
 HEC2 RELET
 ERROR CORR
 MODIFICATI

C FPA
 T1 FPA
 T2 10
 T3 SAN

J1 ICHECK
 0.

J2 NPROF
 1.000

J3 VARIABLE
 38.000

15.000

54.000

NC 0.11
 QT 6.00

X1 11000.00
 GR 236.00
 GR 206.00
 GR 205.90
 GR 224.00

X1 11010.00

X1 11020.00

X1 11050.00

X1 11100.000 0.000 0.000 0.000 50.000 50.000 50.000 0.000 0.500 0.000

*** SURVEYED SECTION

X1 11260.000 13.000 1590.000 1600.000 160.000 160.000 160.000 0.000 0.000 0.000
 GR 240.000 1340.000 230.000 1400.000 216.000 1490.000 209.000 1590.000 208.000 1591.000

SAMS

CREEK

 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

C FPMB CLAYTON, NC FIS ERP
 T1 FPMB CLAYTON, NC FIS ERP
 T2 10 YR NATURAL
 T3 SAMS CR

J1	ICHECK	IPG	INVT	ITB	STRT	MTRIC	HVRS	R	WSEL	FD
	0.	2.	0.	0.	0.016500	0.00	0.0	0.	206.000	0.000
J2	NPROF	IPLOT	PREVS	XSECV	XSECR	FT	ALLDC	TBR	CHSTM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
J3	VARIABLE CODES FOR SCHEDULEY PRITCHET									
	38.000	1.000	5.000	42.000	41.000	0.000	46.000	1.000	15.000	14.000
	15.000	55.000	26.000	56.000	0.000	28.000	1.000	53.000	21.000	22.000
	54.000	14.000	0.000	159.000	201.000	0.000	0.000	0.000	0.000	0.000
NC	0.110	0.110	0.055	0.200	0.000	0.000	0.000	0.000	0.000	0.000
GT	6.000	850.000	270.000	900.000	1000.000	500.000	500.000	0.000	0.000	0.000

*** TOWN SECTION

X1	11000.000	19.000	1474.000	1495.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	256.000	1000.000	232.000	1100.000	228.000	1240.000	224.000	1300.000	212.000	1420.000
GR	206.000	1467.000	205.900	1474.000	204.500	1476.000	205.500	1480.000	204.400	1484.000
GR	205.900	1465.000	206.000	1510.000	212.000	1600.000	216.000	1710.000	220.000	1790.000
GR	224.000	1620.000	220.000	1880.000	232.000	1950.000	236.000	1960.000	0.000	0.000

X1	11010.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.100	0.000
X1	11020.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.100	0.000
X1	11050.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.500	0.000
X1	11100.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.500	0.000

*** SURVEYED SECTION

X1	11260.000	15.000	1590.000	1600.000	160.000	160.000	160.000	0.000	0.000	0.000
GR	240.000	1340.000	230.000	1400.000	216.000	1490.000	209.000	1590.000	208.000	1591.000

 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1979
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

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

SAMS CR

SUMMARY PRINTOUT

SECNO	CASEL	CG	FLPIN	ETLC
11000.000	207.29	207.75	203.50	0.00
11000.000	208.23	208.70	203.50	0.00
11000.000	208.71	209.31	203.50	0.00
11000.000	209.86	210.50	203.50	0.00
11010.000	207.55	207.91	203.60	0.00
11010.000	208.49	208.95	203.60	0.00
11010.000	208.97	209.43	203.60	0.00
11010.000	210.10	210.72	203.60	0.00
11020.000	207.69	208.05	203.70	0.00
11020.000	208.63	209.09	203.70	0.00
11020.000	209.13	209.62	203.70	0.00
11020.000	210.28	210.87	203.70	0.00
11050.000	208.00	208.37	204.00	0.00
11050.000	209.07	209.45	204.00	0.00
11050.000	209.57	210.00	204.00	0.00
11050.000	210.73	211.26	204.00	0.00
11100.000	208.50	208.87	204.50	0.00
11100.000	209.62	209.99	204.50	0.00
11100.000	210.14	210.50	204.50	0.00
11100.000	211.35	211.83	204.50	0.00
* 11260.000	210.05	211.50	206.40	0.00
* 11260.000	211.81	212.88	206.40	0.00
* 11260.000	212.34	213.00	206.40	0.00
* 11260.000	213.48	216.21	206.40	0.00
12060.000	220.40	220.67	215.10	0.00
12060.000	221.51	221.80	215.10	0.00
12060.000	222.10	222.39	215.10	0.00
12060.000	223.67	223.79	215.10	0.00
12430.000	223.09	224.59	219.30	0.00
12430.000	225.01	226.23	219.30	0.00
* 12430.000	225.01	227.02	219.30	0.00
* 12430.000	227.08	228.71	219.30	0.00

SECHU	CWSEL	EG	ELPIN	ELLC
12870.000	228.89	228.90	226.30	0.00
12870.000	230.02	230.10	226.30	0.00
12870.000	230.63	230.71	226.30	0.00
12870.000	231.99	232.09	226.30	0.00
* 12920.000	233.42	235.85	227.20	0.00
* 12920.000	236.26	239.90	227.20	0.00
* 12920.000	238.23	238.20	227.20	0.00
* 12920.000	238.20	238.20	227.20	0.00
12961.000	235.84	236.96	227.50	237.90
12961.000	240.03	240.03	227.50	237.90
12961.000	240.77	240.77	227.50	237.90
12961.000	241.02	241.03	227.50	237.90
13010.000	237.19	237.19	227.60	0.00
13010.000	240.03	240.03	227.60	0.00
13010.000	240.77	240.77	227.60	0.00
13010.000	241.03	241.03	227.60	0.00
13070.000	237.10	237.20	227.70	0.00
13070.000	240.03	240.03	227.70	0.00
13070.000	240.77	240.76	227.70	0.00
13070.000	241.03	241.03	227.70	0.00

SAMS CR

SUMMARY PRINTOUT

SECHG	CRSEL	BLDB	WCH	DRDR	VLDR	VCH	VRDR
11000.000	207.29	27.90	216.14	55.97	1.76	6.59	1.88
11000.000	208.23	64.30	304.30	241.40	2.58	7.98	2.56
11000.000	208.71	127.52	417.94	354.54	2.85	8.62	2.85
11000.000	209.86	272.89	608.99	716.12	3.18	9.96	3.42
11010.000	207.55	30.75	205.88	93.36	1.64	3.45	1.75
11010.000	208.49	88.06	332.36	249.56	2.23	7.40	2.40
11010.000	208.97	151.61	405.58	322.81	2.50	8.08	2.69
11010.000	210.10	277.44	596.45	726.10	3.05	9.52	3.28
11020.000	207.69	51.35	203.64	94.97	1.61	5.81	1.72
11020.000	208.65	39.17	329.00	251.86	2.17	7.24	2.36
11020.000	209.13	153.65	401.29	365.66	2.45	7.90	2.64
11020.000	210.26	271.12	589.12	750.75	2.97	9.27	3.20
11050.000	208.08	32.24	200.27	97.36	1.57	5.61	1.68
11050.000	209.07	51.95	320.26	257.79	2.08	6.63	2.24
11050.000	209.57	156.84	396.55	372.76	2.32	7.45	2.51
11050.000	210.73	284.60	576.43	750.77	2.84	8.64	3.06
11100.000	208.59	52.93	198.25	96.22	1.54	5.49	1.65
11100.000	209.62	43.07	316.38	260.13	2.04	6.67	2.20
11100.000	210.14	158.55	368.72	375.94	2.27	7.25	2.44
11100.000	211.35	278.45	566.61	744.90	2.74	8.51	2.95
* 11260.000	210.65	27.25	273.79	76.89	1.36	5.27	1.80
* 11260.000	211.61	111.57	402.19	117.03	2.51	9.06	2.51
* 11260.000	212.34	175.80	557.16	187.00	2.84	10.74	2.64
* 11260.000	213.40	291.75	741.03	422.17	3.57	12.13	3.57
12060.000	220.40	19.22	235.15	25.63	1.15	4.95	1.15
12060.000	221.51	237.26	363.81	88.92	1.73	5.74	1.73
12060.000	222.11	500.12	403.92	159.96	1.99	6.09	1.95
12060.000	223.27	751.92	556.56	268.52	2.46	6.88	2.38
12430.000	223.87	52.74	322.94	17.31	1.05	6.79	1.00
12430.000	225.01	51.77	600.22	13.00	1.99	9.33	1.94
* 12430.000	225.26	115.76	757.72	26.51	2.01	10.33	2.34
* 12430.000	227.08	372.54	1142.54	65.28	3.15	11.96	3.07
12870.000	228.80	191.51	78.75	54.74	1.45	3.67	1.27
12870.000	230.07	412.24	126.67	131.05	1.65	3.99	1.42
12870.000	230.83	556.09	156.54	167.37	1.76	4.22	1.50
12870.000	231.97	924.13	235.67	309.13	2.03	4.77	1.79
* 12920.000	233.42	0.00	330.00	0.00	0.00	12.51	0.00
* 12920.000	236.25	0.00	660.00	0.00	0.00	15.51	0.00
* 12920.000	238.23	571.57	21.12	272.52	0.39	6.36	0.37
* 12920.000	238.20	609.32	25.26	329.01	0.40	6.46	0.40
12961.000	235.63	0.00	350.00	0.00	0.00	8.26	0.00
12961.000	240.03	611.91	48.09	0.00	0.34	6.75	0.00
12961.000	240.77	867.48	62.52	0.00	0.41	6.91	0.00
12961.000	241.02	965.62	74.38	0.00	0.47	7.06	0.00

SECNO	CWSEL	GLDB	DCH	WKUP	VLGH	VCH	VRCP
13010.000	237.19	194.26	38.25	92.40	0.19	0.46	0.18
13010.000	240.03	404.18	62.76	195.05	0.24	0.57	0.24
13010.000	240.77	553.69	79.30	257.07	0.29	0.68	0.28
13010.000	241.03	638.31	93.49	308.20	0.33	0.79	0.33
13070.000	237.19	200.87	67.64	61.49	0.29	0.77	0.24
13070.000	240.03	421.15	100.09	138.76	0.34	0.86	0.28
13070.000	240.77	556.37	123.48	187.65	0.40	1.00	0.32
13070.000	241.03	668.68	145.18	226.13	0.45	1.15	0.37

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPAID
11000.000	207.29	1456.93	1474.00	1485.00	1529.28	72.35
11000.000	208.23	1449.55	1474.00	1485.00	1543.41	93.85
11000.000	208.71	1445.76	1474.00	1485.00	1550.68	104.93
11000.000	209.86	1436.74	1474.00	1485.00	1567.95	131.21
11010.000	207.55	1455.62	1474.00	1485.00	1531.79	76.17
11010.000	208.49	1448.24	1474.00	1485.00	1545.83	97.55
11010.000	208.97	1444.55	1474.00	1485.00	1553.62	108.49
11010.000	210.10	1435.66	1474.00	1485.00	1570.61	134.35
11020.000	207.09	1454.31	1474.00	1485.00	1532.34	77.60
11020.000	208.65	1447.91	1474.00	1485.00	1546.56	98.65
11020.000	209.13	1444.09	1474.00	1485.00	1553.27	109.78
11020.000	210.28	1435.01	1474.00	1485.00	1571.26	136.25
11050.000	208.06	1454.80	1474.00	1485.00	1533.28	78.44
11050.000	209.67	1446.89	1474.00	1485.00	1546.51	101.62
11050.000	209.57	1442.94	1474.00	1485.00	1556.07	113.13
11050.000	210.73	1433.83	1474.00	1485.00	1573.51	139.68
11100.000	208.59	1454.55	1474.00	1485.00	1533.85	79.30
11100.000	209.62	1446.47	1474.00	1485.00	1549.32	102.85
11100.000	210.10	1442.56	1474.00	1485.00	1557.14	114.75
11100.000	211.35	1432.88	1474.00	1485.00	1575.33	142.44
* 11260.000	210.55	1437.65	1490.00	1600.00	1619.52	87.87
* 11260.000	211.81	1428.72	1490.00	1600.00	1633.27	74.24
* 11260.000	212.37	1427.90	1490.00	1600.00	1639.46	86.57
* 11260.000	213.98	1419.27	1490.00	1600.00	1652.90	112.63
12000.000	220.40	1379.13	1359.00	1350.00	1372.44	92.62
12000.000	221.51	1278.16	1359.00	1350.00	1379.47	115.31
12000.000	222.10	1274.15	1359.00	1350.00	1383.12	126.27
12000.000	223.47	1267.22	1359.00	1350.00	1391.69	154.91
12030.000	223.69	1272.63	1325.00	1500.00	1542.94	30.53
12030.000	225.01	1266.50	1325.00	1500.00	1546.69	50.10
* 12030.000	225.61	1262.09	1325.00	1500.00	1548.67	60.60
* 12030.000	227.00	1257.15	1325.00	1500.00	1553.81	96.40
12070.000	228.09	1260.55	1321.00	1530.00	1566.07	137.18
12070.000	230.62	1254.78	1321.00	1530.00	1570.30	165.66
12070.000	230.65	1251.10	1321.00	1530.00	1577.82	186.63
12070.000	231.99	1247.22	1321.00	1530.00	1589.91	211.67
* 12020.000	233.82	1222.20	1322.00	1528.00	1527.74	5.49
* 12020.000	236.26	1222.00	1322.00	1528.00	1528.00	6.00
* 12020.000	238.23	1214.66	1322.00	1528.00	1639.00	324.34
* 12020.000	238.20	1215.05	1322.00	1528.00	1638.72	323.07
12961.000	235.83	1222.00	1322.00	1528.00	1528.00	6.00
12961.000	240.03	1249.52	1322.00	1528.00	1528.00	228.48
12961.000	240.77	1246.50	1322.00	1528.00	1528.00	241.50
12961.000	241.02	1242.63	1322.00	1528.00	1528.00	249.97

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SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
13010.000	237.19	1323.58	1521.00	1530.00	1628.95	305.37
13010.000	240.03	1284.62	1521.00	1530.00	1650.24	365.63
13010.000	240.77	1274.41	1521.00	1530.00	1656.74	382.33
13010.000	241.03	1270.90	1521.00	1530.00	1658.97	388.07
13070.000	237.19	1109.86	1280.00	1290.00	1361.95	252.15
13070.000	240.03	1065.26	1280.00	1290.00	1390.29	325.04
13070.000	240.77	1053.56	1280.00	1290.00	1397.73	344.17
13070.000	241.03	1049.51	1280.00	1290.00	1400.29	350.79

SUMMARY PRINTOUT TABLE 150

SECD	ALPH	FLTRD	FILE	FLTR	B	CASEL	CMYS	EG	LOGS	VCH	AREA	.01K
11000.000	0.00	0.00	0.00	205.50	330.00	207.29	0.00	207.75	163.95	0.59	94.38	25.77
11000.000	0.00	0.00	0.00	205.50	670.00	208.23	0.00	208.78	150.59	7.90	172.05	51.91
11000.000	0.00	0.00	0.00	205.50	900.00	208.71	0.00	209.31	166.44	8.62	220.65	69.76
11000.000	0.00	0.00	0.00	205.50	1600.00	209.21	0.00	210.56	163.67	9.90	350.74	125.30
11010.000	10.00	0.00	0.00	205.60	330.00	207.55	0.00	207.91	123.99	5.95	100.82	29.64
11010.000	10.00	0.00	0.00	205.60	670.00	208.44	0.00	208.95	135.69	7.40	140.13	57.52
11010.000	10.00	0.00	0.00	205.60	900.00	208.97	0.00	209.48	139.59	8.08	237.49	70.10
11010.000	10.00	0.00	0.00	205.60	1600.00	210.10	0.00	210.72	144.10	9.52	375.00	133.25
11020.000	10.00	0.00	0.00	205.70	330.00	207.65	0.00	208.03	116.42	5.81	109.81	30.58
11020.000	10.00	0.00	0.00	205.70	670.00	208.15	0.00	208.69	127.85	7.27	192.85	59.25
11020.000	10.00	0.00	0.00	205.70	900.00	208.13	0.00	209.02	131.14	7.90	243.68	70.59
11020.000	10.00	0.00	0.00	205.70	1600.00	210.20	0.00	210.87	134.60	9.27	381.30	130.22
11050.000	30.00	0.00	0.00	209.00	330.00	208.00	0.00	208.37	105.83	5.81	110.40	32.00
11050.000	30.00	0.00	0.00	209.00	670.00	209.07	0.00	209.45	109.24	6.83	205.90	64.10
11050.000	30.00	0.00	0.00	209.00	900.00	209.57	0.00	210.00	112.60	7.45	260.01	85.04
11050.000	30.00	0.00	0.00	209.00	1600.00	210.73	0.00	211.26	117.80	8.84	400.97	147.42
11100.000	50.00	0.00	0.00	209.50	330.00	208.50	0.00	208.89	99.76	5.49	117.46	33.04
11100.000	50.00	0.00	0.00	209.50	670.00	209.62	0.00	209.99	102.52	6.67	211.39	60.17
11100.000	50.00	0.00	0.00	209.50	900.00	210.10	0.00	210.54	103.92	7.25	260.12	80.29
11100.000	50.00	0.00	0.00	209.50	1600.00	211.35	0.00	211.83	108.39	8.51	424.00	155.10
* 11200.000	100.00	0.00	0.00	209.00	330.00	210.60	210.65	211.50	224.06	8.27	64.39	21.70
* 11200.000	100.00	0.00	0.00	209.00	670.00	211.01	211.01	212.05	219.63	9.60	135.58	45.21
* 11200.000	100.00	0.00	0.00	209.00	900.00	212.34	212.39	213.46	224.00	10.74	177.85	60.13
* 11200.000	100.00	0.00	0.00	209.00	1600.00	213.90	213.95	214.81	239.22	12.73	291.03	103.45
12000.000	0.00	0.00	0.00	215.10	330.00	220.60	0.00	220.87	60.66	4.95	129.74	40.42
12000.000	0.00	0.00	0.00	215.10	670.00	221.51	0.00	221.80	65.87	5.74	201.80	62.55
12000.000	0.00	0.00	0.00	215.10	900.00	222.15	0.00	222.59	64.77	6.09	317.40	111.83
12000.000	0.00	0.00	0.00	215.10	1600.00	223.47	0.00	223.74	62.73	6.80	510.43	202.01
12030.000	370.00	0.00	0.00	219.30	330.00	223.80	0.00	224.54	172.26	6.74	54.45	25.14
12030.000	370.00	0.00	0.00	219.30	670.00	225.01	224.87	226.23	217.31	9.33	99.50	45.45
* 12030.000	370.00	0.00	0.00	219.30	900.00	225.81	225.81	227.02	223.87	10.33	152.70	60.15
* 12030.000	370.00	0.00	0.00	219.30	1600.00	227.00	227.00	228.71	210.96	11.90	241.41	110.10
12070.000	600.00	0.00	0.00	221.30	330.00	228.80	0.00	228.96	61.57	5.67	201.49	42.05
12070.000	600.00	0.00	0.00	221.30	670.00	230.02	0.00	230.10	63.41	5.99	374.27	107.09
12070.000	600.00	0.00	0.00	221.30	900.00	230.63	0.00	230.71	59.21	6.22	470.36	143.73
12070.000	600.00	0.00	0.00	221.30	1600.00	231.99	0.00	232.09	54.34	6.77	705.99	272.00
* 12920.000	50.00	0.00	0.00	227.20	330.00	233.02	233.02	235.85	1071.45	12.51	26.30	10.00
* 12920.000	50.00	0.00	0.00	227.20	600.00	230.20	230.20	234.90	1023.46	15.31	43.12	20.03
* 12920.000	50.00	0.00	0.00	227.20	870.00	230.27	230.23	230.24	0.47	0.38	2293.80	1273.40
* 12920.000	50.00	0.00	0.00	227.20	1000.00	230.20	230.20	230.20	0.68	0.40	2281.29	1263.52
12961.000	41.00	239.00	237.90	227.50	330.00	235.03	0.00	236.96	86.39	8.56	30.55	35.51
12961.000	41.00	239.00	237.90	227.50	600.00	240.03	0.00	240.05	0.30	0.75	1881.36	1200.40
12961.000	41.00	239.00	237.90	227.50	870.00	240.77	0.00	240.77	0.41	0.91	2056.12	1361.98
12961.000	41.00	239.00	237.90	227.50	1000.00	241.02	0.00	241.03	0.54	1.00	2118.42	1420.09

SECNO	XLCH	ELTRD	FLLC	ELFTR	Q	CASFL	CRIBS	EG	10K*9	VCH	AREA	.01K
13010.000	49.00	0.00	0.00	227.60	330.00	237.19	0.00	237.19	0.17	0.46	1651.47	804.28
13010.000	49.00	0.00	0.00	227.60	660.00	240.03	0.00	240.03	0.19	0.57	2602.20	1526.61
13010.000	49.00	0.00	0.00	227.60	870.00	240.77	0.00	240.77	0.24	0.60	2879.83	1758.33
13010.000	49.00	0.00	0.00	227.60	1040.00	241.03	0.00	241.03	0.32	0.79	2978.16	1842.12
13070.000	60.00	0.00	0.00	227.70	330.00	237.19	0.00	237.20	0.56	0.77	1050.70	439.09
13070.000	60.00	0.00	0.00	227.70	660.00	240.03	0.00	240.03	0.49	0.86	1868.72	943.66
13070.000	60.00	0.00	0.00	227.70	870.00	240.77	0.00	240.78	0.61	1.00	2117.71	1113.23
13070.000	60.00	0.00	0.00	227.70	1040.00	241.03	0.00	241.03	0.78	1.15	2206.72	1175.72

SUMMARY PRINTOUT TABLE 150

SECNO	B	BASEL	DIFRSP	DIFRFX	DIFRFS	TOTPAID	AL CH
11000.000	530.00	207.29	0.00	0.00	1.29	72.35	0.00
11000.000	670.00	208.23	0.94	0.00	2.23	93.85	0.00
11000.000	900.00	208.71	0.48	0.00	2.71	104.53	0.00
11000.000	1800.00	209.86	1.15	0.00	3.86	131.21	0.00
11010.000	730.00	207.55	0.00	0.26	0.00	76.17	10.00
11010.000	670.00	207.49	0.94	0.26	0.00	97.55	10.00
11010.000	900.00	208.57	0.48	0.25	0.00	108.49	10.00
11010.000	1800.00	210.10	1.15	0.26	0.00	134.35	10.00
11020.000	550.00	207.69	0.00	0.14	0.00	77.06	16.00
11020.000	670.00	208.65	0.95	0.16	0.00	98.65	16.00
11020.000	900.00	209.13	0.49	0.17	0.00	109.78	16.00
11020.000	1800.00	210.26	1.15	0.18	0.00	136.25	16.00
11050.000	330.00	208.06	0.00	0.57	0.00	78.48	30.00
11050.000	670.00	209.07	1.01	0.02	0.00	101.62	30.00
11050.000	900.00	209.57	0.56	0.00	0.00	113.13	30.00
11050.000	1800.00	210.73	1.16	0.45	0.00	159.06	30.00
11100.000	330.00	208.59	0.00	0.53	0.00	79.30	50.00
11100.000	670.00	209.67	1.03	0.55	0.00	102.85	50.00
11100.000	900.00	210.10	0.52	0.57	0.00	116.75	50.00
11100.000	1800.00	211.35	1.20	0.61	0.00	142.42	50.00
* 11200.000	330.00	210.05	0.00	2.00	0.00	47.67	160.00
* 11200.000	670.00	211.21	1.10	2.19	0.00	74.58	160.00
* 11200.000	900.00	212.38	0.52	2.20	0.00	86.57	160.00
* 11200.000	1800.00	213.90	1.10	2.33	0.00	112.63	160.00
12000.000	330.00	226.90	0.00	9.74	0.00	92.62	800.00
12000.000	670.00	227.51	1.12	9.70	0.00	115.31	800.00
12000.000	900.00	228.10	0.54	9.75	0.00	126.97	800.00
12000.000	1800.00	228.97	1.37	10.00	0.00	154.41	800.00
12030.000	330.00	223.89	0.00	3.50	0.00	36.53	370.00
12030.000	670.00	225.11	1.12	3.50	0.00	56.10	370.00
* 12030.000	900.00	225.81	0.60	3.51	0.00	66.60	370.00
* 12030.000	1800.00	227.06	1.48	3.61	0.00	86.46	370.00
12870.000	330.00	228.09	0.00	5.00	0.00	137.15	440.00
12870.000	670.00	230.02	1.10	5.01	0.00	163.60	440.00
12870.000	900.00	230.05	0.60	5.02	0.00	180.63	440.00
12870.000	1800.00	231.59	1.36	4.96	0.00	211.69	440.00
* 12920.000	330.00	233.42	0.00	0.53	0.00	5.42	50.00
* 12920.000	660.00	236.00	2.83	0.20	0.00	6.60	50.00
* 12920.000	870.00	238.23	1.97	7.61	0.00	524.54	50.00
* 12920.000	1040.00	238.20	-0.04	0.21	0.00	523.07	50.00
12961.000	330.00	235.83	0.00	2.41	0.00	6.00	41.00
12961.000	660.00	240.03	4.20	3.76	0.00	228.48	41.00
12961.000	870.00	240.77	0.74	2.53	0.00	241.50	41.00
12961.000	1000.00	241.62	0.23	2.83	0.00	245.97	41.00

SECR0	n	CASEL	DIFWSP	DIFWSY	DIFWSS	TUPAID	XLCR
13010.000	330.00	257.19	0.00	1.37	0.00	309.37	49.00
13010.000	660.00	240.03	2.83	0.00	0.00	365.63	49.00
13010.000	670.00	240.77	0.74	0.00	0.00	382.33	49.00
13010.000	1000.00	241.03	0.26	0.00	0.00	388.07	49.00
13070.000	330.00	257.19	0.00	0.00	0.00	252.15	60.00
13070.000	660.00	240.03	2.83	0.00	0.00	325.04	60.00
13070.000	670.00	240.77	0.74	0.00	0.00	344.17	60.00
13070.000	1000.00	241.03	0.26	0.00	0.00	350.79	60.00

SUMMARY OF ERRORS

- CAUTION SECR0=11260.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECR0=11260.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECR0=11260.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECR0=11260.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
- CAUTION SECR0=12450.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECR0=12450.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
- CAUTION SECR0=12920.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECR0=12920.000 PROFILE= 1 PROBABLE FAILURE SPECIFIC ENERGY
- CAUTION SECR0=12920.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE CASE
- CAUTION SECR0=12920.000 PROFILE= 1 SLOPE TOO STEEP
- CAUTION SECR0=12920.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECR0=12920.000 PROFILE= 2 PROBABLE FAILURE SPECIFIC ENERGY
- CAUTION SECR0=12920.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE CASE
- CAUTION SECR0=12920.000 PROFILE= 2 SLOPE TOO STEEP
- CAUTION SECR0=12920.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECR0=12920.000 PROFILE= 3 PROBABLE FAILURE SPECIFIC ENERGY
- CAUTION SECR0=12920.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE CASE
- CAUTION SECR0=12920.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
- CAUTION SECR0=12920.000 PROFILE= 4 PROBABLE FAILURE SPECIFIC ENERGY
- CAUTION SECR0=12920.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE CASE

 HPC2 RELEASE DATED NOV 76 UPDATED JULY 1979
 ERROR CORR = 01,02,03
 MODIFICATION = 50,51,52,55

C FPDH CLAYTON DC FIS BRP
 T1 FPDH CLAYTON DC FIS BRP
 T2 100 YR NATURAL
 T3 SAPS CR

J1	ICHECK	INC	SNV	IDIF	STRT	PERIC	HVINS	G	WSFL	FQ
	0.	0.	0.	0.	0.000000	0.00	0.0	0.	208.700	0.000
J2	IPROF	IPROF	PREVS	XSECV	XSECH	FR	ALIDC	IBW	CHKIS	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000
J3	VARIABLE CODES FOR SURVEY PRINTOUT									
	38.000	1.000	3.000	01.000	0.000	5.000	03.000	0.000	38.000	1.000
	53.000	21.000	22.000	54.000	4.000	0.000	200.000	0.000	0.000	0.000
NC	0.110	0.110	0.055	0.200	0.000	0.000	0.000	0.000	0.000	0.000
RI	0.000	550.000	110.000	900.000	1000.000	960.000	500.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1460.000

*** TOPG SURVEY

X1	11000.000	19.000	1474.000	1485.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	230.000	1000.000	250.000	1100.000	228.000	1200.000	220.000	1300.000	212.000	1420.000
GR	200.000	1057.000	205.000	1474.000	204.500	1476.000	203.500	1480.000	204.400	1484.000
GR	205.000	1035.000	200.000	1510.000	212.000	1600.000	216.000	1710.000	220.000	1790.000
GR	220.000	1020.000	220.000	1480.000	252.000	1930.000	250.000	1900.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1465.000	1530.000

X1	11010.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.100	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1465.000	1530.000

X1	11020.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.100	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1465.000	1530.000

X1	11050.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.500	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1465.000	1530.000

X1	11100.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.500	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1560.000	1630.000

*** SURVEYED SECTION

X1	11260.000	13.000	1590.000	1600.000	160.000	160.000	160.000	0.000	0.000	0.000
GR	240.000	1340.000	230.000	1400.000	218.000	1490.000	209.000	1590.000	208.000	1591.000
GR	267.200	1592.000	269.000	1595.000	267.400	1598.000	208.000	1599.000	209.000	1600.000
GR	220.000	1730.000	229.000	1880.000	236.000	1990.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	9.000	0.000	0.000	9.110	0.000	0.000	1290.000	1260.000

*** TOPO SECTION

X1	12060.000	15.000	1339.000	1350.000	800.000	800.000	800.000	0.000	0.000	0.000
GR	236.000	1000.000	232.000	1050.000	228.000	1175.000	224.000	1230.000	220.000	1265.000
GR	218.600	1339.000	216.000	1341.000	215.100	1345.000	216.200	1349.000	218.600	1350.000
GR	220.000	1379.000	224.000	1395.000	228.000	1430.000	232.000	1470.000	236.000	1500.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1488.000	1549.000

*** 300 OF THE SECTION

X1	12930.000	12.000	1525.000	1540.000	370.000	370.000	370.000	0.000	0.000	0.000
GR	236.000	1270.000	229.000	1440.000	223.000	1525.000	222.000	1527.000	220.200	1528.000
GR	220.200	1531.000	219.300	1533.000	221.300	1535.000	220.500	1538.000	222.000	1539.000
GR	223.000	1549.000	225.000	1650.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	9.000	0.000	0.000	9.110	0.000	0.000	1465.000	1535.000

X1	12970.000	17.000	1521.000	1531.000	440.000	440.000	440.000	0.000	-0.800	0.000
GR	247.000	1290.000	240.000	1250.000	241.000	1300.000	236.000	1340.000	232.000	1400.000
GR	228.000	1450.000	228.000	1521.000	227.200	1522.000	227.100	1525.000	227.200	1528.000
GR	222.000	1530.000	228.000	1505.000	232.000	1595.000	236.000	1620.000	240.000	1650.000
GR	244.000	1665.000	247.000	1705.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1440.000	1530.000

*** 400 OF THE SECTION

X1	12960.000	21.000	1522.000	1526.000	50.000	50.000	50.000	0.000	-0.500	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	238.000	238.000	0.000
GR	247.000	1200.000	234.000	1230.000	240.000	1310.000	236.000	1300.000	232.000	1400.000
GR	228.000	1480.000	227.700	1521.000	235.000	1522.000	233.000	1522.400	227.500	1523.500
GR	227.500	1525.000	227.500	1526.500	233.000	1527.000	235.000	1528.000	227.700	1529.000
GR	228.000	1540.000	232.000	1595.000	234.000	1620.000	240.000	1650.000	244.000	1685.000
GR	247.000	1705.000	247.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SA	1.000	1.000	2.000	0.000	2.000	0.000	47.700	0.203	227.500	227.200
AC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1440.000	1530.000

X1	12910.000	0.000	0.000	0.000	41.000	41.000	41.000	0.000	0.500	0.000
X2	0.000	0.000	0.000	237.000	237.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	235.000	241.500	0.000
BT	13.000	1200.000	247.000	0.000	1300.000	240.700	0.000	1400.000	235.500	0.000
BT	140.000	238.000	0.000	1522.000	241.000	235.000	1522.000	241.100	236.800	1523.500
BT	241.100	237.200	1525.000	241.200	237.000	1526.500	241.200	237.600	1527.600	241.300
BT	236.000	1525.000	241.300	235.000	1120.000	243.200	0.000	1785.000	247.000	0.000
AC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1475.000	1535.000

X1	12610.000	16.000	1527.000	1530.000	49.000	49.000	49.000	0.000	0.000	0.000
GR	247.000	1200.000	249.000	1250.000	236.000	1340.000	232.000	1400.000	230.000	1450.000
GR	229.000	1521.000	227.700	1522.000	227.600	1525.000	227.700	1528.000	229.000	1530.000
GR	250.000	1545.000	232.000	1595.000	236.000	1620.000	240.000	1650.000	244.000	1685.000
GR	247.000	1705.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1230.000	1290.000

 HEC2 RELEASE DATED NOV 76 UPDATED JULY 1976
 ERROR CORR - 01,02,03
 MODIFICATION - 50,51,52,53

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

SAMS CR

SUMMARY PRINTOUT

SFCNO	CROSS	EG	ELTC	ELPTE	TKRS	W
11000.000	208.70	205.51	0.00	205.50	168.77	900.00
11000.000	209.40	209.01	0.00	203.50	92.70	900.00
11010.000	208.96	209.08	0.00	203.40	100.23	900.00
11010.000	209.06	209.93	0.00	203.60	103.57	900.00
11020.000	209.13	209.62	0.00	203.70	131.56	900.00
11020.000	209.57	210.03	0.00	203.70	163.74	900.00
11050.000	209.57	210.60	0.00	204.00	112.10	900.00
11050.000	209.88	210.56	0.00	204.00	102.32	900.00
11100.000	210.10	210.53	0.00	204.50	103.90	900.00
11100.000	210.49	210.85	0.00	204.50	100.67	900.00
* 11260.000	212.50	213.00	0.00	206.46	220.06	900.00
11260.000	212.51	213.50	0.00	206.46	217.21	900.00
12060.000	222.10	222.39	0.00	215.10	60.77	900.00
12060.000	222.50	222.77	0.00	215.10	71.71	900.00
* 12430.000	225.01	227.02	0.00	219.30	223.67	900.00
12430.000	225.37	227.01	0.00	219.30	170.51	900.00
12870.000	230.63	230.77	0.00	226.30	39.21	900.00
12870.000	231.51	231.50	0.00	226.30	65.50	900.00
* 12920.000	238.23	238.20	0.00	227.20	0.47	870.00
* 12920.000	238.10	238.10	0.00	227.20	2.38	870.00
12961.000	200.77	200.77	237.90	227.50	0.41	870.00
12961.000	201.55	201.50	237.90	227.50	0.95	870.00
13010.000	240.77	240.77	0.00	227.60	0.24	870.00
13010.000	241.52	241.50	0.00	227.60	2.70	870.00
13070.000	240.77	240.70	0.00	227.70	0.61	870.00
13070.000	241.55	241.50	0.00	227.70	4.05	870.00

SAMS CR

SUMMARY PRINTOUT

SECNO	CASEL	SS1A	STCHL	STCRK	ENDST	TOPWID
11000.000	208.70	1445.85	1474.00	1485.00	1550.50	104.65
11000.000	209.40	1460.00	1474.00	1485.00	1530.00	70.00
11010.000	208.96	1444.57	1474.00	1485.00	1552.96	108.59
11010.000	209.46	1465.00	1474.00	1485.00	1530.00	65.00
11020.000	209.15	1444.11	1474.00	1485.00	1553.63	109.71
11020.000	209.57	1465.00	1474.00	1485.00	1530.00	65.00
11050.000	209.57	1442.95	1474.00	1485.00	1556.05	113.10
11050.000	209.88	1465.00	1474.00	1485.00	1530.00	65.00
11100.000	210.14	1442.39	1474.00	1485.00	1557.13	114.74
11100.000	210.40	1465.00	1474.00	1485.00	1530.00	65.00
* 11260.000	212.34	1552.96	1594.00	1600.00	1634.06	86.57
11260.000	212.31	1560.00	1590.00	1600.00	1630.00	70.00
12060.000	222.10	1256.15	1339.00	1350.00	1385.12	126.97
12060.000	222.38	1290.00	1339.00	1350.00	1360.00	70.00
* 12430.000	225.61	1468.00	1525.00	1540.00	1548.69	60.00
12430.000	225.87	1468.00	1525.00	1540.00	1549.00	61.00
12870.000	230.65	1407.12	1521.00	1530.00	1587.82	180.63
12870.000	231.51	1465.00	1521.00	1530.00	1535.00	70.00
* 12920.000	238.23	1318.00	1522.00	1528.00	1639.00	324.34
* 12920.000	238.14	1400.00	1522.00	1528.00	1550.00	90.00
12961.000	240.17	1296.50	1522.00	1528.00	1528.00	241.50
12961.000	241.55	1400.00	1522.00	1528.00	1530.00	90.00
13010.000	240.17	1278.00	1521.00	1530.00	1650.74	582.53
13010.000	241.52	1475.00	1521.00	1530.00	1535.00	60.00
13070.000	240.17	1233.56	1280.00	1296.00	1397.12	344.17
13070.000	241.55	1230.00	1280.00	1296.00	1296.00	60.00

SUMMARY OF COMMENTS

- CAUTION SECNO=11260.000 PROFILE=1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=12430.000 PROFILE=1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=12920.000 PROFILE=1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=12920.000 PROFILE=1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=12920.000 PROFILE=1 20 TRIALS ATTEMPTED TO BALANCE WSFL
- CAUTION SECNO=12920.000 PROFILE=2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=12920.000 PROFILE=2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=12920.000 PROFILE=2 20 TRIALS ATTEMPTED TO BALANCE WSFL

FLOODWAY DATA, SAMS CR
 PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION DIFFERENCE		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	
11000.000	70.	242.	3.7	209.4	208.7	0.7
11010.000	65.	225.	4.0	209.5	209.0	0.5
11020.000	65.	225.	4.0	209.5	209.1	0.4
11050.000	65.	226.	4.0	209.9	209.6	0.3
11100.000	65.	227.	4.0	210.4	210.1	0.3
11260.000	70.	170.	3.3	212.3	212.3	0.0
12060.000	70.	256.	3.5	222.4	222.1	0.3
12430.000	61.	149.	6.0	225.7	225.6	0.1
12870.000	70.	244.	3.1	231.3	230.6	0.7
12920.000	90.	932.	0.9	238.2	238.2	0.0
12961.000	90.	1192.	0.7	241.0	240.8	0.2
13010.000	60.	754.	1.2	241.4	240.8	0.6
13070.000	60.	655.	1.3	241.4	240.8	0.6