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

T1 CALDWELL CREEK PROFILE CABARRUS COUNTY
 T2 FIS CABARRUS CO. JOB NO. 207022
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	ING	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	-1.	4.	0.	0.	0.0	0.0	0.0	0.	538.040	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLOC	IBW	CHNIM	ITRACE
	0.0	0.0	-1.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	39.000	40.000	41.000	43.000	42.000	1.000	2.000	26.000	53.000
	54.000	25.000	50.000	0.0	200.000	0.0	0.0	0.0	0.0	0.0
NC	0.050	0.090	0.045	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	1425.000	2390.000	2935.000	4570.000	2935.000	0.0	0.0	0.0	0.0
ET	0.000	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
NP	4.000	0.085	1044.000	0.045	1079.000	0.085	1200.000	0.070	1483.000	0.0
A X1	400.000	14.000	1044.000	1079.000	400.000	400.000	400.000	0.0	0.0	0.0
GR	541.200	990.000	542.000	1000.000	538.800	1014.000	538.700	1044.000	529.300	1051.000
GR	527.200	1059.000	529.300	1066.000	537.100	1079.000	536.300	1100.000	536.700	1200.000
GR	536.400	1300.000	536.900	1393.000	537.100	1400.000	541.700	1483.000	0.0	0.0
QT	5.000	1405.000	2365.000	2900.000	4520.000	2900.000	0.0	0.0	0.0	0.0
NC	0.080	0.090	0.045	0.100	0.300	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	7.100	1160.000	1260.000	0.0	0.0
B X1	2690.000	12.000	1207.000	1252.000	2290.000	2290.000	2290.000	0.0	20.000	0.0
GR	536.900	1000.000	532.600	1050.000	530.900	1100.000	529.400	1150.000	527.100	1200.000
GR	526.100	1207.000	522.800	1214.000	521.900	1223.000	522.800	1236.000	526.800	1252.000
GR	531.800	1300.000	536.900	1347.000	0.0	0.0	0.0	0.0	0.0	0.0
						10.400	0.0	0.0	0.0	0.0

	0.0	0.0	0.0	0.0	0.0	7.100	1160.000	1260.000	0.0	0.0
X1	2690.000	12.000	1207.000	1252.000	2290.000	2290.000	2290.000	0.0	20.000	0.0
GR	536.900	1000.000	532.600	1050.000	530.900	1100.000	529.400	1150.000	527.100	1200.000
GR	526.100	1207.000	522.800	1214.000	521.900	1223.000	522.800	1236.000	526.800	1252.000
GR	531.800	1300.000	536.900	1347.000	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	2711.000	0.0	0.0	0.0	20.500	20.500	20.500	0.0	0.400	0.0
NC	0.050	0.050	0.045	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0
X1	2731.000	10.000	1150.000	1180.000	20.500	20.500	20.500	0.0	0.0	0.0
GR	557.100	1000.000	555.400	1050.000	553.100	1150.000	543.000	1150.000	542.700	1165.000
GR	545.300	1180.000	553.000	1180.000	555.600	1250.000	558.200	1300.000	559.600	1325.000
X1	2732.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	10.000	1000.000	557.100	0.0	1050.000	555.400	0.0	1100.000	554.000	0.0
BT	1150.000	553.100	551.400	1165.000	553.000	551.300	1180.000	553.000	551.400	1200.000
BT	553.500	0.0	1250.000	555.600	0.0	1300.000	558.200	0.0	1325.000	559.600
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	2748.000	0.0	0.0	0.0	16.000	16.000	16.000	0.0	0.0	0.0
BT	10.000	1000.000	557.100	0.0	1050.000	555.400	0.0	1100.000	554.000	0.0
BT	1150.000	553.100	551.400	1165.000	553.000	551.300	1180.000	553.000	551.400	1200.000
BT	553.500	0.0	1250.000	555.600	0.0	1300.000	558.200	0.0	1325.000	559.600
BT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	2749.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
NC	0.100	0.100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	2770.000	12.000	1207.000	1252.000	20.500	20.500	20.500	0.0	20.900	0.0
GR	536.900	1000.000	532.600	1050.000	530.900	1100.000	529.400	1150.000	527.100	1200.000
GR	526.100	1207.000	522.800	1214.000	521.900	1223.000	522.800	1236.000	526.800	1252.000
GR	531.800	1300.000	536.900	1347.000	0.0	0.0	0.0	0.0	0.0	0.0
X1	2790.000	0.0	0.0	0.0	20.500	20.500	20.500	0.0	0.100	0.0
QT	5.000	1350.000	2270.000	2785.000	4350.000	2785.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	7.100	1115.000	1185.000	0.0	0.0
X1	4000.000	15.000	1133.000	1179.000	1210.000	1210.000	1210.000	0.0	3.670	0.0
GR	500.000	400.000	580.000	750.000	500.000	850.000	570.000	1000.000	550.000	1000.000

QT	5.000	1350.000	2270.000	2785.000	4350.000	2785.000	4350.000	2785.000	4350.000	2785.000	4350.000	2785.000	4350.000
ET	0.0	0.0	0.0	0.0	0.0	7.100	1115.000	1185.000	0.0	0.0	0.0	0.0	0.0
X1	4000.000	15.000	1133.000	1179.000	1210.000	1210.000	1210.000	0.0	-3.670	0.0			
GR	600.000	400.000	590.000	750.000	580.000	850.000	570.000	1000.000	560.000	1080.000			
GR	558.400	1133.000	553.200	1135.000	551.000	1145.000	553.200	1177.000	557.900	1179.000			
GR	560.000	1240.000	570.000	1340.000	580.000	1450.000	590.000	1610.000	600.000	1810.000			
ET	0.0	0.0	0.0	0.0	0.0	7.100	1115.000	1185.000	0.0	0.0			
C X1	5000.000	0.0	0.0	0.0	1000.000	1000.000	1000.000	0.0	3.000	0.0			
ET	0.0	0.0	0.0	0.0	0.0	7.100	1115.000	1185.000	0.0	0.0			
D X1	6950.000	15.000	1133.000	1179.000	1950.000	1950.000	1950.000	0.0	0.0	0.0			
GR	572.100	1000.000	565.200	1069.000	564.500	1100.000	563.700	1133.000	559.500	1135.000			
GR	556.300	1145.000	558.200	1177.000	563.200	1179.000	563.600	1200.000	563.700	1200.000			
GR	560.800	1213.000	563.500	1219.000	563.000	1250.000	568.600	1300.000	572.700	1319.000			
NH	3.000	0.070	1114.000	0.040	1153.000	0.090	1350.000	0.0	0.0	0.0			
QT	5.000	1315.000	2210.000	2720.000	4245.000	2720.000	0.0	0.0	0.0	0.0			
ET	0.0	0.0	0.0	0.0	0.0	-8.400	0.0	0.0	0.0	0.0			
E X1	9800.000	17.000	1114.000	1153.000	2850.000	2850.000	2850.000	0.0	0.0	0.0			
GR	580.000	1000.000	573.500	1050.000	572.800	1070.000	568.200	1088.000	566.000	1100.000			
GR	567.000	1114.000	565.500	1116.000	563.600	1122.000	565.500	1151.000	568.200	1153.000			
GR	571.100	1163.000	570.400	1191.000	568.300	1194.000	569.900	1201.000	571.800	1278.000			
GR	575.000	1300.000	580.800	1350.000	0.0	0.0	0.0	0.0	0.0	0.0			
QT	5.000	1260.000	2130.000	2620.000	4095.000	2620.000	0.0	0.0	0.0	0.0			
HC	0.080	0.080	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
ET	0.0	0.0	0.0	0.0	0.0	-10.400	0.0	0.0	0.0	0.0			
F X1	12325.000	12.000	1077.000	1110.000	2525.000	2525.000	2525.000	0.0	0.0	0.0			
GR	585.300	1000.000	576.700	1050.000	576.900	1077.000	572.100	1081.000	569.700	1085.000			
GR	572.100	1107.000	576.400	1110.000	576.900	1200.000	576.200	1300.000	580.100	1400.000			
GR	582.900	1500.000	585.500	1535.000	0.0	0.0	0.0	0.0	0.0	0.0			
X1	12625.000	16.000	1420.000	1441.000	300.000	300.000	300.000	0.0	0.0	0.0			
GR	586.700	1000.000	583.500	1100.000	580.300	1200.000	578.200	1300.000	576.900	1400.000			
GR	575.700	1420.000	572.500	1424.000	571.400	1430.000	572.500	1439.000	575.100	1441.000			
GR	575.900	1452.000	579.900	1473.000	577.400	1500.000	576.700	1600.000	583.800	1632.000			
GR	586.700	1691.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
X1	12647.000	0.0	0.0	0.0	21.800	21.800	21.800	0.0	0.100	0.0			
HC	0.040	0.040	0.030	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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

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

100 YEAR FLOOD WATER SUR

SUMMARY PRINTOUT

	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
A	400.000	400.00	0.0	0.0	2935.00	527.20	538.04	0.0	8.34	1044.49	1416.96	713.93	0.0
	400.000	400.00	0.0	0.0	2935.00	527.20	539.04	0.0	9.02	1038.94	1152.29	461.70	1.00
B	2690.000	2290.00	0.0	0.0	2900.00	541.90	550.38	0.0	8.05	1117.20	1286.41	518.60	0.0
	2690.000	2290.00	0.0	0.0	2900.00	541.90	550.76	0.0	7.73	1160.00	1260.00	491.86	0.38
	2711.000	20.50	0.0	0.0	2900.00	542.30	550.34	0.0	8.89	1131.96	1282.16	447.89	0.0
	2711.000	20.50	0.0	0.0	2900.00	542.30	550.36	0.0	10.04	1207.00	1252.00	288.96	0.02
*	2731.000	20.50	0.0	0.0	2900.00	542.70	550.02	550.02	14.67	1150.00	1180.00	197.71	0.0
*	2731.000	20.50	0.0	0.0	2900.00	542.70	550.02	550.02	14.67	1150.00	1180.00	197.71	0.0
	2732.000	1.00	553.00	551.40	2900.00	542.70	550.65	0.0	13.38	1150.00	1180.00	216.75	0.0
	2732.000	1.00	553.00	551.40	2900.00	542.70	550.71	0.0	13.26	1150.00	1180.00	218.71	0.05
	2748.000	16.00	553.00	551.40	2900.00	542.70	551.54	0.0	12.20	1150.00	1180.00	237.75	0.0
	2748.000	16.00	553.00	551.40	2900.00	542.70	551.54	0.0	12.20	1150.00	1180.00	237.75	-0.01
	2749.000	1.00	0.0	0.0	2900.00	542.70	551.87	0.0	11.44	1150.00	1180.00	253.57	0.0
	2749.000	1.00	0.0	0.0	2900.00	542.70	551.86	0.0	11.45	1150.00	1180.00	253.19	-0.01
	2770.000	20.50	0.0	0.0	2900.00	542.80	553.85	0.0	4.96	1045.97	1310.57	1083.70	0.0
	2770.000	20.50	0.0	0.0	2900.00	542.80	553.61	0.0	6.14	1178.48	1263.20	624.45	-0.24
	2790.000	20.50	0.0	0.0	2900.00	542.90	553.87	0.0	5.04	1046.93	1309.81	1061.88	0.0
	2790.000	20.50	0.0	0.0	2900.00	542.90	553.63	0.0	6.24	1180.16	1262.57	607.75	-0.23
	4000.000	1210.00	0.0	0.0	2785.00	547.33	556.03	0.0	8.09	1089.80	1231.40	410.94	0.0
	4000.000	1210.00	0.0	0.0	2785.00	547.33	556.65	0.0	7.50	1115.00	1185.00	407.33	0.62
C	5000.000	1000.00	0.0	0.0	2785.00	550.33	560.15	0.0	6.60	1073.44	1248.20	592.83	0.0
	5000.000	1000.00	0.0	0.0	2785.00	550.33	560.26	0.0	5.92	1115.00	1185.00	449.53	0.10
D	6950.000	1950.00	0.0	0.0	2785.00	556.30	565.76	0.0					

C	5000.000	1000.00	0.0	0.0	2785.00	550.33	560.15	0.0	6.60	1073.44	1248.20	592.83	0.0
	5000.000	1000.00	0.0	0.0	2785.00	550.33	560.26	0.0	6.92	1115.00	1185.00	449.53	0.10
D	6950.000	1950.00	0.0	0.0	2785.00	556.30	565.76	0.0	6.46	1063.37	1274.67	672.83	0.0
	6950.000	1950.00	0.0	0.0	2785.00	556.30	566.21	0.0	6.92	1115.00	1185.00	450.04	0.45
E	9800.000	2850.00	0.0	0.0	2720.00	563.60	572.67	0.0	6.39	1070.49	1284.01	743.82	0.0
	9800.000	2850.00	0.0	0.0	2720.00	563.60	573.41	0.0	6.84	1100.45	1194.16	548.97	0.74

	SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRHS	VCH	SSTA	ENDST	AREA	DIFWSP
F	12325.000	2525.00	0.0	0.0	2620.00	569.70	578.84	0.0	6.95	1037.54	1367.78	822.54	0.0
	12325.000	2525.00	0.0	0.0	2620.00	569.70	579.73	0.0	7.73	1065.02	1181.07	524.54	0.89
	12625.000	300.00	0.0	0.0	2620.00	571.40	579.89	0.0	7.06	1219.10	1614.42	976.64	0.0
	12625.000	300.00	0.0	0.0	2620.00	571.40	580.91	0.0	7.66	1362.39	1528.57	711.77	1.02
	12647.000	21.80	0.0	0.0	2620.00	571.50	579.94	0.0	7.19	1221.39	1614.20	957.69	0.0
	12647.000	21.80	0.0	0.0	2620.00	571.50	580.96	0.0	7.82	1364.01	1527.45	693.01	1.02
	12669.000	21.80	0.0	0.0	2620.00	571.60	580.26	0.0	4.57	1105.32	1498.67	1185.72	0.0
	12669.000	21.80	0.0	0.0	2620.00	571.60	581.42	0.0	4.78	1221.88	1411.19	965.52	1.16
	12682.000	13.00	577.10	578.20	2620.00	571.60	580.03	0.0	7.51	1114.58	1497.74	519.29	0.0
	12682.000	13.00	999999.00	0.0	2620.00	571.60	581.19	0.0	4.36	1199.99	1432.91	1692.28	1.16
	12703.000	21.80	0.0	0.0	2620.00	571.54	580.33	0.0	6.31	1205.00	1615.75	1095.92	0.0
	12703.000	21.80	0.0	0.0	2620.00	571.54	580.95	0.0	7.49	1353.19	1534.08	746.63	0.62
G	12725.000	21.80	0.0	0.0	2620.00	571.40	580.43	0.0	5.78	1195.69	1616.85	1197.11	0.0
	12725.000	21.80	0.0	0.0	2620.00	571.40	581.14	0.0	6.69	1345.41	1538.58	850.27	0.70
H	16150.000	3425.00	0.0	0.0	2450.00	580.10	588.01	0.0	6.07	1111.00	1444.85	908.90	0.0
	16150.000	3425.00	0.0	0.0	2450.00	580.10	589.03	0.0	6.19	1202.81	1387.10	784.46	1.02

SUMMARY OF ERRORS

CAUTION SECNO= 2731.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 2731.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY

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

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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

SECNO	YLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRINS	VCH	SSTA	ENDST	AREA	DIFWSP
400.000	400.00	0.0	0.0	1425.00	527.20	536.59	534.21	7.49	1045.57	1335.28	210.11	0.0
400.000	400.00	0.0	0.0	2390.00	527.20	537.65	537.54	8.13	1044.78	1409.80	569.15	1.06
400.000	400.00	0.0	0.0	2935.00	527.20	538.04	0.0	8.34	1044.49	1416.99	714.40	0.39
400.000	400.00	0.0	0.0	4570.00	527.20	538.94	0.0	8.9A	1013.40	1433.13	1060.74	0.89
2630.000	2290.00	0.0	0.0	1405.00	541.90	548.49	0.0	6.06	1169.77	1260.23	270.41	0.0
2630.000	2290.00	0.0	0.0	2365.00	541.90	549.84	0.0	7.43	1135.38	1281.17	432.71	1.34
2630.000	2290.00	0.0	0.0	2900.00	541.90	550.38	0.0	8.05	1117.25	1286.39	513.35	0.54
2630.000	2290.00	0.0	0.0	4520.00	541.90	551.71	0.0	9.42	1076.33	1299.09	778.30	1.32
2711.000	20.50	0.0	0.0	1405.00	542.30	548.50	0.0	6.67	1178.14	1264.53	234.81	0.0
2711.000	20.50	0.0	0.0	2365.00	542.30	549.81	0.0	8.21	1149.72	1277.04	373.93	1.30
2711.000	20.50	0.0	0.0	2900.00	542.30	550.34	0.0	8.90	1132.01	1282.14	447.67	0.53
2711.000	20.50	0.0	0.0	4520.00	542.30	551.62	0.0	10.44	1090.44	1294.48	675.90	1.28
2731.000	20.50	0.0	0.0	1405.00	542.70	548.04	0.0	10.13	1150.00	1180.00	138.65	0.0
2731.000	20.50	0.0	0.0	2365.00	542.70	549.19	549.19	13.67	1150.00	1180.00	173.03	1.15
2731.000	20.50	0.0	0.0	2900.00	542.70	550.01	550.01	14.67	1150.00	1180.00	197.70	0.82
2731.000	20.50	0.0	0.0	4520.00	542.70	552.26	552.26	17.05	1150.00	1180.00	265.07	2.25
2732.000	1.00	553.00	551.40	1405.00	542.70	548.10	0.0	10.01	1150.00	1180.00	140.35	0.0
2732.000	1.00	553.00	551.40	2365.00	542.70	549.73	0.0	12.51	1150.00	1180.00	188.99	1.63
2732.000	1.00	553.00	551.40	2900.00	542.70	550.65	0.0	13.38	1150.00	1180.00	216.74	0.92
2732.000	1.00	553.00	551.40	4520.00	542.70	556.59	555.73	7.05	1014.87	1269.12	770.34	5.94
2742.000	16.00	553.00	551.40	1405.00	542.70	548.67	0.0	8.93	1150.00	1180.00	157.30	0.0

* * *

2732.000	1.00	553.00	551.40	4520.00	542.70	556.59	555.73	7.05	1014.87	1180.00	1180.00	770.34	5.94
2742.000	16.00	553.00	551.40	1405.00	542.70	548.67	0.0	8.93	1150.00	1180.00	1180.00	157.30	0.0
2748.000	16.00	553.00	551.40	2365.00	542.70	550.58	0.0	11.03	1150.00	1180.00	1180.00	214.46	1.91
2748.000	16.00	553.00	551.40	2900.00	542.70	551.54	0.0	12.20	1150.00	1180.00	1180.00	237.75	0.97
2748.000	16.00	553.00	551.40	4520.00	542.70	556.84	0.0	6.44	1007.63	1273.85	1273.85	834.38	5.30
2749.000	1.00	0.0	0.0	1405.00	542.70	548.69	0.0	8.91	1150.00	1180.00	1180.00	157.74	0.0
2749.000	1.00	0.0	0.0	2365.00	542.70	550.60	0.0	11.00	1150.00	1180.00	1180.00	215.06	1.91
2749.000	1.00	0.0	0.0	2900.00	542.70	551.87	0.0	11.44	1150.00	1180.00	1180.00	253.57	1.27
2749.000	1.00	0.0	0.0	4520.00	542.70	556.67	0.0	8.02	1012.68	1270.56	1270.56	839.70	4.80
2770.000	20.50	0.0	0.0	1405.00	542.80	549.61	0.0	5.79	1164.95	1270.36	1270.36	293.00	0.0
2770.000	20.50	0.0	0.0	2365.00	542.80	552.33	0.0	5.44	1084.59	1296.39	1296.39	717.28	2.72
2770.000	20.50	0.0	0.0	2900.00	542.80	553.85	0.0	4.96	1045.97	1310.57	1310.57	1083.70	1.52
2770.000	20.50	0.0	0.0	4520.00	542.80	557.31	0.0	4.45	1005.68	1342.50	1342.50	2125.65	3.46

SECHO	YLCH	ELTPD	ELLC	Q	ELMIN	CHSEL	CRWS	VCH	SSTA	ENOST	AREA	DIFWSP	
2790.000	20.50	0.0	0.0	1405.00	542.90	549.68	0.0	5.84	1165.67	1270.04	1270.04	289.54	0.0
2790.000	20.50	0.0	0.0	2365.00	542.90	552.36	0.0	5.52	1084.65	1295.72	1295.72	702.55	2.68
2790.000	20.50	0.0	0.0	2900.00	542.90	553.87	0.0	5.04	1046.93	1309.81	1309.81	1061.80	1.51
2790.000	20.50	0.0	0.0	4520.00	542.90	557.32	0.0	4.50	1006.77	1341.64	1341.64	2094.24	3.45
4000.000	1210.00	0.0	0.0	1350.00	547.33	554.03	0.0	5.51	1133.25	1178.93	1178.93	245.18	0.0
4000.000	1210.00	0.0	0.0	2270.00	547.33	555.43	0.0	7.31	1109.75	1213.91	1213.91	336.92	1.35
4000.000	1210.00	0.0	0.0	2785.00	547.33	556.03	0.0	6.09	1039.80	1231.40	1231.40	410.94	0.60
4000.000	1210.00	0.0	0.0	4350.00	547.33	558.35	0.0	8.33	1063.04	1260.20	1260.20	815.57	2.32
5000.000	1000.00	0.0	0.0	1350.00	550.33	557.37	0.0	5.22	1133.14	1182.95	1182.95	259.05	0.0
5000.000	1000.00	0.0	0.0	2270.00	550.33	559.33	0.0	6.26	1074.98	1240.02	1240.02	455.96	1.97
5000.000	1000.00	0.0	0.0	2785.00	550.33	560.15	0.0	6.60	1073.44	1248.20	1248.20	592.83	0.82
5000.000	1000.00	0.0	0.0	4350.00	550.33	561.86	0.0	7.66	1059.76	1265.30	1265.30	918.08	1.71
6950.000	1950.00	0.0	0.0	1350.00	556.30	563.25	0.0	5.24	1133.17	1252.35	1252.35	270.00	0.0
6950.000	1950.00	0.0	0.0	2270.00	556.30	565.06	0.0	6.11	1075.30	1268.37	1268.37	528.94	1.80
6950.000	1950.00	0.0	0.0	2785.00	556.30	565.76	0.0	6.46	1063.37	1274.67	1274.67	672.83	0.71
6950.000	1950.00	0.0	0.0	4350.00	556.30	567.54	0.0	7.18	1045.57	1290.56	1290.56	1076.91	1.78
8800.000	2850.00	0.0	0.0	1315.00	563.60	570.44	0.0	5.20	1079.22	1223.04	1223.04	331.49	0.0
8800.000	2850.00	0.0	0.0	2210.00	563.60	572.00	0.0	6.04	1073.09	1279.45	1279.45	604.50	1.56
8800.000	2850.00	0.0	0.0	2720.00	563.60	572.67	0.0	6.39	1070.49	1284.01	1284.01	743.62	0.67
8800.000	2850.00	0.0	0.0	4285.00	563.60	574.25	0.0	7.21	1048.21	1300.86	1300.86	1110.00	1.58

1000.00	0.0	0.0	1350.00	550.33	557.37	0.0	5.22	1133.14	1182.95	259.05	0.0
1000.00	0.0	0.0	2270.00	550.33	559.33	0.0	6.26	1079.98	1240.02	455.96	1.97
1000.00	0.0	0.0	2785.00	550.33	560.15	0.0	6.60	1073.44	1248.20	592.83	0.82
1000.00	0.0	0.0	4350.00	550.33	561.86	0.0	7.66	1059.76	1265.30	918.08	1.71
1250.00	0.0	0.0	1350.00	556.30	563.25	0.0	5.24	1133.17	1252.35	270.00	0.0
1250.00	0.0	0.0	2270.00	556.30	565.06	0.0	6.11	1075.30	1268.37	528.94	1.80
1250.00	0.0	0.0	2785.00	556.30	565.76	0.0	6.46	1063.37	1274.67	672.83	0.71
1250.00	0.0	0.0	4350.00	556.30	567.54	0.0	7.18	1045.57	1290.56	1078.91	1.78
2850.00	0.0	0.0	1315.00	563.60	570.44	0.0	5.20	1079.22	1223.04	331.49	0.0
2850.00	0.0	0.0	2210.00	563.60	572.00	0.0	6.04	1073.09	1279.45	604.50	1.56
2850.00	0.0	0.0	2720.00	563.60	572.67	0.0	6.39	1070.49	1284.01	743.82	0.67
2850.00	0.0	0.0	4245.00	563.60	574.25	0.0	7.21	1044.21	1294.86	1114.29	1.58
2525.00	0.0	0.0	1260.00	569.70	577.15	575.03	6.43	1047.42	1324.19	306.57	0.0
2525.00	0.0	0.0	2130.00	569.70	578.32	0.0	6.81	1040.57	1354.40	654.49	1.17
2525.00	0.0	0.0	2620.00	569.70	578.84	0.0	6.95	1037.54	1367.78	822.54	0.52
2525.00	0.0	0.0	4095.00	569.70	580.16	0.0	7.23	1029.87	1402.21	1285.29	1.32
300.00	0.0	0.0	1260.00	571.40	578.40	0.0	6.60	1290.48	1607.66	450.88	0.0
300.00	0.0	0.0	2130.00	571.40	579.43	0.0	6.94	1241.30	1612.32	798.02	1.03
300.00	0.0	0.0	2620.00	571.40	579.89	0.0	7.06	1219.10	1614.42	976.64	0.46
300.00	0.0	0.0	4095.00	571.40	581.08	0.0	7.28	1175.55	1619.75	1476.05	1.19
21.00	0.0	0.0	1260.00	571.50	578.46	0.0	6.70	1291.83	1607.53	442.48	0.0
21.80	0.0	0.0	2130.00	571.50	579.48	0.0	7.06	1243.24	1612.13	782.93	1.02
21.80	0.0	0.0	2620.00	571.50	579.94	0.0	7.19	1221.39	1614.20	957.69	0.46
21.80	0.0	0.0	4095.00	571.50	581.13	0.0	7.38	1176.96	1619.55	1455.96	1.19
21.80	0.0	0.0	1260.00	571.60	578.91	0.0	4.07	1159.72	1493.23	691.51	0.0
21.80	0.0	0.0	2130.00	571.60	579.84	0.0	4.40	1122.32	1496.97	1022.57	0.93
21.80	0.0	0.0	2620.00	571.60	580.26	0.0	4.57	1105.32	1498.67	1185.72	0.43
21.80	0.0	0.0	4095.00	571.60	581.38	0.0	4.88	1084.47	1503.59	1638.59	1.11
12682.000	13.00	577.10	1260.00	571.60	578.94	578.94	8.94	1158.31	1493.37	258.89	0.0
12682.000	13.00	577.10	2130.00	571.60	579.45	579.45	9.73	1137.98	1495.40	365.34	0.51
12682.000	13.00	577.10	2620.00	571.60	580.03	0.0	7.51	1114.58	1497.74	519.29	0.58
12682.000	13.00	577.10	4095.00	571.60	581.28	0.0	4.08	1086.06	1503.13	982.66	1.25
12703.000	21.80	0.0	1260.00	571.54	579.48	0.0	4.25	1245.17	1611.95	768.03	0.0
12703.000	21.80	0.0	2130.00	571.54	580.04	0.0	5.71	1218.41	1614.48	982.35	0.56
12703.000	21.80	0.0	2620.00	571.54	580.33	0.0	6.31	1205.00	1615.75	1095.92	0.29
12703.000	21.80	0.0	4095.00	571.54	581.33	0.0	7.04	1172.25	1620.23	1523.09	1.00

12647.000	21.80	0.0	0.0	4095.00	571.50	581.13	0.0	7.38	1176.96	1619.55	1455.96	1.19
12669.000	21.80	0.0	0.0	1260.00	571.60	578.91	0.0	4.07	1159.72	1493.23	691.51	0.0
12669.000	21.80	0.0	0.0	2130.00	571.60	579.84	0.0	4.40	1122.32	1496.97	1022.57	0.93
12669.000	21.80	0.0	0.0	2620.00	571.60	580.26	0.0	4.57	1105.32	1498.67	1185.72	0.43
12669.000	21.80	0.0	0.0	4095.00	571.60	581.38	0.0	4.88	1084.47	1503.59	1638.59	1.11
12675.5		580.8										
* 12682.000	13.00	577.10	578.20	1260.00	571.60	578.94	578.94	8.94	1158.31	1493.37	258.89	0.0
* 12682.000	13.00	577.10	578.20	2130.00	571.60	579.45	579.45	9.73	1137.98	1495.40	365.34	0.51
12682.000	13.00	577.10	578.20	2620.00	571.60	580.33	0.0	7.51	1114.58	1497.74	519.29	0.58
12682.000	13.00	577.10	578.20	4095.00	571.60	581.28	0.0	4.08	1086.06	1503.13	982.66	1.25
12703.000	21.80	0.0	0.0	1260.00	571.54	579.48	0.0	4.25	1245.17	1611.95	768.03	0.0
12703.000	21.80	0.0	0.0	2130.00	571.54	580.04	0.0	5.71	1218.41	1614.48	982.35	0.56
12703.000	21.80	0.0	0.0	2620.00	571.54	580.33	0.0	6.31	1205.00	1615.75	1095.92	0.29
12703.000	21.80	0.0	0.0	4095.00	571.54	581.33	0.0	7.04	1172.25	1620.23	1523.09	1.00

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRIMS	VCH	SSTA	ENDST	AREA	DIFWSP
12725.000	21.80	0.0	0.0	1260.00	571.40	579.54	0.0	3.93	1236.28	1612.79	837.42	0.0
12725.000	21.80	0.0	0.0	2130.00	571.40	580.13	0.0	5.26	1208.15	1615.45	1068.92	0.59
12725.000	21.80	0.0	0.0	2620.00	571.40	580.43	0.0	5.78	1195.69	1616.85	1197.11	0.30
12725.000	21.80	0.0	0.0	4095.00	571.40	581.43	0.0	6.54	1164.59	1621.33	1634.04	1.00
16150.000	3425.00	0.0	0.0	1175.00	580.10	586.15	586.11	7.64	1122.46	1376.91	347.08	0.0
16150.000	3425.00	0.0	0.0	1990.00	580.10	587.49	0.0	6.14	1114.19	1441.59	737.71	1.34
16150.000	3425.00	0.0	0.0	2450.00	580.10	588.01	0.0	6.07	1111.00	1444.85	908.90	0.52
16150.000	3425.00	0.0	0.0	3845.00	580.10	589.13	0.0	6.50	1104.10	1451.88	1290.82	1.12

SUMMARY OF ERRORS

- CAUTION SECNO= 2731.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 2731.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 2731.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 2731.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECNO= 2731.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO= 2731.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO= 2731.000 PROFILE= 4 CRITICAL DEPTH ASSUMED