

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

C  
 T1 HAMBY BRANCH CABARRUS CO  
 T2 FIS CABARRUS CO. JOB NO. 207022  
 T3 100 YEAR FLOOD WATER SURFACE PROFILE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	-1.	4.	0.	0.	0.0	0.0	0.0	0.	491,650	0.0
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	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	0.100	0.100	0.040	0.100	0.300	0.0	0.0	0.0	0.0	0.0
QT	5.000	1270.000	2190.000	2590.000	3520.000	2590.000	0.0	0.0	0.0	0.0
X1	284.000	13.000	1165.000	1220.000	284.000	284.000	284.000	0.0	0.0	0.0
GR	502.600	1000.000	501.300	1050.000	500.600	1100.000	501.000	1150.000	499.300	1165.000
GR	486.700	1168.000	485.300	1201.000	486.100	1209.000	500.000	1220.000	498.800	1250.000
GR	498.500	1300.000	499.900	1340.000	500.800	1350.000	0.0	0.0	0.0	0.0
X1	334.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	1,490	0.0
NC	0.060	0.060	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0
X1	384.000	24.000	1200.000	1320.000	50.000	50.000	50.000	0.0	0.0	0.0
GR	510.100	1000.000	509.600	1050.000	509.000	1100.000	508.900	1150.000	504.000	1199.900
GR	504.000	1200.000	490.500	1239.500	507.100	1239.500	507.100	1240.500	490.500	1240.500
GR	488.600	1255.000	488.500	1260.000	488.300	1268.000	488.500	1279.500	507.100	1279.500
GR	507.100	1280.500	488.500	1280.500	502.600	1301.000	504.700	1320.000	504.700	1320.100
GR	509.100	1350.000	509.600	1400.000	510.200	1450.000	510.900	1500.000	0.0	0.0
X1	385.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0

GR	504.000	1200.000	490.500	1239.500	507.100	1239.500	507.100	1240.500	490.500	1240.500
GR	488.600	1255.000	488.500	1260.000	488.300	1268.000	488.500	1279.500	507.100	1279.500
GR	507.100	1280.500	488.500	1280.500	502.600	1301.000	504.700	1320.000	504.700	1320.100
GR	509.100	1350.000	509.600	1400.000	510.200	1450.000	510.900	1500.000	0.0	0.0

X1	385.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
BT	13.000	1000.000	510.100	0.0	1050.000	509.600	0.0	1100.000	509.000	0.0
BT	1150.000	508.900	0.0	1199.900	509.200	0.0	1200.000	509.200	507.200	1260.000
BT	509.100	507.100	1320.000	509.200	507.200	1320.100	509.200	0.0	1350.000	509.100
BT	0.0	1400.000	509.600	0.0	1450.000	510.200	0.0	1500.000	510.900	0.0

NC 200 ELRD 509.2 ELLC 507.2

X1	395.000	0.0	0.0	0.0	10.000	10.000	10.000	0.0	0.0	0.0
X2	0.0	0.0	0.0	0.0	0.0	0.0	1.000	0.0	0.0	0.0

X1	396.000	0.0	0.0	0.0	1.000	1.000	1.000	0.0	0.0	0.0
NC	0.100	0.100	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0

X1	446.000	13.000	1165.000	1220.000	50.000	50.000	50.000	0.0	3.550	0.0
GR	502.600	1000.000	501.300	1050.000	500.600	1100.000	501.000	1150.000	499.300	1165.000
GR	486.700	1168.000	485.300	1201.000	486.100	1209.000	500.000	1220.000	498.800	1250.000
GR	498.300	1300.000	499.900	1340.000	500.000	1350.000	0.0	0.0	0.0	0.0

X1	496.000	0.0	0.0	0.0	50.000	50.000	50.000	0.0	0.550	0.0
NH	4.000	0.100	1026.000	0.040	1090.000	0.100	1100.000	0.070	1287.000	0.0

X1	1500.000	11.000	1026.000	1090.000	1004.000	1004.000	1004.000	0.0	0.0	0.0
GR	516.100	1000.000	509.600	1026.000	499.300	1040.000	499.600	1050.000	499.700	1066.000
GR	505.300	1090.000	505.200	1100.000	505.700	1150.000	509.000	1200.000	512.200	1250.000
GR	516.300	1287.000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NH	5.000	0.070	1200.000	0.090	1252.000	0.040	1277.000	0.090	1300.000	0.070
NH	1417.000	0.0	0.0	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	7.100	1216.000	1336.000	0.0	0.0

X1	4350.000	12.000	1252.000	1300.000	2850.000	2850.000	2850.000	0.0	0.0	0.0
GR	535.800	1000.000	530.900	1100.000	526.600	1200.000	526.700	1252.000	523.500	1254.000
GR	522.000	1261.000	519.600	1268.000	520.200	1277.000	527.100	1300.000	526.900	1350.000
GR	531.400	1400.000	535.600	1417.000	0.0	0.0	0.0	0.0	0.0	0.0
NC	0.070	0.100	0.040	0.0	0.0	0.0	0.0	0.0	0.0	0.0
QT	5.000	760.000	1380.000	1680.000	2390.000	1680.000	0.0	0.0	0.0	0.0
ET	0.0	0.0	0.0	0.0	0.0	7.100	1189.790	1262.930	0.0	0.0



\*\*\*\*\*  
 HEC2 RELEASE DATED NOV 76 UPDATED FEB 1977  
 ERROR CORP - 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	WFWSP
284.000	284.00	0.0	0.0	2590.00	485.30	491.65	0.0	10.39	1166.82	1213.39	249.17	0.0
284.000	284.00	0.0	0.0	2590.00	485.30	491.65	0.0	10.39	1166.82	1213.39	249.17	0.0
* 334.000	50.00	0.0	0.0	2590.00	486.79	492.32	492.32	12.25	1167.02	1212.75	211.48	0.0
* 334.000	50.00	0.0	0.0	2590.00	486.79	492.32	492.32	12.25	1167.02	1212.75	211.48	0.0
* 384.000	50.00	0.0	0.0	2590.00	488.30	493.71	493.71	11.53	1230.10	1288.08	224.60	0.0
* 384.000	50.00	0.0	0.0	2590.00	488.30	493.71	493.71	11.53	1230.10	1288.08	224.60	0.0
385.000	1.00	508.90	507.20	2590.00	488.30	494.20	0.0	10.27	1228.69	1288.78	252.19	0.0
385.000	1.00	508.90	507.20	2590.00	488.30	494.20	0.0	10.27	1228.69	1288.78	252.19	0.0
395.000	10.00	508.90	507.20	2590.00	488.30	494.70	0.0	9.19	1227.21	1289.51	281.96	0.0
395.000	10.00	508.90	507.20	2590.00	488.30	494.70	0.0	9.19	1227.21	1289.51	281.96	0.0
396.000	1.00	0.0	0.0	2590.00	488.30	494.72	0.0	9.15	1227.17	1289.54	282.94	0.0
396.000	1.00	0.0	0.0	2590.00	488.30	494.72	0.0	9.15	1227.17	1289.54	282.94	0.0
446.000	50.00	0.0	0.0	2590.00	488.85	494.93	0.0	10.94	1166.88	1213.18	236.85	0.0
446.000	50.00	0.0	0.0	2590.00	488.85	494.93	0.0	10.94	1166.88	1213.18	236.85	0.0
496.000	50.00	0.0	0.0	2590.00	489.40	495.53	0.0	10.85	1166.88	1213.21	238.66	0.0
496.000	50.00	0.0	0.0	2590.00	489.40	495.53	0.0	10.85	1166.88	1213.21	238.66	0.0
1500.000	1004.00	0.0	0.0	2590.00	499.30	505.90	505.00	9.27	1031.03	1153.07	305.33	0.0
1500.000	1004.00	0.0	0.0	2590.00	499.30	505.90	505.00	9.27	1031.03	1153.07	305.33	0.0

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	EMOAT		
284.000	284.00	0.0	0.0	2590.00	485.30	491.65	0.0	10.39	1166.02	1213.30	249.11	1.4
284.000	284.00	0.0	0.0	2590.00	485.30	491.65	0.0	10.39	1166.82	1213.39	249.11	1.4
* 334.000	50.00	0.0	0.0	2590.00	486.79	492.32	492.32	12.25	1167.02	1212.75	211.48	0.0
* 334.000	50.00	0.0	0.0	2590.00	486.79	492.32	492.32	12.25	1167.02	1212.75	211.48	0.0
* 384.000	50.00	0.0	0.0	2590.00	488.30	493.71	493.71	11.53	1230.10	1288.08	224.60	0.0
* 384.000	50.00	0.0	0.0	2590.00	488.30	493.71	493.71	11.53	1230.10	1288.08	224.60	0.0
385.000	1.00	508.90	507.20	2590.00	488.30	494.20	0.0	10.27	1228.69	1288.78	252.19	0.0
385.000	1.00	508.90	507.20	2590.00	488.30	494.20	0.0	10.27	1228.69	1288.78	252.19	0.0
395.000	10.00	508.90	507.20	2590.00	488.30	494.70	0.0	9.19	1227.21	1289.51	281.96	0.0
395.000	10.00	508.90	507.20	2590.00	488.30	494.70	0.0	9.19	1227.21	1289.51	281.96	0.0
396.000	1.00	0.0	0.0	2590.00	488.30	494.72	0.0	9.15	1227.17	1289.54	282.94	0.0
396.000	1.00	0.0	0.0	2590.00	488.30	494.72	0.0	9.15	1227.17	1289.54	282.94	0.0
446.000	50.00	0.0	0.0	2590.00	488.85	494.93	0.0	10.94	1166.88	1213.18	236.85	0.0
446.000	50.00	0.0	0.0	2590.00	488.85	494.93	0.0	10.94	1166.88	1213.18	236.85	0.0
496.000	50.00	0.0	0.0	2590.00	489.40	495.53	0.0	10.85	1166.88	1213.21	238.66	0.0
496.000	50.00	0.0	0.0	2590.00	489.40	495.53	0.0	10.85	1166.88	1213.21	238.66	0.0
C 1500.000	1004.00	0.0	0.0	2590.00	499.30	505.90	505.00	9.27	1031.03	1153.07	305.33	0.0
1500.000	1004.00	0.0	0.0	2590.00	499.30	505.90 ✓	505.00	9.27	1031.03	1153.07	305.33	0.0
P 4350.000	2850.00	0.0	0.0	2590.00	519.60	528.68	0.0	6.78	1151.62	1369.78	556.12	0.0
4350.000	2850.00	0.0	0.0	2590.00	519.60	528.98 ✓	0.0	7.03	1216.00	1336.00	466.55	0.30
* E 6800.000	2450.00	0.0	0.0	1680.00	544.60	550.83	550.83	10.55	1189.79	1262.93	171.71	0.0
* 6800.000	2450.00	0.0	0.0	1680.00	544.60	550.86 ✓	550.86	10.46	1189.79	1262.93	173.93	0.03
F 8950.000	2150.00	0.0	0.0	1680.00	552.00	561.48	0.0	5.65	1060.40	1298.79	589.93	0.0
8950.000	2150.00	0.0	0.0	1680.00	552.00	562.16	0.0	6.46	1170.08	1228.65	315.54	0.69
* G 11500.000	2550.00	0.0	0.0	1660.00	566.20	572.28	572.28	12.08	1101.20	1133.19	157.46	0.0
11500.000	2550.00	0.0	0.0	1660.00	566.20	572.89	0.0	10.56	1101.20	1133.19	157.15	0.61

SUMMARY OF ERRORS

\*\*\*\*\*  
 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

10 YEAR FLOOD WATER SURF

SUMMARY PRINTOUT

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
284.000	284.00	0.0	0.0	1270.00	485.30	489.63	0.0	8.09	1167.30	1211.79	157.06	0.0
284.000	284.00	0.0	0.0	2190.00	485.30	491.09	0.0	9.81	1166.95	1212.95	223.28	1.46
284.000	284.00	0.0	0.0	2590.00	485.30	491.65	0.0	10.39	1166.82	1213.39	249.23	0.56
284.000	284.00	0.0	0.0	3520.00	485.30	492.80	0.0	11.59	1166.55	1214.31	303.62	1.15
* 334.000	50.00	0.0	0.0	1270.00	486.79	490.49	490.49	9.82	1167.45	1211.29	129.29	0.0
* 334.000	50.00	0.0	0.0	2190.00	486.79	491.82	491.82	11.62	1167.14	1212.34	188.43	1.33
* 334.000	50.00	0.0	0.0	2590.00	486.79	492.32	492.32	12.25	1167.02	1212.75	211.48	0.51
* 334.000	50.00	0.0	0.0	3520.00	486.79	493.40	493.40	13.48	1166.76	1213.59	261.13	1.07
* 384.000	50.00	0.0	0.0	1270.00	488.30	491.96	491.96	9.52	1235.22	1285.53	133.34	0.0
* 384.000	50.00	0.0	0.0	2190.00	488.30	493.24	493.24	11.03	1231.49	1287.39	198.59	1.28
* 384.000	50.00	0.0	0.0	2590.00	488.30	493.71	493.71	11.53	1230.10	1288.08	224.60	0.47
384.000	50.00	0.0	0.0	3520.00	488.30	495.09	0.0	11.48	1226.04	1290.10	306.61	1.38
385.000	1.00	508.90	507.20	1270.00	488.30	492.30	0.0	8.48	1234.24	1286.02	149.81	0.0
385.000	1.00	508.90	507.20	2190.00	488.30	493.71	0.0	9.77	1230.12	1288.07	224.24	1.40
385.000	1.00	508.90	507.20	2590.00	488.30	494.20	0.0	10.27	1228.69	1288.78	252.19	0.50
385.000	1.00	508.90	507.20	3520.00	488.30	495.13	0.0	11.45	1225.99	1290.12	307.55	0.93
395.000	10.00	508.90	507.20	1270.00	488.30	492.73	0.0	7.40	1232.98	1286.65	171.57	0.0
395.000	10.00	508.90	507.20	2190.00	488.30	494.16	0.0	8.75	1228.78	1288.73	250.24	1.44
395.000	10.00	508.90	507.20	2590.00	488.30	494.70	0.0	9.19	1227.21	1289.51	281.96	0.54
395.000	10.00	508.90	507.20	3520.00	488.30	495.77	0.0	10.10	1224.11	1291.06	348.43	1.07
396.000	1.00	0.0	0.0	1270.00	488.30	492.75	0.0	7.37	1232.94	1286.67	172.33	0.0
396.000	1.00	0.0	0.0	2190.00	488.30	494.18	0.0	8.72	1228.74	1288.75	251.12	1.44
396.000	1.00	0.0	0.0	2590.00	488.30	494.72	0.0	9.15	1227.17	1289.54	262.94	0.54

385,000	1.00	508.90	507.20	2590.00	488.30	494.20	0.0	10.27	1228.69	1288.78	252.19	0.50
385,000	1.00	508.90	507.20	3520.00	488.30	495.13	0.0	11.45	1225.99	1290.12	307.55	0.93
395,000	10.00	508.90	507.20	1270.00	488.30	492.73	0.0	7.40	1232.98	1286.65	171.57	0.0
395,000	10.00	508.90	507.20	2190.00	488.30	494.16	0.0	8.75	1228.78	1288.73	250.24	1.44
395,000	10.00	508.90	507.20	2590.00	488.30	494.70	0.0	9.19	1227.21	1289.51	281.96	0.54
395,000	10.00	508.90	507.20	3520.00	488.30	495.77	0.0	10.10	1224.11	1291.06	348.43	1.07
396,000	1.00	0.0	0.0	1270.00	488.30	492.75	0.0	7.37	1232.94	1286.67	172.33	0.0
396,000	1.00	0.0	0.0	2190.00	488.30	494.18	0.0	8.72	1228.74	1288.75	251.12	1.44
396,000	1.00	0.0	0.0	2590.00	488.30	494.72	0.0	9.15	1227.17	1289.54	282.94	0.54
396,000	1.00	0.0	0.0	3520.00	488.30	495.82	0.0	9.98	1223.92	1291.15	352.58	1.10
446,000	50.00	0.0	0.0	1270.00	488.85	493.14	0.0	8.16	1167.31	1211.77	155.70	0.0
446,000	50.00	0.0	0.0	2190.00	488.85	494.46	0.0	10.17	1167.00	1212.81	215.31	1.32
446,000	50.00	0.0	0.0	2590.00	488.85	494.93	0.0	10.94	1166.88	1213.18	236.85	0.47
446,000	50.00	0.0	0.0	3520.00	488.85	495.90	0.0	12.69	1166.68	1213.87	277.29	0.87
496,000	50.00	0.0	0.0	1270.00	489.40	493.64	0.0	8.28	1167.32	1211.73	153.34	0.0
496,000	50.00	0.0	0.0	2190.00	489.40	493.03	0.0	10.13	1166.99	1212.83	216.15	1.39
496,000	50.00	0.0	0.0	2590.00	489.40	495.53	0.0	10.85	1166.88	1213.21	238.66	0.50
496,000	50.00	0.0	0.0	3520.00	489.40	496.73	0.0	11.92	1166.59	1214.17	295.22	1.20

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
1500,000	1004.00	0.0	0.0	1270.00	499.30	503.88	0.0	7.76	1033.77	1083.92	163.74	0.0
1500,000	1004.00	0.0	0.0	2190.00	499.30	505.38	0.0	8.92	1031.73	1118.40	248.49	1.51
1500,000	1004.00	0.0	0.0	2590.00	499.30	505.90	505.00	9.27	1031.03	1153.07	305.33	0.52
1500,000	1004.00	0.0	0.0	3520.00	499.30	506.86	0.0	9.94	1029.72	1167.58	429.76	0.96
4350,000	2850.00	0.0	0.0	1270.00	519.60	526.95	0.0	5.86	1192.02	1350.48	232.07	0.0
4350,000	2850.00	0.0	0.0	2190.00	519.60	528.30	0.0	6.49	1160.32	1365.62	476.65	1.35
4350,000	2850.00	0.0	0.0	2590.00	519.60	528.68	0.0	6.78	1151.62	1369.78	556.12	0.38
4350,000	2850.00	0.0	0.0	3520.00	519.60	529.42	0.0	7.27	1134.26	1378.08	728.56	0.74
6800,000	2450.00	0.0	0.0	760.00	544.60	548.73	0.0	9.05	1221.03	1251.58	83.95	0.0
6800,000	2450.00	0.0	0.0	1380.00	544.60	550.09	550.01	10.65	1220.00	1256.52	129.53	1.37
* 6800,000	2450.00	0.0	0.0	1680.00	544.60	550.83	550.83	10.55	1189.79	1262.93	171.71	0.73
* 6800,000	2450.00	0.0	0.0	2390.00	544.60	552.00	552.00	10.92	1161.89	1280.51	284.07	1.17
8950,000	2150.00	0.0	0.0	760.00	552.00	559.53	0.0	4.61	1099.30	1279.28	181.55	0.0
8950,000	2150.00	0.0	0.0	1380.00	552.00	561.06	0.0	5.29	1064.56	1294.51	489.72	1.53
8950,000	2150.00	0.0	0.0	1680.00	552.00	561.48	0.0	5.65	1060.40	1298.79	589.93	0.42

SECNO	XLCH	ELTRD	ELLC	Q	ELMIN	CWSEL	CRWS	VCH	SSTA	ENDST	AREA	DIFWSP
1500.000	1004.00	0.0	0.0	1270.00	499.30	503.88	0.0	7.76	1033.77	1083.92	163.74	0.0
1500.000	1004.00	0.0	0.0	2190.00	499.30	505.38	0.0	8.92	1031.73	1118.40	248.49	1.51
1500.000	1004.00	0.0	0.0	2590.00	499.30	505.90	505.00	9.27	1031.03	1153.07	305.33	0.52
1500.000	1004.00	0.0	0.0	3520.00	499.30	506.86	0.0	9.94	1029.72	1167.58	429.76	0.96
4350.000	2850.00	0.0	0.0	1270.00	519.60	526.95	0.0	5.86	1192.02	1350.48	232.07	0.0
4350.000	2850.00	0.0	0.0	2190.00	519.60	528.30	0.0	6.49	1160.32	1365.62	476.85	1.35
4350.000	2850.00	0.0	0.0	2590.00	519.60	528.68	0.0	6.78	1151.62	1369.78	556.12	0.38
4350.000	2850.00	0.0	0.0	3520.00	519.60	529.42	0.0	7.27	1134.26	1378.08	728.56	0.74
6800.000	2450.00	0.0	0.0	760.00	544.60	548.73	0.0	9.05	1221.03	1251.58	83.95	0.0
6800.000	2450.00	0.0	0.0	1380.00	544.60	550.09	550.01	10.65	1220.00	1256.52	129.53	1.37
* 6800.000	2450.00	0.0	0.0	1680.00	544.60	550.83	550.83	10.55	1189.79	1262.93	171.71	0.73
* 6800.000	2450.00	0.0	0.0	2390.00	544.60	552.00	552.00	10.92	1161.89	1280.51	284.07	1.17
8950.000	2150.00	0.0	0.0	760.00	552.00	559.53	0.0	4.61	1099.30	1279.28	181.55	0.0
8950.000	2150.00	0.0	0.0	1380.00	552.00	561.06	0.0	5.29	1064.56	1294.51	489.72	1.53
8950.000	2150.00	0.0	0.0	1680.00	552.00	561.48	0.0	5.65	1060.40	1298.79	589.93	0.42
8950.000	2150.00	0.0	0.0	2390.00	552.00	562.33	0.0	6.29	1052.11	1303.49	799.22	0.86
11500.000	2550.00	0.0	0.0	760.00	566.20	570.28	0.0	9.57	1104.15	1130.05	79.41	0.0
* 11500.000	2550.00	0.0	0.0	1370.00	566.20	571.73	571.73	11.39	1102.01	1132.33	120.30	1.45
* 11500.000	2550.00	0.0	0.0	1660.00	566.20	572.28	572.28	12.08	1101.20	1133.19	137.46	0.55
* 11500.000	2550.00	0.0	0.0	2340.00	566.20	574.13	574.13	10.73	1063.19	1204.01	311.96	1.85

SUMMARY OF ERRORS

CAUTION SECNO= 334.000 PROFILE= 1 CRITICAL DEPTH ASSUMED  
CAUTION SECNO= 334.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY  
CAUTION SECNO= 334.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL  
CAUTION SECNO= 334.000 PROFILE= 2 CRITICAL DEPTH ASSUMED  
CAUTION SECNO= 334.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY  
CAUTION SECNO= 334.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL  
CAUTION SECNO= 334.000 PROFILE= 3 CRITICAL DEPTH ASSUMED  
CAUTION SECNO= 334.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY  
CAUTION SECNO= 334.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL  
CAUTION SECNO= 334.000 PROFILE= 4 CRITICAL DEPTH ASSUMED  
CAUTION SECNO= 334.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY  
CAUTION SECNO= 334.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL  
  
CAUTION SECNO= 384.000 PROFILE= 1 CRITICAL DEPTH ASSUMED  
CAUTION SECNO= 384.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY  
CAUTION SECNO= 384.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL  
CAUTION SECNO= 384.000 PROFILE= 1 CRITICAL DEPTH ASSUMED