

PUPPY
CREEK

THIS RUN EXECUTED 03-26-87 15:10:51

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

C	HAYES, SEAY, MATTERN & MATTERN						HOKE CO, NC FIS			
T1	FILENAME: PUP.HEC						COMM 2340B			
T2	ENG: SKE EA: KMC						10-YEAR EVENT			
T3	PUPPY CREEK						DATE: 03/26/87			
J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
	0.	4.	0.	0.	.002981	.00	.0	0.	150.000	.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1.000	.000	-1.000	.000	.000	.000	.000	.000	.000	.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	150.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	9.000	550.000	980.000	1390.000	2090.000	2760.000	3480.000	43856.000	5955.000	3480.000
NC	.200	.200	.055	.100	.300	.000	.000	.000	.000	.000
NH	6.000	1.000	4575.010	.500	4800.010	.350	4985.000	.058	5015.000	.340
NH	5198.000	.630	5515.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	10.410
X1	500.000	19.000	4985.000	5015.000	500.000	500.000	500.000	.000	.000	.000
GR	157.000	4395.000	155.000	4555.000	153.570	4575.010	150.000	4625.000	145.000	4710.000
GR	140.000	4785.000	138.080	4800.010	136.090	4840.000	135.890	4985.000	134.070	4990.000
GR	132.090	5000.000	134.090	5010.000	135.880	5015.000	136.110	5060.000	138.080	5198.000
GR	140.000	5205.000	145.000	5250.000	150.000	5290.000	155.000	5515.000	.000	.000
NH	7.000	1.000	4530.010	.360	4880.000	.260	4979.760	.058	5020.250	.200
NH	5225.000	.350	5525.000	1.000	6340.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	5.410

DISCHARGES ARE AS FOLLOWS ON THE QT CARDS

	FIELD #2	#3	#4	#5	#6	#7	#8	#9	#10	
	Tr	2	5	10	25	50	100	200	500	100
X1	886.540	42.000	4979.760	5020.250	386.540	386.540	386.540	.000	.000	.000
GR	164.480	4120.000	160.380	4530.010	159.480	4620.000	141.940	4779.750	141.930	4780.000
GR	140.240	4829.750	140.240	4879.750	140.240	4880.000	139.540	4929.750	138.340	4979.750
GR	138.340	4979.760	137.740	4981.250	137.740	4981.260	136.540	4984.250	133.240	4994.750
GR	133.920	4999.750	133.920	4999.760	133.960	5000.000	133.990	5000.250	134.420	5000.750
GR	134.420	5000.760	136.540	5003.250	138.450	5018.740	138.460	5018.750	138.640	5020.240
GR	138.640	5020.250	145.290	5070.250	146.830	5120.000	146.840	5120.250	148.840	5170.250

GR	154.480	5200.000	157.600	5225.000	159.480	5240.000	164.480	5320.000	169.480	5420.000
GR	171.870	5525.000	174.480	5640.000	179.480	5840.000	184.480	5940.000	189.480	6140.000
GR	194.480	6240.000	199.480	6340.000						
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	1.000	4530.010	.360	4880.000	.260	4979.760	.058	5020.250	.200
NH	5225.000	.350	5525.000	1.000	6340.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	5.410
X1	1048.500	42.000	4979.760	5020.250	161.960	161.960	161.960	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	144.060	.000	.000
GR	165.000	4120.000	160.900	4530.010	160.000	4620.000	142.460	4779.750	142.450	4780.000
GR	140.760	4829.750	140.760	4879.750	140.760	4880.000	140.060	4929.750	138.860	4979.750
GR	138.860	4979.760	138.260	4981.250	138.260	4981.260	137.060	4984.250	133.760	4994.750
GR	134.440	4999.750	134.440	4999.760	134.480	5000.000	134.510	5000.250	134.940	5000.750
GR	134.940	5000.760	137.060	5003.250	138.970	5018.740	138.980	5018.750	139.160	5020.240
GR	139.160	5020.250	145.810	5070.250	147.350	5120.000	147.360	5120.250	149.360	5170.250
GR	155.000	5200.000	158.120	5225.000	160.000	5240.000	165.000	5320.000	170.000	5420.000
GR	172.390	5525.000	175.000	5640.000	180.000	5840.000	185.000	5940.000	190.000	6140.000
GR	195.000	6240.000	200.000	6340.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4530.010	.360	4880.000	.260	4981.250	.058	5018.750	.200
NH	5225.000	.350	5525.000	1.000	6340.000	.000	.000	.000	.000	.000
SB	1.250	1.560	2.700	.000	10.000	1.000	209.000	1.800	133.760	133.760

SR 1422

X1	1071.500	42.000	4581.250	5018.750	24.000	24.000	24.000	.000	.000	.000
X2	.000	.000	1.000	142.320	.000	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	144.060	.000	.000	144.060	144.970	.000
BT	-42.000	4120.000	165.000	165.000	4530.010	160.900	160.900	4620.000	160.000	160.000
BT	.000	4779.750	144.460	142.460	4780.000	144.460	142.450	4829.750	144.060	140.760
BT	.000	4879.750	144.160	140.760	4880.000	144.160	140.760	4929.750	144.360	140.060
BT	.000	4979.750	144.920	138.860	4979.760	147.370	138.860	4981.250	147.370	138.260
BT	.000	4981.260	147.370	142.270	4984.250	147.380	142.280	4994.750	147.390	142.290
BT	.000	4999.750	147.390	142.290	4999.760	147.390	134.440	5000.000	147.390	134.480
BT	.000	5000.250	147.400	134.510	5000.750	147.400	134.940	5000.760	147.400	142.300
BT	.000	5003.250	147.400	142.300	5018.740	147.420	142.320	5018.750	147.420	138.980
BT	.000	5020.240	147.420	139.160	5020.250	144.970	139.160	5070.250	145.810	145.810
BT	.000	5200.000	155.000	147.350	5225.000	158.120	158.120	5240.000	160.000	160.000
BT	.000	5320.000	165.000	165.000	5420.000	170.000	170.000	5525.000	172.390	172.390
BT	.000	5640.000	175.000	175.000	5840.000	180.000	180.000	5940.000	185.000	185.000
BT	.000	6140.000	190.000	190.000	6240.000	195.000	195.000	6340.000	200.000	200.000
GR	165.000	4120.000	160.900	4530.010	160.000	4620.000	142.460	4779.750	142.450	4780.000
GR	140.760	4829.750	140.760	4879.750	140.760	4880.000	140.060	4929.750	138.860	4979.750
GR	138.860	4979.760	138.260	4981.250	138.260	4981.260	137.060	4984.250	133.760	4994.750
GR	134.440	4999.750	134.440	4999.760	134.480	5000.000	134.510	5000.250	134.940	5000.750
GR	134.940	5000.760	137.060	5003.250	138.970	5018.740	138.980	5018.750	139.160	5020.240
GR	139.160	5020.250	145.810	5070.250	147.350	5120.000	147.360	5120.250	149.360	5170.250
GR	155.000	5200.000	158.120	5225.000	160.000	5240.000	165.000	5320.000	170.000	5420.000
GR	172.390	5525.000	175.000	5640.000	180.000	5840.000	185.000	5940.000	190.000	6140.000
GR	195.000	6240.000	200.000	6340.000	.000	.000	.000	.000	.000	.000

NH	7.000	1.000	4530.010	.360	4880.000	.260	4979.760	.058	5020.250	.200
NH	5225.000	.350	5525.000	1.000	6340.000	.000	.000	.000	.000	.000
X1	1111.900	42.000	4979.760	5020.250	40.490	40.490	40.490	.000	.000	.000
GR	165.070	4120.000	160.970	4530.010	160.070	4620.000	142.530	4779.750	142.520	4780.000
GR	140.830	4829.750	140.830	4879.750	140.830	4880.000	140.130	4929.750	138.930	4979.750
GR	138.930	4979.760	138.330	4981.250	138.330	4981.260	137.130	4984.250	133.830	4994.750
GR	134.510	4999.750	134.510	4999.760	134.550	5000.000	134.580	5000.250	135.010	5000.750
GR	135.010	5000.760	137.130	5003.250	139.040	5019.740	139.050	5018.750	139.230	5020.240
GR	139.230	5020.250	145.880	5070.250	147.420	5121.000	147.430	5120.250	149.430	5170.250
GR	155.070	5200.000	158.190	5225.000	160.070	5240.000	165.070	5320.000	170.070	5420.000
GR	172.460	5525.000	175.070	5640.000	180.070	5840.000	185.070	5940.000	190.070	6140.000
GR	195.070	6240.000	200.070	6340.000	.000	.000	.000	.000	.000	.000
MC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	5.000	.360	4750.000	.260	4785.000	.058	5019.000	.200	5050.000	.350
NH	5240.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Gross Section A

X1	1370.000	19.000	4985.000	5019.000	188.010	168.010	258.010	.000	.000	.000
GR	155.000	4530.000	150.000	4600.000	145.000	4680.000	142.770	4750.000	136.600	4944.000
GR	135.950	4974.000	136.800	4982.000	137.150	4985.000	134.950	4990.000	134.350	4995.000
GR	134.300	5000.000	134.150	5008.000	136.250	5009.000	138.250	5019.000	137.750	5024.000
GR	141.120	5050.000	145.000	5080.000	150.000	5160.000	155.000	5240.000	.000	.000
NH	5.000	.360	4850.000	.260	4986.500	.058	5013.500	.200	5200.000	.350
NH	5240.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	10.410

Gross Section B

X1	2600.000	24.000	4986.500	5013.500	1120.000	1280.000	1230.000	.000	.000	.000
GR	155.000	4760.000	150.000	4820.000	148.120	4850.000	145.000	4900.000	138.510	4932.500
GR	138.510	4942.500	138.610	4952.500	139.710	4962.500	140.010	4972.500	139.910	4986.500
GR	137.510	4989.500	136.310	4994.500	136.310	4999.500	135.710	5004.500	136.010	5009.500
GR	137.510	5012.500	138.710	5013.500	139.310	5023.500	139.110	5033.500	139.410	5043.500
GR	145.000	5070.000	150.000	5160.000	152.500	5200.000	155.000	5240.000	.000	.000
NH	6.000	.360	4805.000	.220	4984.500	.058	5015.500	.240	5150.000	.350
NH	5350.000	1.000	5510.000	.000	.000	.000	.000	.000	.000	.000

Gross Section C

X1	4210.000	35.000	4984.500	5015.500	1625.000	1460.000	1610.000	.000	.000	.000
GR	160.000	4655.000	155.000	4735.000	150.000	4805.000	145.000	4850.000	141.250	4921.500
GR	141.150	4931.500	141.450	4941.500	142.050	4951.500	142.150	4961.500	142.250	4971.500
GR	141.650	4984.500	139.750	4987.500	138.750	4992.500	138.750	4997.500	138.850	5002.500
GR	138.050	5007.500	137.750	5010.500	139.750	5013.500	141.450	5015.500	142.050	5022.500
GR	142.550	5029.500	144.250	5032.500	146.450	5035.500	145.220	5035.500	145.000	5170.000
GR	150.000	5205.000	155.000	5235.000	157.500	5280.000	155.000	5330.000	153.330	5350.000
GR	152.500	5360.000	155.000	5395.000	160.000	5440.000	165.000	5485.000	170.000	5510.000

QT	9.000	520.000	935.000	1330.000	2000.000	2650.000	3350.000	42306.000	5760.000	3350.000
NH	7.000	1.000	4450.000	.360	4850.000	.160	4983.000	.058	5017.000	.180
NH	5250.000	.250	5495.000	1.000	5605.000	.000	.000	.000	.000	.000

Cross Section G

X1	10080.000	31.000	4983.000	5017.000	1325.000	1350.000	1400.000	.000	.000	.000
GR	175.000	4260.000	170.000	4340.000	165.560	4450.000	165.000	4500.000	160.000	4610.000
GR	154.310	4850.000	153.380	4889.000	153.180	4899.000	152.580	4909.000	151.980	4919.000
GR	151.880	4929.000	152.180	4939.000	152.080	4949.000	151.880	4959.000	150.880	4969.000
GR	150.280	4983.000	146.780	4987.000	145.280	4988.000	145.180	4990.000	145.380	4995.000
GR	145.680	5000.000	145.880	5005.000	146.780	5011.000	151.280	5017.000	151.480	5027.000
GR	151.380	5034.000	160.000	5140.000	164.230	5250.000	165.000	5270.000	170.000	5495.000
GR	175.000	5605.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4550.010	.360	4750.000	.160	4961.510	.055	5038.500	.180
NH	5150.000	.350	5350.000	1.000	5460.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	8.410
X1	10927.000	54.000	4961.510	5038.500	852.040	852.040	847.040	.000	.000	.000
GR	174.590	4480.000	171.670	4550.010	169.590	4600.000	164.590	4700.000	158.700	4750.000
GR	157.350	4761.500	156.650	4811.500	157.650	4861.500	157.550	4911.500	157.460	4961.500
GR	157.460	4961.510	157.450	4964.500	157.450	4964.510	157.450	4965.500	157.250	4968.500
GR	153.200	4975.500	151.500	4986.500	151.500	4986.510	151.430	4987.000	151.430	4987.010
GR	151.350	4987.500	151.150	4988.000	151.140	4988.010	150.940	4988.500	150.940	4988.510
GR	148.900	4993.500	146.850	4993.500	146.670	5000.000	146.250	5003.500	146.750	5008.500
GR	147.460	5011.500	147.460	5011.510	147.580	5012.000	147.580	5012.010	147.700	5012.500
GR	148.000	5013.000	148.010	5013.010	148.300	5013.500	148.310	5013.510	148.900	5014.500
GR	157.150	5035.500	157.150	5038.470	157.150	5038.470	157.150	5038.490	157.150	5038.500
GR	161.050	5080.000	161.850	5088.500	162.000	5138.500	162.120	5150.000	162.420	5180.000
GR	162.500	5188.500	162.950	5238.500	168.810	5350.000	174.590	5460.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	1.000	4550.010	.360	4750.000	.160	4961.510	.055	5038.500	.180
NH	5150.000	.350	5350.000	1.000	5460.000	.000	.000	.000	.000	.000
X1	11235.000	54.000	4961.510	5038.500	307.960	307.960	307.960	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	161.000	161.200	.000
GR	175.000	4480.000	172.080	4550.010	170.000	4600.000	165.000	4700.000	159.110	4750.000
GR	157.760	4761.500	157.060	4811.500	158.060	4861.500	157.960	4911.500	157.870	4961.500
GR	157.870	4961.510	157.860	4964.500	157.860	4964.510	157.860	4965.500	157.660	4968.500
GR	153.610	4975.500	151.910	4986.500	151.910	4986.510	151.840	4987.000	151.840	4987.010
GR	151.760	4987.500	151.560	4988.000	151.550	4988.010	151.350	4988.500	151.350	4988.510
GR	149.310	4993.500	147.260	4998.500	147.080	5000.000	146.660	5003.500	147.160	5008.500
GR	147.870	5011.500	147.870	5011.510	147.990	5012.000	147.990	5012.010	148.110	5012.500
GR	148.410	5013.000	148.420	5013.010	148.710	5013.500	148.720	5013.510	149.310	5014.500
GR	157.560	5035.500	157.560	5036.490	157.560	5036.500	157.560	5038.490	157.560	5038.500
GR	161.460	5080.000	162.260	5088.500	162.410	5138.500	162.530	5150.000	162.830	5180.000
GR	162.910	5188.500	163.360	5238.500	169.220	5350.000	175.000	5460.000	.000	.000

NH	7.000	1.000	4550.010	.360	4750.000	.160	494.500	.055	5036.500	.180
NH	5150.000	.350	5350.000	1.000	5460.000	.000	.000	.000	.000	.000
SB	1.250	1.560	2.700	.000	15.000	1.000	.94.000	2.070	146.660	146.660
SR 1406										
X1	11265.000	54.000	4964.500	5036.500	30.000	30.000	30.000	.000	.000	.000
X2	.000	.000	1.000	159.090	161.460	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	161.000	162.180	.000
BT	-54.000	4480.000	175.000	175.000	4550.010	172.080	172.080	4600.000	170.000	170.000
BT	.000	4700.000	165.000	165.000	4750.000	162.120	159.110	4761.500	161.460	157.760
BT	.000	4811.500	161.760	157.060	4861.500	161.810	158.060	4911.500	161.880	157.960
BT	.000	4961.500	162.060	157.870	4961.510	164.800	157.870	4964.500	164.800	157.860
BT	.000	4964.510	164.800	158.970	4965.500	164.810	158.980	4968.500	164.810	158.920
BT	.000	4975.500	164.820	158.970	4986.500	164.840	159.010	4986.510	164.840	157.010
BT	.000	4987.000	164.840	157.010	4987.010	164.840	151.840	4987.500	164.840	151.760
BT	.000	4988.000	164.840	151.560	4988.010	164.840	157.010	4988.500	164.840	157.010
BT	.000	4988.510	164.840	159.010	4993.500	164.850	159.020	4998.500	164.860	159.030
BT	.000	5000.000	164.860	159.030	5003.500	164.870	159.040	5008.500	164.870	159.040
BT	.000	5011.500	164.880	159.050	5011.510	164.880	157.050	5012.000	164.880	157.050
BT	.000	5012.010	164.880	147.990	5012.500	164.880	148.110	5013.000	164.880	148.410
BT	.000	5013.010	164.880	157.050	5013.500	164.880	157.050	5013.510	164.880	159.050
BT	.000	5014.500	164.880	159.050	5035.500	164.920	159.090	5036.490	164.920	159.090
BT	.000	5036.500	164.920	157.560	5038.490	164.920	157.560	5038.500	162.180	157.560
BT	.000	5080.000	162.250	161.460	5088.500	162.260	162.260	5138.500	162.410	162.410
BT	.000	5150.000	162.540	162.540	5180.000	162.830	162.830	5188.500	162.910	162.910
BT	.000	523.500	163.360	163.360	5350.000	169.220	169.220	4700.000	175.000	175.000
GR	175.000	4480.000	172.080	4550.010	170.000	4600.000	165.000	4700.000	159.110	4750.000
GR	157.760	4761.500	157.060	4811.500	158.060	4861.510	157.960	4911.500	157.870	4961.500
GR	157.870	4961.510	157.860	4964.500	157.860	4964.510	157.860	4965.500	157.660	4968.500
GR	153.610	4975.500	151.910	4986.500	151.910	4986.510	151.840	4987.000	151.840	4987.010
GR	157.760	4987.500	151.560	4988.000	151.550	4988.010	151.350	4988.500	151.350	4988.510
GR	149.310	4993.500	147.260	4998.500	147.080	5000.000	146.660	5003.500	147.160	5008.500
GR	147.870	5011.500	147.870	5011.510	147.990	5012.000	147.990	5012.010	148.110	5012.500
GR	148.410	5013.000	148.420	5013.010	148.710	5013.500	148.720	5013.510	149.310	5014.500
GR	157.560	5035.500	157.560	5036.490	157.560	5036.500	157.560	5038.490	157.560	5038.500
GR	161.460	5080.000	162.260	5088.500	162.410	5138.500	162.530	5150.000	162.830	5180.000
GR	162.910	5188.500	163.360	5238.500	169.220	5350.000	175.000	5460.000	.000	.000
NH	7.000	1.000	4550.010	.360	4750.000	.160	4961.510	.055	5038.500	.180
NH	5150.000	.350	5350.000	1.000	5460.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	8.410
X1	11341.000	54.000	4961.510	5038.500	76.990	76.990	76.990	.000	.000	.000
GR	175.160	4480.000	172.240	4550.010	170.160	4600.000	165.160	4700.000	159.270	4750.000
GR	157.920	4761.500	157.220	4811.500	158.220	4861.500	158.120	4911.500	158.030	4961.500
GR	158.030	4961.510	158.020	4964.500	158.020	4964.510	158.020	4965.500	157.820	4968.500
GR	153.770	4975.500	152.070	4986.500	152.070	4986.510	152.000	4987.000	152.000	4987.010
GR	151.920	4987.500	151.720	4988.000	151.710	4988.010	151.510	4988.500	151.510	4988.510
GR	149.470	4993.500	147.420	4998.500	147.240	5000.000	146.820	5003.500	147.320	5008.500
GR	148.030	5011.500	148.030	5011.510	148.150	5012.000	148.150	5012.010	148.270	5012.500
GR	148.570	5013.000	148.580	5013.010	148.870	5013.500	148.880	5013.510	149.470	5014.500
GR	157.720	5035.500	157.720	5038.470	157.720	5038.480	157.720	5038.490	157.720	5038.500
GR	161.620	5080.000	162.420	5088.500	162.570	5138.500	162.690	5150.000	162.990	5180.000

GR	163.070	5188.500	163.520	5238.500	164.380	5350.000	175.160	5460.000	.000
MC	.000	.000	.000	.100	.300	.000	.000	.000	.000
NH	7.000	1.000	4492.000	.360	4842.000	.230	4975.000	.055	5009.000
NH	5192.000	.350	5392.000	1.000	5422.000	.000	.000	.000	.000

Cross Section H

X1	11860.000	32.000	4975.000	5009.000	508.010	488.010	518.010	.000	.000
GR	175.000	4447.000	170.000	4477.000	169.000	4492.000	165.000	4552.000	4752.000
GR	157.170	4842.000	155.950	4881.000	155.750	4891.000	155.150	4901.000	4911.000
GR	154.450	4921.000	154.750	4931.000	154.650	4941.000	154.450	4951.000	4961.000
GR	152.850	4975.000	149.350	4979.000	147.850	4980.000	147.750	4982.000	4987.000
GR	148.250	4992.000	148.450	4997.000	149.350	5003.000	153.850	5009.000	5019.000
GR	153.950	5026.000	159.350	5192.000	160.000	5212.000	165.000	5352.000	5382.000
GR	171.250	5392.000	175.000	5422.000	.000	.000	.000	.000	.000

NH	7.000	1.000	4491.000	.360	4841.000	.230	4974.000	.055	5008.000
NH	5191.000	.350	5396.000	1.000	5806.000	.000	.000	.000	.180
X1	12060.000	43.000	4974.000	5008.000	175.000	160.000	200.000	.000	.000
GR	205.000	3831.000	200.000	3941.000	195.000	4046.000	190.000	4156.000	4266.000
GR	180.000	4381.000	177.110	4491.000	175.000	4571.000	170.000	4661.000	4731.000
GR	160.000	4791.000	157.930	4841.000	156.310	4830.000	156.110	4890.000	4900.000
GR	154.910	4910.000	154.810	4920.000	155.110	4930.000	155.010	4940.000	4950.000
GR	153.810	4960.000	153.210	4974.000	149.710	4978.000	148.210	4979.000	4981.000
GR	148.310	4986.000	148.610	4991.000	148.810	4996.000	149.710	5002.000	5008.000
GR	154.410	5018.000	154.310	5025.000	159.260	5191.000	160.030	5216.000	5331.000
GR	170.000	5371.000	175.000	5396.000	180.000	5456.000	185.000	5531.000	5581.000
GR	195.000	5661.000	200.000	5716.000	205.000	5806.000	.000	.000	.000

NH	6.000	1.000	4156.000	.360	4856.000	.230	4989.000	.055	5023.000
NH	5156.000	.350	5286.000	.000	.000	.000	.000	.000	.240
ET	.000	.000	.000	.000	.000	.000	.000	.000	10.410

Cross Section I

X1	13110.000	39.000	4989.000	5023.000	655.000	1080.000	1050.000	.000	.000
GR	200.000	3876.000	195.000	3906.000	190.000	3946.000	185.000	3996.000	4086.000
GR	175.620	4156.000	175.000	4166.000	170.000	4746.000	165.000	4806.000	4856.000
GR	158.180	4895.000	157.980	4905.000	157.380	4915.000	156.780	4925.000	4935.000
GR	156.980	4945.000	156.880	4955.000	156.680	4965.000	155.680	4975.000	4989.000
GR	151.580	4993.000	150.080	4994.000	149.980	4996.000	150.180	5001.000	5006.000
GR	150.680	5011.000	151.580	5017.000	156.080	5023.000	156.280	5033.000	5040.000
GR	165.000	5146.000	167.500	5156.000	170.000	5166.000	175.000	5186.000	5206.000
GR	185.000	5226.000	190.000	5246.000	195.000	5266.000	200.000	5286.000	.000

NH	7.000	1.000	4147.000	.360	4797.000	.230	4980.000	.055	5014.000
NH	5197.000	.350	5597.000	1.000	5782.000	.000	.000	.000	.240

Cross Section J

X1	14250.000	38.000	4980.000	5014.000	1200.000	1200.000	1140.000	.000	.000	.000
GR	200.000	3922.000	195.000	4022.000	190.000	4072.000	185.000	4112.000	180.000	4147.000
GR	175.000	4207.000	170.000	4737.000	165.000	4797.000	160.220	4886.000	160.020	4896.000
GR	159.420	4906.000	158.820	4916.000	158.720	4926.000	159.020	4936.000	158.920	4946.000
GR	158.720	4956.000	157.720	4966.000	157.120	4980.000	153.620	4984.000	152.120	4985.000
GR	152.020	4987.000	152.220	4992.000	152.520	4997.000	152.720	5002.000	153.620	5008.000
GR	158.120	5014.000	158.320	5024.000	158.220	5031.000	162.990	5197.000	165.000	5267.000
GR	170.000	5327.000	175.000	5352.000	180.000	5492.000	185.000	5562.000	187.500	5597.000
GR	190.000	5632.000	195.000	5672.000	200.000	5782.000	.000	.000	.000	.000
NH	8.000	1.000	4351.000	.360	4751.000	.230	4984.000	.055	5018.000	.180
NH	5301.000	.220	5501.000	.350	5801.000	1.000	6021.000	.000	.000	.000

Cross Section K

X1	15970.000	33.000	4984.000	5018.000	1720.000	1720.000	1720.000	.000	.000	.000
GR	200.000	4296.000	195.770	4351.000	190.000	4426.000	180.000	4576.000	170.000	4676.000
GR	167.650	4751.000	163.300	4890.000	163.100	4900.000	162.500	4910.000	161.900	4920.000
GR	161.800	4930.000	162.100	4940.000	162.000	4950.000	161.800	4960.000	160.800	4970.000
GR	160.200	4984.000	156.700	4988.000	155.200	4989.000	155.100	4991.000	155.300	4996.000
GR	155.600	5001.000	155.800	5006.000	156.700	5012.000	161.200	5018.000	161.400	5028.000
GR	161.300	5035.000	170.000	5151.000	172.940	5301.000	176.860	5501.000	180.000	5661.000
GR	185.830	5801.000	190.000	5901.000	200.000	6021.000	.000	.000	.000	.000
QT	9.000	490.000	885.000	1260.000	1900.000	2525.000	3200.000	4050.000	5530.000	3200.000
NH	7.000	.360	4806.000	.230	4989.000	.055	5023.000	.180	5056.000	.220
NH	5156.000	.350	5306.000	1.000	5591.000	.000	.000	.000	.000	.000

Cross Section L

X1	17820.000	34.000	4989.000	5023.000	1850.000	1850.000	1850.000	.000	.000	.000
GR	210.000	4536.000	200.000	4596.000	190.000	4676.000	180.000	4776.000	175.710	4806.000
GR	170.000	4846.000	166.600	4895.000	166.400	4905.000	165.800	4915.000	165.200	4925.000
GR	165.100	4935.000	165.400	4945.000	165.300	4955.000	165.100	4965.000	164.100	4975.000
GR	163.500	4989.000	160.000	4993.000	158.500	4994.000	158.400	4996.000	158.600	5001.000
GR	158.900	5006.000	159.100	5011.000	160.000	5017.000	164.500	5023.000	164.700	5033.000
GR	164.600	5040.000	165.740	5056.000	170.000	5116.000	172.000	5156.000	179.500	5306.000
GR	180.000	5316.000	190.000	5391.000	200.000	5501.000	210.000	5591.000	.000	.000
NH	7.000	1.000	4453.000	.360	4758.000	.230	4991.000	.055	5025.000	.220
NH	5103.000	.350	5358.000	1.000	5718.000	.000	.000	.000	.000	.000

Cross Section M

X1	19000.000	33.000	4991.000	5025.000	1180.000	1180.000	1180.000	.000	.000	.000
GR	220.000	4233.000	210.000	4373.000	200.000	4453.000	190.000	4548.000	180.000	4658.000
GR	175.280	4758.000	168.710	4897.000	168.510	4907.000	167.910	4917.000	167.310	4927.000
GR	167.210	4937.000	167.510	4947.000	167.410	4957.000	167.210	4967.000	166.210	4977.000
GR	165.610	4991.000	162.110	4995.000	160.610	4996.000	160.510	4998.000	160.710	5003.000
GR	161.010	5008.000	161.210	5013.000	162.110	5019.000	166.610	5025.000	166.810	5035.000
GR	166.710	5042.000	170.000	5103.000	180.000	5203.000	190.000	5278.000	195.520	5358.000
GR	200.000	5423.000	210.000	5568.000	220.000	5718.000	.000	.000	.000	.000

NH	7,000	1,000	4463.000	.360	4763.000	4996.000	.230	4996.000	.055	5030.000	.220
NH	5113.000	.350	5363.000	1.000	5638.000	.000	.000	.000	.000	.000	.000
X1	19500.000	34.000	4996.000	5030.000	425.000	500.000	410.000	500.000	.000	.000	.000
GR	210.000	3883.000	200.000	3983.000	190.000	180.000	4063.000	180.000	4263.000	176.490	4463.000
GR	171.230	4763.000	170.000	4833.000	169.600	169.400	4902.000	169.400	4912.000	168.800	4922.000
GR	168.200	4932.000	168.100	4942.000	168.400	168.300	4952.000	168.300	4962.000	168.100	4972.000
GR	167.100	4982.000	166.500	4996.000	163.000	163.000	5000.000	161.500	5001.000	161.400	5003.000
GR	161.600	5008.000	161.900	5013.000	162.100	163.000	5018.000	163.000	5024.000	167.500	5030.000
GR	167.700	5040.000	167.600	5047.000	170.000	170.000	5093.000	172.860	5113.000	180.000	5163.000
GR	190.000	5243.000	194.290	5363.000	200.000	200.000	5523.000	210.000	5638.000	.000	.000
NH	6,000	1,000	4395.000	.360	4645.000	.230	4982.000	.055	5008.000	.220	
NH	5145.000	.350	5235.000	1.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	8.410

Cross Section H

X1	20510.000	27.000	4982.000	5008.000	1120.000	1065.000	1010.000	.000	.000	.000	.000
GR	200.000	4100.000	190.000	4300.000	185.780	4395.000	180.000	175.610	4525.000	175.610	4645.000
GR	166.210	4902.000	165.910	4912.000	166.510	166.310	4922.000	166.010	4932.000	166.010	4942.000
GR	165.910	4952.000	165.910	4962.000	166.210	166.210	4982.000	164.710	4983.000	163.210	4986.000
GR	163.410	4990.000	163.310	4995.000	163.510	163.510	5000.000	164.710	5007.000	166.910	5008.000
GR	167.410	5018.000	167.210	5028.000	167.810	167.810	5038.000	167.810	5045.000	180.000	5070.000
GR	190.000	5145.000	200.000	5235.000	.000	.000	.000	.000	.000	.000	.000
NH	7,000	1,000	4507.000	.360	4807.000	.230	4994.000	.055	5020.000	.200	
NH	5207.000	.350	5407.000	1.000	5637.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	5.410

Cross Section O

X1	22010.000	31.000	4994.000	5020.000	1450.000	1515.000	1500.000	.000	.000	.000	.000
GR	210.000	3757.000	200.000	4397.000	195.220	4507.000	190.000	183.330	4627.000	183.330	4807.000
GR	180.000	4897.000	168.890	4914.000	168.590	4924.000	169.190	168.990	4934.000	168.990	4944.000
GR	168.690	4954.000	168.590	4964.000	168.890	168.890	4974.000	167.390	4994.000	167.390	4995.000
GR	165.890	4998.000	166.090	5002.000	165.990	165.990	5007.000	166.190	5012.000	167.390	5019.000
GR	169.590	5020.000	170.090	5030.000	169.890	169.890	5040.000	170.490	5050.000	170.490	5057.000
GR	178.000	5207.000	180.000	5247.000	189.410	189.410	5407.000	190.000	5417.000	200.000	5557.000
GR	210.000	5637.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	7,000	1,000	4550.010	.350	4850.000	.230	4985.000	.051	5015.000	.200	
NH	5300.000	.350	5800.000	1.000	6680.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	3.410
X1	22843.000	44.000	4985.000	5015.000	843.540	828.540	833.540	.000	.000	.000	.000
GR	219.650	4140.000	209.650	4540.000	209.020	4550.010	199.650	183.180	4700.000	183.180	4777.000
GR	182.510	4800.000	181.730	4827.000	181.150	4850.000	180.900	180.480	4860.000	180.480	4877.000
GR	175.580	4927.000	173.460	4977.000	173.460	4977.010	173.460	173.460	4978.490	173.460	4978.500
GR	173.450	4978.510	171.730	4985.000	169.350	4990.000	169.050	169.050	4992.010	169.050	4992.010
GR	168.980	4992.500	168.800	4993.000	168.800	4993.010	167.380	167.620	4997.000	167.620	5000.000
GR	168.140	5006.500	168.140	5006.510	168.180	5007.000	168.230	168.230	5007.500	168.230	5007.510
GR	171.030	5015.000	175.380	5073.000	178.830	5123.000	179.880	181.230	5173.000	181.230	5223.000
GR	183.410	5300.000	183.980	5320.000	189.650	5520.000	197.020	199.650	5800.000	199.650	5900.000
GR	209.650	6080.000	219.650	6260.000	229.650	6500.000	239.650	239.650	6680.000	239.650	6860.000

NH	4.000	.360	4900.000	.230	5000.500	.051	5437.000	.200	6122.500	.000
X1	23316.000	17.000	5000.500	5437.000	40.000	40.000	40.000	.000	.000	.000
GR	210.000	4702.500	200.000	4812.500	190.000	4872.500	187.010	4900.000	183.170	4950.000
GR	181.060	5000.500	168.300	5013.000	167.930	5015.500	166.330	5020.000	167.130	5030.000
GR	168.580	5044.500	168.000	5424.000	181.000	5437.000	180.000	5472.500	190.000	5782.500
GR	200.000	6002.500	210.000	6122.500	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.000	4191.000	.350	4541.000	.230	4978.000	.051	5004.000	.200
NH	5141.000	.350	5591.000	1.000	5786.000	.000	.000	.000	.000	.000

Cross Section P

X1	24090.000	33.000	4978.000	5004.000	688.500	628.500	773.500	.000	.000	.000
GR	220.000	4121.000	215.000	4191.000	210.000	4261.000	200.000	4381.000	190.000	4461.000
GR	183.330	4541.000	180.000	4581.000	172.440	4898.000	172.140	4908.000	172.740	4918.000
GR	172.540	4928.000	172.240	4938.000	172.140	4948.000	172.140	4958.000	172.440	4978.000
GR	170.940	4979.000	169.440	4982.000	169.640	4986.000	169.540	4991.000	169.740	4996.000
GR	170.940	5003.000	173.140	5004.000	173.640	5014.000	173.440	5024.000	174.040	5034.000
GR	174.040	5040.990	180.000	5041.000	188.000	5141.000	190.000	5166.000	200.000	5506.000
GR	206.070	5591.000	210.000	5646.000	220.000	5786.000	.000	.000	.000	.000
NH	7.000	1.000	4461.000	.350	4811.000	.230	4988.000	.051	5014.000	.200
NH	5211.000	.350	5611.000	1.000	5686.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	10.410

Cross Section Q

X1	25280.000	35.000	4988.000	5014.000	1100.000	1050.000	1190.000	.000	.000	.000
GR	230.000	4231.000	220.000	4381.000	215.430	4461.000	210.000	4556.000	200.000	4736.000
GR	190.000	4796.000	188.120	4811.000	180.000	4876.000	174.370	4908.000	174.070	4918.000
GR	174.670	4928.000	174.470	4938.000	174.170	4948.000	174.070	4958.000	174.070	4968.000
GR	174.370	4988.000	172.870	4989.000	171.370	4992.000	171.570	4996.000	171.470	5001.000
GR	171.670	5006.000	172.870	5013.000	175.070	5014.000	175.570	5024.000	175.370	5034.000
GR	175.970	5044.000	175.970	5051.000	180.000	5171.000	184.210	5211.000	190.000	5266.000
GR	200.000	5406.000	210.000	5516.000	220.000	5591.000	222.110	5611.000	230.000	5686.000
NH	6.000	1.000	4517.000	.350	4667.000	.230	4984.000	.051	5010.000	.200
NH	5192.000	.350	5257.000	.000	.000	.000	.000	.000	.000	.000

Cross Section R

X1	26200.000	30.000	4984.000	5010.000	940.000	945.000	920.000	.000	.000	.000
GR	220.000	3897.000	210.000	4047.000	200.000	4272.000	195.330	4517.000	192.480	4667.000
GR	190.000	4797.000	175.860	4904.000	175.560	4914.000	176.160	4924.000	175.960	4934.000
GR	175.660	4944.000	175.560	4954.000	175.560	4964.000	175.860	4984.000	174.360	4985.000
GR	172.860	4988.000	173.060	4992.000	172.960	4997.000	173.160	5002.000	174.360	5009.000
GR	176.560	5010.000	177.060	5020.000	176.860	5030.000	177.460	5040.000	177.460	5047.000
GR	190.000	5072.000	200.000	5117.000	210.000	5177.000	211.880	5192.000	220.000	5257.000

NH	5.000	1.000	4600.000	.330	4989.000	.051	5011.010	.290	5300.000	1.000
NH	5980.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	9.000	465.000	840.000	1200.000	1815.000	2410.000	3060.000	6885.000	5320.000	3060.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	5.410
X1	27616.000	41.000	4989.000	5011.010	1411.040	1441.040	1416.040	.000	.000	.000
GR	219.680	3650.000	209.680	4100.000	199.680	4440.000	194.010	4600.000	187.660	4779.000
GR	186.860	4829.000	184.860	4879.000	184.460	4929.000	177.760	4978.980	177.760	4978.990
GR	177.760	4979.010	177.370	4989.000	177.370	4989.010	177.360	4989.250	177.310	4989.500
GR	175.800	4992.000	175.260	4999.500	175.260	4999.510	175.160	5000.000	175.350	5000.500
GR	175.360	5000.510	175.700	5004.000	179.170	5010.510	179.260	5010.750	179.240	5011.000
GR	179.240	5011.010	178.460	5020.970	178.460	5020.980	178.460	5020.990	178.460	5021.000
GR	188.510	5071.000	188.660	5121.000	189.160	5171.000	190.060	5221.000	196.450	5300.000
GR	199.680	5340.000	209.680	5500.000	219.680	5680.000	229.680	5780.000	239.680	5900.000
GR	249.680	5980.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	1.000	4600.000	.330	4979.010	.051	5021.000	.290	5300.000	1.000
NH	5980.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	4.410
X1	27784.000	41.000	4979.010	5021.000	167.960	167.960	167.960	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	187.300	187.300	.000
GR	220.000	3650.000	210.000	4100.000	200.000	4440.000	194.330	4600.000	187.980	4779.000
GR	187.180	4829.000	185.180	4879.000	184.780	4929.000	178.080	4978.980	178.080	4978.990
GR	178.080	4979.010	177.690	4989.000	177.690	4989.010	177.680	4989.250	177.630	4989.500
GR	177.630	4989.510	175.580	4999.500	175.580	4999.510	175.480	5000.000	175.670	5000.500
GR	175.680	5000.510	179.480	5010.500	179.490	5010.510	179.580	5010.750	179.560	5011.000
GR	179.560	5011.010	178.780	5020.970	178.780	5020.980	178.780	5020.990	178.780	5021.000
GR	188.830	5071.000	188.980	5121.000	189.480	5171.000	190.380	5221.000	196.770	5300.000
GR	200.000	5340.000	210.000	5500.000	220.000	5680.000	230.000	5780.000	240.000	5900.000
GR	250.000	5980.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	1.000	4600.000	.330	4978.990	.051	5021.000	.290	5300.000	1.000
NH	5980.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
SB	1.250	1.760	2.700	.000	30.000	2.000	276.000	.214	175.480	175.480

US 401

X1	27836.000	41.000	4978.990	5021.000	52.000	52.000	52.000	.000	.000	.000
X2	.000	.000	1.000	184.690	188.620	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	188.620	188.830	.000
BT	-41.000	3650.000	220.000	220.000	4100.000	210.000	210.000	4440.000	200.000	200.000
BT	.000	4600.000	194.330	194.330	4779.000	188.980	187.980	4829.000	188.880	187.180
BT	.000	4879.000	188.620	185.180	4929.000	188.660	184.780	4978.980	189.100	178.080
BT	.000	4978.990	189.100	178.080	4979.010	189.100	184.710	4989.000	189.100	184.710
BT	.000	4989.010	189.100	177.690	4989.250	189.100	177.680	4989.500	189.090	177.630
BT	.000	4989.510	189.090	184.700	4999.500	189.090	184.700	4999.510	189.090	175.580
BT	.000	5000.000	189.090	175.480	5000.500	189.090	175.670	5000.510	189.090	184.700
BT	.000	5010.500	189.080	184.690	5010.510	189.080	179.490	5010.750	189.080	179.580
BT	.000	5011.000	189.080	179.560	5011.010	189.080	184.690	5020.970	189.080	184.690
BT	.000	5020.980	189.080	184.690	5020.990	189.080	184.690	5021.000	189.080	178.780
BT	.000	5071.000	188.830	188.830	5121.000	188.980	188.980	5171.000	189.480	189.480
BT	.000	5221.000	190.380	190.380	5300.000	196.770	196.770	5340.000	200.000	200.000
BT	.000	5500.000	210.000	210.000	5680.000	220.000	220.000	5780.000	230.000	230.000

BT	.000	5900.000	240.000	240.000	5980.000	250.000	250.000	.000	.000	.000
GR	220.000	3650.000	210.000	4100.000	200.000	4440.000	194.330	4600.000	187.980	4779.000
GR	187.180	4829.000	185.180	4879.000	184.780	4929.000	178.080	4978.980	178.080	4978.990
GR	178.080	4979.010	177.690	4989.000	177.690	4989.010	177.680	4989.250	177.630	4989.500
GR	177.630	4989.510	175.580	4999.500	175.580	4999.510	175.480	5000.000	175.670	5000.500
GR	175.680	5000.510	179.480	5010.500	179.490	5010.510	179.580	5010.750	179.560	5011.000
GR	179.560	5011.010	178.780	5020.970	178.780	5020.980	178.780	5020.990	178.780	5021.000
GR	188.830	5071.000	188.980	5121.000	189.480	5171.000	190.380	5221.000	196.770	5300.000
GR	200.000	5340.000	210.000	5500.000	220.000	5680.000	230.000	5780.000	240.000	5900.000
GR	250.000	5980.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	1.000	4600.000	.330	4989.000	.051	5011.010	.290	5300.000	1.000
NH	5980.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	5.410
X1	27877.000	41.000	4989.000	5011.010	41.990	41.990	41.990	.000	.000	.000
GR	220.140	3650.000	210.140	4100.000	200.140	4440.000	194.470	4600.000	188.120	4779.000
GR	187.320	4829.000	185.320	4879.000	184.920	4929.000	178.220	4978.980	178.220	4978.990
GR	178.220	4979.010	177.830	4989.000	177.830	4989.010	177.820	4989.250	177.770	4989.500
GR	176.200	4992.000	175.720	4999.500	175.720	4999.510	175.620	5000.000	175.810	5000.500
GR	175.820	5000.510	176.100	5004.000	179.630	5010.510	179.720	5010.750	179.700	5011.000
GR	179.700	5011.010	178.920	5020.970	178.920	5020.980	178.920	5020.990	178.920	5021.000
GR	188.970	5071.000	189.120	5121.000	189.620	5171.000	190.520	5221.000	196.910	5300.000
GR	200.140	5340.000	210.140	5500.000	220.140	5680.000	230.140	5780.000	240.140	5900.000
GR	250.140	5980.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	5.000	1.000	4550.000	.330	4987.000	.053	5013.000	.290	5350.000	1.000
NH	6105.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Cross Section S

X1	28060.000	31.000	4987.000	5013.000	239.010	229.010	182.010	.000	.000	.000
GR	220.000	3800.000	210.000	4250.000	200.000	4550.000	190.000	4840.000	179.010	4907.000
GR	178.710	4917.000	179.310	4927.000	179.110	4937.000	178.810	4947.000	178.710	4957.000
GR	178.710	4967.000	179.010	4987.000	177.510	4988.000	176.010	4991.000	176.210	4995.000
GR	176.110	5000.000	176.310	5005.000	177.510	5012.000	179.710	5013.000	180.210	5023.000
GR	180.010	5033.000	180.610	5043.000	180.610	5050.000	190.000	5190.000	198.890	5350.000
GR	200.000	5370.000	210.000	5520.000	220.000	5670.000	230.000	5895.000	240.000	6005.000
GR	250.000	6105.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	6.000	1.000	4400.000	.250	4650.000	.180	4989.000	.053	5011.000	.250
NH	5400.000	.350	5605.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	10.410

Cross Section T

X1	30080.000	33.000	4989.000	5011.000	1870.000	2245.000	2020.000	.000	.000	.000
GR	220.000	4300.000	211.300	4400.000	210.000	4415.000	200.000	4540.000	195.000	4650.000
GR	190.000	4760.000	184.680	4908.000	185.080	4918.000	184.680	4928.000	185.480	4935.000
GR	184.680	4942.000	185.280	4948.000	184.680	4958.000	184.580	4968.000	183.780	4978.000
GR	183.980	4989.000	182.980	4992.000	180.580	4994.000	180.280	4995.000	180.980	4998.000
GR	181.280	5003.000	183.980	5008.000	185.180	5011.000	185.480	5018.000	185.980	5028.000
GR	184.680	5038.000	185.380	5048.000	184.380	5058.000	184.380	5068.000	184.880	5078.000
GR	190.000	5215.000	194.740	5400.000	200.000	5605.000	.000	.000	.000	.000

NH	7.000	1.000	4206.000	.250	4556.000	.180	4995.000	.053	5017.000	.220
NH	5201.000	.350	5656.000	1.000	6316.000	.000	.000	.000	.000	.000

Cross Section U

X1	31900.000	42.000	4995.000	5017.000	1915.000	1735.000	1820.000	.000	3696.000	200.000	3846.000
GR	240.000	3281.000	230.000	3381.000	220.000	3456.000	210.000	.000	4206.000	200.000	4556.000
GR	200.000	3971.000	200.000	4151.000	200.000	4206.000	200.000	.000	4391.000	194.310	4556.000
GR	190.000	4681.000	188.470	4914.000	188.870	4924.000	188.470	.000	4934.000	189.270	4941.000
GR	188.470	4948.000	189.070	4954.000	188.470	4964.000	188.370	.000	4974.000	187.570	4984.000
GR	187.770	4995.000	186.770	4998.000	184.370	5000.000	184.070	.000	5001.000	184.770	5004.000
GR	185.070	5009.000	187.770	5014.000	188.970	5017.000	189.270	.000	5024.000	189.770	5034.000
GR	188.470	5044.000	189.170	5054.000	188.170	5064.000	188.170	.000	5074.000	188.670	5084.000
GR	190.000	5201.000	200.000	5311.000	210.000	5401.000	213.440	.000	5456.000	220.000	5561.000
GR	230.000	5691.000	240.000	6316.000	.000	.000	.000	.000	.000	.000	.000

NH	7.000	1.000	4182.000	.250	4542.000	.180	4972.000	.053	5002.000	.220	
NH	5187.000	.350	5437.000	1.000	5747.000	.000	.000	.000	.000	.000	
X1	32480.000	34.000	4972.000	5002.000	550.000	650.000	580.000	.000	4182.000	195.000	4272.000
GR	230.000	3797.000	220.000	3947.000	210.000	4042.000	200.000	.000	4907.000	192.100	4942.000
GR	200.000	4362.000	205.000	4452.000	200.000	4542.000	190.000	.000	4978.000	185.600	4980.000
GR	192.000	4952.000	191.900	4972.000	190.100	4974.000	185.500	.000	4978.000	185.600	4980.000
GR	185.300	4982.000	188.000	4988.000	188.800	4994.000	190.100	.000	5000.000	192.200	5002.000
GR	191.800	5012.000	191.200	5022.000	190.700	5027.000	192.200	.000	5037.000	191.800	5047.000
GR	192.700	5057.000	192.500	5066.990	190.000	5067.000	195.850	.000	5187.000	200.000	5272.000
GR	210.000	5412.000	212.000	5437.000	220.000	5537.000	230.000	.000	5747.000	.000	.000
NH	7.000	1.000	4300.000	.250	4600.000	.180	4985.000	.053	5015.000	.220	
NH	5250.000	.350	5600.000	1.000	5940.000	.000	.000	.000	.000	.000	
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	8.410	

Cross Section V

X1	33140.000	32.000	4985.000	5015.000	700.000	600.000	660.000	.000	4375.000	210.000	4525.000
GR	240.000	3610.000	230.000	3735.000	221.170	4300.000	220.000	.000	4965.000	193.290	4985.000
GR	205.160	4600.000	200.000	4680.000	193.490	4955.000	193.390	.000	4995.000	189.390	5001.000
GR	191.490	4987.000	185.890	4991.000	186.990	4993.000	186.690	.000	4995.000	189.390	5001.000
GR	190.190	5007.000	191.490	5013.000	193.590	5015.000	193.190	.000	5025.000	192.590	5035.000
GR	192.090	5040.000	193.590	5050.000	193.190	5060.000	194.090	.000	5070.000	193.890	5080.000
GR	200.000	5240.000	200.800	5250.000	210.000	5365.000	220.000	.000	5440.000	229.140	5600.000
GR	230.000	5615.000	240.000	5940.000	.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4547.000	.250	4747.000	.180	4982.000	.053	5012.000	.220	
NH	5297.000	.350	5597.000	1.000	6652.000	.000	.000	.000	.000	.000	
X1	34030.000	33.000	4982.000	5012.000	870.000	825.000	890.000	.000	4547.000	220.000	4617.000
GR	250.000	4182.000	240.000	4302.000	230.000	4407.000	223.330	.000	4952.000	195.280	4962.000
GR	210.000	4672.000	200.000	4732.000	199.680	4747.000	195.380	.000	4990.000	188.580	4992.000
GR	195.180	4982.000	193.380	4984.000	188.780	4988.000	188.880	.000	4990.000	188.580	4992.000
GR	191.280	4998.000	192.080	5004.000	193.380	5010.000	195.480	.000	5012.000	195.080	5022.000
GR	194.480	5032.000	193.980	5037.000	195.480	5047.000	195.080	.000	5057.000	195.980	5067.000
GR	195.780	5077.000	193.350	5297.000	200.000	5337.000	203.380	.000	5597.000	210.000	6107.000
GR	220.000	6352.000	230.000	6517.000	240.000	6652.000	.000	.000	.000	.000	.000

THIS RUN EXECUTED 03-26-87 15:18:10

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

PUPPY CREEK

SUMMARY PRINTOUT TABLE 150

SECD	XLCH	ELTRD	ELLC	ELHIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	.01K
500.000	.00	.00	.00	132.09	1390.00	139.67	.00	139.85	29.49	4.47	1350.75	255.95
500.000	.00	.00	.00	132.09	2760.00	141.85	.00	142.08	29.26	5.48	2306.46	510.22
500.000	.00	.00	.00	132.09	3480.00	142.76	.00	143.02	29.60	5.92	2739.94	639.66
500.000	.00	.00	.00	132.09	5955.00	145.45	.00	145.77	29.44	7.02	4131.86	1097.48
886.540	386.54	.00	.00	133.24	1390.00	141.13	.00	141.65	71.85	6.13	451.91	163.99
886.540	386.54	.00	.00	133.24	2760.00	143.19	.00	143.83	65.39	7.36	998.33	341.32
886.540	386.54	.00	.00	133.24	3480.00	144.07	.00	144.76	62.84	7.81	1257.69	438.99
886.540	386.54	.00	.00	133.24	5955.00	146.65	.00	147.43	55.49	8.86	2112.20	799.41
1048.500	161.96	.00	.00	133.76	1390.00	142.19	.00	142.79	64.81	6.73	223.03	172.66
1048.500	161.96	.00	.00	133.76	2760.00	144.27	.00	144.76	47.12	6.58	1161.94	402.06
1048.500	161.96	.00	.00	133.76	3480.00	145.13	.00	145.68	47.57	7.10	1422.07	504.54
1048.500	161.96	.00	.00	133.76	5955.00	147.60	.00	148.28	46.56	8.34	2280.39	872.69
1071.500	24.00	144.06	142.32	133.76	1390.00	142.71	.00	143.26	50.91	5.98	232.59	194.82
1071.500	24.00	144.06	142.32	133.76	2760.00	145.54	.00	145.85	25.62	5.45	1550.79	545.28
1071.500	24.00	144.06	142.32	133.76	3480.00	146.08	.00	146.49	31.62	6.29	1727.16	618.82
1071.500	24.00	144.06	142.32	133.76	5955.00	147.63	.00	148.33	48.33	8.59	2289.21	856.56
1111.900	40.49	.00	.00	133.83	1390.00	143.29	.00	143.50	22.48	4.12	861.97	293.19
1111.900	40.49	.00	.00	133.83	2760.00	145.66	.00	145.96	23.87	5.21	1568.32	564.97
1111.900	40.49	.00	.00	133.83	3480.00	146.24	.00	146.62	29.05	6.00	1756.43	645.69
1111.900	40.49	.00	.00	133.83	5955.00	147.90	.00	148.53	42.64	8.09	2369.61	911.98
1370.000	258.01	.00	.00	134.15	1390.00	143.73	.00	143.80	8.00	2.84	1548.89	491.56
1370.000	258.01	.00	.00	134.15	2760.00	146.19	.00	146.31	10.00	3.79	2525.89	873.00
1370.000	258.01	.00	.00	134.15	3480.00	146.90	.00	147.04	12.02	4.33	2842.91	1003.66
1370.000	258.01	.00	.00	134.15	5955.00	148.91	.00	149.15	17.39	5.81	3833.63	1428.02
2600.000	1230.00	.00	.00	135.71	1390.00	144.99	.00	145.15	15.95	4.01	886.84	348.04
2600.000	1230.00	.00	.00	135.71	2760.00	147.71	.00	147.97	19.23	5.32	1475.79	629.38
2600.000	1230.00	.00	.00	135.71	3480.00	148.67	.00	148.98	21.37	5.93	1741.43	752.85
2600.000	1230.00	.00	.00	135.71	5955.00	151.28	.00	151.72	25.74	7.42	2622.24	1173.84

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K'S	VCH	AREA	.01K
4210.000	1610.00	.00	.00	137.75	1390.00	147.20	.00	147.32	11.61	3.40	1214.21	407.98
4210.000	1610.00	.00	.00	137.75	2760.00	150.10	.00	150.23	10.85	4.03	2312.49	837.93
4210.000	1610.00	.00	.00	137.75	3480.00	151.22	.00	151.36	11.00	4.32	2773.46	1049.08
4210.000	1610.00	.00	.00	137.75	5955.00	154.22	.00	154.40	11.82	5.19	4173.59	1732.37
4635.000	425.00	.00	.00	138.29	1390.00	147.70	.00	147.84	13.49	3.66	1016.49	378.50
4635.000	425.00	.00	.00	138.29	2760.00	150.57	.00	150.74	13.15	4.42	1971.06	760.99
4635.000	425.00	.00	.00	138.29	3480.00	151.69	.00	151.87	13.27	4.73	2403.67	955.43
4635.000	425.00	.00	.00	138.29	5955.00	154.72	.00	154.94	13.87	5.61	3692.38	1598.70
6230.000	1595.00	.00	.00	140.30	1390.00	150.14	.00	150.31	17.90	4.15	905.78	328.58
6230.000	1595.00	.00	.00	140.30	2760.00	152.99	.00	153.20	18.23	5.06	1657.48	646.35
6230.000	1595.00	.00	.00	140.30	3480.00	154.13	.00	154.35	18.35	5.40	2027.92	812.42
6230.000	1595.00	.00	.00	140.30	5955.00	157.22	.00	157.47	18.33	6.24	3245.14	1390.85
7320.000	1090.00	.00	.00	141.68	1390.00	152.13	.00	152.36	19.21	4.29	687.77	317.12
7320.000	1090.00	.00	.00	141.68	2760.00	155.06	.00	155.39	21.11	5.51	1230.14	600.66
7320.000	1090.00	.00	.00	141.68	3480.00	156.22	.00	156.59	21.79	5.98	1494.27	745.49
7320.000	1090.00	.00	.00	141.68	5955.00	159.33	.00	159.81	23.34	7.20	2390.44	1232.52
8680.000	1360.00	.00	.00	143.41	1390.00	154.00	.00	154.15	9.56	3.26	807.82	449.54
8680.000	1360.00	.00	.00	143.41	2760.00	157.17	.00	157.38	10.86	4.26	1501.28	837.67
8680.000	1360.00	.00	.00	143.41	3480.00	158.41	.00	158.66	11.33	4.65	1831.02	1034.08
8680.000	1360.00	.00	.00	143.41	5955.00	161.73	.00	162.05	12.18	5.64	2895.89	1692.43
10080.000	1400.00	.00	.00	145.18	1330.00	155.41	.00	155.54	10.59	3.31	874.44	408.74
10080.000	1400.00	.00	.00	145.18	2650.00	158.62	.00	158.74	8.85	3.72	2050.00	890.77
10080.000	1400.00	.00	.00	145.18	3350.00	159.89	.00	160.02	8.49	3.90	2672.74	1149.57
10080.000	1400.00	.00	.00	145.18	5760.00	163.26	.00	163.38	7.59	4.29	4711.07	2091.33
10927.000	847.04	.00	.00	146.25	1330.00	156.53	.00	156.73	18.52	3.60	369.91	309.06
10927.000	847.04	.00	.00	146.25	2650.00	159.52	.00	159.74	15.38	3.98	1083.14	675.70
10927.000	847.04	.00	.00	146.25	3350.00	160.72	.00	160.93	13.15	4.06	1482.09	923.64
10927.000	847.04	.00	.00	146.25	5760.00	163.93	.00	164.15	10.05	4.36	2915.90	1816.85
11235.000	307.96	.00	.00	146.66	1330.00	157.09	.00	157.28	17.20	3.50	379.79	320.66
11235.000	307.96	.00	.00	146.66	2650.00	160.00	.00	160.31	18.88	4.44	596.97	609.96
11235.000	307.96	.00	.00	146.66	3350.00	161.12	.00	161.34	13.46	4.10	1410.83	913.03
11235.000	307.96	.00	.00	146.66	5760.00	164.25	.00	164.46	10.42	4.41	2861.97	1784.08
11265.000	30.00	161.46	159.09	146.66	1330.00	157.10	.00	157.29	17.11	3.50	380.49	321.49
11265.000	30.00	161.46	159.09	146.66	2650.00	160.41	.00	160.70	15.69	4.31	615.17	668.98
11265.000	30.00	161.46	159.09	146.66	3350.00	161.98	.00	162.15	9.14	3.68	1668.24	1108.15
11265.000	30.00	161.46	159.09	146.66	5760.00	164.48	.00	164.69	9.69	4.39	2991.40	1849.98
11341.000	76.99	.00	.00	146.82	1330.00	157.23	.00	157.42	17.34	3.51	378.69	319.36
11341.000	76.99	.00	.00	146.82	2650.00	160.66	.00	160.84	11.29	3.58	1269.83	788.51
11341.000	76.99	.00	.00	146.82	3350.00	162.07	.00	162.23	9.15	3.58	1754.84	1107.28
11341.000	76.99	.00	.00	146.82	5760.00	164.56	.00	164.77	9.85	4.33	2945.49	1834.91

SECTO	XLCH	ELTRD	ELLC	ELMIN	Q	CNSEL	CRIMS	EG	10K*S	VCH	AREA	.01K
11860.000	518.01	.00	.00	147.75	1330.00	157.96	.00	158.10	10.13	3.41	997.03	417.96
11860.000	518.01	.00	.00	147.75	2650.00	161.20	.00	161.32	7.87	3.71	2403.78	944.54
11860.000	518.01	.00	.00	147.75	3350.00	162.53	.00	162.64	7.19	3.80	3184.65	1249.54
11860.000	518.01	.00	.00	147.75	5760.00	165.09	.00	165.24	8.44	4.63	5026.50	1982.65
12060.000	200.00	.00	.00	148.11	1330.00	158.16	.00	158.31	11.01	3.51	950.71	400.75
12060.000	200.00	.00	.00	148.11	2650.00	161.34	.00	161.48	8.55	3.82	2237.58	906.05
12060.000	200.00	.00	.00	148.11	3350.00	162.66	.00	162.78	7.87	3.93	2891.83	1194.27
12060.000	200.00	.00	.00	148.11	5760.00	165.24	.00	165.41	9.37	4.84	4345.68	1881.81
13110.000	1050.00	.00	.00	149.98	1330.00	159.46	.00	159.70	17.04	4.17	655.23	322.20
13110.000	1050.00	.00	.00	149.98	2650.00	162.38	.00	162.68	17.36	5.18	1348.24	635.96
13110.000	1050.00	.00	.00	149.98	3350.00	163.60	.00	163.93	17.25	5.54	1703.30	806.65
13110.000	1050.00	.00	.00	149.98	5760.00	166.31	.00	166.77	20.37	6.89	2614.22	1276.07
14250.000	1140.00	.00	.00	152.02	1330.00	161.42	.00	161.64	16.76	4.11	758.34	324.85
14250.000	1140.00	.00	.00	152.02	2650.00	164.31	.00	164.54	14.80	4.75	1787.92	688.87
14250.000	1140.00	.00	.00	152.02	3350.00	165.50	.00	165.73	13.87	4.93	2339.13	899.47
14250.000	1140.00	.00	.00	152.02	5760.00	168.45	.00	168.70	13.51	5.63	3864.21	1567.24
15970.000	1720.00	.00	.00	155.10	1330.00	164.41	.00	164.64	18.15	4.24	637.73	312.22
15970.000	1720.00	.00	.00	155.10	2650.00	167.10	.00	167.40	18.51	5.21	1397.59	615.93
15970.000	1720.00	.00	.00	155.10	3350.00	168.17	.00	168.49	18.30	5.54	1797.51	783.16
15970.000	1720.00	.00	.00	155.10	5760.00	171.04	.00	171.37	17.67	6.30	3111.14	1370.26
17820.000	1850.00	.00	.00	158.40	1260.00	167.65	.00	167.87	16.74	4.06	619.36	307.93
17820.000	1850.00	.00	.00	158.40	2525.00	170.42	.00	170.70	17.16	5.03	1290.38	609.54
17820.000	1850.00	.00	.00	158.40	3200.00	171.49	.00	171.80	17.53	5.42	1607.28	764.23
17820.000	1850.00	.00	.00	158.40	5530.00	174.36	.00	174.74	18.58	6.46	2606.62	1282.91
19000.000	1180.00	.00	.00	160.51	1260.00	169.68	.00	169.91	17.71	4.14	625.51	299.40
19000.000	1180.00	.00	.00	160.51	2525.00	172.46	.00	172.74	17.39	5.04	1366.35	605.52
19000.000	1180.00	.00	.00	160.51	3200.00	173.56	.00	173.87	17.51	5.41	1728.19	764.81
19000.000	1180.00	.00	.00	160.51	5530.00	176.52	.00	176.89	17.82	6.35	2883.78	1309.86
19500.000	500.00	.00	.00	161.40	1260.00	170.55	.00	170.77	17.55	4.11	671.31	300.75
19500.000	500.00	.00	.00	161.40	2525.00	173.29	.00	173.52	15.27	4.71	1722.55	646.11
19500.000	500.00	.00	.00	161.40	3200.00	174.40	.00	174.63	14.56	4.91	2283.44	838.67
19500.000	500.00	.00	.00	161.40	5530.00	177.38	.00	177.61	13.24	5.46	4178.68	1519.82
20510.000	1010.00	.00	.00	163.21	1260.00	172.00	.00	172.08	9.36	3.15	1329.94	411.90
20510.000	1010.00	.00	.00	163.21	2525.00	174.73	.00	174.84	10.35	4.01	2284.63	785.02
20510.000	1010.00	.00	.00	163.21	3200.00	175.82	.00	175.95	10.74	4.33	2729.83	976.34
20510.000	1010.00	.00	.00	163.21	5530.00	178.76	.00	178.92	11.35	5.17	4096.22	1641.27
22010.000	1500.00	.00	.00	165.89	1260.00	173.82	.00	173.98	17.99	4.05	861.51	297.05
22010.000	1500.00	.00	.00	165.89	2525.00	176.63	.00	176.84	17.62	4.98	1556.34	601.51
22010.000	1500.00	.00	.00	165.89	3200.00	177.77	.00	178.00	17.78	5.37	1886.42	758.88
22010.000	1500.00	.00	.00	165.89	5530.00	180.77	.00	181.05	18.10	6.34	2896.07	1299.86

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CUSEL	CRIVS	EG	10K*S	VCH	AREA	.0IK
22843.000	833.54	.00	.00	167.38	1260.00	175.57	.00	176.01	31.14	5.60	413.19	225.79
22843.000	833.54	.00	.00	167.38	2525.00	178.26	.00	178.82	29.59	6.84	902.57	464.18
22843.000	833.54	.00	.00	167.38	3200.00	179.38	.00	179.98	28.91	7.29	1163.57	595.13
22843.000	833.54	.00	.00	167.38	5530.00	182.33	.00	182.98	26.67	8.26	2203.16	1070.75
23027.000	183.96	.00	.00	167.73	1260.00	176.20	.00	176.48	18.24	4.25	296.82	295.03
23027.000	183.96	.00	.00	167.73	2525.00	178.97	.00	179.27	14.82	4.85	1057.98	655.98
23027.000	183.96	.00	.00	167.73	3200.00	180.09	.00	180.43	15.00	5.27	1337.19	826.32
23027.000	183.96	.00	.00	167.73	5530.00	182.98	.00	183.41	15.38	6.29	2419.10	1409.88
23052.000	25.00	178.63	177.56	167.73	1260.00	176.25	.00	176.55	18.95	4.41	285.82	289.42
23052.000	25.00	178.63	177.56	167.73	2525.00	179.89	.00	180.12	10.64	4.42	1282.46	774.24
23052.000	25.00	178.63	177.56	167.73	3200.00	180.78	.00	181.07	12.05	4.97	1545.28	921.74
23052.000	25.00	178.63	177.56	167.73	5530.00	182.96	.00	183.41	16.29	6.51	2410.23	1370.00
23098.000	45.99	.00	.00	167.83	1260.00	176.31	.00	176.69	26.20	5.28	462.86	246.15
23098.000	45.99	.00	.00	167.83	2525.00	179.89	.00	180.26	18.08	5.78	1185.10	593.88
23098.000	45.99	.00	.00	167.83	3200.00	180.77	.00	181.22	19.88	6.40	1443.54	717.71
23098.000	45.99	.00	.00	167.83	5530.00	182.97	.00	183.58	25.11	8.09	2297.46	1103.65
23253.000	155.01	.00	.00	164.50	1260.00	176.79	.00	176.92	4.94	2.80	449.89	567.12
23253.000	155.01	.00	.00	164.50	2525.00	180.19	.00	180.46	7.48	4.19	602.63	923.08
23253.000	155.01	.00	.00	164.50	3200.00	181.16	.00	181.45	7.85	4.50	1313.51	1141.84
23253.000	155.01	.00	.00	164.50	5530.00	183.45	.00	183.89	11.04	5.89	2667.01	1684.43
23276.000	23.00	181.06	175.05	166.33	1260.00	180.78	.00	180.78	.02	.24	5320.82	8083.52
23276.000	23.00	181.06	175.05	166.33	2525.00	181.71	.00	181.71	.08	.44	5818.27	9129.80
23276.000	23.00	181.06	175.05	166.33	3200.00	182.12	.00	182.12	.11	.54	6045.63	9617.44
23276.000	23.00	181.06	175.05	166.33	5530.00	183.87	.00	183.89	.22	.83	7114.46	11823.65
23316.000	40.00	.00	.00	166.33	1260.00	180.78	.00	180.78	.02	.24	5345.70	8094.04
23316.000	40.00	.00	.00	166.33	2525.00	181.71	.00	181.71	.08	.44	5820.81	9135.30
23316.000	40.00	.00	.00	166.33	3200.00	182.12	.00	182.12	.11	.54	6047.68	9621.81
23316.000	40.00	.00	.00	166.33	5530.00	183.88	.00	183.89	.22	.83	7115.04	11824.82
24090.000	773.50	.00	.00	169.44	1260.00	180.77	.00	180.80	2.06	1.91	2671.38	877.42
24090.000	773.50	.00	.00	169.44	2525.00	181.68	.00	181.75	5.56	3.31	3112.38	1070.58
24090.000	773.50	.00	.00	169.44	3200.00	182.08	.00	182.18	7.57	3.95	3315.05	1162.76
24090.000	773.50	.00	.00	169.44	5530.00	183.82	.00	183.98	11.82	5.39	4239.96	1608.23
25280.000	1190.00	.00	.00	171.37	1260.00	181.10	.00	181.17	5.48	2.79	1499.67	538.03
25280.000	1190.00	.00	.00	171.37	2525.00	182.49	.00	182.65	11.38	4.42	1953.51	748.35
25280.000	1190.00	.00	.00	171.37	3200.00	183.15	.00	183.34	13.88	5.08	2177.38	858.97
25280.000	1190.00	.00	.00	171.37	5530.00	185.36	.00	185.65	18.19	6.56	2995.56	1296.55
26200.000	920.00	.00	.00	172.86	1260.00	181.74	.00	181.86	10.03	3.54	1016.15	397.82
26200.000	920.00	.00	.00	172.86	2525.00	183.70	.00	183.95	16.92	5.29	1419.48	613.92
26200.000	920.00	.00	.00	172.86	3200.00	184.58	.00	184.89	19.49	6.00	1611.54	724.76
26200.000	920.00	.00	.00	172.86	5530.00	187.19	.00	187.69	24.96	7.82	2226.52	1106.79

SECHNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRIVS	EG	10K*S	VCH	AREA	.01K
27616.000	1416.04	.00	.00	175.16	1200.00	183.80	.00	184.27	31.89	6.04	483.51	212.51
27616.000	1416.04	.00	.00	175.16	2410.00	186.69	.00	187.40	35.01	7.87	988.2	407.28
27616.000	1416.04	.00	.00	175.16	3060.00	187.86	.00	188.66	35.46	8.51	1296.16	513.86
27616.000	1416.04	.00	.00	175.16	5320.00	190.99	.00	191.86	33.37	9.68	2664.87	920.91
27784.000	167.96	.00	.00	175.48	1200.00	184.43	.00	184.72	17.92	4.29	279.43	283.50
27784.000	167.96	.00	.00	175.48	2410.00	187.54	.00	187.88	14.95	5.06	1106.67	623.39
27784.000	167.96	.00	.00	175.48	3060.00	188.76	.00	189.15	15.11	5.51	1461.95	787.26
27784.000	167.96	.00	.00	175.48	5320.00	191.84	.00	192.33	15.46	6.57	2951.11	1352.99
27836.000	52.00	188.62	184.69	175.48	1200.00	184.68	.00	184.95	15.82	4.14	290.11	301.69
27836.000	52.00	188.62	184.69	175.48	2410.00	189.02	.00	189.24	8.53	4.20	1547.96	825.07
27836.000	52.00	188.62	184.69	175.48	3060.00	189.68	.00	189.98	10.79	4.91	1825.31	931.47
27836.000	52.00	188.62	184.69	175.48	5320.00	191.84	.00	192.33	15.46	6.57	2950.75	1353.23
27877.000	41.99	.00	.00	175.62	1200.00	184.69	.00	185.10	25.60	5.62	534.71	237.16
27877.000	41.99	.00	.00	175.62	2410.00	188.98	.00	189.38	17.14	6.14	1495.88	582.07
27877.000	41.99	.00	.00	175.62	3060.00	189.63	.00	190.16	21.59	7.13	1751.83	658.62
27877.000	41.99	.00	.00	175.62	5320.00	191.79	.00	192.56	29.55	9.25	2852.31	978.65
28060.000	182.01	.00	.00	176.01	1200.00	185.30	.00	185.42	9.73	3.46	1209.32	384.80
28060.000	182.01	.00	.00	176.01	2410.00	189.49	.00	189.63	7.66	3.99	2447.01	870.89
28060.000	182.01	.00	.00	176.01	3060.00	190.29	.00	190.47	9.54	4.64	2725.90	990.63
28060.000	182.01	.00	.00	176.01	5320.00	192.71	.00	193.01	13.91	6.25	3744.62	1426.20
30080.000	2020.00	.00	.00	180.28	1200.00	188.28	.00	188.43	25.85	4.43	974.84	236.01
30080.000	2020.00	.00	.00	180.28	2410.00	191.45	.00	191.54	11.92	3.98	2399.90	698.14
30080.000	2020.00	.00	.00	180.28	3060.00	192.47	.00	192.56	11.12	4.13	2989.02	917.49
30080.000	2020.00	.00	.00	180.28	5320.00	195.28	.00	195.37	9.72	4.53	4935.36	1706.25
31900.000	1820.00	.00	.00	184.07	1200.00	191.81	.00	191.87	14.04	3.17	1555.01	320.22
31900.000	1820.00	.00	.00	184.07	2410.00	193.69	.00	193.75	12.04	3.54	2738.89	694.56
31900.000	1820.00	.00	.00	184.07	3060.00	194.56	.00	194.62	11.17	3.66	3335.09	915.61
31900.000	1820.00	.00	.00	184.07	5320.00	197.09	.00	197.14	9.44	4.00	5235.27	1731.44
32480.000	580.00	.00	.00	185.30	1200.00	193.08	.00	193.44	59.45	5.71	599.39	155.64
32480.000	580.00	.00	.00	185.30	2410.00	194.76	.00	195.12	52.64	6.53	1245.16	332.18
32480.000	580.00	.00	.00	185.30	3060.00	195.54	.00	195.89	48.04	6.72	1602.63	441.48
32480.000	580.00	.00	.00	185.30	5320.00	197.87	.00	198.16	34.54	6.84	3011.46	905.18
33140.000	660.00	.00	.00	186.69	1200.00	195.90	.00	196.19	30.70	4.86	613.65	216.56
33140.000	660.00	.00	.00	186.69	2410.00	197.63	.00	198.02	37.04	6.27	1198.20	395.99
33140.000	660.00	.00	.00	186.69	3060.00	198.33	.00	198.75	38.88	6.78	1491.59	490.75
33140.000	660.00	.00	.00	186.69	5320.00	200.22	.00	200.70	41.11	7.95	2461.30	829.77
34030.000	890.00	.00	.00	188.58	1200.00	198.20	.00	198.40	20.83	4.18	860.63	262.94
34030.000	890.00	.00	.00	188.58	2410.00	200.16	.00	200.35	19.87	4.83	1866.83	540.62
34030.000	890.00	.00	.00	188.58	3060.00	200.91	.00	201.10	19.41	5.04	2353.75	694.51
34030.000	890.00	.00	.00	188.58	5320.00	202.89	.00	203.09	19.40	5.72	3864.15	1207.73

SECHD	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*s	VCH	AREA	.01K
34690.000	660.00	.00	.00	189.97	1200.00	199.61	.00	199.83	22.99	4.39	694.82	250.28
34690.000	660.00	.00	.00	189.97	2410.00	201.55	.00	201.84	25.68	5.49	1304.43	475.54
34690.000	660.00	.00	.00	189.97	3060.00	202.30	.00	202.62	27.23	5.97	1572.73	586.39
34690.000	660.00	.00	.00	189.97	5320.00	204.32	.00	204.72	31.07	7.26	2392.08	954.42
35980.000	1290.00	.00	.00	192.70	1200.00	202.25	.00	202.41	17.69	3.57	744.55	285.29
35980.000	1290.00	.00	.00	192.70	2410.00	204.24	.00	204.43	16.42	4.22	1758.58	594.76
35980.000	1290.00	.00	.00	192.70	3060.00	205.05	.00	205.24	16.07	4.46	2261.99	763.43
35980.000	1290.00	.00	.00	192.70	5320.00	207.19	.00	207.39	15.09	5.04	3871.96	1369.34

PUPPY CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKUS	TOPWID	XLCH
500.000	1390.00	139.67	.00	.00	-10.33	416.22	.00
500.000	2760.00	141.85	2.18	.00	-8.15	464.38	.00
500.000	3480.00	142.76	.91	.00	-7.24	486.27	.00
500.000	5955.00	145.45	2.68	.00	-4.55	551.14	.00
886.540	1390.00	141.13	.00	1.46	.00	235.39	386.54
886.540	2760.00	143.19	2.06	1.34	.00	286.02	386.54
886.540	3480.00	144.07	.88	1.31	.00	300.72	386.54
886.540	5955.00	146.65	2.58	1.21	.00	377.36	386.54
1048.500	1390.00	142.19	.00	1.06	.00	40.49	161.96
1048.500	2760.00	144.27	2.08	1.08	.00	295.38	161.96
1048.500	3480.00	145.13	.86	1.06	.00	309.68	161.96
1048.500	5955.00	147.60	2.48	.95	.00	393.54	161.96
1071.500	1390.00	142.71	.00	.52	.00	37.50	24.00
1071.500	2760.00	145.54	2.83	1.27	.00	316.51	24.00
1071.500	3480.00	146.08	.54	.96	.00	332.43	24.00
1071.500	5955.00	147.63	1.55	.02	.00	394.31	24.00
1111.900	1390.00	143.29	.00	.58	.00	277.98	40.49
1111.900	2760.00	145.66	2.38	.13	.00	317.43	40.49
1111.900	3480.00	146.24	.58	.16	.00	336.06	40.49
1111.900	5955.00	147.90	1.66	.27	.00	401.20	40.49
1370.000	1390.00	143.73	.00	.44	.00	350.33	258.01
1370.000	2760.00	146.19	2.46	.53	.00	438.22	258.01
1370.000	3480.00	146.90	.71	.66	.00	460.79	258.01
1370.000	5955.00	148.91	2.01	1.01	.00	525.11	258.01
2600.000	1390.00	144.99	.00	1.26	.00	169.85	1230.00
2600.000	2760.00	147.71	2.73	1.52	.00	262.30	1230.00
2600.000	3480.00	148.67	.95	1.77	.00	294.72	1230.00
2600.000	5955.00	151.28	2.62	2.37	.00	375.80	1230.00
4210.000	1390.00	147.20	.00	2.22	.00	355.21	1610.00
4210.000	2760.00	150.10	2.90	2.39	.00	402.05	1610.00
4210.000	3480.00	151.22	1.12	2.55	.00	424.37	1610.00
4210.000	5955.00	154.22	3.00	2.93	.00	528.94	1610.00
4635.000	1390.00	147.70	.00	.50	.00	282.36	425.00
4635.000	2760.00	150.57	2.87	.47	.00	375.83	425.00
4635.000	3480.00	151.69	1.12	.47	.00	397.09	425.00
4635.000	5955.00	154.72	3.03	.50	.00	454.60	425.00

SECH0	0	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
6230.000	1390.00	150.14	.00	2.44	.00	219.87	1595.00
6230.000	2760.00	152.99	2.85	2.42	.00	307.96	1595.00
6230.000	3480.00	154.13	1.14	2.44	.00	343.10	1595.00
6230.000	5955.00	157.22	3.09	2.51	.00	449.57	1595.00
7320.000	1390.00	152.13	.00	1.99	.00	160.19	1090.00
7320.000	2760.00	155.06	2.92	2.06	.00	211.56	1090.00
7320.000	3480.00	156.22	1.16	2.09	.00	244.03	1090.00
7320.000	5955.00	159.33	3.12	2.11	.00	331.26	1090.00
8680.000	1390.00	154.00	.00	1.87	.00	186.53	1360.00
8680.000	2760.00	157.17	3.16	2.11	.00	251.64	1360.00
8680.000	3480.00	158.41	1.25	2.20	.00	277.29	1360.00
8680.000	5955.00	161.73	3.32	2.40	.00	382.56	1360.00
10080.000	1330.00	155.41	.00	1.41	.00	279.98	1400.00
10080.000	2650.00	158.62	3.20	1.45	.00	454.39	1400.00
10080.000	3350.00	159.89	1.27	1.48	.00	523.77	1400.00
10080.000	5760.00	163.26	3.37	1.53	.00	686.15	1400.00
10927.000	1330.00	156.53	.00	1.11	.00	64.16	847.04
10927.000	2650.00	159.52	3.00	.91	.00	320.71	847.04
10927.000	3350.00	160.72	1.19	.83	.00	343.68	847.04
10927.000	5760.00	163.93	3.22	.68	.00	551.68	847.04
11235.000	1330.00	157.09	.00	.56	.00	64.81	307.96
11235.000	2650.00	160.00	2.91	.43	.00	76.99	307.96
11235.000	3350.00	161.12	1.12	.41	.00	305.58	307.96
11235.000	5760.00	164.25	3.13	.31	.00	548.98	307.96
11265.000	1330.00	157.10	.00	.01	.00	64.86	30.00
11265.000	2650.00	160.41	3.31	.41	.00	72.00	30.00
11265.000	3350.00	161.98	1.57	.86	.00	310.88	30.00
11265.000	5760.00	164.48	2.50	.23	.00	555.43	30.00
11341.000	1330.00	157.23	.00	.13	.00	66.17	76.99
11341.000	2650.00	160.66	3.43	.25	.00	331.66	76.99
11341.000	3350.00	162.07	1.40	.08	.00	358.54	76.99
11341.000	5760.00	164.56	2.49	.08	.00	553.15	76.99
11860.000	1330.00	157.96	.00	.73	.00	332.46	518.01
11860.000	2650.00	161.20	3.23	.53	.00	541.34	518.01
11860.000	3350.00	162.53	1.33	.46	.00	631.86	518.01
11860.000	5760.00	165.09	2.56	.53	.00	801.88	518.01
12060.000	1330.00	158.16	.00	.20	.00	318.52	200.00
12060.000	2650.00	161.34	3.18	.15	.00	471.98	200.00
12060.000	3350.00	162.66	1.31	.13	.00	518.23	200.00
12060.000	5760.00	165.24	2.58	.15	.00	605.39	200.00

SECHO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
13110.000	1330.00	159.46	.00	1.31	.00	201.21	1050.00
13110.000	2650.00	162.38	2.91	1.04	.00	274.28	1050.00
13110.000	3350.00	163.60	1.23	.95	.00	305.01	1050.00
13110.000	5760.00	166.31	2.71	1.08	.00	361.04	1050.00
14250.000	1330.00	161.42	.00	1.96	.00	278.55	1140.00
14250.000	2650.00	164.31	2.89	1.93	.00	433.15	1140.00
14250.000	3350.00	165.50	1.19	1.90	.00	482.09	1140.00
14250.000	5760.00	168.45	2.95	2.14	.00	552.83	1140.00
15970.000	1330.00	164.41	.00	2.99	.00	221.74	1720.00
15970.000	2650.00	167.10	2.70	2.79	.00	343.50	1720.00
15970.000	3350.00	168.17	1.07	2.67	.00	392.68	1720.00
15970.000	5760.00	171.04	2.86	2.58	.00	538.17	1720.00
17820.000	1260.00	167.65	.00	3.25	.00	203.07	1850.00
17820.000	2525.00	170.42	2.77	3.32	.00	281.31	1850.00
17820.000	3200.00	171.49	1.07	3.32	.00	310.24	1850.00
17820.000	5530.00	174.36	2.86	3.32	.00	387.59	1850.00
19000.000	1260.00	169.68	.00	2.02	.00	220.51	1180.00
19000.000	2525.00	172.46	2.78	2.04	.00	309.90	1180.00
19000.000	3200.00	173.56	1.11	2.07	.00	344.36	1180.00
19000.000	5530.00	176.52	2.96	2.17	.00	436.61	1180.00
19500.000	1260.00	170.55	.00	.87	.00	294.73	500.00
19500.000	2525.00	173.29	2.75	.83	.00	470.57	500.00
19500.000	3200.00	174.40	1.11	.83	.00	541.54	500.00
19500.000	5530.00	177.38	2.98	.85	.00	732.07	500.00
20510.000	1260.00	172.00	.00	1.46	.00	309.84	1010.00
20510.000	2525.00	174.73	2.73	1.44	.00	390.03	1010.00
20510.000	3200.00	175.82	1.10	1.42	.00	422.24	1010.00
20510.000	5530.00	178.76	2.94	1.38	.00	508.52	1010.00
22010.000	1260.00	173.82	.00	1.82	.00	217.15	1500.00
22010.000	2525.00	176.63	2.81	1.91	.00	277.55	1500.00
22010.000	3200.00	177.77	1.14	1.95	.00	302.05	1500.00
22010.000	5530.00	180.77	3.00	2.01	.00	384.00	1500.00
22843.000	1260.00	175.57	.00	1.75	.00	148.56	833.54
22843.000	2525.00	178.26	2.69	1.63	.00	215.12	833.54
22843.000	3200.00	179.38	1.12	1.61	.00	260.95	833.54
22843.000	5530.00	182.33	2.95	1.56	.00	455.73	833.54
23027.000	1260.00	176.20	.00	.63	.00	45.99	183.96
23027.000	2525.00	178.97	2.77	.71	.00	223.97	183.96
23027.000	3200.00	180.09	1.12	.71	.00	281.59	183.96
23027.000	5530.00	182.98	2.89	.65	.00	476.57	183.96

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
23052.000	1260.00	176.25	.00	.04	.00	43.00	25.00
23052.000	2525.00	179.89	3.64	.92	.00	270.11	25.00
23052.000	3200.00	180.78	.89	.70	.00	315.94	25.00
23052.000	5530.00	182.96	2.18	-.02	.00	475.27	25.00
23098.000	1260.00	176.31	.00	.06	.00	157.71	45.99
23098.000	2525.00	179.88	3.57	-.01	.00	253.78	45.99
23098.000	3200.00	180.77	.90	-.01	.00	310.87	45.99
23098.000	5530.00	182.97	2.19	.01	.00	468.68	45.99
23253.000	1260.00	176.79	.00	.49	.00	45.01	155.01
23253.000	2525.00	180.19	3.39	.31	.00	45.01	155.01
23253.000	3200.00	191.16	.97	.39	.00	481.48	155.01
23253.000	5530.00	183.45	2.30	.49	.00	633.33	155.01
23276.000	1260.00	180.78	.00	3.99	.00	435.01	23.00
23276.000	2525.00	181.71	.92	1.52	.00	540.58	23.00
23276.000	3200.00	182.12	.41	.96	.00	563.21	23.00
23276.000	5530.00	183.87	1.76	.42	.00	651.80	23.00
23316.000	1260.00	180.78	.00	.00	.00	488.80	40.00
23316.000	2525.00	181.71	.92	.00	.00	540.84	40.00
23316.000	3200.00	182.12	.41	.00	.00	563.41	40.00
23316.000	5530.00	183.88	1.76	.00	.00	651.84	40.00
24090.000	1260.00	180.77	.00	-.01	.00	479.10	773.50
24090.000	2525.00	181.68	.91	-.03	.00	501.15	773.50
24090.000	3200.00	182.08	.40	-.04	.00	510.97	773.50
24090.000	5530.00	183.82	1.74	-.06	.00	553.55	773.50
25280.000	1260.00	181.10	.00	.33	.00	314.33	1190.00
25280.000	2525.00	182.49	1.39	.82	.00	338.67	1190.00
25280.000	3200.00	183.15	.65	1.07	.00	350.05	1190.00
25280.000	5530.00	185.36	2.22	1.54	.00	388.82	1190.00
26200.000	1260.00	181.74	.00	.64	.00	196.03	920.00
26200.000	2525.00	183.70	1.96	1.21	.00	214.80	920.00
26200.000	3200.00	184.58	.88	1.44	.00	223.18	920.00
26200.000	5530.00	187.19	2.61	1.83	.00	248.13	920.00
27616.000	1200.00	183.80	.00	2.06	.00	113.64	1416.04
27616.000	2410.00	186.69	2.89	2.98	.00	228.63	1416.04
27616.000	3060.00	187.86	1.18	3.28	.00	294.55	1416.04
27616.000	5320.00	190.99	3.13	3.80	.00	547.57	1416.04
27784.000	1200.00	184.43	.00	.63	.00	41.99	167.96
27784.000	2410.00	187.54	3.11	.85	.00	258.09	167.96
27784.000	3060.00	188.76	1.22	.90	.00	313.71	167.96
27784.000	5320.00	191.84	3.08	.85	.00	569.08	167.96

SECNO	Q	CUSEL	DIFWSP	DIFWSX	DIFKNS	TOPNID	XLCH
27836.000	1200.00	184.68	.00	.25	.00	42.01	52.00
27836.000	2410.00	189.02	4.33	1.47	.00	374.73	52.00
27836.000	3060.00	189.68	.67	.92	.00	451.20	52.00
27836.000	5320.00	191.84	2.16	.00	.00	569.06	52.00
27877.000	1200.00	184.69	.00	.01	.00	119.05	41.99
27877.000	2410.00	188.98	4.28	-.04	.00	318.30	41.99
27877.000	3060.00	189.63	.66	-.05	.00	435.33	41.99
27877.000	5320.00	191.79	2.16	-.05	.00	561.24	41.99
28060.000	1200.00	185.30	.00	.60	.00	251.19	182.01
28060.000	2410.00	189.49	4.19	.51	.00	339.26	182.01
28060.000	3060.00	190.29	.80	.66	.00	363.52	182.01
28060.000	5320.00	192.71	2.42	.92	.00	477.39	182.01
30080.000	1200.00	188.28	.00	2.98	.00	360.74	2020.00
30080.000	2410.00	191.45	3.17	1.96	.00	543.13	2020.00
30080.000	3060.00	192.47	1.02	2.18	.00	605.72	2020.00
30080.000	5320.00	195.28	2.81	2.57	.00	777.44	2020.00
31900.000	1200.00	191.81	.00	3.54	.00	592.52	1820.00
31900.000	2410.00	193.69	1.88	2.25	.00	667.68	1820.00
31900.000	3060.00	194.56	.87	2.09	.00	702.49	1820.00
31900.000	5320.00	197.09	2.52	1.80	.00	803.43	1820.00
32480.000	1200.00	193.08	.00	1.26	.00	335.54	580.00
32480.000	2410.00	194.76	1.68	1.06	.00	431.53	580.00
32480.000	3060.00	195.54	.78	.97	.00	495.21	580.00
32480.000	5320.00	197.87	2.34	.79	.00	712.20	580.00
33140.000	1200.00	195.90	.00	2.82	.00	279.70	660.00
33140.000	2410.00	197.63	1.73	2.87	.00	397.79	660.00
33140.000	3060.00	198.33	.70	2.79	.00	445.41	660.00
33140.000	5320.00	200.22	1.89	2.35	.00	566.36	660.00
34030.000	1200.00	198.20	.00	2.30	.00	409.21	890.00
34030.000	2410.00	200.16	1.95	2.32	.00	618.04	890.00
34030.000	3060.00	200.91	.75	2.58	.00	680.24	890.00
34030.000	5320.00	202.89	1.99	2.68	.00	844.52	890.00
34690.000	1200.00	199.61	.00	1.40	.00	273.73	660.00
34690.000	2410.00	201.55	1.94	1.40	.00	346.99	660.00
34690.000	3060.00	202.30	.75	1.39	.00	371.98	660.00
34690.000	5320.00	204.32	2.02	1.42	.00	439.60	660.00
35980.000	1200.00	202.25	.00	2.64	.00	413.90	1290.00
35980.000	2410.00	204.24	2.00	2.69	.00	593.73	1290.00
35980.000	3060.00	205.05	.80	2.75	.00	661.50	1290.00
35980.000	5320.00	207.19	2.14	2.87	.00	842.39	1290.00

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C T1 HAYES, SEAY, MATTERN & MATTERN HOKE CO., NC FIS
 T2 FILENAME: PUP.HEC ENG: SKE EA: KHC COMM 23408
 T3 PUPPY CREEK DATE: 03/26/87 100-YEAR EVENT

J1 ICHECK INQ MINV IDIR STRT METRIC HVINS Q WSEL FQ
 C. 7. 0. 0. .002981 .00 .0 9. 150.000 .000

J2 NPROF IPLOT PRFVS XSECV XSECH FN ALLDC IBW CIIMM ITRACE
 1.000 .000 -1.000 .000 .000 .000 .000 .000 .000 .000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

QT	9.000	550.000	980.000	1390.000	2090.000	2760.000	3480.000	43856.000	5955.000	3480.000
HC	.200	.200	.055	.100	.300	.000	.000	.000	.000	.000
NH	6.000	1.000	4575.010	.500	4800.010	.350	4985.000	.058	5015.000	.340
NH	5198.000	.630	5515.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	10.410
X1	500.000	19.000	4985.000	5015.000	500.000	500.000	500.000	.000	.000	.000
GR	157.000	4395.000	155.000	4555.000	153.570	4575.010	150.000	4625.000	145.000	4710.000
GR	140.000	4785.000	138.080	4800.010	136.090	4840.000	135.890	4985.000	134.070	4990.000
GR	132.090	5000.000	134.090	5010.000	135.880	5015.000	136.110	5060.000	138.080	5198.000
GR	140.000	5205.000	145.000	5250.000	150.000	5290.000	155.000	5515.000	.000	.000
NH	7.000	1.000	4530.010	.360	4880.000	.260	4979.760	.058	5020.250	.200
NH	5225.000	.350	5525.000	1.000	6340.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	5.410

DISCHARGES ARE AS FOLLOWS ON THE QT CARDS

FIELD #2 #3 #4 #5 #6 #7 #8 #9 #10

Tr 2 5 10 25 50 100 200 500 1000

X1	886.540	42.000	4979.760	5020.250	386.540	386.540	386.540	386.540	386.540	386.540
GR	164.480	4120.000	160.380	4530.010	159.480	4620.000	141.940	4779.750	141.930	4780.000
GR	140.240	4829.750	140.240	4879.750	140.240	4880.000	139.540	4929.750	138.540	4979.750
GR	138.340	4979.760	137.740	4981.250	137.740	4981.260	136.540	4984.250	133.240	4994.750
GR	133.920	4999.750	133.920	4999.760	133.960	5000.000	133.990	5000.250	134.420	5000.750
GR	134.420	5000.760	136.540	5003.250	138.450	5018.740	138.460	5018.750	138.640	5020.240
GR	138.640	5020.250	145.290	5070.250	146.830	5120.000	146.840	5120.250	148.840	5170.250

GR	154,480	5200,000	157,600	5225,000	159,480	5240,000	164,480	5320,000	169,480	5420,000
GR	171,870	5525,000	174,480	5640,000	179,480	5840,000	184,480	5940,000	189,480	6140,000
GR	194,480	6240,000	199,480	6340,000						
NC										
NH	7,000	1,000	4530,010	300	5,000					
NH	5225,000	350	5525,000	1,000	6340,000		4979,760	.058	5020,250	.200
ET										
X1	1048,500	42,000	4979,760	5020,250	161,960	161,960	161,960	.000	.000	5,410
X3	10,000									
GR	165,000	4120,000	160,900	4530,010	160,000	4620,000	142,460	4779,750	144,200	4780,000
GR	140,760	4829,750	140,760	4879,750	140,760	4880,000	140,060	4929,750	138,860	4979,750
GR	138,860	4979,760	138,260	4981,250	138,260	4981,260	137,060	4984,250	133,760	4994,750
GR	134,440	4999,750	134,440	4999,760	134,440	5000,000	134,510	5000,250	134,940	5000,750
GR	134,940	5000,760	137,060	5003,250	133,970	5018,740	138,980	5018,750	139,160	5020,240
GR	139,160	5020,250	145,810	5070,250	147,350	5120,000	147,360	5120,250	149,360	5170,250
GR	155,000	5200,000	158,120	5225,000	160,000	5240,000	165,000	5320,000	170,000	5420,000
GR	172,390	5525,000	175,000	5640,000	180,000	5840,000	185,000	5940,000	190,000	6140,000
GR	195,000	6240,000	200,000	6340,000						

NH	7,000	1,000	4530,010	.360	4880,000	.260	4981,250	.058	5018,750	.200
NH	5225,000	350	5525,000	1,000	6340,000	.000	.000	.000	.000	.000
SB	1,250	1,560	2,700	.000	10,000	1,000	209,000	1,800	133,760	153,760

SR 1422

X1	1071,500	42,000	4981,250	5018,750	24,000	24,000	24,000	.000	.000	.000
X2										
X3	10,000		1,000	142,320	144,060					
BT	-42,000	4120,000	165,000	165,000	4530,010	160,900	160,900	144,060	144,970	160,000
BT		4779,750	144,460	142,460	4780,000	144,460	142,450	4829,750	144,060	140,760
BT		4879,750	144,160	140,760	4880,000	144,160	140,760	4929,750	144,360	140,060
BT		4979,750	144,920	138,860	4979,760	147,370	138,860	4981,250	147,370	138,260
BT		4981,260	147,370	142,270	4984,250	147,380	142,280	4994,750	147,390	142,290
BT		4999,750	147,390	142,290	4999,760	147,390	134,440	5000,000	147,390	134,480
BT		5000,250	147,400	134,510	5000,750	147,400	134,740	5000,760	147,400	142,300
BT		5003,250	147,400	142,300	5018,740	147,420	142,320	5018,750	147,420	138,980
BT		5020,240	147,420	139,160	5020,250	144,970	139,160	5070,250	145,810	145,810
BT		5120,000	147,350	147,350	5120,250	147,360	147,360	5170,250	149,360	149,360
BT		5200,000	155,000	155,000	5225,000	158,120	158,120	5240,000	160,000	160,000
BT		5320,000	165,000	165,000	5420,000	170,000	170,000	5525,000	172,390	172,390
BT		5640,000	175,000	175,000	5840,000	180,000	180,000	5940,000	185,000	185,000
BT		6140,000	190,000	190,000	6240,000	195,000	195,000	6340,000	200,000	200,000
GR	165,000	4120,000	160,900	4530,010	160,000	4620,000	142,460	4779,750	142,450	4780,000
GR	140,760	4829,750	140,760	4879,750	140,760	4880,000	140,060	4929,750	138,860	4979,750
GR	138,860	4979,760	138,260	4981,250	138,260	4981,260	137,060	4984,250	133,760	4994,750
GR	134,440	4999,750	134,440	4999,760	134,440	5000,000	134,510	5000,250	134,940	5000,750
GR	134,940	5000,760	137,060	5003,250	138,970	5018,740	138,980	5018,750	139,160	5020,240
GR	139,160	5020,250	145,810	5070,250	147,350	5120,000	147,360	5120,250	149,360	5170,250
GR	155,000	5200,000	158,120	5225,000	160,000	5240,000	165,000	5320,000	170,000	5420,000
GR	172,390	5525,000	175,000	5640,000	180,000	5840,000	185,000	5940,000	190,000	6140,000
GR	195,000	6240,000	200,000	6340,000						

NH	7.000	1.000	4530.010	.360	4880.000	.260	4979.760	.058	5020.250	.200
NH	5225.000	.350	5525.000	1.030	6340.000	.000	.000	.000	.000	.000
X1	1111.900	42.000	4979.760	5020.250	40.490	40.490	40.490	.000	.000	.000
GR	165.070	4120.000	160.970	4530.010	160.070	4620.000	142.530	4779.750	142.520	4780.000
GR	140.830	4829.750	140.830	4879.750	140.830	4880.000	140.130	4929.750	138.930	4979.750
GR	138.930	4979.760	138.330	4981.250	138.330	4981.260	137.130	4984.250	133.830	4994.750
GR	134.510	4999.750	134.510	4999.760	134.550	5000.000	134.580	5000.250	135.010	5000.750
GR	135.010	5000.760	137.130	5033.250	139.040	5018.740	139.050	5018.750	139.230	5020.240
GR	139.230	5020.250	145.880	5070.250	147.420	5120.000	147.430	5120.250	149.430	5170.250
GR	155.070	5200.000	158.190	5225.000	160.070	5240.000	165.070	5320.000	170.070	5420.000
GR	172.460	5525.000	175.070	5640.000	180.070	5840.000	185.070	5940.000	190.070	6140.000
GR	195.070	6240.000	200.070	6340.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	5.000	.360	4750.000	.260	4985.000	.058	5019.000	.200	5050.000	.350
NH	5240.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Cross Section A

X1	1370.000	19.000	4985.000	5019.000	188.010	168.010	258.010	.000	.000	.000
GR	155.000	4530.000	150.000	4600.000	145.000	4680.000	142.770	4750.000	136.600	4944.000
GR	135.950	4974.000	136.800	4982.000	137.150	4985.000	134.950	4990.000	134.350	4995.000
GR	134.300	5000.000	134.150	5008.000	136.250	5009.000	138.250	5019.000	137.750	5024.000
GR	141.120	5050.000	145.000	5080.000	150.000	5160.000	155.000	5240.000	.000	.000
NH	5.000	.360	4850.000	.260	4986.500	.058	5013.500	.200	5200.000	.350
NH	5240.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	10.410

Cross Section B

X1	2600.000	24.000	4986.500	5013.500	1120.000	1280.000	1230.000	.000	.000	.000
GR	155.000	4760.000	150.000	4820.000	148.120	4850.000	145.000	4900.000	138.510	4932.500
GR	138.510	4942.500	138.610	4952.500	139.710	4962.500	140.010	4972.500	139.910	4986.500
GR	137.510	4989.500	136.310	4994.500	136.310	4999.500	135.710	5004.500	136.010	5009.500
GR	137.510	5012.500	136.710	5013.500	139.310	5023.500	139.110	5033.500	139.410	5043.500
GR	145.000	5070.000	150.000	5160.000	152.500	5200.000	155.000	5240.000	.000	.000
NH	6.000	.360	4805.000	.220	4984.500	.058	5015.500	.240	5150.000	.350
NH	5350.000	1.000	5510.000	.000	.000	.000	.000	.000	.000	.000

Cross Section C

X1	4210.000	35.000	4984.500	5015.500	1625.000	1460.000	1610.000	.000	.000	.000
GR	160.000	4655.000	155.000	4735.000	150.000	4805.000	145.000	4850.000	141.250	4921.500
GR	141.150	4931.500	141.450	4941.500	142.050	4951.500	142.150	4961.500	142.250	4971.500
GR	141.650	4984.500	139.750	4987.500	138.750	4992.500	138.750	4997.500	138.850	5002.500
GR	138.070	5007.500	137.750	5010.500	139.750	5013.500	141.450	5015.500	142.050	5022.500
GR	142.550	5029.500	141.250	5032.500	146.450	5035.500	145.220	5150.000	145.000	5170.000
GR	150.000	5205.000	155.000	5235.000	157.500	5280.000	155.000	5330.000	153.330	5350.000
GR	152.500	5360.000	155.000	5395.000	160.000	5440.000	165.000	5485.000	170.000	5510.000

2

GT	9.000	520.000	935.000	1330.000	2000.000	2650.000	3350.000	42306.000	5760.000	3350.000
NH	7.000	1.000	4450.000	.360	4850.000	.160	4983.000	.058	5017.000	.180
NH	5250.000	.250	5495.000	1.000	5605.000	.000	.000	.000	.000	.000

Cross Section G

X1	10080.000	31.000	4983.000	5017.000	1325.000	1350.000	1400.000	.000	.000	.000
GR	175.000	4260.000	170.000	4340.000	166.560	4899.000	165.000	4500.000	160.000	4610.000
GR	154.310	4850.000	153.380	4889.000	153.180	4899.000	152.580	4909.000	151.980	4919.000
GR	151.880	4929.000	152.180	4939.000	152.080	4949.000	151.880	4959.000	150.880	4969.000
GR	150.280	4983.000	146.780	4987.000	145.280	4988.000	145.180	4990.000	145.380	4995.000
GR	145.680	5000.000	145.880	5005.000	146.780	5011.000	151.280	5017.000	151.480	5027.000
GR	151.380	5034.000	160.000	5140.000	164.230	5250.000	165.000	5270.000	170.000	5495.000
GR	175.000	5605.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4550.010	.360	4750.000	.160	4961.510	.055	5038.500	.180
NH	5150.000	.350	5350.000	1.000	5460.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	8.410
X1	10927.000	54.000	4961.510	5038.500	852.040	852.040	847.040	.000	.000	.000
GR	174.590	4480.000	171.670	4550.010	169.590	4600.000	164.590	4700.000	158.700	4750.000
GR	157.350	4761.500	156.650	4811.500	157.650	4861.500	157.550	4911.500	157.460	4961.500
GR	157.460	4961.510	157.450	4964.500	157.450	4964.510	157.450	4965.500	157.250	4968.500
GR	153.200	4975.500	151.500	4986.500	151.500	4986.510	151.430	4987.000	151.430	4987.010
GR	151.350	4987.500	151.150	4988.000	151.140	4988.010	150.940	4988.500	150.940	4988.510
GR	148.900	4993.500	146.850	4998.500	146.670	5000.000	146.250	5003.500	146.750	5003.500
GR	147.460	5011.500	147.460	5011.510	147.580	5012.000	147.580	5012.010	147.700	5012.500
GR	148.000	5013.000	148.010	5013.010	148.300	5013.500	148.310	5013.510	148.900	5014.500
GR	157.150	5035.500	157.150	5038.470	157.150	5038.470	157.150	5038.490	157.150	5038.500
GR	161.050	5080.000	161.850	5088.500	162.000	5138.500	162.120	5150.000	162.420	5180.000
GR	162.500	5188.500	162.950	5238.500	168.810	5350.000	174.590	5460.000	.000	.000
NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	7.000	1.000	4550.010	.360	4750.000	.160	4961.510	.055	5038.500	.180
NH	5150.000	.350	5350.000	1.000	5460.000	.000	.000	.000	.000	.000
X1	11235.000	54.000	4961.510	5038.500	307.960	307.960	307.960	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
GR	175.000	4480.000	172.080	4550.010	170.000	4600.000	165.000	4700.000	161.200	4750.000
GR	157.760	4761.500	157.060	4811.500	158.060	4861.500	157.960	4911.500	157.870	4961.500
GR	157.870	4961.510	157.860	4964.500	157.860	4964.510	157.860	4965.500	157.660	4968.500
GR	153.610	4975.500	151.910	4986.500	151.910	4986.510	151.840	4987.000	151.840	4987.010
GR	151.760	4987.500	151.560	4988.000	151.550	4988.010	151.350	4988.500	151.350	4988.510
GR	149.310	4993.500	147.260	4998.500	147.080	5000.000	146.660	5003.500	147.160	5003.500
GR	147.870	5011.500	147.870	5011.510	147.990	5012.000	147.990	5012.010	148.110	5012.500
GR	148.410	5013.000	148.420	5013.010	148.710	5013.500	148.720	5013.510	149.310	5014.500
GR	157.560	5035.500	157.560	5038.490	157.560	5038.490	157.560	5038.490	157.560	5038.500
GR	161.460	5080.000	162.260	5088.500	162.410	5138.500	162.530	5150.000	162.830	5180.000
GR	162.910	5188.500	163.360	5238.500	169.220	5350.000	175.000	5460.000	.000	.000

NH	7.000	1.000	4550.010	.360	4750.000	.160	4964.500	.055	5036.500	.180
NH	5150.000	.350	5350.000	1.000	5460.000	.000	.000	.000	.000	.000
SB	1.250	1.560	2.700	.000	15.000	1.000	494.000	2.070	146.660	146.660

SR 1406

X1	11265.000	54.000	4964.500	5036.500	30.000	30.000	30.000	.000	.000	.000
X2	.000	.000	1.000	159.090	161.460	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	161.000	162.180	.000
BT	-54.000	4480.000	175.000	175.000	4550.010	172.080	172.080	4600.000	170.000	170.000
BT	.000	4700.000	165.000	165.000	4750.000	162.120	159.110	4761.500	161.460	157.760
BT	.000	4811.500	161.760	157.060	4861.500	161.810	158.060	4911.500	161.880	157.960
BT	.000	4961.500	162.060	157.870	4961.510	164.800	157.870	4964.500	164.800	157.860
BT	.000	4964.510	164.800	158.970	4965.500	164.810	158.980	4968.500	164.810	158.980
BT	.000	4975.500	164.820	158.990	4986.500	164.840	159.010	4986.510	164.840	157.010
BT	.000	4987.000	164.840	157.010	4987.010	164.840	151.840	4987.500	164.840	151.760
BT	.000	4988.000	164.840	151.560	4988.010	164.840	157.010	4988.500	164.840	157.010
BT	.000	4988.510	164.840	159.010	4993.500	164.850	159.020	4998.500	164.860	159.030
BT	.000	5000.000	164.860	159.030	5003.500	164.870	159.040	5008.500	164.870	159.040
BT	.000	5011.500	164.880	159.050	5011.510	164.880	157.050	5012.000	164.880	157.050
BT	.000	5012.010	164.880	147.990	5012.500	164.880	148.110	5013.000	164.880	148.410
BT	.000	5013.010	164.880	157.050	5013.500	164.880	157.050	5013.510	164.880	159.050
BT	.000	5014.500	164.880	159.050	5035.500	164.920	159.090	5036.490	164.920	159.090
BT	.000	5036.500	164.920	157.560	5038.490	164.920	157.560	5038.500	162.180	157.560
BT	.000	5080.000	162.250	161.460	5088.500	162.260	162.260	5138.500	162.410	162.410
BT	.000	5150.000	162.540	162.530	5180.000	162.830	162.830	5188.500	162.910	162.910
BT	.000	5238.500	163.360	163.360	5350.000	169.220	169.220	5460.000	175.000	175.000
GR	175.000	4480.000	172.080	4550.010	170.000	4600.000	155.030	4700.000	159.110	4750.000
GR	157.760	4761.500	157.060	4811.500	158.060	4861.500	157.960	4911.500	157.870	4961.500
GR	157.870	4961.510	157.860	4964.500	157.860	4964.510	157.860	4965.500	157.660	4968.500
GR	153.610	4975.500	151.910	4986.500	151.910	4986.510	151.840	4987.000	151.840	4987.010
GR	151.760	4987.500	151.560	4988.000	151.550	4988.010	151.350	4988.500	151.350	4988.510
GR	149.310	4993.500	147.260	4998.500	147.080	5000.000	146.660	5003.500	147.160	5008.500
GR	147.870	5011.500	147.870	5011.510	147.990	5012.000	147.990	5012.010	148.110	5012.500
GR	148.410	5013.000	148.420	5013.010	148.710	5013.500	148.720	5013.510	149.310	5014.500
GR	157.560	5035.500	157.560	5036.490	157.560	5036.500	157.560	5038.490	157.560	5038.500
GR	161.460	5080.000	162.260	5088.500	162.410	5138.500	162.530	5150.000	162.830	5180.000
GR	162.910	5188.500	163.360	5238.500	169.220	5350.000	175.000	5460.000	.000	.000

NH	7.000	1.000	4550.010	.360	4750.000	.160	4961.510	.055	5038.500	.180
NH	5150.000	.350	5350.000	1.000	5460.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	8.410
X1	11341.000	54.000	4961.510	5038.500	76.990	76.990	76.990	.000	.000	.000
GR	175.160	4480.000	172.240	4550.010	170.160	4600.000	165.160	4700.000	159.270	4750.000
GR	157.920	4761.500	157.220	4811.500	158.220	4861.500	158.120	4911.500	158.030	4961.500
GR	158.030	4961.510	158.020	4964.500	158.020	4964.510	158.020	4965.500	157.820	4968.500
GR	153.770	4975.500	152.070	4986.500	152.070	4986.510	152.000	4987.000	152.000	4987.010
GR	151.920	4987.500	151.720	4988.000	151.710	4988.010	151.510	4988.500	151.510	4988.510
GR	149.470	4993.500	147.420	4998.500	147.240	5000.000	146.820	5003.500	147.320	5008.500
GR	148.030	5011.500	148.030	5011.510	148.150	5012.000	148.150	5012.010	148.270	5012.500
GR	148.570	5013.000	148.580	5013.010	148.870	5013.500	148.880	5013.510	149.470	5014.500
GR	157.720	5035.500	157.720	5038.470	157.720	5038.480	157.720	5038.490	157.720	5038.500
GR	161.620	5080.000	162.420	5088.500	162.570	5138.500	162.690	5150.000	162.990	5180.000

GR	163.070	5188.500	163.520	5238.500	169.380	5350.000	175.160	5460.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.000	4492.000	.360	4842.000	.230	4975.000	.055	5009.000	.180
NH	5192.000	.350	5392.000	1.000	5422.000	.000	.000	.000	.000	.000

Cross Section H

X1	11860.000	32.000	4975.000	5009.000	508.010	488.010	518.010	.000	.000	.000
GR	175.000	4447.000	170.000	4477.000	169.000	4492.000	165.000	4552.000	160.000	4752.000
GR	157.170	4842.000	155.950	4881.000	155.750	4891.000	155.150	4901.000	154.550	4911.000
GR	154.450	4921.000	154.750	4931.000	154.650	4941.000	154.450	4951.000	153.450	4961.000
GR	152.850	4975.000	149.350	4979.000	147.850	4980.000	147.750	4982.000	147.950	4987.000
GR	148.250	4992.000	148.450	4997.000	149.350	5003.000	153.850	5009.000	154.050	5019.000
GR	153.950	5026.000	159.350	5192.000	160.000	5212.000	165.000	5352.000	170.000	5382.000
GR	171.250	5392.000	175.000	5422.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4491.000	.360	4841.000	.230	4974.000	.055	5008.000	.180
NH	5191.000	.350	5396.000	1.000	5806.000	.000	.000	.000	.000	.000
X1	12060.000	43.000	4974.000	5008.000	175.000	160.000	200.000	.000	.000	.000
GR	205.000	3831.000	200.000	3941.000	195.000	4046.000	190.000	4156.000	185.000	4266.000
GR	180.000	4381.000	177.110	4491.000	175.000	4571.000	170.000	4661.000	165.000	4731.000
GR	160.000	4791.000	157.930	4841.000	156.310	4880.000	156.110	4890.000	155.510	4900.000
GR	154.910	4910.000	154.810	4920.000	155.110	4930.000	155.010	4940.000	154.810	4950.000
GR	153.810	4960.000	153.210	4974.000	149.710	4978.000	148.210	4979.000	148.110	4981.000
GR	148.310	4986.000	148.610	4991.000	148.810	4996.000	149.710	5002.000	154.210	5008.000
GR	154.410	5018.000	154.310	5025.000	159.260	5191.000	169.000	5216.000	165.000	5331.000
GR	170.000	5371.000	175.000	5396.000	180.000	5456.000	185.000	5531.000	190.000	5581.000
GR	195.000	5661.000	200.000	5716.000	205.000	5806.000	.000	.000	.000	.000
NH	6.000	1.000	4156.000	.360	4856.000	.230	4989.000	.055	5023.000	.240
NH	5156.000	.350	5286.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	10.410

Cross Section I

X1	13110.000	39.000	4989.000	5023.000	655.000	1080.000	1050.000	.000	.000	.000
GR	200.000	3876.000	195.000	3906.000	190.000	3946.000	185.000	3996.000	180.000	4086.000
GR	175.620	4156.000	175.000	4166.000	170.000	4746.000	165.000	4806.000	161.170	4856.000
GR	158.180	4895.000	157.980	4905.000	157.380	4915.000	156.780	4925.000	156.680	4935.000
GR	156.980	4945.000	156.880	4955.000	156.680	4965.000	155.680	4975.000	155.080	4989.000
GR	151.580	4993.000	150.080	4994.000	149.980	4996.000	150.180	5001.000	150.480	5006.000
GR	150.680	5011.000	151.580	5017.000	156.080	5023.000	156.280	5033.000	156.180	5040.000
GR	165.000	5146.000	167.500	5156.000	170.000	5166.000	175.000	5186.000	180.000	5206.000
GR	185.000	5226.000	190.000	5246.000	195.000	5266.000	200.000	5286.000	.000	.000
NH	7.000	1.000	4147.000	.360	4797.000	.230	4980.000	.055	5014.000	.240
NH	5197.000	.350	5597.000	1.000	5782.000	.000	.000	.000	.000	.000

Cross Section J

X1	14250.000	38.000	4980.000	5014.000	1200.000	1140.000	.000	.000	.000
GR	200.000	3922.000	195.000	4022.000	4072.000	185.000	4112.000	180.000	4147.000
GR	175.000	4207.000	170.000	4737.000	4797.000	160.220	4886.000	160.020	4896.000
GR	159.420	4906.000	158.820	4916.000	4926.000	159.020	4936.000	158.920	4946.000
GR	158.720	4956.000	157.720	4966.000	4980.000	153.620	4984.000	152.120	4985.000
GR	152.020	4987.000	152.220	4992.000	4997.000	152.720	5002.000	153.620	5008.000
GR	158.120	5014.000	158.320	5024.000	5031.000	162.990	5197.000	165.000	5267.000
GR	170.000	5327.000	175.000	5352.000	5492.000	185.000	5562.000	187.500	5597.000
GR	190.000	5632.000	195.000	5672.000	5782.000	.000	.000	.000	.000
NH	8.000	1.000	4351.000	.360	.230	4984.000	.055	5018.000	.180
NH	5301.000	.220	5501.000	.350	1.000	6021.000	.000	.000	.000

Cross Section K

X1	15970.000	33.000	4984.000	5018.000	1720.000	1720.000	.000	.000	.000
GR	200.000	4296.000	195.770	4351.000	4426.000	180.000	4576.000	170.000	4676.000
GR	167.650	4751.000	163.300	4890.000	4900.000	162.500	4910.000	161.900	4920.000
GR	161.800	4930.000	162.100	4940.000	4950.000	161.800	4960.000	160.800	4970.000
GR	160.200	4984.000	156.700	4988.000	4989.000	155.100	4991.000	155.300	4996.000
GR	155.600	5001.000	155.800	5006.000	5012.000	161.200	5018.000	161.400	5028.000
GR	161.300	5035.000	170.000	5151.000	5301.000	176.860	5501.000	180.000	5661.000
GR	185.830	5801.000	190.000	5901.000	6021.000	.000	.000	.000	.000
QT	9.000	490.000	885.000	1260.000	2525.000	3200.000	4050.000	5530.000	3200.000
NH	7.000	.360	4806.000	.230	.055	5023.000	.180	5056.000	.220
NH	5156.000	.350	5306.000	1.000	.000	.000	.000	.000	.000

Cross Section L

X1	17820.000	34.000	4989.000	5023.000	1850.000	1850.000	.000	.000	.000
GR	210.000	4536.000	200.000	4596.000	4676.000	180.000	4776.000	175.710	4806.000
GR	170.000	4846.000	166.600	4895.000	4905.000	165.800	4915.000	165.200	4925.000
GR	165.100	4935.000	165.400	4945.000	4955.000	165.100	4965.000	164.100	4975.000
GR	163.500	4989.000	160.000	4993.000	4994.000	158.400	4996.000	158.600	5001.000
GR	158.900	5006.000	159.100	5011.000	5017.000	164.500	5023.000	164.700	5033.000
GR	164.600	5040.000	165.740	5056.000	5116.000	172.000	5156.000	179.500	5306.000
GR	180.000	5316.000	190.000	5391.000	5501.000	210.000	5591.000	.000	.000
NH	7.000	1.000	4453.000	.360	.230	4991.000	.055	5025.000	.220
NH	5103.000	.350	5358.000	1.000	.000	.000	.000	.000	.000

Cross Section M

X1	19000.000	33.000	4991.000	5025.000	1180.000	1180.000	.000	.000	.000
GR	220.000	4233.000	210.000	4373.000	4453.000	190.000	4548.000	180.000	4658.000
GR	175.280	4758.000	168.710	4897.000	4907.000	167.910	4917.000	167.310	4927.000
GR	167.210	4937.000	167.510	4947.000	4957.000	167.210	4967.000	166.210	4977.000
GR	165.610	4991.000	162.110	4995.000	4996.000	160.510	4998.000	160.710	5003.000
GR	161.010	5008.000	161.210	5013.000	5019.000	166.610	5025.000	166.810	5035.000
GR	166.710	5042.000	170.000	5103.000	5203.000	190.000	5278.000	195.520	5358.000
GR	200.000	5423.000	210.000	5568.000	5718.000	.000	.000	.000	.000

NH	7.000	1.000	4463.000	.360	4763.000	.230	4996.000	.055	5030.000	.220
NH	5113.000	.350	5363.000	1.000	5638.000	.000	5000.000	.000	.000	.000
X1	19500.000	34.000	4996.000	5030.000	425.000	410.000	500.000	.000	.000	.000
GR	210.000	3883.000	200.000	3983.000	190.000	4063.000	180.000	4263.000	176.490	4463.000
GR	171.230	4763.000	170.000	4833.000	169.600	4902.000	169.400	4912.000	168.800	4922.000
GR	168.200	4932.000	168.100	4942.000	168.400	4952.000	168.300	4962.000	168.100	4972.000
GR	167.100	4982.000	166.500	4996.000	163.000	5000.000	161.500	5001.000	161.400	5003.000
GR	161.600	5008.000	161.900	5013.000	162.100	5018.000	163.000	5024.000	167.500	5030.000
GR	167.700	5040.000	167.600	5047.000	170.000	5053.000	172.860	5113.000	180.000	5163.000
GR	190.000	5243.000	194.290	5363.000	200.000	5523.000	210.000	5638.000	.000	.000
NH	6.000	1.000	4395.000	.360	4645.000	.230	4982.000	.055	5008.000	.220
NH	5145.000	.350	5235.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	8.410

Cross Section N

X1	20510.000	27.000	4982.000	5008.000	1120.000	1065.000	1010.000	.000	.000	.000
GR	200.000	4100.000	190.000	4300.000	185.780	4392.000	180.000	4525.000	175.610	4645.000
GR	166.210	4902.000	165.910	4912.000	166.510	4922.000	166.310	4932.000	166.010	4942.000
GR	165.910	4952.000	165.910	4962.000	166.210	4982.000	164.710	4983.000	163.210	4986.000
GR	163.410	4990.000	163.310	4995.000	163.510	5000.000	164.710	5007.000	166.910	5008.000
GR	167.410	5018.000	167.210	5028.000	167.810	5038.000	167.810	5045.000	180.000	5070.000
GR	190.000	5145.000	200.000	5235.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4507.000	.360	4807.000	.230	4994.000	.055	5020.000	.200
NH	5207.000	.350	5407.000	1.000	5637.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	5.410

Cross Section O

X1	22010.000	31.000	4994.000	5020.000	1450.000	1515.000	1500.000	.000	.000	.000
GR	210.000	3757.000	200.000	4397.000	195.220	4507.000	190.000	4627.000	183.330	4807.000
GR	180.000	4897.000	168.890	4914.000	168.590	4924.000	169.190	4934.000	168.990	4944.000
GR	168.690	4954.000	168.590	4964.000	168.590	4974.000	168.890	4994.000	167.390	4995.000
GR	165.890	4998.000	166.090	5002.000	165.990	5007.000	166.190	5012.000	167.390	5019.000
GR	169.590	5020.000	170.090	5030.000	169.890	5040.000	170.490	5050.000	170.490	5057.000
GR	178.000	5207.000	180.000	5247.000	189.410	5407.000	190.000	5417.000	200.000	5557.000
GR	210.000	5637.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	7.000	1.000	4550.010	.350	4850.000	.230	4985.000	.051	5015.000	.200
NH	5300.000	.350	5800.000	1.000	6680.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	3.410
X1	22843.000	44.000	4985.000	5015.000	843.540	828.540	833.540	.000	.000	.000
GR	219.650	4140.000	209.650	4540.000	209.020	4550.010	199.650	4700.000	183.180	4777.000
GR	182.510	4800.000	181.730	4827.000	181.150	4850.000	180.900	4860.000	180.480	4877.000
GR	173.590	4927.000	173.460	4977.010	173.460	4977.010	173.460	4978.490	173.460	4978.500
GR	173.450	4978.510	171.730	4985.000	169.350	4990.000	169.050	4992.000	169.050	4992.010
GR	168.980	4992.500	168.800	4993.000	168.800	4993.010	167.380	4997.000	167.620	5000.000
GR	168.140	5006.500	168.140	5006.510	168.180	5007.000	168.230	5007.500	168.230	5007.510
GR	171.030	5015.000	175.380	5073.000	178.830	5123.000	179.880	5173.000	181.230	5223.000
GR	183.410	5300.000	183.980	5320.000	189.650	5520.000	197.020	5800.000	199.650	5900.000
GR	209.650	6080.000	219.650	6260.000	229.650	6500.000	239.650	6680.000	.000	.000

NH	7.000	1.000	4550.010	.350	4850.000	.250	4985.000	.051	5015.000	.200
NH	5300.000	.350	5800.000	1.000	6680.000	.000	.000	.000	.000	.000
X1	23098.000	43.000	4985.000	5015.000	59.490	34.490	45.990	.000	.000	.000
GR	220.100	4140.000	210.100	4540.000	209.470	4550.010	200.100	4700.000	183.630	4777.000
GR	182.960	4800.000	182.180	4827.000	181.600	4850.000	181.350	4860.000	180.930	4877.000
GR	176.030	4927.000	173.910	4977.000	173.910	4977.010	173.910	4978.490	173.910	4978.500
GR	173.900	4978.510	172.180	4985.000	169.800	4990.000	169.500	4992.000	169.500	4992.010
GR	169.430	4992.500	169.250	4993.000	169.250	4993.010	167.830	4997.000	168.070	5000.000
GR	168.590	5006.500	168.590	5006.510	168.630	5007.000	168.680	5007.500	168.680	5007.510
GR	171.480	5015.000	179.280	5123.000	180.330	5123.000	181.680	5223.000	183.860	5300.000
GR	184.430	5320.000	190.100	5520.000	197.470	5800.000	200.100	5900.000	210.100	6080.000
GR	220.100	6260.000	230.100	6500.000	240.100	6680.000	.000	.000	.000	.000
NH	5.000	.360	4900.000	.230	5000.500	.051	5045.510	.200	5472.500	.350
NH	6122.500	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	1.410
X1	23253.000	20.000	5000.500	5045.510	155.010	155.010	155.010	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	181.000	181.000	.000
GR	210.000	4702.500	200.000	4812.500	190.000	4872.500	187.010	4900.000	183.170	4950.000
GR	170.940	5000.500	170.580	5001.500	168.220	5013.000	166.100	5015.500	164.500	5020.000
GR	165.300	5030.000	166.750	5044.500	171.170	5045.500	171.170	5045.510	181.160	5096.000
GR	181.230	5146.000	180.000	5472.500	190.000	5782.500	200.000	6002.500	210.000	6122.500
SB	1.250	1.950	2.600	.000	.100	.100	.100	1.020	176.040	176.040
NH	4.000	.360	4900.000	.230	5000.500	.051	5437.000	.200	6122.500	.000

Johnson's Mill Dam

X1	23276.000	17.000	5000.500	5437.000	23.000	23.000	23.000	.000	.000	.000
X2	.000	.000	1.000	175.050	181.060	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	181.140	181.140	.000
BT	.000	4702.500	210.000	.000	4812.500	200.000	.000	4872.500	190.000	.000
BT	.000	4900.000	187.010	.000	4950.000	183.170	.000	5000.000	181.060	.000
BT	.000	5000.010	181.560	.000	5000.500	181.560	.000	5000.510	176.020	.000
BT	.000	5009.500	175.990	.000	5009.510	181.580	.000	5010.000	181.580	.000
BT	.000	5010.010	175.990	.000	5014.000	175.980	.000	5014.010	181.580	.000
BT	.000	5014.500	181.580	.000	5014.510	175.980	.000	5018.500	175.980	.000
BT	.000	5019.000	181.590	.000	5019.010	175.960	.000	5023.000	175.950	.000
BT	.000	5023.010	181.600	.000	5023.500	181.600	.000	5023.510	175.950	.000
BT	.000	5027.500	175.940	.000	5027.510	181.610	.000	5028.000	181.610	.000
BT	.000	5028.010	175.920	.000	5031.500	175.920	.000	5031.510	181.620	.000
BT	.000	5032.000	181.620	.000	5032.010	175.920	.000	5036.000	175.910	.000
BT	.000	5036.010	181.620	.000	5036.500	181.620	.000	5036.510	175.910	.000
BT	.000	5040.500	175.890	.000	5040.510	181.630	.000	5041.000	181.630	.000
BT	.000	5041.010	175.890	.000	5045.000	175.880	.000	5045.010	181.640	.000
BT	.000	5045.500	181.640	.000	5045.510	181.140	.000	5096.000	181.160	.000
BT	.000	5146.000	181.230	.000	5472.500	180.000	.000	5782.500	190.000	.000
BT	.000	6002.500	200.000	.000	6122.500	210.000	.000	.000	.000	.000
GR	210.000	4702.500	200.000	4812.500	190.000	4872.500	187.010	4900.000	183.170	4950.000
GR	181.060	5000.500	168.300	5013.000	167.930	5015.500	166.330	5020.000	167.130	5030.000
GR	168.580	5044.500	168.000	5424.000	181.000	5437.000	180.000	5472.500	190.000	5782.500
GR	200.000	6002.500	210.000	6122.500	.000	.000	.000	.000	.000	.000

NH	4.000	.360	4900.000	.230	5000.500	.051	5437.000	.200	6122.500	.000
X1	23316.000	17.000	5000.500	5437.000	40.000	40.000	40.000	.000	.000	.000
GR	210.000	4702.500	200.000	4812.500	190.000	4872.500	187.010	4900.000	183.170	4950.000
GR	181.060	5000.500	168.300	5013.000	167.930	5015.500	166.330	5020.000	167.130	5030.000
GR	168.580	5044.500	168.000	5424.000	181.000	5437.000	180.000	5472.500	190.000	5782.500
GR	200.000	6002.500	210.000	6122.500	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	7.000	1.000	4191.000	.350	4541.000	.230	4978.000	.051	5004.000	.200
NH	5141.000	.350	5591.000	1.000	5786.000	.000	.000	.000	.000	.000

Cross Section P

X1	24090.000	33.000	4978.000	5004.000	688.500	628.500	773.500	.000	.000	.000
GR	220.000	4121.000	215.000	4191.000	210.000	4261.000	200.000	4381.000	190.000	4461.000
GR	183.330	4541.000	180.000	4581.000	172.440	4898.000	172.140	4908.000	172.740	4918.000
GR	172.540	4928.000	172.240	4938.000	172.140	4948.000	172.140	4958.000	172.440	4978.000
GR	170.940	4979.000	169.440	4982.000	169.640	4986.000	169.540	4991.000	169.740	4996.000
GR	170.940	5003.000	173.140	5004.000	173.640	5014.000	173.440	5024.000	174.040	5034.000
GR	174.040	5040.990	180.000	5041.000	188.000	5141.000	190.000	5166.000	200.000	5506.000
GR	206.070	5591.000	210.000	5646.000	220.000	5786.000	.000	.000	.000	.000
NH	7.000	1.000	4461.000	.350	4811.000	.230	4988.000	.051	5014.000	.200
NH	5211.000	.350	5611.000	1.000	5686.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	10.410

Cross Section Q

X1	25280.000	35.000	4988.000	5014.000	1100.000	1050.000	1190.000	.000	.000	.000
GR	230.000	4231.000	220.000	4381.000	215.430	4461.000	210.000	4556.000	200.000	4736.000
GR	190.000	4796.000	188.120	4811.000	180.000	4876.000	174.370	4908.000	174.070	4918.000
GR	174.670	4928.000	174.470	4938.000	174.170	4948.000	174.070	4958.000	174.070	4968.000
GR	174.370	4988.000	172.870	4989.000	171.370	4992.000	171.570	4996.000	171.470	5001.000
GR	171.670	5006.000	172.870	5013.000	175.070	5014.000	175.570	5024.000	175.370	5034.000
GR	175.970	5044.000	175.970	5051.000	180.000	5171.000	184.210	5211.000	190.000	5266.000
GR	200.000	5406.000	210.000	5516.000	220.000	5591.000	222.110	5611.000	230.000	5686.000
NH	6.000	1.000	4517.000	.350	4667.000	.230	4984.000	.051	5010.000	.200
NH	5192.000	.350	5257.000	.000	.000	.000	.000	.000	.000	.000

Cross Section R

X1	26200.000	30.000	4984.000	5010.000	940.000	945.000	920.000	.000	.000	.000
GR	220.000	3897.000	210.000	4047.000	200.000	4272.000	195.330	4517.000	192.480	4667.000
GR	190.000	4797.000	175.860	4904.000	175.560	4914.000	176.160	4924.000	175.960	4934.000
GR	175.660	4944.000	175.560	4954.000	175.560	4964.000	175.860	4984.000	174.360	4985.000
GR	172.860	4988.000	173.060	4992.000	172.960	4997.000	173.160	5002.000	174.360	5009.000
GR	176.560	5010.000	177.060	5020.000	176.860	5030.000	177.460	5040.000	177.460	5047.000
GR	190.000	5072.000	200.000	5117.000	210.000	5177.000	211.880	5192.000	220.000	5257.000

NH	5.000	1.000	4600.000	.330	4989.000	.051	5011.010	.290	5300.000	1.000
NH	5980.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
QT	9.000	465.000	840.000	1200.000	1815.000	2410.000	3060.000	6885.000	5320.000	3060.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	5.410
X1	27616.000	41.000	4989.000	5011.010	1411.040	1441.040	1416.040	.000	.000	.000
GR	219.680	3650.000	209.680	4100.000	199.680	4440.000	194.010	4600.000	187.660	4779.000
GR	186.860	4829.000	184.860	4879.000	184.460	4929.000	177.760	4978.980	177.760	4978.990
GR	177.760	4979.010	177.370	4989.000	177.370	4989.010	177.360	4989.250	177.310	4989.500
GR	175.800	4992.000	175.260	4999.500	175.260	4999.510	175.160	5000.000	175.350	5000.500
GR	175.360	5000.510	175.700	5004.000	179.170	5010.510	179.260	5010.750	179.240	5011.000
GR	179.240	5011.010	178.460	5020.970	178.460	5020.980	178.460	5020.990	178.460	5021.000
GR	188.510	5071.000	188.660	5121.000	189.160	5171.000	190.060	5221.000	196.450	5300.000
GR	199.680	5340.000	209.680	5500.000	219.680	5680.000	229.680	5780.000	239.680	5900.000
GR	249.680	5980.000	.000	.000	.000	.000	.000	.000	.000	.000

NC	.000	.000	.000	.300	.500	.000	.000	.000	.000	.000
NH	5.000	1.000	4600.000	.330	4979.010	.051	5021.000	.290	5300.000	1.000
NH	5980.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	4.410
X1	27784.000	41.000	4979.010	5021.000	167.960	167.960	167.960	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	187.300	187.300	.000
GR	220.000	3650.000	210.000	4100.000	200.000	4440.000	194.330	4600.000	187.980	4779.000
GR	187.180	4829.000	185.180	4879.000	184.780	4929.000	178.080	4978.980	178.080	4978.990
GR	178.080	4979.010	177.690	4989.000	177.690	4989.010	177.680	4989.250	177.630	4989.500
GR	177.630	4989.510	175.580	4999.500	175.580	4999.510	175.480	5000.000	175.670	5000.500
GR	175.680	5000.510	179.480	5010.500	179.490	5010.510	179.580	5010.750	179.560	5011.000
GR	179.560	5011.010	178.780	5020.970	178.780	5020.980	178.780	5020.990	178.780	5021.000
GR	188.830	5071.000	188.980	5121.000	189.480	5171.000	190.380	5221.000	196.770	5300.000
GR	200.000	5340.000	210.000	5500.000	220.000	5680.000	230.000	5780.000	240.000	5900.000
GR	250.000	5980.000	.000	.000	.000	.000	.000	.000	.000	.000

NH	5.000	1.000	4600.000	.330	4978.990	.051	5021.000	.290	5300.000	1.000
NH	5980.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
SB	1.250	1.760	2.700	.000	30.000	2.000	276.000	.214	175.480	175.480

US 401

X1	27836.000	41.000	4978.990	5021.000	52.000	52.000	52.000	.000	.000	.000
X2	.000	.000	1.000	184.690	188.620	.000	.000	.000	.000	.000
X3	10.000	.000	.000	.000	.000	.000	.000	188.620	188.830	.000
BT	-41.000	3650.000	220.000	220.000	4100.000	210.000	210.000	4440.000	200.000	200.000
BT	.000	4600.000	194.330	194.330	4779.000	188.980	187.980	4829.000	188.250	187.180
BT	.000	4879.000	188.620	185.180	4929.000	188.660	184.780	4978.980	189.100	178.080
BT	.000	4978.990	189.100	178.080	4979.010	189.100	184.710	4989.000	189.100	184.710
BT	.000	4989.010	189.100	177.690	4989.250	189.100	177.680	4989.500	189.090	177.630
BT	.000	4989.510	189.090	184.700	4999.500	189.090	184.700	4999.510	189.090	175.580
BT	.000	5000.000	189.090	175.480	5000.500	189.090	175.670	5000.510	189.090	184.700
BT	.000	5010.500	189.080	184.690	5010.510	189.080	179.490	5010.750	189.080	179.580
BT	.000	5011.000	189.080	179.560	5011.010	189.080	184.690	5020.970	189.080	184.690
BT	.000	5020.980	189.080	184.690	5020.990	189.080	184.690	5021.000	189.080	178.780
BT	.000	5071.000	188.830	188.830	5121.000	188.980	188.980	5171.000	189.480	189.480
BT	.000	5221.000	190.380	190.380	5300.000	196.770	196.770	5340.000	200.000	200.000
BT	.000	5500.000	210.000	210.000	5680.000	220.000	220.000	5780.000	230.000	230.000

BT	.000	5900.000	240.000	240.000	5980.000	250.000	250.000	.000	.000	.000
GR	220.000	3650.000	210.000	4100.000	200.000	4440.000	194.330	4600.000	187.980	4779.000
GR	187.180	4829.000	185.180	4879.000	184.780	4929.000	178.080	4978.980	178.080	4978.990
GR	178.080	4779.010	177.690	4989.000	177.690	4989.010	177.680	4989.250	177.630	4989.500
GR	177.630	4989.510	175.580	4999.500	175.580	4999.510	175.480	5000.000	175.670	5000.500
GR	175.680	5000.510	179.480	5010.500	179.490	5010.510	179.580	5010.750	179.560	5011.000
GR	179.560	5011.010	178.780	5020.970	178.780	5020.980	178.780	5020.990	178.780	5021.000
GR	188.830	5071.000	188.980	5121.000	189.480	5171.000	190.380	5221.000	196.770	5300.000
GR	200.000	5340.000	210.600	5500.000	220.000	5680.000	230.000	5780.000	240.000	5900.000
GR	250.000	5980.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	5.000	1.000	4600.000	.330	4989.000	.051	5011.010	.290	5300.000	1.000
NH	5980.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	5.410
X1	27877.000	41.000	4989.000	5011.010	41.990	41.990	41.990	.000	.000	.000
GR	220.140	3550.000	210.140	4100.000	200.140	4440.000	194.470	4600.000	188.120	4779.000
GR	187.320	4829.000	185.320	4879.000	184.920	4929.000	178.220	4978.980	178.220	4978.990
GR	178.220	4979.010	177.830	4989.000	177.830	4989.010	177.820	4989.250	177.770	4989.500
GR	176.200	4992.000	175.720	4999.500	175.720	4999.510	175.620	5000.000	175.810	5000.500
GR	175.820	5000.510	176.100	5004.000	179.630	5010.510	179.720	5010.750	179.700	5011.000
GR	179.700	5011.010	178.920	5020.970	178.920	5020.980	178.920	5020.990	178.920	5021.000
GR	188.970	5071.000	189.120	5121.000	189.620	5171.000	190.520	5221.000	196.910	5300.000
GR	200.140	5340.000	210.140	5500.000	220.140	5680.000	230.140	5780.000	240.140	5900.000
GR	250.140	5980.000	.000	.000	.000	.000	.000	.000	.000	.000
NC	.000	.000	.000	.100	.300	.000	.000	.000	.000	.000
NH	5.000	1.000	4550.000	.330	4987.000	.053	5013.000	.290	5350.000	1.000
NH	6105.000	.000	.000	.000	.600	.000	.000	.000	.000	.000

Cross Section S

X1	28060.000	31.000	4987.000	5013.000	239.010	229.010	182.010	.000	.000	.000
GR	220.000	3800.000	210.000	4250.000	200.000	4550.000	190.000	4840.000	179.010	4907.000
GR	178.710	4917.000	179.310	4927.000	179.110	4937.000	178.810	4947.000	178.710	4957.000
GR	178.710	4967.000	179.010	4987.000	177.510	4988.000	176.010	4991.000	176.210	4995.000
GR	176.110	5000.000	176.310	5005.000	177.510	5012.000	179.710	5013.000	180.210	5023.000
GR	180.010	5033.000	180.610	5043.000	180.610	5050.000	190.000	5190.000	198.890	5350.000
GR	200.000	5370.000	210.000	5520.000	220.000	5670.000	230.000	5895.000	240.000	6005.000
GR	250.000	6105.000	.000	.000	.000	.000	.000	.000	.000	.000
NH	6.000	1.000	4400.000	.250	4650.000	.180	4989.000	.053	5011.000	.250
NH	5400.000	.350	5605.000	.000	.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	10.410

Cross Section T

X1	30080.000	33.000	4989.000	5011.000	1870.000	2245.000	2020.000	.000	.000	.000
GR	220.000	4300.000	211.300	4400.000	210.000	4415.000	200.000	4540.000	195.000	4650.000
GR	190.000	4760.000	184.680	4908.000	185.080	4918.000	184.680	4928.000	185.480	4935.000
GR	184.680	4942.000	185.280	4948.000	184.680	4958.000	184.580	4968.000	183.780	4978.000
GR	183.980	4989.000	182.980	4992.000	180.580	4994.000	180.280	4995.000	180.980	4998.000
GR	181.280	5003.000	183.980	5008.000	185.180	5011.000	185.480	5018.000	185.980	5028.000
GR	184.680	5038.000	185.380	5048.000	184.380	5058.000	184.380	5068.000	184.880	5078.000
GR	190.000	5215.000	194.740	5400.000	200.000	5605.000	.000	.000	.000	.000

NH	7.000	1.000	4206.000	.250	4556.000	.180	4995.000	.053	5017.000	.220
NH	5201.000	.350	5456.000	1.000	6316.000	.000	.000	.000	.000	.000

Cross Section U

X1	31900.000	42.000	4995.000	5017.000	1915.000	1735.000	1820.000	.000	.000	.000
GR	240.000	3281.000	230.000	3381.000	220.000	3456.000	210.000	3696.000	200.000	3846.000
GR	200.000	3971.000	200.000	4151.000	200.000	4206.000	200.000	4391.000	194.310	4556.000
GR	190.000	4681.000	188.470	4914.000	188.870	4924.000	188.470	4934.000	189.270	4941.000
GR	188.470	4948.000	189.070	4954.000	188.470	4964.000	188.370	4974.000	187.570	4984.000
GR	187.770	4995.000	186.770	4998.000	184.370	5000.000	184.070	5001.000	184.770	5004.000
GR	185.070	5009.000	187.770	5014.000	188.970	5017.000	189.270	5024.000	189.770	5034.000
GR	188.470	5044.000	189.170	5054.000	188.170	5064.000	188.170	5074.000	188.670	5084.000
GR	190.000	5201.000	200.000	5311.000	210.000	5401.000	213.440	5456.000	220.000	5561.000
GR	230.000	5691.000	240.000	6316.000	.000	.000	.000	.000	.000	.000

NH	7.000	1.000	4182.000	.250	4542.000	.180	4972.000	.053	5002.000	.220
NH	5187.000	.350	5437.000	1.000	5747.000	.000	.000	.000	.000	.000
X1	32480.000	34.000	4972.000	5002.000	550.000	650.000	580.000	.000	.000	.000
GR	230.000	3797.000	220.000	3947.000	210.000	4042.000	200.000	4182.000	195.000	4272.000
GR	200.000	4362.000	205.000	4452.000	200.000	4542.000	190.000	4907.000	192.100	4942.000
GR	192.000	4952.000	191.900	4972.000	190.100	4974.000	185.500	4978.000	185.600	4980.000
GR	185.300	4982.000	188.000	4988.000	188.800	4994.000	190.100	5000.000	192.200	5002.000
GR	191.800	5012.000	191.200	5022.000	190.700	5027.000	192.200	5037.000	191.800	5047.000
GR	192.700	5057.000	192.500	5066.990	190.000	5067.000	195.850	5187.000	200.000	5272.000
GR	210.000	5412.000	212.000	5437.000	220.000	5537.000	230.000	5747.000	.000	.000

NH	7.000	1.000	4300.000	.250	4600.000	.180	4985.000	.053	5015.000	.220
NH	5250.000	.350	5600.000	1.000	5940.000	.000	.000	.000	.000	.000
ET	.000	.000	.000	.000	.000	.000	.000	.000	.000	8.410

Cross Section V

X1	33140.000	32.000	4985.000	5015.000	700.000	600.000	660.000	.000	.000	.000
GR	240.000	3610.000	230.000	3735.000	221.170	4300.000	220.000	4375.000	210.000	4525.000
GR	205.160	4600.000	200.000	4680.000	193.490	4955.000	193.390	4965.000	193.290	4985.000
GR	191.490	4987.000	186.890	4991.000	186.990	4993.000	186.690	4995.000	189.390	5001.000
GR	190.190	5007.000	191.490	5013.000	193.590	5015.000	193.190	5025.000	192.590	5035.000
GR	192.090	5040.000	193.590	5050.000	193.190	5060.000	194.090	5070.000	193.890	5080.000
GR	200.000	5240.000	200.800	5250.000	210.000	5365.000	220.000	5440.000	229.140	5600.000
GR	230.000	5615.000	240.000	5940.000	.000	.000	.000	.000	.000	.000

NH	7.000	1.000	4547.000	.250	4747.000	.180	4982.000	.053	5012.000	.220
NH	5297.000	.350	5597.000	1.000	6652.000	.000	.000	.000	.000	.000
X1	34030.000	33.000	4982.000	5012.000	870.000	825.000	890.000	.000	.000	.000
GR	250.000	4182.000	240.000	4302.000	230.000	4407.000	223.330	4547.000	220.000	4617.000
GR	210.000	4672.000	200.000	4732.000	199.680	4747.000	195.380	4952.000	195.280	4962.000
GR	195.180	4982.000	193.380	4984.000	188.780	4988.000	188.880	4990.000	188.580	4992.000
GR	191.280	4998.000	192.080	5004.000	193.380	5010.000	195.480	5012.000	195.080	5022.000
GR	194.480	5032.000	193.980	5037.000	195.480	5047.000	195.080	5057.000	195.980	5067.000
GR	195.780	5077.000	199.350	5297.000	200.000	5337.000	203.380	5597.000	210.000	6107.000
GR	220.000	6352.000	230.000	6517.000	240.000	6652.000	.000	.000	.000	.000

THIS RUN EXECUTED 03-26-87 15:07:03

 HEC2 RELEASE DATED NOV 76 UPDATED MAY 1984
 ERROR CORR - 01,02,03,04,05,06
 MODIFICATION - 50,51,52,53,54,55,56
 IBM-PC-XT VERSION AUGUST 1985

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

PUPPY CREEK

SUMMARY PRINTOUT TABLE 110

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
<i>Natural</i> 500.000	142.76	-7.24	143.02	486.27	1011.47	1605.33	863.20	.00	.00	4985.00	5015.00	.00
<i>Floodway</i> 500.000	142.76	.00	143.22	265.58	851.10	1957.80	671.10	.20	4856.40	4985.00	5015.00	5121.99
886.540	144.07	.00	144.76	300.72	852.20	2501.49	126.31	.00	.00	4979.76	5020.25	.00
886.540	144.53	.46	145.37	143.62	704.66	2775.34	.00	.12	4876.63	4979.76	5020.25	5020.25
1048.500	145.13	.00	145.68	309.68	909.49	2429.09	141.42	.00	.00	4979.76	5020.25	.00
1048.500	145.66	.53	146.30	166.10	809.97	2670.03	.00	.11	4854.15	4979.76	5020.25	5020.25
1071.500	146.08	.00	146.49	332.43	1028.68	2259.54	191.78	.00	.00	4981.25	5018.75	.00
1071.500	146.91	.83	147.40	166.10	922.45	2538.77	18.78	.10	4854.15	4981.25	5018.75	5020.25
1111.900	146.24	.00	146.62	336.06	999.10	2305.35	175.55	.00	.00	4979.76	5020.25	.00
1111.900	147.14	.90	147.54	194.41	984.11	2488.50	7.39	.10	4827.75	4979.76	5020.25	5022.16
1370.000	146.90	.00	147.04	460.79	1514.60	1680.93	284.47	.00	.00	4985.00	5019.00	.00
1370.000	147.77	.87	147.92	264.60	1535.80	1789.81	154.39	.09	4773.58	4985.00	5019.00	5038.18
2600.000	148.67	.00	148.98	294.72	856.83	1920.51	702.65	.00	.00	4986.50	5013.50	.00
2600.000	149.40	.73	149.82	116.76	718.20	2217.11	544.69	.16	4930.40	4986.50	5013.50	5047.16
4210.000	151.22	.00	151.36	424.37	1210.35	1635.82	633.83	.00	.00	4984.50	5015.50	.00
4210.000	152.15	.94	152.34	239.76	1135.04	1864.39	480.56	.17	4872.82	4984.50	5015.50	5112.58
4635.000	151.69	.00	151.87	397.09	1258.75	1779.35	441.89	.00	.00	4987.50	5018.50	.00
4635.000	152.62	.93	152.86	180.24	1212.89	2039.23	227.88	.17	4870.43	4987.50	5018.50	5050.67
6230.000	154.13	.00	154.35	343.10	948.68	1583.81	947.50	.00	.00	4988.50	5011.50	.00
6230.000	155.11	.98	155.38	165.13	877.93	1796.49	805.57	.17	4903.77	4988.50	5011.50	5068.89
7320.000	156.22	.00	156.59	244.03	901.96	2275.95	302.09	.00	.00	4984.50	5015.50	.00
7320.000	157.16	.95	157.61	107.71	819.40	2550.49	110.11	.16	4917.91	4984.50	5015.50	5025.62

SECNO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
8680.000	158.41	.00	158.66	277.29	657.49	2534.77	287.74	.00	.00	4979.50	5020.50	.00
8680.000	159.38	.97	159.69	115.64	565.60	2867.38	47.02	.15	4912.79	4977.50	5020.50	5028.43
10080.000	159.89	.00	160.02	523.77	1167.96	1757.37	424.67	.00	.00	4983.00	5017.00	.00
10080.000	160.90	1.01	161.06	178.19	1159.43	1992.91	197.66	.18	4860.53	4983.00	5017.00	5038.72
10927.000	160.72	.00	160.93	343.68	544.41	2775.74	29.85	.00	.00	4961.51	5038.50	.00
10927.000	161.69	.98	161.96	123.37	155.65	3194.35	.00	.17	4915.14	4961.51	5038.50	5038.50
11235.000	161.12	.00	161.34	305.58	547.75	2802.25	.00	.00	.00	4961.51	5038.50	.00
11235.000	162.07	.95	162.35	112.65	118.80	3231.20	.00	.18	4925.85	4961.51	5038.50	5038.50
11265.000	161.98	.00	162.15	310.88	670.43	2679.57	.00	.00	.00	4964.50	5036.50	.00
11265.000	162.87	.89	163.11	112.65	150.20	3191.49	8.31	.17	4925.85	4964.50	5036.50	5038.50
11341.000	162.07	.00	162.23	358.54	642.89	2662.57	44.54	.00	.00	4961.51	5038.50	.00
11341.000	163.00	.73	163.19	162.45	319.50	3030.50	.00	.16	4876.05	4961.51	5038.50	5038.50
11860.000	162.53	.00	162.64	631.86	766.97	1720.34	862.69	.00	.00	4975.00	5009.00	.00
11860.000	163.46	.93	163.60	257.91	663.65	1886.83	799.52	.14	4866.50	4975.00	5009.00	5124.42
12060.000	162.66	.00	162.78	518.23	698.72	1749.86	901.42	.00	.00	4974.00	5008.00	.00
12060.000	163.59	.93	163.73	246.41	576.53	1920.17	853.29	.14	4884.96	4974.00	5008.00	5131.37
13110.000	163.60	.00	163.93	305.01	731.63	2291.67	326.70	.00	.00	4989.00	5023.00	.00
13110.000	164.48	.88	164.91	122.45	619.37	2618.15	112.49	.16	4915.62	4989.00	5023.00	5038.07
14250.000	165.50	.00	165.73	482.09	664.64	2015.71	669.64	.00	.00	4980.00	5014.00	.00
14250.000	166.45	.95	166.75	184.62	503.20	2309.04	537.75	.19	4914.35	4980.00	5014.00	5098.97
15970.000	168.17	.00	168.49	392.68	760.49	2187.26	402.25	.00	.00	4984.00	5018.00	.00
15970.000	169.14	.96	169.53	141.45	669.07	2493.30	187.62	.19	4894.66	4984.00	5018.00	5036.11
17820.000	171.49	.00	171.80	310.24	641.15	2143.90	414.94	.00	.00	4989.00	5023.00	.00
17820.000	172.46	.96	172.85	124.10	518.15	2452.12	229.73	.18	4923.35	4989.00	5023.00	5047.45
19000.000	173.56	.00	173.87	344.36	664.09	2131.45	404.46	.00	.00	4991.00	5025.00	.00
19000.000	174.54	.98	174.94	131.00	554.71	2457.11	188.18	.18	4918.42	4991.00	5025.00	5049.42
19500.000	174.40	.00	174.63	541.54	923.71	1928.24	348.05	.00	.00	4996.00	5030.00	.00
19500.000	175.42	1.02	175.72	206.51	906.06	2213.24	80.70	.19	4834.40	4996.00	5030.00	5040.90
20510.000	175.82	.00	175.95	422.24	1522.08	1359.13	318.79	.00	.00	4982.00	5008.00	.00
20510.000	176.84	1.02	176.99	218.34	1588.00	1506.81	105.19	.14	4802.76	4982.00	5008.00	5021.10
22010.000	177.77	.00	178.00	302.05	886.37	1575.09	738.54	.00	.00	4994.00	5020.00	.00
22010.000	178.62	.85	178.86	182.09	824.15	1670.75	705.10	.09	4920.71	4994.00	5020.00	5102.81
22843.000	179.38	.00	179.98	260.95	344.76	2294.86	560.37	.00	.00	4985.00	5015.00	.00
22843.000	180.02	.64	180.60	139.88	289.08	2370.04	540.88	.06	4937.00	4985.00	5015.00	5076.88

SECCO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
23027.000	180.09	.00	180.43	281.59	231.99	2505.25	462.76	.00	.00	4977.01	5023.00	.00
23027.000	180.67	.58	181.01	138.76	167.15	2604.25	426.60	.06	4938.77	4977.01	5023.00	5077.53
23052.000	180.78	.00	181.07	315.94	273.58	2390.65	535.77	.00	.00	4978.50	5021.50	.00
23052.000	181.61	.83	181.91	138.76	195.34	2523.63	481.03	.06	4938.77	4978.50	5021.50	5077.53
23098.000	180.77	.00	181.22	310.87	394.34	2196.86	608.80	.00	.00	4985.00	5015.00	.00
23098.000	181.61	.84	182.03	154.97	346.96	2260.64	592.40	.06	4929.62	4985.00	5015.00	5084.59
23253.000	181.16	.00	181.45	481.48	113.66	2907.28	179.06	.00	.00	5000.50	5045.51	.00
23253.000	181.98	.82	182.23	367.67	92.42	2878.02	229.57	.02	4981.75	5000.50	5045.51	5349.41
23276.000	182.12	.00	182.12	563.21	.19	3196.05	3.76	.00	.00	5000.50	5437.00	.00
23276.000	182.78	.66	182.78	436.50	.00	3200.00	.00	.00	5000.50	5000.50	5437.00	5437.00
23316.000	182.12	.00	182.12	563.41	.19	3196.03	3.77	.00	.00	5000.50	5437.00	.00
23316.000	182.78	.66	182.78	436.50	.00	3200.00	.00	.00	5000.50	5000.50	5437.00	5437.00
24090.000	182.08	.00	182.18	510.97	1710.43	1235.31	254.26	.00	.00	4978.00	5004.00	.00
24090.000	182.74	.66	182.83	395.01	1748.22	1223.63	228.16	.02	4640.98	4978.00	5004.00	5035.98
25280.000	183.15	.00	183.34	350.05	895.47	1476.84	827.70	.00	.00	4988.00	5014.00	.00
25280.000	183.68	.53	183.95	188.98	766.06	1711.74	722.20	.18	4915.72	4988.00	5014.00	5104.69
26200.000	184.58	.00	184.89	223.18	1078.12	1736.25	385.63	.00	.00	4984.00	5010.00	.00
26200.000	185.27	.69	185.69	126.65	1026.64	1996.50	176.86	.16	4901.30	4984.00	5010.00	5027.96
27616.000	187.86	.00	188.66	294.55	594.41	2161.19	304.40	.00	.00	4989.00	5011.01	.00
27616.000	188.63	.77	189.50	118.46	562.53	2323.05	174.42	.09	4908.75	4989.00	5011.01	5027.22
27784.000	188.76	.00	189.15	313.71	376.16	2541.54	142.30	.00	.00	4979.01	5021.00	.00
27784.000	189.57	.81	189.98	128.74	329.69	2698.17	32.13	.07	4898.83	4979.01	5021.00	5027.57
27836.000	189.68	.00	189.98	451.20	436.02	2457.18	166.79	.00	.00	4978.99	5021.00	.00
27836.000	190.68	1.00	191.01	128.74	355.70	2673.14	31.16	.07	4898.83	4978.99	5021.00	5027.57
27877.000	189.63	.00	190.16	435.33	703.96	2020.77	335.27	.00	.00	4989.00	5011.01	.00
27877.000	190.63	1.00	191.17	157.22	687.86	2141.74	230.40	.09	4877.18	4989.00	5011.01	5034.40
28060.000	190.29	.00	190.47	363.52	813.13	1650.27	596.59	.00	.00	4987.00	5013.00	.00
28060.000	191.26	.97	191.45	202.25	752.47	1750.49	557.04	.08	4895.27	4987.00	5013.00	5097.52
30080.000	192.47	.00	192.56	605.72	1325.33	930.20	804.47	.00	.00	4989.00	5011.00	.00
30080.000	193.34	.87	193.46	265.72	1310.90	1095.22	653.88	.21	4846.42	4989.00	5011.00	5112.14
31900.000	194.56	.00	194.62	702.49	1648.14	689.26	722.60	.00	.00	4995.00	5017.00	.00
31900.000	195.53	.97	195.61	386.07	1759.73	831.94	468.33	.24	4720.47	4995.00	5017.00	5106.53
32480.000	195.54	.00	195.89	495.21	1019.24	1489.45	551.31	.00	.00	4972.00	5002.00	.00
32480.000	196.42	.88	196.96	174.71	942.42	1852.54	265.04	.28	4869.42	4972.00	5002.00	5044.13

SECHO	CWSEL	DIFKWS	EG	TOPWID	QLOB	QCH	QROB	PERENC	STENCL	STCHL	STCHR	STENCR
33140.000	198.33	.00	198.75	445.41	680.05	1788.00	591.95	.00	.00	4985.00	5015.00	.00
33140.000	199.28	.95	199.81	150.25	585.25	2058.97	415.78	.21	4915.42	4985.00	5015.00	5065.67
34030.000	200.91	.00	201.10	680.24	766.82	1433.57	859.61	.00	.00	4982.00	5012.00	.00
34030.000	201.82	.91	202.05	259.49	651.67	1634.45	773.87	.21	4887.01	4982.00	5012.00	5146.50
34690.000	202.30	.00	202.62	371.98	798.13	1698.41	563.47	.00	.00	4979.00	5009.00	.00
34690.000	203.14	.84	203.54	169.38	731.43	1935.32	393.25	.19	4887.16	4979.00	5009.00	5056.55
35980.000	205.05	.00	205.24	661.50	354.23	1895.41	810.37	.00	.00	4974.50	5025.50	.00
35980.000	205.91	.86	206.17	264.31	25.03	2255.71	779.26	.23	4969.89	4974.50	5025.50	5234.19

FLOODWAY DATA, PUPPY CREEK
PROFILE NO. 2

STATION	WIDTH	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
500.000	266.	1833.	1.9	142.8	142.8	.0
886.540	144.	865.	4.0	144.6	144.1	.5
1048.500	166.	1061.	3.3	145.6	145.1	.5
1071.500	166.	1270.	2.7	146.9	146.1	.8
1111.900	194.	1478.	2.4	147.1	146.2	.9
1370.000	265.	2505.	1.4	147.8	146.9	.9
2600.000	117.	1256.	2.8	149.4	148.7	.7
4210.000	240.	2191.	1.6	152.1	151.2	.9
4635.000	180.	1768.	2.0	152.6	151.7	.9
6250.000	165.	1637.	2.1	155.1	154.1	1.0
7320.000	108.	1113.	3.1	157.1	156.2	.9
8680.000	116.	1272.	2.7	159.4	158.4	1.0
10080.000	178.	1732.	1.9	160.9	159.9	1.0
10927.000	123.	953.	3.5	161.7	160.7	1.0
11235.000	113.	905.	3.7	162.1	161.1	1.0
11265.000	113.	995.	3.4	162.9	162.0	.9
11341.000	162.	1233.	2.7	163.0	162.1	.9
11860.000	258.	2367.	1.4	163.4	162.5	.9
12060.000	246.	2229.	1.5	163.6	162.7	.9
13110.000	122.	1156.	2.9	164.5	163.6	.9
14250.000	185.	1599.	2.1	166.4	165.5	.9
15970.000	141.	1221.	2.7	169.2	168.2	1.0
17820.000	124.	1118.	2.9	172.5	171.5	1.0
19800.000	131.	1164.	2.8	174.6	173.6	1.0
19500.000	207.	1571.	2.0	175.4	174.4	1.0
20510.000	218.	2199.	1.5	176.8	175.8	1.0
22010.000	182.	1672.	1.9	178.6	177.8	.8
22843.000	140.	1033.	3.1	180.0	179.4	.6
23027.000	139.	1145.	2.8	180.7	180.1	.6
23052.000	139.	1277.	2.5	181.6	180.8	.8
23098.000	155.	1283.	2.5	181.6	180.8	.8
23253.000	368.	1412.	2.3	182.0	181.2	.8
23276.000	437.	6190.	.5	182.8	182.1	.7
23316.000	437.	6190.	.5	182.8	182.1	.7
24090.000	395.	3316.	1.0	182.8	182.1	.7
25280.000	189.	1650.	1.9	183.6	183.1	.5
26200.000	127.	1244.	2.6	185.3	184.6	.7
27616.000	118.	997.	3.1	188.7	187.9	.8
27784.000	129.	1110.	2.8	189.6	188.8	.8
27836.000	129.	1253.	2.4	190.7	189.7	1.0
27377.000	157.	1422.	2.2	190.6	189.6	1.0
28060.000	202.	2341.	1.3	191.3	190.3	1.0



FLOODWAY DATA, PUPPY CREEK
PROFILE NO. 2

STATION	WIDTH	FLOODWAY		WATER SURFACE ELEVATION		
		SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
30080.000	266.	2235.	1.4	193.4	192.5	.9
31900.000	386.	2626.	1.2	195.6	194.6	1.0
32480.000	175.	992.	3.1	196.4	195.5	.9
33140.000	150.	993.	3.1	199.2	198.3	.9
34030.000	259.	1694.	1.8	201.8	200.9	.9
34690.000	169.	1175.	2.6	203.1	202.3	.8
35980.000	264.	1515.	2.0	205.9	205.0	.9

