

BOWLENS

CREEK

BOWLENS CREEK

YANCEY CO NC FEMA STUDY

500 YR FLOOD

100 YR FLOOD

50 YR FLOOD

10 YR FLOOD

STILE	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.080 ^{Q*} D.S.	4275.	2610.3 2615.5	2755.	2603.8 2613.2	2240.	2601.1 2612.2	1285.	2596.2 2610.1
0.080 U.S.	4275.	2617.4	2755.	2614.3	2240.	2612.6	1285.	2610.8
0.250	4215.	2623.8	2715.	2621.6	2210.	2620.9	1270.	2618.6
0.270	4210.	2629.5	2715.	2627.9	2210.	2627.3	1270.	2625.7
0.400	4165.	2644.7	2685.	2643.2	2185.	2642.6	1255.	2641.0
0.640 D.S.	4085.	2658.3	2635.	2656.5	2145.	2655.8	1235.	2654.2
0.640 U.S.	4085.	2659.4	2635.	2658.1	2145.	2657.6	1235.	2656.2
0.810	4025.	2668.5	2595.	2667.0	2115.	2666.4	1215.	2665.1
0.820 D.S.	4025.	2670.7	2595.	2668.9	2115.	2668.2	1215.	2666.6
0.820 U.S.	4025.	2670.9	2595.	2669.7	2115.	2669.1	1215.	2667.8
0.940	3980.	2675.6	2570.	2674.2	2090.	2673.7	1205.	2672.2
0.950 D.S.	3980.	2678.2	2570.	2677.2	2090.	2676.7	1205.	2675.2
0.950 U.S.	3980.	2678.8	2570.	2677.8	2090.	2677.3	1205.	2676.5
1.100	3930.	2691.4	2540.	2690.4	2065.	2689.8	1190.	2688.4
1.240	3885.	2698.9	2510.	2697.7	2040.	2697.3	1175.	2696.2
1.560	3770.	2726.2	2440.	2724.5	1985.	2723.1	1140.	2721.4
1.570 D.S.	3770.	2727.2	2440.	2725.5	1985.	2724.9	1140.	2723.0
1.570 U.S.	3770.	2727.9	2440.	2726.4	1985.	2725.7	1140.	2723.5
1.600	3760.	2729.4	2430.	2727.7	1980.	2726.8	1140.	2725.0
1.660 D.S.	3740.	2733.2	2420.	2732.2	1970.	2731.8	1135.	2730.5
1.660 U.S.	3740.	2734.5	2420.	2733.4	1970.	2732.9	1135.	2731.8
1.760	3705.	2739.3	2395.	2738.6	1950.	2738.4	1125.	2737.7
1.770 D.S.	3705.	2740.5	2395.	2739.8	1950.	2739.4	1125.	2738.6
1.770 U.S.	3705.	2740.8	2395.	2740.0	1950.	2739.7	1125.	2738.9
1.790 D.S.	3700.	2741.8	2390.	2741.2	1945.	2741.0	1120.	2740.2
1.790 U.S.	3700.	2743.2	2390.	2742.4	1945.	2742.1	1120.	2741.3
1.870	3650.	2750.2	2360.	2747.7	1920.	2747.2	1105.	2745.9
1.880 D.S.	3650.	2752.9	2360.	2750.5	1920.	2749.9	1105.	2748.6

2.000	3580.	2760.9	2315.	2759.5	1885.	2758.9	1085.	2757.8
2.120	3500.	2775.0	2270.	2773.6	1845.	2773.1	1065.	2772.2
2.130 D.S.	3500.	2776.3	2270.	2774.9	1845.	2774.4	1065.	2773.4
2.130 U.S.	3500.	2779.0	2270.	2777.4	1845.	2776.4	1065.	2775.3
2.200	3460.	2787.8	2240.	2786.1	1825.	2785.4	1055.	2784.1
2.240	3430.	2795.0	2225.	2792.2	1810.	2791.5	1045.	2790.1
2.250 D.S.	3430.	2796.0	2225.	2793.2	1810.	2792.5	1045.	2791.1
2.250 U.S.	3430.	2798.0	2225.	2795.9	1810.	2794.2	1045.	2792.8
2.440	3315.	2816.7	2150.	2815.1	1750.	2814.4	1010.	2813.1
2.450 D.S.	3315.	2818.6	2150.	2816.8	1750.	2816.1	1010.	2814.5
2.450 U.S.	3315.	2819.0	2150.	2817.2	1750.	2816.5	1010.	2815.0
2.580	3235.	2854.2	2100.	2852.5	1710.	2851.8	990.	2850.4
2.660	3185.	2872.0	2070.	2871.1	1685.	2870.6	975.	2868.5
2.670 D.S.	3185.	2873.8	2070.	2872.9	1685.	2872.6	975.	2870.1
2.670 U.S.	3185.	2874.4	2070.	2874.1	1685.	2873.6	975.	2872.2
2.800	3110.	2887.3	2020.	2886.2	1645.	2885.8	955.	2883.5
2.940	3020.	2901.8	1965.	2900.1	1600.	2899.4	930.	2898.1
2.950 D.S.	3020.	2903.8	1965.	2902.1	1600.	2901.4	930.	2899.8
2.950 U.S.	3020.	2905.1	1965.	2903.9	1600.	2902.4	930.	2900.8
2.960	3020.	2906.9	1965.	2905.1	1600.	2904.5	930.	2903.3
3.060	2950.	2923.9	1920.	2921.8	1565.	2921.2	910.	2919.7
3.070 D.S.	2950.	2926.1	1920.	2923.9	1565.	2923.2	910.	2921.6
3.070 U.S.	2950.	2928.1	1920.	2925.9	1565.	2925.2	910.	2923.7
3.210	2865.	2939.2	1865.	2938.1	1520.	2937.4	885.	2935.7
3.220 D.S.	2865.	2940.1	1865.	2938.8	1520.	2938.1	885.	2936.4
3.220 U.S.	2865.	2942.4	1865.	2940.9	1520.	2940.2	885.	2938.9
3.250	2845.	2949.9	1855.	2948.4	1510.	2947.8	880.	2946.5
3.310	2805.	2968.4	1825.	2967.0	1490.	2966.4	865.	2965.1
3.320 D.S.	2805.	2972.2	1825.	2970.5	1490.	2969.9	865.	2968.0
3.320 U.S.	2805.	2974.9	1825.	2973.9	1490.	2973.1	865.	2970.5
3.360 D.S.	2780.	2980.2	1810.	2979.1	1480.	2978.6	860.	2977.5
3.360 U.S.	2780.	2982.3	1810.	2981.1	1480.	2980.6	860.	2979.7

3.500	2700.	3024.5	1760.	3023.1	1435.	3022.6	835.	3021.4
3.540	2675.	3035.4	1745.	3034.1	1425.	3033.6	830.	3032.4

* CANE RIVER MILE 29.45 ELEVATIONS @ THE MOUTH OF BOWLENS CREEK

BOWLENS CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.080	1285.	2610.1	0.0	0.0	0.0	37.34	0.0
0.080	2240.	2612.2	2.1	0.0	0.0	51.71	0.0
0.080	2755.	2613.2	1.0	0.0	0.0	54.31	0.0
0.080	4275.	2615.5	2.3	0.0	0.0	60.51	0.0
0.080	1285.	2610.5	0.0	0.4	0.0	38.49	60.00
0.080	2240.	2612.7	2.1	0.5	0.0	42.20	60.00
0.080	2755.	2613.6	0.9	0.4	0.0	43.59	60.00
0.080	4275.	2616.0	2.4	0.5	0.0	77.02	60.00
0.080	1285.	2610.5	0.0	0.0	0.0	38.58	72.00
0.080	2240.	2612.7	2.2	0.1	0.0	42.29	72.00
0.080	2755.	2614.4	1.7	0.8	0.0	44.76	72.00
0.080	4275.	2617.5	3.1	1.5	0.0	102.85	72.00
*	0.080	1285.	2610.8	0.0	0.3	32.27	15.00
*	0.080	2240.	2612.6	1.7	-0.2	36.78	15.00
0.080	2755.	2614.3	1.7	-0.1	0.0	50.08	15.00
0.080	4275.	2617.4	3.1	-0.1	0.0	58.49	15.00
0.250	1270.	2618.6	0.0	7.8	0.0	55.56	815.00
0.250	2210.	2620.9	2.3	8.3	0.0	64.03	815.00
0.250	2715.	2621.6	0.7	7.3	0.0	66.71	815.00
0.250	4215.	2623.8	2.2	6.4	0.0	74.95	815.00
*	0.270	1270.	2625.7	0.0	7.1	39.61	100.00
*	0.270	2210.	2627.3	1.5	6.4	47.29	100.00
*	0.270	2715.	2627.9	0.7	6.3	50.67	100.00
*	0.270	4210.	2629.5	1.6	5.7	56.56	100.00
0.400	1255.	2641.0	0.0	15.3	0.0	43.56	650.00
0.400	2185.	2642.6	1.6	15.3	0.0	51.25	650.00
0.400	2685.	2643.2	0.6	15.3	0.0	53.49	650.00
0.400	4165.	2644.7	1.5	15.1	0.0	58.89	650.00
0.640	1235.	2654.2	0.0	13.1	0.0	82.70	1190.00
0.640	2145.	2655.8	1.6	13.2	0.0	112.91	1190.00
0.640	2635.	2656.5	0.7	13.3	0.0	121.95	1190.00
0.640	4085.	2658.3	1.8	13.7	0.0	147.52	1190.00
0.640	1235.	2654.6	0.0	0.4	0.0	88.83	60.00
0.640	2145.	2656.3	1.7	0.5	0.0	119.08	60.00
0.640	2635.	2657.0	0.7	0.5	0.0	128.39	60.00
0.640	4085.	2658.9	1.9	0.6	0.0	156.26	60.00
0.640	1235.	2656.2	0.0	1.6	0.0	117.59	12.00
*	0.640	2145.	2657.6	1.4	1.3	135.56	12.00
*	0.640	2635.	2658.1	0.5	1.1	143.51	12.00
*	0.640	4085.	2659.4	1.3	0.5	163.83	12.00
0.640	1235.	2656.2	0.0	-0.0	0.0	117.50	15.00
0.640	2145.	2657.6	1.4	-0.0	0.0	135.34	15.00
0.640	2635.	2658.1	0.5	-0.0	0.0	143.19	15.00
0.640	4085.	2659.4	1.3	-0.0	0.0	163.19	15.00

BOWLENS CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.080	1285.	2610.1	0.0	0.0	0.0	37.34	0.0
0.080	2240.	2612.2	2.1	0.0	0.0	51.71	0.0
0.080	2755.	2613.2	1.0	0.0	0.0	54.31	0.0
0.080	4275.	2615.5	2.3	0.0	0.0	60.51	0.0
0.080	1285.	2610.5	0.0	0.4	0.0	38.49	60.00
0.080	2240.	2612.7	2.1	0.5	0.0	42.20	60.00
0.080	2755.	2613.6	0.9	0.4	0.0	43.59	60.00
0.080	4275.	2616.0	2.4	0.5	0.0	77.02	60.00
0.080	1285.	2610.5	0.0	0.0	0.0	38.58	72.00
0.080	2240.	2612.7	2.2	0.1	0.0	42.29	72.00
0.080	2755.	2614.4	1.7	0.8	0.0	44.76	72.00
0.080	4275.	2617.5	3.1	1.5	0.0	102.85	72.00
*	0.080	1285.	2610.8	0.0	0.3	32.27	15.00
*	0.080	2240.	2612.6	1.7	-0.2	36.78	15.00
0.080	2755.	2614.3	1.7	-0.1	0.0	50.08	15.00
0.080	4275.	2617.4	3.1	-0.1	0.0	58.49	15.00
0.250	1270.	2618.6	0.0	7.8	0.0	55.56	815.00
0.250	2210.	2620.9	2.3	8.3	0.0	64.03	815.00
0.250	2715.	2621.6	0.7	7.3	0.0	66.71	815.00
0.250	4215.	2623.8	2.2	6.4	0.0	74.95	815.00
*	0.270	1270.	2625.7	0.0	7.1	39.61	100.00
*	0.270	2210.	2627.3	1.5	6.4	47.29	100.00
*	0.270	2715.	2627.9	0.7	6.3	50.67	100.00
*	0.270	4210.	2629.5	1.6	5.7	56.56	100.00
0.400	1255.	2641.0	0.0	15.3	0.0	43.56	650.00
0.400	2185.	2642.6	1.6	15.3	0.0	51.25	650.00
0.400	2685.	2643.2	0.6	15.3	0.0	53.49	650.00
0.400	4165.	2644.7	1.5	15.1	0.0	58.89	650.00
0.640	1235.	2654.2	0.0	13.1	0.0	82.70	1190.00
0.640	2145.	2655.8	1.6	13.2	0.0	112.91	1190.00
0.640	2635.	2656.5	0.7	13.3	0.0	121.95	1190.00
0.640	4085.	2658.3	1.8	13.7	0.0	147.52	1190.00
0.640	1235.	2654.6	0.0	0.4	0.0	88.83	60.00
0.640	2145.	2656.3	1.7	0.5	0.0	119.08	60.00
0.640	2635.	2657.0	0.7	0.5	0.0	128.39	60.00
0.640	4085.	2658.9	1.9	0.6	0.0	156.26	60.00
0.640	1235.	2656.2	0.0	1.6	0.0	117.59	12.00
*	0.640	2145.	2657.6	1.4	1.3	135.56	12.00
*	0.640	2635.	2658.1	0.5	1.1	143.51	12.00
*	0.640	4085.	2659.4	1.3	0.5	163.83	12.00
0.640	1235.	2656.2	0.0	-0.0	0.0	117.50	15.00
0.640	2145.	2657.6	1.4	-0.0	0.0	135.34	15.00
0.640	2635.	2658.1	0.5	-0.0	0.0	143.19	15.00
0.640	4085.	2659.4	1.3	-0.0	0.0	163.19	15.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
*	0.810	1215.	2665.1	0.0	9.0	0.0	80.56	910.00
*	0.810	2115.	2666.4	1.3	8.9	0.0	86.28	910.00
*	0.810	2595.	2667.0	0.6	8.9	0.0	88.75	910.00
*	0.810	4025.	2668.5	1.5	9.1	0.0	97.00	910.00
	0.820	1215.	2666.6	0.0	1.5	0.0	87.29	60.00
	0.820	2115.	2668.2	1.6	1.8	0.0	94.18	60.00
	0.820	2595.	2668.9	0.7	1.9	0.0	101.13	60.00
	0.820	4025.	2670.7	1.8	2.2	0.0	122.14	60.00
	0.820	1215.	2667.8	0.0	1.1	0.0	92.21	12.00
	0.820	2115.	2669.1	1.3	0.9	0.0	103.05	12.00
	0.820	2595.	2669.6	0.5	0.7	0.0	108.37	12.00
*	0.820	4025.	2670.9	1.3	0.2	0.0	130.10	12.00
	0.820	1215.	2667.8	0.0	0.0	0.0	92.30	15.00
	0.820	2115.	2669.1	1.3	0.0	0.0	103.18	15.00
	0.820	2595.	2669.7	0.5	0.0	0.0	108.57	15.00
	0.820	4025.	2670.9	1.3	0.0	0.0	130.40	15.00
*	0.940	1205.	2672.2	0.0	4.4	0.0	63.91	585.00
*	0.940	2090.	2673.7	1.5	4.6	0.0	183.90	585.00
*	0.940	2570.	2674.2	0.5	4.5	0.0	198.26	585.00
	0.940	3980.	2675.6	1.4	4.7	0.0	211.01	585.00
*	0.950	1205.	2675.2	0.0	3.0	0.0	64.08	40.00
*	0.950	2090.	2676.7	1.5	3.0	0.0	183.56	40.00
*	0.950	2570.	2677.2	0.5	3.0	0.0	198.39	40.00
*	0.950	3980.	2678.2	1.0	2.7	0.0	207.89	40.00
	0.950	1205.	2676.5	0.0	1.2	0.0	168.91	12.00
	0.950	2090.	2676.8	0.4	0.1	0.0	190.47	12.00
	0.950	2570.	2677.3	0.5	0.1	0.0	199.49	12.00
	0.950	3980.	2678.5	1.1	0.2	0.0	209.81	12.00
	0.950	1205.	2676.5	0.0	0.1	0.0	174.41	10.00
	0.950	2090.	2677.3	0.8	0.5	0.0	199.20	10.00
	0.950	2570.	2677.8	0.4	0.4	0.0	203.33	10.00
	0.950	3980.	2678.8	1.0	0.3	0.0	212.70	10.00
*	1.100	1190.	2688.4	0.0	11.9	0.0	63.74	790.00
*	1.100	2065.	2689.8	1.4	12.5	0.0	180.10	790.00
*	1.100	2540.	2690.4	0.5	12.6	0.0	197.95	790.00
*	1.100	3930.	2691.4	1.1	12.7	0.0	207.73	790.00
	1.240	1175.	2696.2	0.0	7.8	0.0	125.64	740.00
	1.240	2040.	2697.3	1.0	7.4	0.0	209.57	740.00
	1.240	2510.	2697.7	0.5	7.4	0.0	247.36	740.00
	1.240	3885.	2698.9	1.2	7.5	0.0	268.30	740.00
*	1.560	1140.	2721.4	0.0	25.2	0.0	29.83	1710.00
*	1.560	1985.	2723.1	1.7	25.8	0.0	34.12	1710.00
*	1.560	2440.	2724.5	1.4	26.8	0.0	140.01	1710.00
*	1.560	3770.	2726.2	1.7	27.3	0.0	334.40	1710.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.570	1140.	2723.0	0.0	1.6	0.0	31.38	60.0C
1.570	1985.	2724.9	1.9	1.8	0.0	123.69	60.0C
* 1.570	2440.	2725.5	0.6	1.0	0.0	140.24	60.0C
* 1.570	3770.	2727.2	1.7	1.0	0.0	334.52	60.0C
1.570	1140.	2723.1	0.0	0.1	0.0	31.71	12.0C
1.570	1985.	2724.9	1.8	0.0	0.0	124.09	12.0C
1.570	2440.	2725.6	0.7	0.1	0.0	144.76	12.0C
1.570	3770.	2727.4	1.8	0.2	0.0	336.72	12.0C
1.570	1140.	2723.5	0.0	0.4	0.0	32.77	15.0C
1.570	1985.	2725.7	2.1	0.8	0.0	145.81	15.0C
1.570	2440.	2726.4	0.7	0.8	0.0	163.31	15.0C
1.570	3770.	2727.9	1.5	0.6	0.0	344.22	15.0C
1.600	1140.	2725.0	0.0	1.5	0.0	30.90	100.0C
1.600	1980.	2726.8	1.8	1.1	0.0	121.67	100.0C
* 1.600	2430.	2727.7	0.9	1.3	0.0	141.23	100.0C
* 1.600	3760.	2729.4	1.7	1.4	0.0	334.00	100.0C
1.660	1135.	2730.5	0.0	5.5	0.0	138.54	235.0C
1.660	1970.	2731.8	1.4	5.0	0.0	220.87	235.0C
1.660	2420.	2732.2	0.4	4.5	0.0	236.48	235.0C
1.660	3740.	2733.2	0.9	3.8	0.0	281.97	235.0C
1.660	1135.	2731.3	0.0	0.8	0.0	196.78	40.0C
1.660	1970.	2732.5	1.2	0.7	0.0	245.47	40.0C
1.660	2420.	2733.0	0.4	0.7	0.0	269.00	40.0C
1.660	3740.	2734.0	1.1	0.9	0.0	531.75	40.0C
* 1.660	1135.	2731.5	0.0	0.2	0.0	180.46	1.0C
1.660	1970.	2732.7	1.2	0.2	0.0	251.47	1.0C
1.660	2420.	2733.3	0.6	0.4	0.0	292.37	1.0C
1.660	3740.	2734.6	1.3	0.6	0.0	549.78	1.0C
1.660	1135.	2731.7	0.0	0.2	0.0	193.82	12.0C
1.660	1970.	2732.9	1.2	0.2	0.0	260.38	12.0C
1.660	2420.	2733.4	0.5	0.1	0.0	302.37	12.0C
1.660	3740.	2734.6	1.2	0.1	0.0	551.81	12.0C
1.660	1135.	2731.8	0.0	0.0	0.0	218.08	1.0C
1.660	1970.	2732.8	1.1	-0.1	0.0	261.33	1.0C
1.660	2420.	2733.3	0.5	-0.1	0.0	294.47	1.0C
1.660	3740.	2734.5	1.2	-0.2	0.0	546.71	1.0C
1.660	1135.	2731.8	0.0	0.0	0.0	220.49	10.0C
1.660	1970.	2732.9	1.1	0.0	0.0	264.32	10.0C
1.660	2420.	2733.4	0.5	0.0	0.0	298.00	10.0C
1.660	3740.	2734.5	1.2	0.0	0.0	548.00	10.0C
* 1.760	1125.	2737.7	0.0	5.9	0.0	229.06	515.0C
* 1.760	1950.	2738.4	0.7	5.5	0.0	278.02	515.0C
* 1.760	2395.	2738.6	0.3	5.3	0.0	336.78	515.0C
* 1.760	3705.	2739.3	0.7	4.8	0.0	545.50	515.0C

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
1.770	1125.	2738.6	0.0	0.9	0.0	336.36	40.00
1.770	1950.	2739.4	0.8	1.1	0.0	553.07	40.00
1.770	2395.	2739.8	0.3	1.1	0.0	588.72	40.00
1.770	3705.	2740.5	0.7	1.1	0.0	630.79	40.00
1.770	1125.	2738.6	0.0	0.0	0.0	328.63	1.00
1.770	1950.	2739.4	0.8	0.0	0.0	534.78	1.00
1.770	2395.	2739.8	0.3	0.0	0.0	560.75	1.00
1.770	3705.	2740.5	0.7	0.1	0.0	591.63	1.00
1.770	1125.	2738.7	0.0	0.1	0.0	360.60	12.00
1.770	1950.	2739.6	0.8	0.1	0.0	543.82	12.00
1.770	2395.	2739.9	0.3	0.1	0.0	570.52	12.00
1.770	3705.	2740.6	0.7	0.1	0.0	594.48	12.00
1.770	1125.	2738.8	0.0	0.0	0.0	380.80	1.00
1.770	1950.	2739.6	0.8	0.0	0.0	563.95	1.00
1.770	2395.	2739.9	0.3	0.0	0.0	604.68	1.00
1.770	3705.	2740.6	0.7	0.0	0.0	637.18	1.00
1.770	1125.	2738.9	0.0	0.1	0.0	425.80	10.00
1.770	1950.	2739.7	0.8	0.1	0.0	581.16	10.00
1.770	2395.	2740.0	0.3	0.1	0.0	615.12	10.00
1.770	3705.	2740.8	0.7	0.2	0.0	648.97	10.00
* 1.790	1120.	2740.2	0.0	1.3	0.0	289.23	85.00
* 1.790	1945.	2741.0	0.8	1.3	0.0	330.90	85.00
* 1.790	2390.	2741.2	0.3	1.2	0.0	350.76	85.00
* 1.790	3700.	2741.8	0.6	1.1	0.0	568.26	85.00
1.790	1120.	2741.1	0.0	0.9	0.0	336.65	40.00
1.790	1945.	2741.8	0.8	0.9	0.0	568.00	40.00
1.790	2390.	2742.2	0.3	0.9	0.0	580.11	40.00
1.790	3700.	2742.9	0.7	1.0	0.0	606.01	40.00
1.790	1120.	2741.1	0.0	-0.0	0.0	278.27	1.00
1.790	1945.	2741.9	0.8	0.1	0.0	537.25	1.00
1.790	2390.	2742.3	0.4	0.1	0.0	557.34	1.00
1.790	3700.	2743.0	0.7	0.1	0.0	601.06	1.00
1.790	1120.	2741.3	0.0	0.2	0.0	310.26	12.00
1.790	1945.	2742.1	0.8	0.2	0.0	550.94	12.00
1.790	2390.	2742.4	0.3	0.2	0.0	562.59	12.00
1.790	3700.	2743.1	0.7	0.1	0.0	610.10	12.00
1.790	1120.	2741.3	0.0	0.1	0.0	384.03	1.00
1.790	1945.	2742.1	0.8	-0.0	0.0	577.82	1.00
1.790	2390.	2742.4	0.3	-0.0	0.0	590.19	1.00
1.790	3700.	2743.1	0.7	-0.0	0.0	615.86	1.00
1.790	1120.	2741.3	0.0	0.0	0.0	391.39	10.00
1.790	1945.	2742.1	0.8	0.0	0.0	578.56	10.00
1.790	2390.	2742.4	0.3	0.0	0.0	590.81	10.00
1.790	3700.	2743.2	0.7	0.0	0.0	616.73	10.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	1.870	1105.	2745.9	0.0	4.6	0.0	47.56	395.00
*	1.870	1920.	2747.2	1.2	5.1	0.0	53.41	395.00
*	1.870	2360.	2747.7	0.6	5.3	0.0	56.08	395.00
*	1.870	3650.	2750.2	2.5	7.1	0.0	553.98	395.00
*	1.880	1105.	2748.6	0.0	2.7	0.0	48.39	80.00
*	1.880	1920.	2749.9	1.3	2.7	0.0	54.52	80.00
*	1.880	2360.	2750.5	0.6	2.8	0.0	57.34	80.00
*	1.880	3650.	2752.9	2.4	2.7	0.0	565.64	80.00
*	1.880	1105.	2750.3	0.0	1.7	0.0	56.54	12.00
*	1.880	1920.	2751.7	1.4	1.8	0.0	113.73	12.00
*	1.880	2360.	2751.4	-0.3	0.9	0.0	65.46	12.00
*	1.880	3650.	2753.1	1.7	0.2	0.0	582.59	12.00
*	1.880	1105.	2750.5	0.0	0.2	0.0	57.57	20.00
*	1.880	1920.	2752.0	1.5	0.4	0.0	496.78	20.00
*	1.880	2360.	2752.2	0.2	0.8	0.0	518.29	20.00
*	1.880	3650.	2753.6	1.3	0.5	0.0	614.96	20.00
*	2.000	1085.	2757.8	0.0	7.3	0.0	50.50	700.00
*	2.000	1885.	2758.9	1.1	6.9	0.0	54.08	700.00
*	2.000	2315.	2759.5	0.5	7.2	0.0	57.99	700.00
*	2.000	3580.	2760.9	1.4	7.3	0.0	68.92	700.00
*	2.120	1065.	2772.2	0.0	14.3	0.0	50.93	650.00
*	2.120	1845.	2773.1	0.9	14.1	0.0	53.91	650.00
*	2.120	2270.	2773.6	0.5	14.1	0.0	57.56	650.00
*	2.120	3500.	2775.0	1.4	14.1	0.0	68.23	650.00
*	2.130	1065.	2773.4	0.0	1.2	0.0	50.63	60.00
*	2.130	1845.	2774.4	1.0	1.3	0.0	53.98	60.00
*	2.130	2270.	2774.9	0.5	1.3	0.0	57.68	60.00
*	2.130	3500.	2776.3	1.4	1.3	0.0	68.45	60.00
*	2.130	1065.	2773.4	0.0	0.0	0.0	50.78	12.00
*	2.130	1845.	2776.9	3.5	2.5	0.0	73.28	12.00
*	2.130	2270.	2777.8	0.8	2.8	0.0	79.94	12.00
*	2.130	3500.	2779.4	1.7	3.1	0.0	92.91	12.00
*	2.130	1065.	2775.3	0.0	1.9	0.0	50.49	15.00
*	2.130	1845.	2776.4	1.1	-0.5	0.0	54.08	15.00
*	2.130	2270.	2777.4	0.9	-0.4	0.0	61.02	15.00
*	2.130	3500.	2779.0	1.6	-0.5	0.0	73.66	15.00
*	2.200	1055.	2784.1	0.0	8.7	0.0	34.94	370.00
*	2.200	1825.	2785.4	1.3	8.9	0.0	39.03	370.00
*	2.200	2240.	2786.1	0.7	8.7	0.0	41.10	370.00
*	2.200	3460.	2787.8	1.7	8.8	0.0	46.42	370.00
*	2.240	1045.	2790.1	0.0	6.0	0.0	34.65	230.00
*	2.240	1810.	2791.5	1.4	6.1	0.0	39.08	230.00
*	2.240	2225.	2792.2	0.7	6.1	0.0	41.16	230.00
*	2.240	3430.	2795.0	2.9	7.3	0.0	354.40	230.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
*	2.250	1045.	2791.1	0.0	1.0	0.0	34.61	40.00
*	2.250	1810.	2792.5	1.4	1.0	0.0	39.15	40.00
*	2.250	2225.	2793.2	0.7	1.0	0.0	41.24	40.00
*	2.250	3430.	2796.0	2.8	1.0	0.0	355.48	40.00
	2.250	1045.	2791.4	0.0	0.3	0.0	35.54	12.00
	2.250	1810.	2792.9	1.5	0.4	0.0	40.37	12.00
	2.250	2225.	2796.4	3.5	3.2	0.0	433.58	12.00
	2.250	3430.	2797.2	0.8	1.2	0.0	495.74	12.00
*	2.250	1045.	2792.8	0.0	1.4	0.0	34.44	10.00
*	2.250	1810.	2794.2	1.4	1.3	0.0	38.90	10.00
	2.250	2225.	2795.9	1.7	-0.5	0.0	44.10	10.00
*	2.250	3430.	2798.0	2.1	0.7	0.0	412.66	10.00
	2.440	1010.	2813.1	0.0	20.3	0.0	32.91	970.00
*	2.440	1750.	2814.4	1.3	20.2	0.0	37.12	970.00
*	2.440	2150.	2815.1	0.7	19.2	0.0	39.26	970.00
*	2.440	3315.	2816.7	1.7	18.8	0.0	44.61	970.00
	2.450	1010.	2814.5	0.0	1.4	0.0	35.08	60.00
	2.450	1750.	2816.1	1.7	1.7	0.0	40.40	60.00
	2.450	2150.	2816.8	0.7	1.8	0.0	42.69	60.00
	2.450	3315.	2818.6	1.8	1.9	0.0	48.30	60.00
	2.450	1010.	2814.6	0.0	0.1	0.0	35.38	12.00
	2.450	1750.	2816.3	1.7	0.1	0.0	40.83	12.00
	2.450	2150.	2817.0	0.7	0.2	0.0	43.19	12.00
	2.450	3315.	2819.4	2.4	0.8	0.0	51.02	12.00
*	2.450	1010.	2815.0	0.0	0.5	0.0	32.42	15.00
*	2.450	1750.	2816.5	1.5	0.2	0.0	37.11	15.00
*	2.450	2150.	2817.2	0.7	0.2	0.0	39.28	15.00
	2.450	3315.	2819.0	1.9	-0.4	0.0	45.26	15.00
*	2.580	990.	2850.4	0.0	35.4	0.0	32.27	630.00
*	2.580	1710.	2851.8	1.4	35.3	0.0	36.88	630.00
*	2.580	2100.	2852.5	0.7	35.3	0.0	38.97	630.00
*	2.580	3235.	2854.2	1.7	35.1	0.0	44.33	630.00
*	2.660	975.	2868.5	0.0	18.1	0.0	38.41	310.00
*	2.660	1685.	2870.6	2.1	18.8	0.0	151.95	310.00
*	2.660	2070.	2871.1	0.5	18.6	0.0	157.52	310.00
*	2.660	3185.	2872.0	0.9	17.9	0.0	165.92	310.00
*	2.670	975.	2870.1	0.0	1.6	0.0	18.00	60.00
*	2.670	1685.	2872.6	2.5	2.0	0.0	131.71	60.00
*	2.670	2070.	2872.9	0.3	1.9	0.0	133.77	60.00
*	2.670	3185.	2873.8	0.8	1.8	0.0	170.03	60.00
*	2.670	975.	2871.1	0.0	1.0	0.0	106.81	12.00
*	2.670	1685.	2872.8	1.6	0.2	0.0	132.76	12.00
*	2.670	2070.	2873.2	0.4	0.2	0.0	135.19	12.00
*	2.670	3185.	2874.0	0.8	0.2	0.0	172.25	12.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
2.670	975.	2872.2	0.0	1.0	0.0	155.53	15.00
2.670	1685.	2873.6	1.4	0.8	0.0	168.18	15.00
2.670	2070.	2874.1	0.5	0.9	0.0	172.90	15.00
2.670	3185.	2874.4	0.3	0.4	0.0	175.42	15.00
* 2.800	955.	2883.5	0.0	11.4	0.0	40.49	680.00
* 2.800	1645.	2885.8	2.3	12.2	0.0	156.88	680.00
* 2.800	2020.	2886.2	0.4	12.1	0.0	160.11	680.00
* 2.800	3110.	2887.3	1.1	12.9	0.0	170.23	680.00
2.940	930.	2898.1	0.0	14.6	0.0	28.75	720.00
* 2.940	1600.	2899.4	1.3	13.6	0.0	32.62	720.00
* 2.940	1965.	2900.1	0.7	13.9	0.0	34.67	720.00
* 2.940	3020.	2901.8	1.7	14.5	0.0	53.10	720.00
* 2.950	930.	2899.8	0.0	1.8	0.0	28.05	40.00
* 2.950	1600.	2901.4	1.5	2.0	0.0	32.63	40.00
* 2.950	1965.	2902.1	0.7	2.0	0.0	34.71	40.00
* 2.950	3020.	2903.8	1.7	2.0	0.0	53.16	40.00
2.950	930.	2899.9	0.0	0.0	0.0	28.07	22.00
2.950	1600.	2901.9	2.1	0.5	0.0	34.27	22.00
2.950	1965.	2903.7	1.8	1.7	0.0	38.79	22.00
2.950	3020.	2904.6	0.9	0.8	0.0	66.07	22.00
2.950	930.	2900.8	0.0	0.9	0.0	30.81	10.00
2.950	1600.	2902.4	1.7	0.5	0.0	35.75	10.00
2.950	1965.	2903.9	1.5	0.2	0.0	54.84	10.00
2.950	3020.	2905.1	1.2	0.5	0.0	74.11	10.00
* 2.960	930.	2903.3	0.0	2.5	0.0	44.20	50.00
* 2.960	1600.	2904.5	1.3	2.1	0.0	64.86	50.00
* 2.960	1965.	2905.1	0.5	1.2	0.0	73.76	50.00
* 2.960	3020.	2906.9	1.8	1.8	0.0	239.12	50.00
* 3.060	910.	2919.7	0.0	16.4	0.0	26.50	510.00
* 3.060	1565.	2921.2	1.5	16.7	0.0	29.93	510.00
* 3.060	1920.	2921.8	0.6	16.7	0.0	32.82	510.00
* 3.060	2950.	2923.9	2.1	17.1	0.0	72.25	510.00
* 3.070	910.	2921.6	0.0	2.0	0.0	26.44	60.00
* 3.070	1565.	2923.2	1.5	2.0	0.0	29.86	60.00
* 3.070	1920.	2923.9	0.7	2.1	0.0	34.11	60.00
* 3.070	2950.	2926.1	2.2	2.2	0.0	73.13	60.00
3.070	910.	2922.4	0.0	0.8	0.0	28.13	12.00
* 3.070	1565.	2923.8	1.4	0.6	0.0	32.46	12.00
* 3.070	1920.	2924.1	0.4	0.2	0.0	36.64	12.00
* 3.070	2950.	2926.3	2.2	0.2	0.0	74.05	12.00
* 3.070	910.	2923.7	0.0	1.3	0.0	26.52	15.00
* 3.070	1565.	2925.2	1.5	1.4	0.0	29.93	15.00
* 3.070	1920.	2925.9	0.7	1.7	0.0	33.89	15.00
* 3.070	2950.	2928.1	2.2	1.8	0.0	72.91	15.00

SECNO	Q	CMSEL	DIFWSP	DIFMSX	DIFKMS	TOPMID	XLGH
3.210	885.	2935.7	0.0	12.0	0.0	35.13	710.00
3.210	1520.	2937.4	1.7	12.2	0.0	39.14	710.00
3.210	1865.	2938.1	0.7	12.2	0.0	40.76	710.00
3.210	2865.	2939.2	1.1	11.1	0.0	43.18	710.00
3.220	885.	2936.4	0.0	0.7	0.0	32.54	60.00
3.220	1520.	2938.1	1.6	0.7	0.0	36.52	60.00
3.220	1865.	2938.8	0.7	0.7	0.0	38.12	60.00
3.220	2865.	2940.1	1.3	0.9	0.0	39.25	60.00
3.220	885.	2936.5	0.0	0.1	0.0	32.76	12.00
3.220	1520.	2938.2	1.6	0.1	0.0	36.77	12.00
3.220	1865.	2938.9	0.7	0.1	0.0	38.22	12.00
3.220	2865.	2940.3	1.4	0.2	0.0	39.43	12.00
3.220	885.	2938.9	0.0	2.4	0.0	31.50	15.00
3.220	1520.	2940.2	1.3	2.1	0.0	34.71	15.00
3.220	1865.	2940.9	0.6	2.0	0.0	36.26	15.00
3.220	2865.	2942.4	1.5	2.1	0.0	39.73	15.00
3.250	880.	2946.5	0.0	7.6	0.0	31.46	100.00
3.250	1510.	2947.8	1.3	7.6	0.0	34.68	100.00
3.250	1855.	2948.4	0.6	7.6	0.0	36.17	100.00
3.250	2845.	2949.9	1.5	7.6	0.0	39.67	100.00
3.310	865.	2965.1	0.0	18.6	0.0	33.77	315.00
3.310	1490.	2966.4	1.3	18.5	0.0	47.64	315.00
3.310	1825.	2967.0	0.6	18.5	0.0	54.26	315.00
3.310	2805.	2968.4	1.5	18.5	0.0	70.34	315.00
3.320	865.	2968.0	0.0	2.9	0.0	20.00	60.00
3.320	1490.	2969.9	1.9	3.5	0.0	49.00	60.00
3.320	1825.	2970.5	0.6	3.5	0.0	54.84	60.00
3.320	2805.	2972.2	1.8	3.8	0.0	71.89	60.00
3.320	865.	2968.8	0.0	0.8	0.0	19.42	1.00
3.320	1490.	2971.0	2.2	1.1	0.0	42.59	1.00
3.320	1825.	2972.0	1.0	1.5	0.0	60.90	1.00
3.320	2805.	2974.0	2.0	1.7	0.0	92.31	1.00
3.320	865.	2969.8	0.0	1.0	0.0	19.53	12.00
3.320	1490.	2972.4	2.6	1.4	0.0	68.90	12.00
3.320	1825.	2973.9	1.5	1.9	0.0	91.23	12.00
3.320	2805.	2975.1	1.2	1.1	0.0	150.02	12.00
3.320	865.	2970.7	0.0	0.9	0.0	56.57	1.00
3.320	1490.	2973.1	2.5	0.7	0.0	80.35	1.00
3.320	1825.	2974.0	0.9	0.1	0.0	88.67	1.00
3.320	2805.	2975.2	1.2	0.1	0.0	174.07	1.00
3.320	865.	2970.5	0.0	-0.2	0.0	37.89	15.00
3.320	1490.	2973.1	2.6	-0.1	0.0	66.20	15.00
3.320	1825.	2973.9	0.9	-0.1	0.0	75.76	15.00
3.320	2805.	2974.9	1.0	-0.3	0.0	87.04	15.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	3.360	860.	2977.5	0.0	7.0	0.0	54.00	160.00
*	3.360	1480.	2978.6	1.1	5.5	0.0	69.21	160.00
*	3.360	1810.	2979.1	0.5	5.1	0.0	74.28	160.00
*	3.360	2780.	2980.2	1.2	5.3	0.0	86.86	160.00
	3.360	860.	2978.9	0.0	1.4	0.0	69.15	60.00
	3.360	1480.	2980.2	1.3	1.6	0.0	86.15	60.00
	3.360	1810.	2980.7	0.6	1.7	0.0	91.06	60.00
	3.360	2780.	2982.2	1.4	1.9	0.0	119.61	60.00
*	3.360	860.	2980.0	0.0	1.1	0.0	84.45	12.00
*	3.360	1480.	2981.1	1.0	0.9	0.0	92.08	12.00
*	3.360	1810.	2981.5	0.4	0.7	0.0	93.44	12.00
*	3.360	2780.	2982.4	1.0	0.3	0.0	120.56	12.00
	3.360	860.	2979.7	0.0	-0.3	0.0	58.81	15.00
*	3.360	1480.	2980.6	0.9	-0.5	0.0	69.30	15.00
*	3.360	1810.	2981.1	0.5	-0.4	0.0	74.41	15.00
*	3.360	2780.	2982.3	1.2	-0.1	0.0	87.51	15.00
*	3.480	840.	3001.4	0.0	21.7	0.0	35.74	600.00
*	3.480	1445.	3002.6	1.2	22.0	0.0	39.01	600.00
*	3.480	1765.	3003.1	0.5	22.1	0.0	40.45	600.00
*	3.480	2710.	3004.5	1.4	22.2	0.0	47.25	600.00
*	3.500	835.	3021.4	0.0	20.0	0.0	35.59	100.00
*	3.500	1435.	3022.6	1.2	20.0	0.0	38.99	100.00
*	3.500	1760.	3023.1	0.5	20.0	0.0	40.43	100.00
*	3.500	2700.	3024.5	1.3	20.0	0.0	47.20	100.00
*	3.540	830.	3032.4	0.0	11.0	0.0	35.55	275.00
*	3.540	1425.	3033.6	1.2	11.0	0.0	38.93	275.00
*	3.540	1745.	3034.1	0.5	11.0	0.0	40.36	275.00
*	3.540	2675.	3035.4	1.3	11.0	0.0	46.95	275.00

SUMMARY OF ERRORS

CAUTION SECNO= 0.080 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.080 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.270 PROFILE= 1 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.270 PROFILE= 1
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 0.270 PROFILE= 1
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 0.270 PROFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.270 PROFILE= 2
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 0.270 PROFILE= 2
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 0.270 PROFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.270 PROFILE= 3
PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 0.270 PROFILE= 3
20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 0.270 PROFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 0.270 PROFILE= 4
PROBABLE MINIMUM SPECIFIC ENERGY

MEC2 RELEASE DATED NOV 76 UPDATED JULY 1979

ERROR CORR - 01,02,03

MODIFICATION - 50,51,52,53,54

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

BOWLENS CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CHSEL	CRHS
0.080	0.	0.0	0.0	2603.0	1285.0	2610.07	0.0
0.080	0.	0.0	0.0	2603.0	2240.0	2612.19	0.0
0.080	0.	0.0	0.0	2603.0	2755.0	2613.15	0.0
0.080	0.	0.0	0.0	2603.0	4275.0	2615.45	0.0
0.080	60.	0.0	0.0	2603.0	1285.0	2610.51	0.0
0.080	60.	0.0	0.0	2603.0	2240.0	2612.65	0.0
0.080	60.	0.0	0.0	2603.0	2755.0	2613.60	0.0
0.080	60.	0.0	0.0	2603.0	4275.0	2615.98	0.0
0.080	72.	2615.1	2614.0	2603.0	1285.0	2610.55	0.0
0.080	72.	2615.1	2614.0	2603.0	2240.0	2612.71	0.0
0.080	72.	2615.1	2614.0	2603.0	2755.0	2614.39	0.0
0.080	72.	2615.1	2614.0	2603.0	4275.0	2617.50	0.0
* 0.080	15.	0.0	0.0	2605.7	1285.0	2610.81	2610.8
* 0.080	15.	0.0	0.0	2605.7	2240.0	2612.55	2612.5
0.080	15.	0.0	0.0	2605.7	2755.0	2614.28	0.0
0.080	15.	0.0	0.0	2605.7	4275.0	2617.40	0.0
0.250	815.	0.0	0.0	2610.4	1270.0	2618.58	0.0
0.250	815.	0.0	0.0	2610.4	2210.0	2620.86	0.0
0.250	815.	0.0	0.0	2610.4	2715.0	2621.59	0.0
0.250	815.	0.0	0.0	2610.4	4215.0	2623.81	0.0
* 0.270	100.	0.0	0.0	2620.9	1270.0	2625.73	2625.7
* 0.270	100.	0.0	0.0	2620.9	2210.0	2627.27	2627.2
* 0.270	100.	0.0	0.0	2620.9	2715.0	2627.94	2627.9
* 0.270	100.	0.0	0.0	2620.9	4210.0	2629.55	2629.5
0.400	650.	0.0	0.0	2635.4	1255.0	2641.02	0.0
0.400	650.	0.0	0.0	2635.4	2185.0	2642.57	0.0
0.400	650.	0.0	0.0	2635.4	2685.0	2643.19	0.0
0.400	650.	0.0	0.0	2635.4	4165.0	2644.66	0.0
0.640	1190.	0.0	0.0	2648.5	1235.0	2654.15	0.0
0.640	1190.	0.0	0.0	2648.5	2145.0	2655.79	0.0
0.640	1190.	0.0	0.0	2648.5	2635.0	2656.50	0.0
0.640	1190.	0.0	0.0	2648.5	4085.0	2658.34	0.0

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CHSEL	CRWS
0.640	60.	0.0	0.0	2648.5	1235.0	2654.59	0.0
0.640	60.	0.0	0.0	2648.5	2145.0	2656.27	0.0
0.640	60.	0.0	0.0	2648.5	2635.0	2657.02	0.0
0.640	60.	0.0	0.0	2648.5	4085.0	2658.91	0.0
0.640	12.	2654.0	2654.0	2648.5	1235.0	2656.16	0.0
* 0.640	12.	2654.0	2654.0	2648.5	2145.0	2657.57	0.0
* 0.640	12.	2654.0	2654.0	2648.5	2635.0	2658.08	0.0
* 0.640	12.	2654.0	2654.0	2648.5	4085.0	2659.38	0.0
0.640	15.	0.0	0.0	2649.4	1235.0	2656.15	0.0
0.640	15.	0.0	0.0	2649.4	2145.0	2657.56	0.0
0.640	15.	0.0	0.0	2649.4	2635.0	2658.06	0.0
0.640	15.	0.0	0.0	2649.4	4085.0	2659.35	0.0
* 0.810	910.	0.0	0.0	2659.5	1215.0	2665.10	2665.1
* 0.810	910.	0.0	0.0	2659.5	2115.0	2666.42	2666.4
* 0.810	910.	0.0	0.0	2659.5	2595.0	2666.98	2666.9
* 0.810	910.	0.0	0.0	2659.5	4025.0	2668.50	2668.5
0.820	60.	0.0	0.0	2659.5	1215.0	2666.64	0.0
0.820	60.	0.0	0.0	2659.5	2115.0	2668.21	0.0
0.820	60.	0.0	0.0	2659.5	2595.0	2668.92	0.0
0.820	60.	0.0	0.0	2659.5	4025.0	2670.67	0.0
0.820	12.	2665.7	2664.3	2659.5	1215.0	2667.78	0.0
0.820	12.	2665.7	2664.3	2659.5	2115.0	2669.10	0.0
0.820	12.	2665.7	2664.3	2659.5	2595.0	2669.64	0.0
0.820	12.	2665.7	2664.3	2659.5	4025.0	2670.92	0.0
0.820	15.	0.0	0.0	2659.5	1215.0	2667.80	0.0
0.820	15.	0.0	0.0	2659.5	2115.0	2669.12	0.0
0.820	15.	0.0	0.0	2659.5	2595.0	2669.66	0.0
0.820	15.	0.0	0.0	2659.5	4025.0	2670.93	0.0
* 0.940	585.	0.0	0.0	2667.8	1205.0	2672.23	2672.2
* 0.940	585.	0.0	0.0	2667.8	2090.0	2673.71	2673.7
* 0.940	585.	0.0	0.0	2667.8	2570.0	2674.20	2674.2
0.940	585.	0.0	0.0	2667.8	3980.0	2675.58	0.0
* 0.950	40.	0.0	0.0	2670.8	1205.0	2675.25	2675.2
* 0.950	40.	0.0	0.0	2670.8	2090.0	2676.70	2676.7
* 0.950	40.	0.0	0.0	2670.8	2570.0	2677.22	2677.2
* 0.950	40.	0.0	0.0	2670.8	3980.0	2678.25	2678.2
0.950	12.	2675.2	2674.7	2670.8	1205.0	2676.45	0.0
0.950	12.	2675.2	2674.7	2670.8	2090.0	2676.81	0.0
0.950	12.	2675.2	2674.7	2670.8	2570.0	2677.33	0.0
0.950	12.	2675.2	2674.7	2670.8	3980.0	2678.45	0.0
0.950	10.	0.0	0.0	2670.8	1205.0	2676.55	0.0
0.950	10.	0.0	0.0	2670.8	2090.0	2677.31	0.0
0.950	10.	0.0	0.0	2670.8	2570.0	2677.75	0.0
0.950	10.	0.0	0.0	2670.8	3980.0	2678.77	0.0

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIMS
* 1.100	790.	0.0	0.0	2684.0	1190.0	2689.40	2688.4
* 1.100	790.	0.0	0.0	2684.0	2065.0	2689.84	2689.8
1.100	790.	0.0	0.0	2684.0	2540.0	2690.37	2690.3
1.100	790.	0.0	0.0	2684.0	3930.0	2691.43	2691.4
1.240	740.	0.0	0.0	2691.0	1175.0	2696.22	0.0
1.240	740.	0.0	0.0	2691.0	2040.0	2697.26	0.0
1.240	740.	0.0	0.0	2691.0	2510.0	2697.72	0.0
1.240	740.	0.0	0.0	2691.0	3885.0	2698.92	0.0
* 1.560	1710.	0.0	0.0	2716.5	1140.0	2721.40	2721.4
* 1.560	1710.	0.0	0.0	2716.5	1985.0	2723.06	2723.0
* 1.560	1710.	0.0	0.0	2716.5	2440.0	2724.48	2724.4
* 1.560	1710.	0.0	0.0	2716.5	3770.0	2726.20	2726.2
1.570	60.	0.0	0.0	2717.5	1140.0	2722.99	0.0
1.570	60.	0.0	0.0	2717.5	1985.0	2724.85	2723.9
* 1.570	60.	0.0	0.0	2717.5	2440.0	2725.48	2725.4
* 1.570	60.	0.0	0.0	2717.5	3770.0	2727.21	2727.2
1.570	12.	2724.5	2723.1	2717.5	1140.0	2723.12	0.0
1.570	12.	2724.5	2723.1	2717.5	1985.0	2724.89	0.0
1.570	12.	2724.5	2723.1	2717.5	2440.0	2725.62	0.0
1.570	12.	2724.5	2723.1	2717.5	3770.0	2727.38	0.0
1.570	15.	0.0	0.0	2717.5	1140.0	2723.53	0.0
1.570	15.	0.0	0.0	2717.5	1985.0	2725.67	2724.4
1.570	15.	0.0	0.0	2717.5	2440.0	2726.40	0.0
1.570	15.	0.0	0.0	2717.5	3770.0	2727.94	0.0
1.600	100.	0.0	0.0	2719.7	1140.0	2725.01	0.0
1.600	100.	0.0	0.0	2719.7	1980.0	2726.81	2726.3
* 1.600	100.	0.0	0.0	2719.7	2430.0	2727.72	2727.7
* 1.600	100.	0.0	0.0	2719.7	3760.0	2729.37	2729.3
1.660	235.	0.0	0.0	2725.7	1135.0	2730.47	2729.9
1.660	235.	0.0	0.0	2725.7	1970.0	2731.83	0.0
1.660	235.	0.0	0.0	2725.7	2420.0	2732.23	0.0
1.660	235.	0.0	0.0	2725.7	3740.0	2733.16	0.0
1.660	40.	0.0	0.0	2725.7	1135.0	2731.32	0.0
1.660	40.	0.0	0.0	2725.7	1970.0	2732.51	0.0
1.660	40.	0.0	0.0	2725.7	2420.0	2732.95	0.0
1.660	40.	0.0	0.0	2725.7	3740.0	2734.03	0.0
* 1.660	1.	2733.2	2731.5	2725.6	1135.0	2731.50	2731.5
1.660	1.	2733.2	2731.5	2725.6	1970.0	2732.74	0.0
1.660	1.	2733.2	2731.5	2725.6	2420.0	2733.31	0.0
1.660	1.	2733.2	2731.5	2725.6	3740.0	2734.58	0.0
1.660	12.	2733.2	2731.5	2725.6	1135.0	2731.73	0.0
1.660	12.	2733.2	2731.5	2725.6	1970.0	2732.89	0.0
1.660	12.	2733.2	2731.5	2725.6	2420.0	2733.44	0.0
1.660	12.	2733.2	2731.5	2725.6	3740.0	2734.65	0.0

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JACKS CREEK

SUMMARY PRINTOUT TABLE 150

SECNC	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TCPWID	XLCH
2.860	2665.	2295.5	0.0	0.0	0.0	73.14	0.0
2.860	4725.	2297.3	1.8	0.0	0.0	87.82	0.0
2.860	5855.	2298.1	0.8	0.0	0.0	94.83	0.0
2.860	9261.	2300.1	2.0	0.0	0.0	111.50	0.0
3.080	2545.	2307.8	0.0	12.3	0.0	93.39	1210.00
3.080	4505.	2309.9	2.0	12.6	0.0	124.22	1210.00
3.080	5580.	2310.8	0.9	12.7	0.0	137.62	1210.00
3.080	8815.	2313.1	2.3	13.0	0.0	161.37	1210.00
3.080	2545.	2308.4	0.0	0.5	0.0	87.37	40.00
3.080	4505.	2310.7	2.3	0.9	0.0	137.15	40.00
3.080	5580.	2311.7	1.0	1.0	0.0	152.21	40.00
3.080	8815.	2314.1	2.4	1.0	0.0	163.28	40.00
3.080	2545.	2309.9	0.0	1.5	0.0	124.59	12.00
3.080	4505.	2311.3	1.5	0.6	0.0	146.53	12.00
3.080	5580.	2311.9	0.5	0.2	0.0	154.94	12.00
3.080	8815.	2314.1	2.2	0.0	0.0	163.32	12.00
3.080	2545.	2309.9	0.0	0.0	0.0	125.14	10.00
3.080	4505.	2311.4	1.5	0.1	0.0	147.38	10.00
3.080	5580.	2312.0	0.6	0.1	0.0	156.36	10.00
3.080	8815.	2314.2	2.3	0.1	0.0	163.58	10.00
3.280	2435.	2313.5	0.0	3.6	0.0	120.13	990.00
3.280	4305.	2315.9	2.4	4.5	0.0	131.71	990.00
3.280	5330.	2317.0	1.1	5.0	0.0	138.21	990.00
3.280	8410.	2319.5	2.5	5.2	0.0	157.64	990.00
3.280	2435.	2313.8	0.0	0.3	0.0	121.68	40.00
3.280	4305.	2316.1	2.3	0.2	0.0	132.85	40.00
3.280	5330.	2317.2	1.1	0.2	0.0	139.79	40.00
3.280	8410.	2319.7	2.5	0.2	0.0	159.37	40.00
3.280	2435.	2315.0	0.0	1.1	0.0	127.18	12.00
3.280	4305.	2317.0	2.0	0.8	0.0	137.92	12.00
3.280	5330.	2317.8	0.8	0.5	0.0	184.45	12.00
3.280	8410.	2319.8	2.1	0.1	0.0	200.30	12.00
3.280	2435.	2315.0	0.0	0.0	0.0	127.26	10.00
3.280	4305.	2317.0	2.0	0.0	0.0	137.89	10.00
3.280	5330.	2317.8	0.8	0.0	0.0	184.50	10.00
3.280	8410.	2319.8	2.1	-0.0	0.0	200.17	10.00
3.500	2310.	2319.0	0.0	4.1	0.0	115.59	1150.00
3.500	4085.	2321.3	2.2	4.3	0.0	126.77	1150.00
3.500	5055.	2322.3	1.0	4.5	0.0	131.57	1150.00
3.500	7965.	2324.7	2.4	4.8	0.0	188.30	1150.00
3.700	2200.	2325.7	0.0	6.7	0.0	193.01	1010.00
3.700	3885.	2327.4	1.6	6.1	0.0	259.19	1010.00
3.700	4805.	2328.1	0.8	5.8	0.0	282.98	1010.00
3.700	7560.	2330.2	2.1	5.5	0.0	295.95	1010.00

SFCNC	Q	CHSEL	DIFWSP	DIFWSX	DIFKWS	TGPWID	XLCH
3.700	2200.	2326.1	0.0	0.4	0.0	48.00	100.00
3.700	3885.	2327.9	1.9	0.6	0.0	258.40	100.00
3.700	4805.	2328.7	0.7	0.6	0.0	262.14	100.00
3.700	7560.	2330.7	2.0	0.5	0.0	300.39	100.00
3.700	2200.	2326.2	0.0	0.1	0.0	48.00	21.00
3.700	3885.	2329.8	3.6	1.8	0.0	265.59	21.00
3.700	4805.	2330.6	0.8	1.9	0.0	259.26	21.00
3.700	7560.	2332.2	1.6	1.5	0.0	352.52	21.00
3.700	2200.	2326.8	0.0	0.6	0.0	239.37	25.00
3.710	3885.	2329.9	3.2	0.2	0.0	294.32	25.00
3.700	4805.	2330.8	0.8	0.1	0.0	300.96	25.00
3.700	7560.	2332.4	1.7	0.2	0.0	354.72	25.00
3.730	2185.	2326.9	0.0	0.1	0.0	113.03	85.00
3.730	3855.	2329.9	3.1	0.0	0.0	252.14	85.00
3.730	4770.	2330.8	0.8	0.0	0.0	281.31	85.00
3.730	7495.	2332.5	1.7	0.0	0.0	252.66	85.00
3.760	2165.	2328.9	0.0	2.0	0.0	102.74	85.00
3.760	3825.	2330.6	1.7	0.7	0.0	110.77	85.00
3.760	4730.	2331.4	0.8	0.6	0.0	119.41	85.00
3.760	7435.	2333.1	1.7	0.6	0.0	161.85	85.00
3.760	2165.	2329.6	0.0	0.7	0.0	100.85	60.00
3.760	3825.	2331.5	1.9	0.9	0.0	123.43	60.00
3.760	4730.	2332.4	0.9	1.0	0.0	153.96	60.00
3.760	7435.	2334.4	2.0	1.3	0.0	175.61	60.00
3.760	2165.	2331.1	0.0	1.5	0.0	104.04	16.00
3.760	3825.	2333.0	1.9	1.5	0.0	161.47	16.00
3.760	4730.	2333.7	0.7	1.3	0.0	169.21	16.00
* 3.760	7435.	2335.2	1.5	0.8	0.0	179.48	16.00
3.760	2165.	2331.2	0.0	0.1	0.0	113.38	15.00
3.760	3825.	2333.1	1.9	0.1	0.0	162.14	15.00
3.760	4730.	2333.8	0.7	0.1	0.0	169.95	15.00
3.760	7435.	2335.3	1.6	0.1	0.0	179.90	15.00
3.940	2090.	2333.6	0.0	2.4	0.0	120.81	910.00
3.940	3685.	2335.8	2.2	2.7	0.0	140.11	910.00
3.940	4555.	2336.7	0.9	2.9	0.0	175.30	910.00
3.940	7155.	2338.9	2.2	3.5	0.0	193.67	910.00
3.940	2090.	2333.9	0.0	0.3	0.0	124.53	60.00
3.940	3685.	2336.0	2.1	0.2	0.0	143.94	60.00
3.940	4555.	2336.9	0.9	0.2	0.0	182.88	60.00
3.940	7155.	2336.1	2.2	0.2	0.0	194.98	60.00
3.940	2090.	2335.6	0.0	1.7	0.0	138.54	13.00
* 3.940	3685.	2337.1	1.6	1.1	0.0	183.96	13.00
* 3.940	4555.	2337.8	0.6	0.8	0.0	187.57	13.00
* 3.940	7155.	2339.6	1.8	0.5	0.0	197.73	13.00

SECNO	Q	CHSEL	DIFWSP	DIFWSX	DIFKHS	TOPWID	XLCH
3.940	2090.	2335.6	0.0	-0.0	0.0	138.49	15.00
3.940	3685.	2337.1	1.5	-0.0	0.0	183.83	15.00
3.940	4555.	2337.7	0.6	-0.0	0.0	187.36	15.00
3.940	7155.	2339.5	1.8	-0.1	0.0	197.32	15.00
3.960	2090.	2335.7	0.0	0.2	0.0	139.57	100.00
3.960	3685.	2337.3	1.6	0.2	0.0	185.11	100.00
3.960	4555.	2338.0	0.7	0.3	0.0	188.84	100.00
3.960	7155.	2339.8	1.8	0.3	0.0	199.07	100.00
* 4.000	2065.	2337.3	0.0	1.6	0.0	38.08	180.00
* 4.000	3645.	2339.6	2.2	2.2	0.0	53.15	180.00
* 4.000	4500.	2340.7	1.1	2.7	0.0	66.52	180.00
* 4.000	7070.	2343.6	2.9	3.7	0.0	116.68	180.00
4.000	2065.	2339.3	0.0	2.0	0.0	51.15	40.00
4.000	3645.	2341.9	2.6	2.3	0.0	104.06	40.00
4.000	4500.	2343.2	1.3	2.5	0.0	113.60	40.00
4.000	7070.	2345.7	2.5	2.1	0.0	131.41	40.00
4.000	2065.	2341.7	0.0	2.4	0.0	102.81	15.00
* 4.000	3645.	2344.3	2.6	2.4	0.0	121.84	15.00
* 4.000	4500.	2345.2	0.9	2.1	0.0	128.73	15.00
* 4.000	7070.	2347.0	1.8	1.4	0.0	136.74	15.00
4.000	2065.	2341.7	0.0	-0.0	0.0	102.76	10.00
4.000	3645.	2344.3	2.6	0.0	0.0	121.77	10.00
4.000	4500.	2345.2	1.0	0.0	0.0	128.77	10.00
4.000	7070.	2347.0	1.8	0.0	0.0	136.76	10.00
* 4.250	1965.	2346.8	0.0	5.1	0.0	52.08	1265.00
4.250	3460.	2348.9	2.1	4.6	0.0	146.45	1265.00
4.250	4270.	2349.8	1.0	4.6	0.0	151.04	1265.00
4.250	6695.	2352.3	2.5	5.3	0.0	163.10	1265.00
* 4.260	1965.	2348.8	0.0	2.0	0.0	33.59	60.00
* 4.260	3460.	2350.9	2.1	2.1	0.0	145.31	60.00
* 4.260	4270.	2351.5	0.6	1.7	0.0	148.18	60.00
* 4.260	6695.	2352.9	1.4	0.6	0.0	154.72	60.00
4.260	1965.	2352.9	0.0	4.1	0.0	154.86	17.00
4.260	3460.	2354.3	1.4	3.4	0.0	161.66	17.00
4.260	4270.	2354.9	0.6	3.4	0.0	164.40	17.00
4.260	6695.	2356.2	1.3	3.3	0.0	170.55	17.00
4.260	1965.	2352.9	0.0	0.0	0.0	154.91	15.00
4.260	3460.	2354.4	1.4	0.0	0.0	161.74	15.00
4.260	4270.	2354.9	0.6	0.0	0.0	164.48	15.00
4.260	6695.	2356.2	1.3	0.0	0.0	170.69	15.00
* 4.530	1865.	2360.8	0.0	7.9	0.0	44.70	1450.00
* 4.530	3275.	2362.7	1.8	8.3	0.0	52.47	1450.00
* 4.530	4340.	2363.5	0.8	8.5	0.0	57.38	1450.00
* 4.530	6330.	2365.5	2.1	9.3	0.0	70.38	1450.00

SUMMARY OF ERRORS

 HEC2 RELEASE CATED NCV 76 UPDATED JULY 1979
 ERRCR CORR - 01,02,03
 MODIFICATION - 50,51,52,53,54

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

JACKS CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	C	CHSEL	CRIMS
2.86J	0.	0.0	0.0	2289.2	2665.0	2255.50	0.0
2.86J	0.	0.0	0.0	2289.2	4725.0	2297.26	0.0
2.86J	0.	0.0	0.0	2289.2	5855.0	2258.10	0.0
2.86J	0.	0.0	0.0	2289.2	9260.0	2300.10	0.0
3.08J	1210.	0.0	0.0	2300.1	2545.0	2307.83	0.0
3.08J	1210.	0.0	0.0	2300.1	4505.0	2309.86	0.0
3.08J	1210.	0.0	0.0	2300.1	5580.0	2310.75	0.0
3.08J	1210.	0.0	0.0	2300.1	8815.0	2313.08	0.0
*3.08J	40.	0.0	0.0	2300.1	2545.0	2308.38	0.0
3.08J	40.	0.0	0.0	2300.1	4505.0	2310.72	0.0
3.08J	40.	0.0	0.0	2300.1	5580.0	2311.71	0.0
3.08J	40.	0.0	0.0	2300.1	8815.0	2314.10	0.0
3.08J	12.	2306.3	2306.2	2300.1	2545.0	2309.88	0.0
3.08J	12.	2306.3	2306.2	2300.1	4505.0	2311.33	0.0
3.08J	12.	2306.3	2306.2	2300.1	5580.0	2311.88	0.0
3.08J	12.	2306.3	2306.2	2300.1	8815.0	2314.10	0.0
3.08J	10.	0.0	0.0	2300.1	2545.0	2309.92	0.0
3.08J	10.	0.0	0.0	2300.1	4505.0	2311.40	0.0
3.08J	10.	0.0	0.0	2300.1	5580.0	2311.98	0.0
3.08J	10.	0.0	0.0	2300.1	8815.0	2314.24	0.0
3.28J	990.	0.0	0.0	2305.4	2435.0	2313.48	0.0
3.28J	990.	0.0	0.0	2305.4	4305.0	2315.50	0.0
3.28J	990.	0.0	0.0	2305.4	5330.0	2317.02	0.0
3.28J	990.	0.0	0.0	2305.4	8410.0	2319.49	0.0
3.28J	40.	0.0	0.0	2305.4	2435.0	2313.81	0.0
3.28J	40.	0.0	0.0	2305.4	4305.0	2316.15	0.0
3.28J	40.	0.0	0.0	2305.4	5330.0	2317.24	0.0
3.28J	40.	0.0	0.0	2305.4	8410.0	2319.71	0.0
*3.28J	12.	2313.1	2313.0	2305.4	2435.0	2314.95	0.0
3.28J	12.	2313.1	2313.0	2305.4	4305.0	2316.97	0.0
3.28J	12.	2313.1	2313.0	2305.4	5330.0	2317.76	0.0
3.28J	12.	2313.1	2313.0	2305.4	8410.0	2319.83	0.0

SEGRNO	XLCH	ELTRC	ELLC	ELMIN	Q	ChSEL	CRIM:
3.280	10.	0.0	0.0	2305.4	2435.0	2314.96	0.0
3.280	10.	0.0	0.0	2305.4	4305.0	2316.97	0.0
3.280	10.	0.0	0.0	2305.4	5330.0	2317.76	0.0
3.280	10.	0.0	0.0	2305.4	8410.0	2319.82	0.0
3.501	1150.	0.0	0.0	2311.8	2310.0	2319.02	0.0
3.501	1150.	0.0	0.0	2311.8	4085.0	2321.26	0.0
3.500	1150.	0.0	0.0	2311.8	5055.0	2322.27	0.0
3.500	1150.	0.0	0.0	2311.8	7565.0	2324.66	0.0
3.700	1010.	0.0	0.0	2317.7	2200.0	2325.73	0.0
3.700	1010.	0.0	0.0	2317.7	3885.0	2327.35	0.0
3.700	1010.	0.0	0.0	2317.7	4805.0	2328.12	0.0
3.700	1010.	0.0	0.0	2317.7	7560.0	2330.20	0.0
3.700	100.	0.0	0.0	2317.7	2200.0	2326.05	0.0
3.700	100.	0.0	0.0	2317.7	3885.0	2327.95	0.0
3.700	100.	0.0	0.0	2317.7	4805.0	2328.68	0.0
3.700	100.	0.0	0.0	2317.7	7560.0	2330.71	0.0
3.700	21.	2328.9	2328.0	2317.7	2200.0	2326.16	0.0
3.700	21.	2328.9	2328.0	2317.7	3885.0	2325.79	0.0
3.700	21.	2328.9	2328.0	2317.7	4805.0	2330.62	0.0
3.700	21.	2328.9	2328.0	2317.7	7560.0	2332.23	0.0
3.700	25.	0.0	0.0	2317.7	2200.0	2326.78	0.0
3.700	25.	0.0	0.0	2317.7	3885.0	2329.94	0.0
3.700	25.	0.0	0.0	2317.7	4805.0	2330.76	0.0
3.700	25.	0.0	0.0	2317.7	7560.0	2332.45	0.0
3.730	85.	0.0	0.0	2320.5	2185.0	2326.88	2326.8
3.730	85.	0.0	0.0	2320.5	3855.0	2329.95	0.0
3.730	85.	0.0	0.0	2320.5	4770.0	2330.77	0.0
3.730	85.	0.0	0.0	2320.5	7495.0	2332.47	0.0
3.760	85.	0.0	0.0	2321.3	2165.0	2328.85	0.0
3.760	85.	0.0	0.0	2321.3	3825.0	2330.63	0.0
3.760	85.	0.0	0.0	2321.3	4730.0	2331.40	0.0
3.760	85.	0.0	0.0	2321.3	7435.0	2333.08	0.0
3.760	60.	0.0	0.0	2321.3	2165.0	2329.64	0.0
3.760	60.	0.0	0.0	2321.3	3825.0	2331.53	0.0
3.760	60.	0.0	0.0	2321.3	4730.0	2332.38	0.0
3.760	60.	0.0	0.0	2321.3	7435.0	2334.39	0.0
3.760	16.	2328.9	2328.6	2321.3	2165.0	2331.14	0.0
3.760	16.	2328.9	2328.6	2321.3	3825.0	2333.04	0.0
3.760	16.	2328.9	2328.6	2321.3	4730.0	2333.71	0.0
* 3.760	16.	2328.9	2328.6	2321.3	7435.0	2335.24	0.0
3.760	15.	0.0	0.0	2321.3	2165.0	2331.15	0.0
3.760	15.	0.0	0.0	2321.3	3825.0	2333.10	0.0
3.760	15.	0.0	0.0	2321.3	4730.0	2333.78	0.0
3.760	15.	0.0	0.0	2321.3	7435.0	2335.34	0.0

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CHSEL	CRIM
3.940	910.	0.0	0.0	2323.8	2090.0	2333.62	0.0
3.940	910.	0.0	0.0	2323.8	3685.0	2335.79	0.0
3.940	910.	0.0	0.0	2323.8	4555.0	2336.69	0.0
3.940	910.	0.0	0.0	2323.8	7155.0	2338.87	0.0
3.940	60.	0.0	0.0	2323.8	2090.0	2333.88	0.0
3.940	60.	0.0	0.0	2323.8	3685.0	2336.03	0.0
3.940	60.	0.0	0.0	2323.8	4555.0	2336.93	0.0
3.940	60.	0.0	0.0	2323.8	7155.0	2339.11	0.0
3.940	13.	2333.5	2332.8	2323.8	2090.0	2335.56	0.0
* 3.940	13.	2333.5	2332.8	2323.8	3685.0	2337.12	0.0
* 3.940	13.	2333.5	2332.8	2323.8	4555.0	2337.77	0.0
* 3.940	13.	2333.5	2332.8	2323.8	7155.0	2339.59	0.0
3.940	15.	0.0	0.0	2325.7	2090.0	2335.55	0.0
3.940	15.	0.0	0.0	2325.7	3685.0	2337.10	0.0
3.940	15.	0.0	0.0	2325.7	4555.0	2337.74	0.0
3.940	15.	0.0	0.0	2325.7	7155.0	2339.52	0.0
3.960	100.	0.0	0.0	2325.7	2090.0	2335.71	0.0
3.960	100.	0.0	0.0	2325.7	3685.0	2337.33	0.0
3.960	100.	0.0	0.0	2325.7	4555.0	2338.00	0.0
3.960	100.	0.0	0.0	2325.7	7155.0	2339.84	0.0
* 4.000	180.	0.0	0.0	2329.3	2065.0	2337.33	2337.3
* 4.000	180.	0.0	0.0	2329.3	3645.0	2339.56	2339.5
4.000	180.	0.0	0.0	2329.3	4500.0	2340.66	2340.6
4.000	180.	0.0	0.0	2329.3	7070.0	2343.55	2343.5
4.000	40.	0.0	0.0	2329.3	2065.0	2339.31	0.0
4.000	40.	0.0	0.0	2329.3	3645.0	2341.88	0.0
4.000	40.	0.0	0.0	2329.3	4500.0	2343.17	0.0
4.000	40.	0.0	0.0	2329.3	7070.0	2345.67	0.0
4.000	15.	2340.5	2340.7	2329.3	2065.0	2341.70	0.0
* 4.000	15.	2340.5	2340.7	2329.3	3645.0	2344.28	0.0
* 4.000	15.	2340.5	2340.7	2329.3	4500.0	2345.23	0.0
* 4.000	15.	2340.5	2340.7	2329.3	7070.0	2347.03	0.0
4.000	10.	0.0	0.0	2331.2	2065.0	2341.65	0.0
4.000	10.	0.0	0.0	2331.2	3645.0	2344.28	0.0
4.000	10.	0.0	0.0	2331.2	4500.0	2345.23	0.0
4.000	10.	0.0	0.0	2331.2	7070.0	2347.04	0.0
* 4.250	1265.	0.0	0.0	2340.0	1965.0	2346.76	2346.7
4.250	1265.	0.0	0.0	2340.0	3460.0	2348.88	0.0
4.250	1265.	0.0	0.0	2340.0	4270.0	2349.83	0.0
4.250	1265.	0.0	0.0	2340.0	6655.0	2352.34	0.0
* 4.260	60.	0.0	0.0	2342.3	1965.0	2348.80	2348.8
* 4.260	60.	0.0	0.0	2342.3	3460.0	2350.94	2350.9
* 4.260	60.	0.0	0.0	2342.3	4270.0	2351.54	2351.5
4.260	60.	0.0	0.0	2342.3	6655.0	2352.90	2352.9

FLOODWAY DATA, JACKS CREEK
 PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
2.860	70.	557.	10.5	2299.1	2298.1	1.0
3.080 ^{D.S.} *	90.	550.	10.1	2310.8	2310.8	0.0
3.090	90.	648.	8.6	2311.7	2311.7	0.6
3.080	90.	758.	7.4	2312.8	2311.9	0.9
3.080 ^{U.S.} *	90.	754.	7.4	2312.8	2312.0	0.8
3.280 ^{D.S.} *	90.	720.	7.4	2317.3	2317.0	0.3
3.280	90.	742.	7.2	2317.5	2317.2	0.3
3.280	90.	852.	6.3	2318.8	2317.8	1.0
3.280 ^{U.S.} *	90.	852.	6.3	2318.8	2317.8	1.0
3.500	90.	642.	7.9	2322.8	2322.3	0.5
3.700 ^{D.S.} *	120.	767.	6.3	2328.5	2328.1	0.4
3.700	120.	812.	5.9	2329.1	2328.7	0.4
3.700	120.	1125.	4.3	2331.5	2330.6	0.9
3.700 ^{U.S.} *	120.	1145.	4.2	2331.6	2330.8	0.8
3.730	120.	819.	5.8	2331.7	2330.8	0.9
3.760 ^{D.S.} *	100.	651.	7.3	2332.3	2331.4	0.9
3.760	100.	713.	6.6	2332.9	2332.4	0.5
3.760	100.	888.	5.4	2334.6	2333.7	0.9
3.760 ^{U.S.} *	100.	888.	5.3	2334.6	2333.8	0.8
3.940 ^{D.S.} *	100.	776.	5.9	2337.3	2336.7	0.6
3.940	100.	757.	5.7	2337.5	2336.9	0.6
3.940 ^{U.S.} *	100.	922.	4.9	2338.7	2337.8	0.9
3.940	100.	900.	5.1	2338.7	2337.7	1.0
3.960	100.	924.	4.9	2338.9	2338.0	0.9
4.000 ^{D.S.} *	80.	334.	13.5	2340.7	2340.7	0.0
4.000	80.	507.	8.9	2343.2	2343.2	0.0
4.000	80.	726.	6.2	2345.7	2345.2	0.5
4.000 ^{U.S.} *	80.	709.	6.3	2345.7	2345.2	0.5
4.250	80.	510.	6.4	2350.3	2349.8	0.5
4.260 ^{D.S.} *	80.	407.	10.5	2351.5	2351.5	0.0
4.260	80.	750.	5.7	2355.5	2354.9	0.6
4.260 ^{U.S.} *	80.	753.	5.7	2355.6	2354.9	0.7
4.530	55.	298.	13.5	2363.5	2363.5	0.0

* DOWNSTREAM AND UPSTREAM @ BRIDGES

EC2 RELEASE CATEG NCV 76 UPDATED JULY 1979

ERROR CCRR - 01,02,03

MODIFICATION - 50,51,52,53,54

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

JACKS CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
2.860	2298.10	0.0	2300.26	95.	0.	0.	0.
2.860	2299.10	1.00	2300.81	70.	70.	165.	235.
3.080	2310.75	0.0	2313.02	138.	0.	0.	0.
3.080	2310.54	-0.22	2313.17	90.	90.	165.	255.
3.080	2311.71	0.0	2313.37	152.	0.	0.	0.
3.080	2311.64	-0.07	2313.57	90.	90.	165.	255.
* 3.080	2311.88	0.0	2313.44	155.	0.	0.	0.
3.080	2312.75	0.87	2314.21	90.	90.	165.	255.
3.080	2311.98	0.0	2313.50	156.	0.	0.	0.
3.080	2312.81	0.82	2314.26	90.	90.	165.	255.
3.280	2317.02	0.0	2318.05	138.	0.	0.	0.
3.280	2317.29	0.28	2318.58	90.	90.	195.	285.
3.280	2317.24	0.0	2318.20	140.	0.	0.	0.
3.280	2317.54	0.30	2318.76	90.	90.	195.	285.
3.280	2317.76	0.0	2318.58	184.	0.	0.	0.
3.280	2318.76	0.99	2319.69	90.	90.	195.	285.
3.280	2317.76	0.0	2318.64	184.	0.	0.	0.
3.280	2318.76	1.00	2319.74	90.	90.	195.	285.
3.500	2322.27	0.0	2323.70	132.	0.	0.	0.
3.500	2322.83	0.56	2324.33	90.	90.	195.	285.
3.700	2328.12	0.0	2329.01	283.	0.	0.	0.
3.700	2328.48	0.37	2329.63	120.	120.	300.	420.
3.700	2328.68	0.0	2329.41	262.	0.	0.	0.
* 3.700	2329.09	0.41	2330.07	115.	120.	300.	420.
3.700	2330.62	0.0	2330.93	299.	0.	0.	0.
3.700	2331.48	0.86	2332.02	120.	120.	300.	420.

SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
3.700	2330.76	0.0	2330.97	301.	0.	0.	0.
3.700	2331.64	0.88	2332.06	120.	120.	300.	420.
3.730	2330.77	0.0	2331.77	281.	0.	0.	0.
3.730	2331.72	0.95	2332.77	120.	120.	300.	420.
3.760	2331.40	0.0	2332.93	119.	0.	0.	0.
3.760	2332.28	0.88	2333.44	100.	100.	175.	275.
3.760	2332.38	0.0	2333.46	154.	0.	0.	0.
3.760	2332.51	0.53	2333.86	100.	100.	175.	275.
3.760	2333.71	0.0	2334.40	169.	0.	0.	0.
3.760	2334.57	0.86	2335.19	100.	100.	175.	275.
3.760	2333.78	0.0	2334.45	170.	0.	0.	0.
3.760	2334.63	0.85	2335.24	100.	100.	175.	275.
3.940	2336.69	0.0	2337.44	175.	0.	0.	0.
3.940	2337.28	0.60	2338.09	100.	100.	170.	270.
3.940	2336.93	0.0	2337.62	183.	0.	0.	0.
3.940	2337.49	0.56	2338.26	100.	100.	170.	270.
* 3.940	2337.77	0.0	2338.28	188.	0.	0.	0.
* 3.940	2338.74	0.97	2339.31	100.	100.	170.	270.
3.940	2337.74	0.0	2338.38	187.	0.	0.	0.
3.940	2338.71	0.97	2339.40	100.	100.	170.	270.
3.960	2338.00	0.0	2338.68	189.	0.	0.	0.
3.960	2338.94	0.94	2339.67	100.	100.	170.	270.
* 4.000	2340.66	0.0	2344.07	67.	0.	0.	0.
* 4.000	2340.70	0.04	2344.07	62.	80.	130.	210.
4.000	2343.17	0.0	2344.75	114.	0.	0.	0.
4.000	2343.00	-0.17	2344.76	80.	80.	130.	210.
* 4.000	2345.23	0.0	2346.11	129.	0.	0.	0.
* 4.000	2345.74	0.51	2346.67	80.	80.	130.	210.
4.000	2345.23	0.0	2346.16	129.	0.	0.	0.
4.000	2345.73	0.50	2346.73	80.	80.	130.	210.
4.250	2345.83	0.0	2351.04	151.	0.	0.	0.
4.250	2350.26	0.43	2351.79	80.	80.	200.	280.
* 4.260	2351.54	0.0	2353.46	148.	0.	0.	0.
* 4.260	2351.27	-0.26	2353.96	80.	80.	200.	280.
4.260	2354.91	0.0	2355.40	164.	0.	0.	0.
4.260	2355.55	0.64	2356.35	80.	80.	200.	280.
4.260	2354.93	0.0	2355.43	164.	0.	0.	0.
4.260	2355.59	0.66	2356.39	80.	80.	200.	280.

	SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
*	4.530	2363.45	0.0	2366.31	57.	0.	0.	0.
* C	4.530	2363.43	-0.02	2366.31	55.	55.	60.	115.

SUMMARY OF ERRORS

CAUTION	SFCNO=	3.940	PROFILE= 1	HYDRAULIC JUMP D.S.
CAUTION	SECNO=	3.940	PROFILE= 2	HYDRAULIC JUMP D.S.
CAUTION	SECNO=	4.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4.000	PROFILE= 1	HYDRAULIC JUMP D.S.
CAUTION	SECNO=	4.000	PROFILE= 2	HYDRAULIC JUMP D.S.
CAUTION	SECNO=	4.260	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4.260	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4.260	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4.260	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4.260	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4.260	PROFILE= 2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4.530	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4.530	PROFILE= 1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4.530	PROFILE= 1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4.530	PROFILE= 2	CRITICAL DEPTH ASSUMED

	SECNO	CWSEL	DIFKWS	EG	TOPWID	PERENC	STENCL	STENCR
*	4.530	2363.45	0.0	2366.31	57.	0.	0.	0.
*	4.530	2363.43	-0.02	2366.31	55.	55.	60.	115.

SUMMARY OF ERRORS

CAUTION SFCNO= 3.940 PROFILE= 1 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 3.940 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 4.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 4.000 PROFILE= 2 CRITICAL DEPTH ASSUMED

CAUTION SECNO= 4.000 PROFILE= 1 HYDRAULIC JUMP D.S.
 CAUTION SECNO= 4.000 PROFILE= 2 HYDRAULIC JUMP D.S.

CAUTION SECNO= 4.260 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 4.260 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 4.260 PROFILE= 1
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 4.260 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 4.260 PROFILE= 2

PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 4.260 PROFILE= 2
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 4.530 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 4.530 PROFILE= 1

PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 4.530 PROFILE= 1
 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 4.530 PROFILE= 2 CRITICAL DEPTH ASSUMED