

LITTLE

ROCKFISH

CREEK

DATA EXTRACT FOR:
LITTLE ROCKFISH CR HOPE MILLS FLOODWAY

SECNO	STCHL	CFACL	STCHW	SSTA	ENDSI	CFSETL	CFSETR	CWSEL
0.100	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.100	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.110	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.110	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.120	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.120	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.130	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.130	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.140	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.140	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.200	1050.00	1108.00	1166.00	1075.	1209.	33.	101.	76.3
0.200	1050.00	1108.00	1166.00	1075.	1209.	33.	101.	76.3
0.300	1400.00	1500.00	1600.00	1424.	1574.	76.	74.	76.5
0.300	1400.00	1500.00	1600.00	1424.	1574.	76.	74.	76.5
0.400	1400.00	1500.00	1600.00	1424.	1574.	76.	74.	76.5
0.400	1400.00	1500.00	1600.00	1424.	1574.	76.	74.	76.5
0.500	1050.00	1108.00	1166.00	1075.	1209.	33.	101.	76.5
0.500	1050.00	1108.00	1166.00	1075.	1209.	33.	101.	76.5
0.600	1050.00	1108.00	1166.00	1075.	1210.	33.	102.	76.9
0.600	1050.00	1108.00	1166.00	1075.	1210.	33.	102.	76.9
10.000	1112.00	1127.50	1143.00	1078.	1171.	50.	44.	76.5
10.000	1112.00	1127.50	1143.00	1080.	1170.	48.	43.	76.5
11.000	1112.00	1127.50	1143.00	1078.	1171.	50.	44.	76.5
11.000	1112.00	1127.50	1143.00	1080.	1170.	48.	43.	76.5
12.000	1112.00	1127.50	1143.00	1078.	1171.	50.	44.	76.5
12.000	1112.00	1127.50	1143.00	1080.	1170.	48.	43.	76.5
15.000	1112.00	1127.50	1143.00	1078.	1171.	50.	44.	76.5
15.000	1112.00	1127.50	1143.00	1080.	1170.	48.	43.	76.5
180.000	1112.00	1127.50	1143.00	1077.	1172.	51.	45.	76.8
180.000	1112.00	1127.50	1143.00	1077.	1172.	51.	45.	76.8
591.000	1107.00	1120.50	1134.00	1081.	1163.	39.	42.	77.4
591.000	1107.00	1120.50	1134.00	1082.	1162.	39.	42.	77.4
641.000	1132.00	1200.00	1268.00	1150.	1257.	50.	57.	78.2
641.000	1132.00	1200.00	1268.00	1150.	1257.	50.	57.	78.2

669.000	1132.00	1200.00	1268.00	1150.	1257.	50.	57.	78.2
669.000	1132.00	1200.00	1268.00	1150.	1257.	50.	57.	78.2
719.000	1107.00	1120.50	1134.00	1079.	1168.	42.	47.	78.0
719.000	1107.00	1120.50	1134.00	1080.	1165.	41.	45.	78.0
760.000	1107.00	1120.50	1134.00	1076.	1172.	43.	51.	78.0
760.000	1107.00	1120.50	1134.00	1080.	1170.	41.	50.	78.0
3740.000	1045.00	1061.50	1078.00	1011.	1115.	51.	53.	82.3
3740.000	1045.00	1061.50	1078.00	1012.	1112.	50.	51.	82.3
6130.000	1136.00	1155.00	1174.00	1025.	1249.	130.	94.	85.2
6130.000	1136.00	1155.00	1174.00	1080.	1195.	75.	40.	85.4
8750.000	1160.00	1180.00	1200.00	1038.	1219.	142.	39.	87.2
8750.000	1160.00	1180.00	1200.00	1090.	1210.	90.	30.	87.9
12950.000	1083.00	1096.00	1109.00	1027.	1280.	69.	184.	93.2
12950.000	1083.00	1096.00	1109.00	1054.	1174.	42.	78.	93.6
13417.000	1119.00	1148.00	1177.00	1083.	1342.	65.	194.	93.9
13417.000	1119.00	1148.00	1177.00	1110.	1240.	38.	92.	94.4
13467.000	1296.00	1363.00	1430.00	1302.	1430.	61.	67.	93.9
13467.000	1296.00	1363.00	1430.00	1301.	1430.	62.	67.	94.4
13493.000	1296.00	1363.00	1430.00	1302.	1430.	61.	67.	93.9
13493.000	1296.00	1363.00	1430.00	1301.	1430.	62.	67.	94.4
13543.000	1119.00	1148.00	1177.00	1083.	1336.	68.	188.	94.0
13543.000	1119.00	1148.00	1177.00	1110.	1240.	38.	92.	94.4
13900.000	1119.00	1148.00	1177.00	1095.	1249.	53.	101.	94.0
13900.000	1119.00	1148.00	1177.00	1105.	1230.	43.	82.	94.4
15080.000	1300.00	1340.50	1381.00	1112.	1368.	228.	27.	94.8
15080.000	1300.00	1340.50	1381.00	1256.	1368.	85.	28.	95.1
16710.000	1035.00	1059.50	1084.00	1005.	1152.	55.	92.	94.7
16710.000	1035.00	1059.50	1084.00	1013.	1138.	47.	79.	95.1
16858.000	1035.00	1059.50	1084.00	1007.	1148.	53.	89.	94.7
16858.000	1035.00	1059.50	1084.00	1015.	1135.	45.	76.	95.1
16903.000	1035.00	1059.50	1084.00	1008.	1146.	51.	87.	94.7
16903.000	1035.00	1059.50	1084.00	1030.	1115.	30.	56.	95.0
16907.000	1390.00	1431.50	1473.00	1383.	1494.	49.	62.	95.0
16907.000	1390.00	1431.50	1473.00	1390.	1475.	42.	44.	95.1
16908.000	1390.00	1431.50	1473.00	1390.	1473.	42.	42.	95.1
16908.000	1390.00	1431.50	1473.00	1390.	1473.	42.	42.	95.1
16962.000	1390.00	1431.50	1473.00	1390.	1473.	42.	42.	95.4
16962.000	1390.00	1431.50	1473.00	1390.	1473.	42.	42.	95.4
17012.000	1025.00	1302.50	1580.00	1025.	1585.	278.	283.	103.1
17012.000	1025.00	1302.50	1580.00	1025.	1580.	278.	278.	103.1
18400.000	150.00	555.00	960.00	140.	965.	415.	410.	103.1
18400.000	150.00	555.00	960.00	150.	960.	405.	405.	103.1
20130.000	315.00	440.00	565.00	294.	589.	146.	149.	103.1
20130.000	315.00	440.00	565.00	315.	565.	125.	125.	103.1

21025.000	865.00	947.50	1030.00	862.	1034.	65.	87.	103.2
21025.000	865.00	947.50	1030.00	865.	1030.	83.	83.	103.2
21400.000	250.00	770.00	1290.00	215.	1311.	555.	541.	103.5
21400.000	250.00	770.00	1290.00	250.	1290.	520.	520.	103.5
21463.000	50.00	87.50	125.00	50.	125.	38.	38.	102.3
21463.000	50.00	87.50	125.00	50.	125.	38.	38.	102.3
21513.000	1150.00	1230.50	1311.00	1202.	1258.	28.	28.	101.7
21513.000	1150.00	1230.50	1311.00	1202.	1258.	28.	28.	101.7
21514.000	1150.00	1230.50	1311.00	1204.	1257.	27.	27.	101.6
21514.000	1150.00	1230.50	1311.00	1204.	1257.	27.	27.	101.6
21537.000	1150.00	1230.50	1311.00	1204.	1257.	27.	27.	102.3
21537.000	1150.00	1230.50	1311.00	1204.	1257.	27.	27.	102.3
21538.000	1150.00	1230.50	1311.00	1202.	1259.	29.	29.	102.6
21538.000	1150.00	1230.50	1311.00	1202.	1259.	29.	29.	102.6
21588.000	50.00	87.50	125.00	48.	128.	40.	41.	104.4
21588.000	50.00	87.50	125.00	50.	125.	38.	38.	104.4
21650.000	1280.00	1635.00	1990.00	1075.	2330.	560.	695.	106.0
21650.000	1280.00	1635.00	1990.00	1280.	1990.	355.	355.	106.0
22200.000	375.00	690.00	1005.00	310.	1065.	380.	375.	106.0
22200.000	375.00	690.00	1005.00	375.	1005.	315.	315.	106.0
23700.000	500.00	600.00	700.00	405.	709.	195.	169.	105.8
23700.000	500.00	600.00	700.00	500.	700.	100.	100.	105.8
24875.000	1236.00	1268.00	1300.00	1093.	1735.	175.	467.	109.5
24875.000	1236.00	1268.00	1300.00	1089.	1470.	179.	202.	110.0

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

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

LITTLE ROCKFISH CR

SUMMARY PRINTOUT

SECA0	CWSEL	EG	ELMIN	ELLC	10K*8	Q
0.100	75.18	75.64	51.50	0.00	8.36	9950.00
0.100	75.18	75.64	51.50	0.00	8.36	9950.00
0.110	75.18	75.64	51.50	0.00	8.36	9950.00
0.110	75.18	75.64	51.50	0.00	8.36	9950.00
0.120	75.18	75.64	51.50	0.00	8.35	9950.00
0.120	75.18	75.64	51.50	0.00	8.35	9950.00
0.130	75.18	75.64	51.50	0.00	8.35	9950.00
0.130	75.18	75.64	51.50	0.00	8.35	9950.00
0.140	75.19	75.64	51.50	0.00	8.34	9950.00
0.140	75.19	75.64	51.50	0.00	8.34	9950.00
0.200	76.33	76.80	51.90	0.00	8.86	9950.00
0.200	76.33	76.80	51.90	0.00	8.86	9950.00
0.300	76.49	76.86	51.90	0.00	5.74	9950.00
0.300	76.49	76.86	51.90	0.00	5.74	9950.00
0.400	76.55	76.91	51.90	88.00	5.67	9950.00
0.400	76.55	76.91	51.90	88.00	5.67	9950.00
0.500	76.50	76.90	52.00	0.00	9.05	9950.00
0.500	76.50	76.90	52.00	0.00	9.05	9950.00
0.600	76.87	77.13	52.30	0.00	4.79	7200.00
0.600	76.87	77.13	52.30	0.00	4.79	7200.00
10.000	76.51	77.39	52.20	0.00	15.02	7200.00
10.000	76.51	77.39	52.20	0.00	15.00	7200.00
11.000	76.51	77.39	52.20	0.00	15.02	7200.00
11.000	76.51	77.39	52.20	0.00	15.00	7200.00
12.000	76.51	77.39	52.20	0.00	15.01	7200.00
12.000	76.51	77.39	52.20	0.00	14.99	7200.00

SECNO	CWSEL	EG	ELMIN	ELLC	10K*8	0
15.000	76.52	77.40	52.20	0.00	15.00	7200.00
15.000	76.52	77.40	52.20	0.00	14.98	7200.00
180.000	76.81	77.63	51.90	0.00	13.53	7200.00
180.000	76.81	77.63	51.90	0.00	13.53	7200.00
591.000	77.41	78.38	52.20	0.00	19.96	7200.00
591.000	77.41	78.38	52.20	0.00	19.95	7200.00
641.000	78.19	78.55	52.30	0.00	5.83	7200.00
641.000	78.19	78.55	52.30	0.00	5.83	7200.00
669.000	78.22	78.57	52.30	86.90	5.80	7200.00
669.000	78.22	78.57	52.30	86.90	5.80	7200.00
719.000	78.00	78.80	51.30	0.00	15.39	7200.00
719.000	78.00	78.79	51.30	0.00	15.39	7200.00
760.000	78.04	78.87	50.70	0.00	15.20	7200.00
760.000	78.04	78.87	50.70	0.00	15.20	7200.00
3740.000	82.34	83.24	54.60	0.00	14.32	7200.00
3740.000	82.34	83.24	54.60	0.00	14.30	7200.00
6130.000	85.21	85.49	60.40	0.00	6.07	7200.00
6130.000	85.43	85.50	60.40	0.00	6.42	7200.00
8750.000	87.23	88.02	62.90	0.00	14.15	7200.00
8750.000	87.95	88.70	62.90	0.00	12.76	7200.00
12950.000	93.22	93.81	68.00	0.00	13.30	7200.00
12950.000	93.60	94.25	68.00	0.00	13.60	7200.00
13417.000	93.93	94.10	65.10	0.00	2.17	7200.00
13417.000	94.36	94.55	65.10	0.00	2.25	7200.00
13467.000	93.95	94.12	64.70	0.00	2.53	7200.00
13467.000	94.38	94.56	64.70	0.00	2.32	7200.00
13493.000	93.95	94.14	64.70	98.60	2.52	7200.00
13493.000	94.40	94.58	64.70	98.60	2.32	7200.00
13543.000	94.00	94.16	65.50	0.00	2.08	7200.00
13543.000	94.41	94.59	65.50	0.00	2.17	7200.00
13900.000	94.01	94.33	70.10	0.00	4.89	7200.00
13900.000	94.44	94.75	70.10	0.00	4.65	7200.00
15080.000	94.75	94.91	70.30	0.00	4.51	7200.00
15080.000	95.11	95.42	70.30	0.00	6.93	7200.00
16710.000	94.66	94.97	74.40	0.00	6.33	7200.00
16710.000	95.11	95.42	74.40	0.00	6.01	7200.00
16858.000	94.70	95.19	76.80	0.00	10.65	7200.00
16858.000	95.12	95.61	76.80	0.00	10.79	7200.00

SECKO	CWSEL	EG	ELMIN	ELLC	10K*5	G
16903.000	94.68	95.23	78.10	0.00	9.26	7200.00
16903.000	94.96	95.80	78.10	0.00	12.17	7200.00
* 16907.000	94.98	97.77	89.00	0.00	125.65	7200.00
* 16907.000	95.11	98.19	89.00	0.00	142.32	7200.00
* 16908.000	95.14	98.24	89.00	0.00	129.25	7200.00
* 16908.000	95.15	98.24	89.00	0.00	128.51	7200.00
* 16962.000	99.41	102.50	93.20	98.50	129.00	7200.00
* 16962.000	99.41	102.50	93.20	98.50	129.12	7200.00
17012.000	103.11	103.12	78.20	0.00	0.05	7200.00
17012.000	103.11	103.12	78.20	0.00	0.05	7200.00
18400.000	103.12	103.12	82.00	0.00	0.03	7200.00
18400.000	103.12	103.12	82.00	0.00	0.03	7200.00
20130.000	103.05	103.20	86.50	0.00	2.04	7200.00
20130.000	103.05	103.20	86.50	0.00	2.06	7200.00
21025.000	103.20	103.42	88.90	0.00	2.25	7200.00
21025.000	103.20	103.42	88.90	0.00	2.28	7200.00
21400.000	103.46	103.47	89.80	0.00	0.12	7200.00
21400.000	103.46	103.47	89.80	0.00	0.12	7200.00
21463.000	102.28	104.26	89.90	0.00	33.33	7200.00
21463.000	102.28	104.26	89.90	0.00	33.45	7200.00
21513.000	101.68	105.02	90.10	0.00	59.67	7200.00
21513.000	101.69	105.02	90.10	0.00	59.56	7200.00
21514.000	101.62	105.07	90.10	128.70	61.43	7200.00
21514.000	101.63	105.07	90.10	128.70	61.32	7200.00
21537.000	102.30	105.29	90.10	128.70	49.70	7200.00
21537.000	102.31	105.29	90.10	128.70	49.67	7200.00
21538.000	102.64	105.35	90.10	0.00	44.25	7200.00
21538.000	102.64	105.35	90.10	0.00	44.24	7200.00
21588.000	104.41	105.75	90.20	0.00	17.40	7200.00
21588.000	104.42	105.76	90.20	0.00	18.52	7200.00
21650.000	106.01	106.02	90.60	0.00	0.07	7100.00
21650.000	106.02	106.03	90.60	0.00	0.07	7100.00
22200.000	106.02	106.03	92.50	0.00	0.20	7100.00
22200.000	106.02	106.04	92.50	0.00	0.21	7100.00
23700.000	105.83	106.30	98.00	0.00	12.37	6400.00
23700.000	105.83	106.32	98.00	0.00	13.39	6400.00
24875.000	109.54	109.87	102.00	0.00	14.70	6400.00
24875.000	110.02	110.59	102.00	0.00	19.05	6400.00

LITTLE ROCKFISH CR

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
0.100	75.18	1104.94	1130.00	1227.00	1251.61	146.67
0.100	75.18	1104.94	1130.00	1227.00	1251.61	146.67
0.110	75.18	1104.94	1130.00	1227.00	1251.61	146.68
0.110	75.18	1104.94	1130.00	1227.00	1251.61	146.68
0.120	75.18	1104.94	1130.00	1227.00	1251.62	146.69
0.120	75.18	1104.94	1130.00	1227.00	1251.62	146.69
0.130	75.18	1104.93	1130.00	1227.00	1251.65	146.71
0.130	75.18	1104.93	1130.00	1227.00	1251.65	146.71
0.140	75.19	1104.93	1130.00	1227.00	1251.68	146.76
0.140	75.19	1104.93	1130.00	1227.00	1251.68	146.76
0.200	76.33	1074.77	1050.00	1166.00	1209.07	134.30
0.200	76.33	1074.77	1050.00	1166.00	1209.07	134.30
0.300	76.49	1423.93	1400.00	1600.00	1573.93	150.00
0.300	76.49	1423.93	1400.00	1600.00	1573.93	150.00
0.400	76.55	1423.86	1400.00	1600.00	1574.08	150.23
0.400	76.55	1423.86	1400.00	1600.00	1574.08	150.23
0.500	76.50	1074.65	1050.00	1166.00	1209.39	134.74
0.500	76.50	1074.65	1050.00	1166.00	1209.39	134.74
0.600	76.87	1074.53	1050.00	1166.00	1209.70	135.17
0.600	76.87	1074.53	1050.00	1166.00	1209.70	135.17
10.000	76.51	1077.78	1112.00	1143.00	1171.34	93.56
10.000	76.51	1080.00	1112.00	1143.00	1170.00	90.00
11.000	76.51	1077.78	1112.00	1143.00	1171.34	93.56
11.000	76.51	1080.00	1112.00	1143.00	1170.00	90.00
12.000	76.51	1077.78	1112.00	1143.00	1171.35	93.57
12.000	76.51	1080.00	1112.00	1143.00	1170.00	90.00
15.000	76.52	1077.77	1112.00	1143.00	1171.35	93.58
15.000	76.52	1080.00	1112.00	1143.00	1170.00	90.00
180.000	76.81	1076.58	1112.00	1143.00	1172.01	95.44
180.000	76.81	1077.00	1112.00	1143.00	1172.00	95.00
591.000	77.41	1081.21	1107.00	1134.00	1162.67	81.46
591.000	77.41	1082.00	1107.00	1134.00	1162.00	80.00
641.000	78.19	1149.89	1132.00	1268.00	1256.74	106.85
641.000	78.19	1149.89	1132.00	1268.00	1256.73	106.84
669.000	78.22	1149.84	1132.00	1268.00	1256.79	106.95
669.000	78.22	1149.84	1132.00	1268.00	1256.79	106.94

SECCO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
719.000	78.00	1078.82	1107.00	1134.00	1167.70	88.88
719.000	78.00	1080.00	1107.00	1134.00	1165.00	85.00
760.000	78.04	1077.79	1107.00	1134.00	1171.70	93.91
760.000	78.04	1080.00	1107.00	1134.00	1170.00	90.00
3740.000	82.34	1010.88	1045.00	1078.00	1114.62	103.74
3740.000	82.34	1012.00	1045.00	1078.00	1112.00	100.00
6130.000	85.21	1025.47	1136.00	1174.00	1248.69	223.22
6130.000	85.43	1080.00	1136.00	1174.00	1195.00	115.00
8750.000	87.23	1038.35	1160.00	1200.00	1219.44	181.09
8750.000	87.95	1090.00	1160.00	1200.00	1210.00	120.00
12950.000	93.22	1027.02	1083.00	1109.00	1280.29	253.28
12950.000	93.60	1054.00	1083.00	1109.00	1174.00	120.00
13417.000	93.93	1082.96	1119.00	1177.00	1342.39	259.43
13417.000	94.36	1110.00	1119.00	1177.00	1240.00	130.00
13467.000	93.93	1302.29	1296.00	1430.00	1430.00	127.71
13467.000	94.38	1301.40	1296.00	1430.00	1430.00	128.60
13493.000	93.95	1302.25	1296.00	1430.00	1430.00	127.75
13493.000	94.40	1301.39	1296.00	1430.00	1430.00	128.61
13543.000	94.00	1083.37	1119.00	1177.00	1336.36	252.99
13543.000	94.41	1110.00	1119.00	1177.00	1240.00	130.00
13900.000	94.01	1095.43	1119.00	1177.00	1248.68	193.25
13900.000	94.44	1105.00	1119.00	1177.00	1230.00	125.00
15080.000	94.75	1112.09	1300.00	1381.00	1367.83	255.74
15080.000	95.11	1256.00	1300.00	1381.00	1368.34	112.34
16710.000	94.66	1004.95	1035.00	1084.00	1151.61	148.86
16710.000	95.11	1013.00	1035.00	1084.00	1138.00	125.00
16858.000	94.70	1006.95	1035.00	1084.00	1148.18	141.23
16858.000	95.12	1015.00	1035.00	1084.00	1135.00	120.00
16903.000	94.68	1008.07	1035.00	1084.00	1146.27	138.20
16903.000	94.96	1030.00	1035.00	1084.00	1115.00	85.00
16907.000	94.98	1382.91	1390.00	1473.00	1493.59	110.67
16907.000	95.11	1390.00	1390.00	1473.00	1475.00	85.00
16908.000	95.14	1390.00	1390.00	1473.00	1473.00	83.00
16908.000	95.15	1390.00	1390.00	1473.00	1473.00	83.00
16962.000	99.41	1390.00	1390.00	1473.00	1473.00	83.00
16962.000	99.41	1390.00	1390.00	1473.00	1473.00	83.00
17012.000	103.11	1025.00	1025.00	1580.00	1585.04	560.04
17012.000	103.11	1025.00	1025.00	1580.00	1580.00	555.00

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SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
18400.000	103.12	139.81	150.00	960.00	965.09	825.28
18400.000	103.12	150.00	150.00	960.00	960.00	810.00
20130.000	103.05	293.80	315.00	565.00	588.55	294.75
20130.000	103.05	315.00	315.00	565.00	565.00	250.00
21025.000	103.20	862.22	865.00	1030.00	1034.48	172.26
21025.000	103.20	865.00	865.00	1030.00	1030.00	165.00
21400.000	103.46	215.02	250.00	1290.00	1310.99	1095.97
21400.000	103.46	250.00	250.00	1290.00	1290.00	1040.00
21463.000	102.28	49.90	50.00	125.00	125.13	75.23
21463.000	102.28	50.00	50.00	125.00	125.00	75.00
21513.000	101.68	1202.43	1150.00	1311.00	1258.21	55.78
21513.000	101.69	1202.43	1150.00	1311.00	1258.22	55.79
21514.000	101.62	1204.00	1150.00	1311.00	1257.00	53.00
21514.000	101.63	1204.00	1150.00	1311.00	1257.00	53.00
21537.000	102.30	1204.00	1150.00	1311.00	1257.00	53.00
21537.000	102.31	1204.00	1150.00	1311.00	1257.00	53.00
21538.000	102.64	1201.80	1150.00	1311.00	1259.21	57.41
21538.000	102.64	1201.80	1150.00	1311.00	1259.21	57.41
21588.000	104.41	47.56	50.00	125.00	128.21	80.65
21588.000	104.42	50.00	50.00	125.00	125.00	75.00
21650.000	106.01	1074.63	1280.00	1990.00	2330.30	1195.50
21650.000	106.02	1280.00	1280.00	1990.00	1990.00	710.00
22200.000	106.02	309.77	375.00	1005.00	1065.38	755.61
22200.000	106.02	375.00	375.00	1005.00	1005.00	630.00
23700.000	105.83	404.94	500.00	700.00	709.18	304.24
23700.000	105.83	500.00	500.00	700.00	700.00	200.00
24875.000	109.54	1093.01	1236.00	1300.00	1734.53	641.52
24875.000	110.02	1089.43	1236.00	1300.00	1470.00	380.57

SUMMARY OF ERRORS

- CAUTION SECNO=16907.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=16907.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=16907.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=16907.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=16907.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=16907.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=16908.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=16908.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=16908.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=16908.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=16908.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY

PRINTED IN U.S.A.

DATA EXTRACT FOR:
LITTLE ROCKFISH CR HUPE MILLS NATURAL'S

SECNO	STCHL	CHACL	STCHR	SSTA	ENDST	OFSETL	CFSETR	CWSEL
0.100	1130.00	1178.50	1227.00	1111.	1224.	67.	46.	70.3
0.100	1130.00	1178.50	1227.00	1107.	1241.	71.	62.	73.5
0.100	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.100	1130.00	1178.50	1227.00	1098.	1287.	80.	109.	79.2
0.110	1130.00	1178.50	1227.00	1111.	1224.	67.	46.	70.3
0.110	1130.00	1178.50	1227.00	1107.	1241.	71.	62.	73.5
0.110	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.110	1130.00	1178.50	1227.00	1098.	1287.	80.	109.	79.2
0.120	1130.00	1178.50	1227.00	1111.	1224.	67.	46.	70.3
0.120	1130.00	1178.50	1227.00	1107.	1241.	71.	62.	73.5
0.120	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.120	1130.00	1178.50	1227.00	1098.	1287.	80.	109.	79.2
0.130	1130.00	1178.50	1227.00	1111.	1224.	67.	46.	70.3
0.130	1130.00	1178.50	1227.00	1107.	1241.	71.	63.	73.5
0.130	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.130	1130.00	1178.50	1227.00	1098.	1287.	80.	109.	79.2
0.140	1130.00	1178.50	1227.00	1111.	1224.	67.	46.	70.3
0.140	1130.00	1178.50	1227.00	1107.	1241.	71.	63.	73.5
0.140	1130.00	1178.50	1227.00	1105.	1252.	74.	73.	75.2
0.140	1130.00	1178.50	1227.00	1098.	1287.	80.	109.	79.2
0.200	1050.00	1108.00	1166.00	1083.	1194.	25.	86.	71.4
0.200	1050.00	1108.00	1166.00	1078.	1201.	30.	93.	74.7
0.200	1050.00	1108.00	1166.00	1075.	1209.	33.	101.	76.3
0.200	1050.00	1108.00	1166.00	1068.	1303.	40.	195.	80.4
0.300	1400.00	1500.00	1600.00	1430.	1536.	70.	36.	71.6
0.300	1400.00	1500.00	1600.00	1426.	1566.	74.	66.	74.8
0.300	1400.00	1500.00	1600.00	1424.	1574.	76.	74.	76.5
0.300	1400.00	1500.00	1600.00	1419.	1600.	81.	100.	80.6
0.400	1400.00	1500.00	1600.00	1430.	1536.	70.	36.	71.6
0.400	1400.00	1500.00	1600.00	1426.	1567.	74.	67.	74.9
0.400	1400.00	1500.00	1600.00	1424.	1574.	76.	74.	76.5
0.400	1400.00	1500.00	1600.00	1419.	1600.	81.	100.	80.7
0.500	1050.00	1108.00	1166.00	1083.	1194.	25.	86.	71.6
0.500	1050.00	1108.00	1166.00	1078.	1202.	30.	94.	74.8
0.500	1050.00	1108.00	1166.00	1075.	1209.	33.	101.	76.5
0.500	1050.00	1108.00	1166.00	1068.	1300.	40.	192.	80.6
0.600	1050.00	1108.00	1166.00	1083.	1194.	25.	86.	71.9
0.600	1050.00	1108.00	1166.00	1077.	1202.	31.	94.	75.2
0.600	1050.00	1108.00	1166.00	1075.	1210.	33.	102.	76.9
0.600	1050.00	1108.00	1166.00	1067.	1300.	41.	192.	81.0
10.000	1112.00	1127.50	1143.00	1087.	1166.	40.	39.	71.8

114400

10.000	1112.00	1127.50	1143.00	1081.	1170.	46.	42.	74.9
10.000	1112.00	1127.50	1143.00	1078.	1171.	50.	44.	76.5
10.000	1112.00	1127.50	1143.00	1072.	1176.	56.	48.	80.5
11.000	1112.00	1127.50	1143.00	1087.	1166.	40.	39.	71.8
11.000	1112.00	1127.50	1143.00	1081.	1170.	46.	42.	74.9
11.000	1112.00	1127.50	1143.00	1078.	1171.	50.	44.	76.5
11.000	1112.00	1127.50	1143.00	1072.	1176.	56.	48.	80.5
12.000	1112.00	1127.50	1143.00	1087.	1166.	40.	39.	71.8
12.000	1112.00	1127.50	1143.00	1081.	1170.	46.	42.	74.9
12.000	1112.00	1127.50	1143.00	1078.	1171.	50.	44.	76.5
12.000	1112.00	1127.50	1143.00	1072.	1176.	56.	48.	80.5
15.000	1112.00	1127.50	1143.00	1087.	1166.	40.	39.	71.8
15.000	1112.00	1127.50	1143.00	1081.	1170.	47.	42.	74.9
15.000	1112.00	1127.50	1143.00	1078.	1171.	50.	44.	76.5
15.000	1112.00	1127.50	1143.00	1072.	1176.	56.	48.	80.5
180.000	1112.00	1127.50	1143.00	1086.	1167.	41.	39.	71.9
180.000	1112.00	1127.50	1143.00	1080.	1170.	48.	43.	75.2
180.000	1112.00	1127.50	1143.00	1077.	1172.	51.	45.	76.8
180.000	1112.00	1127.50	1143.00	1072.	1177.	56.	49.	80.8
591.000	1107.00	1120.50	1134.00	1089.	1155.	32.	35.	72.3
591.000	1107.00	1120.50	1134.00	1084.	1160.	37.	40.	75.7
591.000	1107.00	1120.50	1134.00	1081.	1163.	39.	42.	77.4
591.000	1107.00	1120.50	1134.00	1074.	1185.	46.	64.	81.6
641.000	1132.00	1200.00	1268.00	1161.	1243.	39.	43.	72.7
641.000	1132.00	1200.00	1268.00	1154.	1252.	46.	52.	76.4
641.000	1132.00	1200.00	1268.00	1150.	1257.	50.	57.	78.2
641.000	1132.00	1200.00	1268.00	1141.	1268.	59.	68.	82.7
669.000	1132.00	1200.00	1268.00	1161.	1243.	39.	43.	72.7
669.000	1132.00	1200.00	1268.00	1154.	1252.	46.	52.	76.4
669.000	1132.00	1200.00	1268.00	1150.	1257.	50.	57.	78.2
669.000	1132.00	1200.00	1268.00	1141.	1268.	59.	68.	82.7
719.000	1107.00	1120.50	1134.00	1087.	1157.	33.	36.	72.6
719.000	1107.00	1120.50	1134.00	1082.	1162.	39.	42.	76.2
719.000	1107.00	1120.50	1134.00	1079.	1168.	42.	47.	78.0
719.000	1107.00	1120.50	1134.00	1072.	1195.	49.	75.	82.4
760.000	1107.00	1120.50	1134.00	1086.	1158.	34.	37.	72.6
760.000	1107.00	1120.50	1134.00	1081.	1163.	40.	43.	76.3
760.000	1107.00	1120.50	1134.00	1078.	1172.	43.	51.	78.0
760.000	1107.00	1120.50	1134.00	1071.	1199.	50.	78.	82.4
3740.000	1045.00	1061.50	1078.00	1024.	1093.	37.	31.	75.6
3740.000	1045.00	1061.50	1078.00	1015.	1099.	47.	37.	80.3
3740.000	1045.00	1061.50	1078.00	1011.	1115.	51.	53.	82.3
3740.000	1045.00	1061.50	1078.00	1001.	1184.	60.	123.	87.3
6130.000	1136.00	1155.00	1174.00	1042.	1230.	113.	75.	78.2
6130.000	1136.00	1155.00	1174.00	1031.	1243.	124.	88.	83.0
6130.000	1136.00	1155.00	1174.00	1025.	1249.	130.	94.	85.2
6130.000	1136.00	1155.00	1174.00	1013.	1259.	142.	104.	90.3
8750.000	1160.00	1180.00	1200.00	1147.	1211.	33.	31.	80.7
8750.000	1160.00	1180.00	1200.00	1068.	1217.	112.	37.	85.2
8750.000	1160.00	1180.00	1200.00	1038.	1219.	142.	39.	87.2
8750.000	1160.00	1180.00	1200.00	953.	1226.	227.	46.	92.1
12950.000	1083.00	1096.00	1109.00	1048.	1147.	48.	51.	86.5
12950.000	1083.00	1096.00	1109.00	1033.	1227.	63.	131.	91.3

12950.000	1083.00	1096.00	1109.00	1027.	1280.	69.	184.	93.2
12950.000	1083.00	1096.00	1109.00	1014.	1413.	82.	317.	97.5
13417.000	1119.00	1148.00	1177.00	1098.	1240.	50.	92.	87.1
13417.000	1119.00	1148.00	1177.00	1089.	1308.	59.	160.	92.0
13417.000	1119.00	1148.00	1177.00	1083.	1342.	65.	194.	93.9
13417.000	1119.00	1148.00	1177.00	1037.	1434.	111.	286.	98.1
13467.000	1296.00	1363.00	1430.00	1317.	1430.	46.	67.	87.1
13467.000	1296.00	1363.00	1430.00	1306.	1430.	57.	67.	92.0
13467.000	1296.00	1363.00	1430.00	1302.	1430.	61.	67.	93.9
13467.000	1296.00	1363.00	1430.00	1248.	1430.	115.	67.	98.1
13493.000	1296.00	1363.00	1430.00	1317.	1430.	46.	67.	87.1
13493.000	1296.00	1363.00	1430.00	1306.	1430.	57.	67.	92.0
13493.000	1296.00	1363.00	1430.00	1302.	1430.	61.	67.	93.9
13493.000	1296.00	1363.00	1430.00	1296.	1430.	67.	67.	98.1
13543.000	1119.00	1148.00	1177.00	1099.	1239.	49.	91.	87.1
13543.000	1119.00	1148.00	1177.00	1091.	1301.	57.	153.	92.1
13543.000	1119.00	1148.00	1177.00	1083.	1336.	65.	188.	94.0
13543.000	1119.00	1148.00	1177.00	1042.	1424.	106.	276.	98.3
13900.000	1119.00	1148.00	1177.00	1104.	1220.	44.	72.	87.2
13900.000	1119.00	1148.00	1177.00	1098.	1241.	50.	93.	92.1
13900.000	1119.00	1148.00	1177.00	1095.	1249.	53.	101.	94.0
13900.000	1119.00	1148.00	1177.00	1084.	1330.	64.	182.	98.3
15080.000	1300.00	1340.50	1381.00	1174.	1358.	166.	18.	87.9
15080.000	1300.00	1340.50	1381.00	1130.	1365.	211.	25.	92.8
15080.000	1300.00	1340.50	1381.00	1112.	1368.	228.	27.	94.8
15080.000	1300.00	1340.50	1381.00	1082.	1374.	259.	34.	99.1
16710.000	1035.00	1059.50	1084.00	1011.	1142.	49.	82.	87.8
16710.000	1035.00	1059.50	1084.00	1007.	1149.	53.	89.	92.7
16710.000	1035.00	1059.50	1084.00	1005.	1152.	55.	92.	94.7
16710.000	1035.00	1059.50	1084.00	1001.	1158.	58.	98.	99.0
16858.000	1035.00	1059.50	1084.00	1013.	1138.	47.	79.	87.9
16858.000	1035.00	1059.50	1084.00	1009.	1145.	51.	86.	92.8
16858.000	1035.00	1059.50	1084.00	1007.	1148.	53.	89.	94.7
16858.000	1035.00	1059.50	1084.00	1003.	1154.	56.	95.	99.0
16903.000	1035.00	1059.50	1084.00	1014.	1136.	46.	77.	87.8
16903.000	1035.00	1059.50	1084.00	1010.	1143.	50.	84.	92.7
16903.000	1035.00	1059.50	1084.00	1008.	1146.	51.	87.	94.7
16903.000	1035.00	1059.50	1084.00	1004.	1153.	55.	93.	99.0
16907.000	1390.00	1431.50	1473.00	1386.	1486.	46.	54.	92.7
16907.000	1390.00	1431.50	1473.00	1384.	1491.	48.	60.	94.3
16907.000	1390.00	1431.50	1473.00	1383.	1494.	49.	62.	95.0
16907.000	1390.00	1431.50	1473.00	1380.	1503.	52.	71.	97.6
16908.000	1390.00	1431.50	1473.00	1390.	1473.	42.	42.	92.8
16908.000	1390.00	1431.50	1473.00	1390.	1473.	42.	42.	94.4
16908.000	1390.00	1431.50	1473.00	1390.	1473.	42.	42.	95.1
16908.000	1390.00	1431.50	1473.00	1390.	1473.	42.	42.	97.2
16962.000	1390.00	1431.50	1473.00	1390.	1473.	42.	42.	98.2
16962.000	1390.00	1431.50	1473.00	1390.	1473.	42.	42.	99.0
16962.000	1390.00	1431.50	1473.00	1390.	1473.	42.	42.	99.4
16962.000	1390.00	1431.50	1473.00	1390.	1473.	42.	42.	101.6
17012.000	1025.00	1302.50	1580.00	1030.	1563.	272.	260.	99.5
17012.000	1025.00	1302.50	1580.00	1026.	1578.	277.	275.	101.9
17012.000	1025.00	1302.50	1580.00	1025.	1585.	278.	283.	103.1

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17012.000	1025.00	1302.50	1580.00	1025.	1601.	270.	298.	106.3
18400.000	150.00	555.00	960.00	180.	947.	375.	392.	99.5
18400.000	150.00	555.00	960.00	154.	958.	401.	403.	101.9
18400.000	150.00	555.00	960.00	140.	965.	415.	410.	103.1
18400.000	150.00	555.00	960.00	122.	987.	433.	432.	106.3
20130.000	315.00	440.00	565.00	347.	530.	93.	90.	99.5
20130.000	315.00	440.00	565.00	323.	557.	117.	117.	101.8
20130.000	315.00	440.00	565.00	294.	589.	146.	149.	103.1
20130.000	315.00	440.00	565.00	201.	650.	239.	210.	106.2
21025.000	865.00	947.50	1030.00	867.	1022.	81.	75.	99.6
21025.000	865.00	947.50	1030.00	865.	1029.	82.	82.	101.9
21025.000	865.00	947.50	1030.00	862.	1034.	85.	87.	103.2
21025.000	865.00	947.50	1030.00	811.	1048.	137.	101.	106.3
21400.000	250.00	770.00	1290.00	321.	1255.	449.	485.	99.7
21400.000	250.00	770.00	1290.00	251.	1290.	519.	520.	102.2
21400.000	250.00	770.00	1290.00	215.	1311.	555.	541.	103.5
21400.000	250.00	770.00	1290.00	99.	1447.	671.	677.	106.7
21463.000	50.00	87.50	125.00	55.	120.	32.	32.	99.1
21463.000	50.00	87.50	125.00	52.	123.	36.	36.	101.1
21463.000	50.00	87.50	125.00	50.	125.	38.	38.	102.3
21463.000	50.00	87.50	125.00	46.	130.	41.	43.	105.1
21513.000	1150.00	1230.50	1311.00	1204.	1255.	26.	25.	98.9
21513.000	1150.00	1230.50	1311.00	1203.	1257.	27.	27.	100.7
21513.000	1150.00	1230.50	1311.00	1202.	1258.	28.	28.	101.7
21513.000	1150.00	1230.50	1311.00	1201.	1263.	30.	32.	104.1
21514.000	1150.00	1230.50	1311.00	1205.	1255.	26.	25.	98.9
21514.000	1150.00	1230.50	1311.00	1204.	1257.	27.	27.	100.7
21514.000	1150.00	1230.50	1311.00	1204.	1257.	27.	27.	101.6
21514.000	1150.00	1230.50	1311.00	1204.	1262.	27.	31.	103.8
21537.000	1150.00	1230.50	1311.00	1205.	1256.	26.	25.	99.1
21537.000	1150.00	1230.50	1311.00	1204.	1257.	27.	27.	101.2
21537.000	1150.00	1230.50	1311.00	1204.	1257.	27.	27.	102.3
21537.000	1150.00	1230.50	1311.00	1195.	1268.	35.	38.	105.9
21538.000	1150.00	1230.50	1311.00	1204.	1256.	26.	25.	99.2
21538.000	1150.00	1230.50	1311.00	1203.	1258.	28.	27.	101.4
21538.000	1150.00	1230.50	1311.00	1202.	1259.	29.	29.	102.6
21538.000	1150.00	1230.50	1311.00	1188.	1276.	42.	46.	107.2
21588.000	50.00	87.50	125.00	54.	121.	33.	33.	100.0
21588.000	50.00	87.50	125.00	49.	126.	38.	38.	102.9
21588.000	50.00	87.50	125.00	48.	128.	40.	41.	104.4
21588.000	50.00	87.50	125.00	42.	141.	45.	53.	108.4
21650.000	1280.00	1635.00	1990.00	1291.	1988.	344.	353.	101.0
21650.000	1280.00	1635.00	1990.00	1224.	2242.	411.	607.	104.4
21650.000	1280.00	1635.00	1990.00	1075.	2330.	560.	695.	106.0
21650.000	1280.00	1635.00	1990.00	691.	2399.	944.	764.	110.3
22200.000	375.00	690.00	1005.00	394.	983.	296.	293.	101.0
22200.000	375.00	690.00	1005.00	338.	1041.	352.	351.	104.4
22200.000	375.00	690.00	1005.00	310.	1065.	380.	375.	106.0
22200.000	375.00	690.00	1005.00	177.	1212.	513.	522.	110.3
23700.000	500.00	600.00	700.00	510.	673.	91.	73.	101.8
23700.000	500.00	600.00	700.00	456.	701.	144.	101.	104.1
23700.000	500.00	600.00	700.00	405.	709.	195.	109.	105.8
23700.000	500.00	600.00	700.00	0.	1040.	600.	440.	110.3

24875.000	1236.00	1268.00	1300.00	1103.	1717.	165.	449.	108.1
24875.000	1236.00	1268.00	1300.00	1096.	1730.	172.	462.	109.2
24875.000	1236.00	1268.00	1300.00	1093.	1735.	175.	467.	109.5
24875.000	1236.00	1268.00	1300.00	1076.	1763.	192.	495.	111.8

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

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

LITTLE ROCKFISH CR

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELMIN	ELLC
0.100	70.30	70.63	51.50	0.00
0.100	73.51	73.92	51.50	0.00
0.100	75.18	75.64	51.50	0.00
0.100	79.19	79.79	51.50	0.00
0.110	70.30	70.63	51.50	0.00
0.110	73.51	73.92	51.50	0.00
0.110	75.18	75.64	51.50	0.00
0.110	79.19	79.79	51.50	0.00
0.120	70.30	70.63	51.50	0.00
0.120	73.51	73.92	51.50	0.00
0.120	75.18	75.64	51.50	0.00
0.120	79.19	79.79	51.50	0.00
0.130	70.30	70.63	51.50	0.00
0.130	73.51	73.93	51.50	0.00
0.130	75.18	75.64	51.50	0.00
0.130	79.19	79.79	51.50	0.00
0.140	70.31	70.64	51.50	0.00
0.140	73.52	73.93	51.50	0.00
0.140	75.19	75.64	51.50	0.00
0.140	79.20	79.80	51.50	0.00
0.200	71.44	71.79	51.90	0.00
0.200	74.67	75.10	51.90	0.00
0.200	76.33	76.80	51.90	0.00
0.200	80.43	80.99	51.90	0.00
0.300	71.56	71.83	51.90	0.00
0.300	74.81	75.15	51.90	0.00
0.300	76.49	76.86	51.90	0.00
0.300	80.63	81.06	51.90	0.00
0.400	71.61	71.88	51.90	88.00
0.400	74.87	75.20	51.90	88.00
0.400	76.55	76.91	51.90	88.00
0.400	80.69	81.11	51.90	88.00

SECNO	CWBEL	EG	ELMIN	ELLC
0.500	71.58	71.93	52.00	0.00
0.500	74.83	75.27	52.00	0.00
0.500	76.50	76.98	52.00	0.00
0.500	80.61	81.21	52.00	0.00
0.600	71.94	72.05	52.30	0.00
0.600	75.19	75.41	52.30	0.00
0.600	76.87	77.13	52.30	0.00
0.600	81.00	81.36	52.30	0.00
10.000	71.78	72.17	52.20	0.00
10.000	74.89	75.63	52.20	0.00
10.000	76.51	77.39	52.20	0.00
10.000	80.46	81.75	52.20	0.00
11.000	71.78	72.17	52.20	0.00
11.000	74.89	75.63	52.20	0.00
11.000	76.51	77.39	52.20	0.00
11.000	80.47	81.75	52.20	0.00
12.000	71.78	72.17	52.20	0.00
12.000	74.90	75.63	52.20	0.00
12.000	76.51	77.39	52.20	0.00
12.000	80.47	81.76	52.20	0.00
15.000	71.78	72.18	52.20	0.00
15.000	74.90	75.63	52.20	0.00
15.000	76.52	77.40	52.20	0.00
15.000	80.48	81.76	52.20	0.00
180.000	71.94	72.31	51.90	0.00
180.000	75.16	75.84	51.90	0.00
180.000	76.81	77.63	51.90	0.00
180.000	80.85	82.04	51.90	0.00
591.000	72.29	72.77	52.20	0.00
591.000	75.70	76.53	52.20	0.00
591.000	77.41	78.38	52.20	0.00
591.000	81.60	82.92	52.20	0.00
641.000	72.66	72.86	52.30	0.00
641.000	76.36	76.67	52.30	0.00
641.000	78.19	78.55	52.30	0.00
641.000	82.69	83.14	52.30	0.00
669.000	72.68	72.87	52.30	86.90
669.000	76.38	76.70	52.30	86.90
669.000	78.22	78.57	52.30	86.90
669.000	82.71	83.17	52.30	86.90
719.000	72.59	72.98	51.30	0.00
719.000	76.20	76.88	51.30	0.00
719.000	78.00	78.80	51.30	0.00
719.000	82.40	83.46	51.30	0.00

SECNO	CWSEL	EG	ELMIN	ELLC
760.000	72.63	73.02	50.70	0.00
760.000	76.25	76.95	50.70	0.00
760.000	78.04	78.87	50.70	0.00
760.000	82.42	83.57	50.70	0.00
3740.000	75.62	76.12	54.60	0.00
3740.000	80.26	81.04	54.60	0.00
3740.000	82.34	83.24	54.60	0.00
3740.000	87.27	88.42	54.60	0.00
6130.000	78.18	78.46	60.40	0.00
6130.000	83.04	83.33	60.40	0.00
6130.000	85.21	85.49	60.40	0.00
6130.000	90.32	90.63	60.40	0.00
8750.000	80.74	81.25	62.90	0.00
8750.000	85.22	85.96	62.90	0.00
8750.000	87.23	88.02	62.90	0.00
8750.000	92.11	92.90	62.90	0.00
12950.000	86.46	86.93	68.00	0.00
12950.000	91.30	91.88	68.00	0.00
12950.000	93.22	93.81	68.00	0.00
12950.000	97.53	98.08	68.00	0.00
13417.000	87.08	87.18	65.10	0.00
13417.000	92.01	92.16	65.10	0.00
13417.000	93.93	94.10	65.10	0.00
13417.000	98.15	98.38	65.10	0.00
13467.000	87.08	87.20	64.70	0.00
13467.000	92.01	92.18	64.70	0.00
13467.000	93.93	94.12	64.70	0.00
13467.000	98.13	98.41	64.70	0.00
13493.000	87.09	87.21	64.70	98.60
13493.000	92.03	92.20	64.70	98.60
13493.000	93.95	94.14	64.70	98.60
13493.000	98.15	98.43	64.70	98.60
13543.000	87.13	87.23	65.50	0.00
13543.000	92.07	92.21	65.50	0.00
13543.000	94.00	94.16	65.50	0.00
13543.000	98.26	98.46	65.50	0.00
13900.000	87.16	87.37	70.10	0.00
13900.000	92.09	92.37	70.10	0.00
13900.000	94.01	94.33	70.10	0.00
13900.000	98.25	98.67	70.10	0.00
15080.000	87.86	88.03	70.30	0.00
15080.000	92.80	92.95	70.30	0.00
15080.000	94.75	94.91	70.30	0.00
15080.000	99.11	99.28	70.30	0.00

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SECNO	CWSEL	EG	ELMIN	ELLC
16710.000	87.81	88.06	74.40	0.00
16710.000	92.72	93.00	74.40	0.00
16710.000	94.66	94.97	74.40	0.00
16710.000	98.97	99.38	74.40	0.00
16858.000	87.86	88.34	76.80	0.00
16858.000	92.76	93.19	76.80	0.00
16858.000	94.70	95.15	76.80	0.00
16858.000	99.00	99.55	76.80	0.00
16903.000	87.80	88.54	78.10	0.00
16903.000	92.74	93.29	78.10	0.00
16903.000	94.68	95.23	78.10	0.00
16903.000	98.99	99.63	78.10	0.00
* 16907.000	92.69	94.48	89.00	0.00
* 16907.000	94.26	96.73	89.00	0.00
* 16907.000	94.98	97.77	89.00	0.00
* 16907.000	97.63	100.55	89.00	0.00
* 16908.000	92.77	94.66	89.00	0.00
* 16908.000	94.38	97.09	89.00	0.00
* 16908.000	95.14	98.24	89.00	0.00
* 16908.000	97.17	101.26	89.00	0.00
* 16962.000	98.21	99.30	93.20	98.50
* 16962.000	99.00	101.38	93.20	98.50
* 16962.000	99.41	102.50	93.20	98.50
* 16962.000	101.64	105.52	93.20	98.50
17012.000	99.52	99.52	78.20	0.00
17012.000	101.85	101.86	78.20	0.00
17012.000	103.11	103.12	78.20	0.00
17012.000	106.28	106.30	78.20	0.00
18400.000	99.52	99.53	82.00	0.00
18400.000	101.86	101.86	82.00	0.00
18400.000	103.12	103.12	82.00	0.00
18400.000	106.30	106.31	82.00	0.00
20130.000	99.49	99.56	86.50	0.00
20130.000	101.80	101.93	86.50	0.00
20130.000	103.05	103.20	86.50	0.00
20130.000	106.21	106.40	86.50	0.00
21025.000	99.59	99.70	88.90	0.00
21025.000	101.95	102.14	88.90	0.00
21025.000	103.20	103.42	88.90	0.00
21025.000	106.32	106.63	88.90	0.00
21400.000	99.72	99.73	89.80	0.00
21400.000	102.18	102.18	89.80	0.00
21400.000	103.46	103.47	89.80	0.00
21400.000	106.69	106.70	89.80	0.00

SECNO	CWSEL	EG	ELMIN	ELLC
21463.000	99.08	100.16	89.90	0.00
21463.000	101.12	102.89	89.90	0.00
21463.000	102.28	104.26	89.90	0.00
21463.000	105.15	107.73	89.90	0.00
21513.000	98.95	100.50	90.10	0.00
21513.000	100.70	103.52	90.10	0.00
21513.000	101.68	105.02	90.10	0.00
21513.000	104.08	108.81	90.10	0.00
21514.000	98.95	100.51	90.10	128.70
21514.000	100.67	103.56	90.10	128.70
21514.000	101.62	105.07	90.10	128.70
21514.000	103.76	109.04	90.10	128.70
21537.000	99.12	100.61	90.10	128.70
21537.000	101.19	103.74	90.10	128.70
21537.000	102.30	105.29	90.10	128.70
21537.000	105.86	109.51	90.10	128.70
21538.000	99.17	100.62	90.10	0.00
21538.000	101.37	103.78	90.10	0.00
21538.000	102.64	105.35	90.10	0.00
21538.000	107.20	109.74	90.10	0.00
21588.000	99.96	100.86	90.20	0.00
21588.000	102.92	104.15	90.20	0.00
21588.000	104.41	105.75	90.20	0.00
21588.000	108.45	110.04	90.20	0.00
21650.000	101.04	101.05	90.60	0.00
21650.000	104.39	104.40	90.60	0.00
21650.000	106.01	106.02	90.60	0.00
21650.000	110.35	110.36	90.60	0.00
22200.000	101.04	101.06	92.50	0.00
22200.000	104.40	104.41	92.50	0.00
22200.000	106.02	106.03	92.50	0.00
22200.000	110.34	110.36	92.50	0.00
23700.000	101.77	102.86	98.00	0.00
23700.000	104.13	104.77	98.00	0.00
23700.000	105.83	106.30	98.00	0.00
23700.000	110.25	110.53	98.00	0.00
24875.000	108.14	108.28	102.00	0.00
24875.000	109.16	109.41	102.00	0.00
24875.000	109.54	109.87	102.00	0.00
24875.000	111.78	112.11	102.00	0.00

LITTLE ROCKFISH CR

SUMMARY PRINTOUT

SECNO	CWSEL	QLOB	GCH	OROB	VLOB	VCH	VR0B
0.100	70.30	76.54	5948.46	0.00	0.98	4.63	0.00
0.100	73.51	187.71	8305.92	6.37	1.29	5.21	0.39
0.100	75.18	262.64	9659.69	27.67	1.42	5.50	0.58
0.100	79.19	510.72	13635.37	213.91	1.72	6.35	0.98
0.110	70.30	16.56	5948.44	0.00	0.98	4.63	0.00
0.110	73.51	187.73	8305.90	6.38	1.29	5.21	0.39
0.110	75.18	262.67	9659.65	27.68	1.42	5.50	0.58
0.110	79.19	510.75	13635.29	213.96	1.72	6.35	0.98
0.120	70.30	76.57	5948.42	0.00	0.98	4.63	0.00
0.120	73.51	187.75	8305.87	6.38	1.29	5.21	0.39
0.120	75.18	262.69	9659.61	27.70	1.42	5.50	0.58
0.120	79.19	510.78	13635.21	214.01	1.72	6.35	0.98
0.130	70.30	76.63	5948.37	0.00	0.98	4.63	0.00
0.130	73.51	187.81	8305.79	6.40	1.29	5.21	0.39
0.130	75.18	262.75	9659.50	27.75	1.42	5.50	0.58
0.130	79.19	510.87	13634.96	214.17	1.72	6.35	0.98
0.140	70.31	76.71	5948.29	0.00	0.98	4.63	0.00
0.140	73.52	187.91	8305.66	6.43	1.29	5.20	0.40
0.140	75.19	262.86	9659.30	27.84	1.42	5.49	0.58
0.140	79.20	511.02	13634.55	214.43	1.72	6.35	0.98
0.200	71.44	0.00	5699.11	325.89	0.00	4.82	1.77
0.200	74.67	0.00	7897.61	602.39	0.00	5.42	2.12
0.200	76.33	0.00	9125.59	824.41	0.00	5.68	2.36
0.200	80.43	0.00	12686.17	1673.83	0.00	6.36	2.51
0.200	71.56	0.00	6025.00	0.00	0.00	4.19	0.00
0.300	74.81	0.00	8500.00	0.00	0.00	4.69	0.00
0.300	76.49	0.00	9950.00	0.00	0.00	4.83	0.00
0.300	80.63	0.00	14360.00	0.00	0.00	5.23	0.00
0.400	71.61	0.00	6025.00	0.00	0.00	4.18	0.00
0.400	74.87	0.00	8500.00	0.00	0.00	4.67	0.00
0.400	76.55	0.00	9950.00	0.00	0.00	4.81	0.00
0.400	80.69	0.00	14360.00	0.00	0.00	5.21	0.00
0.500	71.58	0.00	5760.51	264.49	0.00	4.86	1.43
0.500	74.83	0.00	8007.63	492.37	0.00	5.47	1.72
0.500	76.50	0.00	9275.44	674.56	0.00	5.75	1.91
0.500	80.61	0.00	12976.62	1383.38	0.00	6.48	2.04
0.600	71.94	0.00	3322.13	127.87	0.00	2.79	0.68
0.600	75.19	0.00	5610.48	289.52	0.00	3.82	1.00
0.600	76.87	0.00	6766.20	413.80	0.00	4.19	1.16
0.600	81.00	0.00	10093.95	906.05	0.00	5.02	1.31
10.000	71.78	203.21	2944.05	302.74	1.31	5.42	1.73
10.000	74.89	453.60	4817.71	628.69	1.88	7.53	2.49
10.000	76.51	617.72	5754.53	827.75	2.10	8.34	2.79
10.000	80.48	1178.84	8562.99	1458.17	2.65	10.29	3.49

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
11.000	71.78	203.22	2944.03	302.75	1.31	5.42	1.73
11.000	74.89	453.62	4817.67	628.71	1.88	7.53	2.49
11.000	76.51	617.75	5754.49	827.77	2.10	8.34	2.79
11.000	80.47	1178.84	8362.98	1458.17	2.65	10.29	3.49
12.000	71.78	203.25	2943.98	302.78	1.31	5.42	1.73
12.000	74.90	453.68	4817.55	628.77	1.88	7.53	2.49
12.000	76.51	617.83	5754.33	827.84	2.10	8.34	2.79
12.000	80.47	1178.99	8362.72	1458.28	2.65	10.29	3.49
15.000	71.78	203.30	2943.86	302.84	1.31	5.42	1.73
15.000	74.90	453.82	4817.27	628.91	1.87	7.53	2.49
15.000	76.52	618.02	5753.97	828.01	2.10	8.34	2.79
15.000	80.48	1179.35	8362.11	1458.54	2.65	10.29	3.49
180.000	71.94	212.73	2923.95	313.32	1.28	5.24	1.68
180.000	75.15	472.30	4781.00	646.70	1.82	7.27	2.41
180.000	76.81	641.18	5709.89	848.93	2.03	8.06	2.70
180.000	80.85	1218.42	8293.85	1487.72	2.58	9.95	3.38
591.000	72.29	306.28	2916.62	227.11	2.25	5.95	1.93
591.000	75.70	652.41	4685.47	562.12	3.17	8.05	2.84
591.000	77.41	871.92	5546.04	782.03	3.52	8.83	3.20
591.000	81.60	1577.35	7850.31	1572.33	4.27	10.59	3.89
641.000	72.66	0.00	3450.00	0.00	0.00	3.53	0.00
641.000	76.36	0.00	5900.00	0.00	0.00	4.51	0.00
641.000	78.19	0.00	7200.00	0.00	0.00	4.81	0.00
641.000	82.69	0.00	11000.00	0.00	0.00	5.44	0.00
669.000	72.68	0.00	3450.00	0.00	0.00	3.53	0.00
669.000	76.38	0.00	5900.00	0.00	0.00	4.50	0.00
669.000	78.22	0.00	7200.00	0.00	0.00	4.80	0.00
669.000	82.71	0.00	11000.00	0.00	0.00	5.43	0.00
719.000	72.59	331.00	2854.61	264.39	2.09	5.47	1.84
719.000	76.20	703.74	4568.98	627.23	2.94	7.37	2.66
719.000	78.00	933.16	5401.59	865.25	3.24	8.08	2.98
719.000	82.40	1661.30	7598.25	1740.45	3.89	9.65	3.49
760.000	72.63	292.04	2918.04	239.91	1.70	5.41	1.51
760.000	76.25	620.58	4719.08	560.33	2.42	7.41	2.20
760.000	78.04	822.50	5601.91	775.59	2.64	8.17	2.48
760.000	82.42	1467.57	7965.27	1567.16	3.26	9.91	2.91
3740.000	75.62	134.92	3219.69	95.38	1.20	5.87	1.15
3740.000	80.26	301.58	5260.02	258.40	1.65	7.50	1.57
3740.000	82.34	546.62	6272.70	380.68	1.84	8.15	1.75
3740.000	87.27	1091.86	8878.94	1029.20	2.23	9.52	1.61
6130.000	78.18	414.13	2758.97	276.90	1.06	4.76	1.07
6130.000	83.04	1195.71	3934.28	770.01	1.37	5.14	1.37
6130.000	85.21	1645.24	4498.52	1056.24	1.49	5.31	1.47
6130.000	90.32	2986.12	6048.77	1965.11	1.75	5.81	1.74

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SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
8750.000	80.74	32.86	5374.11	43.03	0.88	5.79	1.00
8750.000	85.22	293.87	5460.94	145.19	1.13	7.16	1.38
8750.000	87.23	624.28	6362.85	212.87	1.32	7.55	1.51
8750.000	92.11	2155.66	8413.72	430.62	1.69	8.10	1.71
12950.000	86.46	284.25	2799.19	366.57	1.41	6.07	1.61
12950.000	91.30	728.40	4192.70	978.90	1.78	7.14	1.87
12950.000	93.22	970.75	4761.72	1467.53	1.90	7.48	1.83
12950.000	97.53	1632.42	5953.56	3414.02	2.09	7.95	1.88
13417.000	87.08	129.36	3057.48	263.15	0.78	2.66	0.69
13417.000	92.01	298.60	4858.81	742.59	1.05	3.39	0.95
13417.000	93.93	397.80	5719.86	1082.34	1.14	3.70	1.01
13417.000	98.15	722.79	7954.74	2322.48	1.28	4.44	1.20
13467.000	87.08	0.00	3450.00	0.00	0.00	2.83	0.00
13467.000	92.01	0.00	5900.00	0.00	0.00	3.27	0.00
13467.000	93.93	0.00	7200.00	0.00	0.00	3.52	0.00
13467.000	98.13	29.98	10970.02	0.00	0.41	4.21	0.00
13493.000	87.09	0.00	3450.00	0.00	0.00	2.82	0.00
13493.000	92.03	0.00	5900.00	0.00	0.00	3.26	0.00
13493.000	93.95	0.00	7200.00	0.00	0.00	3.51	0.00
13493.000	98.15	0.00	11000.00	0.00	0.00	4.22	0.00
13543.000	87.13	152.91	2991.70	305.40	0.97	2.65	0.86
13543.000	92.07	352.00	4686.37	861.63	1.28	3.31	1.16
13543.000	94.00	466.61	5482.82	1250.56	1.38	3.59	1.23
13543.000	98.26	835.10	7504.27	2660.63	1.54	4.23	1.43
13900.000	87.16	88.75	3252.80	108.45	1.14	3.77	0.92
13900.000	92.09	242.80	5163.21	494.00	1.47	4.49	1.30
13900.000	94.01	330.75	6111.55	749.70	1.63	4.85	1.47
13900.000	98.25	641.04	8668.26	1690.70	1.97	5.75	1.76
15080.000	87.86	748.64	2701.35	0.00	1.32	3.74	0.00
15080.000	92.80	2034.06	3865.94	0.00	1.57	3.77	0.00
15080.000	94.75	2748.62	4451.38	0.00	1.67	3.85	0.00
15080.000	99.11	4949.69	6050.51	0.00	1.95	4.13	0.00
16710.000	87.81	245.33	2699.18	505.49	1.65	4.48	1.57
16710.000	92.72	547.57	4128.36	1224.07	1.97	4.90	1.97
16710.000	94.66	709.90	4879.49	1610.61	2.12	5.20	2.15
16710.000	98.97	1194.48	7043.20	2762.32	2.53	6.13	2.62
16858.000	87.86	185.48	2919.06	345.46	1.97	5.99	1.82
16858.000	92.76	495.74	4326.50	1077.77	2.32	5.95	2.28
16858.000	94.70	658.06	5076.73	1465.19	2.47	6.17	2.46
16858.000	99.00	1138.41	7251.86	2609.72	2.88	7.02	2.95
16903.000	87.80	140.98	5073.86	235.16	2.18	7.31	2.01
16903.000	92.74	469.44	4433.64	996.92	2.62	6.69	2.54
16903.000	94.68	636.04	5169.05	1394.91	2.77	6.82	2.73
16903.000	98.99	1123.78	7317.08	2559.13	3.18	7.55	3.23

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
* 16907.000	92.69	26.43	3334.12	89.45	3.27	10.87	3.81
* 16907.000	94.26	63.46	5621.81	214.73	3.87	12.88	4.51
* 16907.000	94.98	87.53	6816.28	296.19	4.13	13.73	4.81
16907.000	97.63	188.55	10173.38	638.07	4.27	14.16	4.97
* 16908.000	92.77	0.00	3450.00	0.00	0.00	11.02	0.00
* 16908.000	94.38	0.00	5900.00	0.00	0.00	13.22	0.00
* 16908.000	95.14	0.00	7200.00	0.00	0.00	14.13	0.00
* 16908.000	97.17	0.00	11000.00	0.00	0.00	16.21	0.00
* 16962.000	98.21	0.00	3450.00	0.00	0.00	8.40	0.00
* 16962.000	99.00	0.00	5900.00	0.00	0.00	12.39	0.00
* 16962.000	99.41	0.00	7200.00	0.00	0.00	14.10	0.00
* 16962.000	101.64	0.00	11000.00	0.00	0.00	15.82	0.00
17012.000	99.52	0.00	3450.00	0.00	0.00	0.44	0.00
17012.000	101.85	0.00	5900.00	0.00	0.00	0.65	0.00
17012.000	103.11	0.00	7199.94	0.06	0.00	0.74	0.02
17012.000	106.28	0.00	10996.00	4.00	0.00	0.96	0.09
18400.000	99.52	0.00	3450.00	0.00	0.00	0.35	0.00
18400.000	101.86	0.00	5900.00	0.00	0.00	0.50	0.00
18400.000	103.12	0.08	7199.88	0.04	0.02	0.56	0.02
18400.000	106.30	4.95	10991.97	3.08	0.07	0.71	0.06
20130.000	99.49	0.00	3450.00	0.00	0.00	2.23	0.00
20130.000	101.80	0.00	5900.00	0.00	0.00	2.93	0.00
20130.000	103.05	0.98	7197.94	1.09	0.11	3.10	0.11
20130.000	106.21	67.92	10865.45	66.64	0.31	3.49	0.35
21025.000	99.59	0.00	3450.00	0.00	0.00	2.36	0.00
21025.000	101.95	0.00	5900.00	0.00	0.00	3.42	0.00
21025.000	103.20	0.17	7199.55	0.28	0.12	3.73	0.13
21025.000	106.32	21.80	10965.62	12.58	0.29	4.48	0.33
21400.000	99.72	0.00	3450.00	0.00	0.00	0.59	0.00
21400.000	102.18	0.00	5900.00	0.00	0.00	0.71	0.00
21400.000	103.46	0.75	7198.81	0.45	0.03	0.75	0.03
21400.000	106.69	25.83	10959.63	14.54	0.08	0.84	0.08
21463.000	99.08	0.00	3450.00	0.00	0.00	8.33	0.00
21463.000	101.12	0.00	5900.00	0.00	0.00	10.69	0.00
21463.000	102.28	0.00	7200.00	0.00	0.01	11.31	0.01
21463.000	105.15	4.54	10988.25	7.21	0.81	12.89	0.96
21513.000	98.95	0.00	3450.00	0.00	0.00	10.00	0.00
21513.000	100.70	0.00	5900.00	0.00	0.00	13.48	0.00
21513.000	101.68	0.00	7200.00	0.00	0.00	14.66	0.00
21513.000	104.08	0.00	11000.00	0.00	0.00	17.44	0.00
21514.000	98.95	0.00	3450.00	0.00	0.00	10.05	0.00
21514.000	100.67	0.00	5900.00	0.00	0.00	13.64	0.00
21514.000	101.62	0.00	7200.00	0.00	0.00	14.90	0.00
21514.000	103.76	0.00	11000.00	0.00	0.00	18.43	0.00

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SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VRQB
21537.000	99.12	0.00	3450.00	0.00	0.00	9.81	0.00
21537.000	101.19	0.00	5900.00	0.00	0.00	12.83	0.00
21537.000	102.30	0.00	7200.00	0.00	0.00	13.87	0.00
21537.000	105.86	0.00	11000.00	0.00	0.00	15.34	0.00
21538.000	99.17	0.00	3450.00	0.00	0.00	9.69	0.00
21538.000	101.37	0.00	5900.00	0.00	0.00	12.45	0.00
21538.000	102.64	0.00	7200.00	0.00	0.00	13.20	0.00
21538.000	107.20	0.00	11000.00	0.00	0.00	12.80	0.00
21588.000	99.96	0.00	3450.00	0.00	0.00	7.65	0.00
21588.000	102.92	0.02	5899.94	0.03	0.22	8.91	0.23
21588.000	104.41	1.32	7196.81	1.87	0.57	9.30	0.62
21588.000	108.45	24.13	10930.52	45.34	1.06	10.15	1.23
21650.000	101.04	0.00	3350.00	0.00	0.00	0.56	0.00
21650.000	104.39	1.18	5698.15	0.67	0.04	0.68	0.03
21650.000	106.01	11.03	7077.14	11.83	0.04	0.74	0.04
21650.000	110.35	134.17	10477.39	188.45	0.09	0.83	0.10
22200.000	101.04	0.00	3350.00	0.00	0.00	0.96	0.00
22200.000	104.40	3.02	5693.96	3.02	0.08	1.02	0.08
22200.000	106.02	13.06	7074.20	12.74	0.11	1.07	0.11
22200.000	110.34	90.73	10615.47	93.80	0.14	1.14	0.14
23700.000	101.77	0.00	2950.00	0.00	0.00	8.37	0.00
23700.000	104.13	27.05	5122.95	0.00	0.65	6.46	0.01
23700.000	105.83	113.92	6282.66	13.42	0.71	5.54	0.41
23700.000	110.25	716.81	8943.18	240.01	0.57	4.43	0.39
24875.000	108.14	361.79	1449.80	1138.41	0.82	4.25	0.82
24875.000	109.16	675.23	2355.14	2119.63	1.16	5.80	1.17
24875.000	109.54	855.72	2882.47	2631.81	1.39	6.65	1.35
24875.000	111.78	1434.22	4020.03	4445.74	1.47	7.01	1.49

LITTLE ROCKFISH CR

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
0.100	70.30	1111.25	1130.00	1227.00	1224.21	112.96
0.100	73.51	1107.10	1130.00	1227.00	1240.98	133.88
0.100	75.18	1104.94	1130.00	1227.00	1251.61	146.67
0.100	79.19	1098.21	1130.00	1227.00	1287.41	189.20
0.110	70.30	1111.25	1130.00	1227.00	1224.21	112.96
0.110	73.51	1107.10	1130.00	1227.00	1240.99	133.89
0.110	75.18	1104.94	1130.00	1227.00	1251.61	146.68
0.110	79.19	1098.20	1130.00	1227.00	1287.42	189.22
0.120	70.30	1111.25	1130.00	1227.00	1224.21	112.96
0.120	73.51	1107.10	1130.00	1227.00	1240.99	133.90
0.120	75.18	1104.94	1130.00	1227.00	1251.62	146.69
0.120	79.19	1098.19	1130.00	1227.00	1287.43	189.24
0.130	70.30	1111.24	1130.00	1227.00	1224.22	112.98
0.130	73.51	1107.09	1130.00	1227.00	1241.01	133.91
0.130	75.18	1104.93	1130.00	1227.00	1251.65	146.71
0.130	79.19	1098.17	1130.00	1227.00	1287.45	189.28
0.140	70.31	1111.24	1130.00	1227.00	1224.23	113.00
0.140	73.52	1107.09	1130.00	1227.00	1241.03	133.95
0.140	75.19	1104.93	1130.00	1227.00	1251.68	146.76
0.140	79.20	1098.12	1130.00	1227.00	1287.49	189.37
0.200	71.44	1083.26	1050.00	1166.00	1193.79	110.53
0.200	74.67	1077.67	1050.00	1166.00	1201.22	123.55
0.200	76.33	1074.77	1050.00	1166.00	1209.07	134.30
0.200	80.43	1067.66	1050.00	1166.00	1302.63	234.97
0.300	71.56	1430.18	1400.00	1600.00	1535.68	105.50
0.300	74.81	1428.06	1400.00	1600.00	1566.17	140.11
0.300	76.49	1423.93	1400.00	1600.00	1573.93	150.00
0.300	80.63	1418.69	1400.00	1600.00	1600.00	181.31
0.400	71.61	1430.12	1400.00	1600.00	1535.79	105.67
0.400	74.87	1425.99	1400.00	1600.00	1567.30	141.31
0.400	76.55	1423.86	1400.00	1600.00	1574.08	150.23
0.400	80.69	1418.62	1400.00	1600.00	1600.00	181.38
0.500	71.58	1083.20	1050.00	1166.00	1193.87	110.67
0.500	74.83	1077.55	1050.00	1166.00	1201.54	123.98
0.500	76.50	1074.65	1050.00	1166.00	1209.39	134.74
0.500	80.61	1067.51	1050.00	1166.00	1300.00	232.49
0.600	71.94	1083.09	1050.00	1166.00	1193.99	110.90
0.600	75.19	1077.44	1050.00	1166.00	1201.84	124.39
0.600	76.87	1074.53	1050.00	1166.00	1209.70	134.17
0.600	81.00	1067.36	1050.00	1166.00	1300.00	232.64
10.000	71.78	1087.24	1112.00	1143.00	1166.09	78.84
10.000	74.89	1081.01	1112.00	1143.00	1169.55	88.54
10.000	76.51	1077.78	1112.00	1143.00	1171.34	93.56
10.000	80.46	1072.00	1112.00	1143.00	1175.74	103.74

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
11.000	71.78	1087.24	1112.00	1143.00	1166.09	78.84
11.000	74.89	1081.01	1112.00	1143.00	1169.55	88.54
11.000	76.51	1077.78	1112.00	1143.00	1171.34	93.56
11.000	80.47	1072.00	1112.00	1143.00	1175.74	103.74
12.000	71.78	1087.24	1112.00	1143.00	1166.09	78.85
12.000	74.90	1081.01	1112.00	1143.00	1169.55	88.54
12.000	76.51	1077.78	1112.00	1143.00	1171.35	93.57
12.000	80.47	1072.00	1112.00	1143.00	1175.74	103.74
15.000	71.78	1087.24	1112.00	1143.00	1166.09	78.86
15.000	74.90	1081.00	1112.00	1143.00	1169.56	88.56
15.000	76.52	1077.77	1112.00	1143.00	1171.35	93.58
15.000	80.48	1072.00	1112.00	1143.00	1175.75	103.75
180.000	71.94	1086.31	1112.00	1143.00	1166.61	80.29
180.000	75.16	1079.88	1112.00	1143.00	1170.18	90.31
180.000	76.81	1076.58	1112.00	1143.00	1172.01	95.44
180.000	80.85	1072.00	1112.00	1143.00	1176.50	104.50
591.000	72.29	1088.56	1107.00	1134.00	1155.08	66.41
591.000	75.70	1083.96	1107.00	1134.00	1160.13	76.18
591.000	77.41	1081.21	1107.00	1134.00	1162.67	81.46
591.000	81.60	1074.48	1107.00	1134.00	1184.50	110.01
641.000	72.66	1161.25	1132.00	1268.00	1242.91	81.65
641.000	76.36	1153.66	1132.00	1268.00	1252.15	98.49
641.000	78.19	1149.89	1132.00	1268.00	1256.74	106.85
641.000	82.69	1140.65	1132.00	1268.00	1267.97	127.32
669.000	72.68	1161.23	1132.00	1268.00	1242.94	81.72
669.000	76.36	1153.61	1132.00	1268.00	1252.20	98.59
669.000	78.22	1149.84	1132.00	1268.00	1256.79	106.93
669.000	82.71	1140.60	1132.00	1268.00	1268.00	127.40
719.000	72.59	1087.35	1107.00	1134.00	1156.85	69.50
719.000	76.20	1081.70	1107.00	1134.00	1162.22	80.52
719.000	78.00	1078.82	1107.00	1134.00	1167.70	88.88
719.000	82.40	1071.76	1107.00	1134.00	1199.02	123.26
760.000	72.63	1086.48	1107.00	1134.00	1157.79	71.31
760.000	76.25	1080.67	1107.00	1134.00	1163.17	82.50
760.000	78.04	1077.79	1107.00	1134.00	1171.70	93.91
760.000	82.42	1070.75	1107.00	1134.00	1198.90	128.14
3740.000	75.62	1024.03	1045.00	1078.00	1092.64	68.61
3740.000	80.26	1014.96	1045.00	1078.00	1098.65	83.69
3740.000	82.34	1010.88	1045.00	1078.00	1114.62	103.74
3740.000	87.27	1001.24	1045.00	1078.00	1184.03	182.79
6130.000	78.18	1042.36	1136.00	1174.00	1230.09	187.73
6130.000	83.04	1030.67	1136.00	1174.00	1242.96	212.29
6130.000	85.21	1025.47	1136.00	1174.00	1248.69	223.22
6130.000	90.32	1013.17	1136.00	1174.00	1258.96	245.79

SECNO	CRSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
8750.000	80.74	1147.45	1160.00	1200.00	1210.76	63.31
8750.000	85.22	1068.33	1160.00	1200.00	1216.75	148.42
8750.000	87.23	1038.35	1160.00	1200.00	1219.44	181.09
8750.000	92.11	953.30	1160.00	1200.00	1225.97	272.67
12950.000	86.46	1047.76	1083.00	1109.00	1146.86	99.10
12950.000	91.30	1032.88	1083.00	1109.00	1227.35	194.47
12950.000	93.22	1027.02	1083.00	1109.00	1280.29	253.28
12950.000	97.53	1013.76	1083.00	1109.00	1413.37	399.61
13417.000	57.08	1098.09	1119.00	1177.00	1240.49	142.40
13417.000	92.01	1089.43	1119.00	1177.00	1307.51	218.08
13417.000	93.93	1032.96	1119.00	1177.00	1342.39	259.43
13417.000	98.15	1037.24	1119.00	1177.00	1433.78	396.55
13467.000	87.08	1317.47	1296.00	1430.00	1430.00	112.53
13467.000	92.01	1305.97	1296.00	1430.00	1430.00	124.03
13467.000	93.93	1302.29	1296.00	1430.00	1430.00	127.71
13467.000	98.13	1247.64	1296.00	1430.00	1430.00	182.36
13493.000	87.09	1317.44	1296.00	1430.00	1430.00	112.56
13493.000	92.03	1305.94	1296.00	1430.00	1430.00	124.06
13493.000	93.95	1302.25	1296.00	1430.00	1430.00	127.75
13493.000	98.15	1296.00	1296.00	1430.00	1430.00	134.00
13543.000	87.13	1098.57	1119.00	1177.00	1238.99	140.41
13543.000	92.07	1091.14	1119.00	1177.00	1301.31	210.17
13543.000	94.00	1083.37	1119.00	1177.00	1336.36	252.99
13543.000	98.26	1042.00	1119.00	1177.00	1424.49	382.49
13900.000	87.16	1104.30	1119.00	1177.00	1219.34	119.24
13900.000	92.09	1098.08	1119.00	1177.00	1240.50	142.42
13900.000	94.01	1095.43	1119.00	1177.00	1248.68	153.25
13900.000	96.25	1083.81	1119.00	1177.00	1330.00	246.18
15080.000	87.86	1174.03	1300.00	1381.00	1358.01	183.97
15080.000	92.80	1129.68	1300.00	1381.00	1365.04	235.38
15080.000	94.75	1112.09	1300.00	1381.00	1367.83	255.74
15080.000	99.11	1081.59	1300.00	1381.00	1374.03	292.45
16710.000	87.81	1010.75	1035.00	1084.00	1141.67	130.91
16710.000	92.72	1006.59	1035.00	1084.00	1148.79	142.20
16710.000	94.66	1004.95	1035.00	1084.00	1151.61	146.66
16710.000	98.97	1001.30	1035.00	1084.00	1157.85	156.55
16858.000	87.86	1012.75	1035.00	1084.00	1138.26	125.51
16858.000	92.76	1008.59	1035.00	1084.00	1145.37	136.78
16858.000	94.70	1006.95	1035.00	1084.00	1148.18	141.23
16858.000	99.00	1003.30	1035.00	1084.00	1154.42	151.12
16903.000	87.80	1013.90	1035.00	1084.00	1136.28	122.38
16903.000	92.74	1009.71	1035.00	1084.00	1143.45	133.74
16903.000	94.68	1008.07	1035.00	1084.00	1146.27	138.20
16903.000	98.99	1004.42	1035.00	1084.00	1152.51	148.10

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
* 16907.000	92.69	1385.63	1390.00	1473.00	1485.71	100.09
* 16907.000	94.26	1383.77	1390.00	1473.00	1491.10	107.33
* 16907.000	94.98	1382.91	1390.00	1473.00	1493.59	110.67
16907.000	97.63	1379.77	1390.00	1473.00	1502.72	122.94
* 16908.000	92.77	1390.00	1390.00	1473.00	1473.00	83.00
* 16908.000	94.38	1390.00	1390.00	1473.00	1473.00	83.00
* 16908.000	95.14	1390.00	1390.00	1473.00	1473.00	83.00
* 16908.000	97.17	1390.00	1390.00	1473.00	1473.00	83.00
* 16962.000	98.21	1390.00	1390.00	1473.00	1473.00	83.00
* 16962.000	99.00	1390.00	1390.00	1473.00	1473.00	83.00
* 16962.000	99.41	1390.00	1390.00	1473.00	1473.00	83.00
* 16962.000	101.64	1390.00	1390.00	1473.00	1473.00	83.00
17012.000	99.52	1030.26	1025.00	1580.00	1562.93	532.67
17012.000	101.85	1025.69	1025.00	1580.00	1577.77	552.09
17012.000	103.11	1025.00	1025.00	1580.00	1585.04	560.04
17012.000	106.28	1025.00	1025.00	1580.00	1600.71	575.71
18400.000	99.52	179.93	150.00	960.00	946.99	767.07
18400.000	101.86	153.82	150.00	960.00	958.34	804.52
18400.000	103.12	139.81	150.00	960.00	965.09	825.28
18400.000	106.30	122.33	150.00	960.00	986.50	864.17
20130.000	99.49	346.98	315.00	565.00	529.92	182.94
20130.000	101.60	323.41	315.00	565.00	556.59	233.18
20130.000	103.05	293.80	315.00	565.00	588.55	294.75
20130.000	106.21	200.83	315.00	565.00	630.33	449.50
21025.000	99.59	866.81	865.00	1030.00	1022.34	155.53
21025.000	101.95	865.17	865.00	1030.00	1029.28	164.11
21025.000	103.20	862.22	865.00	1030.00	1034.48	172.26
21025.000	106.32	810.68	865.00	1030.00	1048.46	237.79
21400.000	99.72	320.83	250.00	1290.00	1254.59	933.76
21400.000	102.18	250.70	250.00	1290.00	1289.65	1038.94
21400.000	103.46	215.02	250.00	1290.00	1310.99	1095.97
21400.000	106.69	99.09	250.00	1290.00	1446.73	1347.64
21463.000	99.08	55.06	50.00	125.00	119.57	64.51
21463.000	101.12	51.76	50.00	125.00	123.11	71.36
21463.000	102.28	49.90	50.00	125.00	125.13	75.23
21463.000	105.15	46.21	50.00	125.00	130.31	84.10
21513.000	98.95	1204.21	1150.00	1311.00	1255.37	51.15
21513.000	100.70	1203.06	1150.00	1311.00	1257.20	54.14
21513.000	101.68	1202.43	1150.00	1311.00	1258.21	55.78
21513.000	104.08	1200.86	1150.00	1311.00	1262.85	61.99
21514.000	98.95	1204.63	1150.00	1311.00	1255.38	50.75
21514.000	100.67	1204.00	1150.00	1311.00	1257.00	53.00
21514.000	101.62	1204.00	1150.00	1311.00	1257.00	53.00
21514.000	103.76	1204.00	1150.00	1311.00	1261.81	53.81

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SECNO	CWSEL	SSTA	STCHL	STOHR	ENDST	TOPWID
21537.000	99.12	1204.53	1150.00	1311.00	1255.56	51.03
21537.000	101.19	1204.00	1150.00	1311.00	1257.00	53.00
21537.000	102.30	1204.00	1150.00	1311.00	1257.00	53.00
21537.000	105.86	1195.47	1150.00	1311.00	1268.21	64.74
21538.000	99.17	1204.07	1150.00	1311.00	1255.59	51.52
21538.000	101.37	1202.63	1150.00	1311.00	1257.89	55.26
21538.000	102.64	1201.80	1150.00	1311.00	1259.21	57.41
21538.000	107.20	1188.28	1150.00	1311.00	1276.47	88.19
21588.000	99.96	54.14	50.00	125.00	120.56	66.42
21588.000	102.92	49.47	50.00	125.00	125.69	76.21
21588.000	104.41	47.56	50.00	125.00	128.21	80.65
21588.000	108.45	42.37	50.00	125.00	140.74	98.37
21650.000	101.04	1291.20	1280.00	1990.00	1988.13	696.93
21650.000	104.39	1223.53	1280.00	1990.00	2241.68	828.71
21650.000	106.01	1074.63	1280.00	1990.00	2330.30	1195.50
21650.000	110.35	691.37	1280.00	1990.00	2399.32	1707.95
22200.000	101.04	393.90	375.00	1005.00	983.15	589.25
22200.000	104.40	338.08	375.00	1005.00	1040.93	702.84
22200.000	106.02	309.77	375.00	1005.00	1065.38	755.61
22200.000	110.34	177.25	375.00	1005.00	1211.89	1034.64
23700.000	101.77	509.50	500.00	700.00	673.34	163.83
23700.000	104.13	456.13	500.00	700.00	700.64	244.51
23700.000	105.83	404.94	500.00	700.00	709.18	304.24
23700.000	110.25	0.00	500.00	700.00	1040.00	1040.00
24875.000	108.14	1102.63	1236.00	1300.00	1716.96	614.13
24875.000	109.16	1095.84	1236.00	1300.00	1729.71	633.87
24875.000	109.54	1093.01	1236.00	1300.00	1734.53	641.52
24875.000	111.78	1076.42	1236.00	1300.00	1742.70	686.28

LITTLE ROCKFISH CR

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRKAS	EG	10K*8	VCH	AREA	.01K
0.100	0.00	0.00	0.00	51.50	6025.00	70.30	0.00	70.63	8.67	4.63	1363.34	2046.85
0.100	0.00	0.00	0.00	51.50	8500.00	73.51	0.00	73.92	8.53	5.21	1756.46	2910.52
0.100	0.00	0.00	0.00	51.50	9950.00	75.18	0.00	75.64	8.36	5.50	1990.33	3441.95
0.100	0.00	0.00	0.00	51.50	14360.00	79.19	0.00	79.79	8.55	6.35	2660.80	4910.98
0.110	1.00	0.00	0.00	51.50	6025.00	70.30	0.00	70.63	8.67	4.63	1363.44	2046.43
0.110	1.00	0.00	0.00	51.50	8500.00	73.51	0.00	73.92	8.53	5.21	1756.57	2910.78
0.110	1.00	0.00	0.00	51.50	9950.00	75.18	0.00	75.64	8.36	5.50	1990.45	3442.23
0.110	1.00	0.00	0.00	51.50	14360.00	79.19	0.00	79.79	8.55	6.35	2660.96	4911.33
0.120	1.00	0.00	0.00	51.50	6025.00	70.30	0.00	70.63	8.67	4.63	1363.55	2046.63
0.120	1.00	0.00	0.00	51.50	8500.00	73.51	0.00	73.92	8.53	5.21	1756.69	2911.06
0.120	1.00	0.00	0.00	51.50	9950.00	75.18	0.00	75.64	8.35	5.50	1990.58	3442.52
0.120	1.00	0.00	0.00	51.50	14360.00	79.19	0.00	79.79	8.55	6.35	2661.13	4911.70
0.130	3.00	0.00	0.00	51.50	6025.00	70.30	0.00	70.63	8.66	4.63	1363.89	2047.20
0.130	3.00	0.00	0.00	51.50	8500.00	73.51	0.00	73.93	8.52	5.21	1757.04	2911.86
0.130	3.00	0.00	0.00	51.50	9950.00	75.18	0.00	75.64	8.35	5.50	1990.96	3443.38
0.130	3.00	0.00	0.00	51.50	14360.00	79.19	0.00	79.79	8.54	6.35	2661.63	4912.76
0.140	5.00	0.00	0.00	51.50	6025.00	70.31	0.00	70.64	8.65	4.63	1364.35	2048.17
0.140	5.00	0.00	0.00	51.50	8500.00	73.52	0.00	73.93	8.51	5.20	1757.64	2913.21
0.140	5.00	0.00	0.00	51.50	9950.00	75.19	0.00	75.64	8.34	5.49	1991.60	3444.82
0.140	5.00	0.00	0.00	51.50	14360.00	79.20	0.00	79.80	8.54	6.35	2662.48	4914.57
0.200	1340.00	0.00	0.00	51.90	6025.00	71.44	0.00	71.79	8.38	4.82	1365.50	2080.85
0.200	1340.00	0.00	0.00	51.90	8500.00	74.67	0.00	75.10	8.79	5.42	1741.30	2866.89
0.200	1340.00	0.00	0.00	51.90	9950.00	76.33	0.00	76.80	8.86	5.68	1957.14	3342.92
0.200	1340.00	0.00	0.00	51.90	14360.00	80.43	0.00	80.99	9.26	6.36	2661.52	4718.53
0.300	50.00	0.00	0.00	51.90	6025.00	71.56	0.00	71.83	8.45	4.19	1436.89	2855.02
0.300	50.00	0.00	0.00	51.90	8500.00	74.81	0.00	75.15	8.83	4.89	1813.70	3512.89
0.300	50.00	0.00	0.00	51.90	9950.00	76.49	0.00	76.86	8.74	4.83	2060.77	4192.91
0.300	50.00	0.00	0.00	51.90	14360.00	80.63	0.00	81.06	9.90	5.23	2743.18	5913.02
0.400	75.00	91.60	88.00	51.90	6025.00	71.61	0.00	71.88	8.41	4.18	1442.12	2889.06
0.400	75.00	91.60	88.00	51.90	8500.00	74.87	0.00	75.20	8.83	4.67	1821.65	3519.79
0.400	75.00	91.60	88.00	51.90	9950.00	76.55	0.00	76.91	8.67	4.81	2069.33	4177.37
0.400	75.00	91.60	88.00	51.90	14360.00	80.69	0.00	81.11	9.82	5.21	2754.05	5950.17
0.500	35.00	0.00	0.00	52.00	6025.00	71.58	0.00	71.93	8.50	4.86	1369.59	2066.43
0.500	35.00	0.00	0.00	52.00	8500.00	74.83	0.00	75.27	8.93	5.47	1749.74	2844.32
0.500	35.00	0.00	0.00	52.00	9950.00	76.50	0.00	76.98	9.05	5.75	1966.32	3307.13
0.500	35.00	0.00	0.00	52.00	14360.00	80.61	0.00	81.21	9.57	6.48	2661.13	4641.04
0.600	150.00	0.00	0.00	52.30	3450.00	71.94	0.00	72.05	8.79	2.79	1376.24	2064.29
0.600	150.00	0.00	0.00	52.30	5900.00	75.19	0.00	75.41	8.34	3.82	1757.64	2833.40
0.600	150.00	0.00	0.00	52.30	7200.00	76.87	0.00	77.13	8.79	4.19	1975.39	3288.72
0.600	150.00	0.00	0.00	52.30	11000.00	81.00	0.00	81.36	9.72	5.02	2701.83	4998.70
10.000	10.00	0.00	0.00	52.20	3450.00	71.78	0.00	72.17	8.72	5.42	873.53	1168.22
10.000	10.00	0.00	0.00	52.20	5900.00	74.89	0.00	75.63	8.53	7.53	1134.28	1603.73
10.000	10.00	0.00	0.00	52.20	7200.00	76.51	0.00	77.39	8.02	8.34	1281.32	1857.71
10.000	10.00	0.00	0.00	52.20	11000.00	80.46	0.00	81.75	10.38	10.29	1674.79	2565.47

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SEENO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*8	VCH	AREA	JOIK
11.000	1.00	0.00	0.00	52.20	3450.00	71.78	0.00	72.17	8.72	5.42	873.57	1168.24
11.000	1.00	0.00	0.00	52.20	5900.00	74.89	0.00	75.63	13.53	7.53	1134.33	1603.82
11.000	1.00	0.00	0.00	52.20	7200.00	76.51	0.00	77.39	15.02	8.34	1281.37	1857.81
11.000	1.00	0.00	0.00	52.20	11000.00	80.47	0.00	81.75	18.38	10.29	1674.81	2565.50
12.000	1.00	0.00	0.00	52.20	3450.00	71.78	0.00	72.17	8.72	5.42	873.67	1168.44
12.000	1.00	0.00	0.00	52.20	5900.00	74.90	0.00	75.63	13.53	7.53	1134.50	1604.10
12.000	1.00	0.00	0.00	52.20	7200.00	76.51	0.00	77.39	15.01	8.34	1281.57	1858.15
12.000	1.00	0.00	0.00	52.20	11000.00	80.47	0.00	81.76	18.38	10.29	1675.06	2565.98
15.000	3.00	0.00	0.00	52.20	3450.00	71.78	0.00	72.18	8.71	5.42	873.88	1168.74
15.000	3.00	0.00	0.00	52.20	5900.00	74.90	0.00	75.63	13.52	7.53	1134.88	1604.75
15.000	3.00	0.00	0.00	52.20	7200.00	76.52	0.00	77.40	15.00	8.34	1282.01	1858.93
15.000	3.00	0.00	0.00	52.20	11000.00	80.48	0.00	81.76	18.36	10.29	1675.68	2567.14
180.000	165.00	0.00	0.00	51.90	3450.00	71.94	0.00	72.31	7.88	5.24	910.66	1228.92
180.000	165.00	0.00	0.00	51.90	5900.00	75.16	0.00	75.84	12.17	7.27	1185.14	1690.96
180.000	165.00	0.00	0.00	51.90	7200.00	76.81	0.00	77.63	13.53	8.06	1338.27	1957.51
180.000	165.00	0.00	0.00	51.90	11000.00	80.85	0.00	82.04	16.59	9.95	1746.04	2700.40
591.000	411.00	0.00	0.00	52.20	3450.00	72.29	0.00	72.77	12.63	5.95	743.41	970.86
591.000	411.00	0.00	0.00	52.20	5900.00	75.70	0.00	76.53	18.37	8.05	985.46	1376.55
591.000	411.00	0.00	0.00	52.20	7200.00	77.41	0.00	78.38	19.96	8.83	1120.23	1611.78
591.000	411.00	0.00	0.00	52.20	11000.00	81.60	0.00	82.92	23.00	10.59	1514.93	2293.45
641.000	50.00	0.00	0.00	52.30	3450.00	72.66	0.00	72.86	13.94	3.53	976.31	1737.68
641.000	50.00	0.00	0.00	52.30	5900.00	76.36	0.00	76.67	15.51	4.51	1309.50	2512.89
641.000	50.00	0.00	0.00	52.30	7200.00	78.19	0.00	78.55	15.83	4.81	1497.65	2983.12
641.000	50.00	0.00	0.00	52.30	11000.00	82.69	0.00	83.14	16.23	5.44	2023.88	4399.21
669.000	28.00	90.00	86.90	52.30	3450.00	72.68	0.00	72.87	13.93	3.53	977.50	1740.50
669.000	28.00	90.00	86.90	52.30	5900.00	76.38	0.00	76.70	15.49	4.50	1311.39	2517.98
669.000	28.00	90.00	86.90	52.30	7200.00	78.22	0.00	78.57	15.80	4.80	1500.07	2989.88
669.000	28.00	90.00	86.90	52.30	11000.00	82.71	0.00	83.17	16.23	5.43	2027.00	4406.70
719.000	50.00	0.00	0.00	51.30	3450.00	72.59	0.00	72.98	19.78	5.47	824.59	1103.14
719.000	50.00	0.00	0.00	51.30	5900.00	76.20	0.00	76.88	14.15	7.37	1093.81	1588.45
719.000	50.00	0.00	0.00	51.30	7200.00	78.00	0.00	78.80	15.39	8.08	1245.90	1835.33
719.000	50.00	0.00	0.00	51.30	11000.00	82.40	0.00	83.48	17.65	9.65	1712.73	2618.65
760.000	41.00	0.00	0.00	50.70	3450.00	72.63	0.00	73.02	19.18	5.41	869.30	1158.90
760.000	41.00	0.00	0.00	50.70	5900.00	76.25	0.00	76.95	13.77	7.41	1147.79	1589.78
760.000	41.00	0.00	0.00	50.70	7200.00	78.04	0.00	78.87	15.20	8.17	1304.89	1847.02
760.000	41.00	0.00	0.00	50.70	11000.00	82.42	0.00	83.57	18.07	9.91	1791.31	2587.70
3740.000	2980.00	0.00	0.00	54.60	3450.00	75.62	0.00	76.12	11.71	5.87	743.42	1008.16
3740.000	2980.00	0.00	0.00	54.60	5900.00	80.26	0.00	81.04	13.75	7.50	1096.71	1590.95
3740.000	2980.00	0.00	0.00	54.60	7200.00	82.34	0.00	83.24	14.32	8.15	1280.95	1902.57
3740.000	2980.00	0.00	0.00	54.60	11000.00	87.27	0.00	88.42	15.15	9.52	1990.03	2828.13
6130.000	2390.00	0.00	0.00	60.40	3450.00	78.18	0.00	78.48	8.06	4.76	1227.15	1214.88
6130.000	2390.00	0.00	0.00	60.40	5900.00	83.04	0.00	83.33	6.52	5.14	2199.47	2309.87
6130.000	2390.00	0.00	0.00	60.40	7200.00	85.21	0.00	85.49	6.07	5.31	2671.01	2923.05
6130.000	2390.00	0.00	0.00	60.40	11000.00	90.32	0.00	90.63	15.51	5.81	3871.67	4686.79

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CKSEL	CRWS	EG	TKRS	VCH	AREA	JK
8750.000	2620.00	0.00	0.00	62.90	3450.00	80.74	0.00	81.25	13.58	5.79	663.73	936.20
8750.000	2620.00	0.00	0.00	62.90	5900.00	85.22	0.00	85.96	14.56	7.16	1126.52	1546.31
8750.000	2620.00	0.00	0.00	62.90	7200.00	87.23	0.00	88.02	14.15	7.55	1457.47	1913.87
8750.000	2620.00	0.00	0.00	62.90	11000.00	92.11	0.00	92.90	12.35	8.10	2562.22	3129.61
12950.000	4200.00	0.00	0.00	68.00	3450.00	86.46	0.00	86.93	13.46	6.07	890.20	940.35
12950.000	4200.00	0.00	0.00	68.00	5900.00	91.30	0.00	91.88	13.51	7.14	1519.65	1605.12
12950.000	4200.00	0.00	0.00	68.00	7200.00	93.22	0.00	93.81	13.30	7.48	1950.10	1974.54
12950.000	4200.00	0.00	0.00	68.00	11000.00	97.53	0.00	98.08	12.10	7.95	3340.49	3162.01
13417.000	467.00	0.00	0.00	65.10	3450.00	87.08	0.00	87.18	1.67	2.66	1693.65	2673.33
13417.000	467.00	0.00	0.00	65.10	5900.00	92.01	0.00	92.16	2.01	3.39	2503.82	4164.37
13417.000	467.00	0.00	0.00	65.10	7200.00	93.93	0.00	94.10	2.17	3.70	2963.55	4889.09
13417.000	467.00	0.00	0.00	65.10	11000.00	98.15	0.00	98.38	2.57	4.44	4291.16	6859.70
13467.000	50.00	0.00	0.00	64.70	3450.00	87.08	0.00	87.20	2.75	2.83	1219.94	2080.49
13467.000	50.00	0.00	0.00	64.70	5900.00	92.01	0.00	92.18	2.48	3.27	1805.24	3748.67
13467.000	50.00	0.00	0.00	64.70	7200.00	93.93	0.00	94.12	2.53	3.52	2046.64	4529.08
13467.000	50.00	0.00	0.00	64.70	11000.00	98.13	0.00	98.41	2.79	4.21	2677.90	6586.80
13493.000	26.00	98.80	98.60	64.70	3450.00	87.09	0.00	87.21	2.74	2.82	1221.54	2084.76
13493.000	26.00	98.80	98.60	64.70	5900.00	92.03	0.00	92.20	2.47	3.26	1807.29	3754.82
13493.000	26.00	98.80	98.60	64.70	7200.00	93.95	0.00	94.14	2.52	3.51	2048.83	4536.39
13493.000	26.00	98.80	98.60	64.70	11000.00	98.15	0.00	98.43	2.82	4.22	2607.53	6548.41
13543.000	50.00	0.00	0.00	65.50	3450.00	87.13	0.00	87.23	1.69	2.65	1643.63	2651.12
13543.000	50.00	0.00	0.00	65.50	5900.00	92.07	0.00	92.21	1.96	3.51	2450.73	4218.78
13543.000	50.00	0.00	0.00	65.50	7200.00	94.00	0.00	94.16	2.08	3.59	2878.58	4995.15
13543.000	50.00	0.00	0.00	65.50	11000.00	98.26	0.00	98.46	2.36	4.23	4178.93	7158.74
13900.000	357.00	0.00	0.00	70.10	3450.00	87.16	0.00	87.37	4.89	3.77	1059.44	1580.49
13900.000	357.00	0.00	0.00	70.10	5900.00	92.09	0.00	92.37	4.75	4.49	1694.11	2707.78
13900.000	357.00	0.00	0.00	70.10	7200.00	94.01	0.00	94.33	4.89	4.65	1978.21	3237.22
13900.000	357.00	0.00	0.00	70.10	11000.00	98.25	0.00	98.67	5.43	5.75	2791.18	4720.51
15080.000	1180.00	0.00	0.00	70.30	3450.00	87.86	0.00	88.03	6.35	3.74	1288.42	1368.71
15080.000	1180.00	0.00	0.00	70.30	5900.00	92.80	0.00	92.95	4.76	3.77	2324.39	2703.84
15080.000	1180.00	0.00	0.00	70.30	7200.00	94.75	0.00	94.91	4.51	3.85	2805.07	3392.14
15080.000	1180.00	0.00	0.00	70.30	11000.00	99.11	0.00	99.28	4.28	4.13	4002.37	5314.13
16710.000	1.00	0.00	0.00	74.40	3450.00	87.81	0.00	88.06	8.48	4.48	1072.35	1184.52
16710.000	1.00	0.00	0.00	74.40	5900.00	92.72	0.00	93.00	6.47	4.90	1743.43	2319.51
16710.000	1.00	0.00	0.00	74.40	7200.00	94.66	0.00	94.97	6.33	5.20	2023.73	2881.69
16710.000	1.00	0.00	0.00	74.40	11000.00	98.97	0.00	99.38	6.71	6.13	2675.85	4245.64
16858.000	148.00	0.00	0.00	76.80	3450.00	87.86	0.00	88.34	20.13	5.99	770.82	768.92
16858.000	148.00	0.00	0.00	76.80	5900.00	92.76	0.00	93.19	11.62	5.99	1413.96	1730.56
16858.000	148.00	0.00	0.00	76.80	7200.00	94.70	0.00	95.15	10.63	6.17	1683.59	2208.46
16858.000	148.00	0.00	0.00	76.80	11000.00	99.00	0.00	99.55	10.14	7.02	2312.45	3454.73
16903.000	45.00	0.00	0.00	78.10	3450.00	87.80	0.00	88.54	23.35	7.31	601.97	714.02
16903.000	45.00	0.00	0.00	78.10	5900.00	92.74	0.00	93.29	10.66	6.69	1234.90	1806.67
16903.000	45.00	0.00	0.00	78.10	7200.00	94.68	0.00	95.23	9.26	6.82	1499.26	2365.55
16903.000	45.00	0.00	0.00	78.10	11000.00	98.99	0.00	99.63	8.19	7.55	2115.72	3844.48

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRKRS	EG	10K*8	VCH	AREA	.01K
* 16907.000	4.00	0.00	0.00	89.00	3450.00	92.69	92.69	94.48	150.02	10.87	338.17	281.67
* 16907.000	4.00	0.00	0.00	89.00	5900.00	94.26	94.26	96.73	131.37	12.88	500.50	514.76
* 16907.000	4.00	0.00	0.00	89.00	7200.00	94.98	94.98	97.77	125.65	13.73	579.40	642.31
16907.000	4.00	0.00	0.00	89.00	11000.00	97.63	0.00	100.55	82.37	14.19	889.26	1212.05
* 16908.000	1.00	0.00	0.00	89.00	3450.00	92.77	92.77	94.66	150.07	11.02	313.06	281.63
* 16908.000	1.00	0.00	0.00	89.00	5900.00	94.38	94.38	97.09	134.95	13.22	446.13	507.88
* 16908.000	1.00	0.00	0.00	89.00	7200.00	95.14	95.14	98.24	129.25	14.13	509.43	633.31
* 16908.000	1.00	0.00	0.00	89.00	11000.00	97.17	97.17	101.26	116.44	16.21	678.39	1019.39
* 16962.000	54.00	108.40	98.50	93.20	3450.00	98.21	0.00	99.30	60.99	8.40	410.81	441.77
* 16962.000	54.00	108.40	98.50	93.20	5900.00	99.00	0.00	101.38	109.24	12.39	476.22	564.51
* 16962.000	54.00	108.40	98.50	93.20	7200.00	99.41	99.41	102.50	129.00	14.10	510.74	633.92
* 16962.000	54.00	108.40	98.50	93.20	11000.00	101.64	0.00	105.52	108.55	15.82	695.37	1055.80
17012.000	50.00	0.00	0.00	78.20	3450.00	99.52	0.00	99.52	0.02	0.44	7776.86	22902.69
17012.000	50.00	0.00	0.00	78.20	5900.00	101.85	0.00	101.86	0.04	0.65	9040.77	28721.77
17012.000	50.00	0.00	0.00	78.20	7200.00	103.11	0.00	103.12	0.05	0.74	9740.15	32355.05
17012.000	50.00	0.00	0.00	78.20	11000.00	106.28	0.00	106.30	0.07	0.96	11546.66	42556.71
18400.000	1388.00	0.00	0.00	82.00	3450.00	99.52	0.00	99.53	0.02	0.35	9965.32	27244.55
18400.000	1388.00	0.00	0.00	82.00	5900.00	101.86	0.00	101.86	0.03	0.50	11799.47	34967.89
18400.000	1388.00	0.00	0.00	82.00	7200.00	103.12	0.00	103.12	0.03	0.56	12825.00	39960.26
18400.000	1388.00	0.00	0.00	82.00	11000.00	106.30	0.00	106.31	0.04	0.71	15520.63	54273.94
20130.000	1730.00	0.00	0.00	86.50	3450.00	99.49	0.00	99.56	1.19	2.23	1550.50	3162.59
20130.000	1730.00	0.00	0.00	86.50	5900.00	101.80	0.00	101.93	2.01	2.93	2012.46	4159.82
20130.000	1730.00	0.00	0.00	86.50	7200.00	103.05	0.00	103.20	2.04	3.10	2340.96	5044.10
20130.000	1730.00	0.00	0.00	86.50	11000.00	106.21	0.00	106.40	1.75	3.49	3522.64	8323.19
21025.000	895.00	0.00	0.00	88.90	3450.00	99.59	0.00	99.70	1.56	2.36	1349.44	2764.04
21025.000	895.00	0.00	0.00	88.90	5900.00	101.95	0.00	102.14	2.18	3.42	1726.63	4000.45
21025.000	895.00	0.00	0.00	88.90	7200.00	103.20	0.00	103.42	2.29	3.73	1935.53	4804.52
21025.000	895.00	0.00	0.00	88.90	11000.00	106.32	0.00	106.63	2.37	4.48	2559.77	7140.67
21400.000	375.00	0.00	0.00	89.80	3450.00	99.72	0.00	99.73	0.12	0.59	5886.04	9947.66
21400.000	375.00	0.00	0.00	89.80	5900.00	102.18	0.00	102.18	0.13	0.71	6306.68	16449.39
21400.000	375.00	0.00	0.00	89.80	7200.00	103.46	0.00	103.47	0.12	0.75	9677.50	21078.07
21400.000	375.00	0.00	0.00	89.80	11000.00	106.69	0.00	106.70	0.10	0.84	13510.29	34818.11
21463.000	63.00	0.00	0.00	89.90	3450.00	99.08	0.00	100.16	25.88	8.33	413.92	678.14
21463.000	63.00	0.00	0.00	89.90	5900.00	101.12	0.00	102.89	33.57	10.69	551.90	1018.28
21463.000	63.00	0.00	0.00	89.90	7200.00	102.28	0.00	104.26	53.33	11.51	636.82	1247.09
21463.000	63.00	0.00	0.00	89.90	11000.00	105.15	0.00	107.73	29.34	12.89	865.77	2030.75
21513.000	50.00	0.00	0.00	90.10	3450.00	98.95	0.00	100.50	38.04	10.00	345.00	559.39
21513.000	50.00	0.00	0.00	90.10	5900.00	100.70	0.00	103.52	55.74	13.48	437.70	790.26
21513.000	50.00	0.00	0.00	90.10	7200.00	101.68	0.00	105.02	59.67	14.66	491.05	932.09
21513.000	50.00	0.00	0.00	90.10	11000.00	104.08	0.00	108.81	70.84	17.44	630.80	1306.97
21514.000	1.00	134.30	128.70	90.10	3450.00	98.95	0.00	100.51	38.49	10.05	343.28	556.08
21514.000	1.00	134.30	128.70	90.10	5900.00	100.67	0.00	103.56	57.29	13.64	432.57	779.48
21514.000	1.00	134.30	128.70	90.10	7200.00	101.62	0.00	105.07	61.43	14.90	483.18	918.82
21514.000	1.00	134.30	128.70	90.10	11000.00	103.76	103.54	109.04	79.00	18.43	596.69	1237.59

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SECNO	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRWS	EG	10K*9	VCH	AREA	JOIK
21537.000	23.00	134.30	128.70	90.10	3450.00	99.12	0.00	100.61	35.83	9.81	351.80	576.36
21537.000	23.00	134.30	128.70	90.10	5900.00	101.19	0.00	103.74	47.74	12.83	459.91	853.92
21537.000	23.00	134.30	128.70	90.10	7200.00	102.30	0.00	105.29	49.70	13.87	519.22	1021.34
21537.000	23.00	134.30	128.70	90.10	11000.00	105.86	0.00	109.51	58.24	15.34	716.87	1441.43
21538.000	1.00	0.00	0.00	90.10	3450.00	99.17	0.00	100.62	34.70	9.69	356.02	585.69
21538.000	1.00	0.00	0.00	90.10	5900.00	101.37	0.00	103.78	44.37	12.45	473.87	885.74
21538.000	1.00	0.00	0.00	90.10	7200.00	102.64	0.00	105.35	44.25	13.20	545.33	1082.35
21538.000	1.00	0.00	0.00	90.10	11000.00	107.20	0.00	109.74	38.55	12.80	859.43	1771.72
21588.000	50.00	0.00	0.00	90.20	3450.00	99.96	0.00	100.86	20.28	7.65	451.08	766.18
21588.000	50.00	0.00	0.00	90.20	5900.00	102.92	0.00	104.15	19.68	8.91	662.11	1329.94
21588.000	50.00	0.00	0.00	90.20	7200.00	104.41	0.00	105.75	17.40	9.30	779.05	1726.02
21588.000	50.00	0.00	0.00	90.20	11000.00	108.45	0.00	110.04	13.32	10.15	1136.84	3013.81
21650.000	62.00	0.00	0.00	90.60	3350.00	101.04	0.00	101.05	0.07	0.56	6028.55	1256.15
21650.000	62.00	0.00	0.00	90.60	5700.00	104.39	0.00	104.40	0.07	0.68	8457.23	21569.55
21650.000	62.00	0.00	0.00	90.60	7100.00	106.01	0.00	106.02	0.07	0.74	10095.72	26792.55
21650.000	62.00	0.00	0.00	90.60	10800.00	110.35	0.00	110.36	0.06	0.83	15999.07	43831.45
22200.000	550.00	0.00	0.00	92.50	3350.00	101.04	0.00	101.06	0.35	0.96	3498.79	5680.66
22200.000	550.00	0.00	0.00	92.50	5700.00	104.40	0.00	104.41	0.23	1.02	5666.73	11862.85
22200.000	550.00	0.00	0.00	92.50	7100.00	106.02	0.00	106.03	0.20	1.07	6848.10	15731.65
22200.000	550.00	0.00	0.00	92.50	10800.00	110.34	0.00	110.36	0.14	1.14	10635.37	28366.70
* 23700.000	1500.00	0.00	0.00	98.00	2950.00	101.77	101.77	102.86	103.13	8.37	352.31	290.49
23700.000	1500.00	0.00	0.00	98.00	5150.00	104.13	0.00	104.77	27.11	6.46	834.92	989.18
23700.000	1500.00	0.00	0.00	98.00	6400.00	105.83	0.00	106.30	12.37	5.54	1303.15	1819.67
23700.000	1500.00	0.00	0.00	98.00	9900.00	110.25	0.00	110.53	3.68	4.43	3885.00	5159.82
24875.000	2675.00	0.00	0.00	102.00	2950.00	108.14	0.00	108.28	8.19	4.25	2170.18	1030.78
24875.000	2675.00	0.00	0.00	102.00	5150.00	109.16	0.00	109.41	12.10	5.80	2802.20	1480.56
24875.000	2675.00	0.00	0.00	102.00	6400.00	109.54	0.00	109.87	14.70	6.65	3046.27	1669.15
24875.000	2675.00	0.00	0.00	102.00	9900.00	111.78	0.00	112.11	11.13	7.01	4532.25	2967.74

LITTLE ROCKFISH CR

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CKSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.100	6025.00	70.30	0.00	0.00	0.00	112.96	0.00
0.100	8500.00	73.51	3.21	0.00	0.00	133.88	0.00
0.100	9950.00	75.18	1.67	0.00	0.00	146.67	0.00
0.100	14360.00	79.19	4.01	0.00	0.00	189.20	0.00
0.110	6025.00	70.30	0.00	0.00	0.00	112.96	1.00
0.110	8500.00	73.51	3.21	0.00	0.00	133.89	1.00
0.110	9950.00	75.18	1.67	0.00	0.00	146.68	1.00
0.110	14360.00	79.19	4.01	0.00	0.00	189.22	1.00
0.120	6025.00	70.30	0.00	0.00	0.00	112.96	1.00
0.120	8500.00	73.51	3.21	0.00	0.00	133.90	1.00
0.120	9950.00	75.18	1.67	0.00	0.00	146.69	1.00
0.120	14360.00	79.19	4.01	0.00	0.00	189.24	1.00
0.130	6025.00	70.30	0.00	0.00	0.00	112.98	3.00
0.130	8500.00	73.51	3.21	0.00	0.00	133.91	3.00
0.130	9950.00	75.18	1.67	0.00	0.00	146.71	3.00
0.130	14360.00	79.19	4.01	0.00	0.00	189.28	3.00
0.140	6025.00	70.31	0.00	0.00	0.00	113.00	5.00
0.140	8500.00	73.52	3.21	0.00	0.00	133.95	5.00
0.140	9950.00	75.19	1.67	0.00	0.00	146.76	5.00
0.140	14360.00	79.20	4.01	0.00	0.00	189.37	5.00
0.200	6025.00	71.44	0.00	1.13	0.00	110.53	1340.00
0.200	8500.00	74.67	3.23	1.15	0.00	123.55	1340.00
0.200	9950.00	76.33	1.67	1.15	0.00	134.30	1340.00
0.200	14360.00	80.43	4.09	1.23	0.00	234.97	1340.00
0.300	6025.00	71.56	0.00	0.12	0.00	105.50	50.00
0.300	8500.00	74.81	3.25	0.14	0.00	140.11	50.00
0.300	9950.00	76.49	1.69	0.16	0.00	150.00	50.00
0.300	14360.00	80.63	4.14	0.21	0.00	181.31	50.00
0.400	6025.00	71.61	0.00	0.05	0.00	105.67	75.00
0.400	8500.00	74.87	3.26	0.06	0.00	141.31	75.00
0.400	9950.00	76.55	1.69	0.06	0.00	150.23	75.00
0.400	14360.00	80.69	4.14	0.06	0.00	181.38	75.00
0.500	6025.00	71.58	0.00	-0.03	0.00	110.67	35.00
0.500	8500.00	74.83	3.25	-0.04	0.00	123.98	35.00
0.500	9950.00	76.50	1.67	-0.05	0.00	134.74	35.00
0.500	14360.00	80.61	4.11	-0.08	0.00	232.49	35.00
0.600	3450.00	71.94	0.00	0.36	0.00	110.90	150.00
0.600	5900.00	75.19	3.25	0.36	0.00	124.39	150.00
0.600	7200.00	76.87	1.68	0.37	0.00	135.17	150.00
0.600	11000.00	81.00	4.13	0.39	0.00	232.64	150.00
10.000	3450.00	71.78	0.00	-0.16	0.00	78.84	10.00
10.000	5900.00	74.89	3.12	-0.30	0.00	88.54	10.00
10.000	7200.00	76.51	1.61	-0.36	0.00	93.56	10.00
10.000	11000.00	80.46	3.96	-0.54	0.00	103.74	10.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
11.000	3450.00	73.78	0.00	0.00	0.00	78.84	1.00
11.000	5900.00	74.89	3.12	0.00	0.00	88.54	1.00
11.000	7200.00	76.51	1.61	0.00	0.00	93.56	1.00
11.000	11000.00	80.47	3.96	0.00	0.00	103.74	1.00
12.000	3450.00	71.78	0.00	0.00	0.00	78.85	1.00
12.000	5900.00	74.90	3.12	0.00	0.00	88.54	1.00
12.000	7200.00	76.51	1.62	0.00	0.00	93.57	1.00
12.000	11000.00	80.47	3.96	0.00	0.00	103.74	1.00
15.000	3450.00	71.78	0.00	0.00	0.00	78.86	3.00
15.000	5900.00	74.90	3.12	0.00	0.00	88.56	3.00
15.000	7200.00	76.52	1.62	0.01	0.00	93.58	3.00
15.000	11000.00	80.48	3.96	0.01	0.00	103.75	3.00
180.000	3450.00	71.94	0.00	0.16	0.00	80.29	165.00
180.000	5900.00	75.16	3.22	0.26	0.00	90.31	165.00
180.000	7200.00	76.81	1.65	0.29	0.00	95.44	165.00
180.000	11000.00	80.85	4.04	0.37	0.00	104.50	165.00
591.000	3450.00	72.29	0.00	0.35	0.00	66.41	411.00
591.000	5900.00	75.70	3.41	0.53	0.00	76.18	411.00
591.000	7200.00	77.41	1.71	0.60	0.00	81.46	411.00
591.000	11000.00	81.60	4.20	0.75	0.00	110.01	411.00
641.000	3450.00	72.66	0.00	0.37	0.00	81.65	50.00
641.000	5900.00	76.36	3.70	0.66	0.00	98.49	50.00
641.000	7200.00	78.19	1.83	0.79	0.00	106.85	50.00
641.000	11000.00	82.69	4.49	1.08	0.00	127.32	50.00
669.000	3450.00	72.68	0.00	0.01	0.00	81.72	28.00
669.000	5900.00	76.38	3.70	0.02	0.00	98.59	28.00
669.000	7200.00	78.22	1.84	0.02	0.00	106.95	28.00
669.000	11000.00	82.71	4.50	0.03	0.00	127.40	28.00
719.000	3450.00	72.59	0.00	-0.09	0.00	69.50	50.00
719.000	5900.00	76.20	3.62	-0.18	0.00	80.52	50.00
719.000	7200.00	78.00	1.79	-0.22	0.00	88.88	50.00
719.000	11000.00	82.40	4.40	-0.32	0.00	123.26	50.00
760.000	3450.00	72.63	0.00	0.04	0.00	71.31	41.00
760.000	5900.00	76.25	3.62	0.05	0.00	82.50	41.00
760.000	7200.00	78.04	1.79	0.04	0.00	93.91	41.00
760.000	11000.00	82.42	4.36	0.03	0.00	128.14	41.00
3740.000	3450.00	75.62	0.00	2.99	0.00	68.61	2980.00
3740.000	5900.00	80.26	4.64	4.01	0.00	83.69	2980.00
3740.000	7200.00	82.34	2.08	4.30	0.00	103.74	2980.00
3740.000	11000.00	87.27	4.93	4.85	0.00	182.79	2980.00
6130.000	3450.00	78.18	0.00	2.56	0.00	187.73	2390.00
6130.000	5900.00	83.04	4.86	2.79	0.00	212.29	2390.00
6130.000	7200.00	85.21	2.17	2.87	0.00	223.22	2390.00
6130.000	11000.00	90.32	5.12	3.06	0.00	245.79	2390.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
8750.000	3450.00	80.74	0.00	2.56	0.00	63.31	2620.00
8750.000	5900.00	85.22	4.48	2.18	0.00	148.42	2620.00
8750.000	7200.00	87.23	2.01	2.02	0.00	181.09	2620.00
8750.000	11000.00	92.11	4.88	1.79	0.00	272.67	2620.00
12950.000	3450.00	86.46	0.00	5.72	0.00	99.10	4200.00
12950.000	5900.00	91.30	4.84	6.08	0.00	194.47	4200.00
12950.000	7200.00	93.22	1.92	5.99	0.00	253.28	4200.00
12950.000	11000.00	97.53	4.30	5.41	0.00	399.61	4200.00
13417.000	3450.00	87.08	0.00	0.62	0.00	142.40	467.00
13417.000	5900.00	92.01	4.93	0.71	0.00	218.08	467.00
13417.000	7200.00	93.93	1.92	0.71	0.00	259.43	467.00
13417.000	11000.00	98.15	4.22	0.62	0.00	396.55	467.00
13467.000	3450.00	87.08	0.00	0.00	0.00	112.53	50.00
13467.000	5900.00	92.01	4.94	0.00	0.00	124.03	50.00
13467.000	7200.00	93.93	1.92	0.00	0.00	127.71	50.00
13467.000	11000.00	98.15	4.20	-0.01	0.00	182.36	50.00
13493.000	3450.00	87.09	0.00	0.01	0.00	112.56	26.00
13493.000	5900.00	92.03	4.94	0.02	0.00	124.06	26.00
13493.000	7200.00	93.95	1.92	0.02	0.00	127.75	26.00
13493.000	11000.00	98.15	4.21	0.02	0.00	134.00	26.00
13543.000	3450.00	87.13	0.00	0.04	0.00	140.41	50.00
13543.000	5900.00	92.07	4.94	0.04	0.00	210.17	50.00
13543.000	7200.00	94.00	1.93	0.05	0.00	252.99	50.00
13543.000	11000.00	98.26	4.26	0.10	0.00	382.49	50.00
13900.000	3450.00	87.16	0.00	0.03	0.00	115.24	357.00
13900.000	5900.00	92.09	4.93	0.02	0.00	142.42	357.00
13900.000	7200.00	94.01	1.92	0.01	0.00	153.23	357.00
13900.000	11000.00	98.25	4.24	-0.01	0.00	246.18	357.00
15080.000	3450.00	87.86	0.00	0.69	0.00	183.97	1180.00
15080.000	5900.00	92.80	4.94	0.70	0.00	233.38	1180.00
15080.000	7200.00	94.75	1.96	0.74	0.00	255.74	1180.00
15080.000	11000.00	99.11	4.36	0.86	0.00	292.45	1180.00
16710.000	3450.00	87.81	0.00	-0.05	0.00	130.91	1.00
16710.000	5900.00	92.72	4.91	-0.07	0.00	142.20	1.00
16710.000	7200.00	94.66	1.94	-0.09	0.00	148.66	1.00
16710.000	11000.00	98.97	4.30	-0.14	0.00	156.55	1.00
16858.000	3450.00	87.86	0.00	0.05	0.00	125.51	148.00
16858.000	5900.00	92.76	4.90	0.04	0.00	136.78	148.00
16858.000	7200.00	94.70	1.94	0.04	0.00	141.23	148.00
16858.000	11000.00	99.00	4.30	0.04	0.00	151.12	148.00
16903.000	3450.00	87.80	0.00	-0.06	0.00	122.38	45.00
16903.000	5900.00	92.74	4.94	-0.02	0.00	133.74	45.00
16903.000	7200.00	94.68	1.94	-0.02	0.00	138.20	45.00
16903.000	11000.00	98.99	4.31	-0.01	0.00	148.10	45.00

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SECNO	Q	CRSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
* 16907.000	3450.00	92.69	0.00	4.90	0.00	100.09	4.00
* 16907.000	5900.00	94.26	1.57	1.52	0.00	107.33	4.00
* 16907.000	7200.00	94.98	0.72	0.30	0.00	110.67	4.00
* 16907.000	11000.00	97.63	2.65	-1.36	0.00	122.94	4.00
* 16908.000	3450.00	92.77	0.00	0.08	0.00	83.00	1.00
* 16908.000	5900.00	94.38	1.60	0.12	0.00	83.00	1.00
* 16908.000	7200.00	95.14	0.76	0.15	0.00	83.00	1.00
* 16908.000	11000.00	97.17	2.04	-0.46	0.00	83.00	1.00
* 16962.000	3450.00	98.21	0.00	5.44	0.00	83.00	54.00
* 16962.000	5900.00	99.00	0.79	4.62	0.00	83.00	54.00
* 16962.000	7200.00	99.41	0.42	4.28	0.00	83.00	54.00
* 16962.000	11000.00	101.64	2.22	4.46	0.00	83.00	54.00
17012.000	3450.00	99.52	0.00	1.31	0.00	532.67	50.00
17012.000	5900.00	101.85	2.33	2.85	0.00	552.09	50.00
17012.000	7200.00	103.11	1.26	3.69	0.00	560.04	50.00
17012.000	11000.00	106.28	3.18	4.65	0.00	575.71	50.00
18400.000	3450.00	99.52	0.00	0.00	0.00	767.07	1388.00
18400.000	5900.00	101.86	2.33	0.01	0.00	804.52	1388.00
18400.000	7200.00	103.12	1.26	0.01	0.00	829.28	1388.00
18400.000	11000.00	106.30	3.18	0.01	0.00	864.17	1388.00
20130.000	3450.00	99.49	0.00	-0.04	0.00	182.94	1730.00
20130.000	5900.00	101.80	2.31	-0.06	0.00	233.18	1730.00
20130.000	7200.00	103.05	1.25	-0.07	0.00	294.75	1730.00
20130.000	11000.00	106.21	3.17	-0.09	0.00	449.50	1730.00
21025.000	3450.00	99.59	0.00	0.11	0.00	155.53	895.00
21025.000	5900.00	101.95	2.36	0.16	0.00	164.11	895.00
21025.000	7200.00	103.20	1.24	0.15	0.00	172.26	895.00
21025.000	11000.00	106.32	3.12	0.11	0.00	237.79	895.00
21400.000	3450.00	99.72	0.00	0.13	0.00	933.76	375.00
21400.000	5900.00	102.16	2.45	0.22	0.00	1038.94	375.00
21400.000	7200.00	103.46	1.28	0.26	0.00	1095.97	375.00
21400.000	11000.00	106.69	3.23	0.37	0.00	1347.64	375.00
21463.000	3450.00	99.08	0.00	-0.64	0.00	64.51	63.00
21463.000	5900.00	101.12	2.04	-1.06	0.00	71.36	63.00
21463.000	7200.00	102.28	1.16	-1.18	0.00	75.23	63.00
21463.000	11000.00	105.15	2.88	-1.54	0.00	84.10	63.00
21513.000	3450.00	98.95	0.00	-0.13	0.00	51.15	50.00
21513.000	5900.00	100.70	1.75	-0.42	0.00	54.14	50.00
21513.000	7200.00	101.68	0.98	-0.59	0.00	55.78	50.00
21513.000	11000.00	104.08	2.40	-1.07	0.00	61.99	50.00
21514.000	3450.00	98.95	0.00	-0.01	0.00	50.75	1.00
21514.000	5900.00	100.67	1.72	-0.03	0.00	53.00	1.00
21514.000	7200.00	101.62	0.95	-0.06	0.00	53.00	1.00
21514.000	11000.00	103.76	2.14	-0.33	0.00	53.81	1.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
21537.000	3450.00	99.12	0.00	0.18	0.00	51.03	23.00
21537.000	5900.00	101.19	2.07	0.52	0.00	53.00	23.00
21537.000	7200.00	102.30	1.12	0.68	0.00	53.00	23.00
21537.000	11000.00	105.86	3.55	2.10	0.00	64.74	23.00
21538.000	3450.00	99.17	0.00	0.05	0.00	51.52	1.00
21538.000	5900.00	101.37	2.20	0.18	0.00	55.26	1.00
21538.000	7200.00	102.64	1.27	0.34	0.00	57.41	1.00
21538.000	11000.00	107.20	4.55	1.34	0.00	88.19	1.00
21588.000	3450.00	99.96	0.00	0.79	0.00	66.42	50.00
21588.000	5900.00	102.92	2.96	1.55	0.00	76.21	50.00
21588.000	7200.00	104.41	1.49	1.77	0.00	80.65	50.00
21588.000	11000.00	108.45	4.04	1.25	0.00	98.37	50.00
21650.000	3350.00	101.04	0.00	1.09	0.00	696.93	62.00
21650.000	5700.00	104.39	3.35	1.47	0.00	828.71	62.00
21650.000	7100.00	106.01	1.62	1.60	0.00	1195.50	62.00
21650.000	10800.00	110.35	4.33	1.90	0.00	1707.95	62.00
22200.000	3350.00	101.04	0.00	0.00	0.00	589.25	550.00
22200.000	5700.00	104.40	3.35	0.00	0.00	702.84	550.00
22200.000	7100.00	106.02	1.62	0.00	0.00	755.61	550.00
22200.000	10800.00	110.34	4.33	0.00	0.00	1034.64	550.00
* 23700.000	2950.00	101.77	0.00	0.73	0.00	163.83	1500.00
23700.000	5150.00	104.13	2.35	-0.27	0.00	244.51	1500.00
23700.000	6400.00	105.83	1.71	-0.18	0.00	304.24	1500.00
23700.000	9900.00	110.25	4.41	-0.10	0.00	1040.00	1500.00
24875.000	2950.00	108.14	0.00	6.37	0.00	614.13	2675.00
24875.000	5150.00	109.16	1.02	5.03	0.00	633.87	2675.00
24875.000	6400.00	109.54	0.38	3.71	0.00	641.52	2675.00
24875.000	9900.00	111.78	2.24	1.53	0.00	686.28	2675.00

SUMMARY OF ERRORS

- CAUTION SECNO=16907.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=16907.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=16907.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=16907.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=16907.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=16907.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=16907.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=16907.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=16907.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=16908.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=16908.000 PROFILE= 1 MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=16908.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=16908.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=16908.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=16908.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=16908.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=16908.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE WSEL
- CAUTION SECNO=16908.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=16908.000 PROFILE= 4 MINIMUM SPECIFIC ENERGY

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FLOOD INSURANCE ZONE DATA FOR LITTLE ROCKFISH CR

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND I		
		10%	2%	0.2%
0.100	0.	-4.88	-1.67	4.01
0.110	1.	-4.88	-1.67	4.01
0.120	2.	-4.88	-1.67	4.01
0.130	5.	-4.88	-1.67	4.01
0.140	10.	-4.88	-1.67	4.01
0.200	1350.	-4.89	-1.67	4.09
0.300	1400.	-4.94	-1.69	4.14
0.400	1475.	-4.95	-1.69	4.14
0.500	1510.	-4.92	-1.67	4.11
0.600	1660.	-4.93	-1.68	4.13
10.000	1670.	-4.73	-1.61	3.96
11.000	1671.	-4.73	-1.61	3.96
12.000	1672.	-4.73	-1.62	3.96
15.000	1675.	-4.73	-1.62	3.96
180.000	1840.	-4.87	-1.65	4.04
591.000	2251.	-5.11	-1.71	4.20
641.000	2301.	-5.52	-1.83	4.49
669.000	2329.	-5.54	-1.84	4.50
719.000	2379.	-5.41	-1.79	4.40
760.000	2420.	-5.41	-1.79	4.38
3740.000	5400.	-6.72	-2.08	4.93
6130.000	7790.	-7.03	-2.17	5.12
8750.000	10410.	-6.49	-2.01	4.88
12950.000	14610.	-6.76	-1.92	4.30
13417.000	15077.	-6.85	-1.92	4.22
13467.000	15127.	-6.86	-1.92	4.20
13493.000	15153.	-6.86	-1.92	4.21
13543.000	15203.	-6.87	-1.93	4.26
13900.000	15560.	-6.89	-1.92	4.24
15080.000	16740.	-6.90	-1.96	4.36
16710.000	16741.	-6.86	-1.94	4.30
16858.000	16889.	-6.84	-1.94	4.30
16903.000	16934.	-6.89	-1.94	4.31
16907.000	16938.	-2.29	-0.72	2.65
16908.000	16939.	-2.37	-0.76	2.04
16962.000	16993.	-1.20	-0.42	2.22
17012.000	17043.	-3.59	-1.26	3.18
18400.000	18431.	-3.59	-1.26	3.18
20130.000	20161.	-3.56	-1.25	3.17
21025.000	21056.	-3.60	-1.24	3.12
21400.000	21431.	-3.74	-1.28	3.23
21463.000	21494.	-3.20	-1.16	2.88
21513.000	21544.	-2.73	-0.98	2.40
21514.000	21545.	-2.66	-0.95	2.14
21537.000	21568.	-3.18	-1.12	3.55
21538.000	21569.	-3.48	-1.27	4.55
21588.000	21619.	-4.46	-1.49	4.04
21650.000	21681.	-4.97	-1.62	4.33
22200.000	22231.	-4.97	-1.62	4.33
23700.000	23731.	-4.06	-1.71	4.41
24875.000	26406.	-1.40	-0.38	2.24

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FHF FOR THE REACH = 055 WITH 28.51 OF THE REACH WITHIN 1.0 FEET
 ZONE FOR THE REACH = A11

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION DATA			WTD. AVG.	FHF	PERCENT WITHIN
		10%	1%	DIFF.			
	0.				SEC.	0.100	
	1.				SEC.	0.110	
	2.				SEC.	0.120	
	5.				SEC.	0.130	
	10.				SEC.	0.140	
1	103.	70.35	75.23	-4.88	-4.88	050	100.
2	206.	70.44	75.32	-4.88	-4.88	050	100.
3	309.	70.53	75.41	-4.88	-4.88	050	100.
4	412.	70.61	75.50	-4.89	-4.88	050	100.
5	515.	70.70	75.59	-4.89	-4.88	050	100.
6	618.	70.79	75.67	-4.88	-4.88	050	100.
7	721.	70.87	75.76	-4.89	-4.88	050	100.
8	824.	70.96	75.85	-4.89	-4.89	050	100.
9	927.	71.05	75.94	-4.89	-4.89	050	100.
10	1030.	71.14	76.03	-4.89	-4.89	050	100.
11	1133.	71.22	76.11	-4.89	-4.89	050	100.
12	1236.	71.31	76.20	-4.89	-4.89	050	100.
13	1339.	71.40	76.29	-4.89	-4.89	050	100.
	1350.				SEC.	0.200	
	1400.				SEC.	0.300	
14	1442.	71.52	76.43	-4.91	-4.89	050	100.
	1475.				SEC.	0.400	
	1510.				SEC.	0.500	
15	1545.	71.64	76.57	-4.93	-4.89	050	100.
16	1648.	71.81	76.74	-4.93	-4.89	050	100.
	1660.				SEC.	0.600	
	1670.				SEC.	10.000	
	1671.				SEC.	11.000	
	1672.				SEC.	12.000	
	1675.				SEC.	15.000	
17	1751.	71.90	76.77	-4.87	-4.89	050	100.
	1840.				SEC.	180.000	
18	1854.	71.92	76.76	-4.84	-4.89	050	100.
19	1957.	72.01	76.92	-4.91	-4.89	050	100.
20	2060.	72.10	77.07	-4.97	-4.89	050	100.
21	2163.	72.18	77.22	-5.04	-4.90	050	100.
	2251.				SEC.	591.000	
22	2266.	72.35	77.55	-5.20	-4.92	050	100.
	2301.				SEC.	641.000	
	2329.				SEC.	669.000	
23	2369.	72.53	77.90	-5.37	-4.93	050	100.
	2379.				SEC.	719.000	
	2420.				SEC.	760.000	
24	2472.	72.64	78.06	-5.42	-4.96	050	100.
25	2575.	72.74	78.20	-5.46	-4.98	050	100.
26	2678.	72.85	78.35	-5.50	-5.00	050	100.
27	2781.	72.95	78.50	-5.55	-5.02	050	100.
28	2884.	73.05	78.65	-5.60	-5.04	050	100.
29	2987.	73.16	78.80	-5.64	-5.06	050	100.
30	3090.	73.26	78.95	-5.69	-5.08	050	100.

31	3193.	73.36	79.10	-5.74	-5.10	050	100.
32	3296.	73.47	79.24	-5.77	-5.12	050	100.
33	3399.	73.57	79.39	-5.82	-5.14	050	100.
34	3502.	73.67	79.54	-5.87	-5.16	050	100.
35	3605.	73.78	79.69	-5.91	-5.18	050	100.
36	3708.	73.88	79.84	-5.96	-5.21	050	100.
37	3811.	73.98	79.99	-6.01	-5.23	050	100.
38	3914.	74.09	80.14	-6.05	-5.25	055	100.
39	4017.	74.19	80.28	-6.09	-5.27	055	100.
40	4120.	74.29	80.43	-6.14	-5.29	055	100.
41	4223.	74.39	80.58	-6.19	-5.31	055	100.
42	4326.	74.50	80.73	-6.23	-5.34	055	100.
43	4429.	74.60	80.88	-6.28	-5.36	055	100.
44	4532.	74.70	81.03	-6.33	-5.38	055	100.
45	4635.	74.81	81.18	-6.37	-5.40	055	100.
46	4738.	74.91	81.32	-6.41	-5.42	055	100.
47	4841.	75.01	81.47	-6.46	-5.45	055	98.
48	4944.	75.12	81.62	-6.50	-5.47	055	98.
49	5047.	75.22	81.77	-6.55	-5.49	055	96.
50	5150.	75.32	81.92	-6.60	-5.51	055	96.
51	5253.	75.43	82.07	-6.64	-5.53	055	94.
52	5356.	75.53	82.21	-6.68	-5.56	055	94.
53	5400.					SEC. 3740.000	
53	5459.	75.64	82.35	-6.71	-5.58	055	92.
54	5562.	75.75	82.48	-6.73	-5.60	055	93.
55	5665.	75.86	82.61	-6.75	-5.62	055	91.
56	5768.	75.97	82.73	-6.76	-5.64	055	91.
57	5871.	76.08	82.85	-6.77	-5.66	055	89.
58	5974.	76.19	82.98	-6.79	-5.68	055	90.
59	6077.	76.30	83.10	-6.80	-5.70	055	88.
60	6180.	76.41	83.22	-6.81	-5.72	055	88.
61	6283.	76.52	83.35	-6.83	-5.74	055	89.
62	6386.	76.63	83.47	-6.84	-5.75	060	89.
63	6489.	76.74	83.60	-6.86	-5.77	060	90.
64	6592.	76.85	83.72	-6.87	-5.79	060	91.
65	6695.	76.96	83.84	-6.88	-5.81	060	92.
66	6798.	77.07	83.97	-6.90	-5.82	060	91.
67	6901.	77.18	84.09	-6.91	-5.84	060	93.
68	7004.	77.29	84.21	-6.92	-5.85	060	90.
69	7107.	77.40	84.34	-6.94	-5.87	060	91.
70	7210.	77.51	84.46	-6.95	-5.89	060	84.
71	7313.	77.62	84.58	-6.96	-5.90	060	72.
72	7416.	77.73	84.71	-6.98	-5.92	060	71.
73	7519.	77.84	84.83	-6.99	-5.93	060	70.
74	7622.	77.95	84.96	-7.01	-5.94	060	68.
75	7725.	78.06	85.08	-7.02	-5.96	060	69.
76	7790.					SEC. 6130.000	
76	7828.	78.17	85.19	-7.02	-5.97	060	68.
77	7931.	78.28	85.28	-7.00	-5.99	060	69.
78	8034.	78.38	85.36	-6.98	-6.00	060	71.
79	8137.	78.48	85.44	-6.96	-6.01	060	72.
80	8240.	78.58	85.52	-6.94	-6.02	060	75.
81	8343.	78.68	85.60	-6.92	-6.03	060	75.
82	8446.	78.78	85.68	-6.90	-6.04	060	76.
83	8549.	78.88	85.76	-6.88	-6.05	060	75.
84	8652.	78.98	85.84	-6.86	-6.06	060	75.
85	8755.	79.08	85.92	-6.84	-6.07	060	75.
86	8858.	79.18	86.00	-6.82	-6.08	060	76.
87	8961.	79.28	86.08	-6.80	-6.09	060	76.
88	9064.	79.38	86.16	-6.78	-6.10	060	76.
89	9167.	79.48	86.24	-6.76	-6.11	060	76.
90	9270.	79.59	86.32	-6.73	-6.11	060	77.
91	9373.	79.69	86.40	-6.71	-6.12	060	77.
92	9476.	79.79	86.48	-6.69	-6.13	060	77.
93	9579.	79.89	86.56	-6.67	-6.13	060	77.
94	9682.	79.99	86.64	-6.65	-6.14	060	78.

95	9785.	80.09	86.72	-6.63	-6.14	060	78.
96	9888.	80.19	86.80	-6.61	-6.15	060	78.
97	9991.	80.29	86.87	-6.58	-6.15	060	78.
98	10094.	80.39	86.95	-6.56	-6.16	060	79.
99	10197.	80.49	87.03	-6.54	-6.16	060	79.
100	10300.	80.59	87.11	-6.52	-6.16	060	79.
101	10403.	80.69	87.19	-6.50	-6.17	060	79.
	10410.						
					SEC.	8750.000	
102	10506.	80.81	87.31	-6.50	-6.17	060	79.
103	10609.	80.95	87.45	-6.50	-6.17	060	80.
104	10712.	81.10	87.60	-6.50	-6.18	060	80.
105	10815.	81.24	87.75	-6.51	-6.18	060	80.
106	10918.	81.38	87.90	-6.52	-6.18	060	80.
107	11021.	81.52	88.04	-6.52	-6.19	060	80.
108	11124.	81.66	88.19	-6.53	-6.19	060	81.
109	11227.	81.80	88.34	-6.54	-6.19	060	81.
110	11330.	81.94	88.48	-6.54	-6.20	060	81.
111	11433.	82.08	88.63	-6.55	-6.20	060	81.
112	11536.	82.22	88.78	-6.56	-6.20	060	81.
113	11639.	82.36	88.92	-6.56	-6.20	060	81.
114	11742.	82.50	89.07	-6.57	-6.21	060	81.
115	11845.	82.64	89.22	-6.58	-6.21	060	81.
116	11948.	82.78	89.36	-6.58	-6.21	060	81.
117	12051.	82.92	89.51	-6.59	-6.22	060	81.
118	12154.	83.06	89.66	-6.60	-6.22	060	81.
119	12257.	83.20	89.81	-6.61	-6.22	060	82.
120	12360.	83.34	89.95	-6.61	-6.23	060	82.
121	12463.	83.48	90.10	-6.62	-6.23	060	82.
122	12566.	83.62	90.25	-6.63	-6.23	060	82.
123	12669.	83.76	90.39	-6.63	-6.24	060	82.
124	12772.	83.90	90.54	-6.64	-6.24	060	82.
125	12875.	84.04	90.69	-6.65	-6.24	060	82.
126	12978.	84.18	90.83	-6.65	-6.25	065	83.
127	13081.	84.32	90.98	-6.66	-6.25	065	83.
128	13184.	84.46	91.13	-6.67	-6.25	065	83.
129	13287.	84.60	91.28	-6.68	-6.26	065	83.
130	13390.	84.74	91.42	-6.68	-6.26	065	83.
131	13493.	84.89	91.57	-6.68	-6.26	065	83.
132	13596.	85.03	91.72	-6.69	-6.27	065	83.
133	13699.	85.17	91.86	-6.69	-6.27	065	83.
134	13802.	85.31	92.01	-6.70	-6.27	065	84.
135	13905.	85.45	92.16	-6.71	-6.28	065	84.
136	14008.	85.59	92.30	-6.71	-6.28	065	84.
137	14111.	85.73	92.45	-6.72	-6.28	065	84.
138	14214.	85.87	92.60	-6.73	-6.29	065	84.
139	14317.	86.01	92.74	-6.73	-6.29	065	84.
140	14420.	86.15	92.89	-6.74	-6.29	065	84.
141	14523.	86.29	93.04	-6.75	-6.30	065	84.
	14610.						
					SEC.	12950.000	
142	14626.	86.43	93.19	-6.76	-6.30	065	85.
143	14729.	86.57	93.34	-6.77	-6.30	065	85.
144	14832.	86.70	93.50	-6.80	-6.31	065	85.
145	14935.	86.84	93.65	-6.81	-6.31	065	85.
146	15038.	86.97	93.81	-6.84	-6.31	065	85.
	15077.						
					SEC.	13417.000	
	15127.						
					SEC.	13467.000	
147	15141.	87.07	93.92	-6.85	-6.32	065	85.
	15153.						
					SEC.	13493.000	
	15203.						
					SEC.	13543.000	
148	15244.	87.11	93.97	-6.86	-6.32	065	85.
149	15347.	87.14	94.00	-6.86	-6.32	065	85.
150	15450.	87.15	94.01	-6.86	-6.33	065	85.
151	15553.	87.16	94.01	-6.85	-6.33	065	85.
	15560.						
					SEC.	13900.000	
152	15656.	87.19	94.05	-6.86	-6.33	065	86.
153	15759.	87.25	94.11	-6.86	-6.34	065	86.
154	15862.	87.31	94.18	-6.87	-6.34	065	86.

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154	15882.	87.32	94.18	-6.86	-6.34	065	86.
155	15965.	87.38	94.24	-6.86	-6.34	065	86.
156	16068.	87.44	94.31	-6.87	-6.35	065	86.
157	16171.	87.50	94.37	-6.87	-6.35	065	86.
158	16274.	87.56	94.44	-6.88	-6.35	065	86.
159	16377.	87.62	94.50	-6.88	-6.36	065	86.
160	16480.	87.68	94.56	-6.88	-6.36	065	86.
161	16583.	87.74	94.63	-6.89	-6.36	065	86.
162	16686.	87.80	94.69	-6.89	-6.37	065	86.
	16740.						
	16741.					SEC. 15080.000	
163	16789.	87.83	94.70	-6.87	-6.37	065	87.
	16889.					SEC. 16858.000	
164	16892.	87.83	94.69	-6.86	-6.37	065	87.
	16934.					SEC. 16903.000	
	16938.					SEC. 16907.000	
	16939.					SEC. 16908.000	
	16993.					SEC. 16962.000	
165	16995.	93.18	97.50	-4.32	-6.36	065	86.
	17043.					SEC. 17012.000	
166	17098.	99.02	101.70	-2.68	-6.34	065	86.
167	17201.	99.52	103.11	-3.59	-6.32	065	85.
168	17304.	99.52	103.11	-3.59	-6.31	065	85.
169	17407.	99.52	103.11	-3.59	-6.29	065	84.
170	17510.	99.52	103.11	-3.59	-6.27	065	84.
171	17613.	99.52	103.11	-3.59	-6.26	065	83.
172	17716.	99.52	103.11	-3.59	-6.24	060	83.
173	17819.	99.52	103.11	-3.59	-6.23	060	82.
174	17922.	99.52	103.11	-3.59	-6.21	060	82.
175	18025.	99.52	103.11	-3.59	-6.20	060	82.
176	18128.	99.52	103.11	-3.59	-6.18	060	81.
177	18231.	99.52	103.12	-3.60	-6.17	060	81.
178	18334.	99.52	103.12	-3.60	-6.15	060	80.
	18431.					SEC. 18400.000	
179	18437.	99.52	103.12	-3.60	-6.14	060	80.
180	18540.	99.52	103.11	-3.59	-6.13	060	79.
181	18643.	99.52	103.11	-3.59	-6.11	060	79.
182	18746.	99.52	103.11	-3.59	-6.10	060	79.
183	18849.	99.52	103.10	-3.58	-6.08	060	78.
184	18952.	99.51	103.10	-3.59	-6.07	060	78.
185	19055.	99.51	103.09	-3.58	-6.06	060	77.
186	19158.	99.51	103.09	-3.58	-6.04	060	77.
187	19261.	99.51	103.09	-3.58	-6.03	060	77.
188	19364.	99.51	103.08	-3.57	-6.02	060	77.
189	19467.	99.50	103.08	-3.58	-6.00	060	75.
190	19570.	99.50	103.07	-3.57	-5.99	060	74.
191	19673.	99.50	103.07	-3.57	-5.98	060	73.
192	19776.	99.50	103.06	-3.56	-5.97	060	72.
193	19879.	99.49	103.06	-3.57	-5.95	060	70.
194	19982.	99.49	103.06	-3.57	-5.94	060	70.
195	20085.	99.49	103.05	-3.56	-5.93	060	69.
	20161.					SEC. 20130.000	
196	20168.	99.49	103.05	-3.56	-5.92	060	69.
197	20291.	99.50	103.06	-3.56	-5.90	060	68.
198	20394.	99.51	103.06	-3.57	-5.89	060	71.
199	20497.	99.52	103.10	-3.58	-5.88	060	72.
200	20600.	99.54	103.12	-3.58	-5.87	060	70.
201	20703.	99.55	103.13	-3.58	-5.86	060	67.
202	20806.	99.56	103.15	-3.59	-5.85	060	62.
203	20909.	99.57	103.17	-3.60	-5.84	060	61.
204	21012.	99.58	103.18	-3.60	-5.83	060	59.
	21056.					SEC. 21025.000	
205	21115.	99.60	103.22	-3.62	-5.81	060	58.
206	21218.	99.64	103.28	-3.64	-5.80	060	57.
207	21321.	99.67	103.35	-3.68	-5.79	060	55.
208	21424.	99.70	103.43	-3.73	-5.78	060	54.

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	21451.					SEC. 21400.000	
	21494.					SEC. 21463.000	
209	21527.	99.35	102.61	-3.26	-5.77	060	54.
	21544.					SEC. 21513.000	
	21545.					SEC. 21514.000	
	21568.					SEC. 21537.000	
	21569.					SEC. 21538.000	
	21619.					SEC. 21588.000	
210	21630.	99.65	103.36	-3.71	-5.76	060	52.
	21681.					SEC. 21650.000	
211	21733.	100.68	105.48	-4.80	-5.76	060	53.
212	21836.	101.04	106.01	-4.97	-5.75	060	51.
213	21939.	101.04	106.01	-4.97	-5.75	060	52.
214	22042.	101.04	106.02	-4.98	-5.75	060	52.
215	22145.	101.04	106.02	-4.98	-5.74	055	51.
	22231.					SEC. 22200.000	
216	22248.	101.05	106.01	-4.96	-5.74	055	51.
217	22351.	101.08	106.01	-4.93	-5.74	055	52.
218	22454.	101.13	105.99	-4.86	-5.73	055	51.
219	22557.	101.18	105.98	-4.80	-5.73	055	52.
220	22660.	101.23	105.97	-4.74	-5.72	055	50.
221	22763.	101.28	105.96	-4.68	-5.72	055	50.
222	22866.	101.33	105.94	-4.61	-5.71	055	49.
223	22969.	101.38	105.93	-4.55	-5.71	055	49.
224	23072.	101.43	105.92	-4.49	-5.70	055	47.
225	23175.	101.48	105.91	-4.43	-5.70	055	47.
226	23278.	101.53	105.89	-4.36	-5.69	055	46.
227	23381.	101.58	105.88	-4.30	-5.68	055	45.
228	23484.	101.63	105.87	-4.24	-5.68	055	45.
229	23587.	101.68	105.86	-4.18	-5.67	055	43.
230	23690.	101.73	105.84	-4.11	-5.66	055	42.
	23731.					SEC. 23700.000	
231	23793.	101.85	105.89	-4.04	-5.66	055	42.
232	23896.	102.07	106.01	-3.94	-5.55	055	41.
233	23999.	102.31	106.15	-3.84	-5.64	055	39.
234	24102.	102.56	106.29	-3.73	-5.63	055	38.
235	24205.	102.80	106.43	-3.63	-5.63	055	38.
236	24308.	103.05	106.58	-3.53	-5.62	055	37.
237	24411.	103.29	106.72	-3.43	-5.61	055	37.
238	24514.	103.54	106.86	-3.32	-5.60	055	35.
239	24617.	103.78	107.01	-3.23	-5.59	055	34.
240	24720.	104.03	107.15	-3.12	-5.58	055	34.
241	24823.	104.27	107.29	-3.02	-5.57	055	32.
242	24926.	104.52	107.43	-2.91	-5.56	055	32.
243	25029.	104.76	107.58	-2.82	-5.55	055	31.
244	25132.	105.01	107.72	-2.71	-5.53	055	29.
245	25235.	105.25	107.86	-2.61	-5.52	055	28.
246	25338.	105.50	108.01	-2.51	-5.51	055	27.
247	25441.	105.75	108.15	-2.40	-5.50	055	26.
248	25544.	105.99	108.29	-2.30	-5.48	055	25.
249	25647.	106.24	108.43	-2.19	-5.47	055	24.
250	25750.	106.48	108.58	-2.10	-5.46	055	24.
251	25853.	106.73	108.72	-1.99	-5.44	055	24.
252	25956.	106.97	108.86	-1.89	-5.43	055	24.
253	26059.	107.22	109.01	-1.79	-5.41	055	24.
254	26162.	107.46	109.15	-1.69	-5.40	055	24.
255	26265.	107.71	109.29	-1.58	-5.39	055	24.
256	26368.	107.95	109.43	-1.48	-5.37	055	23.
	26406.					SEC. 24875.000	

THIS REACH CAN BE SUBDIVIDED BY INC NO. TO MEET FIA REQUIREMENTS
INPUT 20N WHERE N IS THE NUMBER OF REACHES AND THEN INPUT THE END
OF EACH REACH BY INC NO. FOR EXAMPLE 1 202 178 256
A NEGATIVE INC NO. WILL SUPPRESS INTERMEDIATE INC OUTPUT.

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FLOODWAY DATA, LITTLE ROCKFISH CR
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.100	147.	1990.	5.0	75.2	75.2	0.0
0.110	147.	1990.	5.0	75.2	75.2	0.0
0.120	147.	1991.	5.0	75.2	75.2	0.0
0.130	147.	1991.	5.0	75.2	75.2	0.0
0.140	147.	1992.	5.0	75.2	75.2	0.0
0.200	134.	1957.	5.1	76.3	76.3	0.0
0.300	150.	2061.	4.8	76.5	76.5	0.0
0.400	150.	2069.	4.8	76.6	76.6	0.0
0.500	135.	1966.	5.1	76.5	76.5	0.0
0.600	135.	1975.	3.6	76.9	76.9	0.0
10.000	90.	1279.	5.6	76.5	76.5	0.0
11.000	90.	1279.	5.6	76.5	76.5	0.0
12.000	90.	1280.	5.6	76.5	76.5	0.0
15.000	90.	1280.	5.6	76.5	76.5	0.0
180.000	95.	1338.	5.4	76.8	76.8	0.0
591.000	80.	1120.	6.4	77.4	77.4	0.0
641.000	107.	1498.	4.8	78.2	78.2	0.0
669.000	107.	1500.	4.8	78.2	78.2	0.0
719.000	85.	1245.	5.8	78.0	78.0	0.0
760.000	90.	1303.	5.5	78.0	78.0	0.0
3740.000	100.	1284.	5.6	82.3	82.3	0.0
6130.000	115.	1848.	3.9	85.4	85.2	0.2
8750.000	120.	1421.	5.1	87.9	87.2	0.7
F 12950.000	120.	1679.	4.3	93.6	93.2	0.4
13417.000	130.	2583.	2.8	94.3	93.9	0.4
13467.000	129.	2106.	3.4	94.4	93.9	0.5
13493.000	129.	2106.	3.4	94.3	93.9	0.4
13543.000	130.	2537.	2.8	94.4	94.0	0.4
G 13900.000	125.	1956.	3.7	94.4	94.0	0.4
H 15000.000	112.	1828.	3.9	95.2	94.8	0.4
I 16710.000	125.	1978.	3.6	95.1	94.7	0.4
16858.000	120.	1636.	4.4	95.1	94.7	0.4
16903.000	85.	1150.	6.3	95.0	94.7	0.3
16907.000	85.	519.	13.9	95.1	95.0	0.1
16908.000	83.	510.	14.1	95.1	95.1	0.0
16962.000	83.	511.	14.1	99.4	99.4	0.0
17012.000	555.	9738.	0.7	103.1	103.1	0.0
18400.000	810.	12818.	0.6	103.1	103.1	0.0
20130.000	250.	2322.	3.1	103.0	103.0	0.0
21025.000	165.	1932.	3.7	103.2	103.2	0.0
21400.000	1040.	9645.	0.7	103.5	103.5	0.0
21463.000	75.	637.	11.3	102.3	102.3	0.0
21513.000	56.	491.	14.7	101.7	101.7	0.0
21514.000	53.	483.	14.9	101.6	101.6	0.0
21537.000	53.	519.	13.9	102.3	102.3	0.0
21538.000	57.	545.	13.2	102.6	102.6	0.0
21588.000	75.	774.	9.3	104.4	104.4	0.0
21650.000	710.	9555.	0.7	106.0	106.0	0.0
22200.000	630.	6611.	1.1	106.0	106.0	0.0
23700.000	200.	1133.	5.6	105.8	105.8	0.0

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FLOODWAY DATA, LITTLE ROCKFISH CR
PROFILE NO. 2

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
24875.000	381.	2122.	3.0	110.0	109.5	0.5

 REC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

T1 HOPE MILLS CUMBERLAND CO, NC FIS
 T2 500 YR NATURAL
 T3 LITTLE ROCKFISH CR

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
	0.	5.	0.	0.	0.000000	0.00	0.0	0.	79.190	0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

T1 HOPE MILLS CUMBERLAND CO, NC FIS
 T2 100 YR FLOODWAY
 T3 LITTLE ROCKFISH CR

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FD
	0.	6.	0.	0.	0.000000	0.00	0.0	0.	75.180	0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

C
 T1 HOPE MILLS CUMBERLAND CO. NC FIS
 T2 100 YR NATURAL
 T3 LITTLE ROCKFISH CR

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FG
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	75.180	0.000

J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CRNIM	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	3.000	42.000	41.000	5.000	43.000	0.000	38.000	1.000

	53.000	21.000	22.000	54.000	4.000	0.000	200.000	0.000	0.000	0.000
NC	0.120	0.120	0.050	0.200	0.400	0.000	0.000	0.000	0.000	0.000
GT	6.000	6025.000	8500.000	9950.000	14360.000	9950.000	9950.000	0.000	0.000	0.000

XXX SEC CRF-6 ROCKFISH CR STA 485+40 XXX

X1	0.100	12.000	1130.000	1227.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	85.100	1000.000	84.300	1050.000	79.000	1100.000	67.400	1115.000	63.500	1130.000
GR	52.000	1142.000	51.500	1167.000	51.500	1192.000	62.500	1200.000	71.200	1227.000
GR	75.000	1250.000	60.600	1300.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	0.110	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
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X1	0.120	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
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X1	0.130	0.000	0.000	0.000	3.000	3.000	3.000	0.000	0.000	0.000
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X1	0.140	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
NC	0.080	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX VALLEY SEC ROCKFISH CR STA 498+90 XXX

X1	0.200	12.000	1050.000	1166.000	1340.000	1340.000	1340.000	0.000	-0.100	0.000
GR	90.900	1000.000	90.700	1050.000	61.900	1100.000	57.300	1105.000	52.000	1135.000
GR	56.400	1165.000	56.300	1166.000	74.500	1200.000	77.700	1215.000	79.200	1250.000
GR	80.000	1300.000	90.000	1350.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX DOWNSTREAM FACE US 301 ROCKFISH CR STA 499+40 XXX

X1	0.300	19.000	1400.000	1600.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	90.000	90.000	0.000
GR	91.000	1000.000	90.800	1345.000	90.600	1395.000	88.000	1400.000	87.500	1410.000
GR	55.900	1450.000	52.400	1470.000	51.900	1480.000	52.400	1490.000	55.500	1510.000
GR	69.000	1530.000	73.500	1540.000	74.000	1550.000	75.000	1570.000	78.800	1580.000
GR	79.100	1595.000	79.100	1600.000	79.900	1645.000	85.500	2000.000	0.000	0.000
SB	1.250	1.560	2.500	0.000	27.000	6.750	3920.000	2.400	51.900	51.900

XXX UPSTREAM FACE US 301 SEC CRF-9 ROCKFISH CR STA 500+15 XXX

X1	0.400	0.000	0.000	0.000	75.000	75.000	75.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	88.000	91.600	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	91.700	91.600	0.000
BT	13.000	1000.000	92.200	0.000	1100.000	91.700	0.000	1200.000	92.000	0.000
BT	1300.000	92.200	0.000	1400.000	91.900	0.000	1400.000	91.900	88.000	1500.000
BT	91.900	88.000	1600.000	91.900	88.000	1600.000	91.900	0.000	1700.000	91.900
BT	0.000	1800.000	91.900	0.000	1900.000	91.700	0.000	2000.000	91.600	0.000
NC	0.100	0.100	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX SEC CRF-10 ROCKFISH CR STA 500+50 XXX

X1	0.500	11.000	1090.000	1166.000	35.000	35.000	35.000	0.000	0.000	0.000
GR	90.900	1000.000	90.700	1050.000	61.900	1100.000	57.300	1105.000	52.000	1135.000
GR	56.400	1165.000	58.300	1166.000	74.500	1200.000	77.700	1215.000	75.200	1250.000
GR	80.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.120	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OT	6.000	3450.000	5900.000	7200.000	11000.000	7200.000	7200.000	0.000	0.000	0.000

XXX TRANS SEC STA 502+00 ROCKFISH = STA 0+00 LITTLE ROCKFISH XXX

X1	0.600	0.000	0.000	0.000	175.000	75.000	150.000	0.000	0.300	0.000
NC	0.000	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1080.000	1170.000

XXX TRANS SEC CLRF-1A XXX

X1	10.000	12.000	1112.000	1143.000	0.000	100.000	10.000	0.000	0.300	0.000
GR	79.100	1072.000	65.100	1100.000	58.800	1112.000	54.600	1115.000	51.900	1128.000
GR	55.300	1141.000	58.200	1143.000	61.700	1149.000	64.200	1158.000	81.300	1177.000
GR	84.100	1200.000	84.800	1250.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1080.000	1170.000

X1	11.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1080.000	1170.000

X1	12.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1080.000	1170.000

X1	15.000	0.000	0.000	0.000	3.000	3.000	3.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1077.000	1172.000

XXX SURV SEC CLRF-1 XXX

X1	180.000	0.000	0.000	0.000	150.000	75.000	165.000	0.000	0.300	0.000
NC	0.090	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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X1	591.000	15.000	1107.000	1134.000	350.000	570.000	411.000	0.000	1.500	10.000
GR	94.600	1000.000	91.000	1057.000	72.300	1087.000	60.500	1100.000	58.900	1107.000
GR	51.200	1110.000	50.700	1121.000	54.900	1132.000	60.100	1134.000	64.400	1142.000
GR	66.700	1149.000	76.800	1164.000	82.600	1200.000	84.300	1250.000	90.000	1280.000
NC	0.070	0.079	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	9.110	0.000	1131.000	1269.000

XXX SURV SEC CLRF-2 SR 1131 (CAMERON RD) XXX

X1	641.000	17.000	1132.000	1268.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	88.500	88.500	0.000
GR	100.000	870.000	96.200	1070.000	92.600	1127.000	90.300	1132.000	86.900	1132.000
GR	72.300	1162.000	65.700	1172.000	63.300	1182.000	52.300	1202.000	53.300	1212.000
GR	56.700	1222.000	62.300	1232.000	72.300	1242.000	82.700	1268.000	84.200	1268.000
GR	85.900	1320.000	90.000	1440.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	9.110	0.000	1131.000	1269.000
SB	1.250	1.320	2.500	0.000	13.000	2.000	2520.000	1.780	52.300	52.300

X1	669.000	0.000	0.000	0.000	28.000	28.000	28.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	86.900	90.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	90.300	90.200	0.000
BT	8.000	1132.000	90.300	0.000	1132.000	90.300	86.900	1200.000	90.000	86.900
BT	1268.000	90.200	86.900	1268.000	90.200	0.000	1300.000	90.700	0.000	1400.000
BT	90.600	0.000	1450.000	90.700	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.090	0.090	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1080.000	1165.000

X1	719.000	14.000	1107.000	1134.000	50.000	50.000	50.000	0.000	0.600	0.000
GR	94.600	1000.000	91.000	1057.000	72.300	1087.000	60.500	1100.000	58.900	1107.000
GR	51.200	1110.000	50.700	1121.000	54.900	1132.000	60.100	1134.000	64.400	1142.000
GR	66.700	1149.000	76.800	1164.000	82.600	1200.000	84.300	1250.000	0.000	0.000
NC	0.110	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1080.000	1170.000

XXX SURV SEC CLRF-3 XXX

X1	760.000	0.000	0.000	0.000	41.000	41.000	41.000	0.000	-0.600	0.000
NC	0.120	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1012.000	1112.000

XXX SURV SEC CLRF-4 XXX

X1	3740.000	9.000	1045.000	1078.000	2600.000	2980.000	2980.000	0.000	0.000	0.000
GR	87.900	1000.000	64.900	1045.000	61.100	1052.000	54.600	1064.000	60.000	1076.000
GR	64.300	1078.000	81.300	1100.000	88.400	1200.000	89.500	1250.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1080.000	1195.000

XXX SURV SEC CLRF-5 XXX

X1	6130.000	18.000	1136.000	1174.000	2390.000	2390.000	2390.000	0.000	0.000	0.000
GR	95.800	1000.000	75.000	1050.000	75.700	1100.000	75.200	1108.000	71.800	1115.000
GR	67.300	1136.000	63.900	1138.000	60.400	1154.000	64.300	1170.000	69.300	1174.000
GR	69.800	1183.000	72.900	1188.000	73.900	1200.000	75.500	1223.000	85.700	1250.000
GR	98.600	1275.000	104.900	1300.000	108.000	1329.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1090.000	1210.000

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XXX HOPE MILLS STUDY LOWER LIMITS AT APPROX STA=94+00 XXX

X1	8750.000	15.000	1160.000	1200.000	2620.000	2520.000	2620.000	0.000	0.000	0.000
GR	98.000	890.000	96.000	900.000	94.000	925.000	92.000	955.000	90.000	985.000
GR	89.800	1000.000	83.100	1100.000	81.900	1145.000	74.800	1160.000	64.600	1189.000
GR	62.900	1181.000	65.500	1193.000	72.700	1200.000	102.600	1240.000	105.100	1250.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1054.000	1174.000

XXX SURV SEC CLRF-7 XXX

X1	12950.000	15.000	1083.000	1109.000	4200.000	4200.000	4200.000	0.000	0.000	0.000
GR	102.000	1000.000	75.000	1083.000	69.000	1084.000	68.000	1095.000	68.000	1106.000
GR	74.300	1109.000	78.000	1120.000	88.400	1153.000	89.800	1175.000	90.000	1185.000
GR	92.000	1250.000	94.000	1300.000	96.000	1360.000	98.000	1430.000	100.000	1450.000
NC	0.100	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1110.000	1240.000

X1	13417.000	18.000	1119.000	1177.000	467.000	467.000	467.000	0.000	-5.000	0.000
GR	105.400	1000.000	100.500	1081.000	98.100	1084.000	96.500	1092.000	90.700	1100.000
GR	80.000	1113.000	78.700	1119.000	70.100	1135.000	70.900	1153.000	72.000	1172.000
GR	77.900	1177.000	85.500	1194.000	85.800	1200.000	86.800	1218.000	95.500	1255.000
GR	96.600	1300.000	102.100	1400.000	105.200	1500.000	0.000	0.000	0.000	0.000
NC	0.080	0.080	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	9.110	0.000	1295.000	1431.000

XXX SURV SEC CLRF-8 SR 1132 (LEGION RD) XXX

XXX GR PTS EXTENDED FROM TOPO XXX

X1	13467.000	28.000	1296.000	1430.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	97.500	100.200	0.000
GR	100.000	1215.000	98.000	1237.000	95.100	1296.000	94.600	1301.000	89.400	1311.000
GR	88.000	1316.000	81.700	1326.000	77.400	1336.000	76.500	1341.000	78.200	1351.000
GR	75.900	1361.000	67.100	1371.000	64.700	1376.000	67.000	1386.000	75.600	1391.000
GR	75.700	1396.000	80.100	1409.000	80.400	1415.000	81.300	1430.000	90.100	1470.000
GR	92.000	1500.000	94.000	1505.000	96.000	1540.000	98.000	1585.000	100.000	1615.000
GR	102.000	1655.000	106.000	1700.000	108.400	1715.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	9.110	0.000	1295.000	1431.000
SB	1.250	1.360	2.500	0.000	1.000	3.000	200.000	2.020	64.700	64.700

X1	13493.000	0.000	0.000	0.000	26.000	26.000	26.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	98.600	98.800	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	98.800	102.000	0.000
BT	12.000	1237.000	98.800	0.000	1296.000	99.100	0.000	1296.000	99.100	95.700
BT	1300.000	99.200	95.800	1400.000	101.200	97.800	1430.000	102.000	98.600	1430.000
BT	102.000	0.000	1500.000	103.800	0.000	1600.000	108.700	0.000	1632.000	107.700
BT	0.000	1700.000	108.500	0.000	1715.000	108.400	0.000	0.000	0.000	0.000
NC	0.080	0.080	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1110.000	1240.000

X1	13543.000	18.000	1119.000	1177.000	50.000	50.000	50.000	0.000	-4.600	0.000
GR	105.400	1000.000	100.500	1081.000	98.100	1084.000	96.500	1092.000	90.700	1100.000
GR	80.000	1113.000	78.700	1119.000	70.100	1135.000	70.900	1153.000	72.000	1172.000
GR	77.900	1177.000	85.500	1194.000	85.800	1200.000	86.800	1218.000	95.500	1255.000
GR	96.600	1300.000	102.100	1400.000	105.200	1500.000	0.000	0.000	0.000	0.000
NC	0.090	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1105.000	1230.000

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XXX SURV SEC CLRF-9 XXX

X1	13900.000	0.000	0.000	0.000	260.000	357.000	357.000	0.000	4.600	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1296.000	1381.000

XXX SURV SEC CLRF-10 XXX

X1	15080.000	13.000	1300.000	1381.000	1180.000	1180.000	1180.000	0.000	0.000	0.000
GR	106.500	1000.000	98.800	1085.000	96.100	1100.000	86.300	1188.000	85.600	1200.000
GR	81.700	1278.000	77.400	1290.000	77.200	1300.000	74.200	1306.000	71.900	1318.000
GR	70.300	1333.000	104.000	1381.000	106.000	1400.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1013.000	1138.000

XXX SURV SEC CLRF-11 XXX

X1	16710.000	12.000	1035.000	1084.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	100.500	1000.000	82.800	1015.000	79.000	1035.000	75.000	1039.000	74.400	1058.000
GR	76.200	1077.000	78.700	1084.000	81.400	1100.000	83.900	1136.000	103.900	1165.000
GR	111.800	1200.000	112.500	1217.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1015.000	1155.000

X1	16858.000	0.000	0.000	0.000	148.000	148.000	148.000	0.000	2.400	0.000
NC	0.070	0.070	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1030.000	1115.000

X1	16903.000	0.000	0.000	0.000	45.000	45.000	45.000	0.000	1.300	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1390.000	1475.000

XXX SEC ACROSS DOWNSTREAM SPILLWAY HOPE MILLS DAM XXX

X1	16907.000	0.000	1390.000	1473.000	4.000	4.000	4.000	0.000	0.000	0.000
GR	109.600	1342.000	104.200	1372.000	89.000	1390.000	89.000	1473.000	107.600	1537.000
GR	115.500	1572.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	9.110	0.000	1385.000	1474.000

XXX SURV SEC CLRF-12 HOPE MILLS DAM XXX

X1	16908.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	105.000	105.000	0.000
F1	0.000	0.000	0.000	0.000	0.000	9.110	9.110	0.000	1389.000	1474.000
S8	1.250	1.650	2.500	0.000	79.000	5.000	1103.000	1.000	93.200	89.000

X1	16962.000	10.000	1390.000	1473.000	54.000	54.000	54.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	98.500	108.400	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	108.400	109.200	0.000
B1	16.000	1000.000	110.500	0.000	1100.000	109.200	0.000	1149.000	108.900	0.000
BT	1102.000	108.900	0.000	1200.000	108.400	0.000	1300.000	109.900	0.000	1390.000
BT	109.200	0.000	1390.000	110.500	0.000	1390.000	110.500	98.500	1400.000	110.500
BT	98.500	1473.000	110.500	98.500	1473.000	110.500	0.000	1473.000	109.200	0.000
BT	1500.000	109.500	0.000	1550.000	110.200	0.000	1572.000	115.500	0.000	0.000
GR	109.600	1342.000	104.200	1372.000	93.200	1390.000	93.200	1420.000	93.300	1430.000
GR	93.300	1450.000	92.200	1460.000	93.500	1473.000	107.600	1537.000	110.200	1550.000
NC	0.080	0.080	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1025.000	1580.000

XXX VALLEY SEC ACROSS LAKE COMPOSED FROM TOPO XXX

PRINTED IN U.S.A.

X1	17012.000	15.000	1025.000	1580.000	100.000	100.000	50.000	0.000	0.000	1250.000
GR	110.000	1000.000	108.000	1025.000	102.200	1025.000	91.000	1047.000	80.000	1250.000
GR	78.200	1400.000	81.000	1445.000	102.200	1580.000	104.000	1590.000	106.000	1600.000
GR	108.000	1605.000	110.000	1610.000	112.000	1640.000	0.000	0.000	0.000	0.000
NC	0.090	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	150.000	960.000

XXX SEC CLRF-12A ACROSS LAKE COMPOSED FROM TOPO XXX

X1	18400.000	20.000	150.000	960.000	1550.000	1600.000	1388.000	0.000	0.000	0.000
GR	120.000	0.000	118.000	30.000	116.000	50.000	114.000	75.000	112.000	90.000
GR	110.000	110.000	104.000	130.000	102.200	150.000	87.000	320.000	82.500	1410.000
GR	82.000	555.000	83.000	710.000	88.000	850.000	95.000	925.000	102.200	960.000
GR	104.000	970.000	106.000	985.000	108.000	995.000	110.000	1000.000	120.000	1040.000
NC	0.110	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	315.000	565.000

XXX SEC CLRF-12B ACROSS LAKE COMPOSED FROM TOPO XXX

X1	20130.000	21.000	315.000	565.000	1550.000	2050.000	1730.000	0.000	0.000	0.000
GR	120.000	0.000	118.000	30.000	116.000	50.000	114.000	70.000	112.000	100.000
GR	110.000	120.000	108.000	145.000	104.000	270.000	102.200	315.000	101.000	340.000
GR	88.000	400.000	86.500	440.000	88.000	480.000	98.000	520.000	101.000	540.000
GR	102.200	565.000	104.000	615.000	106.000	645.000	108.000	695.000	110.000	840.000
GR	110.600	1070.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	865.000	1030.000

XXX TOPO SEC CLRF-12C ABANDONED RR BED XXX

X1	21025.000	15.000	865.000	1030.000	1800.000	500.000	895.000	0.000	0.000	0.000
GR	120.000	0.000	114.000	630.000	112.000	720.000	110.000	760.000	106.000	815.000
GR	104.000	860.000	102.200	865.000	95.000	870.000	90.000	880.000	88.900	950.000
GR	90.000	980.000	92.000	1000.000	102.200	1030.000	110.000	1065.000	112.000	1680.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	250.000	1290.000

XXX SEC CLRF-12D ACROSS LAKE COMPOSED FROM TOPO XXX

X1	21400.000	16.000	250.000	1290.000	835.000	735.000	375.000	0.000	0.000	0.000
GR	110.000	0.000	108.000	50.000	106.000	125.000	104.000	200.000	102.200	250.000
GR	98.000	370.000	94.000	520.000	90.600	700.000	89.800	810.000	90.500	920.000
GR	94.000	1100.000	98.000	1230.000	102.200	1290.000	104.000	1320.000	106.000	1350.000
GR	108.000	1630.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	50.000	125.000

XXX VALLEY SEC COMPOSED FROM TOPO XXX

X1	21463.000	13.000	50.000	125.000	63.000	63.000	63.000	0.000	0.000	0.000
GR	120.000	0.000	110.000	40.000	102.200	50.000	89.900	70.000	90.700	90.000
GR	91.700	100.000	93.600	110.000	102.200	125.000	104.000	128.000	106.000	132.000
GR	108.000	140.000	110.000	150.000	120.000	170.000	0.000	0.000	0.000	0.000
NC	0.090	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	9.110	0.000	1149.000	1312.000

XXX SURV SEC CLRF-13 ATLANTIC COAST LINE RR XXX

XXX NORMAL BRIDGE ROUTINE USED -- FOR LOW FLOW XXX

X1	21513.000	23.000	1150.000	1311.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	132.000	132.000	0.000
GR	136.100	1000.000	135.500	1100.000	135.200	1128.000	130.100	1132.000	120.100	1142.000

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GR	115,000	1230,000	110,100	1182,000	108,400	1190,000	103,400	1260,000	106,300	1272,000
GR	90,900	1230,000	91,900	1240,000	93,800	1250,000	103,400	1260,000	106,300	1272,000
GR	108,300	1282,000	110,200	1292,000	119,000	1311,000	120,100	1312,000	130,100	1322,000
GR	134,100	1327,000	133,700	1400,000	133,100	1500,000	0,000	0,000	0,000	0,000
NC	0,070	0,070	0,030	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	0,000	9,110	9,110	0,000	1149,000	1312,000

X1	21514,000	27,000	1150,000	1311,000	1,000	1,000	1,000	0,000	0,000	0,000
BT	4,000	1150,000	135,200	0,000	1150,000	135,200	128,700	1311,000	134,300	127,800
BT	1311,000	134,300	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
GR	136,100	1000,000	135,500	1100,000	135,200	1150,000	128,700	1150,000	123,100	1170,000
GR	115,500	1180,000	114,000	1185,000	106,400	1190,000	105,400	1200,000	128,400	1200,000
GR	128,400	1204,000	100,000	1204,000	90,100	1210,000	90,900	1230,000	91,900	1240,000
GR	93,800	1250,000	100,500	1257,000	128,100	1257,000	128,100	1261,000	105,500	1261,000
GR	109,700	1280,000	115,700	1290,000	125,200	1310,000	127,800	1311,000	134,300	1311,000
GR	133,700	1400,000	133,100	1500,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	0,000	9,110	9,110	0,000	1149,000	1312,000

X1	21537,000	0,000	0,000	0,000	23,000	23,000	23,000	0,000	0,000	0,000
X2	0,000	0,000	0,000	0,000	0,000	0,000	1,000	0,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	0,000	9,110	9,110	0,000	1149,000	1312,000

X1	21538,000	23,000	1150,000	1311,000	1,000	1,000	1,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	135,200	133,100	0,000
GR	136,100	1000,000	135,500	1100,000	135,200	1128,000	130,100	1132,000	120,100	1142,000
GR	118,000	1150,000	110,100	1182,000	106,400	1190,000	105,400	1200,000	90,100	1210,000
GR	90,900	1230,000	91,900	1240,000	93,800	1250,000	103,400	1260,000	106,300	1272,000
GR	108,300	1282,000	110,200	1292,000	119,000	1311,000	120,100	1312,000	130,100	1322,000
GR	134,100	1327,000	133,700	1400,000	133,100	1500,000	0,000	0,000	0,000	0,000
NC	0,090	0,090	0,030	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	0,000	9,100	0,000	0,000	50,000	185,000

X1	21588,000	13,000	50,000	125,000	50,000	50,000	50,000	0,000	0,500	0,000
GR	120,000	0,000	110,000	40,000	102,200	50,000	89,900	70,000	90,700	90,000
GR	91,700	100,000	93,600	110,000	102,200	125,000	104,000	128,000	106,000	132,000
GR	108,000	140,000	110,000	150,000	120,000	170,000	0,000	0,000	0,000	0,000
NC	0,110	0,110	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
OT	6,000	3350,000	5700,000	7100,000	10800,000	7100,000	7100,000	0,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	0,000	9,100	0,000	0,000	1280,000	1990,000

XXX SEC CLRF-13A ACROSS LAKE COMPOSED FROM TOPO XXX

X1	21650,000	28,000	1280,000	1990,000	62,000	62,000	62,000	0,000	0,000	0,000
GR	120,000	450,000	110,000	700,000	110,000	1000,000	108,000	1025,000	106,000	1075,000
GR	104,000	1260,000	102,200	1280,000	96,000	1340,000	93,000	1400,000	91,000	1520,000
GR	90,600	1670,000	91,000	1810,000	93,000	1940,000	96,000	1980,000	102,200	1990,000
GR	104,000	2000,000	106,000	2020,000	106,200	2060,000	106,000	2085,000	104,000	2220,000
GR	106,000	2330,000	108,000	2370,000	110,000	2395,000	112,000	2420,000	114,000	2460,000
GR	116,000	2490,000	118,000	2550,000	120,000	2635,000	0,000	0,000	0,000	6,000
ET	0,000	0,000	0,000	0,000	0,000	9,100	0,000	0,000	375,000	1005,000

XXX SEC CLRF-13B ACROSS LAKE COMPOSED FROM TOPO XXX

XXX TOPO SEC CLRF-13C XXX

X1	22200,000	21,000	375,000	1005,000	675,000	675,000	550,000	0,000	0,000	0,000
GR	112,400	0,000	112,000	140,000	110,000	185,000	106,000	280,000	106,000	310,000
GR	104,000	345,000	102,200	375,000	97,000	460,000	95,000	520,000	93,000	600,000
GR	92,500	690,000	92,700	760,000	94,000	850,000	102,200	1005,000	104,000	1035,000
GR	106,000	1065,000	108,000	1115,000	110,000	1205,000	112,000	1245,000	114,000	1270,000

PRINTED IN U.S.A.

OT	6.000	2950.000	5150.000	6400.000	9900.000	6400.000	6400.000	0.000	0.000	0.000
NC	0.120	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1500.000	700.000

XXX HOPE MILLS CORPORATE LIMIT -- UPPER STUDY LIMIT XXX

XI	23700.000	14.000	500.000	700.000	2500.000	1300.000	1500.000	0.000	0.000	0.000
GR	110.000	0.000	108.000	325.000	106.000	400.000	104.000	460.000	102.200	1500.000
GR	99.100	569.000	98.000	584.000	98.100	616.000	102.200	680.000	104.000	700.000
GR	106.000	710.000	108.000	720.000	108.300	900.000	110.000	1040.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1070.000	1470.000

XXX SURV SEC CLRF-14 XXX

XI	24875.000	19.000	1236.000	1300.000	3350.000	2200.000	2675.000	0.000	0.000	0.000
GR	118.200	1000.000	117.100	1037.000	108.600	1100.000	106.200	1115.000	105.400	1118.000
GR	103.400	1200.000	106.400	1236.000	103.100	1247.000	102.000	1262.000	102.100	1294.000
GR	106.000	1300.000	103.700	1400.000	103.900	1500.000	105.100	1600.000	106.000	1683.000
GR	106.800	1700.000	112.600	1773.000	113.900	1800.000	120.000	1950.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
ERROR CORR - 01,02
MODIFICATION - 50,51,52,53

T1 HOPE MILLS CUMBERLAND CO. NC FIS
T2 100 YR NATURAL
T3 LITTLE ROCKFISH CR

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	EQ
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	75.180	0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

T1 HOPE MILLS CUMBERLAND CO. NC FIS
 T2 50 YR NATURAL
 T3 LITTLE ROCKFISH CR

J1	ICHECK	INU	NINV	IDIR	STRT	METRIC	HVINS	Q	KSEL	FQ
	0.	3.	0.	0.	0.000000	0.00	0.07	0.	73.510	0.000
J2	NPROF	IPLUT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

C
 T1 HOPE MILLS CUMBERLAND CO. NC FIS
 T2 10 YR NATURAL
 T3 LITTLE ROCKFISH CR

J1 ICHECK INQ NIKV IDIR STRI METRIC HVINS U KSEL FU
 0. 2. 0. 0. 0.000000 0.00 0.0 0. 70.300 0.000

J2 NPROF IPLDT FRFVS XSECV XSECH FN ALLDC IBW CHNIM ITRACE
 1.000 0.000 -1.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT
 38.000 1.000 3.000 42.000 41.000 0.000 38.000 1.000 13.000 14.000

15.000 55.000 26.000 56.000 0.000 38.000 1.000 53.000 21.000 22.000
 54.000 4.000 0.000 150.000 201.000 0.000 0.000 0.000 0.000 0.000

NC 0.120 0.120 0.090 0.200 0.400 0.000 0.000 0.000 0.000 0.000
 QT 6.000 6025.000 8500.000 9950.000 14360.000 9950.000 9950.000 0.000 0.000 0.000

XXX SEC CRF=8 ROCKFISH CR STA 485+40 XXX

X1 0.100 12.000 1130.000 1227.000 0.000 0.000 0.000 0.000 0.000 0.000
 GR 85.100 1000.000 84.300 1050.000 79.000 1100.000 67.400 1115.000 63.500 1130.000
 GR 52.000 1142.000 51.500 1167.000 51.500 1192.000 62.500 1200.000 71.200 1227.000
 GR 75.000 1250.000 80.600 1300.000 0.000 0.000 0.000 0.000 0.000 0.000

X1 0.110 0.000 0.000 0.000 1.000 1.000 1.000 0.000 0.000 0.000

X1 0.120 0.000 0.000 0.000 1.000 1.000 1.000 0.000 0.000 0.000

X1 0.130 0.000 0.000 0.000 3.000 3.000 3.000 0.000 0.000 0.000

X1 0.140 0.000 0.000 0.000 5.000 5.000 5.000 0.000 0.000 0.000
 NC 0.080 0.080 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

XXX VALLEY SEC ROCKFISH CR STA 498+90 XXX

X1 0.200 12.000 1050.000 1166.000 1340.000 1340.000 1340.000 0.000 -0.100 0.000
 GR 90.900 1000.000 90.700 1050.000 61.900 1100.000 57.300 1105.000 52.000 1130.000
 GR 56.400 1165.000 58.300 1166.000 74.500 1200.000 77.700 1215.000 79.200 1250.000

GR	80,000	1500,000	90,000	1350,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,000	0,000	0,040	0,000	0,000	0,000	0,000	0,000	0,000	0,000

XXX DOWNSTREAM FACE US 301 ROCKFISH CR STA 499+40 XXX

X1	0.300	19,000	1400,000	1600,000	50,000	50,000	50,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	90,000	90,000	0,000
GR	91,000	1000,000	90,800	1345,000	90,600	1395,000	88,000	1400,000	87,500	1410,000
GR	55,900	1450,000	52,400	1470,000	51,900	1480,000	52,400	1490,000	55,500	1510,000
GR	69,000	1530,000	73,500	1540,000	74,000	1550,000	75,000	1570,000	78,800	1580,000
GR	79,100	1595,000	79,100	1600,000	79,900	1645,000	85,500	2000,000	0,000	0,000
SB	1,250	1,560	2,500	0,000	27,000	6,750	3420,000	2,400	51,900	51,900

XXX UPSTREAM FACE US 301 SEC CRF-9 ROCKFISH CR STA 500+15 XXX

X1	0.400	0,000	0,000	0,000	75,000	75,000	75,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	88,000	91,600	0,000	0,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	91,700	91,600	0,000
BT	13,000	1000,000	92,200	0,000	1190,000	91,700	0,000	1200,000	92,000	0,000
BT	1300,000	92,200	0,000	1400,000	91,900	0,000	1400,000	91,900	88,000	1500,000
BT	91,900	88,000	1600,000	91,900	88,000	1600,000	91,900	0,000	1700,000	91,900
BT	0,000	1800,000	91,900	0,000	1900,000	91,700	0,000	2000,000	91,600	0,000
NC	0,100	0,100	0,050	0,000	0,000	0,000	0,000	0,000	0,000	0,000

XXX SEC CRF-10 ROCKFISH CR STA 500+50 XXX

X1	0.500	11,000	1050,000	1166,000	35,000	35,000	35,000	0,000	0,000	0,000
GR	90,900	1000,000	90,700	1050,000	61,900	1100,000	57,300	1105,000	52,000	1135,000
GR	56,400	1165,000	58,300	1166,000	74,500	1200,000	77,700	1215,000	79,200	1250,000
GR	80,000	1300,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
NC	0,120	0,120	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
BT	6,000	3450,000	5900,000	7200,000	11000,000	7200,000	7200,000	0,000	9,000	0,000

XXX TRANS SEC STA 502+00 ROCKFISH = STA 0+00 LITTLE ROCKFISH XXX

X1	0.600	0,000	0,000	0,000	175,000	75,000	150,000	0,000	0,300	0,000
NC	0,000	0,100	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000

XXX TRANS SEC CLRF-1A XXX

X1	10,000	12,000	1112,000	1143,000	0,000	100,000	10,000	0,000	0,300	0,000
GR	79,100	1072,000	65,100	1100,000	58,800	1112,000	54,600	1115,000	51,900	1128,000
GR	55,300	1141,000	58,200	1143,000	61,700	1149,000	64,200	1158,000	81,300	1177,000
GR	84,100	1200,000	84,800	1250,000	0,000	0,000	0,000	0,000	0,000	0,000

X1	11,000	0,000	0,000	0,000	1,000	1,000	1,000	0,000	0,000	0,000
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X1	12,000	0,000	0,000	0,000	1,000	1,000	1,000	0,000	0,000	0,000
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X1	15,000	0,000	0,000	0,000	3,000	3,000	3,000	0,000	0,000	0,000
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XXX SURV SEC CLRF-1 XXX

X1	180,000	0,000	0,000	0,000	150,000	75,000	165,000	0,000	-0,300	0,000
NC	0,090	0,090	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000

X1	94.600	1000.000	91.000	1057.000	72.300	1087.000	60.500	1100.000	58.900	1107.000
GR	51.200	1110.000	50.700	1121.000	54.900	1132.000	60.100	1134.000	64.400	1142.000
GR	66.700	1149.000	76.800	1164.000	82.600	1200.000	84.300	1250.000	90.000	1380.000
NC	0.070	0.070	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX SURV SEC CLRK-2 SR 1131 (CAMERON RD) XXX

X1	641.000	17.000	1132.000	1268.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	88.500	88.500	0.000
GR	100.000	870.000	96.200	1070.000	92.600	1127.000	90.300	1132.000	86.900	1132.000
GR	72.300	1162.000	65.700	1172.000	63.300	1182.000	52.300	1202.000	53.300	1212.000
GR	56.700	1222.000	62.300	1232.000	72.300	1242.000	82.700	1268.000	84.200	1268.000
GR	85.900	1320.000	90.000	1440.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.250	1.320	2.500	0.000	13.000	2.000	2520.000	1.780	52.300	52.300

X1	669.000	0.000	0.000	0.000	28.000	28.000	28.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	86.900	90.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	90.300	90.200	0.000
BT	8.000	1132.000	90.300	0.000	1132.000	90.300	86.900	1200.000	90.000	86.900
BT	1268.000	90.200	86.900	1268.000	90.200	0.000	1300.000	90.700	0.000	1400.000
BT	90.600	0.000	1450.000	90.700	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.090	0.090	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	719.000	14.000	1107.000	1134.000	50.000	50.000	50.000	0.000	0.600	0.000
GR	94.600	1000.000	91.000	1057.000	72.300	1087.000	60.500	1100.000	58.900	1107.000
GR	51.200	1110.000	50.700	1121.000	54.900	1132.000	60.100	1134.000	64.400	1142.000
GR	66.700	1149.000	76.800	1164.000	82.600	1200.000	84.300	1250.000	0.000	0.000
NC	0.110	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX SURV SEC CLRK-3 XXX

X1	760.000	0.000	0.000	0.000	41.000	41.000	41.000	0.000	-0.800	0.000
NC	0.120	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX SURV SEC CLRK-4 XXX

X1	3740.000	9.000	1045.000	1078.000	2600.000	2980.000	2980.000	0.000	0.000	0.000
GR	87.900	1000.000	64.900	1045.000	61.100	1052.000	54.600	1064.000	60.000	1076.000
GR	64.500	1078.000	61.300	1100.000	88.400	1200.000	89.500	1250.000	0.000	0.000

XXX SURV SEC CLRK-5 XXX

X1	6130.000	18.000	1136.000	1174.000	2390.000	2390.000	2390.000	0.000	0.000	0.000
GR	95.600	1000.000	75.000	1050.000	75.700	1100.000	75.200	1108.000	71.800	1115.000
GR	67.300	1136.000	63.900	1138.000	60.400	1154.000	64.300	1170.000	69.500	1174.000
GR	69.800	1183.000	72.900	1188.000	73.900	1200.000	75.500	1223.000	85.700	1250.000
GR	98.600	1275.000	104.900	1300.000	108.000	1329.000	0.000	0.000	0.000	0.000

XXX SURV SEC CLRK-6 XXX

XXX HOPE MILLS STUDY LOWER LIMITS AT APPROX STA=94700 XXX

X1	8750.000	15.000	1160.000	1200.000	2620.000	2620.000	2620.000	0.000	0.000	0.000
GR	98.000	890.000	96.000	900.000	94.000	925.000	92.000	955.000	90.000	985.000
GR	84.800	1000.000	82.100	1100.000	81.900	1145.000	74.800	1160.000	64.800	1169.000
GR	62.900	1181.000	65.500	1193.000	72.700	1200.000	102.600	1240.000	105.100	1250.000

XXX SURV SEC CLRK-7 XXX

PRINTED IN U.S.A.

XXX SURV SEC CLRF-7 XXX

X1	12950.000	15.000	1083.000	1109.000	4200.000	4200.000	4200.000	0.000	0.000	0.000
GR	102.000	1000.000	75.000	1083.000	69.000	1084.000	68.000	1095.000	68.000	1106.000
GR	74.300	1109.000	78.000	1120.000	88.400	1153.000	89.800	1175.000	90.000	1185.000
GR	92.000	1250.000	94.000	1300.000	96.000	1360.000	98.000	1430.000	100.000	1450.000
NC	0.100	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	13417.000	18.000	1119.000	1177.000	467.000	467.000	467.000	0.000	-5.000	0.000
GR	105.400	1000.000	100.500	1081.000	98.100	1084.000	96.500	1092.000	90.700	1100.000
GR	80.000	1113.000	78.700	1119.000	70.100	1135.000	70.900	1153.000	72.000	1172.000
GR	77.900	1177.000	85.500	1194.000	85.800	1200.000	86.800	1218.000	95.500	1255.000
GR	96.600	1300.000	102.100	1400.000	105.200	1500.000	0.000	0.000	0.000	0.000
NC	0.080	0.080	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX SURV SEC CLRF-8 SR 1132 (LEGION RD) XXX

XXX GR PTS EXTENDED FROM TOPO XXX

X1	13467.000	28.000	1296.000	1430.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	97.500	100.200	0.000
GR	100.000	1215.000	98.800	1237.000	95.100	1296.000	94.600	1301.000	89.400	1311.000
GR	88.000	1316.000	81.700	1326.000	77.400	1336.000	76.500	1341.000	78.200	1351.000
GR	75.900	1361.000	67.100	1371.000	64.700	1376.000	67.000	1386.000	73.600	1391.000
GR	75.700	1396.000	80.100	1409.000	80.400	1419.000	81.300	1430.000	90.100	1470.000
GR	92.000	1500.000	94.000	1505.000	96.000	1540.000	98.000	1585.000	100.000	1615.000
GR	102.000	1655.000	106.000	1700.000	108.400	1715.000	0.000	0.000	0.000	0.000
SB	1.250	1.360	2.500	0.000	1.000	3.000	2090.000	2.020	64.700	64.700
NC	0.070	0.070	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	13493.000	0.000	0.000	0.000	26.000	26.000	26.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	98.600	98.800	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	98.800	102.000	0.000
BT	12.000	1237.000	98.800	0.000	1296.000	99.100	0.000	1256.000	99.100	95.700
BT	1300.000	99.200	95.800	1400.000	101.200	97.800	1430.000	102.000	98.600	1430.000
BT	102.000	0.000	1500.000	103.800	0.000	1600.000	106.700	0.000	1632.000	107.700
BT	0.000	1700.000	108.500	0.000	1715.000	108.400	0.000	0.000	0.000	0.000
NC	0.080	0.080	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	13543.000	18.000	1119.000	1177.000	50.000	50.000	50.000	0.000	-4.600	0.000
GR	105.400	1000.000	100.500	1081.000	98.100	1084.000	96.500	1092.000	90.700	1100.000
GR	80.000	1113.000	78.700	1119.000	70.100	1135.000	70.900	1153.000	72.000	1172.000
GR	77.900	1177.000	85.500	1194.000	85.800	1200.000	86.800	1218.000	95.500	1255.000
GR	96.600	1300.000	102.100	1400.000	105.200	1500.000	0.000	0.000	0.000	0.000
NC	0.090	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX SURV SEC CLRF-9 XXX

X1	13900.000	0.000	0.000	0.000	260.000	357.000	357.000	0.000	4.600	0.000
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XXX SURV SEC CLRF-10 XXX

X1	15080.000	13.000	1300.000	1381.000	1180.000	1180.000	1180.000	0.000	0.000	0.000
GR	106.500	1000.000	98.800	1085.000	96.100	1100.000	86.300	1188.000	85.600	1200.000
GR	81.700	1278.000	77.400	1290.000	77.200	1300.000	74.200	1306.000	71.900	1318.000
GR	70.300	1333.000	104.000	1381.000	106.000	1400.000	0.000	0.000	0.000	0.000

XXX SURV SEC CLRF-11 XXX

X1	16710.000	12.000	1055.000	1084.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	100.500	1000.000	82.800	1015.000	79.000	1035.000	75.000	1039.000	74.400	1058.000
GR	76.200	1077.000	78.700	1084.000	81.400	1100.000	83.900	1136.000	103.900	1165.000
GR	111.800	1220.000	112.500	1217.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	16858.000	0.000	0.000	0.000	148.000	148.000	148.000	0.000	2.400	0.000
NC	3.070	0.070	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	16903.000	0.000	0.000	0.000	45.000	45.000	45.000	0.000	1.300	0.000
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XXX SEC ACROSS DOWNSTREAM SPILLWAY HOPE MILLS DAM XXX

X1	16907.000	6.000	1390.000	1473.000	4.000	4.000	4.000	0.000	0.000	0.000
GR	109.600	1342.000	104.200	1372.000	89.000	1390.000	89.000	1473.000	107.600	1537.000
GR	115.500	1572.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX SURV SEC CLRF-12 HOPE MILLS DAM XXX

X1	16908.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	105.000	105.000	0.000
SB	1.250	1.650	2.500	0.000	79.000	5.000	1103.000	1.000	93.200	89.000

X1	16962.000	10.000	1390.000	1473.000	54.000	54.000	54.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	98.500	108.400	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	108.400	109.200	0.000
BT	16.000	1000.000	110.500	0.000	1100.000	109.200	0.000	1149.000	108.900	0.000
BT	1162.000	108.900	0.000	1200.000	108.400	0.000	1300.000	109.900	0.000	1390.000
BT	109.200	0.000	1390.000	110.500	0.000	1390.000	110.500	98.500	1400.000	110.500
BT	98.500	1473.000	110.500	98.500	1473.000	110.500	0.000	1473.000	109.200	0.000
BT	1500.000	109.500	0.000	1550.000	110.200	0.000	1572.000	115.500	0.000	0.000
GR	109.600	1342.000	104.200	1372.000	93.200	1390.000	93.200	1420.000	93.300	1430.000
GR	93.300	1450.000	93.200	1460.000	93.500	1473.000	107.600	1537.000	110.200	1550.000
NC	0.080	0.080	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX VALLEY SEC ACROSS LAKE COMPOSED FROM TOPO XXX

X1	17012.000	13.000	1025.000	1580.000	100.000	100.000	50.000	0.000	0.000	0.000
GR	110.000	1000.000	108.000	1025.000	102.200	1025.000	91.000	1047.000	80.000	1280.000
GR	78.200	1400.000	81.000	1445.000	102.200	1580.000	104.000	1590.000	106.000	1600.000
GR	106.000	1605.000	110.000	1610.000	112.000	1640.000	0.000	0.000	0.000	0.000
NC	0.090	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX SEC CLRF-12A ACROSS LAKE COMPOSED FROM TOPO XXX

X1	18400.000	20.000	150.000	960.000	1550.000	1600.000	1388.000	0.000	0.000	0.000
GR	120.000	0.000	116.000	30.000	116.000	50.000	114.000	75.000	112.000	90.000
GR	110.000	110.000	104.000	130.000	102.200	150.000	87.000	320.000	82.500	410.000
GR	82.000	555.000	83.000	710.000	88.000	850.000	95.000	925.000	102.200	960.000
GR	104.000	970.000	106.000	985.000	108.000	995.000	110.000	1000.000	120.000	1040.000
NC	0.110	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX SEC CLRF-12B ACROSS LAKE COMPOSED FROM TOPO XXX

X1	20130.000	21.000	315.000	565.000	1550.000	2050.000	1730.000	0.000	0.000	0.000
GR	120.000	0.000	116.000	30.000	116.000	50.000	114.000	70.000	112.000	100.000
GR	110.000	120.000	108.000	145.000	104.000	270.000	102.200	315.000	101.000	340.000
GR	88.000	400.000	86.500	440.000	88.000	480.000	98.000	520.000	101.000	540.000
GR	102.200	565.000	104.000	615.000	106.000	645.000	108.000	695.000	110.000	840.000

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110.000 1070.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

XXX TOPO SEC CLRF-12C ABANDONED RR BED XXX

X1	21025.000	15.000	865.000	1030.000	1800.000	500.000	895.000	0.000	0.000	0.000
GR	120.000	0.000	114.000	630.000	112.000	720.000	110.000	760.000	106.000	815.000
GR	104.000	860.000	102.200	865.000	95.000	870.000	90.000	880.000	88.900	1950.000
GR	90.000	980.000	92.000	1000.000	102.200	1030.000	110.000	1065.000	112.000	1680.000

XXX SEC CLRF-12D ACROSS LAKE COMPOSED FROM TOPO XXX

X1	21400.000	16.000	250.000	1290.000	835.000	735.000	375.000	0.000	0.000	0.000
GR	110.000	0.000	108.000	50.000	106.000	125.000	104.000	200.000	102.200	250.000
GR	98.000	370.000	94.000	520.000	90.600	700.000	89.800	810.000	90.500	1920.000
GR	94.000	1100.000	98.000	1230.000	102.200	1290.000	104.000	1320.000	106.000	1350.000
GR	106.000	1630.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX VALLEY SEC COMPOSED FROM TOPO XXX

X1	21463.000	13.000	50.000	125.000	63.000	63.000	63.000	0.000	0.000	0.000
GR	120.000	0.000	110.000	40.000	102.200	50.000	89.900	70.000	90.700	90.000
GR	91.700	100.000	93.600	110.000	102.200	125.000	104.000	128.000	106.000	132.000
GR	108.000	140.000	110.000	150.000	120.000	170.000	0.000	0.000	0.000	0.000
NC	0.090	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX SURV SEC CLRF-13 ATLANTIC COAST LINE RR XXX

XXX NORMAL BRIDGE ROUTINE USED -- FOR LOW FLOW XXX

X1	21513.000	23.000	1150.000	1311.000	50.000	50.000	50.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	132.000	132.000	0.000
GR	136.100	1000.000	135.500	1100.000	135.200	1128.000	130.100	1132.000	120.100	1142.000
GR	118.000	1150.000	110.100	1182.000	106.400	1190.000	105.400	1200.000	90.100	1210.000
GR	90.900	1230.000	91.900	1240.000	93.800	1250.000	103.400	1260.000	106.300	1272.000
GR	108.300	1282.000	110.200	1292.000	119.000	1311.000	120.100	1312.000	130.100	1322.000
GR	134.100	1327.000	133.700	1400.000	133.100	1500.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	21514.000	27.000	1150.000	1311.000	1.000	1.000	1.000	0.000	0.000	0.000
BT	4.000	1150.000	135.200	0.000	1150.000	135.200	128.700	1311.000	134.300	127.800
BT	1311.000	134.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	136.100	1000.000	135.500	1100.000	135.200	1150.000	128.700	1150.000	123.100	1170.000
GR	115.500	1180.000	114.000	1185.000	106.400	1190.000	105.400	1200.000	128.400	1200.000
GR	128.400	1204.000	100.000	1204.000	90.100	1210.000	90.900	1230.000	91.900	1240.000
GR	93.800	1250.000	100.500	1257.000	128.100	1257.000	128.100	1261.000	103.500	1261.000
GR	109.700	1280.000	115.700	1290.000	125.200	1310.000	127.800	1311.000	134.300	1311.000
GR	133.700	1400.000	133.100	1500.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	21537.000	0.000	0.000	0.000	23.000	23.000	23.000	0.000	0.000	0.000
X2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000

X1	21538.000	23.000	1150.000	1311.000	1.000	1.000	1.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	135.200	133.100	0.000
GR	136.100	1000.000	135.500	1100.000	135.200	1128.000	130.100	1132.000	120.100	1142.000
GR	118.000	1150.000	110.100	1182.000	106.400	1190.000	105.400	1200.000	90.100	1210.000
GR	90.900	1230.000	91.900	1240.000	93.800	1250.000	103.400	1260.000	106.300	1272.000
GR	108.300	1282.000	110.200	1292.000	119.000	1311.000	120.100	1312.000	130.100	1322.000
GR	134.100	1327.000	133.700	1400.000	133.100	1500.000	0.000	0.000	0.000	0.000
NC	0.090	0.090	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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X1	21588.000	13.000	50.000	125.000	50.000	50.000	50.000	0.000	0.500	0.000
GR	120.000	0.000	110.000	40.000	102.200	50.000	89.900	70.000	90.700	90.000
GR	91.700	100.000	93.600	110.000	102.200	125.000	104.000	128.000	106.000	132.000
GR	108.000	140.000	110.000	150.000	120.000	170.000	0.000	0.000	0.000	0.000
NC	0.110	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	6.000	3350.000	5700.000	7100.000	10800.000	7100.000	7100.000	0.000	0.000	0.000

XXX SEC CLRF-13A ACROSS LAKE COMPOSED FROM TOPO XXX

X1	21650.000	28.000	1280.000	1990.000	62.000	62.000	62.000	0.000	0.000	0.000
GR	120.000	450.000	110.000	790.000	110.000	1000.000	108.000	1025.000	106.000	1075.000
GR	104.000	1260.000	102.200	1280.000	96.000	1340.000	93.000	1400.000	91.000	1520.000
GR	90.600	1670.000	91.000	1810.000	93.000	1940.000	96.000	1980.000	102.200	1990.000
GR	104.000	2000.000	106.000	2020.000	106.200	2060.000	106.000	2085.000	104.000	2220.000
GR	106.000	2330.000	108.000	2370.000	110.000	2395.000	112.000	2420.000	114.000	2460.000
GR	116.000	2490.000	118.000	2550.000	120.000	2635.000	0.000	0.000	0.000	0.000

XXX SEC CLRF-13B ACROSS LAKE COMPOSED FROM TOPO XXX

XXX TOPO SEC CLRF-13C XXX

X1	22200.000	21.000	375.000	1005.000	675.000	675.000	550.000	0.000	0.000	0.000
GR	112.400	0.000	112.000	140.000	110.000	185.000	108.000	280.000	106.000	310.000
GR	104.000	345.000	102.200	375.000	97.000	460.000	95.000	520.000	93.000	600.000
GR	92.500	690.000	92.700	760.000	94.000	850.000	102.200	1005.000	104.000	1055.000
GR	106.000	1065.000	108.000	1115.000	110.000	1205.000	112.000	1245.000	114.000	1270.000
GR	113.800	1430.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	6.000	2950.000	5150.000	6400.000	9900.000	6400.000	6400.000	0.000	0.000	0.000
NC	0.120	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XXX HOPE MILLS CORPORATE LIMIT -- UPPER STUDY LIMIT XXX

X1	23700.000	14.000	500.000	700.000	2500.000	1300.000	1500.000	0.000	0.000	0.000
GR	110.000	0.000	108.000	325.000	106.000	400.000	104.000	460.000	102.200	500.000
GR	99.100	569.000	98.000	584.000	98.100	616.000	102.200	680.000	104.000	700.000
GR	106.000	710.000	106.000	720.000	108.300	900.000	110.000	1040.000	0.000	0.000

XXX SURV SEC CLRF-14 XXX

X1	24875.000	19.000	1236.000	1300.000	3350.000	2200.000	2675.000	0.000	0.000	0.000
GR	118.200	1000.000	117.100	1037.000	108.600	1100.000	106.200	1115.000	105.400	1118.000
GR	103.400	1200.000	106.400	1236.000	103.100	1247.000	102.000	1262.000	102.100	1294.000
GR	106.000	1300.000	103.700	1400.000	103.900	1500.000	105.100	1600.000	106.000	1685.000
GR	106.800	1700.000	112.600	1773.000	113.900	1800.000	120.000	1950.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000