

THIS RUN EXECUTED 9/19/ 1983 9:57:48

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MSG RELEASE DATED NOV 76 UPDATED JUNE 1982  
ERROR CORR 81982905704905  
MODIFICATION - 50,51,52,53,54  
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# Rockfish Creek

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XXX SURVEY SEC CRT-13 XXX

Y1	15.000	1385.000	1447.000	1510.000	1510.000	1510.000	0.000	0.000	0.000	
GR	91.500	1000.000	92.800	1023.000	79.200	1072.000	75.800	1100.000	75.200	1200.000
GR	77.100	1264.000	77.100	1300.000	74.300	1367.000	62.900	1385.000	59.200	1386.000
GR	57.800	1414.000	58.900	1442.000	67.500	1447.000	71.000	1473.000	84.800	1488.000
NE	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	0.000	0.000	9.100	9.100	9.100	0.000	0.000	0.000	1242.000	1488.000
BT	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1270.000	1470.000

Y1	0.000	0.000	0.000	91.000	91.000	91.000	0.000	1.000	0.000	
GR	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
BT	0.000	0.000	0.000	0.000	9.110	0.000	0.000	0.000	1300.000	1500.000

XXX SURVEY SEC CRT-14 GR 1127 XXX

Y1	70.000	1300.000	1500.000	50.000	50.000	50.000	0.000	0.000	0.000	
Y2	10.000	0.000	0.000	0.000	0.000	0.000	93.500	93.500	0.000	
GR	95.400	1000.000	94.400	1008.000	50.800	1057.000	77.400	1085.000	76.800	1185.000
GR	77.200	1249.000	78.700	1285.000	78.000	1300.000	75.900	1348.000	72.400	1357.000
GR	60.900	1370.000	67.400	1375.000	58.400	1400.000	61.000	1420.000	67.500	1425.000
GR	85.700	1475.000	90.000	1492.000	90.600	1500.000	95.300	1546.000	95.700	1600.000
NE	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1300.000	1500.000
BT	1.250	1.280	2.500	0.000	8.000	4.000	3360.000	2.910	59.400	59.400

Y1	0.000	0.000	0.000	18.000	18.000	18.000	0.000	0.000	0.000	
Y2	0.000	0.000	1.000	92.500	94.900	0.000	0.000	0.000	0.000	
Y3	10.000	0.000	0.000	0.000	0.000	0.000	55.000	95.100	0.000	
BT	10.000	1000.000	95.400	0.000	1100.000	94.900	0.000	1200.000	94.900	0.000
BT	1300.000	95.000	0.000	1300.000	95.000	92.400	1400.000	95.000	92.000	1500.000
BT	95.100	92.500	1500.000	45.100	0.000	1546.000	95.300	0.000	1600.000	95.700
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	6.000	4565.000	8100.000	10065.000	15895.000	10065.000	10065.000	0.000	0.000	0.000
NE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	0.000	0.000	9.100	9.100	9.100	9.100	0.000	0.000	1265.000	1482.000

Y1	15.000	1385.000	1447.000	50.000	50.000	50.000	0.000	0.000	0.000	
GR	93.500	1000.000	92.800	1023.000	79.200	1072.000	75.800	1100.000	75.200	1200.000
GR	75.600	1264.000	77.100	1300.000	70.300	1365.000	62.900	1385.000	59.200	1386.000
GR	57.800	1414.000	58.900	1442.000	67.500	1447.000	71.000	1473.000	84.800	1488.000
NE	0.100	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1221.000	1406.000

XXX SURVEY SEC CRT-15 XXX

Y1	26.000	1272.000	1406.000	610.000	610.000	610.000	0.000	0.000	0.000	
GR	85.300	1045.000	84.200	1095.000	84.200	1145.000	84.200	1165.000	76.400	1200.000
GR	75.200	1206.000	68.800	1207.000	68.500	1272.000	61.800	1272.000	56.200	1335.000
GR	61.600	1406.000	72.100	1406.000	71.100	1407.000	75.400	1450.000	86.200	1492.000
GR	87.300	1503.000	84.000	1509.000	89.900	1514.000	88.500	1565.000	89.500	1600.000
GR	92.000	1700.000	95.000	1800.000	96.400	1850.000	98.200	1840.000	98.600	1846.000
GR	98.700	1850.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NE	7.000	0.100	1185.000	0.000	1207.000	0.000	1234.000	0.000	1278.000	0.015
NE	1397.000	0.000	1030.000	0.000	1850.000	0.000	0.000	0.000	0.000	0.000
BT	0.000	0.000	0.000	0.000	0.000	9.110	9.110	0.000	1194.000	1397.000

XXX SURVEY SEC CRT-16 DAN XXX



XXX HOPE HILLS LOWER STUDY UNIT AT STA 600+00 XXX

	17,000	1138,000	1226,000	2147,000	2147,000	2147,000	0,000	0,000	0,000
GR	87,500	1000,000	84,100	1100,000	83,000	1120,000	79,500	1126,000	79,000
GR	75,900	1138,000	74,100	1139,000	69,900	1183,000	76,300	1260,000	74,200
GR	75,200	1226,000	75,400	1231,000	84,700	1246,000	89,700	1260,000	42,000
GR	80,400	1440,000	93,200	1560,000	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
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1507,000

XXX SURVEY SEC CRF-18 XXX

X1	61170,000	21,000	1553,000	1677,000	3395,000	3395,000	3395,000	0,000	0,000	0,000
GR	100,400	1000,000	100,700	1012,000	100,700	1024,000	98,500	1027,000	98,500	1100,000
GR	97,200	1200,000	94,500	1300,000	87,500	1400,000	83,800	1500,000	83,900	1534,000
GR	81,000	1542,000	76,800	1553,000	73,200	1560,000	71,600	1579,000	71,600	1617,000
GR	72,800	1634,000	73,200	1676,000	76,400	1677,000	97,900	1720,000	98,500	1731,000
GR	109,700	1750,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
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	1492,000	1650,000

X1	62436,000	26,000	1520,000	1620,000	1100,000	1266,000	1266,000	0,000	-0,800	0,000
GR	102,100	1050,000	95,800	1073,000	94,800	1090,000	97,000	1100,000	88,100	1102,000
GR	89,400	1200,000	86,500	1300,000	86,500	1400,000	86,500	1492,000	83,300	1498,000
GR	86,300	1500,000	86,300	1520,000	73,300	1525,000	70,000	1543,000	73,300	1570,000
GR	74,000	1600,000	72,700	1616,000	77,400	1620,000	83,500	1655,000	82,600	1700,000
GR	81,400	1733,000	84,800	1771,000	84,300	1800,000	85,400	1900,000	91,200	1908,000
GR	95,600	1955,000	0,000	0,000	0,000	0,000	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	0.000	0.000	1510,000	1650,000

XXX SURVEY SEC CRF-18 NC 59 XXX

X1	62486,000	32,000	1512,000	1622,000	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	29,000	29,000	0,000
GR	103,600	993,000	101,200	1033,000	94,800	1056,000	97,800	1073,000	92,100	1087,000
GR	87,200	1125,000	88,500	1183,000	85,600	1283,000	85,600	1383,000	85,600	1475,000
GR	85,400	1493,000	85,400	1503,000	85,100	1512,000	84,100	1522,000	71,100	1542,000
GR	69,100	1552,000	69,100	1562,000	69,400	1567,000	71,100	1582,000	73,600	1587,000
GR	74,600	1592,000	85,100	1622,000	81,700	1683,000	80,500	1716,000	83,900	1750,000
GR	83,400	1783,000	84,500	1883,000	90,300	1931,000	94,700	1938,000	96,000	1983,000
GR	97,600	2000,000	101,000	2100,000	0,000	0,000	0,000	0,000	0,000	0,000
SB	1,250	1,410	2,500	0,000	73,000	14,000	1543,000	0,970	69,100	89,100
ET	0,000	0,000	0,000	0,000	0,000	9,110	0,000	0,000	1510,000	1650,000

X1	62513,000	0,000	0,000	0,000	27,000	27,000	27,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	86,200	89,700	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	29,900	29,900	0,000
BT	10,000	1033,000	101,200	0,000	1100,000	98,800	0,000	1200,000	95,500	0,000
BT	1300,000	92,700	0,000	1400,000	90,700	0,000	1500,000	90,000	0,000	1512,000
BT	89,900	0,000	1512,000	89,900	88,200	1567,000	85,500	88,200	1622,000	89,900
BT	88,200	1622,000	89,900	0,000	1700,000	89,700	0,000	1500,000	90,200	0,000
BT	1983,000	96,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
BT	6,000	4550,000	8075,000	10040,000	15850,000	10040,000	10040,000	0,000	0,000	0,000
NC	0.100	0.100	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	0.000	0.000	0.000	1480,000	1680,000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1520,000	1675,000

	1200.000	1200.000	1620.000	50.000	50.000	50.000	0.000	-0.500	0.000
	142.000	89.400	1200.000	86.500	1300.000	86.500	1400.000	86.500	1492.000
	1570.000	74.000	1600.000	72.700	1616.000	77.400	1620.000	83.500	1655.000
	1948.000	95.600	1955.000	96.900	2000.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	9.100	9.100	0.000	0.000	0.000	0.000	1493.000	1670.000
	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1500.000	1660.000

XXX SURVEY SEC CRF-20 XXX

62650.000	0.000	0.000	0.000	87.000	87.000	87.000	0.000	0.500	0.000
0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1555.000	1690.000

XXX SURVEY SEC CRF-21 ABANDONED R.R. BED XXX

62720.000	24.000	1575.000	1673.000	110.000	50.000	70.000	0.000	0.000	0.000
104.000	1000.000	101.600	1100.000	100.100	1200.000	100.100	1300.000	99.600	1400.000
99.200	1500.000	100.100	1553.000	85.700	1555.000	75.900	1575.000	73.600	1576.000
76.000	1600.000	71.100	1625.000	73.900	1670.000	75.400	1673.000	76.000	1676.000
78.900	1679.000	90.400	1700.000	99.300	1716.000	99.100	1800.000	98.700	1900.000
98.800	2000.000	99.800	2068.000	100.300	2095.000	100.500	2110.000	0.000	0.000
0.120	0.120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1090.000	1260.000

XXX SURVEY SEC CRF-22 XXX

63940.000	21.000	1100.000	1212.000	750.000	700.000	1220.000	0.000	0.000	0.000
109.000	1000.000	95.500	1050.000	79.500	1100.000	73.300	1103.000	69.400	1128.000
74.600	1150.000	76.200	1194.000	80.000	1200.000	84.200	1212.000	86.600	1300.000
80.600	1400.000	86.600	1500.000	85.200	1600.000	87.700	1700.000	86.500	1770.000
91.000	1783.000	91.300	1800.000	91.300	1865.000	95.400	1900.000	98.900	2000.000
98.500	2053.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	9.100	9.100	9.100	0.000	0.000	0.000	1570.000	2010.000
0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1665.000	1855.000

XXX SURVEY SEC CRF-23 XXX

6506	24.000	1700.000	1852.000	1000.000	1200.000	2210.000	0.000	0.000	0.000
112.600	1000.000	108.300	1100.000	101.300	1150.000	91.500	1200.000	87.000	1300.000
81.800	1320.000	80.000	1500.000	85.100	1582.000	82.600	1590.000	82.800	1600.000
82.300	1682.000	78.400	1700.000	75.600	1702.000	75.100	1730.000	76.100	1741.000
78.400	1752.000	76.400	1760.000	73.500	1779.000	75.900	1844.000	80.600	1852.000
83.900	1881.000	89.600	1900.000	99.100	1970.000	100.000	2000.000	0.000	0.000
0.100	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	9.100	9.100	9.100	9.100	0.000	0.000	0.000	1650.000	1890.000
0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1690.000	1855.000

XXX SURVEY SEC CRF-24 ATLANTIC COASTLINE R.R. BED XXX

66349.000	0.000	0.000	0.000	99.000	99.000	99.000	0.000	-0.700	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	9.110	9.110	0.000	1399.000	1543.000

	1015.000	82.900	1195.000	84.000	1277.000	81.500	1285.000
	1377.000	77.300	1395.000	74.500	1397.000	74.400	1405.000
	1443.000	72.000	1451.000	76.000	1457.000	72.400	1474.000
	1542.000	79.500	1547.000	82.800	1576.000	88.500	1595.000
	1695.000	106.200	2100.000	108.000	2275.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	1405.000	1537.000

	1405.000	1537.000	1.000	1.000	1.000	0.000	0.000	0.000
	1405.000	1405.000	83.200	1426.000	107.400	1426.000	107.400	1431.000
	1437.000	1437.000	77.700	1438.000	77.400	1440.000	72.000	1451.000
	1463.000	1463.000	79.500	1465.000	79.900	1470.000	108.000	1470.000
	1475.000	1475.000	80.600	1480.000	82.700	1500.000	94.100	1515.000
	1520.000	1520.000	97.900	1520.000	108.000	1537.000	110.000	1537.100
	0.000	0.000	0.000	9.100	0.000	0.000	1405.000	1537.000

	0.000	0.000	0.000	21.000	21.000	21.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1405.000	1537.000

	1405.000	1537.000	1.000	1.000	1.000	0.000	0.000	0.000	
	0.000	0.000	0.000	0.000	0.000	114.700	115.400	0.000	
	111.500	695.000	107.200	795.000	100.200	845.000	90.400	895.000	
	80.700	1015.000	82.900	1195.000	84.000	1277.000	81.500	1285.000	
	81.200	1377.000	77.300	1395.000	74.500	1397.000	74.400	1405.000	
	76.000	1443.000	72.000	1451.000	76.000	1457.000	72.400	1474.000	
	76.500	1542.000	79.500	1547.000	82.800	1576.000	88.500	1595.000	
	98.900	1695.000	106.200	2100.000	108.000	2275.000	0.000	0.000	
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	9.100	9.100	9.100	9.100	0.000	0.000	0.000	1700.000	1500.000
	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1700.000	1570.000

	1700.000	1852.000	50.000	50.000	50.000	0.000	-0.700	0.000	
	108.300	1100.000	101.300	1150.000	91.500	1200.000	87.000	1300.000	
	64.000	1500.000	85.100	1582.000	82.600	1590.000	82.800	1600.000	
	78.400	1764.000	73.500	1779.000	75.900	1844.000	80.600	1852.000	
	89.600	1900.000	99.100	1970.000	100.000	2000.000	0.000	0.000	
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	0.000	0.000	0.000	9.100	0.000	0.000	0.000	1480.000	1650.000

XXX SURVEY SEC CRF-25 ABANDONED R.R. BLD XXX

	1492.000	1585.000	448.000	448.000	448.000	0.000	0.000	0.000	
	99.100	1050.000	99.800	1100.000	100.300	1200.000	98.400	1300.000	
	93.000	1478.000	86.800	1482.000	83.100	1492.000	78.400	1495.000	
	75.400	1541.000	78.200	1581.000	84.200	1585.000	82.400	1600.000	
	95.200	1683.000	95.800	1700.000	97.300	1800.000	98.400	1900.000	
	100.400	2100.000	100.600	2200.000	0.000	0.000	0.000	0.000	
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	9.100	9.100	0.000	0.000	0.000	0.000	0.000	1560.000	1870.000
	0.000	0.000	0.000	9.100	0.000	0.000	0.000	1552.000	1892.000
	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1610.000	1810.000

XXX SURVEY SEC CRF-26 XXX

	1645.000	1730.000	70.000	70.000	70.000	0.000	0.000	0.000
	109.600	1050.000	96.400	1100.000	94.500	1200.000	94.000	1300.000
	41.500	1500.000	89.200	1554.000	83.300	1594.000	82.600	1600.000
	77.000	1648.000	76.400	1680.000	78.500	1718.000	84.700	1730.000
	85.800	1900.000	87.000	2000.000	85.000	2100.000	91.700	2157.000



100.000 200.000 300.000 400.000 500.000 600.000 700.000 800.000 900.000 1000.000

XXX SURVEY SEC CRF-27 XXX

X1	15.000	1281.000	1242.000	1660.000	1600.000	1576.000	0.000	0.000	0.000
GR	1000.000	105.200	1080.000	100.300	1100.000	94.900	1124.000	93.400	1157.000
GR	1159.000	93.100	1161.000	94.600	1200.000	92.900	1281.000	81.700	1294.000
GR	775.600	1314.000	81.700	1334.000	87.000	1342.000	87.600	1400.000	100.000
GR	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1035.000
NC									
ET									

XXX SURVEY SEC CRF-28 XXX

X1	75780.000	24.000	1662.000	1735.000	2400.000	2800.000	3820.000	0.000	0.000	0.000
GR	101.200	1000.000	97.200	1035.000	97.000	1100.000	97.900	1200.000	97.200	1200.000
GR	96.000	1375.000	96.200	1400.000	95.600	1475.000	93.900	1500.000	87.000	1547.000
GR	87.000	1564.000	90.400	1581.000	90.500	1600.000	90.100	1662.000	83.200	1677.000
GR	80.500	1707.000	79.700	1720.000	82.300	1730.000	92.100	1735.000	93.900	1785.000
GR	98.600	1800.000	103.400	1810.000	104.800	1815.000	112.700	1856.000	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	1290.000	1590.000

X1	77387.000	14.000	1438.000	1500.000	1607.000	1607.000	1607.000	0.000	-1.000	0.000
GR	113.000	1000.000	105.300	1100.000	100.000	1200.000	98.300	1300.000	97.700	1335.000
GR	94.600	1400.000	89.300	1438.000	82.700	1442.000	82.000	1462.000	86.100	1482.000
GR	95.200	1500.000	98.700	1600.000	101.400	1700.000	102.500	1800.000	0.000	0.000
NC	0.090	0.090	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	0.000	0.000	1290.000	1590.000

XXX HOPE MILLS UPPER STUDY LIMIT AT STA 770+00 XXX

XXX SURVEY SEC CRF-29 SR 1255 (GOLFVIEW RD) XXX

X1	77437.000	19.000	1330.000	1470.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	10.000	0.000	0.000	0.000	0.000	0.000	0.000	101.000	101.000	0.000
GR	112.000	950.000	104.300	1050.000	103.000	1000.000	95.000	1150.000	97.300	1250.000
GR	96.700	1285.000	90.000	1330.000	91.500	1360.000	91.000	1370.000	87.500	1390.000
GR	84.000	1400.000	81.000	1430.000	83.300	1440.000	94.900	1460.000	95.200	1470.000
GR	97.700	1550.000	100.400	1650.000	101.500	1750.000	110.000	1875.000	0.000	0.000
SH	1.250	1.430	2.500	0.000	33.000	3.000	1590.000	2.870	81.000	81.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1290.000	1590.000

X1	77463.000	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	99.750	102.200	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	102.200	102.300	0.000
BT	13.000	1080.000	103.000	0.000	1100.000	102.500	0.000	1200.000	102.200	0.000
BT	1300.000	102.200	0.000	1330.000	102.200	0.000	1330.000	102.200	99.750	1400.000
BT	102.200	99.750	1470.000	102.300	99.750	1470.000	102.300	0.000	1500.000	102.500
BT	0.000	1600.000	103.300	0.000	1700.000	104.700	0.000	1875.000	110.000	0.000
BT	6.000	1470.000	7940.000	9875.000	15605.000	9875.000	9875.000	0.000	0.000	0.000
NC	0.110	0.110	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	1290.000	1590.000

X1	77513.000	14.000	1438.000	1500.000	50.000	50.000	50.000	0.000	-0.500	0.000
GR	113.000	1000.000	105.300	1100.000	100.000	1200.000	98.400	1300.000	97.700	1335.000
GR	94.600	1400.000	89.300	1438.000	82.700	1442.000	82.000	1462.000	86.100	1482.000
GR	95.200	1500.000	98.700	1600.000	101.400	1700.000	102.500	1800.000	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	1290.000	1590.000

0.000 0.000 0.000 0.000 77.000 77.000 77.000 0.000 0.500 0.000  
~~0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000~~







REC'D RELEASE DATED NOV 76 UPDATED AUG 77

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ERROR CORR 01702

MODIFICATION - 50,51,52,53  
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NOTE - ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

ROCKFISH CR

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELMIN	ELLC
48540.000	70.32	70.63	51.50	0.00
<del>48540.000</del>	<del>75.65</del>	<del>76.10</del>	<del>51.50</del>	<del>0.00</del>
48540.000	78.00	78.53	51.50	0.00
<del>48540.000</del>	<del>83.72</del>	<del>84.41</del>	<del>51.50</del>	<del>0.00</del>
48541.000	70.32	70.63	51.50	0.00
48541.000	75.65	76.10	51.50	0.00
<del>48541.000</del>	<del>78.00</del>	<del>78.53</del>	<del>51.50</del>	<del>0.00</del>
48541.000	83.72	84.41	51.50	0.00
48542.000	70.32	70.63	51.50	0.00
<del>48542.000</del>	<del>75.65</del>	<del>76.10</del>	<del>51.50</del>	<del>0.00</del>
48542.000	78.00	78.53	51.50	0.00
<del>48542.000</del>	<del>83.72</del>	<del>84.41</del>	<del>51.50</del>	<del>0.00</del>
48545.000	70.32	70.63	51.50	0.00
48545.000	75.65	76.11	51.50	0.00
<del>48545.000</del>	<del>78.00</del>	<del>78.53</del>	<del>51.50</del>	<del>0.00</del>
48545.000	83.72	84.42	51.50	0.00
48550.000	70.33	70.63	51.50	0.00
<del>48550.000</del>	<del>75.66</del>	<del>76.11</del>	<del>51.50</del>	<del>0.00</del>
48550.001	78.01	78.53	51.50	0.00
<del>48550.000</del>	<del>83.73</del>	<del>84.42</del>	<del>51.50</del>	<del>0.00</del>
49890.000	71.39	71.71	51.90	0.00
49890.000	76.77	77.23	51.90	0.00
<del>49890.000</del>	<del>79.14</del>	<del>79.66</del>	<del>51.90</del>	<del>0.00</del>
49890.000	84.97	85.55	51.90	0.00
49940.000	71.50	71.75	51.90	0.00
<del>49940.000</del>	<del>76.93</del>	<del>77.28</del>	<del>51.90</del>	<del>0.00</del>
49940.000	79.33	79.72	51.90	0.00
<del>49940.000</del>	<del>85.13</del>	<del>85.60</del>	<del>51.90</del>	<del>0.00</del>
50015.000	71.54	71.80	51.90	88.00
50015.000	76.98	77.34	51.90	88.00
<del>50015.000</del>	<del>79.39</del>	<del>79.78</del>	<del>51.90</del>	<del>88.00</del>
50015.000	85.19	85.66	51.90	88.00

	CWEL	EG	ELMIN	ELLC
<del>50050.000</del>	<del>71.52</del>	<del>71.85</del>	<del>52.00</del>	<del>0.00</del>
50050.000	76.93	77.41	52.00	0.00
<del>50050.000</del>	<del>79.32</del>	<del>79.86</del>	<del>52.00</del>	<del>0.00</del>
50050.000	85.11	85.74	52.00	0.00
<del>50360.000</del>	<del>71.88</del>	<del>72.08</del>	<del>52.60</del>	<del>0.00</del>
50360.000	77.36	77.67	52.60	0.00
<del>50360.000</del>	<del>79.77</del>	<del>80.12</del>	<del>52.60</del>	<del>0.00</del>
50360.000	85.53	85.99	52.60	0.00
<del>53230.000</del>	<del>73.63</del>	<del>73.93</del>	<del>56.40</del>	<del>0.00</del>
53230.000	79.08	79.48	56.40	0.00
<del>53230.000</del>	<del>81.45</del>	<del>81.88</del>	<del>56.40</del>	<del>0.00</del>
53230.000	87.13	87.57	56.40	0.00
<del>54740.000</del>	<del>74.67</del>	<del>74.95</del>	<del>57.80</del>	<del>0.00</del>
54740.000	80.10	80.39	57.80	0.00
<del>54740.000</del>	<del>82.46</del>	<del>82.74</del>	<del>57.80</del>	<del>0.00</del>
54740.000	88.05	88.31	57.80	0.00
<del>54831.000</del>	<del>74.72</del>	<del>75.63</del>	<del>58.80</del>	<del>0.00</del>
54831.000	80.10	80.48	58.80	0.00
<del>54831.000</del>	<del>82.44</del>	<del>82.84</del>	<del>58.80</del>	<del>0.00</del>
54831.000	87.94	88.43	58.80	0.00
<del>54881.000</del>	<del>74.69</del>	<del>75.13</del>	<del>59.40</del>	<del>0.00</del>
54881.000	80.13	80.54	59.40	0.00
<del>54881.000</del>	<del>82.47</del>	<del>82.88</del>	<del>59.40</del>	<del>0.00</del>
54881.000	88.01	88.47	59.40	0.00
<del>54899.000</del>	<del>74.77</del>	<del>75.20</del>	<del>59.40</del>	<del>92.50</del>
54899.000	80.18	80.58	59.40	92.50
<del>54899.000</del>	<del>82.51</del>	<del>82.92</del>	<del>59.40</del>	<del>92.50</del>
54899.000	88.05	88.51	59.40	92.50
<del>54949.000</del>	<del>75.03</del>	<del>75.28</del>	<del>57.80</del>	<del>0.00</del>
54949.000	80.31	80.44	57.80	0.00
<del>54949.000</del>	<del>82.60</del>	<del>82.96</del>	<del>57.80</del>	<del>0.00</del>
54949.000	88.08	88.54	57.80	0.00
<del>55500.000</del>	<del>75.40</del>	<del>75.46</del>	<del>56.20</del>	<del>0.00</del>
55500.000	80.75	80.83	56.20	0.00
<del>55500.000</del>	<del>83.07</del>	<del>83.17</del>	<del>56.20</del>	<del>0.00</del>
55500.000	88.63	88.76	56.20	0.00
<del>55572.000</del>	<del>75.37</del>	<del>75.48</del>	<del>61.60</del>	<del>0.00</del>
55572.000	80.69	80.87	61.60	0.00
<del>55572.000</del>	<del>83.00</del>	<del>83.22</del>	<del>61.60</del>	<del>0.00</del>
55572.000	88.53	88.84	61.60	0.00
<del>55573.000</del>	<del>75.48</del>	<del>78.15</del>	<del>68.80</del>	<del>78.00</del>
55573.000	79.24	81.85	68.80	78.00
<del>55573.000</del>	<del>81.60</del>	<del>84.15</del>	<del>68.80</del>	<del>78.00</del>
55573.000	88.12	89.11	68.80	78.00

115910

SENO	ENSEL	EG	ELMIN	ELLC
55577.000	76.47	78.34	68.80	78.00
55577.000	79.33	81.89	68.80	78.00
55577.000	81.69	84.26	68.80	78.00
55577.000	88.14	89.13	68.80	78.00
55578.000	78.63	78.70	61.60	0.00
55578.000	82.22	82.37	61.60	0.00
55578.000	84.48	84.67	61.60	0.00
55578.000	88.90	89.27	61.60	0.00
55588.000	78.63	78.70	61.60	0.00
55588.000	82.24	82.38	61.60	0.00
55588.000	84.51	84.67	61.60	0.00
55588.000	89.07	89.29	61.60	0.00
55628.000	78.64	78.71	61.60	0.00
55628.000	82.25	82.39	61.60	0.00
55628.000	84.52	84.68	61.60	0.00
55628.000	89.09	89.30	61.60	0.00
57775.000	79.24	79.90	69.90	0.00
57775.000	83.18	84.07	69.90	0.00
57775.000	85.46	86.37	69.90	0.00
57775.000	90.08	91.08	69.90	0.00
61170.000	83.66	83.82	71.60	0.00
61170.000	87.55	87.80	71.60	0.00
61170.000	89.49	89.77	71.60	0.00
61170.000	93.89	94.20	71.60	0.00
62436.000	84.35	84.55	69.20	0.00
62436.000	88.31	88.64	69.20	0.00
62436.000	90.22	90.35	69.20	0.00
62436.000	94.64	94.75	69.20	0.00
62486.000	84.27	84.68	69.10	0.00
62486.000	88.20	88.79	69.10	0.00
62486.000	90.21	90.39	69.10	0.00
62486.000	94.64	94.77	69.10	0.00
62513.000	84.43	84.82	69.10	88.20
62513.000	88.42	88.99	69.10	88.20
62513.000	90.78	90.93	69.10	88.20
62513.000	94.93	95.05	69.10	88.20
62563.000	84.71	84.91	69.50	0.00
62563.000	88.80	89.09	69.50	0.00
62563.000	90.82	90.95	69.50	0.00
62563.000	94.96	95.07	69.50	0.00
62650.000	84.77	84.90	70.00	0.00
62650.000	88.84	89.16	70.00	0.00
62650.000	90.71	91.10	70.00	0.00
62650.000	94.97	95.10	70.00	0.00



SECTO	ENSEL	EG	ELMIN	ELLE
62720.000	84.82	85.00	70.00	0.00
62720.000	88.90	89.21	70.00	0.00
62720.000	90.76	91.15	70.00	0.00
62720.000	94.71	95.33	70.00	0.00
63940.000	85.49	85.71	69.40	0.00
63940.000	89.67	89.86	69.40	0.00
63940.000	91.59	91.76	69.40	0.00
63940.000	95.81	95.96	69.40	0.00
66250.000	86.54	86.61	73.50	0.00
66250.000	90.56	90.69	73.50	0.00
66250.000	92.37	92.51	73.50	0.00
66250.000	96.46	96.66	73.50	0.00
66349.000	86.56	86.64	72.80	0.00
66349.000	90.54	90.72	72.80	0.00
66349.000	92.39	92.54	72.80	0.00
66349.000	96.47	96.71	72.80	0.00
66399.000	86.55	86.66	72.00	0.00
66399.000	90.55	90.76	72.00	0.00
66399.000	92.33	92.60	72.00	0.00
66399.000	96.37	96.81	72.00	0.00
66400.000	85.73	87.21	72.00	0.00
66400.000	89.78	91.28	72.00	0.00
66400.000	91.54	93.13	72.00	0.00
66400.000	95.39	97.46	72.00	0.00
66421.000	86.13	87.43	72.00	0.00
66421.000	89.99	91.42	72.00	0.00
66421.000	91.72	93.26	72.00	0.00
66421.000	95.57	97.60	72.00	0.00
66422.000	87.57	87.67	72.00	0.00
66422.000	91.40	91.67	72.00	0.00
66422.000	93.28	93.53	72.00	0.00
66422.000	97.52	97.92	72.00	0.00
66472.000	87.60	87.68	72.80	0.00
66472.000	91.56	91.69	72.80	0.00
66472.000	93.39	93.55	72.80	0.00
66472.000	97.71	97.97	72.80	0.00
66920.000	87.67	87.92	75.40	0.00
66920.000	91.62	91.90	75.40	0.00
66920.000	93.45	93.87	75.40	0.00
66920.000	97.78	98.33	75.40	0.00
66990.000	87.73	88.00	76.40	0.00
66990.000	91.75	92.06	76.40	0.00
66990.000	93.63	93.95	76.40	0.00
66990.000	98.09	98.43	76.40	0.00

PCNO	EWSEL	EG	ELHIN	ELLE
71960.000	93.77	94.16	77.60	0.00
71960.000	97.13	97.65	77.60	0.00
71960.000	98.66	99.21	77.60	0.00
71960.000	102.43	103.06	77.60	0.00
75780.000	96.67	96.80	79.70	0.00
75780.000	100.88	100.22	79.70	0.00
75780.000	101.54	101.69	79.70	0.00
75780.000	105.19	105.34	79.70	0.00
77387.000	97.59	97.41	81.00	0.00
77387.000	100.95	101.30	81.00	0.00
77387.000	102.39	102.73	81.00	0.00
77387.000	105.96	106.26	81.00	0.00
77437.000	97.79	97.97	81.00	0.00
77437.000	101.16	101.36	81.00	0.00
77437.000	102.57	102.78	81.00	0.00
77437.000	106.07	106.36	81.00	0.00
77463.000	97.80	97.98	81.00	99.75
77463.000	101.43	101.73	81.00	99.75
77463.000	103.09	103.27	81.00	99.75
77463.000	106.36	106.57	81.00	99.75
77513.000	97.74	98.08	81.50	0.00
77513.000	101.44	101.74	81.50	0.00
77513.000	103.04	103.35	81.50	0.00
77513.000	106.33	106.63	81.50	0.00
77590.000	97.80	98.19	82.00	0.00
77590.000	101.47	101.89	82.00	0.00
77590.000	103.06	103.45	82.00	0.00
77590.000	106.35	106.73	82.00	0.00

48590.000	70.32	74.38	5750.62	0.00	0.95	4.47	0.00	1.74	1.36
48590.000	75.65	200.89	9075.75	30.36	1.45	5.48	0.63	0.86	0.86
48590.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.63
48590.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.86	0.86
48590.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.63
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.63
48590.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.63
48590.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.00	0.63
48590.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.63
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.63
48550.000	70.33	74.53	5750.47	0.00	0.95	4.47	0.00	0.63	0.63
48550.000	75.66	281.88	9875.36	38.55	1.45	5.48	0.63	0.00	0.63
48550.000	78.01	416.00	12062.04	131.97	1.59	5.94	0.86	0.00	0.63
48550.000	83.73	945.58	18018.12	756.36	1.76	6.97	1.36	0.00	0.63
48545.000	70.32	74.45	5750.54	0.00	0.95	4.47	0.00	0.63	0.63
48545.000	75.65	280.99	9875.56	30.45	1.43	5.48	0.63	0.00	0.63
48545.000	78.00	415.88	12062.34	131.78	1.59	5.94	0.86	0.00	0.63
48545.000	83.72	945.31	18018.81	735.88	1.76	6.97	1.36	0.00	0.63
48542.000	70.32	74.41	5750.59	0.00	0.95	4.47	0.00	0.63	0.63
48542.000	75.65	280.93	9875.68	30.40	1.43	5.48	0.63	0.00	0.63
48542.000	78.00	415.81	12062.51	131.68	1.59	5.94	0.86	0.00	0.63
48542.000	83.72	945.15	18019.21	735.63	1.76	6.97	1.36	0.00	0.63
48541.000	70.32	74.39	5750.61	0.00	0.95	4.47	0.00	0.63	0.63
48541.000	75.65	280.91	9875.72	30.36	1.43	5.48	0.63	0.00	0.63
48541.000	78.00	415.79	12062.57	131.64	1.59	5.94	0.86	0.00	0.63
48541.000	83.72	945.09	18019.36	735.55	1.76	6.97	1.36	0.00	0.63
48530.000	73.63	97.52	4368.81	103.67	1.05	4.46	1.42	0.00	0.63
48530.000	78.08	545.41	7272.89	286.61	1.26	5.25	1.80	0.00	0.63
48530.000	81.45	1041.00	8635.89	398.12	1.32	5.66	1.91	0.00	0.63
48520.000	87.13	2229.49	11822.94	457.57	1.65	6.15	1.42	0.00	0.63
50360.000	71.88	0.00	4570.00	0.00	0.00	2.60	0.00	0.00	0.00
50360.000	77.36	9.97	8083.69	11.34	0.46	4.46	0.33	0.00	0.00
50360.000	78.77	39.58	9946.46	88.95	0.66	4.82	0.55	0.00	0.00
50360.000	85.53	269.89	14923.87	716.24	1.13	5.60	1.20	0.00	0.00
50050.000	71.52	0.00	5570.77	254.23	0.00	4.72	1.39	0.00	0.00
50050.000	76.93	0.00	9478.79	716.21	0.00	5.70	1.93	0.00	0.00
50050.000	79.32	0.00	11538.09	1071.91	0.00	6.14	2.07	0.00	0.00
50050.000	85.11	0.00	16846.04	2853.96	0.00	6.80	2.23	0.00	0.00
50015.000	71.54	0.00	5825.00	0.00	0.00	4.06	0.00	0.00	0.00
50015.000	76.98	0.00	10195.00	0.00	0.00	4.78	0.00	0.00	0.00
50015.000	79.39	0.00	12610.00	0.00	0.00	5.01	0.00	0.00	0.00
50015.000	85.19	0.00	19700.00	0.00	0.00	5.50	0.00	0.00	0.00
49940.000	71.50	0.00	5825.00	0.00	0.00	4.07	0.00	0.00	0.00
49940.000	76.93	0.00	10195.00	0.00	0.00	4.80	0.00	0.00	0.00
49940.000	79.33	0.00	12610.00	0.00	0.00	5.03	0.00	0.00	0.00
49940.000	85.13	0.00	19700.00	0.00	0.00	5.52	0.00	0.00	0.00
49890.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.00
49890.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.00
49890.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.00	0.00
49890.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.00
48590.000	70.32	74.38	5750.62	0.00	0.95	4.47	0.00	0.63	0.63
48590.000	75.65	200.89	9075.75	30.36	1.45	5.48	0.63	0.00	0.63
48590.000	78.00	415.77	12062.63	131.60	1.59	5.94	0.86	0.00	0.63
48590.000	83.72	945.04	18019.49	735.47	1.76	6.97	1.36	0.00	0.63
48540.000	70.32	74.38	5750.62	0.00	0.95	4.47	0.00	0.63	0.63
48540.000	75.65	200.89	9075.75	30.36	1.45	5.48	0.63	0.00	0.63
48540.000	78.00	415.77	12062.63	131.60	1.59	5.94	0.86	0.00	0.63
48540.000	83.72	945.04	18019.49	735.47	1.76	6.97	1.36	0.00	0.63
48541.000	70.32	74.39	5750.61	0.00	0.95	4.47	0.00	0.63	0.63
48541.000	75.65	280.91	9875.72	30.36	1.43	5.48	0.63	0.00	0.63
48541.000	78.00	415.79	12062.57	131.64	1.59	5.94	0.86	0.00	0.63
48541.000	83.72	945.09	18019.36	735.55	1.76	6.97	1.36	0.00	0.63
48542.000	70.32	74.41	5750.59	0.00	0.95	4.47	0.00	0.63	0.63
48542.000	75.65	280.93	9875.68	30.40	1.43	5.48	0.63	0.00	0.63
48542.000	78.00	415.81	12062.51	131.68	1.59	5.94	0.86	0.00	0.63
48542.000	83.72	945.15	18019.21	735.63	1.76	6.97	1.36	0.00	0.63
48545.000	70.32	74.45	5750.54	0.00	0.95	4.47	0.00	0.63	0.63
48545.000	75.65	280.99	9875.56	30.45	1.43	5.48	0.63	0.00	0.63
48545.000	78.00	415.88	12062.34	131.78	1.59	5.94	0.86	0.00	0.63
48545.000	83.72	945.31	18018.81	735.88	1.76	6.97	1.36	0.00	0.63
48550.000	70.33	74.53	5750.47	0.00	0.95	4.47	0.00	0.63	0.63
48550.000	75.66	281.88	9875.36	38.55	1.45	5.48	0.63	0.00	0.63
48550.000	78.01	416.00	12062.04	131.97	1.59	5.94	0.86	0.00	0.63
48550.000	83.73	945.58	18018.12	756.36	1.76	6.97	1.36	0.00	0.63
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.00
48590.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.00
48590.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.00	0.00
48590.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.00
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.00
48590.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.00
48590.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.00	0.00
48590.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.00
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.00
48590.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.00
48590.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.00	0.00
48590.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.00
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.00
48590.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.00
48590.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.00	0.00
48590.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.00
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.00
48590.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.00
48590.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.00	0.00
48590.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.00
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.00
48590.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.00
48590.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.00	0.00
48590.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.00
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.00
48590.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.00
48590.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.00	0.00
48590.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.00
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.00
48590.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.00
48590.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.00	0.00
48590.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.00
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.00
48590.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.00
48590.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.00	0.00
48590.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.00
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.00
48590.000	76.77	0.00	9319.75	875.25	0.00	5.66	2.37	0.00	0.00
48590.000	79.14	0.00	11304.74	1303.26	0.00	6.05	2.55	0.00	0.00
48590.000	84.97	0.00	10268.07	3431.93	0.00	6.61	2.69	0.00	0.00
48590.000	71.39	0.00	5511.50	313.50	0.00	4.60	1.74	0.00	0.00
48590.000	76.77	0.00	931						

SENO	CHSE	OLON	ACH	CFOS	VLOR	VET	VFLD
54740.000	74.67	125.13	4342.25	144.42	0.86	4.38	0.83
54740.000	80.10	1288.91	6395.01	421.08	0.86	4.85	1.29
54740.000	82.46	2298.69	7216.73	565.58	1.02	6.93	1.36
54740.000	88.05	5491.27	9436.05	982.68	1.33	9.21	1.53
54831.000	74.72	133.53	4271.54	164.93	1.18	4.63	1.37
54831.000	80.10	733.81	6761.77	616.26	1.18	5.14	2.09
54831.000	82.44	1331.53	7879.22	864.25	1.39	5.63	2.30
54831.000	87.99	3308.12	10561.16	1636.72	1.84	6.28	2.75
54881.000	74.69	0.00	4570.00	0.00	0.00	5.22	0.00
54881.000	80.13	0.00	8105.00	0.00	0.00	5.14	0.00
54881.000	82.47	0.00	10075.00	0.00	0.00	5.15	0.00
54881.000	88.01	0.00	15910.00	0.00	0.00	5.44	0.00
54899.000	74.77	0.00	4570.00	0.00	0.00	5.27	0.00
54899.000	80.18	0.00	8105.00	0.00	0.00	5.11	0.00
54899.000	82.51	0.00	10075.00	0.00	0.00	5.13	0.00
54899.000	88.05	0.00	15516.00	0.00	0.00	5.43	0.00
54949.000	75.03	178.73	4192.74	193.53	1.21	4.10	1.22
54949.000	80.31	833.97	6670.05	545.98	1.39	5.01	1.78
54949.000	82.60	1387.16	7896.76	827.14	1.64	5.76	2.00
54949.000	88.08	3026.37	11355.67	1512.96	2.20	6.27	2.50
55500.000	75.40	255.98	4262.78	26.24	0.58	1.94	0.27
55500.000	80.75	725.74	7141.59	232.60	0.86	2.04	0.60
55500.000	83.07	1012.71	8660.14	392.16	0.98	2.68	0.72
55500.000	88.63	2160.12	12731.66	999.22	1.03	3.20	0.95
55572.000	75.37	69.25	4445.75	0.00	0.49	2.77	0.00
55572.000	80.69	271.33	7828.67	0.00	0.65	3.47	0.00
55572.000	83.00	421.49	9639.39	0.22	0.73	3.81	0.17
55572.000	88.53	1108.02	14686.24	100.73	0.68	4.60	0.29
55573.000	75.48	1281.75	3283.25	0.00	8.80	14.43	0.00
55573.000	79.24	3223.88	4874.01	0.00	9.79	14.69	0.00
55573.000	81.60	5203.87	4853.82	7.32	10.91	14.62	1.22
55573.000	88.12	9796.62	5735.10	768.98	6.40	10.68	2.70
55577.000	76.47	1301.07	3267.93	0.00	7.17	12.16	0.00
55577.000	79.33	3262.69	4837.31	0.00	9.76	14.57	0.00
55577.000	81.69	5243.36	4812.18	9.25	10.86	14.49	1.30
55577.000	88.14	9786.09	5339.06	769.85	6.39	10.68	2.69
55578.000	78.63	118.70	4446.30	0.00	0.40	2.21	0.00
55578.000	82.22	316.50	7781.97	1.53	0.61	3.15	0.11
55578.000	84.48	476.25	9578.91	9.84	0.67	3.54	0.21
55578.000	88.98	1148.11	10626.47	119.42	0.60	4.51	0.22
55588.000	78.63	222.81	4342.19	0.00	0.70	2.16	0.00
55588.000	82.24	613.60	7482.54	3.86	1.18	3.06	0.27
55588.000	84.51	936.91	9102.52	24.56	1.30	3.36	0.51
55588.000	89.07	2474.51	13098.59	321.90	1.41	4.02	0.72

55000	CHSE	GL08	GEN	GR08	VL08	VCF	VR08
55628.000	78.54	222.43	4342.07	0.60	0.76	2.16	0.00
55628.000	82.25	613.98	7482.13	3.89	1.18	3.06	0.27
55628.000	84.52	936.81	9103.64	24.55	1.30	3.36	0.51
55628.000	89.09	2476.24	13095.85	322.92	1.41	4.02	0.72
57775.000	79.24	14.44	4496.39	54.17	1.13	6.84	1.71
57775.000	83.18	131.15	7782.53	186.32	1.83	7.75	2.11
57775.000	85.46	289.11	9482.13	293.76	1.63	7.87	2.21
57775.000	90.08	1416.41	13822.57	656.01	1.88	8.58	2.47
61170.000	83.66	25.40	4506.92	32.66	0.56	3.28	0.62
61170.000	87.55	291.43	7702.49	106.08	0.67	4.16	0.85
61170.000	89.49	635.10	9269.92	159.96	0.84	4.42	0.93
61170.000	93.89	1965.50	13584.31	345.19	1.16	5.14	1.13
62436.000	84.35	1.31	4404.45	159.24	0.30	3.64	1.03
62436.000	88.31	70.56	7614.04	415.46	0.78	4.75	1.52
62436.000	90.22	1055.91	6535.75	2473.34	0.71	3.64	1.09
62436.000	94.64	3249.54	8013.26	4632.14	0.97	3.58	1.24
62486.000	84.27	0.00	4565.00	0.00	0.00	5.15	0.00
62486.000	88.20	0.00	8100.00	0.00	0.00	6.17	0.00
62486.000	90.21	1313.00	6290.02	2361.96	0.80	4.16	1.20
62486.000	94.64	3658.37	7909.85	4326.78	1.06	3.91	1.29
62513.000	84.43	0.00	4565.00	0.00	0.00	5.06	0.00
62513.000	88.42	0.00	8100.00	0.00	0.00	6.05	0.00
62513.000	90.78	1478.03	6151.35	2435.62	0.82	3.85	1.15
62513.000	94.93	3732.40	7813.85	4348.75	1.04	3.80	1.26
62563.000	84.71	1.40	4352.94	195.66	0.30	4.50	0.91
62563.000	88.80	100.09	7315.17	659.74	0.78	4.51	1.43
62563.000	90.82	1138.49	6387.47	2514.05	0.71	3.50	1.06
62563.000	94.96	3245.03	7984.26	4620.71	0.97	3.57	1.24
62650.000	84.77	0.65	4280.62	268.72	0.24	3.66	0.67
62650.000	88.84	54.19	7500.44	520.37	0.68	4.76	1.38
62650.000	90.71	122.05	9168.70	749.24	0.94	5.20	1.60
62650.000	94.97	2956.07	8547.84	4346.09	0.94	3.90	1.22
62720.000	84.82	59.96	4410.13	71.91	0.74	3.50	0.84
62720.000	88.90	196.04	7684.63	194.33	1.21	4.62	1.18
62720.000	90.76	287.07	9470.67	242.26	1.03	5.13	1.32
62720.000	94.71	566.54	14677.61	605.85	2.00	6.57	1.80
63940.000	85.49	37.35	4496.90	15.75	0.67	3.73	0.21
63940.000	89.67	128.89	6544.09	1402.03	0.80	4.91	0.67
63940.000	91.59	186.40	7245.28	2558.33	0.82	3.86	0.80
63940.000	95.81	373.14	9418.97	6057.85	0.90	4.99	1.00
66250.000	86.54	629.10	3840.81	80.09	0.46	2.29	0.54
66250.000	90.56	870.25	6912.34	292.41	0.84	3.02	0.92
66250.000	92.37	1215.67	8386.74	437.59	0.95	4.28	1.02
66250.000	96.46	2252.51	12637.83	959.66	1.25	3.97	1.25

ACCT NO	CHRG	BLGB	ACH	GRGB	VLGB	VCL	VFB
66349.000	86.56	108.58	4234.76	116.65	0.71	2.37	0.71
66349.000	90.59	486.97	7244.40	343.63	1.01	3.02	1.08
66349.000	92.38	652.77	8987.11	480.12	1.14	3.34	1.25
66349.000	96.07	1144.00	13809.83	896.17	1.48	4.20	1.66
66399.000	86.55	0.00	4550.00	0.00	0.00	2.75	0.00
66399.000	88.55	0.00	8075.00	0.00	0.00	2.70	0.00
66399.000	92.33	0.00	10040.00	0.00	0.00	4.15	0.00
66399.000	96.37	0.00	15850.00	0.00	0.00	5.37	0.00
66400.000	85.73	0.00	4550.00	0.00	0.00	9.78	0.00
66400.000	89.78	0.00	8075.00	0.00	0.01	9.82	0.00
66400.000	91.54	0.00	10040.00	0.00	0.01	10.14	0.00
66400.000	95.39	0.01	15849.99	0.00	0.08	11.56	0.00
66421.000	86.13	0.00	4550.00	0.00	0.00	9.14	0.00
66421.000	89.99	0.00	8075.00	0.00	0.01	9.59	0.00
66421.000	91.72	0.00	10040.00	0.00	0.01	9.97	0.00
66421.000	95.57	0.01	15849.99	0.00	0.08	11.41	0.00
66422.000	87.57	0.00	4550.00	0.00	0.00	2.54	0.00
66422.000	91.48	0.00	8075.00	0.00	0.00	3.50	0.00
66422.000	93.28	0.00	10040.00	0.00	0.00	3.94	0.00
66422.000	97.52	0.00	15850.00	0.00	0.00	5.11	0.00
66472.000	87.60	0.00	4395.77	154.23	0.00	2.26	0.74
66472.000	91.56	0.00	7627.62	447.30	0.00	3.00	1.13
66472.000	93.39	0.00	9404.38	635.62	0.00	3.33	1.32
66472.000	97.71	0.00	14622.27	1227.73	0.00	4.20	1.78
66920.000	87.67	20.13	4229.25	300.62	0.73	4.13	1.09
66920.000	91.62	93.90	7128.79	852.31	1.26	5.12	1.51
66920.000	93.45	144.98	8682.96	1212.06	1.43	5.56	1.68
66920.000	97.78	466.53	12868.72	2514.75	1.24	6.55	1.92
66990.000	87.73	305.13	3786.92	457.95	1.05	4.52	0.65
66990.000	91.75	924.23	6035.92	1114.85	1.47	5.11	1.28
66990.000	93.63	1267.04	7131.96	1641.00	1.60	5.32	1.45
66990.000	98.09	2173.46	9918.63	3556.91	1.91	5.77	1.75
71960.000	93.77	7.51	3885.32	657.18	0.26	5.36	1.51
71960.000	97.13	548.31	6091.04	1435.64	1.04	6.56	2.01
71960.000	98.66	1045.13	7130.53	1864.34	1.33	6.98	2.18
71960.000	102.43	2810.65	9882.71	3156.64	1.91	7.89	2.58
75780.000	96.67	1063.16	3369.07	117.77	0.87	3.37	0.60
75780.000	100.08	2890.64	4812.27	372.09	0.91	3.85	0.90
75780.000	101.54	4089.91	5434.11	515.97	0.98	4.01	1.00
75780.000	105.19	7839.79	7057.65	952.56	1.19	4.35	1.21
77387.000	97.59	506.80	3943.70	99.50	1.17	4.88	0.61
77387.000	100.95	1643.01	5691.54	740.45	1.35	5.59	1.05
77387.000	102.39	2372.52	6375.25	1292.23	1.46	5.76	1.15
77387.000	105.96	4686.08	7938.58	3225.34	1.66	5.98	1.47

	CASH	DEBN	ACH	DRUD	VLOR	VGH	VFOR
	0.00	0.00	4550.00	0.00	0.00	3.44	0.00
7757.000	101.16	610.35	7006.71	457.94	0.82	3.90	0.75
	102.57	1007.61	6182.96	849.42	0.94	4.11	0.84
7757.000	106.07	2407.92	11101.25	2340.83	1.18	4.47	1.09
7763.000	97.80	0.00	4550.00	0.00	0.00	3.43	0.00
	101.43	0.00	8075.00	0.00	0.00	4.40	0.00
7763.000	103.09	1092.28	7993.26	954.46	0.91	3.87	0.82
	106.36	2463.94	10976.33	2409.73	1.16	4.35	1.08
7753.000	97.74	460.24	3932.24	77.52	1.20	5.00	0.59
7753.000	101.44	1612.86	5601.62	725.52	1.33	5.51	1.03
	103.09	2362.17	6205.17	1307.66	1.41	5.56	1.12
7753.000	106.35	4585.33	7876.94	3142.73	1.66	5.97	1.46
7759.000	97.80	384.47	4034.63	50.90	1.17	5.31	0.53
	101.47	1418.63	5926.11	595.27	1.31	6.00	1.00
7759.000	103.06	2138.47	6617.68	1118.85	1.40	6.09	1.09
	106.35	4275.27	8449.34	2880.39	1.64	6.55	1.43

SECNO	CHSEL	SSTA	STCHL	STCHK	LEADST	TOPWID
48540.000	70.32	1111.22	1130.00	1227.00	1224.27	113.04
48540.000	75.65	1104.33	1130.00	1227.00	1255.80	151.47
48540.000	78.00	1101.29	1130.00	1227.00	1276.79	175.69
48540.000	83.72	1055.47	1130.00	1227.00	1300.00	244.53
48541.000	70.32	1111.22	1130.00	1227.00	1224.27	113.05
48541.000	75.65	1104.33	1130.00	1227.00	1255.81	151.48
48541.000	78.00	1101.29	1130.00	1227.00	1276.79	175.50
48541.000	83.72	1055.46	1130.00	1227.00	1300.00	244.54
48542.000	70.32	1111.22	1130.00	1227.00	1224.27	113.05
48542.000	75.65	1104.33	1130.00	1227.00	1255.82	151.49
48542.000	78.00	1101.29	1130.00	1227.00	1276.80	175.51
48542.000	83.72	1055.46	1130.00	1227.00	1300.00	244.54
48543.000	70.32	1111.22	1130.00	1227.00	1224.28	113.06
48543.000	75.65	1104.33	1130.00	1227.00	1255.84	151.51
48543.000	78.00	1101.29	1130.00	1227.00	1276.82	175.53
48543.000	83.72	1055.43	1130.00	1227.00	1300.00	244.57
48550.000	70.33	1111.21	1130.00	1227.00	1224.29	113.08
48550.000	75.66	1104.32	1130.00	1227.00	1255.88	151.56
48550.000	78.01	1101.28	1130.00	1227.00	1276.86	175.58
48550.000	83.73	1055.39	1130.00	1227.00	1300.00	244.61
49890.000	71.39	1083.35	1050.00	1166.00	1193.68	110.32
49890.000	76.77	1074.02	1050.00	1166.00	1211.09	137.07
49890.000	79.14	1069.89	1050.00	1166.00	1252.73	182.80
49890.000	84.97	1059.78	1050.00	1166.00	1300.00	240.22
49940.000	71.50	1430.26	1400.00	1600.00	1535.55	105.29
49940.000	76.93	1423.39	1400.00	1600.00	1575.07	151.60
49940.000	79.33	1420.34	1400.00	1600.00	1600.00	179.66
49940.000	85.13	1413.00	1400.00	1600.00	1600.00	187.00
50015.000	71.50	1430.20	1400.00	1600.00	1535.65	105.05
50015.000	76.98	1423.32	1400.00	1600.00	1575.21	151.50
50015.000	79.39	1420.27	1400.00	1600.00	1600.00	179.73
50015.000	85.19	1412.93	1400.00	1600.00	1600.00	187.07
50050.000	71.52	1083.30	1050.00	1166.00	1194.70	110.03
50050.000	76.93	1073.81	1050.00	1166.00	1211.39	137.08
50050.000	79.32	1069.75	1050.00	1166.00	1257.60	187.53
50050.000	85.11	1059.70	1050.00	1166.00	1300.00	240.30
50360.000	71.88	1122.00	1120.00	1224.00	1211.87	110.03
50360.000	77.36	1107.94	1120.00	1224.00	1257.77	147.33
50360.000	80.77	1099.75	1120.00	1224.00	1286.26	186.50
50360.000	85.53	1078.50	1120.00	1224.00	1300.00	221.50
53230.000	73.63	1036.85	1067.00	1137.00	1149.48	110.53
53230.000	79.08	940.40	1067.00	1137.00	1156.70	207.20
53230.000	81.45	891.00	1067.00	1137.00	1159.49	208.49
53230.000	87.13	855.00	1067.00	1137.00	1260.98	303.71



ACNO	ENDEL	SGTA	STEHL	STCHR	ENDEL	TOPWID
54740.000	74.67	1254.61	1385.00	1447.00	1476.99	122.38
54740.000	80.10	1068.75	1385.00	1447.00	1482.89	414.14
54740.000	82.46	1068.24	1385.00	1447.00	1485.46	425.21
54740.000	88.05	1040.10	1385.00	1447.00	1488.00	447.90
54831.000	74.72	1364.11	1385.00	1447.00	1475.96	111.86
54831.000	80.10	1242.00	1385.00	1447.00	1481.81	239.81
54831.000	82.44	1242.00	1385.00	1447.00	1484.35	242.35
54831.000	87.99	1242.00	1385.00	1447.00	1488.00	246.00
54881.000	74.69	1351.11	1300.00	1500.00	1444.76	93.65
54881.000	80.13	1300.00	1300.00	1500.00	1459.70	159.70
54881.000	82.47	1300.00	1300.00	1500.00	1466.12	166.12
54881.000	88.01	1300.00	1300.00	1500.00	1484.14	184.14
54899.000	74.77	1350.90	1300.00	1500.00	1444.97	94.07
54899.000	80.18	1300.00	1300.00	1500.00	1459.83	159.83
54899.000	82.51	1300.00	1300.00	1500.00	1466.25	166.25
54899.000	88.05	1300.00	1300.00	1500.00	1484.29	184.29
54949.000	75.03	1346.62	1385.00	1447.00	1477.28	130.76
54949.000	80.31	1285.00	1385.00	1447.00	1482.00	197.00
54949.000	82.60	1285.00	1385.00	1447.00	1482.00	197.00
54949.000	88.08	1285.00	1385.00	1447.00	1482.00	197.00
55500.000	75.40	1205.00	1272.00	1406.00	1450.00	245.01
55500.000	80.75	1192.24	1272.00	1406.00	1470.80	270.56
55500.000	83.07	1188.09	1272.00	1406.00	1479.82	291.73
55500.000	88.63	1045.00	1272.00	1406.00	1569.64	476.71
55572.000	75.37	1205.16	1278.00	1397.00	1397.00	188.40
55572.000	80.69	1192.33	1278.00	1397.00	1397.00	182.80
55572.000	83.06	1188.21	1278.00	1397.00	1428.27	208.05
55572.000	88.53	1045.00	1278.00	1397.00	1562.83	517.83
55573.000	75.48	1204.58	1278.00	1397.00	1397.00	150.07
55573.000	79.24	1194.93	1278.00	1397.00	1397.00	176.70
55573.000	81.60	1190.72	1278.00	1397.00	1426.15	199.41
55573.000	88.12	1045.00	1278.00	1397.00	1547.09	502.09
55577.000	76.47	1199.88	1278.00	1397.00	1397.00	163.54
55577.000	79.33	1194.77	1278.00	1397.00	1397.00	176.93
55577.000	81.69	1190.56	1278.00	1397.00	1426.28	199.98
55577.000	88.14	1045.00	1278.00	1397.00	1547.28	502.28
55578.000	78.63	1196.02	1278.00	1397.00	1397.00	175.13
55578.000	82.22	1189.54	1278.00	1397.00	1427.10	203.07
55578.000	84.48	1081.90	1278.00	1397.00	1430.51	300.33
55578.000	88.98	1045.00	1278.00	1397.00	1579.93	530.93
55588.000	78.63	1196.01	1278.00	1397.00	1397.00	175.13
55588.000	82.24	1189.57	1278.00	1397.00	1427.12	203.54
55588.000	84.51	1080.54	1278.00	1397.00	1430.56	301.85
55588.000	89.07	1045.00	1278.00	1397.00	1583.57	538.57

ITEM	ENDEL	BBTA	STEHL	STEHR	ENDEL	TOP, ID
55628.000	78.64	1196.01	1278.00	1397.60	1397.60	175.14
55628.000	82.25	1189.56	1278.00	1397.00	1427.13	203.58
55628.000	84.52	1080.59	1278.00	1397.00	1430.55	303.75
55628.000	89.09	1045.00	1278.00	1397.00	1503.88	538.88
57775.000	79.24	1128.59	1138.00	1226.00	1237.20	108.61
57775.000	83.18	1116.80	1138.00	1226.00	1243.54	126.74
57775.000	85.46	1059.95	1138.00	1226.00	1248.13	188.18
57775.000	90.68	1000.00	1138.00	1226.00	1266.64	266.64
61170.000	83.66	1534.67	1553.00	1677.00	1691.52	156.85
61170.000	87.55	1399.41	1553.00	1677.00	1699.28	299.88
61170.000	89.44	1371.56	1553.00	1677.00	1703.14	331.62
61170.000	93.89	1308.74	1553.00	1677.00	1711.98	403.24
62436.000	84.35	1494.52	1520.00	1620.00	1650.00	154.27
62436.000	88.31	1492.00	1520.00	1620.00	1650.00	158.00
62436.000	90.22	1117.01	1520.00	1620.00	1946.47	829.46
62436.000	94.64	1079.20	1520.00	1620.00	1954.74	875.53
62486.000	84.27	1520.33	1512.00	1622.00	1622.00	97.82
62486.000	88.20	1512.00	1512.00	1622.00	1622.00	110.00
62486.000	90.21	1099.19	1512.00	1622.00	1930.27	831.60
62486.000	94.64	1060.31	1512.00	1622.00	1937.91	877.60
62513.000	84.43	1518.73	1512.00	1622.00	1622.00	100.17
62513.000	88.42	1512.00	1512.00	1622.00	1622.00	110.00
62513.000	90.78	1094.29	1512.00	1622.00	1931.77	837.48
62513.000	94.93	1055.84	1512.00	1622.00	1946.05	890.17
62563.000	84.71	1494.41	1520.00	1620.00	1680.00	164.05
62563.000	88.80	1480.00	1520.00	1620.00	1680.00	200.00
62563.000	90.82	1114.36	1520.00	1620.00	1940.20	843.84
62563.000	94.96	1078.92	1520.00	1620.00	1954.76	875.84
62650.000	84.77	1495.25	1520.00	1620.00	1642.27	322.99
62650.000	88.84	1493.00	1520.00	1620.00	1670.00	177.00
62650.000	90.71	1493.00	1520.00	1620.00	1670.00	177.00
62650.000	94.97	1087.04	1520.00	1620.00	1954.00	866.97
62720.000	84.82	1556.81	1575.00	1673.00	1689.80	132.99
62720.000	88.90	1554.56	1575.00	1673.00	1697.24	142.69
62720.000	90.76	1554.30	1575.00	1673.00	1700.64	146.30
62720.000	94.71	1553.75	1575.00	1673.00	1707.75	154.00
63940.000	85.49	1081.27	1100.00	1212.00	1611.75	500.50
63940.000	89.67	1068.23	1100.00	1212.00	1779.15	710.92
63940.000	91.59	1062.22	1100.00	1212.00	1867.47	805.25
63940.000	95.81	1008.85	1100.00	1212.00	1911.73	862.88
66250.000	86.54	1301.77	1700.00	1852.00	1889.80	588.02
66250.000	90.56	1570.00	1700.00	1852.00	1907.18	557.18
66250.000	92.37	1570.00	1700.00	1852.00	1920.39	550.49
66250.000	96.46	1570.00	1700.00	1852.00	1950.57	560.57

CECNO	ENDEL	BETA	STEHL	STEHR	LADST	TOPKID
66349.000	84.56	1650.00	1700.00	1852.00	1890.00	240.00
66349.000	90.59	1650.00	1700.00	1852.00	1890.00	240.00
66349.000	92.39	1650.00	1700.00	1852.00	1890.00	240.00
66349.000	96.47	1650.00	1700.00	1852.00	1890.00	240.00
66399.000	86.55	1405.00	1405.00	1537.00	1537.00	132.00
66399.000	90.55	1405.00	1405.00	1537.00	1537.00	132.00
66399.000	92.33	1405.00	1405.00	1537.00	1537.00	132.00
66399.000	96.37	1405.00	1405.00	1537.00	1537.00	132.00
66400.000	85.73	1415.99	1405.00	1537.00	1503.98	78.00
66400.000	89.78	1404.99	1405.00	1537.00	1509.33	94.34
66400.000	91.54	1404.99	1405.00	1537.00	1511.64	96.65
66400.000	95.39	1404.97	1405.00	1537.00	1515.00	100.03
66421.000	86.13	1414.37	1405.00	1537.00	1504.52	80.15
66421.000	89.99	1404.99	1405.00	1537.00	1506.60	94.60
66421.000	91.72	1404.98	1405.00	1537.00	1511.87	96.89
66421.000	95.57	1404.97	1405.00	1537.00	1515.00	100.03
66422.000	87.57	1405.00	1405.00	1537.00	1537.00	132.00
66422.000	91.48	1405.00	1405.00	1537.00	1537.00	132.00
66422.000	93.20	1405.00	1405.00	1537.00	1537.00	132.00
66422.000	97.52	1405.00	1405.00	1537.00	1537.00	132.00
66472.000	87.60	1700.00	1700.00	1852.00	1895.67	195.67
66472.000	91.56	1700.00	1700.00	1852.00	1900.00	200.00
66472.000	93.39	1700.00	1700.00	1852.00	1900.00	200.00
66472.000	97.71	1700.00	1700.00	1852.00	1900.00	200.00
66920.000	87.67	1481.03	1492.00	1585.00	1608.71	187.81
66920.000	91.62	1478.89	1492.00	1585.00	1666.70	187.81
66920.000	93.05	1469.82	1492.00	1585.00	1675.03	205.20
66920.000	97.78	1356.22	1492.00	1585.00	1843.78	487.56
66990.000	87.73	1563.96	1645.00	1730.00	2123.23	559.27
66990.000	91.75	1566.00	1645.00	1730.00	1870.00	310.00
66990.000	93.63	1560.00	1645.00	1730.00	1870.00	310.00
66990.000	98.00	1552.00	1645.00	1730.00	1892.00	340.00
71960.000	93.77	1148.86	1281.00	1342.00	1419.00	309.91
71960.000	97.13	1114.12	1281.00	1342.00	1430.72	316.59
71960.000	98.66	1107.34	1281.00	1342.00	1435.00	328.40
71960.000	102.43	1091.31	1281.00	1342.00	1440.00	348.69
75780.000	96.67	1333.77	1662.00	1735.00	1793.81	460.64
75780.000	100.08	1009.91	1662.00	1735.00	1802.82	742.91
75780.000	101.54	1000.00	1662.00	1735.00	1805.65	805.65
75780.000	105.19	1000.00	1662.00	1735.00	1817.03	817.03
77387.000	97.59	1282.05	1438.00	1500.00	1596.85	414.90
77387.000	100.95	1163.10	1438.00	1500.00	1750.54	587.44
77387.000	102.39	1136.00	1438.00	1500.00	1800.00	660.00
77387.000	105.96	1078.42	1438.00	1500.00	1800.00	721.58

0000	0001	0014	0104	0105	0106	0107
77437.000	97.79	1330.00	1330.00	1470.00	1470.00	140.00
77437.000	101.16	1112.29	1330.00	1470.00	1718.65	606.36
77437.000	102.57	1087.61	1330.00	1470.00	1765.64	678.05
77437.000	106.07	1026.96	1330.00	1470.00	1817.26	790.30
77463.000	97.80	1330.00	1330.00	1470.00	1470.00	140.00
77463.000	101.43	1330.00	1330.00	1470.00	1470.00	140.00
77463.000	103.09	1077.99	1330.00	1470.00	1773.34	695.35
77463.000	106.36	1023.23	1330.00	1470.00	1821.49	798.25
77513.000	97.74	1303.63	1438.00	1500.00	1584.79	283.16
77513.000	101.44	1163.34	1438.00	1500.00	1749.34	565.99
77513.000	103.04	1153.27	1438.00	1500.00	1800.00	666.73
77513.000	106.33	1080.13	1438.00	1500.00	1800.00	719.87
77590.000	97.80	1329.36	1438.00	1500.00	1570.19	244.84
77590.000	101.47	1172.34	1438.00	1500.00	1706.02	553.69
77590.000	103.06	1142.29	1438.00	1500.00	1800.00	657.71
77590.000	106.35	1084.34	1438.00	1500.00	1860.00	713.62

SECNO	XLCH	ELTRD	ELLC	ELMIN	N	CASEL	CHRS	EG	10K+S	VCH	AREA	.01K
48540.000	0.00	0.00	0.00	51.50	5825.00	70.32	0.00	70.63	8.07	4.47	1365.60	2050.54
48540.000	0.00	0.00	0.00	51.50	10195.00	75.65	0.00	76.10	8.02	5.48	2060.39	3599.95
48540.000	0.00	0.00	0.00	51.50	12610.00	78.00	0.00	78.53	8.05	5.94	2444.58	4445.68
48540.000	0.00	0.00	0.00	51.50	19700.00	83.72	0.00	84.41	8.03	6.97	3662.84	6953.88
48541.000	1.00	0.00	0.00	51.50	5825.00	70.32	0.00	70.63	8.07	4.47	1365.70	2050.72
48541.000	1.00	0.00	0.00	51.50	10195.00	75.65	0.00	76.10	8.02	5.48	2060.51	3600.26
48541.000	1.00	0.00	0.00	51.50	12610.00	78.00	0.00	78.53	8.04	5.94	2444.72	4445.99
48541.000	1.00	0.00	0.00	51.50	19700.00	83.72	0.00	84.41	8.02	6.97	3663.03	6954.28
48542.000	1.00	0.00	0.00	51.50	5825.00	70.32	0.00	70.63	8.07	4.47	1365.79	2050.90
48542.000	1.00	0.00	0.00	51.50	10195.00	75.65	0.00	76.10	8.02	5.48	2060.64	3600.55
48542.000	1.00	0.00	0.00	51.50	12610.00	78.00	0.00	78.53	8.04	5.94	2444.87	4446.31
48542.000	1.00	0.00	0.00	51.50	19700.00	83.72	0.00	84.41	8.02	6.97	3663.25	6954.71
48545.000	3.00	0.00	0.00	51.50	5825.00	70.32	0.00	70.63	8.06	4.47	1366.07	2051.41
48545.000	3.00	0.00	0.00	51.50	10195.00	75.65	0.00	76.11	8.01	5.48	2061.02	3601.39
48545.000	3.00	0.00	0.00	51.50	12610.00	78.00	0.00	78.53	8.04	5.94	2445.30	4447.45
48545.000	3.00	0.00	0.00	51.50	19700.00	83.72	0.00	84.42	8.02	6.97	3663.85	6955.95
48550.000	5.00	0.00	0.00	51.50	5825.00	70.33	0.00	70.63	8.06	4.47	1366.54	2052.33
48550.000	5.00	0.00	0.00	51.50	10195.00	75.66	0.00	76.11	8.01	5.48	2061.65	3602.81
48550.000	5.00	0.00	0.00	51.50	12610.00	78.01	0.00	78.53	8.03	5.94	2446.04	4448.85
48550.000	5.00	0.00	0.00	51.50	19700.00	83.73	0.00	84.42	8.02	6.97	3664.89	6958.05
48890.000	1340.00	0.00	0.00	51.90	5825.00	71.39	0.00	71.71	7.94	4.68	1359.67	2069.11
48890.000	1340.00	0.00	0.00	51.90	10195.00	76.77	0.00	77.23	8.62	5.66	2015.61	3472.10
48890.000	1340.00	0.00	0.00	51.90	12610.00	79.10	0.00	79.66	8.83	5.05	2382.04	4202.92
48890.000	1340.00	0.00	0.00	51.90	19700.00	84.97	0.00	85.55	8.45	6.61	3733.35	6775.45
49940.000	50.00	0.00	0.00	51.90	5825.00	71.50	0.00	71.75	4.21	4.07	1430.62	2838.21
49940.000	50.00	0.00	0.00	51.90	10195.00	76.53	0.00	77.28	5.52	4.80	2125.73	4334.60
49940.000	50.00	0.00	0.00	51.90	12610.00	79.33	0.00	79.72	6.04	5.03	2508.60	5131.13
49940.000	50.00	0.00	0.00	51.90	19700.00	85.13	0.00	85.60	7.80	5.52	3570.95	6957.64
50015.000	75.00	91.60	88.00	51.90	5825.00	71.50	0.00	71.80	4.17	4.06	1435.51	2851.30
50015.000	75.00	91.60	88.00	51.90	10195.00	76.98	0.00	77.34	5.46	4.78	2134.11	4363.85
50015.000	75.00	91.60	88.00	51.90	12610.00	79.39	0.00	79.78	5.96	5.01	2518.81	5164.35
50015.000	75.00	91.60	88.00	51.90	19700.00	85.19	0.00	85.66	4.79	5.50	3582.06	9001.30
50050.000	35.00	0.00	0.00	52.00	5825.00	71.52	0.00	71.85	2.05	4.72	1362.84	2053.09
50050.000	35.00	0.00	0.00	52.00	10195.00	76.93	0.00	77.01	8.83	5.70	2024.47	3431.42
50050.000	35.00	0.00	0.00	52.00	12610.00	79.32	0.00	79.86	9.09	6.14	2396.71	4181.86
50050.000	35.00	0.00	0.00	52.00	19700.00	85.11	0.00	85.70	9.62	6.80	3744.32	6561.07
50360.000	310.00	0.00	0.00	52.60	4570.00	71.88	0.00	72.08	5.61	3.64	1256.19	1929.11
50360.000	310.00	0.00	0.00	52.60	8105.00	77.36	0.00	77.67	5.81	4.46	1869.21	3363.95
50360.000	310.00	0.00	0.00	52.60	10075.00	79.77	0.00	80.12	5.71	4.82	2286.16	4217.30
50360.000	310.00	0.00	0.00	52.60	15910.00	85.53	0.00	85.99	5.49	5.60	3501.55	6789.40
51270.000	2870.00	0.00	0.00	56.40	4570.00	73.63	0.00	73.93	7.13	4.46	1146.92	1710.92
51270.000	2870.00	0.00	0.00	56.40	8105.00	79.08	0.00	79.08	6.61	5.35	1952.75	3152.11
51270.000	2870.00	0.00	0.00	56.40	10075.00	81.45	0.00	81.88	6.35	5.66	2525.29	3998.43
51270.000	2870.00	0.00	0.00	56.40	15910.00	87.13	0.00	87.57	5.50	6.15	4404.61	6782.04



AMOUNT	VEH	ELTR	ELLC	ELMIN	R	CHSL	CHAS	EL	ICAS	VEH	AFIA	BLK
5528.000	40.00	0.00	0.00	61.60	4565.00	78.64	0.00	78.71	1.89	2.16	2308.05	3508.50
5528.000	40.00	0.00	0.00	61.60	8100.00	82.25	0.00	82.39	2.81	3.06	2979.20	4835.57
5528.000	40.00	0.00	0.00	61.60	10065.00	84.52	0.00	84.68	3.04	3.36	3079.57	5773.37
5528.000	40.00	0.00	0.00	61.60	15895.00	89.09	0.00	89.30	3.59	4.02	5458.59	8386.16
57775.000	2147.00	0.00	0.00	69.90	4565.00	79.24	0.00	79.96	37.32	6.84	702.00	747.64
57775.000	2147.00	0.00	0.00	69.90	8100.00	83.18	0.00	84.07	27.39	7.75	1163.52	1550.03
57775.000	2147.00	0.00	0.00	69.90	10065.00	85.46	0.00	86.37	22.04	7.87	1515.66	2143.81
57775.000	2147.00	0.00	0.00	69.90	15895.00	90.68	0.00	91.04	17.77	8.58	2631.93	3770.52
61170.000	3395.00	0.00	0.00	71.60	4565.00	83.66	0.00	83.82	5.22	3.23	1470.48	1997.85
61170.000	3395.00	0.00	0.00	71.60	8100.00	87.55	0.00	87.80	5.60	4.16	2411.87	3424.36
61170.000	3395.00	0.00	0.00	71.60	10065.00	89.69	0.00	89.77	5.70	4.02	3027.24	4736.75
61170.000	3395.00	0.00	0.00	71.60	15895.00	93.89	0.00	94.24	5.35	5.14	4643.09	6871.89
62436.000	1266.00	0.00	0.00	69.20	4565.00	84.35	0.00	84.55	6.18	3.60	1367.58	1836.41
62436.000	1266.00	0.00	0.00	69.20	8100.00	88.31	0.00	88.64	7.31	4.75	1966.60	2996.89
62436.000	1266.00	0.00	0.00	69.20	10065.00	90.22	0.00	90.35	3.70	3.64	5540.54	5233.14
62436.000	1266.00	0.00	0.00	69.20	15895.00	94.64	0.00	94.75	7.61	5.50	9300.65	9738.25
62486.000	50.00	0.00	0.00	69.10	4565.00	84.27	0.00	84.68	11.20	5.15	886.67	1363.80
62486.000	50.00	0.00	0.00	69.10	8100.00	88.20	0.00	88.79	11.12	6.17	1313.72	2429.17
62486.000	50.00	0.00	0.00	69.10	10065.00	90.21	0.00	90.39	0.68	0.16	5063.52	4984.65
62486.000	50.00	0.00	0.00	69.10	15895.00	94.64	0.00	94.77	2.49	3.91	8845.04	10069.81
62513.000	27.00	89.70	88.20	69.10	4565.00	84.43	0.00	84.82	10.88	5.06	902.56	1384.11
62513.000	27.00	89.70	88.20	69.10	8100.00	88.42	0.00	88.99	10.05	6.05	1338.81	2505.73
62513.000	27.00	89.70	88.20	69.10	10065.00	90.70	0.00	90.93	3.31	3.85	5540.65	5535.23
62513.000	27.00	89.70	88.20	69.10	15895.00	94.53	0.00	95.05	2.11	3.80	9098.04	10454.43
62563.000	50.00	0.00	0.00	69.50	4550.00	84.71	0.00	84.91	5.50	3.58	1435.58	1866.74
62563.000	50.00	0.00	0.00	69.50	8075.00	88.80	0.00	89.09	6.48	4.51	2213.49	3173.05
62563.000	50.00	0.00	0.00	69.50	10040.00	90.82	0.00	90.95	3.30	3.50	5798.00	5095.72
62563.000	50.00	0.00	0.00	69.50	15850.00	94.96	0.00	95.07	2.64	3.57	9319.19	9747.99
62650.000	87.00	0.00	0.00	70.00	4550.00	84.77	0.00	84.96	6.47	3.66	1571.96	1788.57
62650.000	87.00	0.00	0.00	70.00	8075.00	88.84	0.00	89.16	7.50	4.76	2032.74	2908.76
62650.000	87.00	0.00	0.00	70.00	10040.00	90.71	0.00	91.16	7.71	5.20	2364.53	3616.82
62650.000	87.00	0.00	0.00	70.00	15850.00	94.97	0.00	95.10	3.26	3.90	8903.28	8784.03
62720.000	70.00	0.00	0.00	70.00	4550.00	84.82	0.00	85.00	4.72	3.50	1425.88	2094.60
62720.000	70.00	0.00	0.00	70.00	8075.00	88.90	0.00	89.21	5.71	4.62	1990.60	3378.81
62720.000	70.00	0.00	0.00	70.00	10000.00	90.76	0.00	91.15	6.13	5.14	2259.87	4055.13
62720.000	70.00	0.00	0.00	70.00	15850.00	94.71	0.00	95.33	7.80	6.57	2853.92	5675.87
63940.000	1220.00	0.00	0.00	69.40	4550.00	85.49	0.00	85.71	7.13	3.73	1338.54	1704.17
63940.000	1220.00	0.00	0.00	69.40	8075.00	89.67	0.00	89.86	5.07	3.91	4517.10	3586.10
63940.000	1220.00	0.00	0.00	69.40	10040.00	91.54	0.00	91.76	4.21	3.86	5321.33	4893.29
63940.000	1220.00	0.00	0.00	69.40	15850.00	95.81	0.00	95.96	3.34	3.99	8825.88	8680.74
66250.000	2310.00	0.00	0.00	73.50	4550.00	86.50	0.00	86.61	2.51	2.29	4169.71	2074.28
66250.000	2310.00	0.00	0.00	73.50	8075.00	90.56	0.00	90.69	2.87	3.02	3646.29	4768.65
66250.000	2310.00	0.00	0.00	73.50	10040.00	92.47	0.00	92.51	2.50	3.28	4262.59	5895.19
66250.000	2310.00	0.00	0.00	73.50	15850.00	96.46	0.00	96.66	3.19	3.97	5759.68	8877.54

	WREN	ELTRD	ELCC	ELMIN	G	CWSEL	CRFAS	EG	ICK-F	VCH	AREA	01K
66349.000	99.00	0.00	0.00	72.80	4550.00	86.56	0.00	86.60	2.07	2.37	2226.16	2895.88
66349.000	99.00	0.00	0.00	72.80	8075.00	90.59	0.00	90.72	2.69	3.02	3195.78	4919.80
66349.000	99.00	0.00	0.00	72.80	10040.00	92.39	0.00	92.50	2.84	3.34	3627.42	5456.26
66349.000	99.00	0.00	0.00	72.80	15850.00	96.47	0.00	96.71	3.41	4.20	4605.52	8586.54
66399.000	50.00	0.00	0.00	72.00	4550.00	86.55	0.00	86.66	2.00	2.75	1655.84	3219.66
66399.000	50.00	0.00	0.00	72.00	8075.00	90.55	0.00	90.76	2.55	3.70	2180.58	5052.66
66399.000	50.00	0.00	0.00	72.00	10040.00	92.33	0.00	92.60	2.84	4.15	2419.88	5958.88
66399.000	50.00	0.00	0.00	72.00	15850.00	96.37	0.00	96.81	3.75	5.37	2951.96	8188.96
66400.000	1.00	0.00	0.00	72.00	4550.00	85.73	0.00	87.21	42.45	9.74	465.41	473.26
66400.000	1.00	0.00	0.00	72.00	8075.00	89.78	0.00	91.28	64.01	9.82	822.72	1009.53
66400.000	1.00	0.00	0.00	72.00	10040.00	91.50	0.00	91.13	58.58	10.14	990.20	1311.98
66400.000	1.00	0.00	0.00	72.00	15850.00	95.39	0.00	97.46	58.88	11.56	1371.37	2065.66
66421.000	21.00	0.00	0.00	72.00	4550.00	86.13	0.00	87.43	77.75	9.14	497.74	516.01
66421.000	21.00	0.00	0.00	72.00	8075.00	89.99	0.00	91.02	56.97	9.58	841.75	1042.78
66421.000	21.00	0.00	0.00	72.00	10040.00	91.72	0.00	93.26	55.81	9.97	1007.33	1343.92
66421.000	21.00	0.00	0.00	72.00	15850.00	95.57	0.00	97.66	56.83	11.41	1388.86	2102.45
66422.000	1.00	0.00	0.00	72.00	4550.00	87.57	0.00	87.67	1.55	2.54	1796.72	3658.74
66422.000	1.00	0.00	0.00	72.00	8075.00	91.48	0.00	91.67	2.14	3.50	2307.48	5519.47
66422.000	1.00	0.00	0.00	72.00	10040.00	93.28	0.00	93.53	2.01	3.94	2505.73	6464.47
66422.000	1.00	0.00	0.00	72.00	15850.00	97.52	0.00	97.92	3.19	5.11	3104.73	8871.68
66472.000	50.00	0.00	0.00	72.80	4550.00	87.60	0.00	87.68	2.17	2.26	2146.99	3085.70
66472.000	50.00	0.00	0.00	72.80	8075.00	91.56	0.00	91.69	2.75	3.00	2938.83	4871.02
66472.000	50.00	0.00	0.00	72.80	10040.00	93.39	0.00	93.55	3.00	3.33	3305.04	5798.56
66472.000	50.00	0.00	0.00	72.80	15850.00	97.71	0.00	97.97	3.73	4.20	4168.90	8205.61
66920.000	448.00	0.00	0.00	75.40	4550.00	87.67	0.00	87.92	8.49	4.13	1429.24	1561.46
66920.000	448.00	0.00	0.00	75.40	8075.00	91.62	0.00	91.99	8.70	5.12	2029.65	2737.00
66920.000	448.00	0.00	0.00	75.40	10040.00	93.45	0.00	93.87	8.79	5.56	2383.28	3386.00
66920.000	448.00	0.00	0.00	75.40	15850.00	97.78	0.00	98.33	8.99	6.55	3650.57	5286.63
66990.000	70.00	0.00	0.00	76.46	4550.00	87.73	0.00	88.00	12.01	4.52	1833.41	1312.65
66990.000	70.00	0.00	0.00	76.46	8075.00	91.75	0.00	92.08	9.76	5.11	2682.77	2584.11
66990.000	70.00	0.00	0.00	76.46	10040.00	93.63	0.00	93.95	8.95	5.32	3265.32	3359.72
66990.000	70.00	0.00	0.00	76.46	15850.00	97.09	0.00	98.43	7.53	5.77	4991.40	5775.21
71960.000	4970.00	0.00	0.00	77.60	4550.00	97.77	0.00	98.16	13.79	5.36	1189.46	1225.31
71960.000	4970.00	0.00	0.00	77.60	8075.00	97.13	0.00	97.65	14.79	6.56	2171.08	2099.55
71960.000	4970.00	0.00	0.00	77.60	10040.00	98.66	0.00	99.21	14.74	6.98	2663.36	2614.91
71960.000	4970.00	0.00	0.00	77.60	15850.00	102.43	0.00	103.06	14.37	7.89	3948.60	4180.73
75780.000	3820.00	0.00	0.00	79.70	4550.00	96.67	0.00	96.80	4.49	3.37	2417.61	2147.94
75780.000	3820.00	0.00	0.00	79.70	8075.00	100.66	0.00	100.22	4.47	3.85	4850.87	3864.64
75780.000	3820.00	0.00	0.00	79.70	10040.00	101.54	0.00	101.69	4.23	4.01	6028.35	4882.37
75780.000	3820.00	0.00	0.00	79.70	15850.00	105.19	0.00	105.14	3.92	4.35	8986.38	8003.70
77387.000	1607.00	0.00	0.00	81.00	4550.00	97.59	0.00	97.91	9.97	4.88	1407.02	1440.93
77387.000	1607.00	0.00	0.00	81.00	8075.00	100.95	0.00	101.36	4.66	5.59	2935.55	2597.73
77387.000	1607.00	0.00	0.00	81.00	10040.00	102.39	0.00	102.73	5.17	5.75	3856.25	3316.18
77387.000	1607.00	0.00	0.00	81.00	15850.00	105.96	0.00	106.26	7.74	5.98	6358.31	5696.97



AMOUNT	ELAD	ELLC	ELMIN	E	CHSEL	CHINS	EG	IGR-S	VEN	AREA	CHK	
77437.000	50.00	0.00	81.00	4550.00	97.74	0.00	97.97	4.09	3.44	1323.85	2147.56	
77437.000	50.00	0.00	81.00	8075.00	101.16	0.00	101.36	3.84	3.90	3155.87	4122.29	
77437.000	50.00	0.00	81.00	10040.00	102.57	0.00	102.76	3.76	4.11	4075.40	5222.12	
77437.000	50.00	0.00	81.00	15250.00	106.07	0.00	106.30	3.26	4.47	6663.28	8773.17	
77463.000	26.00	102.20	99.75	81.00	4550.00	97.80	0.00	97.90	4.47	3.43	1325.64	2152.38
77463.000	26.00	102.20	99.75	81.00	8075.00	101.43	0.00	101.73	4.02	0.00	1837.31	3678.96
77463.000	26.00	102.20	99.75	81.00	10040.00	103.09	0.00	103.27	3.13	3.87	4433.72	5676.00
77463.000	26.00	102.20	99.75	81.00	15250.00	106.36	0.00	106.57	3.62	4.35	6891.28	9114.21
77513.000	50.00	0.00	81.50	4470.00	97.74	0.00	98.04	10.86	5.00	1301.05	1356.45	
77513.000	50.00	0.00	81.50	7940.00	101.44	0.00	101.78	9.36	5.51	2927.81	2591.63	
77513.000	50.00	0.00	81.50	9875.00	103.60	0.00	103.35	8.05	5.56	3952.29	3796.57	
77513.000	50.00	0.00	81.50	15605.00	106.33	0.00	106.63	7.78	5.97	6243.87	5595.27	
77590.000	77.00	0.00	82.00	4470.00	97.80	0.00	98.19	12.66	5.31	1185.52	1240.37	
77590.000	77.00	0.00	82.00	7540.00	101.47	0.00	101.89	11.59	6.00	2661.05	2332.02	
77590.000	77.00	0.00	82.00	9875.00	103.66	0.00	103.45	10.52	6.09	3636.03	3045.02	
77590.000	77.00	0.00	82.00	15605.00	106.35	0.00	106.74	9.66	6.54	5898.89	5021.13	

SECNO	D	CHSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
48540.000	5825.00	70.32	0.00	0.00	0.00	113.04	0.00
48540.000	10195.00	75.65	5.33	0.00	0.00	151.47	0.00
48540.000	12610.00	78.00	2.35	0.00	0.00	175.49	0.00
48540.000	19700.00	83.72	5.72	0.00	0.00	244.53	0.00
48541.000	5825.00	70.32	0.00	0.00	0.00	113.05	1.00
48541.000	10195.00	75.65	5.33	0.00	0.00	151.48	1.00
48541.000	12610.00	78.00	2.35	0.00	0.00	175.50	1.00
48541.000	19700.00	83.72	5.72	0.00	0.00	244.54	1.00
48542.000	5825.00	70.32	0.00	0.00	0.00	113.05	1.00
48542.000	10195.00	75.65	5.33	0.00	0.00	151.49	1.00
48542.000	12610.00	78.00	2.35	0.00	0.00	175.51	1.00
48542.000	19700.00	83.72	5.72	0.00	0.00	244.54	1.00
48545.000	5825.00	70.32	0.00	0.00	0.00	113.06	3.00
48545.000	10195.00	75.65	5.33	0.00	0.00	151.51	3.00
48545.000	12610.00	78.00	2.35	0.00	0.00	175.53	3.00
48545.000	19700.00	83.72	5.72	0.00	0.00	244.57	3.00
48550.000	5825.00	70.33	0.00	0.00	0.00	113.08	5.00
48550.000	10195.00	75.66	5.33	0.00	0.00	151.56	5.00
48550.000	12610.00	78.01	2.35	0.00	0.00	175.58	5.00
48550.000	19700.00	83.73	5.72	0.00	0.00	244.61	5.00
49890.000	5825.00	71.39	0.00	1.06	0.00	110.22	1340.00
49890.000	10195.00	76.77	5.38	1.11	0.00	137.07	1340.00
49890.000	12610.00	79.10	2.38	1.10	0.00	162.80	1340.00
49890.000	19700.00	84.97	5.82	1.24	0.00	240.22	1340.00
49940.000	5825.00	71.50	0.00	0.11	0.00	105.29	50.00
49940.000	10195.00	76.93	5.43	0.16	0.00	151.68	50.00
49940.000	12610.00	79.33	2.41	0.19	0.00	179.66	50.00
49940.000	19700.00	85.13	5.79	0.16	0.00	187.00	50.00
50015.000	5825.00	71.54	0.00	0.05	0.00	105.45	75.00
50015.000	10195.00	76.98	5.44	0.06	0.00	151.90	75.00
50015.000	12610.00	79.39	2.41	0.06	0.00	175.73	75.00
50015.000	19700.00	85.19	5.80	0.06	0.00	187.07	75.00
50050.000	5825.00	71.52	0.00	-0.03	0.00	110.43	35.00
50050.000	10195.00	76.93	5.41	-0.05	0.00	137.08	35.00
50050.000	12610.00	79.32	2.39	-0.07	0.00	187.93	35.00
50050.000	19700.00	85.11	5.79	-0.07	0.00	240.30	35.00
50360.000	4570.00	71.88	0.00	0.36	0.00	95.83	310.00
50360.000	8105.00	77.36	5.48	0.43	0.00	149.33	310.00
50360.000	10075.00	79.77	2.41	0.45	0.00	196.52	310.00
50360.000	15910.00	85.53	5.77	0.42	0.00	221.50	310.00
53230.000	4570.00	73.63	0.00	1.75	0.00	112.63	2870.00
53230.000	8105.00	79.08	5.44	1.72	0.00	207.99	2870.00
53230.000	10075.00	81.45	2.37	1.68	0.00	268.49	2870.00
53230.000	15910.00	87.13	5.68	1.59	0.00	383.71	2870.00

		CHSEL	DIFWSP	DIFWGX	DIFKWS	TOPRID	XLEN
54740.000	8105.00	80.10	5.43	1.02	0.00	414.14	1510.00
54740.000	10075.00	82.46	2.36	1.01	0.00	425.21	1510.00
54740.000	15910.00	88.05	5.59	0.93	0.00	447.90	1510.00
54831.000	4570.00	74.72	0.00	0.05	0.00	111.86	91.00
54831.000	8105.00	80.10	5.38	0.00	5.38	249.81	91.00
54831.000	10075.00	82.44	2.34	-0.02	7.72	242.35	91.00
54831.000	15910.00	87.89	5.55	0.07	13.27	246.00	91.00
54881.000	4570.00	74.69	0.00	0.03	0.00	93.65	50.00
54881.000	8105.00	80.13	5.44	0.03	5.44	159.70	50.00
54881.000	10075.00	82.47	2.34	0.03	7.78	166.12	50.00
54881.000	15910.00	88.01	5.54	0.02	13.32	184.14	50.00
54899.000	4570.00	74.77	0.00	0.08	0.00	94.07	18.00
54899.000	8105.00	80.14	5.41	0.05	5.41	159.83	18.00
54899.000	10075.00	82.51	2.33	0.05	7.74	166.25	18.00
54899.000	15910.00	88.05	5.54	0.04	13.28	184.24	18.00
54949.000	4565.00	75.03	0.00	0.26	0.00	130.76	50.00
54949.000	8100.00	80.31	5.28	0.13	5.28	197.00	50.00
54949.000	10065.00	82.60	2.30	0.09	7.58	197.00	50.00
54949.000	15895.00	88.08	5.47	0.03	13.05	197.00	50.00
55500.000	4565.00	75.40	0.00	0.37	0.00	245.01	610.00
55500.000	8100.00	80.75	5.35	0.04	5.35	278.56	610.00
55500.000	10065.00	83.07	2.32	0.06	7.47	291.73	610.00
55500.000	15895.00	88.63	5.56	0.55	13.25	476.71	610.00
55572.000	4565.00	75.37	0.00	0.03	0.00	108.40	72.00
55572.000	8100.00	80.69	5.33	-0.05	5.33	182.80	72.00
55572.000	10065.00	83.00	2.31	-0.07	7.64	208.45	72.00
55572.000	15895.00	88.53	5.53	-0.10	13.17	517.83	72.00
55573.000	4565.00	75.48	0.00	0.12	0.00	150.07	1.00
55573.000	8100.00	79.30	3.75	-1.46	3.75	176.70	1.00
55573.000	10065.00	81.60	2.56	-1.40	6.11	199.41	1.00
55573.000	15895.00	88.12	6.52	-0.41	12.60	502.09	1.00
55577.000	4565.00	76.47	0.00	0.09	0.00	163.54	4.00
55577.000	8100.00	79.33	2.85	0.09	2.85	176.93	4.00
55577.000	10065.00	81.69	2.36	0.09	5.21	199.98	4.00
55577.000	15895.00	88.14	6.45	0.02	11.67	502.28	4.00
55578.000	4565.00	78.63	0.00	2.16	0.00	175.13	1.00
55578.000	8100.00	82.22	3.59	2.80	3.59	203.47	1.00
55578.000	10065.00	84.48	2.26	2.79	5.85	300.33	1.00
55578.000	15895.00	88.98	4.56	0.80	10.35	534.93	1.00
55588.000	4565.00	78.63	0.00	0.01	0.00	175.13	10.00
55588.000	8100.00	82.24	3.61	0.02	3.61	203.54	10.00
55588.000	10065.00	84.51	2.27	0.03	5.86	303.89	10.00
55588.000	15895.00	89.07	4.56	0.10	10.44	538.57	10.00

ACCT NO	AMOUNT	CRSEL	DIFWSP	DIFWGX	DIFKWS	TOPWID	XLCT
5528.000	4565.00	78.64	0.00	0.01	0.00	175.14	40.00
5528.000	8100.00	82.25	3.61	0.01	3.61	203.56	40.00
5528.000	10065.00	84.52	2.27	0.01	5.48	302.75	40.00
5528.000	15895.00	89.09	4.57	0.01	10.45	538.88	40.00
5775.000	4565.00	79.24	0.00	0.60	0.00	108.61	2147.00
5775.000	8100.00	83.18	3.93	0.92	3.93	126.74	2147.00
5775.000	10065.00	85.46	2.29	0.94	6.22	188.18	2147.00
5775.000	15895.00	90.08	4.62	0.99	10.84	266.64	2147.00
61170.000	4565.00	83.66	0.00	4.42	0.00	156.85	3395.00
61170.000	8100.00	87.55	3.89	4.37	3.89	299.88	3395.00
61170.000	10065.00	89.49	1.94	4.63	5.83	331.62	3395.00
61170.000	15895.00	93.89	4.40	3.81	10.23	403.24	3395.00
62436.000	4565.00	84.35	0.00	0.70	0.00	134.27	1266.00
62436.000	8100.00	88.31	3.95	0.76	3.95	158.00	1266.00
62436.000	10065.00	90.22	1.91	0.72	5.86	829.46	1266.00
62436.000	15895.00	94.64	4.42	0.75	10.20	875.53	1266.00
62486.000	4565.00	84.27	0.00	0.09	0.00	97.82	50.00
62486.000	8100.00	88.20	3.93	-0.11	3.93	110.00	50.00
62486.000	10065.00	90.21	2.02	0.00	5.94	831.08	50.00
62486.000	15895.00	94.64	4.43	0.00	10.37	877.60	50.00
62513.000	4565.00	84.43	0.00	0.16	0.00	100.17	27.00
62513.000	8100.00	88.42	4.00	0.23	4.00	110.00	27.00
62513.000	10065.00	90.78	2.36	0.57	6.36	857.48	27.00
62513.000	15895.00	94.93	4.15	0.30	10.51	890.17	27.00
62563.000	4550.00	84.71	0.00	0.29	0.00	164.05	50.00
62563.000	8075.00	88.80	4.09	0.38	4.09	200.00	50.00
62563.000	10040.00	90.82	2.02	0.04	6.11	853.84	50.00
62563.000	15850.00	94.96	4.13	0.03	10.25	875.84	50.00
62650.000	4550.00	84.77	0.00	0.05	0.00	322.99	87.00
62650.000	8075.00	88.84	4.07	0.04	4.07	177.00	87.00
62650.000	10040.00	90.71	1.87	-0.11	5.95	177.00	87.00
62650.000	15850.00	94.97	4.26	0.01	10.20	866.97	87.00
62720.000	4550.00	84.82	0.00	0.05	0.00	132.99	70.00
62720.000	8075.00	88.90	4.08	0.06	4.08	142.69	70.00
62720.000	10040.00	90.76	1.86	0.05	5.94	146.34	70.00
62720.000	15850.00	94.71	3.95	-0.26	9.89	154.00	70.00
63940.000	4550.00	85.49	0.00	0.60	0.00	300.30	1220.00
63940.000	8075.00	89.67	4.17	0.77	4.17	710.92	1220.00
63940.000	10040.00	91.59	1.92	0.83	6.10	805.25	1220.00
63940.000	15850.00	95.81	4.22	1.10	10.32	862.88	1220.00
66250.000	4550.00	86.54	0.00	1.04	0.00	588.02	2310.00
66250.000	8075.00	90.56	4.03	0.90	4.03	337.18	2310.00
66250.000	10040.00	92.37	1.80	0.78	5.83	350.34	2310.00
66250.000	15850.00	96.46	4.10	0.65	9.92	380.57	2310.00

ACCT	AMOUNT	CHGEL	DIFWSP	DIFWSX	DIFKRS	TOTWIB	XLCI
66349.000	4550.00	86.56	0.00	0.02	0.00	240.00	99.00
66349.000	8075.00	90.59	4.03	0.02	4.03	240.00	99.00
66349.000	10040.00	92.39	1.80	0.02	5.83	240.00	99.00
66349.000	15850.00	96.47	4.08	0.01	9.91	240.00	99.00
66399.000	4550.00	86.55	0.00	-0.01	0.00	132.00	50.00
66399.000	8075.00	90.55	4.01	0.04	4.01	132.00	50.00
66399.000	10040.00	92.33	1.78	-0.05	5.79	132.00	50.00
66399.000	15850.00	96.37	4.03	-0.10	5.82	132.00	50.00
66400.000	4550.00	85.73	0.00	-0.82	0.00	78.00	1.00
66400.000	8075.00	89.78	4.06	-0.77	4.06	94.34	1.00
66400.000	10040.00	91.54	1.76	-0.80	5.81	96.65	1.00
66400.000	15850.00	95.39	3.85	-0.98	9.66	100.03	1.00
66421.000	4550.00	86.13	0.00	0.40	0.00	80.15	21.00
66421.000	8075.00	89.99	3.86	0.21	3.86	90.60	21.00
66421.000	10040.00	91.72	1.73	0.18	5.59	96.89	21.00
66421.000	15850.00	95.57	3.85	0.18	5.75	100.63	21.00
66422.000	4550.00	87.57	0.00	1.44	0.00	132.00	1.00
66422.000	8075.00	91.48	3.91	1.49	3.91	132.00	1.00
66422.000	10040.00	93.28	1.80	1.56	5.72	132.00	1.00
66422.000	15850.00	97.52	4.23	1.94	9.95	132.00	1.00
66472.000	4550.00	87.60	0.00	0.04	0.00	195.67	50.00
66472.000	8075.00	91.56	3.96	0.04	3.96	200.00	50.00
66472.000	10040.00	93.39	1.83	0.11	5.79	200.00	50.00
66472.000	15850.00	97.71	4.32	0.10	10.11	200.00	50.00
66920.000	4550.00	87.67	0.00	0.07	0.00	167.28	448.00
66920.000	8075.00	91.62	3.95	0.06	3.95	187.81	448.00
66920.000	10040.00	93.45	1.83	0.06	5.78	205.20	448.00
66920.000	15850.00	97.78	4.33	0.07	10.11	487.56	448.00
66990.000	4550.00	87.73	0.00	0.06	0.00	559.27	70.00
66990.000	8075.00	91.75	4.02	0.13	4.02	316.00	70.00
66990.000	10040.00	93.63	1.88	0.18	5.90	510.00	70.00
66990.000	15850.00	98.09	4.46	0.31	10.36	540.00	70.00
71960.000	4550.00	93.77	0.00	6.00	0.00	209.91	4970.00
71960.000	8075.00	97.13	3.36	5.38	3.36	316.59	4970.00
71960.000	10040.00	98.66	1.53	5.03	0.89	328.70	4970.00
71960.000	15850.00	102.43	3.77	4.34	8.66	548.69	4970.00
75780.000	4550.00	96.67	0.00	2.90	0.00	460.04	3820.00
75780.000	8075.00	100.08	3.41	2.90	3.41	792.91	3820.00
75780.000	10040.00	101.54	1.47	2.89	4.88	805.65	3820.00
75780.000	15850.00	105.19	3.65	2.76	8.52	817.03	3820.00
77387.000	4550.00	97.59	0.00	0.92	0.00	313.90	1607.00
77387.000	8075.00	100.95	3.37	0.88	3.37	587.44	1607.00
77387.000	10040.00	102.39	1.44	0.85	0.80	664.00	1607.00
77387.000	15850.00	105.96	3.57	0.77	8.37	721.58	1607.00

	WSEL	DIFWSP	DIFWSX	DIFKKS	TOPWID	XLCP
77537.000	8075.00	101.16	3.37	0.20	3.37	606.36
77537.000	10040.00	102.57	1.41	0.17	4.78	678.05
77537.000	15850.00	106.07	3.51	0.11	8.29	790.30
77463.000	4550.00	97.80	0.00	0.01	0.00	140.00
77463.000	8075.00	101.43	3.63	0.27	3.63	140.00
77463.000	10040.00	103.09	1.66	0.52	5.29	695.35
77463.000	15850.00	106.36	3.27	0.29	8.56	798.25
77513.000	4470.00	97.74	0.00	-0.06	0.00	283.16
77513.000	7990.00	101.44	3.70	0.01	3.70	585.99
77513.000	9875.00	103.04	1.60	-0.65	5.30	666.73
77513.000	15605.00	106.33	3.29	-0.03	8.59	719.87
77590.000	4470.00	97.80	0.00	0.06	0.00	244.84
77590.000	7990.00	101.47	3.67	0.03	3.67	532.69
77590.000	9875.00	103.06	1.59	0.02	5.26	657.71
77590.000	15605.00	106.35	3.29	0.02	8.55	713.02

SUMMARY OF ERRORS

CAUTION SECNO=55573.000 PROFILE= 1 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO=55573.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY  
 CAUTION SECNO=55573.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL

RELEASE DATED NOV 76 UPDATED AUG 77

MODIFICATION - 50, 51, 52, 53

XXX ROCKFISH CR FROM US 301 TO SR 1255 -- HOPE MILLS AREA XXX  
HOPE MILLS, CUMBERLAND CO., N.C. FIS  
100 YR NATURAL  
ROCKFISH CR

TECHN	INO	KINV	IGIP	STHI	PLTHIL	IVINE	G	WSEL	FN
0.	4.	0.	0.	0.000000	0.00	0.0	0.	74.000	0.000
PROF	IPLUT	PREVS	XSECV	XSECH	FN	ALLEG	INX	ENAIN	ILKAE
1.000	0.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000
VARIABLE CODES FOR SUMMARY PRINTOUT									
38.000	1.000	2.000	42.000	41.000	5.000	43.000	0.000	34.000	1.000

53.000	21.000	22.000	54.000	4.000	0.000	200.000	0.000	0.000	0.000	
0.120	0.120	0.050	0.200	0.400	0.000	0.000	0.000	0.000	0.000	
6.000	5825.000	10195.000	12610.000	10700.000	12610.000	12610.000	0.000	0.000	0.000	
E1	0.000	0.000	0.000	0.000	0.000	9.100	7.410	0.000	1105.000	1255.000

XXX SURVEY SEC (RF-x) xxx

X1	48540.000	12.000	1130.000	1227.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	85.100	1000.000	64.300	1050.000	79.000	1100.000	67.400	1115.000	63.500	1130.000
GR	52.000	1102.000	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
E1	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1105.000	1255.000

X1	48541.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1105.000	1255.000

X1	48542.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1105.000	1255.000

X1	48545.000	0.000	0.000	0.000	3.000	3.000	3.000	0.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1105.000	1255.000

X1	48550.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1050.000	1200.000

X1	48555.000	11.000	1050.000	1166.000	1340.000	1340.000	1340.000	0.000	0.100	0.000
E1	0.000	1000.000	90.700	1050.000	61.900	1100.000	57.300	1105.000	52.000	1135.000

	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1400.000	1600.000	

XXX SURVEY SEC CHF-9 16 301 XXX

XXX STREAM GAGE LOCATED 50' UPSTREAM OF BRIDGE XXX

Y1	19440.000	19.000	1400.000	1600.000	50.000	50.000	50.000	0.000	0.000	0.000
Y2	10.000	0.000	0.000	0.000	0.000	0.000	0.000	90.000	90.000	0.000
GR	41.000	1000.000	80.000	1745.000	90.000	1395.000	82.000	1400.000	87.500	1410.000
BR	55.900	1450.000	52.400	1470.000	51.900	1480.000	52.400	1450.000	55.500	1510.000
CR	69.000	1530.000	77.500	1540.000	74.000	1550.000	75.000	1570.000	76.800	1580.000
ER	79.100	1595.000	79.100	1600.000	79.900	1645.000	85.500	2000.000	0.000	0.000
FC	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1400.000	1600.000
ET	1.250	1.560	2.500	0.000	27.000	6.750	3920.000	2.400	51.900	51.900

Y1	50015.000	0.000	0.000	0.000	75.000	75.000	75.000	0.000	0.000	0.000
Y2	0.000	0.000	1.000	88.000	91.000	0.000	0.000	0.000	0.000	0.000
GR	10.000	0.000	0.000	0.000	0.000	0.000	0.000	71.700	91.000	0.000
BR	13.000	1000.000	92.200	0.000	1100.000	91.700	0.000	1200.000	92.000	0.000
CR	1700.000	82.200	0.000	1400.000	81.500	0.000	1400.000	91.900	82.000	1500.000
ER	91.900	88.000	1600.000	91.900	88.000	1600.000	91.900	0.000	1700.000	91.400
FC	0.000	1000.000	91.900	0.000	1000.000	91.700	0.000	2000.000	91.000	0.000
ET	0.100	0.100	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	1050.000	1200.000

XXX SURVEY SEC CHF-10 XXX

XXX CONFLUENCE WITH LITTLE ROCKFISH AT STA 502+00 XXX

Y1	50050.000	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
BR	56.400	1165.000	56.300	1166.000	74.500	1200.000	77.700	1215.000	79.200	1250.000
CR	80.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ER	6.000	4570.000	8105.000	16075.000	15910.000	10075.000	10075.000	0.000	0.000	0.000
FC	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	1120.000	1260.000

XXX SURVEY SEC CHF-11 XXX

Y1	50360.000	11.000	1120.000	1220.000	400.000	200.000	410.000	0.000	0.000	0.000
GR	97.100	1000.000	92.000	1050.000	85.200	1065.000	75.700	1100.000	73.800	1120.000
BR	55.000	1140.000	52.500	1165.000	56.300	1190.000	61.900	1200.000	75.300	1224.000
CR	80.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ER	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1000.000	1150.000

XXX SURVEY SEC CHF-12 XXX

Y1	50230.000	20.000	1067.000	1157.000	2870.000	2870.000	2870.000	0.000	0.000	0.000
GR	84.000	855.000	82.000	880.000	86.000	920.000	80.000	920.000	80.000	920.000
BR	77.000	1000.000	77.000	1045.000	70.000	1050.000	66.000	1067.000	61.000	1076.000
CR	56.400	1101.000	59.500	1126.000	64.800	1157.000	65.500	1142.000	74.200	1150.000
ER	91.000	1173.000	92.000	1180.000	80.200	1200.000	79.000	1250.000	91.500	1200.000
FC	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	1222.000	1447.000

XXX SURVEY SEC CHF-13 XXX



	1447.000	1510.000	1510.000	1510.000	0.000	0.000	0.000
	1072.000	75.800	1100.000	75.200	1200.000		
	1300.000	74.300	1363.000	62.900	1385.000	59.200	1386.000
	1442.000	67.500	1447.000	71.000	1473.000	84.800	1488.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.100	0.100	0.100	0.000	0.000	1242.000	1488.000
	0.000	0.000	0.000	9.100	0.000	1270.000	1470.000

	0.000	0.000	0.000	91.000	91.000	91.000	0.000	1.000	0.000	
	0.080	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	
	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1300.000	1500.000

XXX SURVEY SEC CRF-14 SR 1127 XXX

X1	54881.000	20.000	1300.000	1500.000	50.000	50.000	50.000	0.000	0.000	0.000
X2	10.000	0.000	0.000	0.000	0.000	0.000	0.000	93.500	93.500	0.000
GR	95.400	1000.000	94.400	1008.000	80.800	1057.000	77.400	1085.000	76.800	1185.000
GR	77.200	1249.000	78.700	1285.000	78.000	1300.000	75.900	1348.000	72.400	1357.000
GR	60.900	1370.000	67.400	1375.000	59.400	1400.000	61.000	1420.000	67.500	1425.000
GR	85.700	1475.000	90.000	1492.000	90.600	1500.000	95.300	1546.000	95.700	1600.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1300.000	1500.000
SH	1.250	1.280	2.500	0.000	8.000	0.000	3360.000	2.910	59.400	59.400

X1	54899.000	0.000	0.000	0.000	18.000	18.000	18.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	92.500	94.900	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	95.000	95.100	0.000
BT	10.000	1000.000	95.400	0.000	1100.000	94.900	0.000	1200.000	94.900	0.000
BT	1300.000	95.000	0.000	1300.000	95.000	92.400	1400.000	95.000	92.400	1500.000
BT	95.100	92.500	1500.000	95.100	0.000	1546.000	95.300	0.000	1600.000	95.700
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	6.000	4565.000	8100.000	10065.000	15895.000	10065.000	10065.000	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	9.100	9.100	9.100	9.100	0.000	0.000	1245.000	1482.000

X1	54949.000	15.000	1385.000	1447.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	93.500	1000.000	92.800	1023.000	79.200	1072.000	75.800	1100.000	75.200	1200.000
GR	75.600	1264.000	77.100	1300.000	74.300	1363.000	62.900	1385.000	59.200	1386.000
GR	57.800	1410.000	58.900	1442.000	67.500	1447.000	71.000	1473.000	84.800	1488.000
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	1221.000	1406.000

XXX SURVEY SEC CRF-15 XXX

X1	55500.000	26.000	1272.000	1406.000	610.000	610.000	610.000	0.000	0.000	0.000
GR	85.300	1045.000	80.200	1095.000	80.200	1145.000	80.800	1125.000	76.400	1200.000
GR	75.200	1206.000	68.800	1207.000	68.500	1272.000	61.800	1272.000	56.200	1339.000
GR	61.600	1406.000	72.100	1406.000	71.100	1407.000	75.400	1450.000	86.200	1492.000
GR	87.300	1503.000	84.000	1509.000	89.900	1513.000	88.500	1565.000	89.500	1600.000
GR	92.000	1700.000	95.000	1800.000	96.400	1830.000	98.200	1840.000	98.600	1806.000
GR	98.700	1854.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NH	7.000	0.100	1185.000	0.080	1207.000	0.050	1230.000	0.070	1278.000	0.015
ET	1397.000	0.070	1434.000	0.100	1854.000	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	1190.000	1397.000

XXX SURVEY SEC CRF-16 DAM XXX

XXX DAM IS BREACHED XXX

	5372.000	51.000	1278.000	1397.000	72.000	72.000	72.000	0.000	0.000	0.000
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	84.200	1095.000	84.200	1145.000	84.800	1185.000	76.400	1200.000	
	76.800	1207.000	76.800	1230.000	75.300	1234.000	77.200	1251.000	
	86.800	1270.000	86.800	1278.000	61.800	1278.000	61.800	1300.000	
	84.700	1397.000	84.700	1397.000	84.700	1400.000	84.600	1414.000	
	86.800	1426.000	86.800	1434.000	86.900	1500.000	89.500	1600.000	
	96.400	1800.000	96.400	1830.000	98.200	1840.000	98.600	1846.000	
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
	1207.000	0.000	1207.000	0.050	1234.000	0.070	1278.000	0.015	
	1854.000	0.100	1854.000	0.000	0.000	0.000	0.000	0.000	
	0.000	0.000	0.000	0.000	9.110	9.110	0.000	1194.000	1397.000

Y1	55573.000	39.000	1278.000	1397.000	1.000	1.000	1.000	0.000	0.000	0.000
BT	21.000	1278.000	86.800	0.000	1278.000	86.800	70.000	1300.000	86.700	70.000
BT	1314.000	86.800	70.000	1314.000	86.800	78.000	1322.000	86.800	78.000	1322.000
BT	86.800	70.000	1327.000	86.800	70.000	1327.000	86.800	78.000	1335.000	86.800
BT	78.000	1335.000	86.800	70.000	1340.000	86.700	70.000	1340.000	86.700	78.000
BT	1348.000	86.700	78.000	1348.000	86.700	70.000	1353.000	86.700	70.000	1353.000
BT	86.700	78.000	1361.000	86.600	78.000	1361.000	86.600	70.000	1397.000	86.500
BT	70.000	1397.000	86.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	85.300	1045.000	84.200	1095.000	84.200	1145.000	84.800	1185.000	76.400	1200.000
GR	75.200	1206.000	68.800	1207.000	70.800	1230.000	75.300	1234.000	77.200	1251.000
GR	79.700	1253.000	85.100	1270.000	86.800	1278.000	70.000	1278.000	70.000	1300.000
GR	70.000	1314.000	70.000	1322.000	70.000	1327.000	70.000	1335.000	70.000	1340.000
GR	70.000	1348.000	70.000	1353.000	70.000	1361.000	70.000	1397.000	86.500	1397.000
GR	84.700	1397.000	84.700	1400.000	84.600	1414.000	80.700	1414.000	81.500	1426.000
GR	86.800	1434.000	86.900	1500.000	89.500	1600.000	92.000	1700.000	95.000	1800.000
GR	96.400	1800.000	98.200	1840.000	98.600	1846.000	98.700	1854.000	0.000	0.000
NH	7.000	0.100	1185.000	0.000	1207.000	0.050	1234.000	0.070	1278.000	0.015
NH	1397.000	0.070	1434.000	0.100	1854.000	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	1194.000	1397.000

Y1	55577.000	0.000	0.000	0.000	4.000	4.000	4.000	0.000	0.000	0.000
Y2	0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
NH	7.000	0.100	1185.000	0.000	1207.000	0.050	1234.000	0.070	1278.000	0.015
NH	1397.000	0.070	1434.000	0.100	1854.000	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	1194.000	1397.000

Y1	55578.000	31.000	1278.000	1397.000	1.000	1.000	1.000	0.000	0.000	0.000
Y3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	88.800	80.700	0.000
GR	85.300	1045.000	84.200	1095.000	84.200	1145.000	84.800	1185.000	76.400	1200.000
GR	75.200	1206.000	68.800	1207.000	70.800	1230.000	75.300	1234.000	77.200	1251.000
GR	79.700	1253.000	85.100	1270.000	86.800	1278.000	61.800	1278.000	61.800	1300.000
GR	61.800	1397.000	86.500	1397.000	84.700	1397.000	84.700	1400.000	84.600	1414.000
GR	80.700	1414.000	81.500	1426.000	86.800	1434.000	86.900	1500.000	89.500	1600.000
GR	92.000	1700.000	95.000	1800.000	96.400	1830.000	98.200	1840.000	98.600	1846.000
GR	98.700	1854.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NH	0.000	0.000	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	1194.000	1397.000

Y1	55508.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1194.000	1397.000

XXX TOPO SEC CRF-16 VALLEY SEC XXX

Y1	55628.000	0.000	0.000	0.000	40.000	40.000	40.000	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
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1060.000	1248.000

XXX SURVEY SEC CRF-17 XXX

XXX MILES LONER STUDY LIMIT AT STA 600+00 XXX

Y1	17,000	1138,000	1226,000	2147,000	2147,000	2147,000	0,000	0,000	0,000
GR	84,100	1100,000	83,000	1120,000	79,500	1126,000	79,000	1131,000	
GR	75,400	1130,000	74,100	1139,000	69,900	1183,000	70,300	1200,000	1225,000
GR	75,400	1231,000	84,700	1246,000	89,700	1270,000	92,000	1300,000	
NC	90,400	1440,000	93,200	1500,000	0,000	0,000	0,000	0,000	0,000
ET	0,120	0,120	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	1507,000	1677,000

XXX SURVEY SEC CRF-18 XXX

Y1	21,000	1553,000	1677,000	3395,000	3395,000	3395,000	0,000	0,000	0,000
GR	100,600	1000,000	100,700	1012,000	100,700	1024,000	99,500	1027,000	1100,000
GR	97,200	1200,000	94,500	1300,000	87,500	1400,000	82,800	1500,000	1534,000
GR	81,000	1542,000	79,800	1553,000	73,300	1560,000	71,600	1579,000	1617,000
GR	73,800	1634,000	73,200	1676,000	76,400	1677,000	97,900	1720,000	1731,000
NC	109,700	1750,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,100	0,100	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	9,100	9,100	0,000	0,000	9,100	0,000	1492,000	1650,000

Y1	26,000	1520,000	1620,000	1100,000	1266,000	1266,000	0,000	0,800	0,000
GR	102,100	1050,000	95,800	1073,000	94,800	1090,000	93,000	1100,000	1142,000
GR	89,400	1200,000	86,500	1300,000	86,500	1400,000	86,500	1492,000	1498,000
GR	86,300	1500,000	86,300	1520,000	73,300	1525,000	70,000	1543,000	1570,000
GR	74,000	1600,000	72,700	1616,000	77,400	1620,000	81,500	1655,000	1700,000
GR	81,400	1733,000	84,800	1771,000	84,300	1800,000	85,400	1900,000	1948,000
NC	0,090	0,090	0,040	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	0,000	9,110	0,000	0,000	1510,000

XXX SURVEY SEC CRF-19 NC 59 XXX

Y1	32,000	1512,000	1622,000	50,000	50,000	50,000	0,000	0,000	0,000
Y3	10,000	0,000	0,000	0,000	0,000	0,000	89,000	89,000	0,000
GR	103,600	983,000	101,200	1033,000	94,900	1056,000	93,900	1073,000	1083,000
GR	87,200	1125,000	88,500	1183,000	85,600	1283,000	85,600	1383,000	1475,000
GR	85,400	1483,000	85,400	1503,000	85,100	1512,000	84,100	1522,000	1542,000
GR	69,100	1552,000	69,100	1562,000	69,000	1567,000	71,100	1582,000	1587,000
GR	78,600	1592,000	85,100	1622,000	81,700	1683,000	80,500	1716,000	1754,000
GR	83,400	1783,000	84,500	1883,000	90,300	1931,000	90,700	1938,000	1983,000
GR	97,600	2000,000	101,400	2100,000	0,000	0,000	0,000	0,000	0,000
SB	1,250	1,410	2,500	0,000	73,000	10,000	1593,000	0,970	69,100
ET	0,000	0,000	0,000	0,000	0,000	9,110	0,000	0,000	1510,000

Y1	0,000	0,000	0,000	27,000	27,000	27,000	0,000	0,000	0,000
Y2	0,000	0,000	1,000	88,200	89,700	0,000	0,000	0,000	0,000
Y3	10,000	0,000	0,000	0,000	0,000	0,000	89,500	89,900	0,000
BT	14,000	1033,000	101,200	0,000	1100,000	98,800	0,000	1200,000	95,500
BT	1300,000	92,700	0,000	1400,000	90,700	0,000	1500,000	50,000	1512,000
BT	89,900	0,000	1512,000	89,900	88,200	1567,000	89,900	88,200	1622,000
BT	88,200	1622,000	89,900	0,000	1700,000	89,700	0,000	1800,000	90,200
BT	1983,000	96,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
BT	6,000	1550,000	8075,000	10040,000	15850,000	10000,000	10040,000	0,000	0,000
NC	0,100	0,100	0,050	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	0,100	9,100	0,000	0,000	0,000	0,000	0,000	1480,000
ET	0,000	0,000	0,000	0,000	0,000	9,100	0,000	0,000	1520,000

Y1	26,000	1520,000	1620,000	50,000	50,000	50,000	0,000	0,500	0,000
GR	102,100	1050,000	95,800	1073,000	94,800	1090,000	93,000	1100,000	1142,000

	1,500.000	1,900.000	86.300	1,520.000	73.300	1,525.000	70.000	1,543.000	
	1,500.000	1,900.000	72.700	1,616.000	77.400	1,620.000	81.500	1,655.000	
	1,700.000	81.400	1,733.000	84.800	1,771.000	84.300	1,800.000	85.400	1,900.000
	0.110	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1,497.000	1,670.000
	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1,500.000	1,660.000

XXX SURVEY SEC CRF-20 XXX

X1	6,450.000	0.000	0.000	0.000	87.000	87.000	87.000	0.000	0.500	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1,555.000	1,690.000

XXX SURVEY SEC CRF-21 ABANDONED N.R. BED XXX

X1	6,720.000	24.000	1,575.000	1,673.000	110.000	50.000	70.000	0.000	0.000	0.000
GR	104.000	1,000.000	101.600	1,100.000	100.100	1,200.000	100.100	1,300.000	99.600	1,400.000
BR	99.200	1,500.000	100.100	1,553.000	85.700	1,555.000	75.900	1,575.000	73.600	1,576.000
GR	70.000	1,600.000	71.100	1,625.000	73.900	1,670.000	75.400	1,673.000	76.000	1,676.000
GR	78.900	1,679.000	90.400	1,700.000	99.300	1,716.000	99.100	1,800.000	98.700	1,900.000
GR	98.800	2,000.000	99.800	2,060.000	100.300	2,095.000	100.500	2,110.000	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	1,090.000	1,260.000

XXX SURVEY SEC CRF-22 XXX

X1	6,390.000	21.000	1,100.000	1,212.000	750.000	700.000	1,220.000	0.000	0.000	0.000
GR	109.000	1,000.000	95.500	1,050.000	79.500	1,100.000	73.300	1,103.000	69.400	1,128.000
GR	74.600	1,150.000	76.200	1,194.000	80.000	1,200.000	86.200	1,212.000	86.600	1,200.000
GR	84.600	1,400.000	86.600	1,500.000	85.200	1,600.000	87.700	1,700.000	86.500	1,770.000
GR	91.000	1,783.000	91.300	1,800.000	91.300	1,865.000	95.400	1,900.000	98.900	2,000.000
GR	98.500	2,053.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	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	9.100	9.100	9.100	0.000	0.000	0.000	1,570.000	2,010.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1,665.000	1,855.000

XXX SURVEY SEC CRF-23 XXX

X1	6,6250.000	24.000	1,700.000	1,852.000	1,000.000	1,800.000	2,310.000	0.000	0.000	0.000
GR	112.600	1,000.000	108.300	1,100.000	101.300	1,150.000	91.500	1,200.000	87.000	1,300.000
GR	81.800	1,320.000	84.000	1,500.000	85.100	1,582.000	82.600	1,590.000	82.800	1,600.000
GR	82.300	1,682.000	78.000	1,700.000	75.600	1,702.000	75.100	1,730.000	76.100	1,741.000
GR	78.400	1,752.000	76.400	1,764.000	73.500	1,779.000	75.900	1,844.000	80.600	1,892.000
GR	83.900	1,881.000	89.600	1,900.000	99.100	1,970.000	100.000	2,000.000	0.000	0.000
NC	0.100	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.100	9.100	9.100	9.100	0.000	0.000	0.000	1,650.000	1,840.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1,690.000	1,855.000

X1	6,6349.000	0.000	0.000	0.000	99.000	99.000	99.000	0.000	0.700	0.000
NC	0.090	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	1,345.000	1,543.000

XXX SURVEY SEC CRF-24 ATLANTIC COASTLINE R.R. BED XXX

X1	6,6399.000	29.000	1,405.000	1,537.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	10.000	0.000	0.000	0.000	0.000	0.000	0.000	111.500	113.000	0.000
GR	112.700	670.000	111.500	695.000	107.200	795.000	100.200	845.000	90.400	895.000
GR	80.000	805.000	80.700	1,015.000	82.900	1,195.000	84.000	1,277.000	81.500	1,285.000
GR	81.100	1,295.000	81.200	1,377.000	77.300	1,395.000	74.500	1,397.000	74.400	1,405.000

	78.500	1542.000	79.500	1547.000	82.800	1576.000	88.500	1595.000		
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		
	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1405.000	1537.000	
	25.000	1405.000	1537.000	1.000	1.000	1.000	0.000	0.000	0.000	
GR	108.500	1404.900	88.500	1405.000	83.200	1426.000	107.400	1426.000	107.400	1431.000
GR	81.500	1431.000	79.900	1437.000	77.700	1438.000	77.400	1440.000	72.000	1451.000
GR	78.000	1460.000	78.000	1463.000	79.500	1465.000	79.900	1470.000	108.000	1470.000
GR	108.000	1475.000	80.200	1475.000	80.600	1480.000	82.700	1500.000	90.100	1515.000
GR	109.200	1515.000	109.200	1520.000	97.900	1520.000	108.000	1537.000	110.800	1537.100
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1405.000	1537.000

Y1	66421.000	0.000	0.000	0.000	21.000	21.000	21.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1405.000	1537.000

Y1	66422.000	29.000	1405.000	1537.000	1.000	1.000	1.000	0.000	0.000	0.000
GR	10.000	0.000	0.000	0.000	0.000	0.000	0.000	114.700	115.400	0.000
GR	112.700	670.000	111.500	695.000	107.200	795.000	100.200	845.000	90.400	895.000
GR	85.900	995.000	80.700	1015.000	82.500	1195.000	84.000	1277.000	81.500	1285.000
GR	81.700	1295.000	81.200	1377.000	77.300	1395.000	74.500	1397.000	74.400	1405.000
GR	74.000	1425.000	76.000	1443.000	72.000	1451.000	76.000	1457.000	72.400	1474.000
GR	74.800	1537.000	76.500	1542.000	79.500	1547.000	82.800	1576.000	88.500	1595.000
GR	98.000	1665.000	98.900	1695.000	106.700	2100.000	108.000	2275.000	0.000	0.000
NC	0.100	0.090	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.100	9.100	9.100	9.100	0.000	0.000	0.000	1700.000	1800.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1700.000	1870.000

Y1	66472.000	24.000	1700.000	1852.000	50.000	50.000	50.000	0.000	0.700	0.000
GR	112.600	1000.000	108.300	1100.000	101.300	1150.000	91.500	1200.000	87.000	1300.000
GR	81.800	1320.000	80.000	1500.000	85.100	1582.000	82.600	1590.000	82.800	1600.000
GR	82.300	1682.000	78.400	1700.000	75.600	1702.000	75.100	1730.000	76.100	1741.000
GR	78.400	1752.000	76.400	1764.000	73.500	1779.000	75.900	1844.000	80.600	1852.000
GR	83.900	1881.000	89.600	1900.000	99.100	1970.000	100.000	2000.000	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	1480.000	1650.000

XXX SURVEY SEC CRE-25 ABANDONED K.V. UED XXX

Y1	66920.000	23.000	1492.000	1585.000	99.000	99.000	99.000	0.000	0.000	0.000
GR	102.600	1000.000	99.100	1050.000	99.800	1100.000	100.300	1200.000	98.400	1300.000
GR	97.300	1400.000	93.000	1478.000	86.800	1492.000	83.100	1452.000	78.400	1495.000
GR	76.100	1500.000	75.400	1541.000	78.200	1581.000	83.200	1585.000	82.400	1600.000
GR	81.600	1621.000	95.200	1683.000	95.800	1700.000	97.300	1800.000	98.400	1900.000
GR	98.600	2000.000	100.400	2100.000	100.600	2200.000	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
ET	0.000	0.000	9.100	9.100	0.000	0.000	0.000	0.000	1560.000	1870.000
ET	0.000	0.000	0.000	0.000	9.100	0.000	0.000	0.000	1552.000	1892.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1610.000	1810.000

XXX SURVEY SEC CRE-26 XXX

Y1	66990.000	25.000	1605.000	1730.000	70.000	70.000	70.000	0.000	0.000	0.000
GR	113.300	1000.000	109.600	1050.000	96.400	1100.000	94.500	1200.000	94.000	1300.000
GR	90.100	1400.000	91.500	1500.000	89.200	1550.000	83.700	1594.000	82.600	1600.000
GR	84.200	1645.000	77.000	1648.000	76.400	1680.000	78.500	1718.000	84.700	1730.000
GR	85.800	1800.000	85.800	1900.000	87.000	2000.000	85.000	2100.000	91.700	2157.000
GR	90.600	2200.000	90.800	2218.000	103.000	2250.000	106.600	2300.000	107.200	2400.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1130.000	1430.000

XXX SURVEY SEC CRT-27 XXX

Y1	15.000	1281.000	1342.000	3600.000	3600.000	4970.000	0.000	0.000	0.000
GR	1000.000	105.300	1000.000	100.300	1100.000	94.900	1124.000	97.400	1157.000
BR	1159.000	93.100	1161.000	94.600	1200.000	92.900	1221.000	81.700	1294.000
CR	1111.000	81.700	1111.000	87.000	1142.000	87.600	1160.000	100.000	1140.000
ET	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1435.000	1735.000

XXX SURVEY SEC CRT-28 XXX

Y1	24.000	1662.000	1735.000	2400.000	2400.000	1820.000	0.000	0.000	0.000
GR	1000.000	97.200	1035.000	97.000	1100.000	97.900	1200.000	97.200	1300.000
BR	1375.000	96.200	1400.000	95.600	1475.000	92.900	1560.000	87.000	1547.000
CR	1564.000	90.400	1581.000	90.500	1600.000	90.100	1662.000	81.000	1677.000
GR	1707.000	79.700	1720.000	62.200	1730.000	92.100	1725.000	91.900	1785.000
ET	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1290.000	1590.000

Y1	14.000	1434.000	1500.000	1607.000	1607.000	1607.000	0.000	1.000	0.000
GR	1000.000	105.300	1100.000	100.000	1200.000	98.300	1300.000	97.700	1335.000
BR	1400.000	89.300	1430.000	87.700	1442.000	82.000	1462.000	86.100	1482.000
CR	1500.000	98.700	1600.000	101.400	1700.000	102.500	1800.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1240.000	1540.000

XXX MOPE KILLS UPPER STUDY UNIT AT STA 77040 XXX

XXX SURVEY SEC CRT-29 SP 1255 (COLEVILLE RD) XXX

Y1	19.000	1330.000	1470.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	10.000	0.000	0.000	0.000	0.000	0.000	101.000	101.000	0.000
BR	112.000	950.000	104.300	1050.000	103.000	1080.000	95.000	1150.000	97.300
CR	96.700	1285.000	94.000	1330.000	91.500	1360.000	91.000	1370.000	87.500
GR	84.000	1400.000	81.000	1430.000	83.700	1440.000	90.900	1460.000	95.200
ET	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1240.000	1540.000

Y1	0.000	0.000	0.000	26.000	26.000	26.000	0.000	0.000	0.000
Y2	0.000	0.000	1.000	99.750	102.200	0.000	0.000	0.000	0.000
Y3	10.000	0.000	0.000	0.000	0.000	0.000	102.200	102.300	0.000
BT	13.000	1080.000	103.000	0.000	1100.000	102.800	0.000	1200.000	102.200
BT	1300.000	102.200	0.000	1330.000	102.200	0.000	1230.000	102.200	95.750
BT	102.200	99.750	1470.000	102.300	99.750	1470.000	102.300	0.000	1500.000
BT	0.000	1600.000	103.300	0.000	1700.000	100.700	0.000	1875.000	110.000
BT	6.000	4470.000	790.000	9875.000	15605.000	9875.000	9875.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Y1	10.000	1434.000	1500.000	50.000	50.000	50.000	0.000	0.500	0.000
GR	1000.000	105.300	1100.000	100.000	1200.000	98.300	1300.000	97.700	1335.000
BR	1400.000	89.300	1430.000	87.700	1442.000	82.000	1462.000	86.100	1482.000
CR	1500.000	98.700	1600.000	101.400	1700.000	102.500	1800.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1290.000	1590.000

XXX SURVEY SEC CRT-30 XXX



REC'D RELEASE DATED NOV 76 UPDATED AUG 77

MODIFICATION - 50,51,52,53

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

ROCKFISH CR

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELMIN	ELLC	10K*8	G
48540.000	78.00	78.53	51.50	0.00	8.05	12610.00
*48540.000	78.70	79.19	51.50	0.00	7.18	12610.00
48541.000	78.00	78.53	51.50	0.00	8.04	12610.00
*48541.000	78.70	79.19	51.50	0.00	7.18	12610.00
48542.000	78.00	78.53	51.50	0.00	8.04	12610.00
*48542.000	78.70	79.19	51.50	0.00	7.18	12610.00
48545.000	78.00	78.53	51.50	0.00	8.04	12610.00
*48545.000	78.70	79.19	51.50	0.00	7.18	12610.00
48550.000	78.01	78.53	51.50	0.00	8.05	12610.00
*48550.000	78.71	79.20	51.50	0.00	7.17	12610.00
49890.000	79.14	79.66	51.90	0.00	8.83	12610.00
*49890.000	79.73	80.24	51.90	0.00	8.29	12610.00
49940.000	79.33	79.72	51.90	0.00	6.04	12610.00
*49940.000	79.84	80.30	51.90	0.00	5.31	12610.00
50015.000	79.39	79.78	51.90	88.00	5.90	12610.00
*50015.000	79.99	80.34	51.90	88.00	5.25	12610.00
50050.000	79.32	79.86	52.00	0.00	5.09	12610.00
*50050.000	79.91	80.43	52.00	0.00	4.51	12610.00
50360.000	79.77	80.12	52.60	0.00	5.71	10075.00
*50360.000	80.35	80.69	52.60	0.00	5.61	10075.00
53230.000	81.45	81.88	56.40	0.00	6.35	10075.00
*53230.000	81.97	82.41	56.40	0.00	6.12	10075.00
54740.000	82.46	82.74	57.80	0.00	4.75	10075.00
*54740.000	83.05	83.43	57.80	0.00	7.47	10075.00
54831.000	82.44	82.84	58.80	0.00	6.58	10075.00
*54831.000	83.09	83.51	58.80	0.00	6.05	10075.00



AMOUNT	CHGEL	EC	ELMIN	ELLC	10K+S	0
54899.000	82.47	82.88	59.40	0.00	8.87	10075.00
54901.000	83.19	83.55	59.40	0.00	6.96	10075.00
54999.000	82.51	82.92	59.40	92.50	7.98	10075.00
54999.000	83.23	83.59	59.40	92.50	6.89	10075.00
54949.000	82.66	82.96	57.80	0.00	5.58	10065.00
54949.000	83.30	83.62	57.80	0.00	4.93	10065.00
55500.000	83.07	83.17	56.20	0.00	1.38	10065.00
55500.000	83.71	83.83	56.20	0.00	1.61	10065.00
55572.000	83.80	83.22	61.60	0.00	0.38	10065.00
55572.000	83.66	83.87	61.60	0.00	0.34	10065.00
55573.000	81.60	84.15	68.80	78.00	92.16	10065.00
55573.000	82.85	84.41	68.80	78.00	28.76	10065.00
55577.000	81.60	84.26	68.80	78.00	90.71	10065.00
55577.000	82.87	84.42	68.80	78.00	28.73	10065.00
55578.000	84.48	84.67	61.60	0.00	0.30	10065.00
55578.000	84.51	84.69	61.60	0.00	0.30	10065.00
55588.000	84.51	84.67	61.60	0.00	3.04	10065.00
55588.000	84.53	84.70	61.60	0.00	3.06	10065.00
55628.000	84.52	84.68	61.60	0.00	3.04	10065.00
55628.000	84.55	84.71	61.60	0.00	3.05	10065.00
57775.000	85.46	86.37	69.90	0.00	22.84	10065.00
57775.000	85.49	86.40	69.90	0.00	21.87	10065.00
61170.000	89.49	89.77	71.60	0.00	5.39	10065.00
61170.000	89.83	90.14	71.60	0.00	6.31	10065.00
62436.000	90.22	90.35	69.20	0.00	3.70	10065.00
62436.000	90.63	91.00	69.20	0.00	6.98	10065.00
62486.000	90.21	90.39	69.10	0.00	4.08	10065.00
62486.000	90.54	91.13	69.10	0.00	8.89	10065.00
62513.000	90.78	90.93	69.10	88.20	3.31	10065.00
62513.000	90.73	91.31	69.10	88.20	8.49	10065.00
62563.000	90.82	90.95	69.50	0.00	3.34	10040.00
62563.000	91.05	91.39	69.50	0.00	6.40	10040.00
62650.000	90.71	91.10	70.00	0.00	7.71	10040.00
62650.000	91.09	91.47	70.00	0.00	7.35	10040.00
62720.000	90.76	91.15	70.00	0.00	6.15	10040.00
62720.000	91.14	91.51	70.00	0.00	5.80	10040.00
63940.000	91.59	91.76	69.40	0.00	6.21	10040.00
63940.000	91.90	92.27	69.40	0.00	6.80	10040.00

	ENGL	EG	ELHN	ELLC	10K+S	N
66350.000	92.77	92.51	73.50	0.00	2.90	10040.00
66350.000	93.14	93.34	73.50	0.00	3.27	10040.00
66349.000	92.79	92.54	72.80	0.00	2.84	10040.00
66349.000	93.17	93.37	72.80	0.00	3.03	10040.00
66348.000	92.73	92.60	72.00	0.00	2.84	10040.00
66349.000	93.16	93.40	72.00	0.00	2.47	10040.00
66400.000	91.54	93.13	72.00	0.00	58.56	10040.00
66400.000	92.50	93.84	72.00	0.00	47.12	10040.00
66421.000	91.72	93.26	72.00	0.00	55.81	10040.00
66421.000	92.64	93.94	72.00	0.00	45.64	10040.00
66422.000	93.28	93.53	72.00	0.00	2.41	10040.00
66422.000	93.93	94.16	72.00	0.00	2.81	10040.00
66472.000	93.39	93.55	72.80	0.00	3.00	10040.00
66472.000	94.01	94.18	72.80	0.00	2.92	10040.00
66920.000	93.45	93.87	75.40	0.00	8.79	10040.00
66920.000	94.08	94.47	75.40	0.00	7.77	10040.00
66990.000	93.63	93.95	76.40	0.00	8.93	10040.00
66990.000	94.10	94.56	76.40	0.00	10.85	10040.00
71960.000	98.66	99.21	77.60	0.00	14.74	10040.00
71960.000	99.02	99.90	77.60	0.00	12.17	10040.00
75780.000	101.54	101.69	79.70	0.00	4.23	10040.00
75780.000	102.46	102.67	79.70	0.00	5.71	10040.00
77387.000	102.39	102.73	81.00	0.00	9.17	10040.00
77387.000	103.48	103.84	81.00	0.00	8.49	10040.00
77437.000	102.57	102.78	81.00	0.00	3.70	10040.00
77437.000	103.67	103.89	81.00	0.00	3.28	10040.00
77463.000	103.09	103.27	81.00	99.75	3.13	10040.00
77463.000	104.03	104.24	81.00	99.75	3.01	10040.00
77513.000	103.04	103.35	81.50	0.00	8.05	9875.00
77513.000	103.97	104.32	81.50	0.00	8.23	9875.00
77590.000	103.06	103.45	82.00	0.00	10.52	9875.00
77590.000	104.00	104.42	82.00	0.00	9.73	9875.00

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TUPWID
<del>48540.000</del>	<del>78.00</del>	<del>1101.29</del>	<del>1130.00</del>	<del>1227.00</del>	<del>1276.79</del>	<del>175.49</del>
<del>48540.000</del>	<del>78.70</del>	<del>1105.00</del>	<del>1130.00</del>	<del>1227.00</del>	<del>1255.00</del>	<del>150.00</del>
<del>48541.000</del>	<del>78.00</del>	<del>1101.29</del>	<del>1130.00</del>	<del>1227.00</del>	<del>1276.79</del>	<del>175.50</del>
<del>48541.000</del>	<del>78.70</del>	<del>1105.00</del>	<del>1130.00</del>	<del>1227.00</del>	<del>1255.00</del>	<del>150.00</del>
<del>48542.000</del>	<del>78.00</del>	<del>1101.29</del>	<del>1130.00</del>	<del>1227.00</del>	<del>1276.80</del>	<del>175.51</del>
<del>48542.000</del>	<del>78.70</del>	<del>1105.00</del>	<del>1130.00</del>	<del>1227.00</del>	<del>1255.00</del>	<del>147.00</del>
<del>48545.000</del>	<del>78.00</del>	<del>1101.29</del>	<del>1130.00</del>	<del>1227.00</del>	<del>1276.82</del>	<del>175.53</del>
<del>48545.000</del>	<del>78.70</del>	<del>1105.00</del>	<del>1130.00</del>	<del>1227.00</del>	<del>1255.00</del>	<del>150.00</del>
<del>48550.000</del>	<del>78.01</del>	<del>1101.28</del>	<del>1130.00</del>	<del>1227.00</del>	<del>1276.86</del>	<del>175.58</del>
<del>48550.000</del>	<del>78.71</del>	<del>1105.00</del>	<del>1130.00</del>	<del>1227.00</del>	<del>1255.00</del>	<del>150.00</del>
<del>49890.000</del>	<del>79.14</del>	<del>1068.89</del>	<del>1050.00</del>	<del>1166.00</del>	<del>1252.73</del>	<del>182.84</del>
<del>49890.000</del>	<del>79.73</del>	<del>1068.87</del>	<del>1050.00</del>	<del>1166.00</del>	<del>1200.00</del>	<del>131.13</del>
<del>49940.000</del>	<del>79.33</del>	<del>1420.34</del>	<del>1400.00</del>	<del>1600.00</del>	<del>1600.00</del>	<del>179.66</del>
<del>49940.000</del>	<del>79.92</del>	<del>1419.57</del>	<del>1400.00</del>	<del>1600.00</del>	<del>1600.00</del>	<del>180.43</del>
<del>50015.000</del>	<del>79.39</del>	<del>1420.27</del>	<del>1400.00</del>	<del>1600.00</del>	<del>1600.00</del>	<del>179.73</del>
<del>50015.000</del>	<del>79.99</del>	<del>1419.51</del>	<del>1400.00</del>	<del>1600.00</del>	<del>1600.00</del>	<del>180.49</del>
<del>50050.000</del>	<del>79.32</del>	<del>1069.75</del>	<del>1050.00</del>	<del>1166.00</del>	<del>1257.68</del>	<del>187.93</del>
<del>50050.000</del>	<del>79.91</del>	<del>1068.73</del>	<del>1050.00</del>	<del>1166.00</del>	<del>1200.00</del>	<del>131.27</del>
<del>50360.000</del>	<del>79.77</del>	<del>1099.75</del>	<del>1120.00</del>	<del>1224.00</del>	<del>1296.26</del>	<del>196.52</del>
<del>50360.000</del>	<del>80.35</del>	<del>1120.00</del>	<del>1120.00</del>	<del>1224.00</del>	<del>1260.00</del>	<del>140.00</del>
<del>53230.000</del>	<del>81.45</del>	<del>891.00</del>	<del>1067.00</del>	<del>1137.00</del>	<del>1159.49</del>	<del>268.49</del>
<del>53230.000</del>	<del>81.97</del>	<del>1000.00</del>	<del>1067.00</del>	<del>1137.00</del>	<del>1150.00</del>	<del>150.00</del>
<del>54740.000</del>	<del>82.06</del>	<del>1060.24</del>	<del>1385.00</del>	<del>1447.00</del>	<del>1485.06</del>	<del>425.21</del>
<del>54740.000</del>	<del>83.05</del>	<del>1222.00</del>	<del>1385.00</del>	<del>1447.00</del>	<del>1447.00</del>	<del>225.00</del>
<del>54831.000</del>	<del>82.44</del>	<del>1242.00</del>	<del>1385.00</del>	<del>1447.00</del>	<del>1484.35</del>	<del>242.35</del>
<del>54831.000</del>	<del>83.09</del>	<del>1270.00</del>	<del>1385.00</del>	<del>1447.00</del>	<del>1470.00</del>	<del>200.00</del>
<del>54881.000</del>	<del>82.07</del>	<del>1300.00</del>	<del>1300.00</del>	<del>1500.00</del>	<del>1466.12</del>	<del>166.12</del>
<del>54881.000</del>	<del>83.19</del>	<del>1300.00</del>	<del>1300.00</del>	<del>1500.00</del>	<del>1468.10</del>	<del>168.10</del>
<del>54899.000</del>	<del>82.51</del>	<del>1300.00</del>	<del>1300.00</del>	<del>1500.00</del>	<del>1466.25</del>	<del>166.25</del>
<del>54899.000</del>	<del>83.23</del>	<del>1300.00</del>	<del>1300.00</del>	<del>1500.00</del>	<del>1468.20</del>	<del>168.20</del>
<del>54949.000</del>	<del>82.60</del>	<del>1285.00</del>	<del>1385.00</del>	<del>1447.00</del>	<del>1482.00</del>	<del>197.00</del>
<del>54949.000</del>	<del>83.30</del>	<del>1285.00</del>	<del>1385.00</del>	<del>1447.00</del>	<del>1482.00</del>	<del>197.00</del>
<del>55500.000</del>	<del>83.07</del>	<del>1188.09</del>	<del>1272.00</del>	<del>1406.00</del>	<del>1479.82</del>	<del>291.73</del>
<del>55500.000</del>	<del>83.71</del>	<del>1221.00</del>	<del>1272.00</del>	<del>1406.00</del>	<del>1406.00</del>	<del>185.00</del>
<del>55572.000</del>	<del>83.00</del>	<del>1188.21</del>	<del>1278.00</del>	<del>1397.00</del>	<del>1428.27</del>	<del>298.05</del>
<del>55572.000</del>	<del>83.66</del>	<del>1194.00</del>	<del>1278.00</del>	<del>1397.00</del>	<del>1397.00</del>	<del>190.48</del>

ACCT NO	ENRGL	GGTA	GTCHL	GTCHR	ENRGT	TOPWID
54577.000	81.69	1190.72	1278.00	1397.00	1426.15	199.41
54577.000	82.85	1194.00	1278.00	1397.00	1397.00	187.93
55577.000	81.69	1190.56	1278.00	1397.00	1426.28	199.98
55577.000	82.87	1194.00	1278.00	1397.00	1397.00	187.94
55578.000	84.48	1081.00	1278.00	1397.00	1430.51	300.73
55578.000	84.51	1194.00	1278.00	1397.00	1397.00	193.13
55586.000	84.51	1080.54	1278.00	1397.00	1430.56	303.89
55588.000	84.53	1194.00	1278.00	1397.00	1397.00	193.19
55628.000	84.52	1080.59	1278.00	1397.00	1430.55	303.75
55628.000	84.55	1194.00	1278.00	1397.00	1397.00	193.24
57775.000	85.46	1059.95	1138.00	1226.00	1248.13	188.18
57775.000	85.47	1060.00	1138.00	1226.00	1248.00	188.00
61170.000	89.47	1371.56	1553.00	1677.00	1703.10	731.62
61170.000	89.83	1507.00	1553.00	1677.00	1677.00	170.00
62436.000	90.22	1117.01	1520.00	1620.00	1946.47	829.46
62436.000	90.63	1492.00	1520.00	1620.00	1650.00	158.00
62486.000	90.71	1099.19	1512.00	1622.00	1930.77	831.08
62486.000	90.54	1510.00	1512.00	1622.00	1650.00	140.00
62513.000	90.78	1094.29	1512.00	1622.00	1931.77	837.48
62513.000	90.73	1510.00	1512.00	1622.00	1650.00	140.00
62563.000	90.82	1110.36	1520.00	1620.00	1948.20	833.80
62563.000	91.05	1520.00	1520.00	1620.00	1675.00	155.00
62650.000	90.71	1493.00	1520.00	1620.00	1670.00	177.00
62650.000	91.09	1500.00	1520.00	1620.00	1660.00	160.00
62720.000	90.76	1550.30	1575.00	1673.00	1700.60	106.30
62720.000	91.14	1555.00	1575.00	1673.00	1690.00	135.00
63940.000	91.59	1062.22	1100.00	1212.00	1867.47	805.25
63940.000	91.90	1090.00	1100.00	1212.00	1260.00	170.00
66250.000	92.37	1570.00	1700.00	1852.00	1920.39	350.39
66250.000	93.14	1665.00	1700.00	1852.00	1855.00	190.00
66349.000	92.39	1650.00	1700.00	1852.00	1890.00	240.00
66349.000	93.17	1690.00	1700.00	1852.00	1855.00	165.00
66399.000	92.77	1405.00	1405.00	1537.00	1537.00	132.00
66399.000	93.16	1405.00	1405.00	1537.00	1537.00	132.00
66400.000	91.54	1404.99	1405.00	1537.00	1511.64	96.65
66400.000	92.50	1405.00	1405.00	1537.00	1512.91	97.91
66421.000	91.73	1400.98	1405.00	1537.00	1511.87	96.89
66421.000	92.64	1405.00	1405.00	1537.00	1513.08	98.08



ROADWAY DATA, ROCKFISH CR

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
48540.000	150.	2518.	5.0	78.7	78.0	0.7
48541.000	150.	2518.	5.0	78.7	78.0	0.7
48542.000	147.	2508.	5.0	78.7	78.0	0.7
48543.000	150.	2518.	5.0	78.7	78.0	0.7
48550.000	150.	2519.	5.0	78.7	78.0	0.7
48870.000	151.	2384.	5.3	79.7	79.1	0.6
49940.000	180.	2617.	4.8	79.9	79.3	0.6
50015.000	180.	2627.	4.8	80.0	79.4	0.6
50050.000	131.	2394.	5.3	79.9	79.3	0.6
50360.000	140.	2266.	4.4	80.4	79.8	0.6
53230.000	150.	2328.	4.3	82.0	81.5	0.5
54740.000	225.	2840.	3.5	82.1	82.5	0.4
54831.000	200.	2611.	3.9	83.1	82.4	0.7
54861.000	168.	2678.	4.2	83.2	82.5	0.7
54899.000	168.	2084.	4.8	83.2	82.5	0.7
54949.000	197.	2454.	3.5	83.3	82.6	0.7
55500.000	185.	4080.	2.5	83.7	83.1	0.6
55572.000	203.	3274.	3.1	83.7	83.0	0.7
55573.000	203.	1121.	9.0	82.9	81.6	1.3
55577.000	203.	1122.	8.8	82.9	81.7	1.2
55578.000	203.	3388.	3.0	84.5	84.5	0.0
55588.000	203.	3392.	3.0	84.5	84.5	0.0
55628.000	203.	3394.	3.0	84.5	84.5	0.0
57775.000	188.	1521.	1.6	85.5	85.5	0.0
61170.000	170.	2462.	4.1	89.8	89.5	0.3
62036.000	154.	2334.	4.3	90.2	90.2	0.0
62446.000	140.	1757.	5.7	90.5	90.2	0.3
62513.000	140.	1784.	5.6	90.8	90.8	0.0
62563.000	155.	2402.	4.2	91.0	90.8	0.2
62650.000	160.	2308.5	4.3	91.1	90.7	0.4
62720.000	135.	2279.5	4.4	91.2	90.8	0.4
63940.000	170.	2371.5	4.2	91.9	91.6	0.3
66250.000	190.	3124.*	3.2	93.2	92.4	0.8
66349.000	165.	2974.	3.0	93.2	92.4	0.8
66399.000	132.	2528.	4.0	93.1	92.3	0.8
66400.000	109.	1084.	9.3	92.5	91.5	1.0
66421.000	108.	1097.	9.2	92.6	91.7	0.9
66432.000	132.	2631.	4.8	93.9	93.3	0.6
66472.000	170.	3152.	3.2	94.0	93.4	0.6
66920.000	170.	2416.*	4.2	94.1	93.5	0.6
66990.000	200.	2452.*	4.1	94.1	93.6	0.5
71960.000	300.	2835.	3.5	99.5	98.7	0.8
75780.000	300.	3915.	2.6	102.4	101.5	0.9
77107.000	300.	3173.	3.2	103.5	102.4	1.1
77437.000	300.	3334.	3.0	103.7	102.6	1.1
77447.000	300.	3043.	3.9	104.0	103.1	0.9
77513.000	300.	3170.	3.1	103.9	103.0	0.9
77520.000	300.	3031.	3.3	104.0	103.1	0.9

*crunch study*  
*part 1*

*56605*  
*60000*

*61450*

*61750*

*62150*  
*62500*

*110*

*77470*  
*77500*

HEC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR - 01,02

MODIFICATION - 50,51,52,53

*30.0000000000*  
*100.0000000000*  
*7.0000000000*  
*station*

C UPPER ROCKFISH CR CUMBERLAND CO FIS  
T1 COMBERLAND CO., NC FIS  
T2 10 YR NATURAL  
T3 ROCKFISH CR ABOVE HOPE MILLS

J1 ICHECK INQ NINV IDIR STR1 METRIC HVINS G WSEL PG  
0. 2. 0. 0. 0.000000 0.00 0.0 0. 97.740 0.000

J2 NPROF IPLUT PRFVS XSECV XSECH FN ALLOC IEA CKNIP IIRACE  
1.000 0.000 -1.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

J3 VARIABLE CODES FOR SUMMARY PRINTCUT  
58.000 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

GT 6.000 4470.000 7940.000 9875.000 15605.000 9875.000 9875.000 0.000 0.000 0.000  
NC 0.110 0.110 0.050 0.200 0.400 0.000 0.000 0.000 0.000 0.000  
ET 0.000 0.000 0.000 0.000 0.000 0.000 9.100 0.000 0.000 1290.000 1590.000

X1 77513.000 14.000 1438.000 1500.000 50.000 50.000 50.000 0.000 -0.500 0.000  
GR 113.000 1000.000 105.300 1100.000 100.000 1200.000 98.300 1300.000 97.700 1235.000  
GR 94.600 1400.000 89.300 1438.000 82.700 1442.000 82.000 1462.000 86.100 1482.000  
GR 95.200 1500.000 98.700 1600.000 101.400 1700.000 102.500 1800.000 0.000 0.000  
NC 0.120 0.120 0.050 0.000 0.000 0.000 0.000 0.000 0.000 0.000  
GT 6.000 4470.000 7940.000 9875.000 15605.000 9875.000 9875.000 0.000 0.000 0.000  
ET 0.000 0.000 0.000 0.000 0.000 0.000 9.110 9.110 0.000 1290.000 1640.000

XXX SURV SEC CRF-30 XXX

X1 77590.000 14.000 1438.000 1500.000 77.000 77.000 77.000 0.000 0.000 0.000  
GR 113.000 1000.000 105.300 1100.000 100.000 1200.000 98.300 1300.000 97.700 1235.000  
GR 94.600 1400.000 89.300 1438.000 82.700 1442.000 82.000 1462.000 86.100 1482.000  
GR 95.200 1500.000 98.700 1600.000 101.400 1700.000 102.500 1800.000 0.000 0.000  
NH 5.000 0.110 1093.000 0.000 1112.000 0.000 1178.000 0.000 1249.000 0.120  
NH 1400.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000  
ET 0.000 0.000 0.000 0.000 0.000 0.000 9.110 0.000 0.000 1050.000 1400.000

XXX SURV SEC CRF-31 XXX

X1 79590.000 20.000 1178.000 1249.000 2000.000 2000.000 2000.000 0.000 0.000 0.000  
GR 110.700 1000.000 109.000 1025.000 100.000 1050.000 93.100 1093.000 89.800 1100.000  
GR 97.200 1100.000 89.200 1112.000 90.900 1178.000 86.400 1184.000 77.600 1209.000





XXX DAM VALLEY SEC XXX

X1	91460.000	40.000	1750.000	1930.000	535.000	500.000	535.000	0.000	0.000	0.000
GR	130.000	1025.000	127.200	1105.000	124.900	1205.000	123.100	1305.000	122.000	1425.000
GR	120.000	1460.000	118.000	1500.000	116.000	1550.000	114.000	1660.000	112.000	1685.000
GR	110.000	1700.000	107.000	1750.000	103.200	1785.000	94.900	1798.000	90.700	1814.000
GR	94.500	1830.000	102.300	1845.000	109.000	1930.000	110.000	1960.000	111.000	1990.000
GR	110.000	2050.000	109.000	2090.000	110.000	2100.000	112.000	2120.000	112.000	2150.000
GR	107.000	2185.000	97.100	2190.000	95.100	2211.000	97.000	2232.000	100.900	2245.000
GR	114.000	2310.000	116.000	2350.000	118.000	2375.000	118.000	2450.000	117.700	2550.000
GR	118.000	2660.000	120.000	2770.000	122.000	2950.000	124.000	2975.000	124.500	3175.000
NH	5.000	0.110	1750.000	0.050	1930.000	0.100	2185.000	0.040	2245.000	0.110
NH	3175.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1745.000	2300.000

XXX SEC ACROSS EMERGENCY SPILLWAY CONCRETE PAD XXX

X1	91465.000	39.000	1750.000	1930.000	5.000	5.000	5.000	0.000	0.000	0.000
GR	130.000	1025.000	127.200	1105.000	124.900	1205.000	123.100	1305.000	122.000	1425.000
GR	120.000	1460.000	118.000	1500.000	116.000	1550.000	114.000	1660.000	112.000	1685.000
GR	110.000	1700.000	107.000	1750.000	103.200	1785.000	94.900	1798.000	90.700	1814.000
GR	94.500	1830.000	102.300	1845.000	109.000	1930.000	110.000	1960.000	111.000	1990.000
GR	110.000	2050.000	109.000	2090.000	110.000	2100.000	112.000	2120.000	112.000	2150.000
GR	107.000	2185.000	102.800	2186.000	102.800	2244.000	110.000	2245.000	114.000	2310.000
GR	116.000	2350.000	118.000	2375.000	118.000	2450.000	117.700	2550.000	116.000	2660.000
GR	120.000	2770.000	122.000	2950.000	124.000	2975.000	124.500	3175.000	0.000	0.000
NH	6.000	0.100	1785.000	0.030	1845.000	0.050	1930.000	0.100	2185.000	0.030
NH	2245.000	0.100	3175.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1760.000	2300.000

XXX SEC ACROSS CONCRETE PAD XXX

X1	91502.000	38.000	1785.000	1845.000	40.000	40.000	40.000	0.000	0.000	0.000
GR	130.000	1025.000	127.200	1105.000	124.900	1205.000	123.100	1305.000	122.000	1425.000
GR	120.000	1460.000	118.000	1500.000	116.000	1550.000	114.000	1660.000	112.000	1685.000
GR	110.000	1700.000	107.000	1750.000	103.200	1785.000	94.400	1786.000	94.400	1844.000
GR	102.300	1845.000	109.000	1930.000	110.000	1960.000	111.000	1990.000	110.000	2050.000
GR	100.000	2090.000	110.000	2100.000	112.000	2120.000	112.000	2150.000	107.000	2185.000
GR	107.100	2186.000	107.100	2244.000	110.000	2245.000	114.000	2310.000	116.000	2350.000
GR	118.000	2375.000	118.000	2450.000	117.700	2550.000	116.000	2660.000	120.000	2770.000
GR	122.000	2950.000	124.000	2975.000	124.500	3175.000	0.000	0.000	0.000	0.000
QT	6.000	4385.000	7795.000	9700.000	15340.000	9700.000	9700.000	0.000	0.000	0.000
NH	6.000	0.100	1785.000	0.030	1845.000	0.060	1925.000	0.050	2185.000	0.030
NH	2245.000	0.090	3175.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1670.000	2261.000

XXX SURV SEC CRF-37 DAM AT UPCHURCH PGND XXX

X1	91542.000	47.000	1785.000	1845.000	40.000	40.000	40.000	0.000	0.000	0.000
GR	130.000	1025.000	127.200	1105.000	124.900	1205.000	123.100	1305.000	122.000	1425.000
GR	120.000	1460.000	118.000	1500.000	116.000	1550.000	115.100	1600.000	114.000	1680.000
GR	112.000	1685.000	110.000	1700.000	103.200	1785.000	94.800	1786.000	94.800	1844.000
GR	102.300	1845.000	109.000	1925.000	110.000	1960.000	111.000	1990.000	110.900	2000.000
GR	110.000	2050.000	109.000	2090.000	110.000	2100.000	112.000	2120.000	114.000	2165.000
GR	112.700	2185.000	112.700	2245.000	113.500	2270.000	114.000	2315.000	116.000	2350.000
GR	118.000	2375.000	118.000	2410.000	118.000	2455.000	117.800	2520.000	117.800	2530.000
GR	117.700	2550.000	117.900	2615.000	118.000	2660.000	119.500	2740.000	120.000	2770.000
GR	121.300	2890.000	122.000	2950.000	122.800	2960.000	124.000	2975.000	124.100	3025.000
GR	124.400	3150.000	124.500	3175.000	0.000	0.000	0.000	0.000	0.000	0.000
NH	6.000	0.080	1785.000	0.030	1845.000	0.060	1925.000	0.080	2185.000	0.030









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HEC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR CORR - 01,02

MODIFICATION - 50,51,52,53  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

ROCKFISH CR ABOVE HOPE M

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELMIN	ELLC
77513.000	97.74	98.00	81.50	0.00
77513.000	101.44	101.78	81.50	0.00
77513.000	103.04	103.35	81.50	0.00
77513.000	106.33	106.63	81.50	0.00
77590.000	97.80	98.20	82.00	0.00
77590.000	101.47	101.89	82.00	0.00
77590.000	103.06	103.46	82.00	0.00
77590.000	106.35	106.73	82.00	0.00
79590.000	99.22	99.31	77.60	0.00
79590.000	102.94	103.06	77.60	0.00
79590.000	104.48	104.64	77.60	0.00
79590.000	107.80	108.03	77.60	0.00
82450.000	100.37	100.69	82.60	0.00
82450.000	104.21	104.68	82.60	0.00
82450.000	105.83	106.33	82.60	0.00
82450.000	109.44	110.00	82.60	0.00
84560.000	102.16	102.35	83.40	0.00
84560.000	106.12	106.40	83.40	0.00
84560.000	107.73	108.03	83.40	0.00
84560.000	111.32	111.60	83.40	0.00
85300.000	102.72	103.09	83.70	0.00
85300.000	106.65	107.07	83.70	0.00
85300.000	108.25	108.66	83.70	0.00
85300.000	111.77	112.14	83.70	0.00
86380.000	103.94	104.40	84.10	0.00
86380.000	107.80	108.48	84.10	0.00
86380.000	109.33	110.10	84.10	0.00
86380.000	112.67	113.67	84.10	0.00
90300.000	107.07	107.25	90.60	0.00
90300.000	111.34	111.57	90.60	0.00
90300.000	113.01	113.26	90.60	0.00
90300.000	116.76	117.02	90.60	0.00

SECNO	CWSEL	EG	ELMIN	ELLC
90925.000	107.40	107.50	90.00	0.00
90925.000	111.73	111.83	90.00	0.00
90925.000	113.43	113.52	90.00	0.00
90925.000	117.19	117.26	90.00	0.00
91460.000	107.61	107.72	90.70	0.00
91460.000	111.92	112.00	90.70	0.00
91460.000	113.59	113.67	90.70	0.00
91460.000	117.31	117.40	90.70	0.00
91465.000	107.56	107.76	90.70	0.00
91465.000	111.89	112.02	90.70	0.00
91465.000	113.57	113.69	90.70	0.00
91465.000	117.29	117.41	90.70	0.00
91502.000	107.47	107.87	94.40	0.00
91502.000	111.80	112.11	94.40	0.00
91502.000	113.49	113.77	94.40	0.00
91502.000	117.23	117.48	94.40	0.00
91542.000	107.46	107.91	94.80	0.00
91542.000	111.70	112.20	94.80	0.00
91542.000	113.38	113.87	94.80	0.00
91542.000	117.15	117.55	94.80	0.00
91543.000	121.81	123.39	117.40	121.40
91543.000	123.73	124.73	117.40	121.40
91543.000	124.17	125.16	117.40	121.40
91543.000	125.09	125.68	117.40	121.40
91557.000	123.65	123.95	117.40	121.40
91557.000	124.95	125.13	117.40	121.40
91557.000	125.39	125.54	117.40	121.40
91557.000	125.76	126.01	117.40	121.40
91558.000	124.00	124.01	90.80	0.00
91558.000	125.16	125.16	90.80	0.00
91558.000	125.56	125.57	90.80	0.00
91558.000	126.05	126.06	90.80	0.00
91608.000	124.00	124.01	90.80	0.00
91608.000	125.16	125.16	90.80	0.00
91608.000	125.56	125.57	90.80	0.00
91608.000	126.05	126.06	90.80	0.00

ROCKFISH CR ABOVE HOPE H

SUMMARY PRINTOUT

SECNO	CWSEL	GLOB	GCH	GROB	VLOB	VCF	VRCH
77513.000	97.74	460.47	3931.89	77.64	1.20	4.99	0.59
77513.000	101.44	1612.30	5602.71	724.99	1.33	5.51	1.03
77513.000	103.04	2362.87	6203.57	1308.56	1.41	5.56	1.12
77513.000	106.33	4585.26	7877.09	3142.65	1.66	5.97	1.46
77590.000	97.80	384.63	4034.40	50.97	1.17	5.31	0.53
77590.000	101.47	1419.45	5924.56	595.98	1.31	6.00	1.00
77590.000	103.06	2139.21	6616.05	1119.74	1.40	6.09	1.09
77590.000	106.35	4275.20	8449.48	2880.31	1.64	6.55	1.43
79590.000	99.22	1213.31	3009.11	247.59	1.36	2.85	0.46
79590.000	102.94	2382.06	4661.20	896.74	1.74	3.54	0.83
79590.000	104.48	3047.04	5535.99	1291.97	1.93	3.86	0.96
79590.000	107.80	5035.47	8068.40	2501.13	2.45	4.65	1.36
82450.000	100.37	51.04	4088.91	330.05	0.95	4.79	0.96
82450.000	104.21	140.14	6526.82	1273.04	1.31	6.04	1.26
82450.000	105.83	216.02	7580.45	2078.53	1.27	6.45	1.30
82450.000	109.44	523.93	10219.44	4861.63	1.47	7.36	1.69
84560.000	102.16	10.67	4452.96	6.37	0.37	3.57	0.37
84560.000	106.12	195.71	7624.31	119.98	0.70	4.32	0.72
84560.000	107.73	651.41	8984.14	239.45	0.59	4.55	0.75
84560.000	111.32	3033.02	11834.95	737.04	0.93	4.85	1.02
85300.000	102.72	15.35	3982.30	472.36	0.57	5.14	1.34
85300.000	106.65	151.83	6007.94	1780.23	1.04	5.94	1.21
85300.000	108.25	287.97	6790.32	2796.70	0.96	6.14	1.33
85300.000	111.77	1036.15	8526.08	6042.77	1.13	6.47	1.54
86380.000	103.94	14.73	4416.26	39.02	0.49	5.43	0.88
86380.000	107.86	499.02	7257.32	163.66	1.06	6.69	1.40
86380.000	109.33	960.33	6625.70	288.97	1.36	7.52	1.57
86380.000	112.67	2737.95	12206.13	660.92	1.94	9.01	1.96
90300.000	107.07	144.55	3749.31	576.14	0.97	3.68	1.07
90300.000	111.34	419.46	5875.17	1645.37	1.06	4.44	1.06
90300.000	113.01	630.73	6763.46	2460.81	1.08	4.69	1.13
90300.000	116.76	1422.91	8963.36	5218.73	1.17	5.25	1.32
90925.000	107.40	24.14	1890.13	2555.74	0.43	2.74	2.50
90925.000	111.73	142.52	2995.94	4801.54	0.76	3.26	1.93
90925.000	113.43	213.85	3413.49	6247.66	0.84	3.38	1.68
90925.000	117.19	410.14	4231.40	10963.46	0.94	3.50	1.51
91460.000	107.61	0.43	2241.33	2228.24	0.14	2.26	3.02
91460.000	111.92	99.75	4301.88	3538.37	0.54	2.45	2.20
91460.000	113.59	197.37	5293.50	4384.13	0.64	2.57	1.97
91460.000	117.31	644.21	7873.92	7086.87	0.70	2.89	1.69
91465.000	107.56	0.54	3423.99	1045.47	0.21	3.47	3.71
91465.000	111.89	126.97	5526.38	2286.64	0.69	3.15	2.32
91465.000	113.57	241.80	6518.97	3114.23	0.79	3.17	1.96
91465.000	117.29	747.97	9156.60	5700.43	0.82	3.36	1.84



SECNO	CHSEL	QLOB	GCH	GROB	VLOB	VCH	VRGB
91502.000	107.47	49.10	4090.92	329.98	0.58	5.27	0.99
91502.000	111.80	332.68	5484.33	2122.99	0.81	5.29	1.46
91502.000	113.49	522.98	6038.55	3313.47	0.86	5.31	1.51
91502.000	117.23	1221.48	7516.11	6867.40	0.92	5.52	1.70
91542.000	107.46	66.12	4143.46	175.43	0.58	5.51	1.10
91542.000	111.70	427.56	6317.58	1049.86	0.96	6.28	1.32
91542.000	113.38	683.50	7182.52	1833.98	1.10	6.49	1.36
91542.000	117.15	1527.12	8807.34	5005.54	1.14	6.61	1.59
91543.000	121.81	0.00	2539.03	1845.96	0.00	11.68	7.37
91543.000	123.73	757.18	2381.11	4656.71	3.37	10.92	6.70
91543.000	124.17	1475.64	2419.11	5805.24	3.91	11.09	7.19
91543.000	125.09	3898.18	1974.12	9467.69	4.74	8.81	6.04
91557.000	123.65	447.52	1192.42	2745.06	2.18	5.47	4.06
91557.000	124.95	2018.26	946.90	4829.84	2.72	4.32	3.44
91557.000	125.39	2723.94	903.33	6072.72	2.74	3.74	3.18
91557.000	125.76	4475.93	1272.48	9591.59	3.64	4.80	4.05
91556.000	124.00	1.45	4274.38	109.18	0.01	0.22	0.03
91558.000	125.16	6.36	7550.53	238.11	0.02	0.38	0.05
91558.000	125.56	10.29	9373.40	316.31	0.03	0.46	0.06
91558.000	126.05	21.44	14779.72	538.84	0.05	0.71	0.09
91608.000	124.00	1.45	4274.38	109.18	0.01	0.22	0.03
91608.000	125.16	6.36	7550.53	238.11	0.02	0.38	0.05
91608.000	125.56	10.29	9373.40	316.31	0.03	0.46	0.06
91608.000	126.05	21.44	14779.71	538.85	0.05	0.71	0.09

ROCKFISH CR ABOVE HOPE M

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
77513.000	97.74	1303.50	1438.00	1500.00	1586.86	283.36
77513.000	101.44	1163.40	1438.00	1500.00	1749.09	585.69
77513.000	103.04	1133.21	1438.00	1500.00	1800.00	666.79
77513.000	106.33	1080.13	1438.00	1500.00	1800.00	719.87
77590.000	97.80	1329.25	1438.00	1500.00	1574.24	244.94
77590.000	101.47	1172.26	1438.00	1500.00	1706.38	534.12
77590.000	103.06	1142.22	1438.00	1500.00	1800.00	657.78
77590.000	106.35	1086.38	1438.00	1500.00	1800.00	713.62
79590.000	99.22	1058.86	1178.00	1249.00	1584.25	365.49
79590.000	102.94	1043.50	1178.00	1249.00	1622.00	578.50
79590.000	104.48	1038.77	1178.00	1249.00	1633.63	594.86
79590.000	107.80	1028.65	1178.00	1249.00	1658.53	629.89
82450.000	100.37	1075.56	1086.00	1145.00	1253.13	177.57
82450.000	104.21	1053.69	1086.00	1145.00	1438.00	384.31
82450.000	105.83	1042.95	1086.00	1145.00	1500.00	457.05
82450.000	109.44	1025.22	1086.00	1145.00	1500.00	474.76
84560.000	102.16	1163.48	1190.00	1320.00	1336.14	172.67
84560.000	106.12	998.60	1190.00	1320.00	1389.72	390.92
84560.000	107.73	600.60	1190.00	1320.00	1420.02	819.43
84560.000	111.32	580.00	1190.00	1320.00	1449.93	869.93
85300.000	102.72	1206.44	1225.00	1285.00	1385.25	178.80
85300.000	106.65	1163.89	1225.00	1285.00	1671.47	507.58
85300.000	108.25	1100.02	1225.00	1285.00	1721.19	621.17
85300.000	111.77	1030.00	1225.00	1285.00	1815.00	785.00
86380.000	103.94	1187.20	1223.00	1285.00	1299.40	112.20
86380.000	107.80	1072.46	1223.00	1285.00	1316.23	243.77
86380.000	109.33	1053.41	1223.00	1285.00	1323.10	269.69
86380.000	112.67	1000.00	1223.00	1285.00	1338.13	338.13
90300.000	107.07	1048.96	1075.00	1146.00	1242.11	193.15
90300.000	111.34	980.50	1075.00	1146.00	1508.75	528.25
90300.000	113.01	945.53	1075.00	1146.00	1557.45	611.90
90300.000	116.76	867.69	1075.00	1146.00	1665.78	798.09
90925.000	107.40	1047.32	1070.00	1123.00	1972.61	192.64
90925.000	111.73	1032.68	1070.00	1123.00	2061.61	742.71
90925.000	113.43	1027.24	1070.00	1123.00	2065.34	909.45
90925.000	117.19	1015.15	1070.00	1123.00	2073.64	1058.49
91460.000	107.61	1739.96	1750.00	1930.00	2278.26	269.79
91460.000	111.92	1685.62	1750.00	1930.00	2299.67	582.66
91460.000	113.59	1665.13	1750.00	1930.00	2307.96	642.84
91460.000	117.31	1517.27	1750.00	1930.00	2366.37	849.10
91465.000	107.56	1740.64	1750.00	1930.00	2244.66	234.64
91465.000	111.89	1685.81	1750.00	1930.00	2275.74	558.08
91465.000	113.57	1665.41	1750.00	1930.00	2302.97	637.56
91465.000	117.29	1517.47	1750.00	1930.00	2366.27	848.80

SECNO	CHSEL	SSTA	STCHL	STCHR	ENDST	TOPx10
91502.000	107.47	1742.16	1785.00	1845.00	2244.13	268.20
91502.000	111.80	1686.49	1785.00	1845.00	2274.28	554.43
91502.000	113.49	1666.41	1785.00	1845.00	2301.67	635.26
91502.000	117.23	1519.30	1785.00	1845.00	2365.35	846.06
91542.000	107.46	1731.73	1785.00	1845.00	1906.63	174.89
91542.000	111.70	1607.22	1785.00	1845.00	2117.04	429.82
91542.000	113.38	1667.80	1785.00	1845.00	2266.12	574.66
91542.000	117.15	1521.31	1785.00	1845.00	2364.34	843.03
91543.000	121.81	1785.30	1785.00	1845.00	2521.04	326.86
91543.000	123.73	1270.12	1785.00	1845.00	2527.43	640.63
91543.000	124.17	1245.79	1785.00	1845.00	2528.89	776.62
91543.000	125.09	1196.69	1785.00	1845.00	3175.00	1754.37
91557.000	123.65	1274.18	1785.00	1845.00	2527.18	609.17
91557.000	124.95	1203.01	1785.00	1845.00	3175.00	1706.00
91557.000	125.39	1183.91	1785.00	1845.00	3175.00	1841.53
91557.000	125.76	1167.16	1785.00	1845.00	3175.00	1990.94
91558.000	124.00	1254.73	1360.00	2250.00	2976.95	1722.22
91558.000	125.16	1193.68	1360.00	2250.00	3175.00	1981.32
91558.000	125.56	1176.16	1360.00	2250.00	3175.00	1998.84
91558.000	126.05	1154.95	1360.00	2250.00	3175.00	2020.05
91608.000	124.00	1254.73	1360.00	2250.00	2976.95	1722.22
91608.000	125.16	1193.67	1360.00	2250.00	3175.00	1981.33
91608.000	125.56	1176.16	1360.00	2250.00	3175.00	1998.84
91608.000	126.05	1154.94	1360.00	2250.00	3175.00	2020.06

ROCKFISH CR ABOVE HOPE M

SUMMARY PRINTOUT TABLE 150

SECNO	ALCH	ELTRD	ELLC	ELMJA	G	CASEL	CHIAS	EG	ICRAS	VCH	AREA	.CHK
77513.000	50.00	0.00	0.00	81.50	4470.00	97.74	0.00	98.00	10.85	4.94	1302.50	1356.96
77513.000	50.00	0.00	0.00	81.50	7940.00	101.44	0.00	101.78	9.39	5.51	2426.21	2590.01
77513.000	50.00	0.00	0.00	81.50	9875.00	103.04	0.00	103.35	8.44	5.50	3954.67	3398.57
77513.000	50.00	0.00	0.00	81.50	15605.00	106.33	0.00	106.63	7.78	5.97	6243.65	5595.04
77590.000	77.00	0.00	0.00	82.00	4470.00	97.80	0.00	98.20	12.85	5.31	1185.94	1246.73
77590.000	77.00	0.00	0.00	82.00	7940.00	101.47	0.00	101.89	11.57	6.00	2663.10	2334.00
77590.000	77.00	0.00	0.00	82.00	9875.00	103.06	0.00	103.48	10.50	6.04	3630.35	3046.01
77590.000	77.00	0.00	0.00	82.00	15605.00	106.35	0.00	106.73	9.66	6.55	5898.60	5020.93
79590.000	2000.00	0.00	0.00	77.60	4470.00	99.22	0.00	99.31	2.86	2.85	2462.44	2642.44
79590.000	2000.00	0.00	0.00	77.60	7940.00	102.94	0.00	103.06	3.26	3.54	3764.60	4398.66
79590.000	2000.00	0.00	0.00	77.60	9875.00	104.48	0.00	104.64	3.52	3.68	4321.05	5264.07
79590.000	2000.00	0.00	0.00	77.60	15605.00	107.80	0.00	108.03	4.09	4.85	5537.34	7363.69
82450.000	2860.00	0.00	0.00	82.60	4470.00	100.37	0.00	100.69	8.08	4.79	1251.54	1572.70
82450.000	2860.00	0.00	0.00	82.60	7940.00	104.21	0.00	104.68	9.38	6.04	2233.80	2591.07
82450.000	2860.00	0.00	0.00	82.60	9875.00	105.83	0.00	106.33	9.53	6.45	2938.79	3198.04
82450.000	2860.00	0.00	0.00	82.60	15605.00	109.44	0.00	110.00	9.96	7.36	4618.53	4945.70
84560.000	2110.00	0.00	0.00	83.40	4470.00	102.10	0.00	102.35	7.42	3.57	1293.91	1640.70
84560.000	2110.00	0.00	0.00	83.40	7940.00	106.12	0.00	106.40	6.67	4.32	2207.33	3029.57
84560.000	2110.00	0.00	0.00	83.40	9875.00	107.73	0.00	108.03	6.55	4.55	3279.95	3857.55
84560.000	2110.00	0.00	0.00	83.40	15605.00	111.32	0.00	111.60	5.61	4.85	6430.40	6591.30
85300.000	740.00	0.00	0.00	83.70	4470.00	102.72	0.00	103.09	11.13	5.14	1153.27	1240.05
85300.000	740.00	0.00	0.00	83.70	7940.00	106.85	0.00	107.07	10.42	5.94	2623.89	2459.07
85300.000	740.00	0.00	0.00	83.70	9875.00	108.25	0.00	108.66	9.84	6.14	3506.41	3147.78
85300.000	740.00	0.00	0.00	83.70	15605.00	111.77	0.00	112.14	8.67	6.47	6174.89	5301.05
86380.000	1080.00	0.00	0.00	84.10	4470.00	103.94	0.00	104.40	12.71	5.43	887.60	1253.95
86380.000	1080.00	0.00	0.00	84.10	7940.00	107.80	0.00	108.40	14.52	6.89	1646.90	2683.47
86380.000	1080.00	0.00	0.00	84.10	9875.00	109.33	0.00	110.10	15.40	7.52	2638.24	2516.01
86380.000	1080.00	0.00	0.00	84.10	15605.00	112.67	0.00	113.67	17.75	9.01	3102.80	3704.44
90300.000	3920.00	0.00	0.00	90.60	4470.00	107.07	0.00	107.25	4.57	3.60	1704.46	2091.49
90300.000	3920.00	0.00	0.00	90.60	7940.00	111.34	0.00	111.57	4.71	4.44	3268.63	3658.01
90300.000	3920.00	0.00	0.00	90.60	9875.00	113.01	0.00	113.20	4.68	4.64	4225.75	4563.54
90300.000	3920.00	0.00	0.00	90.60	15605.00	116.70	0.00	117.02	4.68	5.25	6859.08	7211.84
90925.000	625.00	0.00	0.00	90.00	4470.00	107.40	0.00	107.50	3.23	2.74	1770.30	2487.14
90925.000	625.00	0.00	0.00	90.00	7940.00	111.73	0.00	111.83	3.11	3.20	3599.17	4498.78
90925.000	625.00	0.00	0.00	90.00	9875.00	113.43	0.00	113.52	2.97	3.38	4982.62	5733.64
90925.000	625.00	0.00	0.00	90.00	15605.00	117.14	0.00	117.26	2.50	3.50	8067.25	9867.63
91460.000	535.00	0.00	0.00	90.70	4470.00	107.61	0.00	107.72	5.41	2.20	1752.21	1921.11
91460.000	535.00	0.00	0.00	90.70	7940.00	111.92	0.00	112.00	3.40	2.45	3549.68	4308.05
91460.000	535.00	0.00	0.00	90.70	9875.00	113.59	0.00	113.67	3.04	2.57	4597.40	5667.33
91460.000	535.00	0.00	0.00	90.70	15605.00	117.31	0.00	117.40	2.63	2.89	7392.35	9629.32
91465.000	5.00	0.00	0.00	90.70	4470.00	107.56	0.00	107.76	12.87	3.47	1269.49	1246.07
91465.000	5.00	0.00	0.00	90.70	7940.00	111.89	0.00	112.02	5.66	3.15	2921.67	3338.35
91465.000	5.00	0.00	0.00	90.70	9875.00	113.57	0.00	113.69	4.63	3.17	3546.36	4586.07
91465.000	5.00	0.00	0.00	90.70	15605.00	117.29	0.00	117.41	3.56	3.36	6747.86	8273.14

SECR0	XLCH	ELTRD	ELLC	ELMIN	G	CHSEL	CRKRS	EG	ICRS	VCH	AREA	.01K
91502.000	40.00	0.00	0.00	94.40	4470.00	107.47	0.00	107.87	5.01	5.27	1192.43	1997.02
91502.000	40.00	0.00	0.00	94.40	7940.00	111.80	0.00	112.11	3.44	5.29	2900.86	4282.75
91502.000	40.00	0.00	0.00	94.40	9875.00	113.49	0.00	113.77	3.05	5.31	3924.55	5050.17
91502.000	40.00	0.00	0.00	94.40	15605.00	117.23	0.00	117.48	2.60	5.52	6714.84	9666.00
91542.000	40.00	0.00	0.00	94.80	4385.00	107.46	0.00	107.91	5.63	5.51	1024.24	1848.04
91542.000	40.00	0.00	0.00	94.80	7795.00	111.70	0.00	112.20	4.55	6.20	2243.53	3503.53
91542.000	40.00	0.00	0.00	94.80	9700.00	113.38	0.00	113.87	4.66	6.49	3054.30	4492.52
91542.000	40.00	0.00	0.00	94.80	15340.00	117.15	0.00	117.55	3.77	6.61	5853.52	7900.64
91543.000	1.00	121.20	121.40	117.40	4385.00	121.81	121.81	123.39	349.82	11.08	407.92	234.45
91543.000	1.00	121.20	121.40	117.40	7795.00	123.73	123.73	124.73	315.95	10.92	1137.55	430.54
91543.000	1.00	121.20	121.40	117.40	9700.00	124.17	124.17	125.16	326.28	11.04	1402.91	537.01
91543.000	1.00	121.20	121.40	117.40	15340.00	125.09	125.09	125.68	295.16	8.81	2614.79	892.09
91557.000	14.00	121.20	121.40	117.40	4385.00	123.65	0.00	123.95	140.77	5.47	1100.20	369.59
91557.000	14.00	121.20	121.40	117.40	7795.00	124.95	0.00	125.13	104.36	4.32	2366.67	763.03
91557.000	14.00	121.20	121.40	117.40	9700.00	125.39	0.00	125.54	85.74	3.74	3144.24	1047.53
91557.000	14.00	121.20	121.40	117.40	15340.00	125.70	0.00	126.01	125.49	4.00	3075.32	1369.40
91558.000	1.00	0.00	0.00	90.80	4385.00	124.00	0.00	124.01	0.00	0.22	23206.16	74297.06
91558.000	1.00	0.00	0.00	90.80	7795.00	125.16	0.00	125.16	0.01	0.38	25412.79	81610.73
91558.000	1.00	0.00	0.00	90.80	9700.00	125.56	0.00	125.57	0.01	0.46	26214.60	84253.13
91558.000	1.00	0.00	0.00	90.80	15340.00	126.05	0.00	126.06	0.03	0.71	27194.97	87513.69
91608.000	50.00	0.00	0.00	90.80	4385.00	124.00	0.00	124.01	0.00	0.22	23206.16	74297.97
91608.000	50.00	0.00	0.00	90.80	7795.00	125.16	0.00	125.16	0.01	0.38	25412.80	81611.03
91608.000	50.00	0.00	0.00	90.80	9700.00	125.56	0.00	125.57	0.01	0.46	26214.73	84253.57
91608.000	50.00	0.00	0.00	90.80	15340.00	126.05	0.00	126.06	0.03	0.71	27195.26	87514.93

ROCKFISH CR ABOVE HOPE M

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CASEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
77513.000	4470.00	97.74	0.00	0.00	0.00	283.36	50.00
77513.000	7940.00	101.44	3.70	0.00	0.00	585.69	50.00
77513.000	9875.00	103.04	1.60	0.00	0.00	666.79	50.00
77513.000	15605.00	106.33	3.29	0.00	0.00	719.87	50.00
77590.000	4470.00	97.80	0.00	0.06	0.00	244.99	77.00
77590.000	7940.00	101.47	3.67	0.03	0.00	534.12	77.00
77590.000	9875.00	103.06	1.59	0.02	0.00	657.78	77.00
77590.000	15605.00	106.35	3.29	0.02	0.00	713.62	77.00
79590.000	4470.00	99.22	0.00	1.42	0.00	365.49	2000.00
79590.000	7940.00	102.94	3.72	1.47	0.00	578.50	2000.00
79590.000	9875.00	104.48	1.55	1.42	0.00	594.86	2000.00
79590.000	15605.00	107.80	3.32	1.46	0.00	629.89	2000.00
82450.000	4470.00	100.37	0.00	1.15	0.00	177.57	2860.00
82450.000	7940.00	104.21	3.84	1.27	0.00	384.31	2860.00
82450.000	9875.00	105.83	1.63	1.35	0.00	457.05	2860.00
82450.000	15605.00	109.44	3.61	1.63	0.00	474.78	2860.00
84560.000	4470.00	102.16	0.00	1.79	0.00	172.67	2110.00
84560.000	7940.00	106.12	3.96	1.91	0.00	390.92	2110.00
84560.000	9875.00	107.73	1.61	1.90	0.00	819.43	2110.00
84560.000	15605.00	111.32	3.59	1.89	0.00	869.93	2110.00
85300.000	4470.00	102.72	0.00	0.56	0.00	178.80	740.00
85300.000	7940.00	106.65	3.94	0.53	0.00	507.58	740.00
85300.000	9875.00	108.25	1.60	0.51	0.00	621.17	740.00
85300.000	15605.00	111.77	3.52	0.45	0.00	785.00	740.00
86380.000	4470.00	103.94	0.00	1.23	0.00	112.20	1080.00
86380.000	7940.00	107.80	3.86	1.15	0.00	243.77	1080.00
86380.000	9875.00	109.33	1.52	1.08	0.00	269.69	1080.00
86380.000	15605.00	112.67	3.34	0.89	0.00	338.13	1080.00
90300.000	4470.00	107.07	0.00	3.13	0.00	193.15	3920.00
90300.000	7940.00	111.34	4.27	3.53	0.00	528.25	3920.00
90300.000	9875.00	113.01	1.68	3.69	0.00	611.90	3920.00
90300.000	15605.00	116.76	3.75	4.10	0.00	798.09	3920.00
90925.000	4470.00	107.40	0.00	0.33	0.00	192.84	625.00
90925.000	7940.00	111.73	4.34	0.40	0.00	742.71	625.00
90925.000	9875.00	113.43	1.69	0.41	0.00	909.45	625.00
90925.000	15605.00	117.19	3.76	0.43	0.00	1058.45	625.00
91460.000	4470.00	107.61	0.00	0.21	0.00	269.79	535.00
91460.000	7940.00	111.92	4.31	0.18	0.00	582.66	535.00
91460.000	9875.00	113.59	1.67	0.16	0.00	642.84	535.00
91460.000	15605.00	117.31	3.72	0.12	0.00	849.10	535.00
91465.000	4470.00	107.56	0.00	-0.05	0.00	234.69	5.00
91465.000	7940.00	111.89	4.33	-0.03	0.00	558.08	5.00
91465.000	9875.00	113.57	1.68	-0.02	0.00	637.56	5.00
91465.000	15605.00	117.29	3.72	-0.02	0.00	848.80	5.00

SECNO	D	CKSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
91502.000	4470.00	107.47	0.00	-0.09	0.00	268.20	40.00
91502.000	7940.00	111.80	4.33	-0.09	0.00	554.43	40.00
91502.000	9875.00	113.49	1.69	-0.08	0.00	635.26	40.00
91502.000	15605.00	117.23	3.74	-0.06	0.00	846.06	40.00
91542.000	4385.00	107.46	0.00	-0.01	0.00	174.89	40.00
91542.000	7795.00	111.70	4.24	-0.10	0.00	429.62	40.00
91542.000	9700.00	113.38	1.67	-0.11	0.00	574.66	40.00
91542.000	15340.00	117.15	3.77	-0.08	0.00	843.03	40.00
91543.000	4385.00	121.81	0.00	14.35	0.00	328.86	1.00
91543.000	7795.00	123.73	1.91	12.02	0.00	640.63	1.00
91543.000	9700.00	124.17	0.44	10.79	0.00	776.62	1.00
91543.000	15340.00	125.09	0.93	7.94	0.00	1754.37	1.00
91557.000	4385.00	123.65	0.00	1.84	0.00	609.17	14.00
91557.000	7795.00	124.95	1.30	1.22	0.00	1706.00	14.00
91557.000	9700.00	125.39	0.44	1.22	0.00	1841.53	14.00
91557.000	15340.00	125.76	0.38	0.67	0.00	1990.94	14.00
91558.000	4385.00	124.00	0.00	0.35	0.00	1722.22	1.00
91558.000	7795.00	125.16	1.16	0.21	0.00	1981.32	1.00
91558.000	9700.00	125.56	0.40	0.18	0.00	1998.84	1.00
91558.000	15340.00	126.05	0.49	0.29	0.00	2020.05	1.00
91608.000	4385.00	124.00	0.00	0.00	0.00	1722.22	50.00
91608.000	7795.00	125.16	1.16	0.00	0.00	1981.33	50.00
91608.000	9700.00	125.56	0.40	0.00	0.00	1998.84	50.00
91608.000	15340.00	126.05	0.49	0.00	0.00	2020.06	50.00

SUMMARY OF ERRORS

- CAUTION SECNO=91543.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=91543.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=91543.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE KSEL
- CAUTION SECNO=91543.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=91543.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=91543.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE KSEL
- CAUTION SECNO=91543.000 PROFILE= 3 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=91543.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=91543.000 PROFILE= 3 20 TRIALS ATTEMPTED TO BALANCE KSEL
- CAUTION SECNO=91543.000 PROFILE= 4 CRITICAL DEPTH ASSUMED
- CAUTION SECNO=91543.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
- CAUTION SECNO=91543.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE KSEL





XXX SURV SEC CRF-32 XXX

X1	82450.000	14.000	1086.000	1145.000	2860.000	2860.000	2860.000	0.000	0.000	0.000
GR	111.400	1000.000	110.500	1020.000	104.400	1050.000	103.100	1075.000	96.200	1076.000
GR	91.900	1086.000	87.600	1090.000	82.600	1115.000	88.000	1140.000	91.700	1145.000
GR	98.400	1200.000	102.100	1300.000	103.600	1400.000	105.200	1500.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	935.000	1335.000

XXX TOPO SEC CRF-32A NON-EFF FLOW IN LOB XXX

X1	84560.000	16.000	1190.000	1320.000	2110.000	2110.000	2110.000	0.000	0.000	0.000
GR	110.000	580.000	106.700	610.000	106.300	890.000	106.000	1070.000	104.000	1145.000
GR	102.000	1165.000	100.000	1190.000	94.000	1210.000	91.000	1238.000	83.400	1256.000
GR	91.100	1278.000	100.000	1320.000	102.000	1335.000	104.000	1350.000	108.000	1425.000
GR	112.000	1455.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1220.000	1620.000

XXX TOPO SEC CRF-32B NON-EFF FLOW IN LOB XXX

X1	85300.000	18.000	1225.000	1285.000	650.000	740.000	740.000	0.000	0.000	0.000
GR	110.000	1030.000	106.000	1190.000	104.000	1200.000	102.000	1210.000	100.000	1225.000
GR	91.300	1238.000	83.700	1256.000	91.400	1278.000	92.500	1285.000	98.000	1320.000
GR	100.000	1330.000	102.000	1355.000	104.000	1440.000	104.800	1510.000	103.400	1600.000
GR	104.000	1635.000	108.000	1690.000	109.000	1815.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1090.000	1290.000

XXX SURV SEC CRF-33 XXX

X1	86380.000	12.000	1223.000	1285.000	1080.000	980.000	1080.000	0.000	0.000	0.000
GR	110.600	1000.000	109.600	1050.000	105.600	1100.000	103.700	1200.000	101.700	1223.000
GR	91.700	1238.000	84.100	1256.000	91.800	1278.000	97.800	1285.000	104.200	1300.000
GR	115.300	1350.000	120.600	1400.000	0.000	0.000	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
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1050.000	1350.000

XXX SURV SEC CRF-34 XXX

X1	90300.000	15.000	1075.000	1146.000	3920.000	3920.000	3920.000	0.000	0.000	0.000
GR	120.000	800.000	110.400	1000.000	107.000	1050.000	97.300	1070.000	96.600	1075.000
GR	94.400	1078.000	90.600	1113.000	93.600	1140.000	97.200	1146.000	97.500	1172.000
GR	102.800	1200.000	109.900	1270.000	107.700	1300.000	110.000	1470.000	120.000	1760.000
NH	5.000	0.110	1070.000	0.050	1123.000	0.100	1775.000	0.050	1975.000	0.110
NH	2075.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1065.000	1975.000

XXX SURV SEC CRF-35 & CRF-36 ACROSS EMERGENCY SPILLWAY CHANNEL XXX

X1	90925.000	23.000	1070.000	1123.000	625.000	625.000	625.000	0.000	0.000	0.000
GR	121.900	1000.000	107.900	1045.000	102.500	1070.000	94.200	1079.000	90.000	1095.000
GR	93.800	1111.000	101.600	1123.000	107.900	1153.000	107.800	1200.000	110.000	1230.000
GR	110.800	1320.000	110.000	1360.000	108.400	1400.000	110.000	1450.000	114.000	1775.000
GR	113.300	1875.000	95.000	1900.000	93.000	1921.000	94.900	1942.000	98.800	1965.000
GR	110.100	1975.000	110.100	2058.000	117.800	2075.000	0.000	0.000	0.000	0.000
NH	5.000	0.110	1750.000	0.050	1930.000	0.110	2185.000	0.050	2310.000	0.110
NH	3175.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1745.000	2300.000

XI	1485.000	40.000	1750.000	1950.000	535.000	500.000	535.000	0.000	0.000	0.000
GR	130.000	1025.000	127.200	1105.000	124.900	1205.000	123.100	1305.000	122.000	1425.000
GR	120.000	1460.000	118.000	1500.000	116.000	1550.000	114.000	1660.000	112.000	1685.000
GR	110.000	1700.000	107.000	1750.000	103.200	1785.000	94.900	1798.000	90.700	1814.000
GR	94.500	1830.000	102.300	1845.000	109.000	1930.000	110.000	1960.000	111.000	1990.000
GR	110.000	2050.000	109.000	2090.000	110.000	2100.000	112.000	2120.000	112.000	2150.000
GR	107.000	2185.000	97.100	2190.000	95.100	2211.000	97.000	2232.000	100.900	2245.000
GR	114.000	2310.000	116.000	2350.000	118.000	2375.000	118.000	2450.000	117.700	2550.000
GR	118.000	2660.000	120.000	2770.000	122.000	2950.000	124.000	2975.000	124.500	3175.000
NH	5.000	0.110	1750.000	0.050	1930.000	0.100	2185.000	0.040	2245.000	0.110
NH	3175.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1745.000	2300.000

XXX SEC ACROSS EMERGENCY SPILLWAY CONCRETE PAD XXX

XI	91465.000	39.000	1750.000	1930.000	5.000	5.000	5.000	0.000	0.000	0.000
GR	130.000	1025.000	127.200	1105.000	124.900	1205.000	123.100	1305.000	122.000	1425.000
GR	120.000	1460.000	118.000	1500.000	116.000	1550.000	114.000	1660.000	112.000	1685.000
GR	110.000	1700.000	107.000	1750.000	103.200	1785.000	94.900	1798.000	90.700	1814.000
GR	94.500	1830.000	102.300	1845.000	109.000	1930.000	110.000	1960.000	111.000	1990.000
GR	110.000	2050.000	109.000	2090.000	110.000	2100.000	112.000	2120.000	112.000	2150.000
GR	107.000	2185.000	102.600	2186.000	102.800	2244.000	110.000	2245.000	114.000	2310.000
GR	116.000	2350.000	118.000	2375.000	118.000	2450.000	117.700	2550.000	118.000	2660.000
GR	120.000	2770.000	122.000	2950.000	124.000	2975.000	124.500	3175.000	0.000	0.000
NH	6.000	0.100	1785.000	0.030	1845.000	0.050	1930.000	0.100	2185.000	0.030
NH	2245.000	0.100	3175.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1760.000	2300.000

XXX SEC ACROSS CONCRETE PAD XXX

XI	91502.000	38.000	1785.000	1845.000	40.000	40.000	40.000	0.000	0.000	0.000
GR	130.000	1025.000	127.200	1105.000	124.900	1205.000	123.100	1305.000	122.000	1425.000
GR	120.000	1460.000	118.000	1500.000	116.000	1550.000	114.000	1660.000	112.000	1685.000
GR	110.000	1700.000	107.000	1750.000	103.200	1785.000	94.400	1786.000	94.400	1844.000
GR	102.300	1845.000	109.000	1930.000	110.000	1960.000	111.000	1990.000	110.000	2050.000
GR	100.000	2090.000	110.000	2100.000	112.000	2120.000	112.000	2150.000	107.000	2185.000
GR	107.100	2186.000	107.100	2244.000	110.000	2245.000	114.000	2310.000	116.000	2350.000
GR	118.000	2375.000	118.000	2450.000	117.700	2550.000	118.000	2660.000	120.000	2770.000
GR	122.000	2950.000	124.000	2975.000	124.500	3175.000	0.000	0.000	0.000	0.000
GT	6.000	4385.000	7795.000	9700.000	15340.000	9700.000	9700.000	0.000	0.000	0.000
NH	6.000	0.100	1785.000	0.030	1845.000	0.060	1925.000	0.090	2185.000	0.030
NH	2245.000	0.090	3175.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1670.000	2261.000

XXX SURV SEC CRF-37 DAM AT UPCHURCH POND XXX

XI	91542.000	47.000	1785.000	1845.000	40.000	40.000	40.000	0.000	0.000	0.000
GR	130.000	1025.000	127.200	1105.000	124.900	1205.000	123.100	1305.000	122.000	1425.000
GR	120.000	1460.000	118.000	1500.000	116.000	1550.000	115.100	1600.000	114.000	1660.000
GR	112.000	1689.000	110.000	1700.000	103.200	1785.000	94.800	1786.000	94.800	1844.000
GR	102.300	1845.000	109.000	1925.000	110.000	1960.000	111.000	1990.000	110.900	2000.000
GR	110.000	2050.000	109.000	2090.000	110.000	2100.000	112.000	2120.000	114.000	2165.000
GR	112.700	2185.000	112.700	2245.000	113.500	2270.000	114.000	2315.000	116.000	2350.000
GR	118.000	2375.000	118.000	2410.000	118.000	2455.000	117.800	2520.000	117.800	2530.000
GR	117.700	2550.000	117.900	2615.000	118.000	2660.000	119.500	2740.000	120.000	2770.000
GR	121.300	2890.000	122.000	2950.000	122.800	2960.000	124.000	2975.000	124.100	3025.000
GR	124.400	3150.000	124.500	3175.000	0.000	0.000	0.000	0.000	0.000	0.000
NH	6.000	0.080	1785.000	0.030	1845.000	0.060	1925.000	0.080	2185.000	0.030
NH	2245.000	0.080	3175.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1390.000	2525.000





REC'D 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

ROCKFISH CR ABOVE HOPE M

SUMMARY PRINTOUT

SECNO	CASEL	EG	ELMIN	ELLC	10K*5	G
77513.000	103.00	103.32	81.50	0.00	8.56	9875.00
77513.000	103.90	104.26	81.50	0.00	8.38	9875.00
77590.000	103.02	103.42	82.00	0.00	10.64	9875.00
77590.000	103.95	104.33	82.00	0.00	9.29	9875.00
79590.000	104.46	104.61	77.60	0.00	3.54	9875.00
79590.000	105.23	105.37	77.60	0.00	3.04	9875.00
82450.000	105.81	106.32	82.60	0.00	9.56	9875.00
82450.000	106.40	106.66	82.60	0.00	8.45	9875.00
84560.000	107.72	108.02	83.40	0.00	6.57	9875.00
84560.000	108.12	108.42	83.40	0.00	6.31	9875.00
85300.000	108.24	108.65	83.70	0.00	9.87	9875.00
85300.000	108.61	109.04	83.70	0.00	9.73	9875.00
86380.000	109.32	110.09	84.10	0.00	15.43	9875.00
86380.000	109.67	110.46	84.10	0.00	15.05	9875.00
90300.000	113.01	113.25	90.60	0.00	4.69	9875.00
90300.000	113.41	113.68	90.60	0.00	4.92	9875.00
90925.000	113.42	113.51	90.00	0.00	2.97	9875.00
90925.000	113.86	113.95	90.00	0.00	2.83	9875.00
91460.000	113.59	113.67	90.70	0.00	3.04	9875.00
91460.000	114.02	114.10	90.70	0.00	2.75	9875.00
91465.000	113.57	113.69	90.70	0.00	4.64	9875.00
91465.000	114.00	114.11	90.70	0.00	4.19	9875.00
91502.000	113.49	113.77	94.40	0.00	3.06	9875.00
91502.000	113.92	114.19	94.40	0.00	2.86	9875.00
91542.000	113.37	113.87	94.80	0.00	4.66	9700.00
91542.000	113.84	114.27	94.80	0.00	4.08	9700.00

ACNO	CHSEL	EG	ELMIN	ELLC	10K*8	Q
91541.000	124.17	125.16	117.40	121.40	326.28	9700.00
91541.000	124.16	125.25	117.40	121.40	348.63	9700.00
91557.000	125.39	125.54	117.40	121.40	85.74	9700.00
91557.000	125.38	125.69	117.40	121.40	128.34	9700.00
91558.000	125.56	125.57	90.80	0.00	0.01	9700.00
91558.000	125.75	125.75	90.80	0.00	0.01	9700.00
91608.000	125.56	125.57	90.80	0.00	0.01	9700.00
91608.000	125.74	125.75	90.80	0.00	0.01	9700.00

SECTION ABOVE HOPE M

SUMMARY OF INPUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDSI	TOPWID
77513.000	103.00	1133.96	1438.00	1500.00	1800.00	666.04
77515.000	103.90	1290.00	1438.00	1900.00	1590.00	300.00
77590.000	103.02	1142.97	1438.00	1500.00	1800.00	657.03
77590.000	103.95	1290.00	1438.00	1500.00	1640.00	350.00
79590.000	104.46	1038.85	1178.00	1249.00	1633.44	594.59
79590.000	105.23	1050.00	1178.00	1249.00	1400.00	350.00
82450.000	105.81	1043.04	1086.00	1145.00	1500.00	456.96
82450.000	106.40	1075.00	1086.00	1145.00	1425.00	350.00
84560.000	107.72	600.69	1190.00	1320.00	1419.85	819.15
84560.000	108.12	935.00	1190.00	1320.00	1335.00	400.00
85300.000	108.24	1100.36	1225.00	1285.00	1720.14	619.78
85300.000	108.61	1220.00	1225.00	1285.00	1620.00	400.00
86380.000	109.32	1053.48	1223.00	1285.00	1323.07	269.54
86380.000	109.67	1090.00	1223.00	1285.00	1290.00	200.00
90300.000	113.01	945.57	1075.00	1146.00	1557.36	611.79
90300.000	113.41	1050.00	1075.00	1146.00	1350.00	300.00
90925.000	113.42	1027.24	1070.00	1123.00	2065.34	909.00
90925.000	113.86	1085.00	1070.00	1123.00	1975.00	876.50
91460.000	113.59	1665.15	1750.00	1930.00	2307.95	642.80
91460.000	114.02	1745.00	1750.00	1930.00	2300.00	555.00
91465.000	113.57	1665.43	1750.00	1930.00	2302.94	637.50
91465.000	114.00	1745.00	1750.00	1930.00	2300.00	555.00
91502.000	113.49	1666.43	1785.00	1845.00	2301.64	635.21
91502.000	113.92	1760.00	1785.00	1845.00	2300.00	540.00
91542.000	113.37	1667.83	1765.00	1845.00	2266.05	574.50
91542.000	113.84	1670.00	1785.00	1845.00	2261.00	584.76
91543.000	124.17	1245.79	1785.00	1845.00	2528.89	776.62
91543.000	124.16	1350.00	1785.00	1845.00	2525.00	667.56
91557.000	125.39	1183.91	1765.00	1845.00	3175.00	1841.53
91557.000	125.38	1350.00	1785.00	1845.00	2525.00	1024.77
91558.000	125.56	1176.16	1360.00	2250.00	3175.00	1998.84
91558.000	125.75	1360.00	1360.00	2250.00	2525.00	1165.00
91608.000	125.56	1176.16	1360.00	2250.00	3175.00	1998.84
91608.000	125.74	1360.00	1360.00	2250.00	2250.00	890.00

SUMMARY OF ERRORS

WATERWAY DATA, ROCKFISH CR ABOVE HOPE M

STATION	WIDTH (FT)	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION			COUNTY	STUDY STATION
		SECTION AREA	AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE		
77513.000	300.	3149.		3.1	103.9	103.0	0.9		
77520.000	350.	3259.		3.0	103.9	103.0	0.9	RM	116420
77530.000	350.	4562.		2.2	105.3	104.5	0.8	RT	118420
78450.000	350.	2988.		3.3	106.4	105.8	0.6	RT	01280
78456.000	400.	2916.		3.4	108.1	107.7	0.4	RL	81390
78500.000	400.	3204.		3.1	108.6	108.2	0.4	RL	85300
78580.000	200.	1922.		5.1	109.7	109.3	0.4	RM	85210
78580.000	300.	3463.		2.9	113.4	113.0	0.4	RM	89130
79025.000	910.	4851.		2.0	113.6	113.4	0.4	RC	89435
79186.000	955.	4552.		2.2	114.0	113.6	0.4		
79186.000	555.	3909.		2.5	114.0	113.6	0.4		
79502.000	540.	3785.		2.6	113.9	113.5	0.4		
79582.000	591.	3318.		2.9	113.9	113.4	0.5		
79583.000	1175.	1304.		7.4	124.2	124.2	0.0		
791557.000	1175.	2251.		4.3	125.4	125.4	0.0		
791558.000	1165.	23153.		0.4	125.8	125.6	0.2		
791608.000	840.	20615.		0.5	125.8	125.6	0.2		



DATE DATED NOV 76 UPDATED AUG 77  
 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153

CUMBERLAND CO NC FIS ROCKFISH CR  
 CUMBERLAND CO NC FIS  
 TO VERNATURAL

T3 ROCKFISH CREEK--BELOW US 301

J1	ICHECK	IND	NIIV	IDIR	STRT	METRIC	HVINS	C	WSEL	FC
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	47.800	0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FM	ALLDC	IEA	CHNIP	ITRACE
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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	0.110	0.110	0.040	0.100	0.300	0.000	0.000	0.000	0.000	0.000
RT	6.000	26040.000	30550.000	33050.000	40330.000	33050.000	33050.000	33050.000	0.000	0.000

\*\*\* SECTION CFP-1 ON CAPE FEAR RIVER w/O CREEK CHANNEL

X1	0.100	25.000	5595.000	5922.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	75.600	3903.000	72.900	4219.000	74.700	4582.000	64.200	4804.000	65.900	4585.000
GR	59.200	5052.000	58.500	5049.000	62.000	5163.000	53.200	5284.000	53.900	5311.000
GR	62.400	5415.000	63.400	5476.000	53.800	5554.000	51.900	5571.000	47.700	5599.000
GR	32.900	5663.000	15.000	5642.000	15.400	5742.000	14.500	5792.000	19.700	5842.000
GR	36.300	5881.000	38.300	5906.000	47.400	5922.000	70.100	5940.000	76.900	6020.000
NC	0.100	0.100	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RT	6.000	6040.000	10550.000	13050.000	20330.000	13050.000	13050.000	13050.000	0.000	0.000

\*\*\* CREEK CHANNEL FROM SECTION CFP-1 SURVEYED AT 520

J1	1.000	12.000	6109.000	6228.000	1.000	1.000	1.000	0.000	0.000	0.000
GR	76.900	6020.000	63.000	6050.000	34.800	6109.000	31.200	6115.000	27.800	6167.000
GR	29.400	6226.000	34.800	6228.000	45.700	6241.000	64.600	6269.000	69.600	6303.000
GR	78.200	6348.000	88.900	6448.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.100	0.100	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
RT	6.000	6040.000	10550.000	13050.000	20330.000	13050.000	13050.000	13050.000	0.000	0.000
	580.000	0.000	0.000	0.000	580.000	580.000	580.000	580.000	0.000	0.000

\*\*\* SECTION LRC-1

	71.600	1000.000	35.000	1067.000	29.800	1069.000	27.800	1115.000	31.200	1158.000
GR	32.700	1160.000	34.800	1174.000	71.500	1225.000	0.000	0.000	0.000	0.000

\*\*\* SECTION LRC-2

	9.000	1077.000	1171.000	1070.000	1070.000	1070.000	1070.000	0.000	0.000	0.000
	29.500	1169.000	34.800	1171.000	36.500	1182.000	82.600	1264.000	0.000	0.000

\*\*\* SECTION LRC-3

	8.000	1049.000	1114.000	1890.000	1890.000	1890.000	1890.000	0.000	0.000	0.000
GR	75.200	1000.000	36.200	1049.000	29.000	1051.000	28.600	1081.000	32.100	1112.000
GR	39.200	1114.000	33.100	1148.000	68.200	1215.000	0.000	0.000	0.000	0.000

\*\*\* SECTION LRC-4

X1	8920.000	9.000	1063.000	1132.000	3430.000	3430.000	3430.000	0.000	0.000	0.000
GR	77.500	1000.000	40.700	1048.000	37.600	1063.000	32.600	1065.000	29.700	1098.000
GR	33.000	1130.000	36.800	1132.000	39.300	1153.000	74.300	1212.000	0.000	0.000
BT	6.000	6020.000	10510.000	12990.000	20260.000	12990.000	12990.000	0.000	0.000	0.000

\*\*\* SECTION LRC-5

X1	10830.000	9.000	1077.000	1147.000	1910.000	1910.000	1910.000	0.000	0.000	0.000
GR	68.600	1000.000	41.700	1054.000	37.200	1077.000	31.800	1079.000	30.200	1112.000
GR	29.200	1145.000	39.200	1147.000	38.400	1156.000	75.900	1215.000	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

X1	10876.000	27.000	1109.000	1228.000	46.000	46.000	46.000	0.000	0.000	0.000
GR	86.900	1000.000	81.900	1000.000	81.900	1005.000	79.200	1016.000	72.400	1049.000
GR	59.200	1069.000	57.200	1072.000	37.100	1109.000	30.100	1137.000	29.800	1140.000
GR	30.200	1152.000	29.700	1165.000	30.100	1192.000	30.200	1205.000	29.800	1208.000
GR	37.600	1228.000	45.200	1274.000	45.800	1277.000	55.300	1292.000	65.700	1309.000
GR	69.700	1322.000	70.500	1325.000	77.400	1339.000	80.000	1352.000	83.100	1362.000
GR	83.100	1365.000	86.900	1365.000	0.000	0.000	0.000	0.000	0.000	0.000

\*\*\* NC B7 SECTION LRC-5A

X1	10880.000	0.000	0.000	0.000	4.000	4.000	4.000	0.000	0.000	0.000
BT	22.000	1000.000	86.900	83.900	1069.000	86.900	83.900	1069.000	86.900	59.200
BT	1072.000	86.900	57.200	1072.000	86.900	83.900	1137.000	86.900	83.900	1137.000
BT	86.900	30.100	1140.000	86.900	29.800	1140.000	86.900	83.900	1205.000	86.900
BT	83.900	1205.000	86.900	30.200	1208.000	86.900	29.800	1208.000	86.900	83.900
BT	1274.000	86.900	83.900	1274.000	86.900	45.200	1277.000	86.900	45.800	1277.000
BT	86.900	83.900	1322.000	86.900	83.900	1322.000	86.900	69.700	1325.000	86.900
BT	70.500	1325.000	86.900	83.900	1365.000	86.900	83.900	0.000	0.000	0.000

X1	10900.000	0.000	0.000	0.000	20.000	20.000	20.000	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	10904.000	0.000	0.000	0.000	4.000	4.000	4.000	0.000	0.000	0.000
NC	0.100	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

\*\*\* SECTION LRC-6 SURVEYED AT 11000

	1000.000	1000.000	1117.000	51.000	51.000	51.000	0.000	0.000	0.000	
GR	75.100	1000.000	38.600	1049.000	30.400	1051.000	30.300	1083.000	32.600	1119.000
GR	36.100	1117.000	38.500	1165.000	69.500	1225.000	0.000	0.000	0.000	0.000
X1	11000.000	0.000	0.000	0.000	45.000	45.000	45.000	0.000	0.000	0.000

\*\*\* SECTION LRC-7

X1	12520.000	8.000	1085.000	1151.000	1520.000	1520.000	1520.000	0.000	0.000	0.000
GR	72.300	1000.000	39.100	1066.000	39.500	1085.000	34.200	1087.000	31.800	1119.000
GR	31.900	1149.000	38.900	1151.000	78.700	1204.000	0.000	0.000	0.000	0.000

\*\*\* SECTION LRC-8

X1	14090.000	8.000	1109.000	1159.000	1570.000	1570.000	1570.000	0.000	0.000	0.000
GR	75.700	1000.000	41.100	1072.000	40.600	1109.000	33.100	1111.000	31.900	1134.000
GR	34.100	1157.000	38.100	1159.000	82.700	1220.000	0.000	0.000	0.000	0.000

\*\*\* SECTION LRC-9

X1	16425.000	9.000	1091.000	1147.000	2335.000	2335.000	2335.000	0.000	0.000	0.000
GR	73.500	1000.000	46.200	1066.000	39.600	1091.000	32.800	1093.000	32.200	1119.000
GR	32.400	1145.000	40.800	1147.000	43.000	1164.000	75.700	1218.000	0.000	0.000

\*\*\* SECTION LRC-10

X1	20760.000	9.000	1103.000	1166.000	4335.000	4335.000	4335.000	0.000	0.000	0.000
GR	82.600	1000.000	46.700	1088.000	42.600	1103.000	36.100	1105.000	35.500	1134.000
GR	36.800	1164.000	42.400	1166.000	44.200	1188.000	73.500	1255.000	0.000	0.000

\*\*\* SECTION LRC-11

X1	22555.000	8.000	1093.000	1148.000	1795.000	1795.000	1795.000	0.000	0.000	0.000
GR	67.600	1000.000	44.500	1073.000	44.100	1093.000	37.500	1095.000	35.700	1120.000
GR	37.100	1146.000	42.500	1148.000	66.100	1185.000	0.000	0.000	0.000	0.000

\*\*\* SECTION LRC-12

X1	23870.000	8.000	1106.000	1158.000	1315.000	1315.000	1315.000	0.000	0.000	0.000
GR	66.000	1000.000	46.900	1085.000	44.000	1106.000	38.700	1108.000	36.400	1132.000
GR	36.900	1156.000	43.100	1158.000	76.900	1230.000	0.000	0.000	0.000	0.000

\*\*\* SECTION LRC-13

X1	26100.000	8.000	1061.000	1116.000	2230.000	2230.000	2230.000	0.000	0.000	0.000
GR	71.100	1000.000	47.700	1061.000	36.700	1063.000	37.000	1089.000	38.600	1107.000
GR	45.200	1116.000	67.400	1166.000	72.400	1191.000	0.000	0.000	0.000	0.000

\*\*\* SECTION LRC-14

X1	29750.000	9.000	1050.000	1116.000	3650.000	3650.000	3650.000	0.000	0.000	0.000
GR	69.800	1000.000	62.300	1032.000	47.000	1050.000	40.500	1057.000	38.900	1084.000
GR	40.600	1111.000	47.600	1116.000	49.100	1132.000	76.800	1180.000	0.000	0.000

\*\*\* SECTION LRC-15



\*\*\* I-95 S-BOUND LANE SECTION CRF-4

X1	37645.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
GR	0.000	0.000	0.000	0.000	0.000	0.000	1.000	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

\*\*\* SAME AS 37400

X1	37700.000	23.000	1635.000	1700.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	89.500	900.000	87.200	1000.000	86.700	1100.000	86.500	1200.000	78.700	1300.000
GR	79.500	1400.000	79.700	1500.000	75.900	1560.000	67.500	1600.000	55.500	1627.000
GR	54.500	1635.000	51.200	1645.000	47.000	1650.000	41.400	1670.000	45.500	1690.000
GR	52.000	1695.000	56.000	1700.000	61.000	1710.000	87.000	1735.000	91.000	1765.000
GR	92.000	1800.000	90.600	1900.000	90.100	2000.000	0.000	0.000	0.000	0.000

\*\*\* SECTION CRF-5

X1	38855.000	12.000	1090.000	1150.000	1155.000	1155.000	1155.000	0.000	0.000	0.000
GR	81.400	1000.000	71.100	1050.000	69.600	1058.000	53.800	1090.000	45.800	1100.000
GR	43.500	1115.000	53.800	1140.000	60.800	1150.000	81.400	1200.000	89.700	1222.000
GR	92.300	1250.000	92.900	1300.000	0.000	0.000	0.000	0.000	0.000	0.000

\*\*\* SECTION CRF-6

X1	42000.000	10.000	1072.000	1128.000	3145.000	3145.000	3145.000	0.000	0.000	0.000
GR	79.600	1000.000	72.900	1045.000	59.500	1065.000	58.800	1072.000	55.900	1073.000
GR	47.500	1098.000	54.700	1123.000	58.800	1128.000	67.100	1150.000	85.800	1178.000

\*\*\* SECTION CRF-7

X1	45750.000	14.000	1160.000	1236.000	3750.000	3750.000	3750.000	0.000	0.000	0.000
GR	94.200	1050.000	81.500	1075.000	73.300	1100.000	67.600	1125.000	59.200	1150.000
GR	56.500	1160.000	51.600	1162.000	50.100	1184.000	50.400	1206.000	65.200	1220.000
GR	75.500	1236.000	76.500	1250.000	78.300	1300.000	83.500	1400.000	0.000	0.000
NC	0.100	0.100	0.045	0.200	0.400	0.000	0.000	0.000	0.000	0.000
ET	6.000	5825.000	10195.000	12610.000	19700.000	12610.000	12610.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	7.410	0.000	1105.000	1255.000

\*\*\* SECTION CRF-8

\*\*\* EQUAL TO STATION 48540 IN HOPE MILLS STUDY

X1	47370.000	12.000	1130.000	1227.000	1620.000	1620.000	1620.000	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
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1105.000	1255.000

X1	47371.000	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	1105.000	1292.000

X1	47372.000	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	1105.000	1255.000

X1	47775.000	0.000	0.000	0.000	3.000	3.000	3.000	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
CR	56.400	1165.000	58.300	1166.000	74.500	1200.000	77.700	1215.000	79.200	1250.000
SR	80.000	1300.000	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	1105.000	1255.000

X1	48720.000	11.000	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
CR	56.400	1165.000	58.300	1166.000	74.500	1200.000	77.700	1215.000	79.200	1250.000
SR	80.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1400.000	1600.000

\*\*\* SECTION CRF-9 \*\*\* US-301  
 \*\*\* STREAM GAGE LOCATED 50 FT UPSTREAM OF BRIDGE

X1	48770.000	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
CR	55.900	1450.000	52.400	1470.000	51.900	1480.000	52.400	1490.000	55.500	1510.000
SR	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
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1400.000	1600.000
SR	1.250	1.560	2.500	0.000	27.000	6.750	3920.000	2.400	51.900	51.900

X1	48805.000	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
GR	1300.000	92.200	0.000	1400.000	91.900	0.000	1400.000	91.900	88.000	1500.000
CR	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	0.090	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	1050.000	1200.000

\*\*\* SECTION CRF-10  
 \*\*\* CONFLUENCE WITH LITTLE ROCKFISH AT STA 49130

X1	48880.000	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
CR	56.400	1165.000	58.300	1166.000	74.500	1200.000	77.700	1215.000	79.200	1250.000
SR	80.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	6.000	4570.000	8105.000	10075.000	15910.000	10075.000	10075.000	0.000	0.000	0.000
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	1120.000	1260.000

\*\*\* SURVEY SEC CRF-11 \*\*\*

X1	49190.000	11.000	1120.000	1224.000	600.000	200.000	310.000	0.000	0.000	0.000
GR	97.100	1000.000	92.000	1050.000	89.200	1065.000	79.700	1100.000	73.800	1120.000
CR	55.000	1140.000	52.600	1165.000	56.300	1190.000	61.900	1200.000	75.300	1224.000
SR	80.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	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	1000.000	1150.000

XXX SURVEY SEC CRF-12 XXX

X1	52060.000	20.000	1067.000	1137.000	2870.000	2870.000	2870.000	0.000	0.000	0.000
GR	84.000	855.000	82.000	860.000	80.000	920.000	80.000	920.000	80.000	920.000
GR	77.400	1000.000	72.800	1045.000	70.800	1050.000	66.800	1067.000	61.000	1076.000
GR	54.400	1101.000	59.500	1126.000	64.800	1137.000	65.500	1142.000	74.200	1150.000
GR	91.000	1172.000	92.800	1180.000	84.200	1200.000	84.400	1250.000	93.500	1300.000
NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1222.000	1447.000

XXX SURVEY SEC CRF-13 XXX

X1	53570.000	15.000	1385.000	1447.000	1510.000	1510.000	1510.000	0.000	0.000	0.000
GR	93.500	1000.000	92.800	1023.000	79.200	1072.000	75.800	1100.000	75.200	1200.000
GR	75.600	1264.000	77.100	1300.000	74.300	1363.000	62.900	1385.000	59.200	1386.000
GR	57.800	1414.000	58.900	1442.000	67.500	1447.000	71.000	1473.000	84.800	1488.000
NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	0.000	0.000	9.100	9.100	9.100	0.000	0.000	0.000	1242.000	1488.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1270.000	1470.000

X1	53661.000	0.000	0.000	0.000	91.000	91.000	91.000	0.000	1.000	0.000
NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1300.000	1500.000

XXX SURVEY SEC CRF-14 SR 1127 XXX

X1	53711.000	20.000	1300.000	1500.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	10.000	0.000	0.000	0.000	0.000	0.000	0.000	93.500	93.500	0.000
GR	45.400	1000.000	94.400	1008.000	80.800	1057.000	77.400	1085.000	76.800	1185.000
GR	77.200	1249.000	78.700	1285.000	78.000	1300.000	75.900	1348.000	72.400	1357.000
GR	60.900	1370.000	67.400	1375.000	59.400	1400.000	61.000	1420.000	67.500	1425.000
GR	85.700	1475.000	90.000	1492.000	90.600	1500.000	95.300	1546.000	95.700	1600.000
NC	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1300.000	1500.000
BT	1.250	1.280	2.500	0.000	8.000	4.000	3360.000	2.910	59.400	59.400

X1	53729.000	0.000	0.000	0.000	18.000	18.000	18.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	92.500	94.900	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	95.000	95.100	0.000
BT	10.000	1000.000	95.400	0.000	1100.000	94.900	0.000	1200.000	94.900	0.000
BT	1300.000	95.000	0.000	1300.000	95.000	92.400	1400.000	95.000	92.400	1500.000
BT	95.100	92.500	1500.000	95.100	0.000	1546.000	95.300	0.000	1600.000	95.700
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	6.000	4565.000	8100.000	10065.000	15895.000	10065.000	10065.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	9.100	9.100	9.100	9.100	0.000	0.000	1285.000	1485.000

X1	53779.000	15.000	1385.000	1447.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	93.500	1000.000	92.800	1023.000	79.200	1072.000	75.800	1100.000	75.200	1200.000
GR	75.600	1264.000	77.100	1300.000	74.300	1363.000	62.900	1385.000	59.200	1386.000
GR	57.800	1414.000	58.900	1442.000	67.500	1447.000	71.000	1473.000	84.800	1488.000
NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1221.000	1406.000

XXX SURVEY SEC CRF-15 XXX

X1	53885.000	26.000	1272.000	1406.000	610.000	610.000	610.000	0.000	0.000	0.000
GR	85.300	1045.000	84.200	1095.000	84.200	1145.000	84.800	1185.000	76.400	1200.000
GR	75.200	1206.000	68.800	1207.000	68.500	1272.000	61.800	1272.000	56.200	1339.000
GR	61.600	1406.000	72.100	1406.000	71.100	1407.000	75.400	1450.000	86.200	1492.000
GR	87.300	1507.000	84.000	1509.000	89.900	1513.000	88.500	1565.000	89.500	1600.000





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XXX TOPO SEC CRF-16 VALLEY SEC XXX

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XXX SURVEY SEC CRF-17 XXX

XXX HOPE MILLS LOWER STUDY LIMIT AT STA 588+30 XXX

X1	56605.000	17.000	1138.000	1226.000	2147.000	2147.000	2147.000	0.000	0.000	0.000
GN	87.500	1000.000	84.100	1100.000	83.000	1120.000	79.500	1126.000	79.000	1131.000
CP	75.900	1136.000	74.100	1139.000	69.900	1183.000	70.300	1200.000	74.200	1225.000
	75.200	1226.000	75.400	1231.000	84.700	1246.000	89.700	1260.000	92.000	1300.000
	90.500	1440.000	93.200	1500.000	0.000	0.000	0.000	0.000	0.000	0.000
	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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MAY 76 UPDATED AUG 77

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PRELIMINARY  
RECEIVED CHECK - BELOW US 301

J1	ICHECK	INO	NIN	IDIR	STRT	METRIC	HVINS	G	WSEL	FQ
	0	3	0	0	0.000000	0.00	0.0	0	51.200	0.000
NAME	IPROT	PREVS	XSECV	XSECH	FN	ALLDC	IBK	CHNIN	ITRACE	
	2.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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UPDATED NOV 76 UPDATED AUG 77

NOV 76 10:51:52:53

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

ROCKFISH CREEK--BELOW US

SUMMARY PRINTOUT

SECNO	CWSEL	FG	ELMIN	ELLC
0.100	47.80	48.01	14.50	0.00
0.100	51.20	51.42	14.50	0.00
0.100	53.00	53.22	14.50	0.00
0.100	57.50	57.74	14.50	0.00
1.000	47.91	48.02	27.80	0.00
1.000	51.19	51.42	27.80	0.00
1.000	52.95	53.24	27.80	0.00
1.000	57.32	57.81	27.80	0.00
580.000	47.98	48.08	27.80	0.00
580.000	51.30	51.53	27.80	0.00
580.000	53.08	53.37	27.80	0.00
580.000	57.50	57.99	27.80	0.00
2530.000	48.20	48.35	27.80	0.00
2530.000	51.67	51.99	27.80	0.00
2530.000	53.51	53.91	27.80	0.00
2530.000	58.05	58.71	27.80	0.00
3600.000	48.38	48.51	28.20	0.00
3600.000	51.99	52.26	28.20	0.00
3600.000	53.87	54.22	28.20	0.00
3600.000	58.56	59.13	28.20	0.00
5490.000	48.69	48.93	28.60	0.00
5490.000	52.49	52.94	28.60	0.00
5490.000	54.44	55.01	28.60	0.00
5490.000	59.26	60.14	28.60	0.00
8920.000	49.75	50.01	29.70	0.00
8920.000	54.06	54.53	29.70	0.00
8920.000	56.20	56.78	29.70	0.00
8920.000	61.43	62.31	29.70	0.00
10830.000	50.33	50.55	29.20	0.00
10830.000	54.91	55.31	29.20	0.00
10830.000	57.14	57.64	29.20	0.00
10830.000	62.60	63.35	29.20	0.00

SECNO	CWSEL	EG	ELMIN	ELLC
10876.000	50.44	50.57	29.70	0.00
10876.000	55.14	55.35	29.70	0.00
10876.000	57.43	57.68	29.70	0.00
10876.000	63.10	63.40	29.70	0.00
10880.000	50.46	50.58	29.70	83.90
10880.000	55.14	55.36	29.70	83.90
10880.000	57.43	57.70	29.70	83.90
10880.000	63.02	63.44	29.70	83.90
10900.000	50.46	50.59	29.70	83.90
10900.000	55.15	55.37	29.70	83.90
10900.000	57.43	57.70	29.70	83.90
10900.000	63.03	63.45	29.70	83.90
10904.000	50.50	50.59	29.70	0.00
10904.000	55.21	55.37	29.70	0.00
10904.000	57.51	57.71	29.70	0.00
10904.000	63.16	63.46	29.70	0.00
10955.000	50.44	50.63	30.30	0.00
10955.000	55.09	55.44	30.30	0.00
10955.000	57.37	57.79	30.30	0.00
10955.000	62.94	63.57	30.30	0.00
11000.000	50.45	50.64	30.30	0.00
11000.000	55.11	55.45	30.30	0.00
11000.000	57.38	57.81	30.30	0.00
11000.000	62.96	63.59	30.30	0.00
12520.000	50.82	51.12	31.80	0.00
12520.000	55.59	56.11	31.80	0.00
12520.000	57.90	58.52	31.80	0.00
12520.000	63.53	64.45	31.80	0.00
14090.000	51.45	51.87	31.90	0.00
14090.000	56.40	57.06	31.90	0.00
14090.000	58.76	59.54	31.90	0.00
14090.000	64.52	65.60	31.90	0.00
16425.000	52.65	52.97	32.20	0.00
16425.000	57.91	58.43	32.20	0.00
16425.000	60.38	60.99	32.20	0.00
16425.000	66.39	67.25	32.20	0.00
20760.000	54.37	54.67	35.50	0.00
20760.000	59.98	60.44	35.50	0.00
20760.000	62.57	63.10	35.50	0.00
20760.000	68.86	69.57	35.50	0.00
22555.000	55.11	55.50	35.70	0.00
22555.000	60.78	61.36	35.70	0.00
22555.000	63.38	64.06	35.70	0.00
22555.000	69.70	70.59	35.70	0.00

SECNO	CMSL	EG	ELMIN	ELLC
23720.000	55.79	56.21	36.40	0.00
23720.000	61.33	62.13	36.40	0.00
23720.000	64.16	64.83	36.40	0.00
23720.000	70.57	71.40	36.40	0.00
26100.000	57.03	57.48	36.70	0.00
26100.000	62.83	63.53	36.70	0.00
26100.000	65.86	66.29	36.70	0.00
26100.000	71.84	72.93	36.70	0.00
29750.000	58.83	59.15	38.90	0.00
29750.000	64.90	65.40	38.90	0.00
29750.000	67.64	68.22	38.90	0.00
29750.000	74.19	75.00	38.90	0.00
32310.000	59.88	60.36	39.70	0.00
32310.000	66.01	66.69	39.70	0.00
32310.000	68.77	69.54	39.70	0.00
32310.000	75.40	76.38	39.70	0.00
33500.000	60.64	60.87	41.20	0.00
33500.000	66.87	67.20	41.20	0.00
33500.000	69.66	70.05	41.20	0.00
33500.000	76.37	76.91	41.20	0.00
35565.000	61.22	61.38	41.20	0.00
35565.000	67.46	67.69	41.20	0.00
35565.000	70.28	70.55	41.20	0.00
35565.000	77.04	77.43	41.20	0.00
37440.000	61.63	62.17	41.40	0.00
37440.000	67.75	68.49	41.40	0.00
37440.000	70.52	71.36	41.40	0.00
37440.000	77.21	78.28	41.40	0.00
37490.000	61.68	62.21	41.40	0.00
37490.000	67.79	68.52	41.40	0.00
37490.000	70.56	71.40	41.40	0.00
37490.000	77.24	78.31	41.40	0.00
37495.000	61.69	62.22	44.10	97.10
37495.000	67.92	68.54	44.10	97.10
37495.000	70.75	71.42	44.10	97.10
37495.000	77.63	78.35	44.10	97.10
37525.000	61.72	62.24	44.10	97.10
37525.000	67.94	68.56	44.10	97.10
37525.000	70.77	71.43	44.10	97.10
37525.000	77.65	78.36	44.10	97.10
37530.000	61.75	62.24	44.10	0.00
37530.000	68.03	68.57	44.10	0.00
37530.000	70.88	71.44	44.10	0.00
37530.000	77.77	78.38	44.10	0.00

SECNO	CWSEL	FG	ELMIN	ELLC
37610.000	61.81	62.29	44.10	0.00
37610.000	68.07	68.60	44.10	0.00
37610.000	70.91	71.48	44.10	0.00
37610.000	77.80	78.41	44.10	0.00
37615.000	61.79	62.31	44.10	97.10
37615.000	68.02	68.63	44.10	97.10
37615.000	70.85	71.51	44.10	97.10
37615.000	77.73	78.44	44.10	97.10
37645.000	61.81	62.33	44.10	97.10
37645.000	68.04	68.65	44.10	97.10
37645.000	70.87	71.52	44.10	97.10
37645.000	77.74	78.45	44.10	97.10
37650.000	61.85	62.33	44.10	0.00
37650.000	68.13	68.66	44.10	0.00
37650.000	70.97	71.54	44.10	0.00
37650.000	77.86	78.47	44.10	0.00
37700.000	61.86	62.38	41.40	0.00
37700.000	68.02	68.74	41.40	0.00
37700.000	70.82	71.64	41.40	0.00
37700.000	77.58	78.62	41.40	0.00
38855.000	62.84	63.61	43.50	0.00
38855.000	68.81	69.85	43.50	0.00
38855.000	71.56	72.72	43.50	0.00
38855.000	78.25	79.64	43.50	0.00
42000.000	66.67	67.38	47.50	0.00
42000.000	72.26	73.25	47.50	0.00
42000.000	74.88	76.00	47.50	0.00
42000.000	81.27	82.67	47.50	0.00
45750.000	69.94	70.32	50.10	0.00
45750.000	75.76	76.28	50.10	0.00
45750.000	78.38	78.96	50.10	0.00
45750.000	84.73	85.39	50.10	0.00
47370.000	71.00	71.27	51.50	0.00
47370.000	76.84	77.23	51.50	0.00
47370.000	79.45	79.89	51.50	0.00
47370.000	85.69	86.24	51.50	0.00
47371.000	71.00	71.27	51.50	0.00
47371.000	76.84	77.23	51.50	0.00
47371.000	79.45	79.89	51.50	0.00
47371.000	85.69	86.24	51.50	0.00
47372.000	71.00	71.27	51.50	0.00
47372.000	76.84	77.23	51.50	0.00
47372.000	79.45	79.89	51.50	0.00
47372.000	85.69	86.24	51.50	0.00

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SECNO	CWSEL	EG	ELMIN	ELLC
47175.000	71.00	71.27	51.50	0.00
47175.000	76.88	77.23	51.50	0.00
47175.000	79.45	79.89	51.50	0.00
47175.000	85.54	86.25	51.50	0.00
47380.000	71.00	71.28	51.50	0.00
47380.000	76.85	77.24	51.50	0.00
47380.000	79.85	79.90	51.50	0.00
47380.000	85.69	86.25	51.50	0.00
48720.000	71.76	72.07	51.90	0.00
48720.000	77.58	78.01	51.90	0.00
48720.000	80.19	80.65	51.90	0.00
48720.000	86.45	86.96	51.90	0.00
48770.000	71.87	72.11	51.90	0.00
48770.000	77.74	78.05	51.90	0.00
48770.000	80.36	80.70	51.90	0.00
48770.000	86.60	87.00	51.90	0.00
48845.000	71.91	72.15	51.90	88.00
48845.000	77.78	78.10	51.90	88.00
48845.000	80.41	80.75	51.90	88.00
48845.000	86.65	87.05	51.90	88.00
48880.000	71.89	72.20	52.00	0.00
48880.000	77.74	78.16	52.00	0.00
48880.000	80.36	80.82	52.00	0.00
48880.000	86.60	87.11	52.00	0.00
49190.000	72.22	72.41	52.60	0.00
49190.000	78.10	78.38	52.60	0.00
49190.000	80.72	81.03	52.60	0.00
49190.000	86.91	87.30	52.60	0.00
52060.000	73.86	74.14	56.40	0.00
52060.000	79.60	79.97	56.40	0.00
52060.000	82.14	82.52	56.40	0.00
52060.000	88.21	88.57	56.40	0.00
53570.000	74.84	75.10	57.80	0.00
53570.000	80.52	80.75	57.80	0.00
53570.000	83.01	83.22	57.80	0.00
53570.000	88.95	89.14	57.80	0.00
53661.000	74.88	75.18	58.80	0.00
53661.000	80.50	80.85	58.80	0.00
53661.000	82.97	83.32	58.80	0.00
53661.000	88.87	89.25	58.80	0.00
53711.000	74.85	75.28	59.40	0.00
53711.000	80.52	80.90	59.40	0.00
53711.000	82.99	83.36	59.40	0.00
53711.000	88.88	89.29	59.40	0.00

SECNO	CHSEL	EG	ELMIN	ELLC
53729.000	74.93	75.34	59.40	92.50
53729.000	80.56	80.94	59.40	92.50
53729.000	81.05	81.40	59.40	92.50
53729.000	88.81	89.32	59.40	92.50
53779.000	75.17	75.42	57.80	0.00
53779.000	80.68	80.99	57.80	0.00
53779.000	83.10	83.44	57.80	0.00
53779.000	88.93	89.35	57.80	0.00
54389.000	75.53	75.59	56.20	0.00
54389.000	81.09	81.17	56.20	0.00
54389.000	83.53	83.62	56.20	0.00
54389.000	89.43	89.55	56.20	0.00
54461.000	75.50	75.62	61.60	0.00
54461.000	81.04	81.21	61.60	0.00
54461.000	83.47	83.67	61.60	0.00
54461.000	89.34	89.62	61.60	0.00
54462.000	75.48	78.15	68.80	78.00
54462.000	79.71	82.09	68.80	78.00
54462.000	82.24	84.50	68.80	78.00
54462.000	89.04	89.82	68.80	78.00
54466.000	76.47	78.34	68.80	78.00
54466.000	79.79	82.13	68.80	78.00
54466.000	82.31	84.53	68.80	78.00
54466.000	89.05	89.83	68.80	78.00
54467.000	78.63	78.70	61.60	0.00
54467.000	82.42	82.57	61.60	0.00
54467.000	84.75	84.94	61.60	0.00
54467.000	89.66	89.93	61.60	0.00
54477.000	78.63	78.70	61.60	0.00
54477.000	82.44	82.57	61.60	0.00
54477.000	84.79	84.95	61.60	0.00
54477.000	89.75	89.95	61.60	0.00
54517.000	78.64	78.71	61.60	0.00
54517.000	82.45	82.58	61.60	0.00
54517.000	84.81	84.96	61.60	0.00
54517.000	89.77	89.96	61.60	0.00
56605.000	79.24	79.96	69.90	0.00
56605.000	83.34	84.21	69.90	0.00
56605.000	85.70	86.57	69.90	0.00
56605.000	90.64	91.55	69.90	0.00

ROCKFISH CREEK--BELOW US

SUMMARY PRINTOUT

SECO	CKSEL	QLOB	QCH	QROB	VL0B	VCH	VROB
0.100	47.80	0.00	26040.00	0.00	0.00	3.67	0.00
0.100	51.20	9.49	30539.48	1.03	0.23	3.73	0.18
0.100	53.00	30.59	33016.62	2.80	0.32	3.76	0.22
0.100	57.50	253.09	40064.25	12.67	0.38	3.92	0.31
1.000	47.91	91.43	5897.66	50.92	0.51	2.66	0.49
1.000	51.19	219.08	10202.41	128.51	0.78	3.91	0.78
1.000	52.95	310.74	12554.22	185.04	0.90	4.46	0.91
1.000	57.32	640.50	19299.01	390.49	1.21	5.78	1.21
580.000	47.98	92.16	5896.43	51.41	0.51	2.65	0.49
580.000	51.30	220.81	10199.54	129.64	0.78	3.89	0.78
580.000	53.08	313.76	12549.22	187.02	0.90	4.43	0.90
580.000	57.50	646.94	19288.36	394.70	1.20	5.74	1.21
2530.000	48.20	95.65	5650.85	293.50	0.60	3.21	0.90
2530.000	51.67	232.19	9731.97	585.84	0.91	4.67	1.31
2530.000	53.51	330.46	11951.03	768.51	1.05	5.30	1.48
2530.000	58.05	682.10	18295.24	1352.66	1.40	6.84	1.89
3600.000	48.38	253.31	5584.48	202.20	0.77	3.05	0.76
3600.000	51.99	544.55	9565.65	439.80	1.13	4.41	1.12
3600.000	53.87	735.96	11717.06	596.98	1.28	5.00	1.27
3600.000	58.56	1374.30	17832.20	1123.49	1.66	6.40	1.64
5490.000	48.69	74.47	5142.77	822.77	0.76	4.20	1.25
5490.000	52.49	188.26	8704.04	1657.69	1.13	5.92	1.81
5490.000	54.44	270.26	10610.94	2168.80	1.29	6.65	2.05
5490.000	59.26	565.31	15995.88	3768.81	1.69	8.37	2.62
8920.000	49.75	230.52	5414.51	394.98	1.09	4.29	1.17
8920.000	54.06	525.76	9167.12	857.12	1.55	5.88	1.65
8920.000	56.20	716.88	11183.34	1149.78	1.74	6.55	1.85
8920.000	61.43	1343.32	16892.22	2094.46	2.19	8.17	2.32
10830.000	50.33	336.98	5476.34	206.68	1.04	3.96	0.96
10830.000	54.91	789.53	9231.43	489.05	1.49	5.42	1.36
10830.000	57.14	1084.61	11229.33	676.06	1.66	6.04	1.53
10830.000	62.60	2065.12	16887.50	1307.38	2.13	7.53	1.94
10876.000	50.48	84.54	5640.61	294.85	0.51	2.49	0.66
10876.000	55.18	221.40	9564.99	723.61	0.74	3.39	0.99
10876.000	57.48	321.18	11664.98	1003.83	0.84	3.77	1.14
10876.000	63.10	733.90	17616.05	1910.05	1.19	4.68	1.48
10880.000	50.46	113.43	5522.54	384.04	0.69	2.95	0.90
10880.000	55.14	293.83	9318.92	897.25	0.98	3.99	1.39
10880.000	57.43	416.62	11357.63	1215.75	1.11	4.43	1.57
10880.000	63.02	691.87	17309.50	2258.63	1.39	5.54	2.00
10900.000	50.46	113.46	5522.42	384.12	0.69	2.95	0.90
10900.000	55.15	293.90	9318.71	897.39	0.98	3.99	1.39
10900.000	57.43	416.64	11357.44	1215.93	1.11	4.43	1.57
10900.000	63.03	691.91	17309.20	2258.90	1.39	5.54	2.00

SECNO	CWSEL	QLOB	GCH	GROB	VLOB	VCH	VROB
10900.000	50.50	84.70	5639.92	295.38	0.51	2.49	0.65
10900.000	55.21	221.87	9563.36	724.77	0.73	3.38	0.99
10900.000	57.51	322.21	11662.40	1005.39	0.84	3.76	1.14
10900.000	63.16	735.99	17610.98	1913.03	1.19	4.67	1.48
10955.000	50.44	61.34	5051.65	907.02	0.65	3.84	1.18
10955.000	55.09	174.22	8487.30	1848.48	0.95	5.20	1.65
10955.000	57.37	257.03	10318.37	2414.60	1.09	5.78	1.85
10955.000	62.94	561.16	15519.26	4179.58	1.41	7.17	2.31
11000.000	50.45	61.40	5051.30	907.30	0.65	3.84	1.18
11000.000	55.11	174.37	8486.64	1848.98	0.95	5.20	1.65
11000.000	57.38	257.23	10317.56	2415.20	1.09	5.78	1.85
11000.000	62.96	561.54	15518.00	4180.45	1.41	7.17	2.31
12520.000	50.82	460.17	5483.24	76.59	1.26	4.57	0.81
12520.000	55.59	1021.59	9272.66	215.75	1.73	6.12	1.16
12520.000	57.90	1376.30	11297.59	316.11	1.93	6.78	1.32
12520.000	63.53	2535.30	17043.46	681.24	2.39	8.36	1.69
14090.000	51.45	778.74	5108.86	132.40	1.55	5.55	1.09
14090.000	56.40	1748.52	8421.47	340.00	2.14	7.21	1.48
14090.000	58.76	2345.61	10161.43	482.96	2.38	7.90	1.65
14090.000	64.52	4237.34	15039.34	983.32	2.93	9.56	2.06
16425.000	52.65	351.80	5348.51	319.69	1.20	4.78	1.23
16425.000	57.91	905.37	8828.94	775.69	1.67	6.25	1.70
16425.000	60.38	1270.56	10651.71	1067.74	1.87	6.87	1.89
16425.000	66.39	2500.46	15732.24	2027.30	2.32	8.33	2.34
20760.000	54.37	239.88	5328.40	451.71	1.10	4.65	1.25
20760.000	59.98	653.42	8787.18	1069.40	1.46	5.86	1.64
20760.000	62.57	931.61	10600.94	1457.45	1.61	6.38	1.80
20760.000	68.86	1887.12	15653.88	2719.00	1.96	7.61	2.16
22555.000	55.11	533.23	5358.72	128.05	1.35	5.31	1.03
22555.000	60.78	1336.36	8811.98	361.67	1.79	6.68	1.38
22555.000	63.38	1853.98	10612.69	523.33	1.96	7.25	1.53
22555.000	69.70	3615.23	15543.47	1101.31	2.40	8.58	1.93
23870.000	55.79	523.22	5303.85	192.93	1.33	5.54	1.12
23870.000	61.53	1406.46	8567.37	536.17	1.73	6.82	1.48
23870.000	64.16	1990.62	10230.10	769.28	1.89	7.34	1.63
23870.000	70.57	4048.18	14647.53	1564.29	2.34	8.49	1.95
26100.000	57.03	107.22	5740.73	172.05	0.95	5.54	1.09
26100.000	62.83	414.46	9564.59	530.95	1.39	7.06	1.52
26100.000	65.46	649.69	11554.16	786.12	1.58	7.70	1.70
26100.000	71.84	1532.76	16886.12	1841.12	2.02	9.12	2.23
29750.000	58.83	64.19	5665.85	289.97	0.78	4.68	1.16
29750.000	64.90	222.15	9542.24	745.61	1.12	5.92	1.55
29750.000	67.64	362.64	11591.19	1036.17	1.23	6.47	1.71
29750.000	74.19	975.67	17296.29	1988.04	1.59	7.77	2.07

SECNO	CWSEL	QLOB	GCH	GROB	VLOB	VCH	VR08
33110.000	59.88	255.30	5698.13	66.57	1.11	5.71	0.93
33110.000	66.01	920.99	9367.37	221.64	1.61	7.02	1.26
33110.000	68.77	1424.29	11233.96	331.75	1.78	7.56	1.40
33110.000	75.40	3263.70	16275.09	721.21	2.26	8.79	1.71
33500.000	60.64	2.15	5967.77	50.08	0.29	3.82	0.63
33500.000	66.87	49.69	10245.70	214.60	0.63	4.69	0.89
33500.000	69.66	110.16	12537.57	342.27	0.81	5.08	1.00
33500.000	76.37	404.64	18990.91	864.45	1.16	6.05	1.31
35565.000	61.22	0.03	5889.97	130.00	0.09	3.24	0.69
35565.000	67.46	4.09	10073.91	431.99	0.29	3.98	1.01
35565.000	70.28	9.81	12345.97	634.22	0.37	4.32	1.12
35565.000	77.04	55.81	18776.56	1427.63	0.57	5.16	1.28
37440.000	61.63	115.20	5758.26	26.54	1.21	5.97	0.84
37440.000	67.75	440.88	9690.93	168.19	1.63	7.11	1.47
37440.000	70.52	714.42	11783.42	272.16	1.83	7.64	1.66
37440.000	77.21	1794.66	17470.58	634.75	2.15	8.83	2.03
37490.000	61.68	115.95	5757.12	26.93	1.21	5.95	0.84
37490.000	67.79	442.41	9688.80	168.79	1.63	7.10	1.47
37490.000	70.56	716.28	11780.89	272.83	1.83	7.62	1.66
37490.000	77.24	1798.21	17466.21	635.59	2.15	8.82	2.02
37495.000	61.69	0.00	5900.00	0.00	0.00	5.81	0.00
37495.000	67.92	0.00	10300.00	0.00	0.00	6.31	0.00
37495.000	70.75	0.00	12770.00	0.00	0.00	6.54	0.00
37495.000	77.63	0.00	19900.00	0.00	0.00	6.81	0.00
37525.000	61.72	0.00	5900.00	0.00	0.00	5.80	0.00
37525.000	67.94	0.00	10300.00	0.00	0.00	6.30	0.00
37525.000	70.77	0.00	12770.00	0.00	0.00	6.53	0.00
37525.000	77.65	0.00	19900.00	0.00	0.00	6.80	0.00
37530.000	61.75	0.00	5900.00	0.00	0.00	5.62	0.00
37530.000	68.03	0.00	10300.00	0.00	0.00	5.87	0.00
37530.000	70.88	0.00	12770.00	0.00	0.00	6.05	0.00
37530.000	77.77	0.00	19900.00	0.00	0.00	6.27	0.00
37610.000	61.81	0.00	5900.00	0.00	0.00	5.59	0.00
37610.000	68.07	0.00	10300.00	0.00	0.00	5.85	0.00
37610.000	70.91	0.00	12770.00	0.00	0.00	6.03	0.00
37610.000	77.80	0.00	19900.00	0.00	0.00	6.26	0.00
37615.000	61.79	0.00	5900.00	0.00	0.00	5.76	0.00
37615.000	68.02	0.00	10300.00	0.00	0.00	6.27	0.00
37615.000	70.85	0.00	12770.00	0.00	0.00	6.50	0.00
37615.000	77.73	0.00	19900.00	0.00	0.00	6.77	0.00
37645.000	61.81	0.00	5900.00	0.00	0.00	5.75	0.00
37645.000	68.04	0.00	10300.00	0.00	0.00	6.26	0.00
37645.000	70.87	0.00	12770.00	0.00	0.00	6.50	0.00
37645.000	77.74	0.00	19900.00	0.00	0.00	6.77	0.00

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
17650.000	61.85	0.00	5900.00	0.00	0.00	5.57	0.00
17650.000	68.14	0.00	10300.00	0.00	0.00	5.83	0.00
17650.000	70.97	0.00	12770.00	0.00	0.00	6.01	0.00
17650.000	77.86	0.00	19900.00	0.00	0.00	6.24	0.00
37700.000	61.86	120.18	5750.75	29.07	1.20	5.87	0.86
37700.000	68.02	454.50	9672.02	173.48	1.62	7.00	1.46
37700.000	70.82	732.93	11758.22	278.85	1.81	7.52	1.64
37700.000	77.58	1840.32	17414.36	645.33	2.11	8.70	2.00
38855.000	62.84	113.44	5783.95	2.61	1.37	7.11	0.52
38855.000	68.81	404.98	9802.17	92.85	1.77	8.37	1.19
38855.000	71.56	660.78	11910.25	198.96	2.03	8.91	1.42
38855.000	78.25	1718.34	17497.36	684.30	2.40	10.07	1.85
42000.000	66.67	137.99	5665.82	96.19	1.52	6.89	1.17
42000.000	72.26	419.89	9449.66	430.43	1.97	8.33	1.92
42000.000	74.88	639.97	11461.58	668.45	2.16	8.94	2.17
42000.000	81.27	1609.12	16826.61	1464.27	2.36	10.26	2.65
45750.000	69.94	424.03	5475.97	0.00	1.43	5.11	0.00
45750.000	75.76	1192.08	9107.87	0.05	1.89	6.11	0.10
45750.000	78.38	1668.97	11061.64	39.39	2.04	6.55	0.48
45750.000	84.73	3126.18	15798.63	975.19	2.31	7.27	1.12
47370.000	71.00	94.02	5730.98	0.00	1.03	4.24	0.00
47370.000	76.84	333.40	9787.23	74.37	1.46	5.10	0.74
47370.000	79.45	490.81	11902.80	216.39	1.61	5.48	0.92
47370.000	85.69	1187.13	17526.93	985.94	1.60	6.31	1.44
47371.000	71.00	94.00	5731.00	0.00	1.03	4.24	0.00
47371.000	76.84	333.42	9787.20	74.38	1.46	5.10	0.74
47371.000	79.45	490.83	11902.75	216.42	1.61	5.48	0.92
47371.000	85.69	1187.18	17526.84	985.98	1.60	6.31	1.44
47372.000	71.00	94.01	5730.99	0.00	1.03	4.24	0.00
47372.000	76.84	333.43	9787.17	74.40	1.46	5.10	0.74
47372.000	79.45	490.85	11902.71	216.45	1.61	5.48	0.92
47372.000	85.69	1187.23	17526.74	986.03	1.60	6.31	1.44
47375.000	71.00	94.05	5730.95	0.00	1.03	4.24	0.00
47375.000	76.84	333.47	9787.08	74.45	1.46	5.10	0.74
47375.000	79.45	490.90	11902.57	216.53	1.61	5.48	0.92
47375.000	85.69	1187.40	17526.44	986.17	1.60	6.31	1.44
47380.000	71.00	94.11	5730.89	0.00	1.03	4.24	0.00
47380.000	76.85	333.54	9786.93	74.53	1.46	5.10	0.74
47380.000	79.45	490.98	11902.34	216.68	1.61	5.48	0.92
47380.000	85.69	1187.68	17525.92	986.40	1.60	6.31	1.44
48720.000	71.76	0.00	5531.25	293.75	0.00	4.58	1.52
48720.000	77.58	0.00	9347.93	847.07	0.00	5.43	2.08
48720.000	80.19	0.00	11304.16	1305.84	0.00	5.73	2.06
48720.000	86.45	0.00	16238.99	3461.01	0.00	6.20	2.35

SECNO	CWSEL	QLOB	RCH	QROB	VLOB	VCH	VROB
48770.000	71.87	0.00	5825.00	0.00	0.00	3.96	0.00
48770.000	77.74	0.00	10195.00	0.00	0.00	4.53	0.00
48770.000	80.36	0.00	12610.00	0.00	0.00	4.68	0.00
48770.000	86.60	0.00	19700.00	0.00	0.00	5.12	0.00
48845.000	71.91	0.00	5825.00	0.00	0.00	3.95	0.00
48845.000	77.78	0.00	10195.00	0.00	0.00	4.52	0.00
48845.000	80.41	0.00	12610.00	0.00	0.00	4.66	0.00
48845.000	86.65	0.00	19700.00	0.00	0.00	5.11	0.00
48880.000	71.89	0.00	5534.04	290.96	0.00	4.57	1.50
48880.000	77.74	0.00	9353.73	841.27	0.00	5.41	2.05
48880.000	80.36	0.00	11309.41	1300.59	0.00	5.72	2.02
48880.000	86.60	0.00	16264.63	3435.37	0.00	6.20	2.32
49190.000	72.22	0.00	4570.00	0.00	0.00	3.55	0.00
49190.000	78.10	16.92	8061.66	26.41	0.54	4.26	0.42
49190.000	80.72	63.34	9852.64	159.02	0.78	4.55	0.68
49190.000	86.91	359.10	14635.16	915.75	1.20	5.21	1.30
52060.000	73.86	114.69	4349.55	105.76	1.13	4.37	1.40
52060.000	79.60	662.12	7150.43	292.45	1.32	5.12	1.73
52060.000	82.14	1276.64	8394.98	403.38	1.39	5.33	1.80
52060.000	88.21	3773.16	11208.98	927.85	1.73	5.60	1.44
53570.000	74.84	157.40	4242.82	169.78	1.12	4.28	1.11
53570.000	80.52	1602.07	6011.28	491.65	0.98	4.47	1.44
53570.000	83.01	2765.79	6660.12	649.10	1.13	4.45	1.49
53570.000	88.95	6323.80	8490.16	1096.04	1.42	4.55	1.62
53661.000	74.88	150.75	4248.14	171.11	1.29	4.56	1.37
53661.000	80.50	871.47	6613.93	619.60	1.26	5.17	2.03
53661.000	82.97	1553.11	7650.69	871.19	1.50	5.34	2.20
53661.000	88.87	3749.05	10527.81	1633.14	2.00	5.85	2.58
53711.000	74.85	0.00	4570.00	0.00	0.00	5.23	0.00
53711.000	80.52	0.00	8105.00	0.00	0.00	4.94	0.00
53711.000	82.99	0.00	10075.00	0.00	0.00	4.92	0.00
53711.000	88.88	0.00	15910.00	0.00	0.00	5.16	0.00
53729.000	74.93	0.00	4570.00	0.00	0.00	5.18	0.00
53729.000	80.56	0.00	8105.00	0.00	0.00	4.92	0.00
53729.000	83.03	0.00	10075.00	0.00	0.00	4.91	0.00
53729.000	88.91	0.00	15910.00	0.00	0.00	5.15	0.00
53779.000	75.17	183.01	4183.50	198.49	1.20	4.13	1.21
53779.000	80.68	876.23	6615.05	608.71	1.37	4.89	1.75
53779.000	83.10	1407.83	7806.58	850.59	1.60	5.19	1.94
53779.000	88.93	3128.17	11191.01	1575.82	2.14	6.00	2.36
54389.000	75.53	287.47	4246.05	31.48	0.64	1.91	0.31
54389.000	81.09	811.41	7019.66	268.93	0.93	2.37	0.66
54389.000	83.53	1129.71	8484.14	451.15	1.05	2.58	0.77
54389.000	89.43	2456.86	12290.68	1147.45	1.08	3.01	0.98

SECNO	CWSEL	QLOB	GCH	QROB	VLOB	VCH	VROB
54461.000	75.50	71.07	4493.93	0.00	0.49	2.74	0.00
54461.000	81.04	281.39	7818.58	0.03	0.64	3.40	0.04
54461.000	83.47	438.53	9620.62	5.85	0.72	3.72	0.19
54461.000	89.34	1200.05	14554.66	140.29	0.66	4.43	0.28
54462.000	75.48	1281.75	3283.25	0.00	8.88	14.43	0.00
54462.000	79.71	3430.66	4669.34	0.00	9.61	14.06	0.00
54462.000	82.24	5483.78	4554.46	26.76	10.51	13.72	1.90
54462.000	89.04	9065.41	5869.05	960.54	5.20	9.64	2.19
54466.000	76.47	1301.07	3263.93	0.00	7.17	12.16	0.00
54466.000	79.79	3461.37	4638.62	0.00	9.58	13.97	0.00
54466.000	82.31	5512.04	4523.73	29.23	10.47	13.63	1.95
54466.000	89.05	9062.46	5871.17	961.37	5.19	9.64	2.19
54467.000	78.63	118.70	4446.30	0.00	0.40	2.21	0.00
54467.000	82.42	322.33	7775.71	1.96	0.60	3.16	0.12
54467.000	84.75	249.79	9808.55	6.66	0.33	3.58	0.13
54467.000	89.66	1230.42	14506.85	157.73	0.65	4.36	0.28
54477.000	78.63	222.81	4342.19	0.00	0.76	2.16	0.00
54477.000	82.44	625.79	7469.26	4.95	1.17	3.03	0.30
54477.000	84.79	962.14	9070.29	32.57	1.25	3.30	0.60
54477.000	89.75	2617.86	12859.51	417.62	1.37	3.85	0.72
54517.000	78.64	222.93	4342.07	0.00	0.76	2.16	0.00
54517.000	82.45	626.15	7468.86	4.99	1.17	3.03	0.30
54517.000	84.81	963.36	9068.88	32.75	1.25	3.30	0.60
54517.000	89.77	2619.31	12856.94	418.74	1.37	3.85	0.72
56605.000	79.24	14.44	4496.39	54.17	1.13	6.84	1.71
56605.000	83.34	136.14	7774.08	189.77	1.81	7.63	2.08
56605.000	85.70	308.95	9455.17	300.88	1.57	7.71	2.18
56605.000	90.64	1541.74	13672.23	681.02	1.86	8.23	2.31



ROCKFISH CREEK--BELOW US

SUMMARY PRINTOUT

ALONG	CMSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
0.100	47.80	5598.33	5599.00	5922.00	5922.32	323.98
0.100	51.20	5575.67	5599.00	5922.00	5925.01	349.35
0.100	53.00	5561.16	5599.00	5922.00	5926.44	365.28
0.100	57.50	5224.87	5599.00	5922.00	5930.01	536.24
1.000	47.91	6081.57	6109.00	6228.00	6244.28	162.71
1.000	51.19	6074.69	6109.00	6228.00	6249.15	174.46
1.000	52.95	6071.04	6109.00	6228.00	6251.73	180.70
1.000	57.32	6061.88	6109.00	6228.00	6258.21	196.33
580.000	47.98	6081.42	6109.00	6228.00	6244.38	162.97
580.000	51.30	6074.49	6109.00	6228.00	6249.29	174.80
580.000	53.08	6070.76	6109.00	6228.00	6251.93	181.17
580.000	57.50	6061.51	6109.00	6228.00	6258.48	196.97
2530.000	48.20	1042.86	1067.00	1160.00	1192.60	149.75
2530.000	51.67	1036.48	1067.00	1160.00	1197.44	160.96
2530.000	53.51	1033.12	1067.00	1160.00	1200.00	166.88
2530.000	58.05	1024.80	1067.00	1160.00	1206.31	181.50
3600.000	48.38	1038.41	1077.00	1171.00	1203.12	164.71
3600.000	51.99	1030.97	1077.00	1171.00	1209.55	178.58
3600.000	53.87	1027.07	1077.00	1171.00	1212.90	185.83
3600.000	58.56	1017.40	1077.00	1171.00	1221.25	203.85
5490.000	48.69	1033.30	1049.00	1114.00	1177.76	144.46
5490.000	52.49	1028.54	1049.00	1114.00	1185.01	156.47
5490.000	54.44	1026.09	1049.00	1114.00	1188.72	162.63
5490.000	59.26	1020.02	1049.00	1114.00	1197.94	177.92
8920.000	49.75	1036.20	1063.00	1132.00	1170.61	134.41
8920.000	54.06	1030.57	1063.00	1132.00	1177.89	147.32
8920.000	56.20	1027.78	1063.00	1132.00	1181.49	153.71
8920.000	61.43	1020.96	1063.00	1132.00	1190.31	169.35
10830.000	50.33	1036.66	1077.00	1147.00	1174.78	138.12
10830.000	54.91	1027.49	1077.00	1147.00	1181.97	154.49
10830.000	57.14	1023.00	1077.00	1147.00	1185.49	162.49
10830.000	62.60	1012.04	1077.00	1147.00	1194.08	182.04
10876.000	50.48	1084.36	1109.00	1228.00	1284.39	200.03
10876.000	55.18	1075.71	1109.00	1228.00	1291.81	216.10
10876.000	57.48	1071.58	1109.00	1228.00	1295.56	223.97
10876.000	63.10	1063.08	1109.00	1228.00	1304.76	241.67
10880.000	50.46	1084.41	1109.00	1228.00	1284.36	199.95
10880.000	55.14	1075.79	1109.00	1228.00	1291.75	215.96
10880.000	57.43	1071.66	1109.00	1228.00	1295.48	223.82
10880.000	63.02	1063.21	1109.00	1228.00	1304.63	241.42
10900.000	50.46	1084.40	1109.00	1228.00	1284.36	199.96
10900.000	55.15	1075.78	1109.00	1228.00	1291.76	215.97
10900.000	57.43	1071.65	1109.00	1228.00	1295.49	223.83
10900.000	63.03	1063.20	1109.00	1228.00	1304.63	241.44

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
10955.000	50.50	1084.33	1109.00	1228.00	1284.42	200.09
10955.000	55.21	1075.66	1109.00	1228.00	1291.86	216.20
10955.000	57.51	1071.53	1109.00	1228.00	1295.62	224.09
10955.000	63.16	1063.00	1109.00	1228.00	1304.85	241.85
10955.000	50.44	1033.11	1049.00	1117.00	1188.10	154.99
10955.000	55.09	1026.86	1049.00	1117.00	1197.11	170.26
10955.000	57.37	1023.81	1049.00	1117.00	1201.52	177.71
10955.000	62.94	1016.32	1049.00	1117.00	1212.30	195.98
11000.000	50.45	1033.10	1049.00	1117.00	1188.11	155.01
11000.000	55.11	1026.85	1049.00	1117.00	1197.13	170.29
11000.000	57.38	1023.79	1049.00	1117.00	1201.54	177.75
11000.000	62.96	1016.31	1049.00	1117.00	1212.33	196.02
12520.000	50.82	1042.70	1085.00	1151.00	1166.87	124.17
12520.000	55.59	1033.19	1085.00	1151.00	1173.24	140.05
12520.000	57.90	1028.63	1085.00	1151.00	1176.30	147.66
12520.000	63.53	1017.44	1085.00	1151.00	1183.79	166.35
14090.000	51.45	1050.45	1109.00	1159.00	1177.26	126.81
14090.000	56.40	1040.17	1109.00	1159.00	1184.03	143.86
14090.000	58.76	1035.25	1109.00	1159.00	1187.26	152.01
14090.000	64.52	1023.26	1109.00	1159.00	1195.14	171.87
16425.000	52.65	1050.41	1091.00	1147.00	1179.94	129.53
16425.000	57.91	1037.69	1091.00	1147.00	1188.62	150.94
16425.000	60.38	1031.71	1091.00	1147.00	1192.70	160.99
16425.000	66.39	1017.19	1091.00	1147.00	1202.63	185.44
20760.000	54.37	1069.19	1103.00	1166.00	1211.26	142.07
20760.000	59.98	1055.44	1103.00	1166.00	1224.09	168.65
20760.000	62.57	1049.09	1103.00	1166.00	1230.01	180.92
20760.000	68.86	1033.68	1103.00	1166.00	1244.39	210.70
22555.000	55.11	1039.47	1093.00	1148.00	1167.77	128.29
22555.000	60.78	1021.57	1093.00	1148.00	1176.65	155.04
22555.000	63.38	1013.34	1093.00	1148.00	1180.74	167.40
22555.000	69.70	1000.00	1093.00	1148.00	1185.00	185.00
23870.000	55.79	1045.43	1106.00	1158.00	1185.04	139.61
23870.000	61.53	1019.90	1106.00	1158.00	1197.26	177.36
23870.000	64.16	1008.18	1106.00	1158.00	1202.86	194.68
23870.000	70.57	1000.00	1106.00	1158.00	1216.51	216.51
26100.000	57.03	1036.69	1061.00	1116.00	1142.63	105.94
26100.000	62.83	1021.59	1061.00	1116.00	1155.68	134.09
26100.000	65.46	1014.68	1061.00	1116.00	1161.65	146.97
26100.000	71.84	1000.00	1061.00	1116.00	1188.19	188.19
29750.000	58.83	1036.08	1050.00	1116.00	1148.86	112.78
29750.000	64.90	1020.90	1050.00	1116.00	1159.38	138.47
29750.000	67.64	1009.23	1050.00	1116.00	1164.12	154.89
29750.000	74.19	1000.00	1050.00	1116.00	1175.49	175.49

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDSI	TOPKID
3710.000	59.88	1057.47	1098.00	1153.00	1166.20	108.73
3710.000	68.01	1023.88	1098.00	1153.00	1173.63	149.75
3710.000	68.77	1006.50	1098.00	1153.00	1176.98	170.48
3710.000	75.40	1000.00	1098.00	1153.00	1185.03	185.03
33500.000	60.64	1694.63	1700.00	1800.00	1818.93	124.30
33500.000	66.87	1682.42	1700.00	1800.00	1832.88	150.46
33500.000	69.66	1676.33	1700.00	1800.00	1839.16	162.83
33500.000	76.37	1660.58	1700.00	1800.00	1856.78	196.20
35565.000	61.22	1699.39	1700.00	1815.00	1847.43	148.04
35565.000	67.46	1696.27	1700.00	1815.00	1859.92	163.65
35565.000	70.28	1694.59	1700.00	1815.00	1867.34	172.75
35565.000	77.04	1684.44	1700.00	1815.00	1924.85	240.41
37140.000	61.63	1613.20	1635.00	1700.00	1710.61	97.40
37140.000	67.75	1598.83	1635.00	1700.00	1716.49	117.66
37140.000	70.52	1585.62	1635.00	1700.00	1719.15	133.54
37140.000	77.21	1539.38	1635.00	1700.00	1725.58	186.20
37490.000	61.68	1613.13	1635.00	1700.00	1710.64	97.51
37490.000	67.79	1598.68	1635.00	1700.00	1716.52	117.84
37490.000	70.56	1585.47	1635.00	1700.00	1719.18	133.71
37490.000	77.24	1538.92	1635.00	1700.00	1725.61	186.69
37495.000	61.69	1608.42	1535.00	1785.00	1708.71	100.29
37495.000	67.92	1598.30	1535.00	1785.00	1719.47	121.16
37495.000	70.75	1593.15	1535.00	1785.00	1723.28	130.13
37495.000	77.63	1565.00	1535.00	1785.00	1732.53	167.53
37525.000	61.72	1608.34	1535.00	1785.00	1708.78	100.44
37525.000	67.94	1598.28	1535.00	1785.00	1719.49	121.22
37525.000	70.77	1593.05	1535.00	1785.00	1723.30	130.25
37525.000	77.65	1564.97	1535.00	1785.00	1732.55	167.58
37530.000	61.75	1608.23	1535.00	1785.00	1708.86	100.63
37530.000	68.03	1598.16	1535.00	1785.00	1719.62	121.46
37530.000	70.88	1592.49	1535.00	1785.00	1723.44	130.95
37530.000	77.77	1564.73	1535.00	1785.00	1732.71	167.98
37610.000	61.81	1608.08	1535.00	1785.00	1708.98	100.89
37610.000	68.07	1598.10	1535.00	1785.00	1719.67	121.57
37610.000	70.91	1592.29	1535.00	1785.00	1723.49	131.20
37610.000	77.80	1564.67	1535.00	1785.00	1732.76	168.09
37615.000	61.79	1608.13	1535.00	1785.00	1708.94	100.82
37615.000	68.02	1598.17	1535.00	1785.00	1719.60	121.43
37615.000	70.85	1592.63	1535.00	1785.00	1723.41	130.78
37615.000	77.73	1564.81	1535.00	1785.00	1732.66	167.85
37645.000	61.81	1608.07	1535.00	1785.00	1708.98	100.91
37645.000	68.04	1598.15	1535.00	1785.00	1719.62	121.47
37645.000	70.87	1592.55	1535.00	1785.00	1723.43	130.87
37645.000	77.74	1564.79	1535.00	1785.00	1732.68	167.89

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ACNO	CMSEL	SSTA	STCHL	STCHR	ENOS1	TOPA10
3750.000	61.85	1607.95	1535.00	1785.00	1709.07	101.12
3750.000	68.13	1596.03	1535.00	1785.00	1719.75	121.72
3750.000	70.97	1591.98	1535.00	1785.00	1723.58	131.60
3750.000	77.86	1564.55	1535.00	1785.00	1732.84	162.29
3770.000	61.86	1612.69	1635.00	1700.00	1710.83	92.13
3770.000	68.02	1597.50	1635.00	1700.00	1716.75	119.25
3770.000	70.82	1584.17	1635.00	1700.00	1719.45	135.27
3770.000	77.58	1533.42	1635.00	1700.00	1725.95	192.53
3885.000	62.84	1071.70	1090.00	1150.00	1154.94	83.24
3885.000	68.81	1059.59	1090.00	1150.00	1169.45	109.86
3885.000	71.56	1047.75	1090.00	1150.00	1176.12	128.37
3885.000	78.25	1015.31	1090.00	1150.00	1192.34	177.03
4000.000	66.67	1054.30	1072.00	1128.00	1148.86	94.57
4200.000	72.26	1045.97	1072.00	1128.00	1157.71	111.74
4200.000	74.88	1031.72	1072.00	1128.00	1161.65	129.93
4200.000	81.27	1000.00	1072.00	1128.00	1171.22	171.22
4350.000	69.94	1114.75	1160.00	1236.00	1227.36	112.61
4350.000	75.76	1092.50	1160.00	1236.00	1239.64	147.14
4575.000	78.38	1064.52	1160.00	1236.00	1301.48	216.96
4575.000	84.73	1068.65	1160.00	1236.00	1400.00	331.35
47370.000	71.00	1110.35	1130.00	1227.00	1226.37	116.02
47370.000	76.84	1102.79	1130.00	1227.00	1266.43	163.64
47370.000	79.45	1095.76	1130.00	1227.00	1289.73	193.97
47370.000	85.69	1000.00	1130.00	1227.00	1300.00	300.00
47371.000	71.00	1110.35	1130.00	1227.00	1226.37	116.02
47371.000	76.84	1102.79	1130.00	1227.00	1266.44	163.65
47371.000	79.45	1095.75	1130.00	1227.00	1289.73	193.98
47371.000	85.69	1000.00	1130.00	1227.00	1300.00	300.00
47372.000	71.00	1110.35	1130.00	1227.00	1226.37	116.02
47372.000	76.84	1102.79	1130.00	1227.00	1266.44	163.65
47372.000	79.45	1095.75	1130.00	1227.00	1289.74	193.99
47372.000	85.69	1000.00	1130.00	1227.00	1300.00	300.00
47375.000	71.00	1110.35	1130.00	1227.00	1226.38	116.03
47375.000	76.84	1102.79	1130.00	1227.00	1266.46	163.67
47375.000	79.45	1095.73	1130.00	1227.00	1289.75	194.02
47375.000	85.69	1000.00	1130.00	1227.00	1300.00	300.00
47380.000	71.00	1110.34	1130.00	1227.00	1226.39	116.04
47380.000	76.85	1102.79	1130.00	1227.00	1266.48	163.70
47380.000	79.45	1095.71	1130.00	1227.00	1289.77	194.06
47380.000	85.69	1000.00	1130.00	1227.00	1300.00	300.00
48720.000	71.76	1082.71	1050.00	1166.00	1194.46	111.75
48720.000	77.58	1072.60	1050.00	1166.00	1214.91	142.31
48720.000	80.19	1068.08	1050.00	1166.00	1300.00	231.92
48720.000	86.45	1057.20	1050.00	1166.00	1300.00	242.20

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SECHO	DWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
48770.000	71.87	1429.79	1400.00	1600.00	1536.37	106.58
48770.000	77.74	1422.36	1400.00	1600.00	1577.20	154.84
48770.000	80.35	1419.03	1400.00	1600.00	1600.00	180.97
48770.000	86.60	1411.14	1400.00	1600.00	1600.00	188.86
48845.000	71.91	1429.74	1400.00	1600.00	1536.46	106.73
48845.000	77.78	1422.30	1400.00	1600.00	1577.32	155.02
48845.000	80.41	1418.97	1400.00	1600.00	1600.00	181.03
48845.000	86.65	1411.08	1400.00	1600.00	1600.00	188.92
48880.000	71.89	1082.66	1050.00	1166.00	1194.51	111.85
48880.000	77.74	1072.50	1050.00	1166.00	1215.92	143.42
48880.000	80.36	1067.55	1050.00	1166.00	1300.00	232.05
48880.000	86.60	1057.11	1050.00	1166.00	1300.00	242.89
49190.000	72.22	1121.68	1120.00	1224.00	1218.48	96.79
49190.000	78.10	1105.42	1120.00	1224.00	1269.29	163.87
49190.000	80.72	1098.25	1120.00	1224.00	1300.00	203.75
49190.000	86.91	1073.43	1120.00	1224.00	1300.00	226.57
52060.000	73.86	1034.66	1067.00	1137.00	1149.68	115.03
52060.000	79.60	932.16	1067.00	1137.00	1157.08	224.92
52060.000	82.14	878.21	1067.00	1137.00	1160.40	282.19
52060.000	88.21	855.00	1067.00	1137.00	1270.95	393.63
53570.000	74.84	1350.87	1385.00	1447.00	1477.17	126.30
53570.000	80.52	1067.25	1385.00	1447.00	1483.35	416.10
53570.000	83.01	1058.26	1385.00	1447.00	1486.06	427.80
53570.000	88.95	1036.87	1385.00	1447.00	1488.00	451.13
53661.000	74.88	1363.80	1385.00	1447.00	1476.14	112.34
53661.000	80.50	1242.00	1385.00	1447.00	1482.24	240.24
53661.000	82.97	1242.00	1385.00	1447.00	1484.93	242.93
53661.000	88.87	1242.00	1385.00	1447.00	1488.00	246.00
53711.000	74.85	1350.70	1300.00	1500.00	1445.20	94.50
53711.000	80.52	1300.00	1300.00	1500.00	1460.79	160.79
53711.000	82.99	1300.00	1300.00	1500.00	1467.57	167.57
53711.000	88.88	1300.00	1300.00	1500.00	1487.58	187.58
53729.000	74.93	1350.50	1300.00	1500.00	1445.40	94.90
53729.000	80.56	1300.00	1300.00	1500.00	1460.89	160.89
53729.000	83.03	1300.00	1300.00	1500.00	1467.66	167.66
53729.000	88.91	1300.00	1300.00	1500.00	1487.69	187.69
53779.000	75.17	1343.38	1385.00	1447.00	1477.53	134.15
53779.000	80.68	1285.00	1385.00	1447.00	1483.52	198.52
53779.000	83.10	1285.00	1385.00	1447.00	1485.00	200.00
53779.000	88.93	1285.00	1385.00	1447.00	1485.00	200.00
54389.000	75.53	1204.33	1272.00	1406.00	1450.52	246.19
54389.000	81.09	1191.61	1272.00	1406.00	1472.16	280.55
54389.000	83.53	1187.26	1272.00	1406.00	1481.64	294.38
54389.000	89.43	1045.00	1272.00	1406.00	1597.72	535.13

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
54461.000	75.50	1204.49	1278.00	1397.00	1397.00	150.31
54461.000	81.04	1191.72	1278.00	1397.00	1419.03	189.51
54461.000	81.47	1187.38	1278.00	1397.00	1428.97	211.46
54461.000	84.34	1045.00	1278.00	1397.00	1593.83	548.83
54462.000	75.48	1204.58	1278.00	1397.00	1397.00	150.07
54462.000	79.71	1194.08	1278.00	1397.00	1397.00	177.96
54462.000	82.24	1189.57	1278.00	1397.00	1427.12	203.54
54462.000	89.04	1045.00	1278.00	1397.00	1582.39	537.39
54466.000	76.47	1199.88	1278.00	1397.00	1397.00	163.54
54466.000	79.79	1193.93	1278.00	1397.00	1397.00	178.32
54466.000	82.31	1189.45	1278.00	1397.00	1427.22	203.97
54466.000	89.05	1045.00	1278.00	1397.00	1582.54	537.54
54467.000	78.63	1196.02	1278.00	1397.00	1397.00	175.13
54467.000	82.42	1189.24	1278.00	1397.00	1427.40	204.75
54467.000	84.75	1070.12	1278.00	1397.00	1430.90	348.06
54467.000	89.66	1045.00	1278.00	1397.00	1606.35	561.35
54477.000	78.63	1196.01	1278.00	1397.00	1397.00	175.13
54477.000	82.44	1189.21	1278.00	1397.00	1427.42	204.83
54477.000	84.79	1068.29	1278.00	1397.00	1430.96	352.83
54477.000	89.75	1045.00	1278.00	1397.00	1610.14	565.14
54517.000	78.64	1196.01	1278.00	1397.00	1397.00	175.14
54517.000	82.45	1189.20	1278.00	1397.00	1427.43	204.87
54517.000	84.81	1067.74	1278.00	1397.00	1430.98	354.29
54517.000	89.77	1045.00	1278.00	1397.00	1610.43	565.43
56605.000	79.24	1128.59	1138.00	1226.00	1237.20	108.61
56605.000	83.34	1113.80	1138.00	1226.00	1243.81	130.00
56605.000	85.70	1052.99	1138.00	1226.00	1248.80	195.80
56605.000	90.64	1000.00	1138.00	1226.00	1445.05	301.96

ROCKFISH CREEK--BELOW US

SUMMARY PRINTOUT TABLE 150

SCENO	RUCH	ELTRU	ELLC	ELMIN	O	CKSEL	CRWS	EG	10KAS	VCH	AREA	.01K
0.100	0.00	0.00	0.00	14.50	26040.00	47.80	0.00	48.01	1.67	3.67	7093.15	20132.63
0.100	0.00	0.00	0.00	14.50	30550.00	51.20	0.00	51.42	1.42	3.73	8237.81	25600.44
0.100	0.00	0.00	0.00	14.50	33050.00	53.00	0.00	53.22	1.32	3.76	8880.10	28719.19
0.100	0.00	0.00	0.00	14.50	40330.00	57.50	0.00	57.74	1.17	3.92	10929.91	37288.56
1.000	1.00	0.00	0.00	27.80	6040.00	47.91	0.00	48.02	1.09	2.66	2501.06	5775.59
1.000	1.00	0.00	0.00	27.80	10550.00	51.19	0.00	51.42	1.90	3.91	3055.34	7645.09
1.000	1.00	0.00	0.00	27.80	13050.00	52.95	0.00	53.24	2.23	4.46	3365.36	8731.87
1.000	1.00	0.00	0.00	27.80	20330.00	57.32	0.00	57.81	3.00	5.78	4189.96	11738.77
580.000	580.00	0.00	0.00	27.80	6040.00	47.98	0.00	48.08	1.08	2.65	2512.81	5814.11
580.000	580.00	0.00	0.00	27.80	10550.00	51.30	0.00	51.53	1.88	3.89	3071.81	7702.14
580.000	580.00	0.00	0.00	27.80	13050.00	53.08	0.00	53.37	2.19	4.43	3389.30	8816.87
580.000	580.00	0.00	0.00	27.80	20330.00	57.50	0.00	57.99	2.93	5.74	4225.31	11870.99
2530.000	1950.00	0.00	0.00	27.80	6040.00	48.20	0.00	48.35	1.57	3.21	2249.37	4815.58
2530.000	1950.00	0.00	0.00	27.80	10550.00	51.67	0.00	51.99	2.66	4.67	2786.42	6472.64
2530.000	1950.00	0.00	0.00	27.80	13050.00	53.51	0.00	53.91	3.08	5.30	3087.83	7435.91
2530.000	1950.00	0.00	0.00	27.80	20330.00	58.05	0.00	58.71	4.07	6.84	3878.73	10073.93
3600.000	1070.00	0.00	0.00	28.20	6040.00	48.38	0.00	48.51	1.44	3.05	2423.56	5026.86
3600.000	1070.00	0.00	0.00	28.20	10550.00	51.99	0.00	52.26	2.40	4.41	3043.22	6807.60
3600.000	1070.00	0.00	0.00	28.20	13050.00	53.87	0.00	54.22	2.77	5.00	3387.26	7838.00
3600.000	1070.00	0.00	0.00	28.20	20330.00	58.56	0.00	59.13	3.62	6.40	4301.03	10690.86
5490.000	1890.00	0.00	0.00	28.60	6040.00	48.69	0.00	48.93	3.15	4.20	1980.18	3403.14
5490.000	1890.00	0.00	0.00	28.60	10550.00	52.49	0.00	52.94	4.89	5.92	2551.11	4769.59
5490.000	1890.00	0.00	0.00	28.60	13050.00	54.44	0.00	55.01	5.52	6.65	2861.66	5553.37
5490.000	1890.00	0.00	0.00	28.60	20330.00	59.26	0.00	60.14	6.90	8.37	3684.21	7740.53
8920.000	3430.00	0.00	0.00	29.70	6040.00	49.75	0.00	50.01	3.10	4.29	1811.53	3432.92
8920.000	3430.00	0.00	0.00	29.70	10550.00	54.06	0.00	54.53	4.38	5.88	2419.33	5041.71
8920.000	3430.00	0.00	0.00	29.70	13050.00	56.20	0.00	56.78	4.82	6.55	2741.01	5943.06
8920.000	3430.00	0.00	0.00	29.70	20330.00	61.43	0.00	62.31	5.80	8.17	3586.04	8439.20
10830.000	1910.00	0.00	0.00	29.20	6020.00	50.33	0.00	50.55	2.63	3.96	1924.43	3715.18
10830.000	1910.00	0.00	0.00	29.20	10510.00	54.91	0.00	55.31	3.73	5.42	2592.99	5442.47
10830.000	1910.00	0.00	0.00	29.20	12990.00	57.14	0.00	57.64	4.12	6.04	2947.12	6402.06
10830.000	1910.00	0.00	0.00	29.20	20260.00	62.60	0.00	63.35	4.99	7.53	3887.62	9066.52
10876.000	46.00	0.00	0.00	29.70	6020.00	50.48	0.00	50.57	0.91	2.49	2879.23	6314.86
10876.000	46.00	0.00	0.00	29.70	10510.00	55.18	0.00	55.35	1.25	3.39	3856.91	9392.17
10876.000	46.00	0.00	0.00	29.70	12990.00	57.48	0.00	57.68	1.37	3.77	4361.97	11102.06
10876.000	46.00	0.00	0.00	29.70	20260.00	63.10	0.00	63.40	1.63	4.68	5672.17	15890.16
10880.000	4.00	86.90	83.90	29.70	6020.00	50.46	0.00	50.58	1.65	2.95	2457.81	4684.33
10880.000	4.00	86.90	83.90	29.70	10510.00	55.14	0.00	55.36	2.23	3.99	3283.80	7034.95
10880.000	4.00	86.90	83.90	29.70	12990.00	57.43	0.00	57.70	2.43	4.43	3717.21	8335.05
10880.000	4.00	86.90	83.90	29.70	20260.00	63.02	0.00	63.44	2.92	5.54	4750.02	11850.93
10900.000	20.00	86.90	83.90	29.70	6020.00	50.46	0.00	50.59	1.65	2.95	2458.25	4685.50
10900.000	20.00	86.90	83.90	29.70	10510.00	55.15	0.00	55.37	2.23	3.99	3284.43	7036.85
10900.000	20.00	86.90	83.90	29.70	12990.00	57.43	0.00	57.70	2.43	4.43	3717.88	8337.25
10900.000	20.00	86.90	83.90	29.70	20260.00	63.03	0.00	63.45	2.92	5.54	4750.90	11854.01

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CASEL	CRWS	EG	10KAS	VCH	AREA	.01K
10900.000	4.00	0.00	0.00	29.70	6020.00	50.50	0.00	50.59	0.91	2.49	2882.90	6325.79
10900.000	4.00	0.00	0.00	29.70	10510.00	55.21	0.00	55.37	1.25	3.38	3863.32	9413.34
10900.000	4.00	0.00	0.00	29.70	12990.00	57.51	0.00	57.71	1.36	3.76	4369.85	11129.55
10900.000	4.00	0.00	0.00	29.70	20260.00	63.16	0.00	63.46	1.62	4.67	5689.47	15940.80
10955.000	51.00	0.00	0.00	30.30	6020.00	50.44	0.00	50.63	2.42	3.84	2176.64	3872.58
10955.000	51.00	0.00	0.00	30.30	10510.00	55.09	0.00	55.44	3.32	5.20	2934.08	5766.99
10955.000	51.00	0.00	0.00	30.30	12990.00	57.37	0.00	57.79	3.63	5.78	3329.76	6818.45
10955.000	51.00	0.00	0.00	30.30	20260.00	62.94	0.00	63.57	4.32	7.17	4371.19	9745.01
11000.000	45.00	0.00	0.00	30.30	6020.00	50.45	0.00	50.64	2.41	3.84	2177.80	3875.33
11000.000	45.00	0.00	0.00	30.30	10510.00	55.11	0.00	55.45	3.32	5.20	2935.82	5771.55
11000.000	45.00	0.00	0.00	30.30	12990.00	57.38	0.00	57.81	3.62	5.78	3331.75	6823.84
11000.000	45.00	0.00	0.00	30.30	20260.00	62.96	0.00	63.59	4.32	7.17	4373.80	9752.59
12520.000	1520.00	0.00	0.00	31.80	6020.00	50.82	0.00	51.12	3.70	4.57	1658.45	3128.55
12520.000	1520.00	0.00	0.00	31.80	10510.00	55.59	0.00	56.11	4.86	6.12	2290.45	4768.49
12520.000	1520.00	0.00	0.00	31.80	12990.00	57.90	0.00	58.52	5.25	6.78	2620.51	5669.88
12520.000	1520.00	0.00	0.00	31.80	20260.00	63.53	0.00	64.45	6.11	8.36	3504.49	8198.90
14090.000	1570.00	0.00	0.00	31.90	6020.00	51.45	0.00	51.87	5.65	5.55	1546.18	2533.40
14090.000	1570.00	0.00	0.00	31.90	10510.00	56.40	0.00	57.06	6.94	7.21	2215.20	3988.80
14090.000	1570.00	0.00	0.00	31.90	12990.00	58.76	0.00	59.54	7.33	7.90	2564.65	4797.75
14090.000	1570.00	0.00	0.00	31.90	20260.00	64.52	0.00	65.60	8.19	9.56	3497.53	7081.53
16425.000	2335.00	0.00	0.00	32.20	6020.00	52.65	0.00	52.97	3.95	4.78	1671.66	3030.89
16425.000	2335.00	0.00	0.00	32.20	10510.00	57.91	0.00	58.43	4.93	6.25	2409.55	4734.07
16425.000	2335.00	0.00	0.00	32.20	12990.00	60.38	0.00	60.99	5.25	6.87	2794.75	5666.84
16425.000	2335.00	0.00	0.00	32.20	20260.00	66.39	0.00	67.25	5.96	8.33	3835.68	8301.24
20760.000	4335.00	0.00	0.00	35.50	6020.00	54.37	0.00	54.67	3.91	4.65	1724.66	3044.76
20760.000	4335.00	0.00	0.00	35.50	10510.00	59.98	0.00	60.44	4.34	5.86	2596.46	5047.80
20760.000	4335.00	0.00	0.00	35.50	12990.00	62.57	0.00	63.10	4.47	6.38	3049.19	6143.85
20760.000	4335.00	0.00	0.00	35.50	20260.00	68.86	0.00	69.57	4.78	7.61	4279.86	9266.34
22555.000	1795.00	0.00	0.00	35.70	6020.00	55.11	0.00	55.50	5.15	5.31	1527.02	2651.90
22555.000	1795.00	0.00	0.00	35.70	10510.00	60.78	0.00	61.36	5.68	6.68	2329.99	4410.71
22555.000	1795.00	0.00	0.00	35.70	12990.00	63.38	0.00	64.06	5.84	7.25	2749.88	5374.30
22555.000	1795.00	0.00	0.00	35.70	20260.00	69.70	0.00	70.59	6.16	8.58	3084.72	6163.04
23870.000	1315.00	0.00	0.00	36.40	6020.00	55.79	0.00	56.21	5.57	5.54	1522.40	2551.89
23870.000	1315.00	0.00	0.00	36.40	10510.00	61.53	0.00	62.13	5.88	6.82	2431.61	4334.07
23870.000	1315.00	0.00	0.00	36.40	12990.00	64.16	0.00	64.83	5.94	7.34	2921.30	5330.25
23870.000	1315.00	0.00	0.00	36.40	20260.00	70.57	0.00	71.40	5.96	8.49	4257.11	8300.60
26100.000	2230.00	0.00	0.00	36.70	6020.00	57.03	0.00	57.48	5.70	5.54	1307.22	2521.53
26100.000	2230.00	0.00	0.00	36.70	10510.00	62.83	0.00	63.53	6.47	7.06	2002.39	4130.33
26100.000	2230.00	0.00	0.00	36.70	12990.00	65.46	0.00	66.29	6.72	7.70	2374.97	5010.73
26100.000	2230.00	0.00	0.00	36.70	20260.00	71.84	0.00	72.93	7.13	9.12	3435.85	7585.42
29750.000	3650.00	0.00	0.00	38.90	6020.00	58.83	0.00	59.15	3.70	4.68	1542.81	3130.04
29750.000	3650.00	0.00	0.00	38.90	10510.00	64.90	0.00	65.40	4.05	5.92	2291.57	5225.21
29750.000	3650.00	0.00	0.00	38.90	12990.00	67.64	0.00	68.22	4.19	6.47	2692.83	6345.98
29750.000	3650.00	0.00	0.00	38.90	20260.00	74.19	0.00	75.00	4.54	7.77	3796.50	9512.65



SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CKSEL	CRWS	EG	10K*5	VCH	AREA	.01K
3310.000	2560.00	0.00	0.00	39.70	6020.00	59.88	0.00	60.36	5.74	5.71	1300.48	2512.68
3310.000	2560.00	0.00	0.00	39.70	10510.00	66.01	0.00	66.69	5.88	7.02	2081.16	4332.52
3310.000	2560.00	0.00	0.00	39.70	12990.00	68.77	0.00	69.54	5.91	7.56	2523.29	5343.63
3310.000	2560.00	0.00	0.00	39.70	20260.00	75.40	0.00	76.38	5.97	8.79	3720.71	8293.75
33500.000	1190.00	0.00	0.00	41.20	6020.00	60.64	0.00	60.87	2.95	3.82	1651.08	3507.77
33500.000	1190.00	0.00	0.00	41.20	10510.00	66.87	0.00	67.20	2.84	4.69	2506.29	6235.29
33500.000	1190.00	0.00	0.00	41.20	12990.00	69.66	0.00	70.05	2.85	5.08	2944.24	7697.78
33500.000	1190.00	0.00	0.00	41.20	20260.00	76.37	0.00	76.91	2.93	6.05	4142.13	11836.05
35565.000	2065.00	0.00	0.00	41.20	6020.00	61.22	0.00	61.38	2.06	3.24	2004.67	4195.52
35565.000	2065.00	0.00	0.00	41.20	10510.00	67.46	0.00	67.69	1.98	3.98	2977.58	7461.11
35565.000	2065.00	0.00	0.00	41.20	12990.00	70.28	0.00	70.55	2.00	4.32	3448.66	9194.70
35565.000	2065.00	0.00	0.00	41.20	20260.00	77.04	0.00	77.43	2.07	5.16	4846.31	14084.81
37440.000	1875.00	0.00	0.00	41.40	5900.00	61.63	0.00	62.17	8.22	5.97	1092.15	2057.68
37440.000	1875.00	0.00	0.00	41.40	10300.00	67.75	0.00	68.49	7.38	7.11	1747.88	3792.21
37440.000	1875.00	0.00	0.00	41.40	12770.00	70.52	0.00	71.36	7.21	7.64	2096.29	4756.47
37440.000	1875.00	0.00	0.00	41.40	19900.00	77.21	0.00	78.28	6.93	8.83	3126.32	7559.73
37490.000	50.00	0.00	0.00	41.40	5900.00	61.68	0.00	62.21	8.15	5.95	1095.51	2066.06
37490.000	50.00	0.00	0.00	41.40	10300.00	67.79	0.00	68.52	7.34	7.10	1751.55	3802.44
37490.000	50.00	0.00	0.00	41.40	12770.00	70.56	0.00	71.40	7.17	7.62	2100.37	4767.69
37490.000	50.00	0.00	0.00	41.40	19900.00	77.24	0.00	78.31	6.90	8.82	3131.84	7573.89
37495.000	5.00	99.80	97.10	44.10	5900.00	61.69	0.00	62.22	6.91	5.81	1014.82	2244.52
37495.000	5.00	99.80	97.10	44.10	10300.00	67.92	0.00	68.54	5.68	6.31	1632.02	4321.33
37495.000	5.00	99.80	97.10	44.10	12770.00	70.75	0.00	71.42	5.34	6.54	1951.97	5927.39
37495.000	5.00	99.80	97.10	44.10	19900.00	77.63	0.00	78.35	4.72	6.81	2923.20	9156.53
37525.000	30.00	99.80	97.10	44.10	5900.00	61.72	0.00	62.24	6.86	5.80	1017.44	2251.98
37525.000	30.00	99.80	97.10	44.10	10300.00	67.94	0.00	68.56	5.66	6.30	1634.14	4329.28
37525.000	30.00	99.80	97.10	44.10	12770.00	70.77	0.00	71.43	5.32	6.53	1954.17	5534.41
37525.000	30.00	99.80	97.10	44.10	19900.00	77.65	0.00	78.36	4.71	6.80	2925.84	9168.11
37530.000	5.00	0.00	0.00	44.10	5900.00	61.75	0.00	62.24	6.19	5.62	1050.10	2370.64
37530.000	5.00	0.00	0.00	44.10	10300.00	68.03	0.00	68.57	4.47	5.87	1755.65	4871.41
37530.000	5.00	0.00	0.00	44.10	12770.00	70.88	0.00	71.44	4.14	6.05	2112.31	6278.93
37530.000	5.00	0.00	0.00	44.10	19900.00	77.77	0.00	78.38	3.61	6.27	3172.47	10474.51
37610.000	80.00	0.00	0.00	44.10	5900.00	61.81	0.00	62.29	6.11	5.59	1055.36	2386.34
37610.000	80.00	0.00	0.00	44.10	10300.00	68.07	0.00	68.60	4.44	5.85	1760.57	4890.85
37610.000	80.00	0.00	0.00	44.10	12770.00	70.91	0.00	71.48	4.11	6.03	2117.26	6295.73
37610.000	80.00	0.00	0.00	44.10	19900.00	77.80	0.00	78.41	3.59	6.26	3178.06	10500.34
37615.000	5.00	99.80	97.10	44.10	5900.00	61.79	0.00	62.31	6.75	5.76	1024.25	2271.41
37615.000	5.00	99.80	97.10	44.10	10300.00	68.02	0.00	68.63	5.58	6.27	1642.73	4361.48
37615.000	5.00	99.80	97.10	44.10	12770.00	70.85	0.00	71.51	5.27	6.50	1963.69	5564.76
37615.000	5.00	99.80	97.10	44.10	19900.00	77.73	0.00	78.44	4.66	6.77	2938.15	9222.17
37645.000	30.00	99.80	97.10	44.10	5900.00	61.81	0.00	62.33	6.72	5.75	1025.97	2276.33
37645.000	30.00	99.80	97.10	44.10	10300.00	68.04	0.00	68.65	5.56	6.26	1644.37	4367.65
37645.000	30.00	99.80	97.10	44.10	12770.00	70.87	0.00	71.52	5.26	6.50	1965.36	5570.10
37645.000	30.00	99.80	97.10	44.10	19900.00	77.74	0.00	78.45	4.65	6.77	2940.07	9230.64

SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CWSEL	CRKWS	EG	10K*5	VCH	AREA	.01K
37650.000	5.00	0.00	0.00	44.10	5900.00	61.85	0.00	62.33	6.04	5.57	1059.96	2400.09
37650.000	5.00	0.00	0.00	44.10	10300.00	68.13	0.00	68.66	4.39	5.83	1767.40	4917.88
37650.000	5.00	0.00	0.00	44.10	12770.00	70.97	0.00	71.54	4.08	6.01	2125.13	6322.43
37650.000	5.00	0.00	0.00	44.10	19900.00	77.86	0.00	78.47	3.56	6.24	3188.43	10548.37
37700.000	50.00	0.00	0.00	41.40	5900.00	61.86	0.00	62.38	7.80	5.87	1114.32	2113.06
37700.000	50.00	0.00	0.00	41.40	10300.00	68.02	0.00	68.74	7.03	7.00	1780.76	3883.84
37700.000	50.00	0.00	0.00	41.40	12770.00	70.82	0.00	71.64	6.88	7.52	2137.06	4868.60
37700.000	50.00	0.00	0.00	41.40	19900.00	77.58	0.00	78.62	6.61	8.70	3197.85	7741.72
38855.000	1155.00	0.00	0.00	43.50	5900.00	62.84	0.00	63.61	13.20	7.11	900.84	1623.80
38855.000	1155.00	0.00	0.00	43.50	10300.00	68.81	0.00	69.85	11.22	8.37	1477.96	3075.41
38855.000	1155.00	0.00	0.00	43.50	12770.00	71.56	0.00	72.72	10.67	8.91	1803.26	3908.64
38855.000	1155.00	0.00	0.00	43.50	19900.00	78.25	0.00	79.64	9.61	10.07	2823.61	6419.37
42000.000	3145.00	0.00	0.00	47.50	5900.00	66.67	0.00	67.38	10.93	6.89	995.62	1784.69
42000.000	3145.00	0.00	0.00	47.50	10300.00	72.26	0.00	73.25	10.40	8.33	1572.18	3194.39
42000.000	3145.00	0.00	0.00	47.50	12770.00	74.88	0.00	76.00	10.18	8.94	1886.49	4001.40
42000.000	3145.00	0.00	0.00	47.50	19900.00	81.27	0.00	82.67	9.66	10.26	2876.01	6403.91
45750.000	3750.00	0.00	0.00	50.10	5900.00	69.94	0.00	70.32	5.79	5.11	1368.43	2452.91
45750.000	3750.00	0.00	0.00	50.10	10300.00	75.76	0.00	76.28	6.29	6.11	2121.23	4107.91
45750.000	3750.00	0.00	0.00	50.10	12770.00	78.38	0.00	78.96	6.11	6.55	2588.89	5166.82
45750.000	3750.00	0.00	0.00	50.10	19900.00	84.73	0.00	85.39	5.39	7.27	4395.41	8569.07
47370.000	1620.00	0.00	0.00	51.50	5825.00	71.00	0.00	71.27	5.67	4.24	1443.22	2446.65
47370.000	1620.00	0.00	0.00	51.50	10195.00	76.84	0.00	77.23	5.19	5.10	2247.99	4476.26
47370.000	1620.00	0.00	0.00	51.50	12610.00	79.45	0.00	79.89	5.08	5.48	2710.52	5596.87
47370.000	1620.00	0.00	0.00	51.50	19700.00	85.69	0.00	86.24	4.85	6.31	4202.79	8945.26
47371.000	1.00	0.00	0.00	51.50	5825.00	71.00	0.00	71.27	5.67	4.24	1443.10	2446.39
47371.000	1.00	0.00	0.00	51.50	10195.00	76.84	0.00	77.23	5.19	5.10	2248.08	4476.49
47371.000	1.00	0.00	0.00	51.50	12610.00	79.45	0.00	79.89	5.08	5.48	2710.62	5597.12
47371.000	1.00	0.00	0.00	51.50	19700.00	85.69	0.00	86.24	4.85	6.31	4202.93	8945.54
47372.000	1.00	0.00	0.00	51.50	5825.00	71.00	0.00	71.27	5.67	4.24	1443.17	2446.52
47372.000	1.00	0.00	0.00	51.50	10195.00	76.84	0.00	77.23	5.19	5.10	2248.16	4476.69
47372.000	1.00	0.00	0.00	51.50	12610.00	79.45	0.00	79.89	5.08	5.48	2710.72	5597.34
47372.000	1.00	0.00	0.00	51.50	19700.00	85.69	0.00	86.24	4.85	6.31	4203.07	8945.84
47375.000	3.00	0.00	0.00	51.50	5825.00	71.00	0.00	71.27	5.67	4.24	1443.37	2446.95
47375.000	3.00	0.00	0.00	51.50	10195.00	76.84	0.00	77.23	5.18	5.10	2248.42	4477.32
47375.000	3.00	0.00	0.00	51.50	12610.00	79.45	0.00	79.89	5.07	5.48	2711.02	5598.06
47375.000	3.00	0.00	0.00	51.50	19700.00	85.69	0.00	86.25	4.85	6.31	4203.52	8946.77
47380.000	5.00	0.00	0.00	51.50	5825.00	71.00	0.00	71.28	5.66	4.24	1443.71	2447.68
47380.000	5.00	0.00	0.00	51.50	10195.00	76.85	0.00	77.24	5.18	5.10	2248.86	4478.41
47380.000	5.00	0.00	0.00	51.50	12610.00	79.45	0.00	79.90	5.07	5.48	2711.53	5599.26
47380.000	5.00	0.00	0.00	51.50	19700.00	85.69	0.00	86.25	4.85	6.31	4204.28	8948.35
48720.000	1340.00	0.00	0.00	51.90	5825.00	71.76	0.00	72.07	6.00	4.58	1401.09	2378.76
48720.000	1340.00	0.00	0.00	51.90	10195.00	77.58	0.00	78.01	6.18	5.43	2129.61	4100.53
48720.000	1340.00	0.00	0.00	51.90	12610.00	80.19	0.00	80.65	6.16	5.73	2605.54	5081.38
48720.000	1340.00	0.00	0.00	51.90	19700.00	86.45	0.00	86.96	5.72	6.20	4092.87	8236.93

SECNO	XLCH	ELTRD	ELLC	ELMIN	U	CWSEL	CRKWS	EG	10K*S	VCH	AREA	.01K
48770.000	50.00	0.00	0.00	51.90	5825.00	71.87	0.00	72.11	3.92	3.96	1469.68	2943.29
48770.000	50.00	0.00	0.00	51.90	10195.00	77.74	0.00	78.05	4.70	4.53	2249.91	4702.39
48770.000	50.00	0.00	0.00	51.90	12610.00	80.36	0.00	80.70	4.81	4.68	2694.82	5748.71
48770.000	50.00	0.00	0.00	51.90	19700.00	86.60	0.00	87.00	3.83	5.12	3847.31	10064.57
48845.000	75.00	91.60	88.00	51.90	5825.00	71.91	0.00	72.15	3.88	3.95	1474.25	2955.66
48845.000	75.00	91.60	88.00	51.90	10195.00	77.78	0.00	78.10	4.66	4.52	2257.19	4723.90
48845.000	75.00	91.60	88.00	51.90	12610.00	80.41	0.00	80.75	4.76	4.66	2703.23	5777.19
48845.000	75.00	91.60	88.00	51.90	19700.00	86.65	0.00	87.05	3.80	5.11	3856.37	10101.56
48880.000	35.00	0.00	0.00	52.00	5825.00	71.89	0.00	72.20	7.37	4.57	1403.86	2145.11
48880.000	35.00	0.00	0.00	52.00	10195.00	77.74	0.00	78.16	7.57	5.41	2137.90	3704.74
48880.000	35.00	0.00	0.00	52.00	12610.00	80.36	0.00	80.82	7.54	5.72	2621.64	4593.43
48880.000	35.00	0.00	0.00	52.00	19700.00	86.60	0.00	87.11	7.05	6.20	4104.44	7422.02
49190.000	310.00	0.00	0.00	52.60	4570.00	72.22	0.00	72.41	5.23	3.55	1288.78	1998.48
49190.000	310.00	0.00	0.00	52.60	8105.00	78.10	0.00	78.38	5.02	4.26	1985.66	3616.27
49190.000	310.00	0.00	0.00	52.60	10075.00	80.72	0.00	81.03	4.79	4.55	2477.63	4602.47
49190.000	310.00	0.00	0.00	52.60	15910.00	86.91	0.00	87.30	4.43	5.21	3810.20	7555.03
52060.000	2870.00	0.00	0.00	56.40	4570.00	73.86	0.00	74.14	6.71	4.37	1172.38	1764.54
52060.000	2870.00	0.00	0.00	56.40	8105.00	79.60	0.00	79.97	5.84	5.12	2066.97	3352.54
52060.000	2870.00	0.00	0.00	56.40	10075.00	82.14	0.00	82.52	5.41	5.33	2716.45	4333.38
52060.000	2870.00	0.00	0.00	56.40	15910.00	88.21	0.00	88.57	4.35	5.60	4826.98	7630.89
53570.000	1510.00	0.00	0.00	57.80	4570.00	74.84	0.00	75.10	6.04	4.28	1285.04	1860.13
53570.000	1510.00	0.00	0.00	57.80	8105.00	80.52	0.00	80.75	4.40	4.47	3318.68	3864.78
53570.000	1510.00	0.00	0.00	57.80	10075.00	83.01	0.00	83.22	3.75	4.45	4371.10	5199.62
53570.000	1510.00	0.00	0.00	57.80	15910.00	88.95	0.00	89.14	2.93	4.55	6984.25	9289.79
53661.000	91.00	0.00	0.00	58.80	4570.00	74.88	0.00	75.18	7.42	4.56	1173.80	1677.21
53661.000	91.00	0.00	0.00	58.80	8105.00	80.50	0.00	80.85	6.25	5.17	2265.88	3241.67
53661.000	91.00	0.00	0.00	58.80	10075.00	82.97	0.00	83.32	5.74	5.34	2863.19	4206.18
53661.000	91.00	0.00	0.00	58.80	15910.00	88.87	0.00	89.25	5.09	5.85	4309.75	7049.26
53711.000	50.00	0.00	0.00	59.40	4570.00	74.85	0.00	75.28	12.22	5.23	874.43	1307.29
53711.000	50.00	0.00	0.00	59.40	8105.00	80.52	0.00	80.90	9.02	4.94	1640.55	2699.25
53711.000	50.00	0.00	0.00	59.40	10075.00	82.99	0.00	83.36	7.05	4.92	2046.02	3793.15
53711.000	50.00	0.00	0.00	59.40	15910.00	88.88	0.00	89.29	5.20	5.16	3086.16	6976.23
53729.000	18.00	94.90	92.50	59.40	4570.00	74.93	0.00	75.34	11.96	5.18	881.49	1321.47
53729.000	18.00	94.90	92.50	59.40	8105.00	80.56	0.00	80.94	8.92	4.92	1646.36	2714.08
53729.000	18.00	94.90	92.50	59.40	10075.00	83.03	0.00	83.40	7.00	4.91	2051.15	3807.72
53729.000	18.00	94.90	92.50	59.40	15910.00	88.91	0.00	89.32	5.18	5.15	3091.19	6992.57
53779.000	50.00	0.00	0.00	57.80	4565.00	75.17	0.00	75.42	5.48	4.13	1328.37	1950.26
53779.000	50.00	0.00	0.00	57.80	8100.00	80.68	0.00	80.99	5.20	4.89	2338.54	3552.39
53779.000	50.00	0.00	0.00	57.80	10065.00	83.10	0.00	83.44	5.09	5.19	2823.12	4459.43
53779.000	50.00	0.00	0.00	57.80	15895.00	88.93	0.00	89.35	5.10	6.00	3989.45	7035.48
54389.000	610.00	0.00	0.00	56.20	4565.00	75.53	0.00	75.59	1.15	1.91	2775.80	4252.58
54389.000	610.00	0.00	0.00	56.20	8100.00	81.09	0.00	81.17	1.20	2.37	4247.64	7392.02
54389.000	610.00	0.00	0.00	56.20	10065.00	83.53	0.00	83.62	1.24	2.58	4948.14	9043.92
54389.000	610.00	0.00	0.00	56.20	15895.00	89.43	0.00	89.55	1.27	3.01	7531.40	14110.24

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CHSEL	CRMS	EG	10K+S	VCH	AREA	.01K
54461.000	72.00	0.00	0.00	61.60	4565.00	75.50	0.00	75.62	0.31	2.74	1784.98	8256.94
54461.000	72.00	0.00	0.00	61.60	8100.00	81.04	0.00	81.21	0.33	3.40	2738.88	14080.92
54461.000	72.00	0.00	0.00	61.60	10065.00	83.47	0.00	83.67	0.35	3.72	3233.04	16981.72
54461.000	72.00	0.00	0.00	61.60	15895.00	89.34	0.00	89.62	0.38	4.43	5599.25	25730.74
54462.000	1.00	86.50	78.00	68.80	4565.00	75.48	75.48	78.15	100.44	14.43	371.92	455.49
54462.000	1.00	86.50	78.00	68.80	8100.00	79.71	78.07	82.09	82.84	14.06	689.09	889.96
54462.000	1.00	86.50	78.00	68.80	10065.00	82.24	78.05	84.50	81.94	13.72	867.79	1111.89
54462.000	1.00	86.50	78.00	68.80	15895.00	89.04	0.00	89.82	23.83	9.64	2792.29	3255.90
54465.000	4.00	86.50	78.00	68.80	4565.00	76.47	75.48	78.34	58.51	12.16	449.82	596.78
54465.000	4.00	86.50	78.00	68.80	8100.00	79.79	78.07	82.13	81.84	13.97	693.33	895.35
54465.000	4.00	86.50	78.00	68.80	10065.00	82.31	78.05	84.53	80.92	13.63	873.49	1118.87
54465.000	4.00	86.50	78.00	68.80	15895.00	89.05	0.00	89.83	23.79	9.64	2794.42	3258.94
54467.000	1.00	0.00	0.00	61.60	4565.00	78.63	0.00	78.70	0.16	2.21	2307.30	11414.21
54467.000	1.00	0.00	0.00	61.60	8100.00	82.42	0.00	82.57	0.27	3.16	3016.24	15715.37
54467.000	1.00	0.00	0.00	61.60	10065.00	84.75	0.00	84.94	0.08	3.58	3554.18	36258.96
54467.000	1.00	0.00	0.00	61.60	15895.00	89.66	0.00	89.93	0.36	4.36	5776.45	26314.79
54477.000	10.00	0.00	0.00	61.60	4565.00	78.63	0.00	78.70	1.69	2.16	2307.80	3507.28
54477.000	10.00	0.00	0.00	61.60	8100.00	82.44	0.00	82.57	2.72	3.03	3018.83	4912.53
54477.000	10.00	0.00	0.00	61.60	10065.00	84.79	0.00	84.95	2.92	3.30	3568.28	5894.38
54477.000	10.00	0.00	0.00	61.60	15895.00	89.75	0.00	89.95	3.19	3.85	5829.89	8893.12
54517.000	40.00	0.00	0.00	61.60	4565.00	78.64	0.00	78.71	1.69	2.16	2308.45	3508.54
54517.000	40.00	0.00	0.00	61.60	8100.00	82.45	0.00	82.58	2.72	3.03	3020.06	4914.91
54517.000	40.00	0.00	0.00	61.60	10065.00	84.81	0.00	84.96	2.91	3.30	3572.62	5899.93
54517.000	40.00	0.00	0.00	61.60	15895.00	89.77	0.00	89.96	3.19	3.85	5833.91	8898.66
54605.000	2147.00	0.00	0.00	69.90	4565.00	79.24	0.00	79.96	37.32	6.84	702.00	747.24
54605.000	2147.00	0.00	0.00	69.90	8100.00	83.34	0.00	84.21	25.96	7.63	1184.68	1589.68
54605.000	2147.00	0.00	0.00	69.90	10065.00	85.70	0.00	86.57	20.70	7.71	1561.11	2212.23
54605.000	2147.00	0.00	0.00	69.90	15895.00	90.64	0.00	91.55	15.74	8.23	2785.36	4006.13

ROCKFISH CREEK--BELOW US

SUMMARY PRINTOUT TABLE 150

SENO	Q	CKSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
0.100	26040.00	47.80	0.00	0.00	0.00	323.98	0.00
0.100	30550.00	51.20	3.40	0.00	0.00	349.35	0.00
0.100	33050.00	53.00	1.80	0.00	0.00	365.28	0.00
0.100	40330.00	57.50	4.50	0.00	0.00	536.24	0.00
1.000	6040.00	47.91	0.00	0.11	0.00	162.71	1.00
1.000	10550.00	51.19	3.28	-0.01	0.00	174.46	1.00
1.000	13050.00	52.95	1.76	-0.05	0.00	180.70	1.00
1.000	20330.00	57.32	4.37	-0.18	0.00	196.33	1.00
580.000	6040.00	47.98	0.00	0.06	0.00	162.97	580.00
580.000	10550.00	51.30	3.33	0.11	0.00	174.80	580.00
580.000	13050.00	53.08	1.78	0.13	0.00	181.17	580.00
580.000	20330.00	57.50	4.42	0.18	0.00	196.97	580.00
2530.000	6040.00	48.20	0.00	0.22	0.00	149.75	1950.00
2530.000	10550.00	51.67	3.48	0.37	0.00	160.96	1950.00
2530.000	13050.00	53.51	1.83	0.43	0.00	166.88	1950.00
2530.000	20330.00	58.05	4.54	0.55	0.00	181.50	1950.00
3600.000	6040.00	48.38	0.00	0.18	0.00	164.71	1070.00
3600.000	10550.00	51.99	3.61	0.31	0.00	178.58	1070.00
3600.000	13050.00	53.87	1.89	0.37	0.00	185.83	1070.00
3600.000	20330.00	58.56	4.69	0.51	0.00	203.85	1070.00
5490.000	6040.00	48.69	0.00	0.32	0.00	144.46	1890.00
5490.000	10550.00	52.49	3.79	0.50	0.00	156.47	1890.00
5490.000	13050.00	54.44	1.95	0.57	0.00	162.63	1890.00
5490.000	20330.00	59.26	4.82	0.70	0.00	177.92	1890.00
8920.000	6040.00	49.75	0.00	1.06	0.00	134.41	3430.00
8920.000	10550.00	54.06	4.31	1.56	0.00	147.32	3430.00
8920.000	13050.00	56.20	2.14	1.76	0.00	153.71	3430.00
8920.000	20330.00	61.43	5.23	2.17	0.00	169.35	3430.00
10830.000	6020.00	50.33	0.00	0.58	0.00	138.12	1910.00
10830.000	10510.00	54.91	4.58	0.84	0.00	154.49	1910.00
10830.000	12990.00	57.14	2.23	0.94	0.00	162.49	1910.00
10830.000	20260.00	62.60	5.46	1.17	0.00	182.04	1910.00
10876.000	6020.00	50.48	0.00	0.15	0.00	200.03	46.00
10876.000	10510.00	55.18	4.70	0.27	0.00	216.10	46.00
10876.000	12990.00	57.48	2.29	0.34	0.00	223.97	46.00
10876.000	20260.00	63.10	5.63	0.50	0.00	241.67	46.00
10880.000	6020.00	50.46	0.00	-0.02	0.00	199.95	4.00
10880.000	10510.00	55.14	4.68	-0.04	0.00	215.96	4.00
10880.000	12990.00	57.43	2.29	-0.05	0.00	223.82	4.00
10880.000	20260.00	63.02	5.60	-0.08	0.00	241.42	4.00
10900.000	6020.00	50.46	0.00	0.00	0.00	199.96	20.00
10900.000	10510.00	55.15	4.68	0.00	0.00	215.97	20.00
10900.000	12990.00	57.43	2.29	0.00	0.00	223.83	20.00
10900.000	20260.00	63.03	5.60	0.01	0.00	241.44	20.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
10900.000	6020.00	50.50	0.00	0.04	0.00	200.09	4.00
10900.000	10510.00	55.21	4.71	0.07	0.00	216.20	4.00
10900.000	12990.00	57.51	2.30	0.08	0.00	224.09	4.00
10900.000	20260.00	61.16	5.65	0.13	0.00	241.85	4.00
10955.000	6020.00	50.44	0.00	-0.07	0.00	154.99	51.00
10955.000	10510.00	55.09	4.66	-0.12	0.00	170.26	51.00
10955.000	12990.00	57.37	2.27	-0.15	0.00	177.71	51.00
10955.000	20260.00	62.94	5.57	-0.22	0.00	195.98	51.00
11000.000	6020.00	50.45	0.00	0.01	0.00	155.01	45.00
11000.000	10510.00	55.11	4.66	0.02	0.00	170.29	45.00
11000.000	12990.00	57.38	2.26	0.02	0.00	177.75	45.00
11000.000	20260.00	62.96	5.58	0.02	0.00	196.02	45.00
12520.000	6020.00	50.82	0.00	0.38	0.00	124.17	1520.00
12520.000	10510.00	55.59	4.77	0.48	0.00	140.05	1520.00
12520.000	12990.00	57.90	2.30	0.51	0.00	147.66	1520.00
12520.000	20260.00	63.53	5.63	0.57	0.00	166.35	1520.00
14090.000	6020.00	51.45	0.00	0.63	0.00	126.81	1570.00
14090.000	10510.00	56.40	4.94	0.81	0.00	143.86	1570.00
14090.000	12990.00	58.76	2.36	0.86	0.00	152.01	1570.00
14090.000	20260.00	64.52	5.76	0.99	0.00	171.87	1570.00
16425.000	6020.00	52.65	0.00	1.20	0.00	129.53	2335.00
16425.000	10510.00	57.91	5.26	1.51	0.00	150.94	2335.00
16425.000	12990.00	60.38	2.47	1.62	0.00	160.99	2335.00
16425.000	20260.00	66.39	6.01	1.87	0.00	185.44	2335.00
20760.000	6020.00	54.37	0.00	1.72	0.00	142.07	4335.00
20760.000	10510.00	59.98	5.61	2.07	0.00	168.65	4335.00
20760.000	12990.00	62.57	2.59	2.19	0.00	180.92	4335.00
20760.000	20260.00	68.86	6.28	2.47	0.00	210.70	4335.00
22555.000	6020.00	55.11	0.00	0.74	0.00	128.29	1795.00
22555.000	10510.00	60.78	5.67	0.79	0.00	155.09	1795.00
22555.000	12990.00	63.38	2.60	0.81	0.00	167.40	1795.00
22555.000	20260.00	69.70	6.32	0.84	0.00	185.00	1795.00
23870.000	6020.00	55.79	0.00	0.68	0.00	139.61	1315.00
23870.000	10510.00	61.53	5.74	0.75	0.00	177.36	1315.00
23870.000	12990.00	64.16	2.63	0.78	0.00	194.68	1315.00
23870.000	20260.00	70.57	6.41	0.87	0.00	216.51	1315.00
26100.000	6020.00	57.03	0.00	1.23	0.00	105.94	2230.00
26100.000	10510.00	62.83	5.80	1.30	0.00	134.09	2230.00
26100.000	12990.00	65.46	2.64	1.30	0.00	146.97	2230.00
26100.000	20260.00	71.84	6.37	1.27	0.00	188.19	2230.00
29750.000	6020.00	58.83	0.00	1.80	0.00	112.78	3650.00
29750.000	10510.00	64.90	6.07	2.07	0.00	138.47	3650.00
29750.000	12990.00	67.64	2.74	2.17	0.00	154.89	3650.00
29750.000	20260.00	74.19	6.56	2.36	0.00	175.49	3650.00

SECHO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
3310.000	6020.00	59.88	0.00	1.05	0.00	108.73	2560.00
3310.000	10510.00	66.01	6.12	1.11	0.00	149.75	2560.00
3310.000	12990.00	68.77	2.76	1.13	0.00	170.48	2560.00
3310.000	20260.00	75.40	6.63	1.21	0.00	185.03	2560.00
33500.000	6020.00	60.64	0.00	0.76	0.00	124.30	1190.00
33500.000	10510.00	66.87	6.23	0.86	0.00	150.46	1190.00
33500.000	12990.00	69.66	2.80	0.90	0.00	162.83	1190.00
33500.000	20260.00	76.37	6.71	0.97	0.00	196.20	1190.00
35565.000	6020.00	61.22	0.00	0.58	0.00	148.04	2065.00
35565.000	10510.00	67.46	6.24	0.59	0.00	163.65	2065.00
35565.000	12990.00	70.28	2.82	0.61	0.00	172.75	2065.00
35565.000	20260.00	77.04	6.77	0.67	0.00	240.41	2065.00
37440.000	5900.00	61.63	0.00	0.42	0.00	97.40	1875.00
37440.000	10300.00	67.75	6.11	0.29	0.00	117.66	1875.00
37440.000	12770.00	70.52	2.77	0.25	0.00	133.54	1875.00
37440.000	19900.00	77.21	6.69	0.16	0.00	186.20	1875.00
37490.000	5900.00	61.68	0.00	0.04	0.00	97.51	50.00
37490.000	10300.00	67.79	6.11	0.04	0.00	117.84	50.00
37490.000	12770.00	70.56	2.77	0.04	0.00	133.71	50.00
37490.000	19900.00	77.24	6.68	0.04	0.00	186.69	50.00
37495.000	5900.00	61.69	0.00	0.02	0.00	100.29	5.00
37495.000	10300.00	67.92	6.23	0.14	0.00	121.16	5.00
37495.000	12770.00	70.75	2.83	0.19	0.00	130.13	5.00
37495.000	19900.00	77.63	6.88	0.39	0.00	167.53	5.00
37525.000	5900.00	61.72	0.00	0.02	0.00	100.44	30.00
37525.000	10300.00	67.94	6.22	0.02	0.00	121.22	30.00
37525.000	12770.00	70.77	2.83	0.02	0.00	130.25	30.00
37525.000	19900.00	77.65	6.88	0.02	0.00	167.58	30.00
37530.000	5900.00	61.75	0.00	0.04	0.00	100.63	5.00
37530.000	10300.00	68.03	6.28	0.09	0.00	121.46	5.00
37530.000	12770.00	70.88	2.84	0.11	0.00	130.95	5.00
37530.000	19900.00	77.77	6.89	0.12	0.00	167.98	5.00
37610.000	5900.00	61.81	0.00	0.05	0.00	100.89	80.00
37610.000	10300.00	68.07	6.26	0.04	0.00	121.57	80.00
37610.000	12770.00	70.91	2.84	0.04	0.00	131.20	80.00
37610.000	19900.00	77.80	6.89	0.03	0.00	168.09	80.00
37615.000	5900.00	61.79	0.00	-0.02	0.00	100.82	5.00
37615.000	10300.00	68.02	6.23	-0.05	0.00	121.43	5.00
37615.000	12770.00	70.85	2.83	-0.06	0.00	130.78	5.00
37615.000	19900.00	77.73	6.88	-0.07	0.00	167.85	5.00
37645.000	5900.00	61.81	0.00	0.02	0.00	100.91	30.00
37645.000	10300.00	68.04	6.22	0.02	0.00	121.47	30.00
37645.000	12770.00	70.87	2.83	0.02	0.00	130.87	30.00
37645.000	19900.00	77.74	6.87	0.01	0.00	167.89	30.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
3750.000	5900.00	61.85	0.00	0.04	0.00	101.12	5.00
3750.000	10300.00	66.13	6.28	0.09	0.00	121.72	5.00
3750.000	12770.00	70.97	2.84	0.11	0.00	131.60	5.00
3750.000	19900.00	77.86	6.89	0.12	0.00	168.29	5.00
3770.000	5900.00	61.86	0.00	0.01	0.00	98.13	50.00
3770.000	10300.00	68.02	6.17	-0.11	0.00	119.25	50.00
3770.000	12770.00	70.82	2.80	-0.15	0.00	135.27	50.00
3770.000	19900.00	77.58	6.76	-0.28	0.00	192.53	50.00
3855.000	5900.00	62.84	0.00	0.98	0.00	83.24	1155.00
3855.000	10300.00	68.81	5.98	0.79	0.00	109.86	1155.00
3855.000	12770.00	71.56	2.75	0.74	0.00	128.37	1155.00
3855.000	19900.00	78.25	6.68	0.66	0.00	177.03	1155.00
4200.000	5900.00	66.67	0.00	3.84	0.00	94.57	3145.00
4200.000	10300.00	72.26	5.58	3.44	0.00	111.74	3145.00
4200.000	12770.00	74.88	2.62	3.31	0.00	129.93	3145.00
4200.000	19900.00	81.27	6.40	3.03	0.00	171.22	3145.00
4575.000	5900.00	69.94	0.00	3.27	0.00	112.61	3750.00
4575.000	10300.00	75.76	5.82	3.51	0.00	147.14	3750.00
4575.000	12770.00	78.38	2.62	3.50	0.00	216.96	3750.00
4575.000	19900.00	84.73	6.35	3.45	0.00	331.35	3750.00
4737.000	5825.00	71.00	0.00	1.05	0.00	116.02	1620.00
4737.000	10195.00	76.84	5.84	1.08	0.00	163.64	1620.00
4737.000	12610.00	79.45	2.61	1.07	0.00	193.97	1620.00
4737.000	19700.00	85.69	6.24	0.96	0.00	300.00	1620.00
47371.000	5825.00	71.00	0.00	0.00	0.00	116.02	1.00
47371.000	10195.00	76.84	5.84	0.00	0.00	163.65	1.00
47371.000	12610.00	79.45	2.61	0.00	0.00	193.98	1.00
47371.000	19700.00	85.69	6.24	0.00	0.00	300.00	1.00
47372.000	5825.00	71.00	0.00	0.00	0.00	116.02	1.00
47372.000	10195.00	76.84	5.84	0.00	0.00	163.65	1.00
47372.000	12610.00	79.45	2.61	0.00	0.00	193.99	1.00
47372.000	19700.00	85.69	6.24	0.00	0.00	300.00	1.00
47375.000	5825.00	71.00	0.00	0.00	0.00	116.03	3.00
47375.000	10195.00	76.84	5.84	0.00	0.00	163.67	3.00
47375.000	12610.00	79.45	2.61	0.00	0.00	194.02	3.00
47375.000	19700.00	85.69	6.24	0.00	0.00	300.00	3.00
47380.000	5825.00	71.00	0.00	0.00	0.00	116.04	5.00
47380.000	10195.00	76.85	5.84	0.00	0.00	163.70	5.00
47380.000	12610.00	79.45	2.61	0.00	0.00	194.06	5.00
47380.000	19700.00	85.69	6.24	0.00	0.00	300.00	5.00
48720.000	5825.00	71.76	0.00	0.76	0.00	111.75	1340.00
48720.000	10195.00	77.58	5.82	0.74	0.00	142.31	1340.00
48720.000	12610.00	80.19	2.61	0.73	0.00	231.92	1340.00
48720.000	19700.00	86.45	6.27	0.76	0.00	242.80	1340.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
48770.000	5825.00	71.87	0.00	0.10	0.00	106.58	50.00
48770.000	10195.00	77.74	5.87	0.15	0.00	154.84	50.00
48770.000	12610.00	80.36	2.63	0.18	0.00	180.97	50.00
48770.000	19700.00	86.60	6.23	0.14	0.00	188.86	50.00
48845.000	5825.00	71.91	0.00	0.04	0.00	106.73	75.00
48845.000	10195.00	77.78	5.87	0.05	0.00	155.02	75.00
48845.000	12610.00	80.41	2.63	0.05	0.00	181.03	75.00
48845.000	19700.00	86.65	6.23	0.05	0.00	188.92	75.00
48880.000	5825.00	71.89	0.00	-0.02	0.00	111.85	35.00
48880.000	10195.00	77.74	5.85	-0.04	0.00	143.42	35.00
48880.000	12610.00	80.36	2.62	-0.05	0.00	232.05	35.00
48880.000	19700.00	86.60	6.24	-0.04	0.00	242.89	35.00
49190.000	4570.00	72.22	0.00	0.33	0.00	96.79	310.00
49190.000	8105.00	78.10	5.88	0.36	0.00	163.87	310.00
49190.000	10075.00	80.72	2.62	0.36	0.00	203.75	310.00
49190.000	15910.00	86.91	6.19	0.31	0.00	226.57	310.00
52060.000	4570.00	73.86	0.00	1.64	0.00	115.03	2870.00
52060.000	8105.00	79.60	5.75	1.50	0.00	224.92	2870.00
52060.000	10075.00	82.14	2.54	1.42	0.00	282.19	2870.00
52060.000	15910.00	88.21	6.07	1.30	0.00	393.63	2870.00
53570.000	4570.00	74.84	0.00	0.98	0.00	126.30	1510.00
53570.000	8105.00	80.52	5.68	0.91	0.00	416.10	1510.00
53570.000	10075.00	83.01	2.49	0.87	0.00	427.80	1510.00
53570.000	15910.00	88.95	5.94	0.74	0.00	451.13	1510.00
53661.000	4570.00	74.88	0.00	0.04	0.00	112.34	91.00
53661.000	8105.00	80.50	5.62	-0.02	5.62	240.24	91.00
53661.000	10075.00	82.97	2.47	-0.04	8.09	242.93	91.00
53661.000	15910.00	88.87	5.90	-0.08	13.99	246.00	91.00
53711.000	4570.00	74.85	0.00	-0.03	0.00	94.50	50.00
53711.000	8105.00	80.52	5.67	0.02	5.67	160.79	50.00
53711.000	10075.00	82.99	2.47	0.01	8.14	167.57	50.00
53711.000	15910.00	88.88	5.89	0.00	14.02	187.58	50.00
53729.000	4570.00	74.93	0.00	0.07	0.00	94.90	18.00
53729.000	8105.00	80.56	5.64	0.05	5.64	160.89	18.00
53729.000	10075.00	83.03	2.46	0.04	8.10	167.66	18.00
53729.000	15910.00	88.91	5.88	0.03	13.98	187.69	18.00
53779.000	4565.00	75.17	0.00	0.25	0.00	134.15	50.00
53779.000	8100.00	80.68	5.50	0.11	5.50	198.52	50.00
53779.000	10065.00	83.10	2.43	0.08	7.93	200.00	50.00
53779.000	15895.00	88.93	5.83	0.02	13.76	200.00	50.00
54389.000	4565.00	75.53	0.00	0.36	0.00	246.19	610.00
54389.000	8100.00	81.09	5.56	0.41	5.56	280.55	610.00
54389.000	10065.00	83.53	2.45	0.43	8.00	294.38	610.00
54389.000	15895.00	89.43	5.90	0.50	13.90	535.13	610.00

SECNO	Q	WSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
54461.000	4565.00	75.50	0.00	-0.03	0.00	150.31	72.00
54461.000	8100.00	81.04	5.53	-0.05	5.53	189.51	72.00
54461.000	10065.00	83.47	2.43	-0.07	7.97	211.46	72.00
54461.000	15895.00	89.34	5.87	-0.10	13.84	548.83	72.00
54462.000	4565.00	75.48	0.00	-0.02	0.00	150.07	1.00
54462.000	8100.00	79.71	4.23	-1.32	4.23	177.96	1.00
54462.000	10065.00	82.24	2.53	-1.23	6.75	203.54	1.00
54462.000	15895.00	89.04	6.80	-0.30	13.56	537.39	1.00
54466.000	4565.00	76.47	0.00	0.99	0.00	163.54	4.00
54466.000	8100.00	79.79	3.31	0.07	3.31	178.32	4.00
54466.000	10065.00	82.31	2.52	0.07	5.83	203.97	4.00
54466.000	15895.00	89.05	6.75	0.01	12.58	537.54	4.00
54467.000	4565.00	78.63	0.00	2.16	0.00	175.13	1.00
54467.000	8100.00	82.42	3.79	2.64	3.79	204.75	1.00
54467.000	10065.00	84.75	2.33	2.44	6.12	348.06	1.00
54467.000	15895.00	89.66	4.91	0.61	11.03	561.35	1.00
54477.000	4565.00	78.63	0.00	0.01	0.00	175.13	10.00
54477.000	8100.00	82.44	3.81	0.02	3.81	204.83	10.00
54477.000	10065.00	84.79	2.35	0.05	6.16	352.83	10.00
54477.000	15895.00	89.75	4.96	0.10	11.12	565.14	10.00
54517.000	4565.00	78.64	0.00	0.01	0.00	175.14	40.00
54517.000	8100.00	82.45	3.81	0.01	3.81	204.87	40.00
54517.000	10065.00	84.81	2.35	0.01	6.17	354.29	40.00
54517.000	15895.00	89.77	4.96	0.01	11.13	565.43	40.00
56605.000	4565.00	75.24	0.00	0.60	0.00	108.61	2147.00
56605.000	8100.00	83.34	4.10	0.89	4.10	130.00	2147.00
56605.000	10065.00	85.70	2.36	0.89	6.46	195.80	2147.00
56605.000	15895.00	90.64	4.94	0.87	11.40	301.96	2147.00

SUMMARY OF ERRORS

CAUTION SECNO=54462.000 PROFILE= 1 CRITICAL DEPTH ASSUMED

CAUTION SECNO=54462.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY

CAUTION SECNO=54462.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL

RELEASE DATED NOV 76 UPDATED AUG 77

FORM 501, 02

MODIFICATION - 50, 51, 52, 53

CUMBERLAND CO NC FIS ROCKFISH CR

CUMBERLAND CO NC FIS

100 YR NATURAL

ROCKFISH CREEK--BELOW US 301

J1	ICHECK	INO	NRV	IDR	SIRI	METRIC	HVINS	G	WSEL	FQ
	0.	4.	0.	0.	0.000000	0.00	0.0	0.	53.000	0.000

J2	NPROF	IPLT	PRFVS	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	15.000

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
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	53.000	21.000	22.000	54.000	4.000	0.000	200.000	0.000	0.000	0.000
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NC	0.110	0.110	0.040	0.100	0.300	0.000	0.000	0.000	0.000	0.000
QT	6.000	26040.000	30550.000	33050.000	40330.000	33050.000	33050.000	0.000	0.000	0.000

\*\*\* SECTION CFR-1 ON CAPE FEAR RIVER W/O CREEK CHANNEL

X1	0.100	25.000	5599.000	5922.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	75.600	3903.000	72.900	4219.000	74.700	4582.000	64.200	4804.000	65.900	4985.000
GR	59.200	5052.000	58.500	5099.000	62.000	5163.000	53.200	5284.000	53.900	5311.000
GR	62.400	5419.000	63.400	5476.000	53.800	5554.000	51.900	5571.000	47.700	5599.000
GR	32.900	5663.000	15.000	5692.000	15.400	5742.000	14.500	5792.000	19.700	5842.000
GR	36.300	5881.000	38.300	5906.000	47.400	5922.000	70.100	5940.000	76.900	6020.000
NC	0.100	0.100	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	6.000	6040.000	10550.000	13050.000	20330.000	13050.000	13050.000	0.000	0.000	0.000

\*\*\* CREEK CHANNEL FROM SECTION CFR-1 SURVEYED AT 580

X1	1.000	12.000	6109.000	6228.000	1.000	1.000	1.000	0.000	0.000	0.000
GR	76.900	6020.000	63.000	6050.000	34.800	6109.000	31.200	6115.000	27.800	6167.000
GR	29.400	6226.000	34.800	6228.000	45.700	6241.000	64.600	6269.000	69.600	6303.000
GR	78.200	6348.000	88.900	6448.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.100	0.100	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	6.000	6040.000	10550.000	13050.000	20330.000	13050.000	13050.000	0.000	0.000	0.000

X1	580.000	0.000	0.000	0.000	580.000	580.000	580.000	0.000	0.000	0.000
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\*\*\* SECTION LRC-1

X1	2530.000	8.000	1067.000	1160.000	1950.000	1950.000	1950.000	0.000	0.000	0.000
GR	71.600	1000.000	35.000	1067.000	29.800	1069.000	27.200	1115.000	31.200	1158.000

\*\*\* SECTION LRC-2

X1	3600.000	9.000	1077.000	1171.000	1070.000	1070.000	1070.000	0.000	0.000	0.000
GR	27.000	1000.000	35.000	1066.000	35.400	1077.000	29.200	1079.000	28.200	1124.000
BT	29.500	1169.000	34.800	1171.000	36.500	1182.000	82.600	1264.000	0.000	0.000

\*\*\* SECTION LRC-3

X1	5990.000	8.000	1049.000	1114.000	1890.000	1890.000	1890.000	0.000	0.000	0.000
GR	75.200	1000.000	36.200	1049.000	29.000	1051.000	28.600	1081.000	32.100	1112.000
BT	39.200	1114.000	33.100	1148.000	68.200	1215.000	0.000	0.000	0.000	0.000

\*\*\* SECTION LRC-4

X1	6920.000	9.000	1063.000	1132.000	3430.000	3430.000	3430.000	0.000	0.000	0.000
GR	77.500	1000.000	40.700	1048.000	37.600	1063.000	32.600	1065.000	29.700	1098.000
BT	33.000	1130.000	36.800	1132.000	39.300	1153.000	74.300	1212.000	0.000	0.000
BT	6.000	6020.000	10510.000	12940.000	20260.000	12990.000	12990.000	0.000	0.000	0.000

\*\*\* SECTION LRC-5

X1	10630.000	9.000	1077.000	1147.000	1910.000	1910.000	1910.000	0.000	0.000	0.000
GR	68.600	1000.000	41.700	1054.000	37.200	1077.000	31.800	1079.000	30.200	1112.000
GR	29.200	1145.000	39.200	1147.000	38.400	1156.000	75.900	1215.000	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

X1	10676.000	27.000	1109.000	1228.000	46.000	46.000	46.000	0.000	0.000	0.000
GR	86.900	1000.000	61.900	1000.000	81.900	1005.000	79.200	1016.000	72.400	1049.000
GR	54.200	1069.000	57.200	1072.000	37.100	1109.000	30.100	1137.000	29.800	1140.000
GR	30.200	1152.000	29.700	1165.000	30.100	1192.000	30.200	1205.000	29.800	1208.000
GR	37.600	1228.000	45.200	1274.000	45.800	1277.000	55.300	1292.000	65.700	1309.000
GR	69.700	1322.000	70.500	1325.000	77.400	1339.000	80.000	1352.000	83.100	1362.000
GR	83.100	1365.000	86.900	1365.000	0.000	0.000	0.000	0.000	0.000	0.000

\*\*\* NC 87 SECTION LRC-5A

X1	10880.000	0.000	0.000	0.000	4.000	4.000	4.000	0.000	0.000	0.000
BT	22.000	1000.000	86.900	83.900	1069.000	86.900	83.900	1069.000	86.900	59.200
BT	1072.000	86.900	57.200	1072.000	86.900	83.900	1137.000	86.900	83.900	1137.000
BT	86.900	30.100	1140.000	86.900	29.800	1140.000	86.900	83.900	1205.000	86.900
BT	83.900	1205.000	86.900	30.200	1208.000	86.900	29.800	1208.000	86.900	83.900
BT	1274.000	86.900	83.900	1274.000	86.900	45.200	1277.000	86.900	45.800	1277.000
BT	86.900	83.900	1322.000	86.900	83.900	1322.000	86.900	69.700	1325.000	86.900
BT	70.500	1325.000	86.900	83.900	1365.000	86.900	83.900	0.000	0.000	0.000

X1	10900.000	0.000	0.000	0.000	20.000	20.000	20.000	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	10904.000	0.000	0.000	0.000	4.000	4.000	4.000	0.000	0.000	0.000
NC	0.100	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

\*\*\* SECTION LRC-6 SURVEYED AT 11000

X1	10955.000	8.000	1049.000	1117.000	51.000	51.000	51.000	0.000	0.000	0.000
GR	75.100	1000.000	38.600	1049.000	30.400	1051.000	30.300	1083.000	32.600	1115.000

11 11000.000 0.000 0.000 0.000 45.000 45.000 45.000 0.000 0.000 0.000

\*\*\* SECTION LRC-7

X1 1050.000 8.000 1085.000 1151.000 1520.000 1520.000 1520.000 0.000 0.000 0.000  
GR 72.300 1000.000 39.100 1066.000 38.500 1085.000 34.200 1087.000 31.800 1119.000  
GR 31.900 1149.000 38.900 1151.000 78.700 1204.000 0.000 0.000 0.000 0.000

\*\*\* SECTION LRC-8

X1 14090.000 8.000 1109.000 1159.000 1570.000 1570.000 1570.000 0.000 0.000 0.000  
GR 75.700 1000.000 41.100 1072.000 40.600 1109.000 33.100 1111.000 31.900 1134.000  
GR 34.100 1157.000 38.100 1159.000 62.700 1220.000 0.000 0.000 0.000 0.000

\*\*\* SECTION LRC-9

X1 16425.000 9.000 1091.000 1147.000 2335.000 2335.000 2335.000 0.000 0.000 0.000  
GR 73.500 1000.000 46.200 1066.000 39.600 1091.000 32.800 1093.000 32.200 1119.000  
GR 32.400 1145.000 40.800 1147.000 43.000 1164.000 75.700 1218.000 0.000 0.000

\*\*\* SECTION LRC-10

X1 20760.000 9.000 1103.000 1166.000 4335.000 4335.000 4335.000 0.000 0.000 0.000  
GR 82.600 1000.000 46.700 1088.000 42.600 1103.000 36.100 1105.000 35.500 1134.000  
GR 36.800 1164.000 42.400 1166.000 44.200 1188.000 73.500 1255.000 0.000 0.000

\*\*\* SECTION LRC-11

X1 22555.000 8.000 1093.000 1148.000 1795.000 1795.000 1795.000 0.000 0.000 0.000  
GR 67.600 1000.000 44.500 1073.000 44.100 1093.000 37.500 1095.000 35.700 1120.000  
GR 37.100 1146.000 42.500 1148.000 66.100 1185.000 0.000 0.000 0.000 0.000

\*\*\* SECTION LRC-12

X1 23870.000 8.000 1106.000 1158.000 1315.000 1315.000 1315.000 0.000 0.000 0.000  
GR 66.000 1000.000 46.900 1085.000 44.000 1106.000 38.700 1108.000 36.400 1132.000  
GR 36.900 1156.000 43.100 1158.000 76.900 1230.000 0.000 0.000 0.000 0.000

\*\*\* SECTION LRC-13

X1 26100.000 8.000 1061.000 1116.000 2230.000 2230.000 2230.000 0.000 0.000 0.000  
GR 71.100 1000.000 47.700 1061.000 36.700 1063.000 37.000 1089.000 38.600 1107.000  
GR 45.200 1116.000 67.400 1166.000 72.400 1191.000 0.000 0.000 0.000 0.000

\*\*\* SECTION LRC-14

X1 29750.000 9.000 1050.000 1116.000 3650.000 3650.000 3650.000 0.000 0.000 0.000  
GR 69.800 1000.000 62.300 1032.000 47.000 1050.000 40.500 1057.000 38.900 1084.000  
GR 40.600 1111.000 47.600 1116.000 49.100 1132.000 76.800 1180.000 0.000 0.000

\*\*\* SECTION LRC-15

X1 32310.000 8.000 1098.000 1153.000 2560.000 2560.000 2560.000 0.000 0.000 0.000  
GR 69.800 1000.000 61.700 1051.000 48.500 1098.000 40.800 1104.000 39.700 1123.000  
GR 40.000 1153.000 48.000 1153.000 52.000 1181.000 0.000 0.000 0.000 0.000

\*\*\* SECTION CRF-1

X1	18.000	1700.000	1800.000	1190.000	1190.000	1190.000	0.000	0.000	0.000
GR	84.400	1900.000	87.300	2000.000	89.700	2100.000	0.000	0.000	0.000

\*\*\* TOPO SECTION

X1	10.000	1700.000	1815.000	2065.000	2065.000	2065.000	0.000	0.000	0.000
GR	90.000	1665.000	70.000	1695.000	60.000	1700.000	43.000	1725.000	41.200
GR	43.500	1785.000	50.000	1815.000	60.000	1845.000	70.000	1865.000	80.000
BT	6.000	5900.000	10300.000	12770.000	19900.000	12770.000	12770.000	0.000	0.000

\*\*\* NORMAL GROUND SECTION FROM NC DOT PLANS CF I-95

X1	23.000	1635.000	1700.000	1875.000	1875.000	1875.000	0.000	0.000	0.000
GR	89.500	900.000	87.200	1000.000	86.700	1100.000	86.500	1200.000	78.700
GR	79.500	1400.000	79.700	1500.000	75.900	1560.000	67.500	1600.000	55.500
GR	54.500	1635.000	51.200	1645.000	47.000	1650.000	41.400	1670.000	45.500
GR	52.000	1695.000	56.000	1700.000	61.000	1710.000	67.000	1735.000	91.000
GR	92.000	1800.000	90.600	1900.000	90.100	2000.000	0.000	0.000	0.000

X1	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000

X1	25.000	1535.000	1785.000	5.000	5.000	5.000	0.000	0.000	0.000
BT	10.000	1535.000	102.300	97.100	1616.000	101.400	96.300	1616.000	101.400
BT	1620.000	101.400	57.500	1620.000	101.400	96.300	1700.000	100.500	95.400
BT	100.500	56.000	1704.000	100.500	59.500	1704.000	100.500	95.400	1785.000
BT	94.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	102.300	1535.000	89.900	1536.000	87.700	1545.000	72.600	1575.000	72.300
GR	70.400	1595.000	62.400	1605.000	59.000	1616.000	57.500	1620.000	54.200
GR	51.800	1635.000	46.400	1645.000	46.000	1655.000	44.100	1665.000	46.200
GR	49.300	1685.000	56.000	1700.000	59.500	1704.000	64.600	1715.000	86.900
GR	90.000	1755.000	91.100	1765.000	92.200	1775.000	92.300	1785.000	99.800

\*\*\* I-95 N-BOUND LANE SECTION CRF-4

X1	0.000	0.000	0.000	30.000	30.000	30.000	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

X1	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
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X1	0.000	0.000	0.000	80.000	80.000	80.000	0.000	0.000	0.000
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X1	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
BT	10.000	1535.000	102.300	97.100	1616.000	101.400	96.300	1616.000	101.400
BT	1620.000	101.400	57.500	1620.000	101.400	96.300	1700.000	100.500	95.400
BT	100.500	56.000	1704.000	100.500	59.500	1704.000	100.500	95.400	1785.000
BT	94.600	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

\*\*\* I-95 S-BOUND LANE SECTION CRF-4

37445.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

\*\*\* SAME AS 37440

37700.000	23.000	1635.000	1700.000	50.000	50.000	50.000	0.000	0.000	0.000
0.000	0.000	87.200	1000.000	86.700	1100.000	86.500	1200.000	78.700	1300.000
0.000	0.000	79.700	1500.000	75.900	1560.000	67.500	1600.000	55.500	1627.000
0.000	0.000	51.200	1645.000	47.000	1650.000	41.400	1670.000	45.500	1690.000
0.000	0.000	56.000	1700.000	61.000	1710.000	87.000	1735.000	91.000	1765.000
0.000	0.000	90.600	1900.000	90.100	2000.000	0.000	0.000	0.000	0.000

\*\*\* SECTION CRF-5

38855.000	12.000	1090.000	1150.000	1155.000	1155.000	1155.000	0.000	0.000	0.000
0.000	0.000	71.100	1050.000	69.600	1058.000	53.800	1090.000	45.800	1100.000
0.000	0.000	53.800	1140.000	60.800	1150.000	81.400	1200.000	85.700	1222.000
0.000	0.000	92.900	1300.000	0.000	0.000	0.000	0.000	0.000	0.000

\*\*\* SECTION CRF-6

2000.000	10.000	1072.000	1128.000	3145.000	3145.000	3145.000	0.000	0.000	0.000
0.000	0.000	72.900	1045.000	59.500	1065.000	58.800	1072.000	55.900	1073.000
0.000	0.000	54.700	1123.000	58.800	1128.000	67.100	1150.000	85.800	1178.000
0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1126.000	1246.000

\*\*\* SECTION CRF-7

5750.000	14.000	1160.000	1236.000	3750.000	3750.000	3750.000	0.000	0.000	0.000
0.000	0.000	81.500	1075.000	73.300	1100.000	67.600	1125.000	59.200	1150.000
0.000	0.000	51.600	1162.000	50.100	1184.000	50.400	1206.000	65.200	1220.000
0.000	0.000	76.500	1250.000	78.300	1300.000	83.500	1400.000	0.000	0.000
0.000	0.000	0.045	0.200	0.400	0.000	0.000	0.000	0.000	0.000
0.000	0.000	10195.000	12610.000	19700.000	12610.000	12610.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	9.100	7.410	0.000	1125.000	1245.000

\*\*\* SECTION CRF-8

\*\*\* EQUAL TO STATION 48540 IN HOPE MILLS STUDY

47370.000	12.000	1130.000	1227.000	1620.000	1620.000	1620.000	0.000	0.000	0.000
0.000	0.000	84.300	1050.000	79.000	1100.000	67.400	1115.000	63.500	1130.000
0.000	0.000	51.500	1167.000	51.500	1192.000	62.500	1200.000	71.200	1227.000
0.000	0.000	80.600	1300.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1125.000	1245.000

47371.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1125.000	1245.000

47372.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1125.000	1245.000

	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1125.000	1245.000
X1	47380.000	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
	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1070.000	1190.000
	48720.000	11.000	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	58.300	1166.000	74.500	1200.000	77.700	1215.000	79.200	1250.000
	0.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1400.000	1600.000

\*\*\* SECTION CRF-9 \*\*\* US-301

\*\*\* STREAM GAGE LOCATED 50 FT UPSTREAM OF BRIDGE

X1	48770.000	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
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1400.000	1600.000
SB	1.250	1.560	2.500	0.000	27.000	6.750	3920.000	2.400	51.900	51.900
	48845.000	0.000	0.000	0.000	75.000	75.000	75.000	0.000	0.000	0.000
	0.000	0.000	1.000	88.000	91.600	0.000	0.000	0.000	0.000	0.000
	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	0.090	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	1070.000	1190.000

\*\*\* SECTION CRF-10

\*\*\* CONFLUENCE WITH LITTLE ROCKFISH AT STA 49130

X1	48880.000	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
BT	6.000	4570.000	8105.000	10075.000	15910.000	10075.000	10075.000	0.000	0.000	0.000
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	1112.000	1232.000

XXX SURVEY SEC CRF-11 XXX

X1	49190.000	11.000	1120.000	1224.000	600.000	200.000	310.000	0.000	0.000	0.000
GR	97.100	1000.000	92.000	1050.000	89.200	1065.000	75.700	1100.000	72.800	1120.000
GR	55.000	1140.000	52.600	1165.000	56.300	1190.000	61.900	1200.000	75.300	1224.000
GR	80.000	1300.000	0.000	0.000	0.000	0.000	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	1000.000	1150.000

XXX SURVEY SEC CRF-12 XXX



GR	59.000	855.000	82.000	880.000	80.000	920.000	80.000	920.000	80.000	920.000
GR	77.400	1000.000	72.800	1045.000	70.800	1050.000	66.800	1067.000	61.000	1076.000
GR	58.400	1101.000	59.500	1126.000	64.800	1137.000	65.500	1142.000	74.200	1150.000
GR	91.000	1172.000	92.800	1180.000	84.200	1200.000	84.400	1250.000	93.500	1300.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1252.000	1452.000

XXX SURVEY SEC CRF-13 XXX

X1	53570.000	15.000	1385.000	1447.000	1510.000	1510.000	1510.000	0.000	0.000	0.000
GR	93.500	1000.000	92.800	1023.000	79.200	1072.000	75.800	1100.000	75.200	1200.000
GR	75.600	1264.000	77.100	1300.000	74.300	1363.000	62.900	1365.000	59.200	1386.000
GR	57.800	1414.000	58.900	1442.000	67.500	1447.000	71.000	1473.000	84.800	1488.000
NC	0.090	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	9.100	9.100	9.100	0.000	0.000	0.000	1242.000	1488.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1270.000	1470.000
X1	53661.000	0.000	0.000	0.000	91.000	91.000	91.000	0.000	1.000	0.000
NC	0.080	0.000	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	0.000	0.000	1300.000	1500.000

XXX SURVEY SEC CRF-14 SR 1127 XXX

X1	53711.000	20.000	1300.000	1500.000	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	93.500	93.500	0.000
GR	95.400	1000.000	94.400	1008.000	80.800	1057.000	77.400	1085.000	76.800	1185.000
GR	77.200	1249.000	78.700	1285.000	78.000	1300.000	75.900	1348.000	72.400	1357.000
GR	60.900	1370.000	67.400	1375.000	59.900	1400.000	61.000	1420.000	67.500	1425.000
GR	89.700	1475.000	90.000	1492.000	90.600	1500.000	95.300	1546.000	95.700	1600.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1300.000	1500.000
SB	1.250	1.280	2.500	0.000	8.000	4.000	3360.000	2.910	59.400	59.400

X1	53729.000	0.000	0.000	0.000	18.000	18.000	18.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	92.500	94.900	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	95.000	95.100	0.000
BT	10.000	1000.000	95.400	0.000	1100.000	94.900	0.000	1200.000	94.900	0.000
BT	1300.000	95.000	0.000	1300.000	95.000	92.400	1400.000	95.000	92.400	1500.000
BT	95.100	92.500	1500.000	95.100	0.000	1546.000	95.300	0.000	1600.000	95.700
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	0.000	4565.000	2100.000	10065.000	15895.000	10065.000	10065.000	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	9.100	9.100	9.100	9.100	0.000	0.000	1285.000	1485.000

X1	53779.000	15.000	1385.000	1447.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	93.500	1000.000	92.800	1023.000	79.200	1072.000	75.800	1100.000	75.200	1200.000
GR	75.600	1264.000	77.100	1300.000	74.300	1363.000	62.900	1365.000	59.200	1386.000
GR	57.800	1414.000	58.900	1442.000	67.500	1447.000	71.000	1473.000	84.800	1488.000
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	1210.000	1410.000

XXX SURVEY SEC CRF-15 XXX

X1	54389.000	26.000	1272.000	1406.000	610.000	610.000	610.000	0.000	0.000	0.000
GR	84.300	1045.000	84.200	1095.000	84.200	1145.000	84.800	1185.000	76.400	1200.000
GR	75.200	1206.000	68.800	1207.000	68.500	1272.000	61.200	1272.000	56.200	1339.000
GR	61.600	1406.000	72.100	1406.000	71.100	1407.000	75.400	1450.000	86.200	1492.000
GR	87.300	1503.000	84.000	1509.000	89.900	1513.000	88.500	1565.000	89.500	1600.000
GR	92.000	1700.000	95.000	1800.000	96.400	1830.000	98.200	1840.000	98.600	1846.000

NH	1397.000	0.070	1434.000	0.090	1854.000	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	1194.000	1397.000

XXX SURVEY SEC CNF=16 DAM XXX

XXX DAM IS BREACHED XXX

X1	54461.000	31.000	1278.000	1397.000	72.000	72.000	72.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	68.800	80.700	0.000
GR	85.300	1045.000	84.200	1095.000	84.200	1145.000	84.800	1185.000	76.400	1200.000
GR	75.200	1206.000	68.800	1207.000	70.800	1230.000	75.300	1234.000	77.200	1251.000
GR	79.700	1253.000	85.100	1270.000	86.800	1278.000	61.800	1278.000	61.800	1300.000
GR	61.600	1397.000	86.500	1397.000	84.700	1397.000	84.700	1400.000	84.600	1414.000
GR	80.700	1414.000	81.500	1426.000	86.800	1434.000	86.900	1500.000	89.500	1600.000
GR	92.000	1700.000	95.000	1800.000	96.400	1830.000	98.200	1840.000	98.600	1846.000
GR	98.700	1854.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NH	7.000	0.090	1185.000	0.080	1207.000	0.050	1234.000	0.070	1278.000	0.015
NH	1397.000	0.070	1434.000	0.090	1854.000	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	1194.000	1397.000

X1	54462.000	39.000	1278.000	1397.000	1.000	1.000	1.000	0.000	0.000	0.000
BT	21.000	1278.000	86.800	0.000	1278.000	86.800	70.000	1300.000	86.900	70.000
BT	1314.000	86.800	70.000	1314.000	86.800	78.000	1322.000	86.800	78.000	1322.000
BT	86.800	70.000	1327.000	86.800	70.000	1327.000	86.800	78.000	1335.000	86.800
BT	78.000	1335.000	86.800	70.000	1340.000	86.700	70.000	1340.000	86.700	78.000
BT	1348.000	86.700	78.000	1348.000	86.700	70.000	1353.000	86.700	70.000	1353.000
BT	86.700	78.000	1361.000	86.600	78.000	1361.000	86.600	70.000	1397.000	86.500
BT	70.000	1397.000	86.500	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	85.300	1045.000	84.200	1095.000	84.200	1145.000	84.800	1185.000	76.400	1200.000
GR	75.200	1206.000	68.800	1207.000	70.800	1230.000	75.300	1234.000	77.200	1251.000
GR	79.700	1253.000	85.100	1270.000	86.800	1278.000	70.000	1278.000	70.000	1300.000
GR	70.000	1314.000	70.000	1322.000	70.000	1327.000	70.000	1335.000	70.000	1340.000
GR	70.000	1348.000	70.000	1353.000	70.000	1361.000	70.000	1397.000	86.500	1397.000
GR	84.700	1397.000	84.700	1400.000	84.600	1414.000	80.700	1414.000	81.500	1426.000
GR	86.800	1434.000	86.900	1500.000	89.500	1600.000	92.000	1700.000	95.000	1600.000
GR	96.400	1830.000	98.200	1840.000	98.600	1846.000	98.700	1854.000	0.000	0.000
NH	7.000	0.090	1185.000	0.080	1207.000	0.050	1234.000	0.070	1278.000	0.015
NH	1397.000	0.070	1434.000	0.090	1854.000	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	1194.000	1397.000

X1	54466.000	0.000	0.000	0.000	4.000	4.000	4.000	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
NH	7.000	0.090	1185.000	0.080	1207.000	0.050	1234.000	0.070	1278.000	0.015
NH	1397.000	0.070	1434.000	0.090	1854.000	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	1194.000	1397.000

X1	54467.000	31.000	1278.000	1397.000	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	68.800	80.700	0.000
GR	85.300	1045.000	84.200	1095.000	84.200	1145.000	84.800	1185.000	76.400	1200.000
GR	75.200	1206.000	68.800	1207.000	70.800	1230.000	75.300	1234.000	77.200	1251.000
GR	79.700	1253.000	85.100	1270.000	86.800	1278.000	61.800	1278.000	61.800	1300.000
GR	61.600	1397.000	86.500	1397.000	84.700	1397.000	84.700	1400.000	84.600	1414.000
GR	80.700	1414.000	81.500	1426.000	86.800	1434.000	86.900	1500.000	89.500	1600.000
GR	92.000	1700.000	95.000	1800.000	96.400	1830.000	98.200	1840.000	98.600	1846.000
GR	98.700	1854.000	0.000	0.000	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	1194.000	1397.000

X1	54477.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
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XXX TOPO SEC CRF-16 VALLEY SEC. XXX

11	54517.000	0.000	0.000	0.000	40.000	40.000	40.000	0.000	0.000	0.000
12		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13		0.000	0.000	0.000	0.000	9.100	0.000	0.000	1060.000	1248.000

XXX SURVEY SEC CRF-17 XXX

XXX HOPE HILLS LOWER STUDY LIMIT AT STA 588+30 XXX

11	217.000	1138.000	1226.000	2147.000	2147.000	2147.000	0.000	0.000	0.000	
12	87.500	1000.000	84.100	1100.000	83.000	1120.000	79.500	1126.000	79.000	1131.000
13	75.900	1138.000	74.100	1139.000	69.900	1183.000	70.300	1200.000	74.200	1225.000
14	75.200	1226.000	75.400	1231.000	84.700	1246.000	89.700	1260.000	92.000	1300.000
15	79.400	1440.000	93.200	1500.000	0.000	0.000	0.000	0.000	0.000	0.000
16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

6/1/65  
 11/1/65

DATE DATED NOV 76 UPDATED AUG 77

LOCATION 30, 31, 32, 33

CUMBERLAND CO NC FIS  
ROCKY FISH CREEK--BELOW US 301

JI	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	G	WSEL	FQ
	0.	6.	0.	0.	0.000000	0.00	0.0	0.	53.000	0.000
J2	APROP	IPLOT	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

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DATE GATED NOV 76 UPDATED AUG 77

01 02

MODIFICATION - 50, 51, 52, 53

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

ROCKFISH CREEK--BELOW US

SUMMARY PRINTOUT

SECD	CHSEL	EG	ELMIN	ELLC	10K*8	G
0.100	53.00	53.22	14.50	0.00	1.32	33050.00
0.100	53.00	53.22	14.50	0.00	1.32	33050.00
1.000	52.95	53.24	27.80	0.00	2.23	13050.00
1.000	52.95	53.24	27.80	0.00	2.23	13050.00
500.000	53.08	53.37	27.80	0.00	2.19	13050.00
500.000	53.08	53.37	27.80	0.00	2.19	13050.00
2550.000	53.51	53.91	27.80	0.00	3.08	13050.00
2550.000	53.51	53.91	27.80	0.00	3.08	13050.00
3600.000	53.87	54.22	28.20	0.00	2.77	13050.00
3600.000	53.87	54.22	28.20	0.00	2.77	13050.00
5490.000	54.44	55.01	28.60	0.00	5.52	13050.00
5490.000	54.44	55.01	28.60	0.00	5.52	13050.00
8920.000	56.20	56.78	29.70	0.00	4.82	13050.00
8920.000	56.20	56.78	29.70	0.00	4.82	13050.00
10830.000	57.14	57.64	29.20	0.00	4.12	12990.00
10830.000	57.14	57.64	29.20	0.00	4.12	12990.00
10876.000	57.48	57.68	29.70	0.00	1.37	12990.00
10876.000	57.48	57.68	29.70	0.00	1.37	12990.00
10880.000	57.43	57.70	29.70	83.90	2.43	12990.00
10880.000	57.43	57.70	29.70	83.90	2.43	12990.00
10900.000	57.43	57.70	29.70	83.90	2.43	12990.00
10900.000	57.43	57.70	29.70	83.90	2.43	12990.00
10904.000	57.51	57.71	29.70	0.00	1.36	12990.00
10904.000	57.51	57.71	29.70	0.00	1.36	12990.00
10955.000	57.37	57.79	30.30	0.00	3.63	12990.00
10955.000	57.37	57.79	30.30	0.00	3.63	12990.00

SECNO	CWSEL	EG	ELMIN	ELLC	10K+S	G
12920.000	57.36	57.81	30.30	0.00	3.62	12990.00
12920.000	57.36	57.81	30.30	0.00	3.62	12990.00
12920.000	57.90	58.52	31.80	0.00	5.25	12990.00
12520.000	57.90	58.52	31.80	0.00	5.25	12990.00
14890.000	58.76	59.54	31.90	0.00	7.33	12990.00
14890.000	58.76	59.54	31.90	0.00	7.33	12990.00
16425.000	60.38	60.99	32.20	0.00	5.25	12990.00
16425.000	60.38	60.99	32.20	0.00	5.25	12990.00
20700.000	62.57	63.10	35.50	0.00	4.47	12990.00
20700.000	62.57	63.10	35.50	0.00	4.47	12990.00
22555.000	63.38	64.06	35.70	0.00	5.84	12990.00
22555.000	63.38	64.06	35.70	0.00	5.84	12990.00
23870.000	64.16	64.83	36.40	0.00	5.94	12990.00
23870.000	64.16	64.83	36.40	0.00	5.94	12990.00
26100.000	65.46	66.29	36.70	0.00	6.72	12990.00
26100.000	65.46	66.29	36.70	0.00	6.72	12990.00
29750.000	67.64	68.22	38.90	0.00	4.19	12990.00
29750.000	67.64	68.22	38.90	0.00	4.19	12990.00
32310.000	68.77	69.54	39.70	0.00	5.91	12990.00
32310.000	68.77	69.54	39.70	0.00	5.91	12990.00
33500.000	69.66	70.05	41.20	0.00	2.85	12990.00
33500.000	69.66	70.05	41.20	0.00	2.85	12990.00
35565.000	70.28	70.55	41.20	0.00	2.00	12990.00
35565.000	70.28	70.55	41.20	0.00	2.00	12990.00
37440.000	70.52	71.36	41.40	0.00	7.21	12770.00
37440.000	70.52	71.36	41.40	0.00	7.21	12770.00
37490.000	70.56	71.40	41.40	0.00	7.17	12770.00
37490.000	70.56	71.40	41.40	0.00	7.17	12770.00
37495.000	70.75	71.42	44.10	97.10	5.34	12770.00
37495.000	70.75	71.42	44.10	97.10	5.34	12770.00
37525.000	70.77	71.43	44.10	97.10	5.32	12770.00
37525.000	70.77	71.43	44.10	97.10	5.32	12770.00
37530.000	70.88	71.44	44.10	0.00	4.14	12770.00
37530.000	70.88	71.44	44.10	0.00	4.14	12770.00
37610.000	70.91	71.48	44.10	0.00	4.11	12770.00
37610.000	70.91	71.48	44.10	0.00	4.11	12770.00
37615.000	70.85	71.51	44.10	97.10	5.27	12770.00
37615.000	70.85	71.51	44.10	97.10	5.27	12770.00

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SECNO	CWSEL	EG	ELMIN	ELLC	10K*S	G
37650.000	70.87	71.52	44.10	97.10	5.26	12770.00
37650.000	70.87	71.52	44.10	97.10	5.26	12770.00
37650.000	70.97	71.54	44.10	0.00	4.08	12770.00
37650.000	70.97	71.54	44.10	0.00	4.08	12770.00
37700.000	70.82	71.64	41.40	0.00	6.88	12770.00
37700.000	70.82	71.64	41.40	0.00	6.88	12770.00
38855.000	71.56	72.72	43.50	0.00	10.67	12770.00
38855.000	71.56	72.72	43.50	0.00	10.67	12770.00
42000.000	74.88	76.00	47.50	0.00	10.18	12770.00
42000.000	74.88	76.00	47.50	0.00	10.18	12770.00
45750.000	78.38	78.96	50.10	0.00	6.11	12770.00
45750.000	78.42	79.08	50.10	0.00	6.59	12770.00
47370.000	79.45	79.89	51.50	0.00	5.08	12610.00
47370.000	79.59	80.08	51.50	0.00	5.41	12610.00
47371.000	79.45	79.89	51.50	0.00	5.08	12610.00
47371.000	79.59	80.08	51.50	0.00	5.41	12610.00
47372.000	79.45	79.89	51.50	0.00	5.08	12610.00
47372.000	79.59	80.08	51.50	0.00	5.41	12610.00
47375.000	79.45	79.89	51.50	0.00	5.07	12610.00
47375.000	79.59	80.08	51.50	0.00	5.41	12610.00
47380.000	79.45	79.90	51.50	0.00	5.07	12610.00
47380.000	79.59	80.09	51.50	0.00	5.41	12610.00
48720.000	80.19	80.65	51.90	0.00	6.16	12610.00
48720.000	80.37	80.88	51.90	0.00	6.36	12610.00
48770.000	80.36	80.70	51.90	0.00	4.81	12610.00
48770.000	80.61	80.94	51.90	0.00	4.62	12610.00
48845.000	80.41	80.75	51.90	88.00	4.76	12610.00
48845.000	80.65	80.96	51.90	88.00	4.57	12610.00
48880.000	80.36	80.82	52.00	0.00	7.54	12610.00
48880.000	80.57	81.07	52.00	0.00	7.75	12610.00
49190.000	80.72	81.03	52.60	0.00	4.79	10075.00
49190.000	80.97	81.30	52.60	0.00	4.75	10075.00
52060.000	82.14	82.52	56.40	0.00	5.41	10075.00
52060.000	82.40	82.80	56.40	0.00	5.58	10075.00
53570.000	83.01	83.22	57.80	0.00	3.75	10075.00
53570.000	83.26	83.65	57.80	0.00	5.66	10075.00
53661.000	82.97	83.32	58.80	0.00	5.74	10075.00
53661.000	83.32	83.71	58.80	0.00	6.03	10075.00

SECNO	CWSEL	EG	ELMIN	ELLC	10K*5	G
53729.000	83.39	83.36	59.40	0.00	7.05	10075.00
53729.000	83.39	83.75	59.40	0.00	6.62	10075.00
53729.000	83.05	83.40	59.40	92.50	7.00	10075.00
53729.000	83.43	83.78	59.40	92.50	6.56	10075.00
54389.000	83.10	83.44	57.80	0.00	5.09	10065.00
54389.000	83.50	83.82	57.80	0.00	4.75	10065.00
54389.000	83.55	83.62	56.20	0.00	1.24	10065.00
54389.000	83.89	84.00	56.20	0.00	1.35	10065.00
54462.000	83.47	83.67	61.60	0.00	0.35	10065.00
54462.000	83.84	84.04	61.60	0.00	0.33	10065.00
54462.000	82.24	84.50	68.80	78.00	81.94	10065.00
54462.000	83.06	84.56	68.80	78.00	27.75	10065.00
54466.000	82.31	84.53	68.80	78.00	80.92	10065.00
54466.000	83.07	84.57	68.80	78.00	27.73	10065.00
54467.000	84.75	84.94	61.60	0.00	0.08	10065.00
54467.000	84.65	84.84	61.60	0.00	0.30	10065.00
54517.000	84.79	84.95	61.60	0.00	2.92	10065.00
54517.000	84.66	84.84	61.60	0.00	3.00	10065.00
54517.000	84.81	84.96	61.60	0.00	2.91	10065.00
54517.000	84.69	84.85	61.60	0.00	2.99	10065.00
54605.000	85.70	86.57	69.90	0.00	20.70	10065.00
54605.000	85.62	86.50	69.90	0.00	21.15	10065.00

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ROCKFISH CREEK--BELOW US

DATA PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
0.100	53.00	5561.16	5599.00	5922.00	5926.44	365.28
0.100	53.00	5561.16	5599.00	5922.00	5926.44	365.28
1.000	52.95	6071.04	6109.00	6228.00	6251.73	180.70
1.000	52.95	6071.04	6109.00	6228.00	6251.73	180.70
580.000	53.08	6070.76	6109.00	6228.00	6251.93	181.17
580.000	53.08	6070.76	6109.00	6228.00	6251.93	181.17
2530.000	53.51	1033.12	1067.00	1160.00	1200.00	166.88
2530.000	53.51	1033.12	1067.00	1160.00	1200.00	166.88
3600.000	53.87	1027.07	1077.00	1171.00	1212.90	185.83
3600.000	53.87	1027.07	1077.00	1171.00	1212.90	185.83
5490.000	54.44	1026.09	1049.00	1114.00	1188.72	162.63
5490.000	54.44	1026.09	1049.00	1114.00	1188.72	162.63
8920.000	56.20	1027.78	1063.00	1132.00	1181.49	153.71
8920.000	56.20	1027.78	1063.00	1132.00	1181.49	153.71
10830.000	57.14	1023.00	1077.00	1147.00	1185.49	162.49
10830.000	57.14	1023.00	1077.00	1147.00	1185.49	162.49
10876.000	57.48	1071.58	1109.00	1228.00	1295.56	223.97
10876.000	57.48	1071.58	1109.00	1228.00	1295.56	223.97
10880.000	57.43	1071.66	1109.00	1228.00	1295.48	223.82
10880.000	57.43	1071.66	1109.00	1228.00	1295.48	223.82
10900.000	57.43	1071.65	1109.00	1228.00	1295.49	223.83
10900.000	57.43	1071.65	1109.00	1228.00	1295.49	223.83
10904.000	57.51	1071.53	1109.00	1228.00	1295.62	224.09
10904.000	57.51	1071.53	1109.00	1228.00	1295.62	224.09
10955.000	57.37	1023.81	1049.00	1117.00	1201.52	177.71
10955.000	57.37	1023.81	1049.00	1117.00	1201.52	177.71
11000.000	57.38	1023.79	1049.00	1117.00	1201.54	177.75
11000.000	57.38	1023.79	1049.00	1117.00	1201.54	177.75
12520.000	57.90	1028.63	1085.00	1151.00	1176.30	147.66
12520.000	57.90	1028.63	1085.00	1151.00	1176.30	147.66
14090.000	58.76	1035.25	1109.00	1159.00	1187.26	152.01
14090.000	58.76	1035.25	1109.00	1159.00	1187.26	152.01
16425.000	60.38	1031.71	1091.00	1147.00	1192.70	160.99
16425.000	60.38	1031.71	1091.00	1147.00	1192.70	160.99
20760.000	62.57	1049.09	1103.00	1166.00	1230.01	180.92
20760.000	62.57	1049.09	1103.00	1166.00	1230.01	180.92

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SECNO	CWSEL	SSTA	STCHL	STCHR	ENDSI	TOPWID
23570.000	63.38	1013.34	1093.00	1148.00	1180.74	167.40
23570.000	63.38	1013.34	1093.00	1148.00	1180.74	167.40
23870.000	64.16	1008.18	1106.00	1158.00	1202.86	194.68
23870.000	64.16	1008.18	1106.00	1158.00	1202.86	194.68
25180.000	65.46	1014.68	1061.00	1116.00	1161.65	146.97
25180.000	65.46	1014.68	1061.00	1116.00	1161.65	146.97
29750.000	67.64	1009.23	1050.00	1116.00	1164.12	154.89
29750.000	67.64	1009.23	1050.00	1116.00	1164.12	154.89
32310.000	68.77	1006.50	1098.00	1153.00	1176.98	170.48
32310.000	68.77	1006.50	1098.00	1153.00	1176.98	170.48
33500.000	69.66	1676.33	1700.00	1800.00	1839.16	162.83
33500.000	69.66	1676.33	1700.00	1800.00	1839.16	162.83
35565.000	70.28	1694.59	1700.00	1815.00	1867.34	172.75
35565.000	70.28	1694.59	1700.00	1815.00	1867.34	172.75
37440.000	70.52	1585.62	1635.00	1700.00	1719.15	133.54
37440.000	70.52	1585.62	1635.00	1700.00	1719.15	133.54
37490.000	70.56	1585.47	1635.00	1700.00	1719.18	133.71
37490.000	70.56	1585.47	1635.00	1700.00	1719.18	133.71
37495.000	70.75	1593.15	1535.00	1785.00	1723.28	130.13
37495.000	70.75	1593.15	1535.00	1785.00	1723.28	130.13
37525.000	70.77	1593.05	1535.00	1785.00	1723.30	130.25
37525.000	70.77	1593.05	1535.00	1785.00	1723.30	130.25
37530.000	70.88	1592.49	1535.00	1785.00	1723.44	130.95
37530.000	70.88	1592.49	1535.00	1785.00	1723.44	130.95
37610.000	70.91	1592.29	1535.00	1785.00	1723.49	131.20
37610.000	70.91	1592.29	1535.00	1785.00	1723.49	131.20
37615.000	70.85	1592.63	1535.00	1785.00	1723.41	130.78
37615.000	70.85	1592.63	1535.00	1785.00	1723.41	130.78
37645.000	70.87	1592.55	1535.00	1785.00	1723.43	130.87
37645.000	70.87	1592.55	1535.00	1785.00	1723.43	130.87
37650.000	70.97	1591.98	1535.00	1785.00	1723.58	131.60
37650.000	70.97	1591.98	1535.00	1785.00	1723.58	131.60
37700.000	70.82	1584.17	1635.00	1700.00	1719.45	135.27
37700.000	70.82	1584.17	1635.00	1700.00	1719.45	135.27
38855.000	71.56	1047.75	1090.00	1150.00	1176.12	128.37
38855.000	71.56	1047.75	1090.00	1150.00	1176.12	128.37
42000.000	74.88	1031.72	1072.00	1128.00	1161.65	129.93
42000.000	74.88	1031.72	1072.00	1128.00	1161.65	129.93

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SECNO	CWSEL	SS1A	STCHL	STCHR	ENDST	TOPWID
47370.000	79.38	1084.52	1160.00	1236.00	1301.48	216.96
47370.000	79.42	1126.00	1160.00	1236.00	1246.00	120.00
47370.000	79.45	1095.76	1130.00	1227.00	1289.73	193.97
47370.000	79.59	1125.00	1130.00	1227.00	1245.00	120.00
47371.000	79.45	1095.75	1130.00	1227.00	1289.73	193.98
47371.000	79.59	1125.00	1130.00	1227.00	1245.00	120.00
47372.000	79.45	1095.75	1130.00	1227.00	1289.74	193.99
47372.000	79.59	1125.00	1130.00	1227.00	1245.00	120.00
47375.000	79.45	1095.73	1130.00	1227.00	1289.75	194.02
47375.000	79.59	1125.00	1130.00	1227.00	1245.00	120.00
47380.000	79.45	1095.71	1130.00	1227.00	1289.77	194.06
47380.000	79.59	1125.00	1130.00	1227.00	1245.00	120.00
48720.000	80.19	1068.08	1050.00	1166.00	1300.00	231.92
48720.000	80.37	1070.00	1050.00	1166.00	1190.00	120.00
48770.000	80.36	1419.03	1400.00	1600.00	1600.00	180.97
48770.000	80.61	1418.72	1400.00	1600.00	1600.00	181.28
48845.000	80.41	1418.97	1400.00	1600.00	1600.00	181.03
48845.000	80.65	1418.67	1400.00	1600.00	1600.00	181.33
48880.000	80.36	1067.95	1050.00	1166.00	1300.00	232.05
48880.000	80.57	1070.00	1050.00	1166.00	1190.00	120.00
49190.000	80.72	1096.25	1120.00	1224.00	1300.00	203.75
49190.000	80.97	1112.00	1120.00	1224.00	1232.00	120.00
52060.000	82.14	878.21	1067.00	1137.00	1160.40	282.19
52060.000	82.40	1000.00	1067.00	1137.00	1150.00	150.00
53570.000	83.01	1058.26	1385.00	1447.00	1486.06	427.80
53570.000	83.26	1252.00	1385.00	1447.00	1452.00	200.00
53661.000	82.97	1242.00	1385.00	1447.00	1484.93	242.93
53661.000	83.32	1270.00	1385.00	1447.00	1470.00	200.00
53711.000	82.99	1300.00	1300.00	1500.00	1467.57	167.57
53711.000	83.39	1300.00	1300.00	1500.00	1468.67	168.67
53729.000	83.03	1300.00	1300.00	1500.00	1467.66	167.66
53729.000	83.43	1300.00	1300.00	1500.00	1468.77	168.77
53779.000	83.10	1285.00	1385.00	1447.00	1485.00	200.00
53779.000	83.50	1285.00	1385.00	1447.00	1485.00	200.00
54389.000	83.53	1187.26	1272.00	1406.00	1481.64	294.38
54389.000	83.89	1210.00	1272.00	1406.00	1410.00	200.00
54461.000	83.47	1187.38	1278.00	1397.00	1428.97	211.46
54461.000	83.84	1194.00	1278.00	1397.00	1397.00	191.04

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
54466.000	82.85	1189.57	1278.00	1397.00	1427.12	203.54
54466.000	83.86	1194.00	1278.00	1397.00	1397.00	188.58
54466.000	82.51	1189.45	1278.00	1397.00	1427.22	203.97
54466.000	83.07	1194.00	1278.00	1397.00	1397.00	188.60
54477.000	84.73	1070.12	1278.00	1397.00	1430.90	348.06
54477.000	84.65	1194.00	1278.00	1397.00	1397.00	193.60
54477.000	84.79	1068.29	1278.00	1397.00	1430.96	352.83
54477.000	84.68	1194.00	1278.00	1397.00	1397.00	193.66
54517.000	84.81	1067.74	1278.00	1397.00	1430.98	354.29
54517.000	84.69	1194.00	1278.00	1397.00	1397.00	193.70
54605.000	85.70	1052.99	1138.00	1226.00	1248.80	195.80
54605.000	85.62	1060.00	1138.00	1226.00	1248.00	188.00

END OF ERRORS

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FLOODWAY DATA, ROCKFISH CREEK--BELOW US

STATION	FLOODWAY		MEAN VELOCITY	WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA		WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
0.100	165	8880	3.7	53.0	53.0	0.0
15.000	181	3365	3.9	52.9	52.9	0.0
30.000	181	3389	3.9	53.1	53.1	0.0
2530.000	167	3088	4.2	53.5	53.5	0.0 - A
3600.000	186	3387	3.9	53.9	53.9	0.0 - B
4890.000	165	2862	4.6	54.4	54.4	0.0 - C
6270.000	158	2741	4.8	56.2	56.2	0.0 - D
7830.000	162	2947	4.4	57.1	57.1	0.0
10078.000	224	4382	3.0	57.5	57.5	0.0
10880.000	224	3717	3.5	57.4	57.4	0.0
10900.000	224	3718	3.5	57.4	57.4	0.0
12995.000	221	4370	3.0	57.5	57.5	0.0
13855.000	178	3330	3.9	57.4	57.4	0.0
15300.000	178	3332	3.9	57.4	57.4	0.0
12520.000	148	2621	5.0	57.9	57.9	0.0
14090.000	152	2565	5.1	58.8	58.8	0.0 - E
16425.000	161	2795	4.6	60.4	60.4	0.0 - F
18800.000	181	3049	4.3	62.6	62.6	0.0 - G
21250.000	167	2750	4.7	63.4	63.4	0.0 - H
23700.000	195	2921	4.4	64.2	64.2	0.0 - I
26100.000	147	2375	5.5	65.5	65.5	0.0 - J
29750.000	155	2693	4.8	67.6	67.6	0.0 - K
32310.000	170	2523	5.1	68.8	68.8	0.0 - L
35800.000	163	2944	4.4	69.7	69.7	0.0 - M
39265.000	173	3449	3.8	70.3	70.3	0.0 - N
42800.000	134	2096	6.1	70.5	70.5	0.0
47490.000	134	2100	6.1	70.6	70.6	0.0
47495.000	130	1952	6.5	70.8	70.8	0.0
47525.000	130	1954	6.5	70.8	70.8	0.0
47530.000	131	2112	6.0	70.9	70.9	0.0
47610.000	131	2117	6.0	70.9	70.9	0.0
47615.000	131	1964	6.5	70.9	70.9	0.0
47645.000	131	1965	6.5	70.9	70.9	0.0
47650.000	132	2125	6.0	71.0	71.0	0.0
47700.000	135	2137	6.0	70.8	70.8	0.0
48855.000	128	1803	7.1	71.6	71.6	0.0 - O
49000.000	130	1886	6.8	74.9	74.9	0.0 - P
49780.000	120	2289	5.6	78.4	78.4	0.0 - Q
47370.000	120	2386	5.3	79.5	79.4	0.1
47371.000	120	2386	5.3	79.6	79.5	0.1
47372.000	120	2386	5.3	79.6	79.5	0.1
47373.000	120	2386	5.3	79.6	79.5	0.1
47380.000	120	2387	5.3	79.6	79.5	0.1
48780.000	120	2383	5.3	80.4	80.2	0.2
48770.000	181	2739	4.6	80.6	80.4	0.2
48845.000	181	2747	4.6	80.6	80.4	0.2
48880.000	120	2395	5.3	80.6	80.4	0.2
49290.000	120	2281	4.4	81.0	80.7	0.3 - R
49680.000	150	2392	4.2	82.4	82.1	0.3 - S
5170.000	200	2731	3.7	83.2	83.0	0.2 - T

FLOODWAY DATA, ROCKFISH CREEK--BELOW US

STATION	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		
				WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
54300.000	180	2653	3.8	83.3	83.0	0.3
54310.000	170	2113	4.0	83.4	83.0	0.4
54320.000	160	2119	4.8	83.4	83.0	0.4
54330.000	200	2902	3.5	83.5	83.1	0.4
54389.000	200	4338	2.3	83.9	83.5	0.4-1/2
54390.000	203	4260	3.1	83.9	83.5	0.4
54400.000	203	3139	6.0	83.0	82.2	0.8
54410.000	203	2140	6.8	83.1	82.3	0.8
54467.000	203	3817	2.9	84.7	84.7	0.0
54477.000	203	3421	2.9	84.8	84.8	0.0
54517.000	203	3423	2.9	84.8	84.8	0.0
54520.000	180	1545	6.5	85.7	85.7	0.0

USED DATA  
FROM RUN FOR  
HOPKINS MILLS.