.  | 2776.4 | 2775.5 | 2768.8 | 1845.0 | 2776.92 | 0.0    |
| 2.130   | 12.  | 2776.4 | 2775.5 | 2768.8 | 2270.0 | 2777.77 | 0.0    |
| 2.130   | 12.  | 2776.4 | 2775.5 | 2768.8 | 3500.0 | 2779.43 | 0.0    |

|   | SECNO | XLCH | ELTRD  | ELLC   | ELMIN  | Q      | CWSEL   | CRWS   |
|---|-------|------|--------|--------|--------|--------|---------|--------|
| * | 2.130 | 15.  | 0.0    | 0.0    | 2770.8 | 1065.0 | 2775.34 | 2775.3 |
|   | 2.130 | 15.  | 0.0    | 0.0    | 2770.8 | 1845.0 | 2776.44 | 2776.4 |
|   | 2.130 | 15.  | 0.0    | 0.0    | 2770.8 | 2270.0 | 2777.36 | 0.0    |
|   | 2.130 | 15.  | 0.0    | 0.0    | 2770.8 | 3500.0 | 2778.97 | 0.0    |
|   | 2.200 | 370. | 0.0    | 0.0    | 2779.7 | 1055.0 | 2784.08 | 0.0    |
| * | 2.200 | 370. | 0.0    | 0.0    | 2779.7 | 1825.0 | 2785.39 | 2785.3 |
| * | 2.200 | 370. | 0.0    | 0.0    | 2779.7 | 2240.0 | 2786.06 | 2786.0 |
| * | 2.200 | 370. | 0.0    | 0.0    | 2779.7 | 3460.0 | 2787.76 | 2787.7 |
| * | 2.240 | 230. | 0.0    | 0.0    | 2785.9 | 1045.0 | 2790.10 | 2790.1 |
| * | 2.240 | 230. | 0.0    | 0.0    | 2785.9 | 1810.0 | 2791.50 | 2791.5 |
| * | 2.240 | 230. | 0.0    | 0.0    | 2785.9 | 2225.0 | 2792.15 | 2792.1 |
| * | 2.240 | 230. | 0.0    | 0.0    | 2785.9 | 3430.0 | 2795.02 | 2795.0 |
| * | 2.250 | 40.  | 0.0    | 0.0    | 2786.9 | 1045.0 | 2791.08 | 2791.0 |
| * | 2.250 | 40.  | 0.0    | 0.0    | 2786.9 | 1810.0 | 2792.52 | 2792.5 |
| * | 2.250 | 40.  | 0.0    | 0.0    | 2786.9 | 2225.0 | 2793.18 | 2793.1 |
| * | 2.250 | 40.  | 0.0    | 0.0    | 2786.9 | 3430.0 | 2796.03 | 2796.0 |
|   | 2.250 | 12.  | 2795.3 | 2795.0 | 2786.9 | 1045.0 | 2791.38 | 0.0    |
|   | 2.250 | 12.  | 2795.3 | 2795.0 | 2786.9 | 1810.0 | 2792.91 | 0.0    |
|   | 2.250 | 12.  | 2795.3 | 2795.0 | 2786.9 | 2225.0 | 2796.41 | 0.0    |
|   | 2.250 | 12.  | 2795.3 | 2795.0 | 2786.9 | 3430.0 | 2797.24 | 0.0    |
| * | 2.250 | 10.  | 0.0    | 0.0    | 2788.6 | 1045.0 | 2792.82 | 2792.8 |
| * | 2.250 | 10.  | 0.0    | 0.0    | 2788.6 | 1810.0 | 2794.25 | 2794.2 |
|   | 2.250 | 10.  | 0.0    | 0.0    | 2788.6 | 2225.0 | 2795.92 | 0.0    |
|   | 2.250 | 10.  | 0.0    | 0.0    | 2788.6 | 3430.0 | 2797.97 | 2797.9 |
|   | 2.440 | 970. | 0.0    | 0.0    | 2808.5 | 1010.0 | 2813.09 | 0.0    |
| * | 2.440 | 970. | 0.0    | 0.0    | 2808.5 | 1750.0 | 2814.40 | 2814.4 |
| * | 2.440 | 970. | 0.0    | 0.0    | 2808.5 | 2150.0 | 2815.07 | 2815.0 |
| * | 2.440 | 970. | 0.0    | 0.0    | 2808.5 | 3315.0 | 2816.74 | 2816.7 |
|   | 2.450 | 60.  | 0.0    | 0.0    | 2809.2 | 1010.0 | 2814.46 | 0.0    |
|   | 2.450 | 60.  | 0.0    | 0.0    | 2809.2 | 1750.0 | 2816.13 | 0.0    |
|   | 2.450 | 60.  | 0.0    | 0.0    | 2809.2 | 2150.0 | 2816.84 | 0.0    |
|   | 2.450 | 60.  | 0.0    | 0.0    | 2809.2 | 3315.0 | 2818.60 | 0.0    |
|   | 2.450 | 12.  | 2822.2 | 2820.5 | 2809.2 | 1010.0 | 2814.56 | 0.0    |
|   | 2.450 | 12.  | 2822.2 | 2820.5 | 2809.2 | 1750.0 | 2816.26 | 0.0    |
|   | 2.450 | 12.  | 2822.2 | 2820.5 | 2809.2 | 2150.0 | 2817.00 | 0.0    |
|   | 2.450 | 12.  | 2822.2 | 2820.5 | 2809.2 | 3315.0 | 2819.44 | 0.0    |
| * | 2.450 | 15.  | 0.0    | 0.0    | 2810.6 | 1010.0 | 2815.03 | 2815.0 |
| * | 2.450 | 15.  | 0.0    | 0.0    | 2810.6 | 1750.0 | 2816.50 | 2816.5 |
| * | 2.450 | 15.  | 0.0    | 0.0    | 2810.6 | 2150.0 | 2817.18 | 2817.1 |
|   | 2.450 | 15.  | 0.0    | 0.0    | 2810.6 | 3315.0 | 2819.05 | 0.0    |
| * | 2.580 | 630. | 0.0    | 0.0    | 2846.0 | 990.0  | 2850.39 | 2850.3 |
| * | 2.580 | 630. | 0.0    | 0.0    | 2846.0 | 1710.0 | 2851.83 | 2851.8 |
| * | 2.580 | 630. | 0.0    | 0.0    | 2846.0 | 2100.0 | 2852.48 | 2852.4 |
|   | 2.580 | 630. | 0.0    | 0.0    | 2846.0 | 3235.0 | 2854.16 | 2854.1 |

|   | SECNO | XLCH | ELTRD  | ELLC   | ELMIN  | Q      | CWSEL   | CRIMS  |
|---|-------|------|--------|--------|--------|--------|---------|--------|
| * | 2.660 | 310. | 0.0    | 0.0    | 2864.2 | 975.0  | 2868.50 | 2868.5 |
| * | 2.660 | 310. | 0.0    | 0.0    | 2864.2 | 1685.0 | 2870.62 | 2870.6 |
| * | 2.660 | 310. | 0.0    | 0.0    | 2864.2 | 2070.0 | 2871.07 | 2871.0 |
| * | 2.660 | 310. | 0.0    | 0.0    | 2864.2 | 3185.0 | 2872.01 | 2872.0 |
| * | 2.670 | 60.  | 0.0    | 0.0    | 2865.5 | 975.0  | 2870.11 | 2870.1 |
| * | 2.670 | 60.  | 0.0    | 0.0    | 2865.5 | 1685.0 | 2872.60 | 2872.6 |
| * | 2.670 | 60.  | 0.0    | 0.0    | 2865.5 | 2070.0 | 2872.94 | 2872.9 |
| * | 2.670 | 60.  | 0.0    | 0.0    | 2865.5 | 3185.0 | 2873.77 | 2873.7 |
| * | 2.670 | 12.  | 2871.1 | 2872.0 | 2865.5 | 975.0  | 2871.13 | 2870.1 |
| * | 2.670 | 12.  | 2871.1 | 2872.0 | 2865.5 | 1685.0 | 2872.77 | 0.0    |
| * | 2.670 | 12.  | 2871.1 | 2872.0 | 2865.5 | 2070.0 | 2873.18 | 0.0    |
| * | 2.670 | 12.  | 2871.1 | 2872.0 | 2865.5 | 3185.0 | 2874.02 | 0.0    |
|   | 2.670 | 15.  | 0.0    | 0.0    | 2865.5 | 975.0  | 2872.15 | 0.0    |
|   | 2.670 | 15.  | 0.0    | 0.0    | 2865.5 | 1685.0 | 2873.56 | 0.0    |
|   | 2.670 | 15.  | 0.0    | 0.0    | 2865.5 | 2070.0 | 2874.09 | 0.0    |
|   | 2.670 | 15.  | 0.0    | 0.0    | 2865.5 | 3185.0 | 2874.37 | 0.0    |
| * | 2.800 | 680. | 0.0    | 0.0    | 2879.0 | 955.0  | 2883.51 | 2883.5 |
| * | 2.800 | 680. | 0.0    | 0.0    | 2879.0 | 1645.0 | 2885.80 | 2885.8 |
| * | 2.800 | 680. | 0.0    | 0.0    | 2879.0 | 2020.0 | 2886.16 | 2886.1 |
| * | 2.800 | 680. | 0.0    | 0.0    | 2879.0 | 3110.0 | 2887.29 | 2887.2 |
|   | 2.940 | 720. | 0.0    | 0.0    | 2893.3 | 930.0  | 2898.08 | 0.0    |
| * | 2.940 | 720. | 0.0    | 0.0    | 2893.3 | 1600.0 | 2899.37 | 2899.3 |
| * | 2.940 | 720. | 0.0    | 0.0    | 2893.3 | 1965.0 | 2900.05 | 2900.0 |
| * | 2.940 | 720. | 0.0    | 0.0    | 2893.3 | 3020.0 | 2901.80 | 2901.8 |
| * | 2.950 | 40.  | 0.0    | 0.0    | 2895.3 | 930.0  | 2899.85 | 2899.8 |
| * | 2.950 | 40.  | 0.0    | 0.0    | 2895.3 | 1600.0 | 2901.37 | 2901.3 |
| * | 2.950 | 40.  | 0.0    | 0.0    | 2895.3 | 1965.0 | 2902.07 | 2902.0 |
| * | 2.950 | 40.  | 0.0    | 0.0    | 2895.3 | 3020.0 | 2903.80 | 2903.8 |
|   | 2.950 | 22.  | 2903.3 | 2901.6 | 2895.3 | 930.0  | 2899.85 | 0.0    |
|   | 2.950 | 22.  | 2903.3 | 2901.6 | 2895.3 | 1600.0 | 2901.91 | 0.0    |
|   | 2.950 | 22.  | 2903.3 | 2901.6 | 2895.3 | 1965.0 | 2903.73 | 0.0    |
|   | 2.950 | 22.  | 2903.3 | 2901.6 | 2895.3 | 3020.0 | 2904.59 | 0.0    |
|   | 2.950 | 10.  | 0.0    | 0.0    | 2895.3 | 930.0  | 2900.76 | 0.0    |
|   | 2.950 | 10.  | 0.0    | 0.0    | 2895.3 | 1600.0 | 2902.42 | 0.0    |
|   | 2.950 | 10.  | 0.0    | 0.0    | 2895.3 | 1965.0 | 2903.91 | 0.0    |
|   | 2.950 | 10.  | 0.0    | 0.0    | 2895.3 | 3020.0 | 2905.09 | 0.0    |
| * | 2.960 | 50.  | 0.0    | 0.0    | 2899.5 | 930.0  | 2903.25 | 2903.2 |
| * | 2.960 | 50.  | 0.0    | 0.0    | 2899.5 | 1600.0 | 2904.52 | 2904.5 |
| * | 2.960 | 50.  | 0.0    | 0.0    | 2899.5 | 1965.0 | 2905.07 | 2905.0 |
| * | 2.960 | 50.  | 0.0    | 0.0    | 2899.5 | 3020.0 | 2906.85 | 2906.8 |
| * | 3.060 | 510. | 0.0    | 0.0    | 2915.2 | 910.0  | 2919.66 | 2919.6 |
| * | 3.060 | 510. | 0.0    | 0.0    | 2915.2 | 1565.0 | 2921.19 | 2921.1 |
| * | 3.060 | 510. | 0.0    | 0.0    | 2915.2 | 1920.0 | 2921.79 | 2921.7 |
| * | 3.060 | 510. | 0.0    | 0.0    | 2915.2 | 2950.0 | 2923.91 | 2923.9 |

|   | SECNO | XLCH | ELTRD  | ELLC   | ELMIN  | Q      | CWSEL   | CRHS   |
|---|-------|------|--------|--------|--------|--------|---------|--------|
| * | 3.070 | 60.  | 0.0    | 0.0    | 2917.2 | 910.0  | 2921.63 | 2921.6 |
| * | 3.070 | 60.  | 0.0    | 0.0    | 2917.2 | 1565.0 | 2923.16 | 2923.1 |
| * | 3.070 | 60.  | 0.0    | 0.0    | 2917.2 | 1920.0 | 2923.91 | 2923.9 |
| * | 3.070 | 60.  | 0.0    | 0.0    | 2917.2 | 2950.0 | 2926.11 | 2926.1 |
|   | 3.070 | 12.  | 2925.6 | 2925.5 | 2917.2 | 910.0  | 2922.39 | 0.0    |
| * | 3.070 | 12.  | 2925.6 | 2925.5 | 2917.2 | 1565.0 | 2923.75 | 0.0    |
| * | 3.070 | 12.  | 2925.6 | 2925.5 | 2917.2 | 1920.0 | 2924.14 | 0.0    |
| * | 3.070 | 12.  | 2925.6 | 2925.5 | 2917.2 | 2950.0 | 2926.31 | 0.0    |
| * | 3.070 | 15.  | 0.0    | 0.0    | 2919.2 | 910.0  | 2923.67 | 2923.6 |
| * | 3.070 | 15.  | 0.0    | 0.0    | 2919.2 | 1565.0 | 2925.19 | 2925.1 |
| * | 3.070 | 15.  | 0.0    | 0.0    | 2919.2 | 1920.0 | 2925.89 | 2925.8 |
| * | 3.070 | 15.  | 0.0    | 0.0    | 2919.2 | 2950.0 | 2928.06 | 2928.0 |
|   | 3.210 | 710. | 0.0    | 0.0    | 2930.2 | 885.0  | 2935.70 | 0.0    |
|   | 3.210 | 710. | 0.0    | 0.0    | 2930.2 | 1520.0 | 2937.39 | 0.0    |
|   | 3.210 | 710. | 0.0    | 0.0    | 2930.2 | 1865.0 | 2938.12 | 0.0    |
|   | 3.210 | 710. | 0.0    | 0.0    | 2930.2 | 2865.0 | 2939.21 | 0.0    |
|   | 3.220 | 60.  | 0.0    | 0.0    | 2932.0 | 885.0  | 2936.44 | 0.0    |
|   | 3.220 | 60.  | 0.0    | 0.0    | 2932.0 | 1520.0 | 2938.07 | 0.0    |
|   | 3.220 | 60.  | 0.0    | 0.0    | 2932.0 | 1865.0 | 2938.79 | 0.0    |
|   | 3.220 | 60.  | 0.0    | 0.0    | 2932.0 | 2865.0 | 2940.08 | 0.0    |
|   | 3.220 | 12.  | 2944.2 | 2943.5 | 2932.0 | 885.0  | 2936.53 | 0.0    |
|   | 3.220 | 12.  | 2944.2 | 2943.5 | 2932.0 | 1520.0 | 2938.18 | 0.0    |
|   | 3.220 | 12.  | 2944.2 | 2943.5 | 2932.0 | 1865.0 | 2938.90 | 0.0    |
|   | 3.220 | 12.  | 2944.2 | 2943.5 | 2932.0 | 2865.0 | 2940.28 | 0.0    |
| * | 3.220 | 15.  | 0.0    | 0.0    | 2934.9 | 885.0  | 2938.91 | 2938.9 |
| * | 3.220 | 15.  | 0.0    | 0.0    | 2934.9 | 1520.0 | 2940.23 | 2940.2 |
| * | 3.220 | 15.  | 0.0    | 0.0    | 2934.9 | 1865.0 | 2940.87 | 2940.8 |
| * | 3.220 | 15.  | 0.0    | 0.0    | 2934.9 | 2865.0 | 2942.36 | 2942.3 |
| * | 3.250 | 100. | 0.0    | 0.0    | 2942.5 | 880.0  | 2946.50 | 2946.5 |
| * | 3.250 | 100. | 0.0    | 0.0    | 2942.5 | 1510.0 | 2947.82 | 2947.8 |
| * | 3.250 | 100. | 0.0    | 0.0    | 2942.5 | 1855.0 | 2948.43 | 2948.4 |
| * | 3.250 | 100. | 0.0    | 0.0    | 2942.5 | 2845.0 | 2949.93 | 2949.9 |
| * | 3.310 | 315. | 0.0    | 0.0    | 2961.5 | 865.0  | 2965.08 | 2965.0 |
| * | 3.310 | 315. | 0.0    | 0.0    | 2961.5 | 1490.0 | 2966.36 | 2966.3 |
| * | 3.310 | 315. | 0.0    | 0.0    | 2961.5 | 1825.0 | 2966.97 | 2966.9 |
| * | 3.310 | 315. | 0.0    | 0.0    | 2961.5 | 2805.0 | 2968.43 | 2968.4 |
| * | 3.320 | 60.  | 0.0    | 0.0    | 2963.9 | 865.0  | 2968.03 | 2968.0 |
| * | 3.320 | 60.  | 0.0    | 0.0    | 2963.9 | 1490.0 | 2969.88 | 2969.8 |
| * | 3.320 | 60.  | 0.0    | 0.0    | 2963.9 | 1825.0 | 2970.48 | 2970.4 |
| * | 3.320 | 60.  | 0.0    | 0.0    | 2963.9 | 2805.0 | 2972.25 | 2972.2 |
| * | 3.320 | 1.   | 2973.4 | 2973.0 | 2963.9 | 865.0  | 2968.79 | 2968.7 |
| * | 3.320 | 1.   | 2973.4 | 2973.0 | 2963.9 | 1490.0 | 2971.01 | 2971.0 |
| * | 3.320 | 1.   | 2973.4 | 2973.0 | 2963.9 | 1825.0 | 2971.98 | 2971.9 |
| * | 3.320 | 1.   | 2973.4 | 2973.0 | 2963.9 | 2805.0 | 2973.95 | 2973.9 |

| SECNO   | XLCH | ELTRD  | ELLC   | ELMIN  | Q      | CWSEL   | CRWS   |
|---------|------|--------|--------|--------|--------|---------|--------|
| 3.320   | 12.  | 2973.4 | 2973.0 | 2963.9 | 865.0  | 2969.79 | 0.0    |
| 3.320   | 12.  | 2973.4 | 2973.0 | 2963.9 | 1490.0 | 2972.40 | 0.0    |
| 3.320   | 12.  | 2973.4 | 2973.0 | 2963.9 | 1825.0 | 2973.89 | 0.0    |
| 3.320   | 12.  | 2973.4 | 2973.0 | 2963.9 | 2805.0 | 2975.08 | 0.0    |
| 3.320   | 1.   | 0.0    | 0.0    | 2963.9 | 865.0  | 2970.67 | 0.0    |
| 3.320   | 1.   | 0.0    | 0.0    | 2963.9 | 1490.0 | 2973.12 | 0.0    |
| 3.320   | 1.   | 0.0    | 0.0    | 2963.9 | 1825.0 | 2973.98 | 0.0    |
| 3.320   | 1.   | 0.0    | 0.0    | 2963.9 | 2805.0 | 2975.20 | 0.0    |
| 3.320   | 15.  | 0.0    | 0.0    | 2966.5 | 865.0  | 2970.46 | 0.0    |
| 3.320   | 15.  | 0.0    | 0.0    | 2966.5 | 1490.0 | 2973.05 | 0.0    |
| 3.320   | 15.  | 0.0    | 0.0    | 2966.5 | 1825.0 | 2973.93 | 0.0    |
| 3.320   | 15.  | 0.0    | 0.0    | 2966.5 | 2805.0 | 2974.95 | 0.0    |
| * 3.360 | 160. | 0.0    | 0.0    | 2973.7 | 860.0  | 2977.45 | 2977.4 |
| * 3.360 | 160. | 0.0    | 0.0    | 2973.7 | 1480.0 | 2978.58 | 2978.5 |
| * 3.360 | 160. | 0.0    | 0.0    | 2973.7 | 1810.0 | 2979.06 | 2979.0 |
| * 3.360 | 160. | 0.0    | 0.0    | 2973.7 | 2780.0 | 2980.25 | 2980.2 |
| 3.360   | 60.  | 0.0    | 0.0    | 2973.7 | 860.0  | 2978.90 | 0.0    |
| 3.360   | 60.  | 0.0    | 0.0    | 2973.7 | 1480.0 | 2980.18 | 0.0    |
| 3.360   | 60.  | 0.0    | 0.0    | 2973.7 | 1810.0 | 2980.74 | 0.0    |
| 3.360   | 60.  | 0.0    | 0.0    | 2973.7 | 2780.0 | 2982.15 | 0.0    |
| * 3.360 | 12.  | 2977.8 | 2977.4 | 2973.7 | 860.0  | 2980.02 | 0.0    |
| * 3.360 | 12.  | 2977.8 | 2977.4 | 2973.7 | 1480.0 | 2981.06 | 0.0    |
| * 3.360 | 12.  | 2977.8 | 2977.4 | 2973.7 | 1810.0 | 2981.48 | 0.0    |
| 3.360   | 12.  | 2977.8 | 2977.4 | 2973.7 | 2780.0 | 2982.44 | 0.0    |
| 3.360   | 15.  | 0.0    | 0.0    | 2975.7 | 860.0  | 2979.71 | 2979.4 |
| * 3.360 | 15.  | 0.0    | 0.0    | 2975.7 | 1480.0 | 2980.59 | 2980.5 |
| * 3.360 | 15.  | 0.0    | 0.0    | 2975.7 | 1810.0 | 2981.07 | 2981.0 |
| * 3.360 | 15.  | 0.0    | 0.0    | 2975.7 | 2780.0 | 2982.31 | 2982.3 |
| * 3.480 | 600. | 0.0    | 0.0    | 2997.4 | 840.0  | 3001.44 | 3001.4 |
| * 3.480 | 600. | 0.0    | 0.0    | 2997.4 | 1445.0 | 3002.60 | 3002.6 |
| * 3.480 | 600. | 0.0    | 0.0    | 2997.4 | 1765.0 | 3003.14 | 3003.1 |
| * 3.480 | 600. | 0.0    | 0.0    | 2997.4 | 2710.0 | 3004.49 | 3004.4 |
| * 3.500 | 100. | 0.0    | 0.0    | 3017.4 | 835.0  | 3021.42 | 3021.4 |
| * 3.500 | 100. | 0.0    | 0.0    | 3017.4 | 1435.0 | 3022.59 | 3022.5 |
| * 3.500 | 100. | 0.0    | 0.0    | 3017.4 | 1760.0 | 3023.14 | 3023.1 |
| * 3.500 | 100. | 0.0    | 0.0    | 3017.4 | 2700.0 | 3024.48 | 3024.4 |
| * 3.540 | 275. | 0.0    | 0.0    | 3028.4 | 830.0  | 3032.41 | 3032.4 |
| * 3.540 | 275. | 0.0    | 0.0    | 3028.4 | 1425.0 | 3033.57 | 3033.5 |
| * 3.540 | 275. | 0.0    | 0.0    | 3028.4 | 1745.0 | 3034.11 | 3034.1 |
| * 3.540 | 275. | 0.0    | 0.0    | 3028.4 | 2675.0 | 3035.44 | 3035.4 |