

Big

Alamance

Creek

X1	197160.000	0.000	0.000	75.000	75.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	7.000	30800.000	14315.000	24910.000	30800.000	30800.000	30800.000	30800.000	30800.000	30800.000	30800.000	30800.000	30800.000	30800.000	30800.000	30800.000
ET	0.000	3,100	1050.000	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

<-SURVEYED SECTION

X1	1.000	18.000	1107.000	1217.000	600.000	250.000	400.000	0.000	0.000	-1.100	0.000	0.000	0.000	0.000	0.000	0.000
GR	486.700	1000.000	473.800	1023.000	474.600	1051.000	464.100	1073.000	464.000	464.000	1100.000	464.000	1100.000	464.000	1100.000	464.000
GR	461.300	1107.000	455.300	1116.000	450.700	1130.000	450.700	1162.000	451.400	451.400	1213.000	451.400	1213.000	451.400	1213.000	451.400
GR	461.700	1217.000	466.300	1227.000	467.000	1300.000	468.400	1400.000	471.700	471.700	1500.000	471.700	1500.000	471.700	1500.000	471.700
GR	474.400	1600.000	483.200	1700.000	469.800	1768.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3,100	1050.000	1550.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-BRIDGE C R 2116

X1	438.000	0.000	0.000	0.000	238.000	238.000	238.000	238.000	238.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3,100	1375.000	1628.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	486.000	10.000	1375.000	1628.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000
X3	10.000	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
GR	496.000	1200.000	481.500	1300.000	478.100	1375.000	451.100	1461.000	451.100	451.100	1541.000	451.100	1541.000	451.100	1541.000	451.100
GR	478.100	1628.000	479.800	1800.000	487.600	1900.000	486.900	2000.000	492.100	492.100	2100.000	492.100	2100.000	492.100	2100.000	492.100
SB	1.250	1.150	2.500	0.000	80.000	9.000	4245.000	3.200	451.100	451.100	451.100	451.100	451.100	451.100	451.100	451.100
ET	0.000	3,100	1375.000	1628.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	513.000	0.000	0.000	0.000	25.000	25.000	25.000	25.000	25.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	478.100	481.800	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B1	10.000	1200.000	496.000	0.000	1300.000	481.800	1375.000	1375.000	1375.000	481.800	481.800	1800.000	481.800	1800.000	481.800	1800.000
B2	1375.000	481.800	478.100	1628.000	481.800	478.100	1628.000	1628.000	1628.000	481.800	481.800	1800.000	481.800	1800.000	481.800	1800.000
B7	482.200	0.000	1500.000	487.600	0.000	2000.000	486.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
B7	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
ET	0.000	9,100	0.000	0.000	9,100	9,100	9,100	9,100	9,100	1115.000	1115.000	1430.000	1115.000	1430.000	1115.000	1430.000

<-SURVEYED SECTION

X1	565.000	17.000	1200.000	1335.000	52.000	52.000	52.000	52.000	52.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	490.000	1065.000	480.000	1090.000	475.000	1110.000	462.000	1200.000	455.300	455.300	1210.000	455.300	1210.000	455.300	1210.000	455.300
GR	453.200	1220.000	453.200	1240.000	451.100	1260.000	452.200	1280.000	451.600	451.600	1290.000	451.600	1290.000	451.600	1290.000	451.600
GR	451.600	1300.000	454.800	1320.000	462.000	1335.000	470.000	1385.000	475.000	475.000	1475.000	475.000	1475.000	475.000	1475.000	475.000
GR	480.000	1540.000	490.000	1610.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AC	0.000	9,100	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
ET	0.000	3,100	1315.000	1660.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	1400.000	14.000	1512.000	1622.000	835.000	835.000	835.000	835.000	835.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	490.700	1100.000	475.700	1200.000	471.800	1300.000	465.700	1400.000	465.700	465.700	1500.000	465.700	1500.000	465.700	1500.000	465.700
GR	463.000	1512.000	455.400	1517.000	452.400	1537.000	451.300	1562.000	451.600	451.600	1587.000	451.600	1587.000	451.600	1587.000	451.600
GR	452.600	1612.000	462.900	1622.000	462.000	1700.000	494.800	1790.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3,100	1475.000	1820.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SURVEYED SECTION

X1	2700.000	19.000	1704.000	1813.000	1300.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	495.000	1100.000	490.000	1180.000	485.000	1240.000	480.000	1320.000	475.000	1380.000	1380.000	0.000
GR	471.900	1500.000	469.700	1600.000	463.600	1700.000	462.800	1704.000	455.700	1711.000	1711.000	0.000
GR	452.300	1729.000	450.800	1754.000	451.700	1779.000	452.800	1802.000	466.000	1813.000	1813.000	0.000
GR	470.000	1650.000	475.000	1870.000	480.000	1890.000	495.000	1930.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1265.000	1610.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<<-SURVEYED SECTION

X1	4070.000	17.000	1456.000	1559.000	1370.000	1370.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	494.400	1000.000	488.300	1100.000	476.900	1200.000	470.100	1300.000	467.500	1400.000	1400.000	0.000
GR	463.500	1456.000	458.500	1461.000	455.100	1486.000	451.900	1511.000	451.900	1536.000	1536.000	0.000
GR	456.900	1556.000	463.000	1559.000	471.800	1600.000	473.700	1608.000	480.000	1610.000	1610.000	0.000
GR	485.400	1625.000	495.100	1700.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1155.000	1500.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<<-SURVEYED SECTION - TUPO LOB

X1	5835.000	19.000	1284.000	1375.000	1570.000	1860.000	1765.000	0.000	0.000	0.000	0.000	0.000
GR	509.000	1060.000	490.000	1090.000	485.000	1110.000	480.000	1125.000	475.000	1145.000	1145.000	0.000
GR	465.100	1200.000	463.700	1204.000	458.300	1207.000	454.600	1307.000	454.100	1338.000	1338.000	0.000
GR	455.100	1359.000	475.600	1371.000	463.000	1375.000	473.100	1400.000	475.100	1500.000	1500.000	0.000
GR	480.000	1530.000	485.000	1560.000	490.000	1590.000	500.000	1790.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1160.000	1505.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<<-SURVEYED SECTION

X1	6120.000	15.000	1259.000	1350.000	2350.000	2170.000	2285.000	0.000	0.000	0.000	0.000	0.000
GR	504.500	1000.000	478.300	1100.000	471.300	1200.000	468.200	1259.000	457.400	1261.000	1261.000	0.000
GR	453.600	1286.000	455.200	1311.000	454.000	1336.000	459.300	1346.000	461.000	1350.000	1350.000	0.000
GR	472.000	1400.000	470.600	1500.000	464.800	1600.000	493.200	1700.000	496.000	1766.000	1766.000	0.000
NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	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	0.000	0.000
ET	0.000	3.100	1320.000	1665.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<<-SURVEYED SECTION - TUPO ROB

X1	9900.000	20.000	1546.000	1652.000	1870.000	1630.000	1780.000	0.000	0.000	0.000	0.000	0.000
GR	499.100	1000.000	494.800	1100.000	487.600	1200.000	478.400	1300.000	470.900	1400.000	1400.000	0.000
GR	472.900	1500.000	472.900	1542.000	469.100	1546.000	463.400	1565.000	458.400	1569.000	1569.000	0.000
GR	454.800	1590.000	454.800	1615.000	458.000	1630.000	462.100	1642.000	467.800	1652.000	1652.000	0.000
GR	472.100	1654.000	475.000	1685.000	480.000	1720.000	490.000	1805.000	500.000	1880.000	1880.000	0.000
ET	0.000	3.100	1600.000	2205.000	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	9.100	9.100	0.000	0.000	1875.000	2185.000	2185.000	0.000

X1	10505.000	19.000	1577.000	2086.000	600.000	710.000	685.000	0.000	0.000	0.000	0.000	0.000
GR	500.000	1610.000	490.000	1695.000	465.000	1770.000	480.000	1815.000	475.000	1880.000	1880.000	0.000
GR	465.300	1977.000	465.000	1980.000	458.800	1985.000	456.000	2010.000	455.000	2039.000	2039.000	0.000
GR	458.700	2057.000	469.600	2086.000	472.000	2100.000	475.000	2110.000	480.000	2185.000	2185.000	0.000
GR	405.000	2400.000	490.000	2415.000	495.000	2455.000	500.000	2500.000	0.000	0.000	0.000	0.000
ET	0.000	5.110	1665.000	2210.000	0.000	0.000	0.000	0.000	6.000	6.000	6.000	0.000

<<-BRIDGE NC 07

X1	10435.000	13.000	1873.000	2155.000	50.000	50.000	50.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	466.000	486.000	0.000	0.000	0.000
GR	495.400	1600.000	487.900	1700.000	485.200	1800.000	476.400	1873.000	475.700	1919.000	1919.000	0.000
GR	455.100	1996.000	455.100	2051.000	475.000	2121.000	479.400	2155.000	480.000	2200.000	2200.000	0.000
GR	484.700	2300.000	408.100	2400.000	496.400	2500.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	0.950	1.210	2.500	0.000	35.000	11.200	4113.000	4.430	455.100	455.100	455.100	0.000

<<-SURVEYED SECTION - NON EFFECTIVE FLO LOB

X1	17230.000	15.000	2585.000	2652.000	750.000	490.000	610.000	0.000	0.000	0.000	0.000
GR	500.000	1835.000	495.000	2000.000	490.000	2110.000	485.000	2180.000	478.000	2300.000	0.000
GR	477.000	2400.000	475.800	2500.000	463.400	2585.000	459.300	2589.000	456.800	2610.000	0.000
GR	458.400	2635.000	457.500	2646.000	466.900	2652.000	479.400	2700.000	491.100	2800.000	0.000
NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EI	0.000	3.100	1530.000	1970.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<<-SURVEYED SECTION - NON EFFECTIVE FLO LOB

X1	18690.000	15.000	1655.000	1721.000	1410.000	1500.000	1460.000	0.000	0.000	0.000	0.000
GR	500.000	1260.000	495.000	1365.000	490.000	1470.000	482.100	1500.000	478.900	1600.000	0.000
GR	461.900	1655.000	458.800	1657.000	458.200	1680.000	458.900	1705.000	460.400	1717.000	0.000
GR	462.500	1721.000	474.700	1800.000	476.700	1900.000	486.000	2000.000	501.300	2100.000	0.000
EI	0.000	3.100	1190.000	1580.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-TOPD SECTIUN

X1	19300.000	15.000	1383.000	1456.000	610.000	610.000	610.000	0.000	0.000	0.000	0.000
GR	500.000	1000.000	495.000	1000.000	490.000	1120.000	485.000	1180.000	480.000	1300.000	0.000
GR	475.000	1340.000	465.500	1383.000	458.200	1408.000	459.800	1433.000	460.800	1452.000	0.000
GR	465.000	1456.000	475.000	1476.000	480.000	1510.000	485.000	1605.000	500.000	1670.000	0.000
EI	0.000	3.100	1335.000	1660.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<<-SURVEYED SECTION - NON EFFECTIVE FLO LOB

X1	19850.000	15.000	1541.000	1619.000	550.000	550.000	550.000	0.000	0.000	0.000	0.000
GR	500.000	1230.000	495.000	1265.000	490.000	1315.000	481.200	1359.000	479.100	1400.000	0.000
GR	477.000	1500.000	469.100	1541.000	463.400	1549.000	458.200	1566.000	460.100	1591.000	0.000
GR	461.000	1612.000	468.600	1619.000	475.000	1635.000	485.000	1665.000	503.800	1700.000	0.000
GR	7.000	29360.000	29360.000	29360.000	13620.000	23735.000	29360.000	46180.000	0.000	0.000	0.000
EI	0.000	3.100	2890.000	3185.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	9.100	9.100	9.100	2890.000	0.000	3185.000	0.000

<-TOPD SECTION - SURVEYED CHANNEL

X1	20937.000	17.000	3003.000	3100.000	1020.000	1100.000	1087.000	0.000	0.000	0.000	0.000
GR	505.000	2500.000	500.000	2605.000	490.000	2810.000	485.000	2866.000	480.000	2933.000	0.000
GR	477.000	2950.000	475.400	3003.000	464.700	3023.000	461.500	3026.000	458.100	3043.000	0.000
GR	460.300	3083.000	472.000	3100.000	462.500	3143.000	465.500	3155.000	492.800	3172.000	0.000
GR	501.700	3220.000	505.000	3260.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EI	0.000	3.100	2913.000	3172.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-BRIDGE C R 2309

X1	20927.000	17.500	2913.000	3172.000	50.000	50.000	50.000	0.000	0.000	0.000	0.000
GR	505.000	2500.000	500.000	2605.000	490.000	2810.000	485.000	2866.000	480.000	2933.000	0.000
GR	477.000	2950.000	475.400	3003.000	464.700	3023.000	461.500	3026.000	458.100	3043.000	0.000
GR	460.300	3083.000	472.000	3100.000	462.500	3143.000	465.500	3155.000	492.800	3172.000	0.000
GR	501.700	3220.000	505.000	3260.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	498.000	498.000	0.000	0.000
SB	1.250	1.190	2.500	0.000	52.000	8.000	5646.000	2.700	458.100	458.100	0.000
EI	0.000	3.100	2913.000	3172.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	21013.000	0.000	0.000	0.000	26.000	26.000	26.000	0.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	496.900	499.700	0.000	0.000	0.000	0.000	0.000	0.000
X5	10.000	0.000	0.000	0.000	0.000	0.000	0.000	459.700	500.600	0.000	0.000
B1	8.000	2500.000	505.000	3.000	2605.000	499.700	0.000	2913.000	499.700	0.000	0.000
B1	2913.000	499.700	495.900	3172.000	500.600	496.900	3172.000	1500.600	0.000	3250.000	0.000

BT	501.700	0.000	3260.000	505.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	2890.000	3165.000	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	9.100	9.100	9.100	9.100	2890.000	3165.000	0.000	0.000
XI	21063.000	17.000	3003.000	3100.000	50.000	50.000	50.000	50.000	0.000	0.000	0.000	0.000
GR	505.000	2500.000	500.000	2605.000	490.000	2810.000	485.000	2866.000	480.000	2911.000	480.000	2911.000
GR	477.000	2958.000	475.400	3003.000	464.700	3023.000	461.500	3026.000	458.100	3041.000	458.100	3041.000
GR	460.300	3083.000	472.000	3100.000	482.500	3143.000	489.500	3155.000	492.800	3172.000	492.800	3172.000
GR	501.700	3220.000	505.000	3260.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
EJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

57

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

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

BIG ALAMANCE CR

SUMMARY PRINTOUT

SECCO	CWSEL	EG	ELLC	ELMIN
197000.000	470.36	470.87	0.00	447.90
197000.000	473.19	473.72	0.00	447.90
197000.000	474.41	474.96	0.00	447.90
197000.000	477.69	478.25	0.00	447.90
197005.000	470.37	470.88	0.00	447.90
197005.000	473.19	473.73	0.00	447.90
197005.000	474.42	474.96	0.00	447.90
197005.000	477.70	478.26	0.00	447.90
197015.000	470.38	470.89	0.00	447.90
197015.000	473.20	473.74	0.00	447.90
197015.000	474.43	474.98	0.00	447.90
197015.000	477.71	478.27	0.00	447.90
197025.000	470.39	470.90	0.00	447.90
197025.000	473.22	473.75	0.00	447.90
197025.000	474.44	474.99	0.00	447.90
197025.000	477.72	478.28	0.00	447.90
197040.000	470.41	470.91	0.00	447.90
197040.000	473.23	473.76	0.00	447.90
197040.000	474.46	475.00	0.00	447.90
197040.000	477.74	478.29	0.00	447.90
197060.000	470.43	470.93	0.00	447.90
197060.000	473.26	473.78	0.00	447.90
197060.000	474.48	475.02	0.00	447.90
197060.000	477.76	478.31	0.00	447.90
197085.000	470.46	470.96	0.00	447.90
197085.000	473.29	473.81	0.00	447.90
197085.000	474.51	475.05	0.00	447.90
197085.000	477.79	478.34	0.00	447.90
197160.000	470.54	471.03	0.00	447.90
197160.000	473.37	473.89	0.00	447.90
197160.000	474.60	475.12	0.00	447.90
197160.000	477.87	478.41	0.00	447.90

SECAO CKSEL EG ELLC ELMIN

1.000	471.00	471.21	0.00	449.60
1.000	473.60	474.44	0.00	449.60
1.000	474.86	475.76	0.00	449.60
1.000	477.97	479.28	0.00	449.60
200.000	471.13	471.63	0.00	450.70
200.000	473.89	474.79	0.00	450.70
200.000	475.10	476.18	0.00	450.70
200.000	478.29	479.78	0.00	450.70
438.000	471.38	471.69	0.00	451.00
438.000	474.28	475.23	0.00	451.00
438.000	475.53	476.73	0.00	451.00
438.000	478.70	480.62	0.00	451.00
488.000	471.62	471.97	0.00	451.10
488.000	474.64	475.36	0.00	451.10
488.000	475.95	476.89	0.00	451.10
488.000	479.25	480.84	0.00	451.10
513.000	471.66	472.02	478.10	451.10
513.000	474.74	475.45	478.10	451.10
513.000	476.09	477.01	478.10	451.10
513.000	480.22	481.65	478.10	451.10
565.000	471.66	472.10	0.00	451.10
565.000	474.73	475.60	0.00	451.10
565.000	476.07	477.18	0.00	451.10
565.000	480.20	481.67	0.00	451.10
1400.000	472.45	472.90	0.00	451.30
1400.000	476.09	476.83	0.00	451.30
1400.000	477.75	478.62	0.00	451.30
1400.000	482.50	483.60	0.00	451.30
2700.000	473.68	474.11	0.00	450.80
2700.000	477.82	478.44	0.00	450.80
2700.000	479.69	480.38	0.00	450.80
2700.000	484.69	485.48	0.00	450.80
4070.000	474.93	475.35	0.00	451.90
4070.000	479.36	479.96	0.00	451.90
4070.000	481.30	481.99	0.00	451.90
4070.000	486.35	487.23	0.00	451.90
5835.000	476.51	476.93	0.00	454.10
5835.000	481.25	481.89	0.00	454.10
5835.000	483.32	484.05	0.00	454.10
5835.000	488.56	489.50	0.00	454.10
8120.000	478.39	478.73	0.00	453.60
8120.000	483.57	483.96	0.00	453.60
8120.000	485.81	486.26	0.00	453.60
8120.000	491.36	491.91	0.00	453.60

SEONO CWSEL EG ELLC ELMIN

9900.000	479.64	479.99	0.00	454.80
9900.000	484.88	485.30	0.00	454.60
9900.000	487.16	487.61	0.00	454.80
9900.000	492.78	493.29	0.00	454.80
10585.000	480.11	480.51	0.00	455.00
10585.000	485.32	485.91	0.00	455.00
10585.000	487.62	488.16	0.00	455.00
10585.000	493.25	493.82	0.00	455.00
10635.000	480.37	480.56	0.00	455.10
10635.000	485.66	485.99	0.00	455.10
10635.000	487.89	488.23	0.00	455.10
10635.000	493.49	493.89	0.00	455.10
10664.000	480.38	480.59	483.00	455.10
10664.000	486.03	486.55	483.00	455.10
10664.000	488.60	488.91	483.00	455.10
10664.000	494.11	494.48	483.00	455.10
10714.000	480.31	480.70	0.00	455.00
10714.000	485.95	486.46	0.00	455.00
10714.000	488.53	489.00	0.00	455.00
10714.000	494.05	494.57	0.00	455.00
11520.000	480.95	481.27	0.00	455.90
11520.000	486.76	487.02	0.00	455.90
11520.000	489.26	489.51	0.00	455.90
11520.000	494.80	495.07	0.00	455.90
13230.000	482.04	482.41	0.00	457.30
13230.000	487.66	488.17	0.00	457.30
13230.000	490.09	490.68	0.00	457.30
13230.000	495.58	496.38	0.00	457.30
15630.000	483.47	483.78	0.00	458.60
15630.000	489.32	489.72	0.00	458.60
15630.000	491.86	492.30	0.00	458.60
15630.000	497.70	498.21	0.00	458.60
16620.000	484.03	484.23	0.00	457.80
16620.000	489.99	490.19	0.00	457.80
16620.000	492.56	492.78	0.00	457.80
16620.000	498.46	498.73	0.00	457.80
17230.000	484.28	484.52	0.00	456.80
17230.000	490.22	490.47	0.00	456.80
17230.000	492.80	493.05	0.00	456.80
17230.000	498.73	499.01	0.00	456.80
18690.000	484.96	485.15	0.00	458.20
18690.000	490.86	491.09	0.00	458.20
18690.000	493.42	493.66	0.00	458.20
18690.000	499.35	499.63	0.00	458.20

SECNO	CWSEL	EG	ELLC	ELMIN
19300.000	485.15	485.51	0.00	458.20
19300.000	491.05	491.44	0.00	458.20
19300.000	493.61	493.02	0.00	458.20
19300.000	499.55	499.99	0.00	458.20
19850.000	485.52	485.66	0.00	458.20
19850.000	491.37	491.80	0.00	458.20
19850.000	493.92	494.39	0.00	458.20
19850.000	499.81	500.41	0.00	458.20
20937.000	486.17	486.50	0.00	458.10
20937.000	492.04	492.54	0.00	458.10
20937.000	494.60	495.18	0.00	458.10
20937.000	500.52	501.36	0.00	458.10
20987.000	486.33	486.56	0.00	458.10
20987.000	492.30	492.61	0.00	458.10
20987.000	494.92	495.26	0.00	458.10
20987.000	501.07	501.48	0.00	458.10
21013.000	486.36	486.59	496.90	458.10
21013.000	492.33	492.69	496.90	458.10
21013.000	494.96	495.38	496.90	458.10
21013.000	501.67	502.06	496.90	458.10
21063.000	486.33	486.66	0.00	458.10
21063.000	492.29	492.77	0.00	458.10
21063.000	494.91	495.47	0.00	458.10
21063.000	501.47	502.25	0.00	458.10

BIG ALAMANCE CR

SUMMARY PRINTOUT

SECCO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB
197000.000	470.36	1342.52	21164.27	808.21	0.94	6.00	1.26
197000.000	473.19	5372.16	26604.19	1933.65	1.34	6.59	1.69
197000.000	474.41	7970.71	29248.90	2580.39	1.55	6.87	1.86
197000.000	477.69	16731.67	35948.87	4709.46	2.02	7.41	2.25
197005.000	470.37	1345.99	21159.75	809.26	0.94	6.00	1.26
197005.000	473.19	5378.26	26596.93	1934.81	1.34	6.59	1.68
197005000	474.42	7977.31	29241.09	2581.60	1.55	6.87	1.86
197005.000	477.70	16738.14	35940.94	4710.73	2.02	7.41	2.25
197015.000	470.38	1353.42	21150.08	811.50	0.94	5.99	1.26
197015.000	473.20	5391.41	26581.27	1937.32	1.34	6.58	1.68
197015.000	474.43	7991.51	29224.28	2584.21	1.55	6.86	1.86
197015.000	477.71	16732.53	35924.05	4713.42	2.02	7.40	2.25
197025.000	470.39	1361.41	21139.69	813.90	0.94	5.99	1.26
197025.000	473.22	5405.62	26564.35	1940.03	1.34	6.57	1.68
197025.000	474.44	8006.82	29206.16	2587.02	1.54	6.85	1.85
197025.000	477.72	16767.66	35906.04	4716.30	2.02	7.39	2.25
197040.000	470.41	1372.99	21124.65	817.35	0.94	5.98	1.26
197040.000	473.23	5425.98	26540.11	1943.91	1.34	6.56	1.68
197040.000	474.46	8028.78	29180.18	2591.05	1.54	6.84	1.85
197040.000	477.74	16789.47	35880.09	4720.44	2.01	7.38	2.25
197060.000	470.43	1388.61	21104.42	821.96	0.93	5.97	1.26
197060.000	473.26	5453.21	26507.70	1949.09	1.34	6.55	1.68
197060.000	474.48	8058.12	29145.46	2596.43	1.54	6.83	1.85
197060.000	477.76	16818.60	35845.43	4725.98	2.01	7.37	2.24
197085.000	470.46	1408.35	21078.92	827.73	0.93	5.95	1.26
197085.000	473.29	5487.26	26467.17	1955.56	1.34	6.53	1.68
197085.000	474.51	8094.78	29102.07	2603.15	1.54	6.81	1.85
197085.000	477.79	16854.98	35802.13	4732.89	2.01	7.35	2.24
197160.000	470.54	1464.51	21006.74	843.75	0.93	5.91	1.26
197160.000	473.37	5587.78	26347.60	1974.62	1.34	6.48	1.67
197160.000	474.60	8202.90	28974.15	2622.95	1.54	6.75	1.84
197160.000	477.87	16956.51	35681.30	4752.19	2.01	7.31	2.23
1.000	471.00	571.15	12416.87	1326.97	1.63	5.53	1.18
1.000	473.68	1233.00	19093.43	3983.57	2.41	7.76	1.94
1.000	474.86	1670.66	23315.21	5814.13	2.72	8.74	2.31
1.000	477.97	3185.72	32812.26	12392.01	3.56	10.90	3.24
200.000	471.13	512.06	12802.50	1000.45	1.69	5.99	1.17
200.000	473.89	1156.35	20329.86	3423.79	2.60	8.33	1.99
200.000	475.10	1562.25	24077.53	5160.22	2.91	9.36	2.37
200.000	478.29	3054.29	33699.94	11635.77	3.71	11.52	3.34
438.000	471.38	510.05	12848.35	956.11	1.70	6.03	1.41
438.000	474.28	1193.83	20820.19	2895.98	2.66	8.50	2.53
438.000	475.53	1641.56	25005.97	4152.47	3.04	9.66	3.07
438.000	478.70	3250.73	36773.92	8365.35	4.15	12.52	4.48

SECNO CWSSEL GLOB QCH QROR VLOR VCH VROR

488.000	471.62	0.00	14315.00	0.00	0.00	4.79	0.00
488.000	474.64	0.00	24910.00	0.00	0.00	6.81	0.00
488.000	475.95	0.00	30800.00	0.00	0.00	7.76	0.00
488.000	479.25	0.00	48390.00	0.00	0.00	10.11	0.00
513.000	471.66	0.00	14315.00	0.00	0.00	4.77	0.00
513.000	474.74	0.00	24910.00	0.00	0.00	6.76	0.00
513.000	476.09	0.00	30800.00	0.00	0.00	7.70	0.00
513.000	480.22	0.00	48390.00	0.00	0.00	9.62	0.00
565.000	471.66	414.31	13472.19	458.50	1.28	5.53	1.49
565.000	474.73	1128.76	22376.58	1404.67	2.01	7.87	2.37
565.000	476.07	1662.34	27086.97	2050.68	2.46	8.95	2.84
565.000	480.20	3633.34	40272.13	4484.53	3.54	11.24	4.03
1400.000	472.45	1707.34	12367.46	240.21	1.49	5.80	1.29
1400.000	476.09	4746.02	19489.75	674.24	2.34	7.69	1.90
1400.000	477.75	6719.04	23105.58	975.38	2.70	8.51	2.17
1400.000	482.50	13853.31	32361.56	2173.13	3.48	9.99	2.77
2700.000	473.66	1501.34	12503.09	310.57	1.37	5.63	1.31
2700.000	477.82	4844.27	19033.83	981.90	2.00	7.13	2.02
2700.000	479.69	7200.77	22171.18	1428.04	2.29	7.71	2.20
2700.000	484.69	15302.23	30075.34	3012.43	2.92	8.80	2.91
4070.000	474.93	2159.90	11601.15	543.94	1.64	5.76	1.67
4070.000	479.36	5743.77	17818.27	1347.96	2.34	7.21	2.46
4070.000	481.30	8009.17	20972.34	1818.49	2.66	7.85	2.80
4070.000	486.35	15543.11	29507.23	3339.66	3.37	9.24	3.47
5835.000	476.51	2917.15	11090.35	307.50	2.12	5.84	1.43
5835.000	481.25	6192.64	17389.31	1328.05	2.94	7.46	1.70
5835.000	483.32	8046.21	20488.46	2265.33	3.28	8.13	2.00
5835.000	488.50	13661.65	20784.46	5923.89	4.04	9.60	2.78
8120.000	473.39	1161.43	10936.15	2217.42	1.34	5.25	1.53
8120.000	483.57	3447.39	15496.75	5463.83	1.98	6.26	2.10
8120.000	485.81	4836.75	18526.62	7434.63	2.24	6.72	2.35
8120.000	491.36	9236.96	32251.80	13898.22	2.84	7.74	2.89
9900.000	479.64	2503.03	11487.72	324.25	1.57	5.27	1.14
9900.000	484.53	6873.17	16820.31	1216.51	2.21	6.15	1.64
9900.000	487.16	9481.32	19474.35	1844.35	2.46	6.54	1.82
9900.000	492.78	17866.31	26337.37	4186.32	2.98	7.37	2.24
10585.000	480.11	1413.39	12425.70	475.91	1.77	5.41	1.21
10585.000	485.32	3569.43	19564.23	1776.35	2.69	6.83	1.96
10585.000	487.62	6157.89	21380.35	3261.76	2.52	6.86	1.81
10585.000	493.25	11916.72	28380.09	8093.16	2.96	7.61	2.23
10635.000	480.37	0.00	14315.00	0.00	0.00	3.66	0.00
10635.000	485.66	0.00	24910.00	0.00	0.00	4.61	0.00
10635.000	487.89	792.31	28821.17	1186.52	1.21	4.70	1.11
10635.000	493.49	2568.91	41364.00	4037.09	1.62	5.44	1.55

SECNO	CWSEL	QULOB	GCH	QROB	VLOB	VCH	VROB
10664.000	480.38	0.00	14315.00	0.00	0.00	2.66	0.00
10664.000	496.03	0.00	24910.00	0.00	0.00	4.53	0.00
10664.000	488.60	920.84	28516.37	1362.79	1.18	4.58	1.09
10664.000	494.11	3164.70	40939.06	4286.25	1.59	5.26	1.52
10714.000	480.31	1370.90	12388.91	555.19	1.55	5.34	1.34
10714.000	485.95	3508.24	19061.13	2340.62	2.28	6.50	2.03
10714.000	488.53	5824.62	20973.79	4001.59	2.18	6.52	1.94
10714.000	494.05	11024.43	27892.16	9473.42	2.57	7.30	2.42
11520.000	480.95	1998.82	9109.52	2541.67	2.37	5.38	1.42
11520.000	486.76	3914.50	11580.24	8295.26	2.45	5.49	1.77
11520.000	489.26	5056.35	12812.65	11556.00	2.51	5.59	1.95
11520.000	494.80	8858.56	16481.59	20934.84	2.71	6.13	2.40
13230.000	482.04	2375.90	10502.56	771.54	1.87	5.50	1.75
13230.000	487.66	6000.95	16113.27	1675.78	2.50	6.81	2.33
13230.000	490.09	8249.72	18965.09	2210.18	2.79	7.40	2.57
13230.000	495.58	13351.74	26955.14	3958.12	3.54	8.97	3.04
15630.000	483.47	1343.13	10336.54	1968.33	1.65	5.04	1.52
15630.000	489.32	2917.56	15594.85	5277.57	2.14	6.12	1.86
15630.000	491.86	3829.34	18087.34	7508.32	2.30	6.54	2.03
15630.000	497.70	6623.13	24616.55	15035.32	2.66	7.55	2.41
16620.000	484.03	3532.69	8045.27	1672.04	1.19	4.45	1.51
16620.000	489.99	8765.52	11647.84	3376.63	1.59	4.96	1.75
16620.000	492.56	11754.49	13289.66	4380.84	1.77	5.22	1.87
16620.000	498.46	20758.60	17970.45	7545.95	2.21	6.00	2.18
17230.000	484.26	4327.32	8429.50	893.18	1.46	4.87	1.48
17230.000	490.22	10206.01	11569.50	2014.49	1.83	5.43	1.75
17230.000	492.80	13650.30	13085.36	2689.33	1.99	5.68	1.85
17230.000	498.73	24297.04	17111.36	4866.57	2.31	6.34	2.14
18690.000	484.96	2115.91	7694.67	3839.43	1.68	4.52	1.49
18690.000	490.86	4900.95	10902.63	7986.41	2.12	5.21	1.85
18690.000	493.42	6596.77	12488.07	10340.16	2.27	5.52	2.02
18690.000	499.35	12359.94	16690.88	17224.13	2.58	6.29	2.40
19300.000	485.15	2608.54	10005.81	1035.65	2.06	5.57	1.35
19300.000	491.05	6621.99	14040.34	3127.67	2.46	6.30	1.81
19300.000	493.61	9152.13	15892.45	4380.43	2.61	6.58	2.00
19300.000	499.55	17446.74	20696.92	8131.33	3.03	7.27	2.41
19850.000	485.52	2912.45	10081.55	655.60	1.91	5.36	1.64
19850.000	491.37	7457.42	14798.48	1534.09	2.66	6.34	2.16
19850.000	493.92	10204.71	17166.11	2054.18	2.96	6.79	2.37
19850.000	497.81	18933.29	23675.42	3666.29	3.67	7.94	2.88
20937.000	486.17	1664.29	11370.27	585.44	1.83	5.03	1.48
20937.000	492.04	4312.31	17875.84	1546.85	2.74	6.32	2.13
20937.000	494.60	5858.28	21321.04	2180.68	3.15	6.93	2.38
20937.000	500.52	10565.92	31250.10	4363.98	4.18	8.56	3.08

SECNO	CWSEL	QLOB	GCH	QR0B	VLOB	VCH	VR0B
20987.000	486.33	202.74	13417.66	0.00	1.07	3.85	0.00
20987.000	492.30	1307.27	2227.73	0.00	1.67	4.54	0.00
20987.000	494.92	2259.22	27096.39	4.38	1.81	4.82	0.36
20987.000	501.07	6191.32	39828.92	159.76	2.14	5.52	0.87
21013.000	486.36	0.00	13620.00	0.00	0.00	3.90	0.00
21013.000	492.33	0.00	23735.00	0.00	0.00	4.79	0.00
21013.000	494.96	0.00	29360.00	0.00	0.00	5.22	0.00
21013.000	501.67	6490.29	39505.11	184.60	2.10	5.36	0.87
21063.000	486.33	1690.92	11334.69	594.39	1.83	4.98	1.48
21063.000	492.29	4358.09	17809.28	1567.63	2.73	6.24	2.11
21063.000	494.91	5915.13	21230.93	2213.94	3.12	6.83	2.35
21063.000	501.47	10732.50	30952.25	4495.25	4.07	8.27	3.00

BIG ALAMANCE CR

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	SICHL	SICHR	ENDST	TOPWID
197000.000	470.36	1156.74	2060.00	2241.00	2408.26	1251.51
197000.000	473.19	1131.32	2060.00	2241.00	2433.68	1302.37
197000.000	474.41	1120.31	2060.00	2241.00	2444.69	1324.38
197000.000	477.69	1090.75	2060.00	2241.00	2463.47	1372.72
197005.000	470.37	1156.70	2060.00	2241.00	2408.30	1251.60
197005.000	473.19	1131.27	2060.00	2241.00	2433.73	1302.46
197005.000	474.42	1120.26	2060.00	2241.00	2444.74	1324.47
197005.000	477.70	1090.71	2060.00	2241.00	2463.50	1372.79
197015.000	470.38	1156.60	2060.00	2241.00	2408.40	1251.80
197015.000	473.20	1131.17	2060.00	2241.00	2433.83	1302.65
197015.000	474.43	1120.16	2060.00	2241.00	2444.84	1324.67
197015.000	477.71	1090.61	2060.00	2241.00	2463.55	1372.94
197025.000	470.39	1156.50	2060.00	2241.00	2408.50	1252.00
197025.000	473.22	1131.07	2060.00	2241.00	2433.93	1302.86
197025.000	474.44	1120.06	2060.00	2241.00	2444.94	1324.88
197025.000	477.72	1090.51	2060.00	2241.00	2463.61	1373.10
197040.000	470.41	1156.35	2060.00	2241.00	2408.65	1252.30
197040.000	473.23	1130.92	2060.00	2241.00	2434.08	1303.17
197040.000	474.46	1119.91	2060.00	2241.00	2445.09	1325.19
197040.000	477.74	1090.36	2060.00	2241.00	2463.69	1373.33
197060.000	470.43	1156.15	2060.00	2241.00	2408.85	1252.70
197060.000	473.26	1130.71	2060.00	2241.00	2434.29	1303.57
197060.000	474.48	1119.70	2060.00	2241.00	2445.30	1325.60
197060.000	477.76	1090.17	2060.00	2241.00	2463.80	1373.63
197085.000	470.46	1155.90	2060.00	2241.00	2409.10	1253.19
197085.000	473.29	1130.46	2060.00	2241.00	2434.54	1304.08
197085.000	474.51	1119.44	2060.00	2241.00	2445.56	1326.11
197085.000	477.79	1089.92	2060.00	2241.00	2463.93	1374.02
197160.000	470.54	1155.21	2060.00	2241.00	2409.79	1254.59
197160.000	473.37	1129.71	2060.00	2241.00	2435.29	1305.59
197160.000	474.60	1118.68	2060.00	2241.00	2446.32	1327.63
197160.000	477.87	1089.23	2060.00	2241.00	2464.32	1375.09
1.000	471.00	1056.24	1107.00	1217.00	1514.76	458.51
1.000	473.68	1021.24	1107.00	1217.00	1604.37	583.13
1.000	474.86	1019.15	1107.00	1217.00	1617.69	598.54
1.000	477.91	1013.60	1107.00	1217.00	1653.08	639.88
200.000	471.15	1058.27	1107.00	1217.00	1482.77	424.50
200.000	473.89	1022.84	1107.00	1217.00	1581.18	532.08
200.000	475.10	1020.70	1107.00	1217.00	1607.82	587.12
200.000	478.29	1015.00	1107.00	1217.00	1644.16	629.15
438.000	471.38	1052.37	1107.00	1217.00	1380.00	321.63
438.000	474.28	1052.32	1107.00	1217.00	1380.00	327.68
438.000	475.53	1030.00	1107.00	1217.00	1380.00	350.00
438.000	478.70	1030.00	1107.00	1217.00	1380.00	350.00

SECNO	CWSEL	SSTA	STCHL	STCHR	ENUST	TOPWID
488.000	475.62	1395.64	1375.00	1628.00	1607.12	211.47
488.000	474.64	1386.01	1375.00	1628.00	1616.87	230.86
488.000	475.95	1381.64	1375.00	1628.00	1621.08	239.24
488.000	479.25	1375.00	1375.00	1628.00	1628.00	253.00
513.000	471.66	1395.50	1375.00	1628.00	1607.26	211.76
513.000	474.74	1385.69	1375.00	1628.00	1617.19	231.50
513.000	476.09	1381.41	1375.00	1628.00	1621.52	240.11
513.000	480.22	1375.00	1375.00	1628.00	1628.00	253.00
565.000	471.66	1133.15	1200.00	1335.00	1414.81	281.66
565.000	474.73	1115.00	1200.00	1335.00	1430.00	315.00
565.000	476.07	1115.00	1200.00	1335.00	1430.00	315.00
565.000	480.20	1115.00	1200.00	1335.00	1430.00	315.00
1400.000	472.45	1291.92	1512.00	1622.00	1660.95	389.03
1400.000	476.09	1245.64	1512.00	1622.00	1675.88	430.24
1400.000	477.75	1224.74	1512.00	1622.00	1682.63	457.89
1400.000	482.50	1174.50	1512.00	1622.00	1703.55	525.05
2700.000	473.68	1431.03	1704.00	1813.00	1864.73	433.70
2700.000	477.82	1346.13	1704.00	1813.00	1881.29	535.16
2700.000	479.69	1323.75	1704.00	1813.00	1888.75	565.01
2700.000	484.69	1245.00	1704.00	1813.00	1902.50	657.50
4070.000	474.93	1229.02	1456.00	1559.00	1608.39	379.37
4070.000	479.36	1178.46	1456.00	1559.00	1609.80	421.34
4070.000	481.30	1161.38	1456.00	1559.00	1613.62	452.24
4070.000	486.35	1117.09	1456.00	1559.00	1632.36	515.27
5835.000	476.51	1138.99	1284.00	1375.00	1436.63	297.64
5835.000	481.25	1121.25	1284.00	1375.00	1537.50	416.25
5835.000	483.32	1115.00	1284.00	1375.00	1549.99	434.99
5835.000	488.56	1095.75	1284.00	1375.00	1561.38	485.63
8120.000	478.39	1099.65	1259.00	1350.00	1554.24	454.59
8120.000	483.57	1079.90	1259.00	1350.00	1591.19	511.30
8120.000	485.81	1071.35	1259.00	1350.00	1611.99	540.65
8120.000	491.36	1050.15	1259.00	1350.00	1678.09	627.94
9900.000	479.64	1286.54	1546.00	1652.00	1717.47	430.92
9900.000	484.88	1229.62	1546.00	1652.00	1761.44	531.82
9900.000	487.16	1204.82	1546.00	1652.00	1760.83	576.01
9900.000	492.78	1128.11	1546.00	1652.00	1825.82	697.72
10585.000	480.11	1875.00	1977.00	2086.00	2185.00	310.00
10585.000	485.32	1875.00	1977.00	2086.00	2185.00	310.00
10585.000	487.62	1730.66	1977.00	2086.00	2360.33	629.67
10585.000	493.25	1667.41	1977.00	2086.00	2440.96	773.55
10635.000	480.37	1873.00	1873.00	2155.00	2155.00	282.00
10635.000	485.66	1873.00	1873.00	2155.00	2155.00	282.00
10635.000	487.89	1700.22	1873.00	2155.00	2393.94	693.73
10635.000	493.49	1625.51	1873.00	2155.00	2464.90	839.40

SECKO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPAYD
10664.000	480.38	1873.00	1873.00	2155.00	2155.00	282.00
10664.000	486.03	1873.00	1873.00	2155.00	2155.00	282.00
10664.000	488.60	1873.00	1873.00	2155.00	2406.06	715.43
10664.000	494.11	1617.14	1873.00	2155.00	2472.46	855.32
10714.000	480.31	1660.00	1977.00	2086.00	2192.09	332.09
10714.000	485.95	1860.00	1977.00	2086.00	2220.00	360.00
10714.000	488.53	1717.05	1977.00	2086.00	2381.20	664.15
10714.000	494.05	1660.55	1977.00	2086.00	2447.42	786.87
11520.000	480.95	1082.36	1189.00	1261.00	1760.00	677.64
11520.000	486.76	1034.12	1189.00	1261.00	1760.00	725.88
11520.000	489.26	1011.68	1189.00	1261.00	1760.00	748.32
11520.000	494.80	904.10	1189.00	1261.00	1760.00	855.90
13230.000	482.04	1096.09	1281.00	1362.00	1405.23	309.14
13230.000	487.66	1061.62	1281.00	1362.00	1417.81	356.19
13230.000	490.09	1046.69	1281.00	1362.00	1423.26	376.57
13230.000	495.58	1013.02	1281.00	1362.00	1493.54	480.53
15630.000	483.47	1091.84	1170.00	1255.00	1452.90	361.06
15630.000	489.32	1059.34	1170.00	1255.00	1573.95	514.61
15630.000	491.86	1045.22	1170.00	1255.00	1624.95	575.72
15630.000	497.70	1012.60	1170.00	1255.00	1750.45	737.65
16620.000	484.03	1107.81	1519.00	1595.00	1714.14	606.34
16620.000	489.99	1080.06	1519.00	1595.00	1749.92	669.86
16620.000	492.56	1069.77	1519.00	1595.00	1765.35	695.58
16620.000	498.46	1039.22	1519.00	1595.00	1800.78	761.56
17230.000	484.28	2192.32	2585.00	2652.00	2727.58	535.26
17230.000	490.22	2105.07	2585.00	2652.00	2761.15	656.09
17230.000	492.80	2048.44	2585.00	2652.00	2775.69	727.25
17230.000	498.73	1877.02	2585.00	2652.00	2800.00	922.98
18690.000	484.96	1469.15	1655.00	1721.00	1988.78	499.63
18690.000	490.86	1451.94	1655.00	1721.00	2031.76	579.82
18690.000	493.42	1398.11	1655.00	1721.00	2048.52	650.40
18690.000	499.35	1273.82	1655.00	1721.00	2087.20	813.38
19300.000	485.15	1178.26	1383.00	1456.00	1605.63	427.37
19300.000	491.05	1094.89	1383.00	1456.00	1631.20	536.31
19300.000	493.61	1033.29	1383.00	1456.00	1642.32	609.04
19300.000	499.55	1000.00	1383.00	1456.00	1668.05	668.05
19850.000	485.52	1337.41	1541.00	1618.00	1665.96	328.55
19850.000	491.37	1301.28	1541.00	1618.00	1676.86	375.58
19850.000	493.92	1275.81	1541.00	1618.00	1681.60	405.79
19850.000	499.81	1231.28	1541.00	1618.00	1692.58	461.30
20937.000	486.17	2890.00	3003.00	3100.00	3149.30	259.30
20937.000	492.04	2890.00	3003.00	3100.00	3168.09	278.04
20937.000	494.60	2890.00	3003.00	3100.00	3181.66	291.66
20937.000	500.52	2890.00	3003.00	3100.00	3185.00	295.00

SEQNO	CMSEL	SSIA	STCHL	STCHR	ENDST	TOPRID
20987.000	486.33	2851.11	2913.00	3172.00	3149.54	298.45
20987.000	492.30	2762.83	2913.00	3172.00	3169.43	406.59
20987.000	494.92	2709.10	2913.00	3172.00	3183.45	474.35
20987.000	501.07	2582.61	2913.00	3172.00	3216.58	633.97
21013.000	486.36	2913.00	2913.00	3172.00	3149.61	236.61
21013.000	492.33	2913.00	2913.00	3172.00	3169.59	256.59
21013.000	494.96	2913.00	2913.00	3172.00	3172.00	259.00
21013.000	501.67	2569.90	2913.00	3172.00	3219.85	649.95
21063.000	486.33	2890.00	3003.00	3100.00	3149.56	259.56
21063.000	492.29	2890.00	3003.00	3100.00	3169.38	279.38
21063.000	494.91	2890.00	3003.00	3100.00	3183.36	293.36
21063.000	501.47	2890.00	3003.00	3100.00	3185.00	295.00

BIG ALAMANCE CR

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CKSEL	C'IMS	EG	10K*S	VCH	AREA	.01K
197000.000	0.00	0.00	0.00	447.90	23315.00	470.36	0.00	470.87	10.01	6.00	5590.93	7369.12
197000.000	0.00	0.00	0.00	447.90	33910.00	473.19	0.00	473.72	10.07	6.59	9198.45	10685.81
197000.000	0.00	0.00	0.00	447.90	39800.00	474.41	0.00	474.96	10.19	6.87	10804.91	12469.55
197000.000	0.00	0.00	0.00	447.90	57390.00	477.69	0.00	478.25	9.95	7.41	15236.92	18189.59
197005.000	5.00	0.00	0.00	447.90	23315.00	470.37	0.00	470.88	10.00	6.00	5597.19	7373.05
197005.000	5.00	0.00	0.00	447.90	33910.00	473.19	0.00	473.73	10.06	6.59	9205.01	10692.75
197005.000	5.00	0.00	0.00	447.90	39800.00	474.42	0.00	474.96	10.17	6.87	10811.56	12477.58
197005.000	5.00	0.00	0.00	447.90	57390.00	477.70	0.00	478.26	9.94	7.41	15243.75	18199.23
197015.000	10.00	0.00	0.00	447.90	23315.00	470.38	0.00	470.89	9.97	5.99	5610.58	7383.97
197015.000	10.00	0.00	0.00	447.90	33910.00	473.20	0.00	473.74	10.03	6.58	9219.15	10707.73
197015.000	10.00	0.00	0.00	447.90	39800.00	474.43	0.00	474.96	10.15	6.86	10826.09	12494.26
197015.000	10.00	0.00	0.00	447.90	57390.00	477.71	0.00	478.27	9.92	7.40	15258.32	18219.80
197025.000	10.00	0.00	0.00	447.90	23315.00	470.39	0.00	470.90	9.94	5.99	5624.93	7394.85
197025.000	10.00	0.00	0.00	447.90	33910.00	473.22	0.00	473.75	10.00	6.57	9234.45	10723.95
197025.000	10.00	0.00	0.00	447.90	39800.00	474.44	0.00	474.99	10.12	6.85	10841.78	12512.49
197025.000	10.00	0.00	0.00	447.90	57390.00	477.72	0.00	478.28	9.90	7.39	15273.87	18241.77
197040.000	15.00	0.00	0.00	447.90	23315.00	470.41	0.00	470.91	9.90	5.98	5645.60	7410.55
197040.000	15.00	0.00	0.00	447.90	33910.00	473.23	0.00	473.76	9.96	6.56	9256.91	10747.85
197040.000	15.00	0.00	0.00	447.90	39800.00	474.46	0.00	475.00	10.08	6.84	10864.30	12538.70
197040.000	15.00	0.00	0.00	447.90	57390.00	477.74	0.00	478.29	9.86	7.38	15296.31	18273.49
197060.000	20.00	0.00	0.00	447.90	23315.00	470.43	0.00	470.93	9.84	5.97	5673.26	7431.65
197060.000	20.00	0.00	0.00	447.90	33910.00	473.26	0.00	473.78	9.90	6.55	9285.80	10778.49
197060.000	20.00	0.00	0.00	447.90	39800.00	474.48	0.00	475.02	10.02	6.83	10894.46	12573.85
197060.000	20.00	0.00	0.00	447.90	57390.00	477.76	0.00	478.31	9.82	7.37	15326.35	18316.00
197085.000	25.00	0.00	0.00	447.90	23315.00	470.66	0.00	470.96	9.77	5.95	5707.82	7458.20
197085.000	25.00	0.00	0.00	447.90	33910.00	473.29	0.00	473.81	9.83	6.53	9322.63	10817.73
197085.000	25.00	0.00	0.00	447.90	39800.00	474.51	0.00	475.05	9.95	6.81	10932.85	12617.96
197085.000	25.00	0.00	0.00	447.90	57390.00	477.79	0.00	478.34	9.76	7.35	15363.99	18369.32
197160.000	75.00	0.00	0.00	447.90	23315.00	470.54	0.00	471.03	9.58	5.91	5804.77	7533.12
197160.000	75.00	0.00	0.00	447.90	33910.00	473.37	0.00	473.89	9.62	6.48	9431.82	10934.58
197160.000	75.00	0.00	0.00	447.90	39800.00	474.60	0.00	475.12	9.75	6.75	11044.35	12749.31
197160.000	75.00	0.00	0.00	447.90	57390.00	477.87	0.00	478.41	9.60	7.31	15465.64	18519.39
1.000	400.00	0.00	0.00	449.60	14315.00	471.00	0.00	471.41	8.57	5.53	3720.59	4869.22
1.000	400.00	0.00	0.00	449.60	24910.00	473.68	0.00	474.44	14.28	7.76	5108.92	6592.80
1.000	400.00	0.00	0.00	449.60	30800.00	474.86	0.00	475.78	16.96	8.74	5801.45	7477.90
1.000	400.00	0.00	0.00	449.60	48390.00	477.97	0.00	479.28	22.46	10.90	7729.14	10209.80
200.000	200.00	0.00	0.00	450.70	14315.00	471.13	0.00	471.63	10.71	5.99	3294.37	4373.20
200.000	200.00	0.00	0.00	450.70	24910.00	473.89	0.00	474.79	17.35	8.33	4606.04	5979.99
200.000	200.00	0.00	0.00	450.70	30800.00	475.10	0.00	476.18	20.43	9.36	5286.49	6814.13
200.000	200.00	0.00	0.00	450.70	48390.00	478.29	0.00	479.78	26.11	11.52	7230.84	9476.00
438.000	238.00	0.00	0.00	451.00	14315.00	471.38	0.00	471.89	10.88	6.03	3108.43	4339.45
438.000	238.00	0.00	0.00	451.00	24910.00	474.28	0.00	475.23	17.99	8.50	4045.42	5873.13
438.000	238.00	0.00	0.00	451.00	30800.00	475.53	0.00	476.73	21.58	9.66	4481.07	6629.85
438.000	238.00	0.00	0.00	451.00	48390.00	478.70	0.00	480.62	30.65	12.52	5588.71	8740.49

SECNO

XLCH

ELTRD

ELLC

ELMIN

Q

CMSCL

CRWS

EG

IOK'S

VCH

AREA

OLK

488.000	50.00	0.00	0.00	451.10	14315.00	471.62	0.00	471.97	19.54	4.79	2990.38	4634.03
488.000	50.00	0.00	0.00	451.10	24910.00	474.64	0.00	475.36	16.60	6.81	3659.60	6113.89
488.000	50.00	0.00	0.00	451.10	30800.00	475.95	0.00	476.89	20.35	7.76	3967.07	6826.93
488.000	50.00	0.00	0.00	451.10	48390.00	479.25	0.00	480.84	29.02	10.11	4707.11	8982.82
513.000	25.00	481.80	478.10	451.10	14315.00	471.66	0.00	472.02	19.46	4.77	2999.97	4654.49
513.000	25.00	481.80	478.10	451.10	24910.00	474.74	0.00	475.45	16.92	6.76	3682.60	6166.54
513.000	25.00	481.80	478.10	451.10	30800.00	476.09	0.00	477.01	19.91	7.70	3999.50	6903.26
513.000	25.00	481.80	478.10	451.10	48390.00	480.22	0.00	481.65	24.63	9.62	5030.73	9750.03
565.000	52.00	0.00	0.00	451.10	14315.00	471.66	0.00	472.10	19.27	5.53	3059.66	4701.77
565.000	52.00	0.00	0.00	451.10	24910.00	474.73	0.00	475.60	15.19	7.87	3997.68	6392.25
565.000	52.00	0.00	0.00	451.10	30800.00	476.07	0.00	477.18	18.10	8.95	4421.55	7238.59
565.000	52.00	0.00	0.00	451.10	48390.00	480.20	0.00	481.87	22.79	11.24	5720.37	10135.29
1400.000	835.00	0.00	0.00	451.30	14315.00	472.45	0.00	475.90	9.81	5.80	3499.70	4571.51
1400.000	835.00	0.00	0.00	451.30	24910.00	476.09	0.00	476.83	13.69	7.69	4420.87	6733.20
1400.000	835.00	0.00	0.00	451.30	30800.00	477.75	0.00	478.62	15.27	8.51	5654.12	7881.32
1400.000	835.00	0.00	0.00	451.30	48390.00	482.50	0.00	483.60	16.65	9.99	8009.49	11859.94
2700.000	1300.00	0.00	0.00	450.80	14315.00	473.68	0.00	474.11	8.74	5.63	3551.49	4840.77
2700.000	1300.00	0.00	0.00	450.80	24910.00	477.82	0.00	478.44	10.93	7.13	5607.14	7533.33
2700.000	1300.00	0.00	0.00	450.80	30800.00	479.69	0.00	480.38	11.62	7.71	6633.17	9036.63
2700.000	1300.00	0.00	0.00	450.80	48390.00	484.69	0.00	485.48	11.98	8.80	9687.24	13978.70
4070.000	1370.00	0.00	0.00	451.90	14315.00	474.93	0.00	475.35	19.36	5.76	3661.87	4678.86
4070.000	1370.00	0.00	0.00	451.90	24910.00	479.36	0.00	479.96	11.18	7.21	5471.66	7448.38
4070.000	1370.00	0.00	0.00	451.90	30800.00	481.30	0.00	481.99	11.95	7.85	6330.78	8911.01
4070.000	1370.00	0.00	0.00	451.90	48390.00	486.35	0.00	487.23	13.07	9.24	8763.67	13383.61
5835.000	1765.00	0.00	0.00	454.10	14315.00	476.51	0.00	476.93	18.90	5.84	3490.83	4797.45
5835.000	1765.00	0.00	0.00	454.10	24910.00	481.25	0.00	481.89	11.06	7.46	5222.74	7491.93
5835.000	1765.00	0.00	0.00	454.10	30800.00	483.32	0.00	484.05	11.83	8.13	6108.67	8955.17
5835.000	1765.00	0.00	0.00	454.10	48390.00	488.56	0.00	489.50	13.12	9.60	8513.38	13359.89
8120.000	2285.00	0.00	0.00	453.60	14315.00	478.39	0.00	478.73	6.85	5.25	4403.64	5471.36
8120.000	2285.00	0.00	0.00	453.60	24910.00	483.57	0.00	483.98	7.43	6.26	6902.50	9138.40
8120.000	2285.00	0.00	0.00	453.60	30800.00	485.81	0.00	486.26	7.72	6.72	8077.87	11087.91
8120.000	2285.00	0.00	0.00	453.60	48390.00	491.36	0.00	491.91	8.18	7.74	11321.91	16916.61
9900.000	1780.00	0.00	0.00	454.80	14315.00	479.64	0.00	479.99	7.29	5.27	4063.22	5300.92
9900.000	1780.00	0.00	0.00	454.80	24910.00	484.86	0.00	485.30	7.34	6.15	6583.28	9192.51
9900.000	1780.00	0.00	0.00	454.80	30800.00	487.16	0.00	487.61	7.42	6.54	7846.80	11304.85
9900.000	1780.00	0.00	0.00	454.80	48390.00	492.78	0.00	493.29	7.39	7.37	11426.47	17796.41
10585.000	685.00	0.00	0.00	455.00	14315.00	480.11	0.00	480.51	7.53	5.41	3486.90	5216.14
10585.000	685.00	0.00	0.00	455.00	24910.00	485.32	0.00	485.91	8.94	6.83	5101.65	6328.89
10585.000	685.00	0.00	0.00	455.00	30800.00	487.62	0.00	488.16	8.07	6.86	7368.69	10840.70
10585.000	685.00	0.00	0.00	455.00	48390.00	493.25	0.00	493.82	7.82	7.61	11390.43	17305.01
10635.000	50.00	0.00	0.00	455.10	14315.00	480.37	0.00	480.58	15.66	3.66	3907.32	6018.56
10635.000	50.00	0.00	0.00	455.10	24910.00	485.66	0.00	485.94	15.86	4.61	5398.46	10290.85
10635.000	50.00	0.00	0.00	455.10	30800.00	487.89	0.00	488.23	15.39	4.78	7754.19	13266.02
10635.000	50.00	0.00	0.00	455.10	48390.00	493.49	0.00	493.89	15.12	5.44	12051.57	21391.94

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10K*S	VCH	AREA	*01K
10664.000	29.00	488.20	483.00	455.10	14315.00	480.38	0.00	480.59	5.64	3.66	3911.00	6027.97
10664.000	29.00	488.20	483.00	455.10	24910.00	486.03	0.00	486.35	5.50	4.53	5504.11	10622.92
10664.000	29.00	488.20	483.00	455.10	30800.00	488.60	0.00	488.91	4.73	4.58	3254.58	14156.93
10664.000	29.00	488.20	483.00	455.10	48390.00	494.11	0.00	494.48	4.64	5.26	13582.97	22458.09
10714.000	50.00	0.00	0.00	455.00	14315.00	480.31	0.00	480.70	7.25	5.34	3615.29	5314.71
10714.000	50.00	0.00	0.00	455.00	24910.00	485.75	0.00	486.06	7.85	6.50	5627.81	8892.19
10714.000	50.00	0.00	0.00	455.00	30800.00	488.53	0.00	489.00	7.00	6.52	7449.71	11641.36
10714.000	50.00	0.00	0.00	455.00	48390.00	494.05	0.00	494.57	6.99	7.30	12020.10	18305.22
11520.000	806.00	0.00	0.00	455.90	13650.00	480.95	0.00	481.27	6.68	5.38	4329.51	5180.83
11520.000	806.00	0.00	0.00	455.90	23790.00	486.76	0.00	487.02	5.17	5.49	8402.98	10465.10
11520.000	806.00	0.00	0.00	455.90	29425.00	489.26	0.00	489.51	4.82	5.59	10240.57	13399.77
11520.000	806.00	0.00	0.00	455.90	46275.00	494.80	0.00	495.07	4.67	6.13	14668.59	21415.38
13230.000	1710.00	0.00	0.00	457.30	13650.00	482.04	0.00	482.41	6.32	5.50	3512.67	5431.72
13230.000	1710.00	0.00	0.00	457.30	23790.00	487.66	0.00	488.17	7.29	6.81	5486.91	8811.15
13230.000	1710.00	0.00	0.00	457.30	29425.00	490.09	0.00	490.68	7.73	7.40	6378.40	10580.98
13230.000	1710.00	0.00	0.00	457.30	46275.00	495.38	0.00	496.38	9.16	8.97	8643.27	15286.04
15630.000	2400.00	0.00	0.00	458.60	13650.00	483.47	0.00	483.78	5.08	5.04	4161.31	6055.68
15630.000	2400.00	0.00	0.00	458.60	23790.00	489.32	0.00	489.72	5.61	6.12	6743.66	10047.71
15630.000	2400.00	0.00	0.00	458.60	29425.00	491.86	0.00	492.30	5.75	6.54	8131.83	12270.64
15630.000	2400.00	0.00	0.00	458.60	46275.00	497.70	0.00	498.21	6.14	7.55	11975.78	18667.51
16220.000	990.00	0.00	0.00	457.80	13650.00	484.03	0.00	484.23	3.83	4.45	5976.21	6978.89
16220.000	990.00	0.00	0.00	457.80	23790.00	489.99	0.00	490.19	3.56	4.96	9790.34	12703.05
16220.000	990.00	0.00	0.00	457.80	29425.00	492.56	0.00	492.78	3.55	5.22	11546.48	15608.84
16220.000	990.00	0.00	0.00	457.80	46275.00	498.46	0.00	498.73	3.78	6.00	15840.33	23793.63
17230.000	610.00	0.00	0.00	456.80	13650.00	484.28	0.00	484.52	4.86	4.87	5305.88	6192.95
17230.000	610.00	0.00	0.00	456.80	23790.00	490.22	0.00	490.47	4.59	5.43	8846.49	11103.23
17230.000	610.00	0.00	0.00	456.80	29425.00	492.80	0.00	493.05	4.53	5.68	10626.70	13824.59
17230.000	610.00	0.00	0.00	456.80	46275.00	498.73	0.00	499.01	4.56	6.34	15493.25	21676.64
18690.000	1460.00	0.00	0.00	458.20	13650.00	484.96	0.00	485.15	3.78	4.52	5549.11	7017.32
18690.000	1460.00	0.00	0.00	458.20	23790.00	490.86	0.00	491.09	3.82	5.21	8708.76	12167.97
18690.000	1460.00	0.00	0.00	458.20	29425.00	493.42	0.00	493.66	3.87	5.52	10285.43	14937.06
18690.000	1460.00	0.00	0.00	458.20	46275.00	499.35	0.00	499.63	4.07	6.29	14617.34	22951.41
19300.000	610.00	0.00	0.00	458.20	13650.00	485.15	0.00	485.51	6.28	5.57	3827.45	5447.78
19300.000	610.00	0.00	0.00	458.20	23790.00	491.05	0.00	491.44	6.04	6.30	6640.25	9680.79
19300.000	610.00	0.00	0.00	458.20	29425.00	493.61	0.00	494.02	5.91	6.58	8110.21	12102.94
19300.000	610.00	0.00	0.00	458.20	46275.00	499.55	0.00	499.99	5.78	7.27	11977.50	19244.84
19850.000	550.00	0.00	0.00	458.20	13650.00	485.52	0.00	485.86	6.16	5.36	3805.57	5499.98
19850.000	550.00	0.00	0.00	458.20	23790.00	491.37	0.00	491.80	6.49	6.34	5851.52	9340.42
19850.000	550.00	0.00	0.00	458.20	29425.00	493.92	0.00	494.39	6.67	6.79	6846.60	11393.59
19850.000	550.00	0.00	0.00	458.20	46275.00	499.81	0.00	500.41	7.32	7.94	9411.26	17107.93
20937.000	1087.00	0.00	0.00	458.10	13620.00	486.17	0.00	486.50	5.80	5.03	3563.10	5654.61
20937.000	1087.00	0.00	0.00	458.10	23735.00	492.04	0.00	492.54	6.78	6.32	5124.79	9113.72
20937.000	1087.00	0.00	0.00	458.10	29360.00	494.60	0.00	495.18	7.30	6.93	5851.04	10869.27
20937.000	1087.00	0.00	0.00	458.10	46180.00	500.52	0.00	501.36	8.86	8.56	7596.40	15515.02

SECNO XLCH ELTRD ELLC ELMIN 0 CKSEL CRIAS EG 10KAS VCH AREA .01K

20987.000	50.00	0.00	0.00	458.10	13620.00	486.33	0.00	486.56	5.95	3.85	3675.47	5581.46
20987.000	50.00	0.00	0.00	458.10	23735.00	492.30	0.00	492.61	5.79	4.54	5726.04	9862.55
20987.000	50.00	0.00	0.00	458.10	29360.00	494.92	0.00	495.26	5.58	4.82	6880.52	12431.27
20987.000	50.00	0.00	0.00	458.10	46180.00	501.07	0.00	501.48	5.25	5.52	10283.83	20154.48
21013.000	26.00	499.70	496.90	458.10	13620.00	486.36	0.00	486.59	6.13	3.90	3491.73	5501.12
21013.000	26.00	499.70	496.90	458.10	23735.00	492.33	0.00	492.69	6.53	4.79	4950.30	9284.75
21013.000	26.00	499.70	496.90	458.10	29360.00	494.96	0.00	495.38	6.62	5.22	5629.10	11407.95
21013.000	26.00	499.70	496.90	458.10	46180.00	501.67	0.00	502.06	4.81	5.36	10672.51	21061.40
21063.000	50.00	0.00	0.00	458.10	13620.00	486.33	0.00	486.66	5.64	4.98	3602.97	5734.87
21063.000	50.00	0.00	0.00	458.10	23735.00	492.29	0.00	492.77	6.54	6.24	5194.33	9276.60
21063.000	50.00	0.00	0.00	458.10	29360.00	494.91	0.00	495.47	7.00	6.83	5942.86	11085.29
21063.000	50.00	0.00	0.00	458.10	46180.00	501.47	0.00	502.25	8.00	8.27	7877.86	16331.86

BIG ALAMANCE CR

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CASEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
197000.000	23315.00	470.36	0.00	0.00	2.36	1251.51	0.00
197000.000	33910.00	473.19	2.83	0.00	5.19	1302.37	0.00
197000.000	39800.00	474.41	1.22	0.00	6.41	1324.38	0.00
197000.000	57390.00	477.69	3.28	0.00	9.69	1372.72	0.00
197005.000	23315.00	470.37	0.00	0.01	0.00	1251.60	5.00
197005.000	33910.00	473.19	2.83	0.01	0.00	1302.46	5.00
197005.000	39800.00	474.42	1.22	0.01	0.00	1324.47	5.00
197005.000	57390.00	477.70	3.28	0.01	0.00	1372.79	5.00
197015.000	23315.00	470.38	0.00	0.01	0.00	1251.80	10.00
197015.000	33910.00	473.20	2.83	0.01	0.00	1302.65	10.00
197015.000	39800.00	474.43	1.22	0.01	0.00	1324.67	10.00
197015.000	57390.00	477.71	3.28	0.01	0.00	1372.94	10.00
197025.000	23315.00	470.39	0.00	0.01	0.00	1252.00	10.00
197025.000	33910.00	473.22	2.83	0.01	0.00	1302.66	10.00
197025.000	39800.00	474.44	1.22	0.01	0.00	1324.88	10.00
197025.000	57390.00	477.72	3.28	0.01	0.00	1373.10	10.00
197040.000	23315.00	470.41	0.00	0.02	0.00	1252.30	15.00
197040.000	33910.00	473.23	2.83	0.02	0.00	1303.17	15.00
197040.000	39800.00	474.46	1.22	0.02	0.00	1325.19	15.00
197040.000	57390.00	477.74	3.28	0.02	0.00	1373.33	15.00
197060.000	23315.00	470.43	0.00	0.02	0.00	1252.70	20.00
197060.000	33910.00	473.26	2.83	0.02	0.00	1303.57	20.00
197060.000	39800.00	474.48	1.22	0.02	0.00	1325.60	20.00
197060.000	57390.00	477.76	3.28	0.02	0.00	1373.63	20.00
197085.000	23315.00	470.46	0.00	0.03	0.00	1253.19	25.00
197085.000	33910.00	473.29	2.83	0.03	0.00	1304.08	25.00
197085.000	39800.00	474.51	1.22	0.03	0.00	1326.11	25.00
197085.000	57390.00	477.79	3.28	0.03	0.00	1374.02	25.00
197160.000	23315.00	470.54	0.00	0.08	0.00	1254.59	75.00
197160.000	33910.00	473.37	2.83	0.09	0.00	1305.59	75.00
197160.000	39800.00	474.60	1.22	0.09	0.00	1327.63	75.00
197160.000	57390.00	477.87	3.28	0.08	0.00	1375.09	75.00
1.000	14315.00	471.00	0.00	0.46	0.00	458.51	400.00
1.000	24910.00	473.68	2.69	0.31	0.00	583.13	400.00
1.000	30800.00	474.86	1.17	0.26	0.00	598.54	400.00
1.000	48390.00	477.97	3.11	0.10	0.00	639.46	400.00
200.000	14315.00	471.13	0.00	0.13	0.00	424.50	200.00
200.000	24910.00	473.89	2.76	0.21	0.00	532.08	200.00
200.000	30800.00	475.10	1.21	0.24	0.00	587.12	200.00
200.000	48390.00	478.29	3.19	0.32	0.00	629.15	200.00
438.000	14315.00	471.36	0.00	.25	0.00	321.63	238.00
438.000	24910.00	474.28	2.89	0.38	2.89	327.68	238.00
438.000	30800.00	475.53	1.25	0.43	4.14	350.00	238.00
438.000	48390.00	478.70	3.17	0.41	7.32	350.00	238.00

SECCO Q CWSL DIFWSP DIFWSX DIFKWS TOPWID XLCH

488.000	14315.00	471.62	0.00	0.24	0.00	211.47	50.00
488.000	24910.00	474.64	3.03	0.37	3.03	230.86	50.00
488.000	30800.00	475.95	1.31	0.43	4.33	239.24	50.00
488.000	48390.00	479.25	3.30	0.55	7.63	253.00	50.00
513.000	14315.00	471.66	0.00	0.05	0.00	211.76	25.00
513.000	24910.00	474.74	3.08	0.10	3.08	231.50	25.00
513.000	30800.00	476.09	1.34	0.14	4.42	240.11	25.00
513.000	48390.00	480.22	4.13	0.96	8.55	253.00	25.00
565.000	14315.00	471.66	0.00	-0.01	0.00	281.66	52.00
565.000	24910.00	474.73	3.07	-0.01	3.07	315.00	52.00
565.000	30800.00	476.07	1.34	-0.01	4.42	315.00	52.00
565.000	48390.00	480.20	4.12	-0.02	8.54	315.00	52.00
1400.000	14315.00	472.45	0.00	0.79	0.00	369.03	835.00
1400.000	24910.00	476.09	3.65	1.36	3.65	430.24	835.00
1400.000	30800.00	477.75	1.65	1.67	5.30	457.89	835.00
1400.000	48390.00	482.20	4.76	2.31	10.06	529.05	835.00
2700.000	14315.00	473.68	0.00	1.23	0.00	433.70	1300.00
2700.000	24910.00	477.82	4.15	1.73	4.15	535.16	1300.00
2700.000	30800.00	479.69	1.87	1.94	6.01	565.01	1300.00
2700.000	48390.00	484.69	5.00	2.18	11.01	657.50	1300.00
4070.000	14315.00	474.93	0.00	1.25	0.00	379.37	1370.00
4070.000	24910.00	479.36	4.43	1.53	4.43	431.34	1370.00
4070.000	30800.00	481.30	1.95	1.62	6.38	458.24	1370.00
4070.000	48390.00	486.55	5.05	1.66	11.43	515.27	1370.00
5835.000	14315.00	476.51	0.00	1.58	0.00	297.64	1765.00
5835.000	24910.00	481.25	4.74	1.89	4.74	416.25	1765.00
5835.000	30800.00	483.32	2.07	2.02	6.81	434.99	1765.00
5835.000	48390.00	488.56	5.24	2.21	12.05	485.63	1765.00
8120.000	14315.00	478.39	0.00	1.88	0.00	454.59	2285.00
8120.000	24910.00	483.57	5.17	2.32	5.17	511.30	2285.00
8120.000	30800.00	485.81	2.24	2.49	7.41	540.65	2285.00
8120.000	48390.00	491.36	5.55	2.80	12.97	627.94	2285.00
9900.000	14315.00	479.64	0.00	1.25	0.00	430.92	1780.00
9900.000	24910.00	484.88	5.24	1.31	5.24	531.82	1780.00
9900.000	30800.00	487.16	2.26	1.35	7.52	576.01	1780.00
9900.000	48390.00	492.78	5.62	1.42	13.14	697.72	1780.00
10585.000	14315.00	480.11	0.00	0.47	0.00	310.00	685.00
10585.000	24910.00	485.32	5.21	0.44	5.21	310.00	685.00
10585.000	30800.00	487.62	2.31	0.47	7.51	629.67	685.00
10585.000	48390.00	493.25	5.62	0.47	13.14	773.55	685.00
10635.000	14315.00	480.37	0.00	0.26	0.00	282.00	50.00
10635.000	24910.00	485.66	5.29	0.35	5.29	282.00	50.00
10635.000	30800.00	487.29	2.23	0.27	7.52	693.73	50.00
10635.000	48390.00	493.49	5.59	0.24	13.12	839.40	50.00

SECNO Q CKSEL DIFWSP DIFWSX DIFKKS TORWID XLCH

10664.000	14315.00	480.38	0.00	0.01	0.00	282.00	29.00
10664.000	24910.00	486.03	5.65	0.37	5.65	282.00	29.00
10664.000	30800.00	488.60	2.57	0.71	8.22	715.43	29.00
10664.000	48390.00	494.11	5.51	0.63	13.73	855.32	29.00
10714.000	14315.00	480.31	0.00	-0.08	0.00	332.09	50.00
10714.000	24910.00	485.95	5.64	-0.09	5.64	360.00	50.00
10714.000	30800.00	488.53	2.58	-0.07	8.22	664.15	50.00
10714.000	48390.00	494.05	5.52	-0.06	13.74	786.87	50.00
11520.000	13650.00	480.95	0.00	0.65	0.00	677.64	806.00
11520.000	23790.00	486.76	5.81	0.82	5.81	725.88	806.00
11520.000	29425.00	489.26	2.49	0.73	8.30	748.32	806.00
11520.000	46275.00	494.80	5.55	0.75	13.85	855.90	806.00
13230.000	13650.00	482.04	0.00	1.08	0.00	309.14	1710.00
13230.000	23790.00	487.66	5.62	0.89	5.62	356.19	1710.00
13230.000	29425.00	490.09	2.43	0.83	8.05	376.37	1710.00
13230.000	46275.00	495.58	5.49	0.77	13.54	480.53	1710.00
15630.000	13650.00	483.47	0.00	1.43	0.00	361.06	2400.00
15630.000	23790.00	489.32	5.85	1.66	5.85	514.61	2400.00
15630.000	29425.00	491.86	2.54	1.77	8.39	579.72	2400.00
15630.000	46275.00	497.70	5.84	2.12	14.23	737.65	2400.00
16620.000	13650.00	484.03	0.00	0.56	0.00	606.34	990.00
16620.000	23790.00	489.99	5.36	0.67	5.96	669.86	990.00
16620.000	29425.00	492.56	2.57	0.70	8.53	695.58	990.00
16620.000	46275.00	498.46	5.91	0.77	14.43	761.56	990.00
17230.000	13650.00	484.28	0.00	0.25	0.00	535.26	610.00
17230.000	23790.00	490.22	5.94	0.24	5.94	656.09	610.00
17230.000	29425.00	492.80	2.57	0.24	8.52	727.25	610.00
17230.000	46275.00	498.75	5.93	0.26	14.45	922.98	610.00
18690.000	13650.00	484.96	0.00	0.68	0.00	499.63	1460.00
18690.000	23790.00	490.86	5.90	0.64	5.90	579.82	1460.00
18690.000	29425.00	493.42	2.56	0.63	8.47	650.40	1460.00
18690.000	46275.00	499.35	5.93	0.62	14.39	813.38	1460.00
19300.000	13650.00	485.15	0.00	0.19	0.00	427.37	610.00
19300.000	23790.00	491.05	5.90	0.19	5.90	536.31	610.00
19300.000	29425.00	493.61	2.57	0.19	8.47	609.04	610.00
19300.000	46275.00	499.55	5.94	0.20	14.41	668.05	610.00
19850.000	13650.00	485.52	0.00	0.37	0.00	328.55	550.00
19850.000	23790.00	491.37	5.85	0.33	5.85	375.58	550.00
19850.000	29425.00	493.92	2.55	0.31	8.40	405.79	550.00
19850.000	46275.00	499.81	5.89	0.26	14.29	461.30	550.00
20937.000	13620.00	486.17	0.00	0.65	0.00	259.30	1087.00
20937.000	23735.00	492.04	5.87	0.67	5.87	278.09	1087.00
20937.000	29360.00	494.60	2.56	0.68	8.43	291.66	1087.00
20937.000	46180.00	500.52	5.82	0.71	14.35	298.00	1087.00

SECNO	Q	CWSEL	OIFWSP	OIFWSX	OIFKWS	TOPKIO	KLCH
20987.000	13620.00	486.33	0.00	0.16	0.00	298.45	50.00
20987.000	23735.00	492.30	5.97	0.26	5.97	406.59	50.00
20987.000	29360.00	494.92	2.62	0.32	8.59	474.35	50.00
20987.000	46180.00	501.07	6.14	0.55	14.74	633.97	50.00
21013.000	13620.00	486.36	0.00	0.03	0.00	236.61	26.00
21013.000	23735.00	492.33	5.98	0.03	5.98	256.59	26.00
21013.000	29360.00	494.96	2.62	0.03	8.60	259.00	26.00
21013.000	46180.00	501.67	6.72	0.61	15.32	649.95	26.00
21063.000	13620.00	486.33	0.00	-0.03	0.00	259.56	50.00
21063.000	23735.00	492.29	5.96	-0.04	5.96	279.38	50.00
21063.000	29360.00	494.91	2.61	-0.05	8.58	293.76	50.00
21063.000	46180.00	501.47	6.56	-0.21	15.14	295.00	50.00

SUMMARY OF ERRORS

FLOOD INSURANCE ZONE DATA FOR BIG ALAIVANCE CR

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND I	10 ²	2 ^x	0.2 ^x
197000.000	0.	-4.05	-1.22	3.28	
197005.000	5.	-4.05	-1.22	3.28	
197015.000	15.	-4.05	-1.22	3.28	
197025.000	25.	-4.05	-1.22	3.28	
197040.000	40.	-4.05	-1.22	3.28	
197060.000	60.	-4.05	-1.22	3.28	
197085.000	85.	-4.05	-1.22	3.28	
197160.000	160.	-4.05	-1.22	3.28	
1.000	560.	-3.86	-1.17	3.11	
200.000	760.	-3.97	-1.21	3.19	
438.000	998.	-4.14	-1.25	3.17	
488.000	1048.	-4.33	-1.31	3.30	
515.000	1073.	-4.42	-1.34	4.13	
565.000	1125.	-4.42	-1.34	4.12	
1400.000	1960.	-3.50	-1.65	4.76	
2700.000	3260.	-6.01	-1.87	5.00	
4070.000	4630.	-6.38	-1.95	5.05	
5835.000	6395.	-6.81	-2.07	5.24	
8120.000	8680.	-7.41	-2.24	5.55	
9900.000	10480.	-7.52	-2.28	5.62	
10585.000	11145.	-7.51	-2.31	5.62	
10635.000	11195.	-7.52	-2.23	5.59	
10664.000	11224.	-8.22	-2.57	5.51	
10714.000	11274.	-8.22	-2.58	5.52	
11520.000	12080.	-8.30	-2.49	5.55	
13230.000	13790.	-8.05	-2.43	5.49	
15630.000	16190.	-8.39	-2.54	5.84	
16630.000	17180.	-8.53	-2.57	5.91	
17230.000	17790.	-8.52	-2.57	5.93	
18690.000	19250.	-8.47	-2.56	5.93	
19300.000	19060.	-8.47	-2.57	5.94	
19850.000	20410.	-8.40	-2.55	5.89	
20937.000	21497.	-8.43	-2.56	5.92	
20987.000	21547.	-8.59	-2.62	6.14	
21013.000	21573.	-8.60	-2.62	6.72	
21063.000	21623.	-8.58	-2.61	6.56	

WEIGHTED AVG FOR REACH					
		-7.31	-2.22	5.57	

FHF FOR THE REACH = 075 WITH 90.91 OF THE REACH WITHIN 2.0 FEET
 ZONE FOR THE REACH = A15

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

STOP
EOF..

X1	1.000	18.000	1107.000	1217.000	600.000	250.000	400.000	0.000	-1.100	0.000
GR	486.700	1000.000	473.600	1023.000	474.600	1051.000	464.100	1073.000	464.000	1100.000
GR	461.300	1107.000	455.300	1110.000	450.700	1130.000	450.700	1162.000	451.400	1213.000
GR	461.700	1217.000	466.300	1227.000	467.000	1300.000	468.400	1400.000	471.700	1500.000
GR	474.900	1600.000	483.200	1700.000	489.800	1788.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1050.000	1550.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SURVEYED SECTION

X1	200.000	0.000	0.000	0.000	220.000	100.000	200.000	0.000	1.100	0.000
NC	0.000	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.100	0.000	0.000	9.100	9.100	9.100	9.100	1030.000	1380.000

X1	438.000	0.000	0.000	0.000	238.000	238.000	238.000	0.000	0.300	0.000
ET	0.000	3.100	1375.000	1628.000	0.000	0.000	0.000	0.000	0.000	0.000

<-BRIDGE C R 2116

X1	488.000	10.000	1375.000	1628.000	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	481.800	481.800	0.000
GR	496.000	1200.000	481.500	1300.000	478.100	1375.000	451.100	1461.000	451.100	1541.000
GR	478.100	1628.000	479.800	1800.000	487.600	1900.000	486.900	2000.000	492.100	2100.000
SR	1.250	1.190	2.500	0.000	60.000	9.000	4245.000	3.200	451.100	451.100
ET	0.000	3.100	1375.000	1628.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	513.000	0.000	0.000	0.000	25.000	25.000	25.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	478.100	481.800	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	481.800	481.800	0.000
BT	10.000	1200.000	496.000	0.000	1300.000	481.800	0.000	1375.000	481.800	0.000
BT	1375.000	481.600	478.100	1628.000	481.800	478.100	1628.000	481.800	0.000	1600.000
BT	482.200	0.000	1900.000	487.600	0.000	2000.000	486.900	0.000	2100.000	482.100
ET	0.000	9.100	0.000	0.000	9.100	9.100	9.100	9.100	1115.000	1430.000

<-SURVEYED SECTION

X1	565.000	17.000	1200.000	1335.000	52.000	52.000	52.000	0.000	0.000	0.000
GR	490.000	1065.000	480.000	1090.000	475.000	1110.000	462.000	1200.000	455.300	1210.000
GR	453.200	1220.000	453.200	1240.000	451.100	1260.000	452.200	1280.000	451.600	1290.000
GR	451.600	1500.000	454.800	1520.000	462.000	1335.000	470.000	1385.000	475.000	1475.000
GR	480.000	1540.000	490.000	1610.000	0.000	0.000	0.000	0.000	0.000	0.000
AC	0.000	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1335.000	1650.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SURVEYED SECTION

X1	1400.000	14.000	1512.000	1622.000	835.000	835.000	835.000	0.000	0.000	0.000
GR	490.700	1100.000	475.700	1200.000	471.800	1300.000	465.700	1400.000	465.700	1500.000
GR	462.000	1512.000	455.400	1517.000	452.400	1537.000	451.300	1562.000	451.600	1587.000
GR	452.600	1612.000	462.900	1622.000	482.000	1700.000	494.800	1750.000	0.000	0.000
ET	0.000	3.100	1475.000	1820.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SURVEYED SECTION

X1	2700.000	19.000	1704.000	1813.000	1300.000	1300.000	1300.000	0.000	0.000	0.000
GR	495.000	1100.000	490.000	1180.000	480.000	1240.000	480.000	1320.000	475.000	1350.000
GR	471.900	1500.000	469.700	1600.000	463.600	1700.000	462.800	1704.000	455.700	1711.000
GR	452.300	1729.000	450.800	1754.000	451.700	1779.000	452.800	1802.000	466.000	1813.000
ET	0.000	3.100	1475.000	1820.000	0.000	0.000	0.000	0.000	0.000	0.000

GR	470.000	1850.000	475.000	1870.000	480.000	1890.000	495.000	1930.000	0.000	0.000
ET	0.000	3.100	1265.000	1610.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SURVEYED SECTION

XI	4070.000	17.000	1456.000	1559.000	1370.000	1370.000	170.000	0.000	0.000	0.000
GR	494.400	1000.000	488.300	1100.000	476.900	1200.000	470.100	467.500	1400.000	0.000
GR	463.200	1456.000	458.500	1461.000	455.100	1486.000	454.900	451.900	1536.000	0.000
GR	456.900	1556.000	463.000	1559.000	471.800	1600.000	471.700	480.000	1610.000	0.000
GR	485.400	1625.000	495.100	1700.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1155.000	1500.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SURVEYED SECTION - TOPO LCB

XI	5835.000	19.000	1284.000	1375.000	1570.000	1860.000	1765.000	0.000	0.000	0.000
GR	500.000	1060.000	490.000	1090.000	485.000	1110.000	480.000	475.000	1145.000	0.000
GR	465.100	1200.000	463.700	1284.000	458.300	1287.000	454.600	454.100	1334.000	0.000
GR	455.100	1359.000	457.600	1371.000	463.000	1375.000	475.000	479.100	1500.000	0.000
GR	480.000	1530.000	485.000	1560.000	490.000	1590.000	500.000	0.000	0.000	0.000
ET	0.000	3.100	1160.000	1505.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SURVEYED SECTION

XI	8120.000	15.000	1259.000	1350.000	2350.000	2170.000	2265.000	0.000	0.000	0.000
GR	504.500	1000.000	478.300	1100.000	471.300	1200.000	468.200	457.400	1261.000	0.000
GR	453.600	1286.000	455.200	1311.000	454.000	1336.000	459.300	453.000	1350.000	0.000
GR	472.000	1400.000	470.800	1500.000	484.800	1600.000	493.200	496.000	1766.000	0.000
NC	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1320.000	1565.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SURVEYED SECTION - TOPO ROB

XI	9900.000	20.000	1546.000	1632.000	1870.000	1630.000	1780.000	0.000	0.000	0.000
GR	499.100	1000.000	494.800	1100.000	487.600	1200.000	472.400	470.900	1400.000	0.000
GR	472.900	1500.000	472.900	1542.000	469.100	1546.000	463.400	458.400	1569.000	0.000
GR	454.800	1590.000	454.800	1615.000	458.900	1638.000	462.100	467.600	1832.000	0.000
GR	472.100	1654.000	475.000	1685.000	480.000	1720.000	490.000	500.000	1880.000	0.000
ET	0.000	3.100	1860.000	2205.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	9.100	9.100	0.000	1875.000	2185.000	0.000

XI	10585.000	19.000	1977.000	2086.000	600.000	710.000	685.000	0.000	0.000	0.000
GR	500.000	1610.000	490.000	1695.000	480.000	1770.000	480.000	475.000	1880.000	0.000
GR	469.300	1977.000	465.000	1980.000	458.800	1985.000	456.000	455.000	2039.000	0.000
GR	458.700	2057.000	469.600	2086.000	472.000	2100.000	475.000	480.000	2185.000	0.000
GR	485.000	2300.000	490.000	2415.000	495.000	2455.000	500.000	0.000	0.000	0.000
ET	0.000	3.110	1865.000	2210.000	0.000	0.000	0.000	0.000	0.000	0.000

<-BRIDGE NC 87

X1	10635.000	13.000	1873.000	2155.000	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	486.000	486.000	0.000
GR	495.400	1600.000	487.500	1700.000	485.200	1800.000	476.400	472.700	1919.000	0.000
GR	455.100	1995.000	455.100	2031.000	475.000	2121.000	475.400	480.000	2300.000	0.000
GR	484.700	2300.000	488.100	2400.000	496.400	2500.000	0.000	0.000	0.000	0.000
SB	0.950	1.210	2.500	0.000	35.000	11.200	4113.000	4.430	455.100	0.000
ET	0.000	3.110	1865.000	2210.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	10664.000	0.000	0.000	0.000	29.000	29.000	29.000	0.000	0.000	0.000
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GR	477.800	2400.000	475.800	2500.000	463.400	2885.000	499.300	2589.000	456.800	2610.000
GR	458.400	2635.000	457.500	2646.000	466.900	2652.000	479.400	2700.000	497.100	2800.000
NC	0.080	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1530.000	1970.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SURVEYED SECTION - NON EFFECTIVE FLO LOB

X1	18690.000	15.000	1655.000	1721.000	1410.000	1500.000	1460.000	0.000	0.000	0.000
GR	500.000	1260.000	495.000	1365.000	490.000	1470.000	482.100	1500.000	478.900	1600.000
GR	461.900	1655.000	459.500	1657.000	458.200	1680.000	458.900	1705.000	460.400	1717.000
GR	462.500	1721.000	474.700	1800.000	476.700	1900.000	486.000	2000.000	501.300	2100.000
ET	0.000	3.100	1190.000	1580.000	0.000	0.000	0.000	0.000	0.000	0.000

<-TOPO SECTION

X1	19300.000	15.000	1363.000	1456.000	610.000	610.000	610.000	0.000	0.000	0.000
GR	500.000	1000.000	495.000	1000.000	490.000	1120.000	485.000	1180.000	480.000	1300.000
GR	475.000	1340.000	465.500	1383.000	458.200	1408.000	459.800	1433.000	460.800	1492.000
GR	465.300	1456.000	475.000	1470.000	480.000	1510.000	485.000	1605.000	500.000	1670.000
ET	0.000	3.100	1335.000	1660.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SURVEYED SECTION - NON EFFECTIVE FLO LOB

X1	18850.000	15.000	1541.000	1618.000	550.000	550.000	550.000	0.000	0.000	0.000
GR	500.000	1230.000	495.000	1265.000	490.000	1315.000	481.200	1359.000	475.100	1400.000
GR	477.000	1500.000	469.100	1541.000	463.400	1544.000	458.200	1566.000	460.100	1591.000
GR	461.000	1612.000	468.600	1618.000	475.000	1635.000	485.000	1665.000	503.800	1700.000
ET	7.000	29360.000	29360.000	13620.000	29360.000	25735.000	29360.000	46100.000	0.000	0.000
ET	0.000	3.100	2890.000	3185.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	9.100	9.100	9.100	9.100	2890.000	3185.000

<-TOPO SECTION - SURVEYED CHANNEL

X1	20937.000	17.000	3003.000	3100.000	1020.000	1100.000	1087.000	0.000	0.000	0.000
GR	505.000	2500.000	500.000	2605.000	490.000	2810.000	485.000	2866.000	480.000	2913.000
GR	477.000	2958.000	475.400	3003.000	464.700	3023.000	461.500	3026.000	458.100	3043.000
GR	460.300	3083.000	472.000	3100.000	482.500	3143.000	489.500	3155.000	492.800	3172.000
GR	501.700	3220.000	505.000	3260.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	2513.000	3172.000	0.000	0.000	0.000	0.000	0.000	0.000

<-BRIDGE C R 2309

X1	20987.000	17.000	2913.000	3172.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	505.000	2500.000	500.000	2605.000	490.000	2810.000	485.000	2866.000	480.000	2913.000
GR	477.000	2958.000	475.400	3003.000	464.700	3023.000	461.500	3026.000	458.100	3043.000
GR	460.300	3083.000	472.000	3100.000	482.500	3143.000	489.500	3155.000	492.800	3172.000
GR	501.700	3220.000	505.000	3260.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	498.000	498.000	0.000
SB	1.250	1.190	2.500	0.000	52.000	8.000	5646.000	2.700	458.100	458.100
ET	0.000	3.100	2913.000	3172.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	21013.000	0.000	0.000	0.000	26.000	26.000	26.000	0.000	0.000	0.000
X2	10.000	0.000	1.000	496.900	499.700	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	499.700	500.600	0.000
BT	8.000	2500.000	505.000	0.000	2605.000	499.700	0.000	2913.000	499.700	0.000
BT	2913.000	499.700	495.900	3172.000	500.600	496.900	3172.000	500.600	0.000	3220.000
BT	501.700	0.000	3260.000	505.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	2890.000	3165.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	9.100	9.100	9.100	9.100	2890.000	3165.000

X1	21063.000	17.000	3003.000	3100.000	50.000	50.000	50.000	0.000	0.000	0.000	0.000
GR	505.000	2500.000	500.000	2605.000	490.000	2810.000	485.000	2865.000	480.000	2511.000	2511.000
GR	477.000	2958.000	475.400	3003.000	464.700	3023.000	461.500	3025.000	458.100	3041.000	3041.000
GR	460.300	3083.000	472.000	3100.000	482.500	3143.000	489.500	3155.000	492.800	3172.000	3172.000
GR	501.700	3220.000	505.000	3260.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
FEJ	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50751,52753

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

BIG ALAMANCE CR
 SUMMARY PRINTOUT

SECNO	CWSEL	FG	ELLC.	ELMIN	10KAS	0
197000.000	474.01	474.96	0.00	447.90	10.19	39800.00
197000.000	474.41	474.96	0.00	447.90	10.19	39800.00
197005.000	474.42	474.96	0.00	447.90	10.17	39800.00
197005.000	474.42	474.96	0.00	447.90	10.17	39800.00
197015.000	474.43	474.98	0.00	447.90	10.15	39800.00
197015.000	474.43	474.98	0.00	447.90	10.15	39800.00
197025.000	474.44	474.99	0.00	447.90	10.12	39800.00
197025.000	474.44	474.99	0.00	447.90	10.12	39800.00
197040.000	474.46	475.00	0.00	447.90	10.08	39800.00
197040.000	474.46	475.00	0.00	447.90	10.08	39800.00
197060.000	474.48	475.02	0.00	447.90	10.02	39800.00
197060.000	474.48	475.02	0.00	447.90	10.02	39800.00
197085.000	474.51	475.05	0.00	447.90	9.95	39800.00
197085.000	474.51	475.05	0.00	447.90	9.95	39800.00
197160.000	474.60	475.12	0.00	447.90	9.75	39800.00
197160.000	474.60	475.12	0.00	447.90	9.75	39800.00
1.000	474.86	475.76	0.00	449.60	16.56	30800.00
1.000	474.85	475.79	0.00	449.60	17.18	30800.00
200.000	475.10	476.16	0.00	450.70	20.43	30800.00
200.000	475.10	476.19	0.00	450.70	20.51	30800.00
438.000	475.53	476.73	0.00	451.00	21.58	30800.00
438.000	475.53	476.74	0.00	451.00	21.56	30800.00
488.000	475.95	476.89	0.00	451.10	20.35	30800.00
488.000	475.96	476.89	0.00	451.10	20.33	30800.00
513.000	476.09	477.01	478.10	451.10	19.91	30800.00
513.000	476.09	477.01	478.10	451.10	19.89	30800.00

SECNO	CWSEL	EG	ELLC	ELMIN	10K*5	G
565.000	476.07	477.18	0.00	451.10	18.10	30800.00
565.000	476.06	477.19	0.00	451.10	18.08	30800.00
1400.000	477.75	478.62	0.00	451.30	15.27	30800.00
1400.000	477.71	478.64	0.00	451.30	15.94	30800.00
2700.000	479.69	480.38	0.00	450.80	11.62	30800.00
2700.000	479.69	480.57	0.00	450.80	13.64	30800.00
4070.000	481.30	481.99	0.00	451.90	11.95	30800.00
4070.000	481.63	482.35	0.00	451.90	12.05	30800.00
5835.000	483.32	484.05	0.00	454.10	11.83	30800.00
5835.000	483.67	484.42	0.00	454.10	11.86	30800.00
8120.000	485.81	486.26	0.00	453.60	7.72	30800.00
8120.000	486.20	486.76	0.00	453.60	8.69	30800.00
9900.000	487.16	487.61	0.00	454.80	7.42	30800.00
9900.000	487.72	488.27	0.00	454.80	8.16	30800.00
10585.000	487.62	488.15	0.00	455.00	8.07	30800.00
10585.000	488.24	488.84	0.00	455.00	8.41	30800.00
10635.000	487.89	488.23	0.00	455.10	5.39	30800.00
10635.000	488.57	488.92	0.00	455.10	5.28	30800.00
10664.000	488.60	488.91	483.00	455.10	4.73	30800.00
10664.000	489.20	489.53	483.00	455.10	4.79	30800.00
10714.000	488.53	489.00	0.00	455.00	7.00	30800.00
10714.000	489.09	489.65	0.00	455.00	7.53	30800.00
11520.000	489.26	489.51	0.00	455.90	4.82	29425.00
11520.000	489.81	490.25	0.00	455.90	6.89	29425.00
13230.000	490.09	490.68	0.00	457.30	7.73	29425.00
13230.000	490.93	491.47	0.00	457.30	6.85	29425.00
15630.000	491.86	492.30	0.00	458.60	5.75	29425.00
15630.000	492.52	492.96	0.00	458.60	5.76	29425.00
16620.000	492.56	492.78	0.00	457.80	3.55	29425.00
16620.000	493.17	493.52	0.00	457.80	4.86	29425.00
17230.000	492.80	493.05	0.00	456.80	4.53	29425.00
17230.000	493.56	493.86	0.00	456.80	4.83	29425.00
18690.000	493.42	493.66	0.00	458.20	3.87	29425.00
18690.000	494.23	494.50	0.00	458.20	3.93	29425.00
19300.000	493.61	494.02	0.00	458.20	5.11	29425.00
19300.000	494.42	494.85	0.00	458.20	5.80	29425.00
19850.000	493.92	494.39	0.00	458.20	6.67	29425.00
19850.000	494.74	495.20	0.00	458.20	6.22	29425.00

SEONO	CWSEL	EG	ELLC	ELMIN	10K+S	G
20937.000	494.60	495.18	0.00	458.10	7.30	29360.00
20937.000	495.37	495.91	0.00	458.10	6.58	29360.00
20987.000	494.92	495.26	0.00	458.10	5.58	29360.00
20987.000	495.57	495.97	0.00	458.10	6.48	29360.00
21013.000	494.96	495.28	496.90	458.10	6.62	29360.00
21013.000	495.61	496.01	496.90	458.10	6.44	29360.00
21063.000	494.91	495.47	0.00	458.10	7.00	29360.00
21063.000	495.56	496.09	0.00	458.10	6.45	29360.00

BIG ALARANCE CR

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
197000.000	474.41	1120.31	2060.00	2241.00	2444.69	1324.38
197000.000	474.41	1120.31	2060.00	2241.00	2444.69	1324.38
197005.000	474.42	1120.26	2060.00	2241.00	2444.74	1324.47
197005.000	474.42	1120.26	2060.00	2241.00	2444.74	1324.47
197015.000	474.43	1120.17	2060.00	2241.00	2444.83	1324.67
197015.000	474.43	1120.17	2060.00	2241.00	2444.83	1324.67
197025.000	474.44	1120.06	2060.00	2241.00	2444.94	1324.88
197025.000	474.44	1120.06	2060.00	2241.00	2444.94	1324.88
197040.000	474.46	1119.91	2060.00	2241.00	2445.09	1325.19
197040.000	474.46	1119.91	2060.00	2241.00	2445.09	1325.19
197060.000	474.48	1119.70	2060.00	2241.00	2445.30	1325.60
197060.000	474.48	1119.70	2060.00	2241.00	2445.30	1325.60
197085.000	474.51	1119.44	2060.00	2241.00	2445.56	1326.11
197085.000	474.51	1119.44	2060.00	2241.00	2445.56	1326.11
197160.000	474.60	1118.68	2060.00	2241.00	2446.32	1327.63
197160.000	474.60	1118.68	2060.00	2241.00	2446.32	1327.63
1.000	474.86	1019.15	1107.00	1217.00	1617.69	598.54
1.000	474.85	1050.00	1107.00	1217.00	1550.00	500.00
200.000	475.10	1020.70	1107.00	1217.00	1607.82	587.12
200.000	475.10	1050.00	1107.00	1217.00	1550.00	500.00
438.000	475.53	1030.00	1107.00	1217.00	1380.00	350.00
438.000	475.53	1030.00	1107.00	1217.00	1380.00	350.00
488.000	475.95	1381.84	1375.00	1628.00	1621.08	239.24
488.000	475.96	1381.82	1375.00	1628.00	1621.10	239.26
513.000	476.09	1381.41	1375.00	1628.00	1621.52	240.11
513.000	476.09	1381.39	1375.00	1628.00	1621.54	240.15
565.000	476.07	1115.00	1200.00	1335.00	1430.00	315.00
565.000	476.08	1115.00	1200.00	1335.00	1430.00	315.00
1400.000	477.75	1224.74	1512.00	1622.00	1682.63	457.89
1400.000	477.71	1315.00	1512.00	1622.00	1660.00	345.00
2700.000	479.69	1323.75	1704.00	1813.00	1888.75	565.01
2700.000	479.69	1475.00	1704.00	1813.00	1820.00	345.00
4070.000	481.30	1161.38	1456.00	1559.00	1613.62	452.24
4070.000	481.63	1265.00	1456.00	1559.00	1610.00	345.00
5835.000	483.32	1115.00	1284.00	1375.00	1549.99	434.99
5835.000	483.67	1155.00	1284.00	1375.00	1500.00	345.00

SEONO	CKSEL	SSTA	SICHL	SICHR	ENDST	TOPRID
8120.000	485.81	1071.35	1259.00	1350.00	1611.99	540.65
8120.000	486.20	1160.00	1259.00	1350.00	1505.00	345.00
9900.000	487.16	1204.82	1546.00	1652.00	1780.83	576.01
9900.000	487.72	1320.00	1546.00	1652.00	1665.00	345.00
10585.000	487.62	1730.66	1977.00	2086.00	2360.73	629.67
10585.000	488.24	1860.00	1977.00	2066.00	2205.00	345.00
10635.000	487.89	1700.22	1873.00	2155.00	2393.94	693.72
10635.000	488.57	1865.00	1873.00	2155.00	2210.00	345.00
10664.000	488.60	1690.63	1873.00	2155.00	2406.06	715.43
10664.000	489.20	1865.00	1873.00	2155.00	2210.00	345.00
10714.000	488.53	1717.05	1977.00	2086.00	2381.20	664.15
10714.000	489.09	1860.00	1977.00	2086.00	2205.00	345.00
11520.000	489.26	1011.68	1189.00	1261.00	1760.00	748.32
11520.000	489.81	1110.00	1189.00	1261.00	1470.00	360.00
13230.000	490.09	1046.69	1281.00	1362.00	1423.26	376.57
13230.000	490.93	1050.00	1281.00	1362.00	1420.00	370.00
15630.000	491.86	1045.22	1170.00	1255.00	1624.95	579.72
15630.000	492.52	1110.00	1170.00	1255.00	1490.00	380.00
16620.000	492.56	1069.77	1519.00	1595.00	1765.35	695.58
16620.000	493.17	1220.00	1519.00	1595.00	1630.00	410.00
17230.000	492.80	2048.44	2585.00	2652.00	2775.69	727.25
17230.000	493.56	2210.00	2585.00	2652.00	2600.00	470.00
18690.000	493.42	1398.11	1655.00	1721.00	2048.52	650.40
18690.000	494.23	1530.00	1655.00	1721.00	1970.00	440.00
19300.000	493.61	1033.29	1383.00	1456.00	1642.32	609.04
19300.000	494.42	1190.00	1383.00	1456.00	1500.00	390.00
19850.000	493.92	1275.81	1541.00	1618.00	1681.60	405.79
19850.000	494.74	1335.00	1541.00	1618.00	1660.00	325.00
20937.000	494.60	2890.00	3003.00	3100.00	3181.66	291.66
20937.000	495.37	2890.00	3003.00	3100.00	3185.00	295.00
20987.000	494.92	2709.10	2913.00	3172.00	3183.45	474.35
20987.000	495.57	2913.00	2913.00	3172.00	3172.00	259.00
21013.000	494.96	2913.00	2913.00	3172.00	3172.00	259.00
21013.000	495.61	2913.00	2913.00	3172.00	3172.00	259.00
21063.000	494.91	2890.00	3003.00	3100.00	3183.36	293.36
21063.000	495.56	2890.00	3003.00	3100.00	3165.00	275.00

SUMMARY OF ERRORS

FLOODWAY DATA, BIG ALAWANCE CREEK
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	
197000.000	1324.	10805.	3.7	474.4	474.4	0.0
197005.000	1324.	10811.	3.7	474.4	474.4	0.0
197015.000	1325.	10826.	3.7	474.4	474.4	0.0
197025.000	1325.	10842.	3.7	474.4	474.4	0.0
197040.000	1325.	10864.	3.7	474.5	474.5	0.0
197060.000	1326.	10894.	3.7	474.5	474.5	0.0
197085.000	1326.	10932.	3.6	474.5	474.5	0.0
197160.000	1328.	11044.	3.6	474.6	474.6	0.0
1.000	500.	5620.	5.5	474.9	474.9	0.0
200.000	500.	5191.	5.5	475.1	475.1	0.0
438.000	350.	4483.	6.9	475.5	475.5	0.0
888.000	239.	3969.	7.8	476.0	476.0	0.0
513.000	240.	4001.	7.7	476.1	476.1	0.0
565.000	315.	4424.	7.0	476.1	476.1	0.0
1400.000	345.	5261.	5.9	477.7	477.7	0.0
2100.000	345.	5414.	5.7	479.7	479.7	0.0
4070.000	345.	5925.	5.2	481.6	481.6	0.3
5835.000	345.	5851.	5.3	483.6	483.6	0.3
8120.000	375.	6797.	4.5	486.2	486.2	0.4
9900.000	345.	6615.	4.7	487.8	487.8	0.6
10585.000	345.	6347.	4.9	488.2	487.6	0.6
10835.000	345.	6795.	4.5	488.6	487.9	0.7
10864.000	345.	7011.	4.4	489.2	488.6	0.6
10714.000	345.	6642.	4.6	489.1	488.5	0.6
11520.000	360.	7008.	4.2	489.8	489.3	0.5
12230.000	370.	6686.	4.4	490.9	490.1	0.8
15630.000	360.	7536.	3.9	492.6	491.9	0.7
16620.000	410.	8784.	3.2	493.2	492.6	0.6
17230.000	470.	9439.	3.1	493.6	492.8	0.8
18690.000	440.	9497.	3.1	494.2	493.4	0.8
19300.000	390.	7420.	4.0	494.4	493.6	0.8
19850.000	325.	6794.	4.3	494.7	493.9	0.8
20937.000	295.	6084.	4.8	495.4	494.6	0.8
20987.000	259.	5789.	5.1	495.5	494.9	0.6
21013.000	259.	5759.	5.1	495.7	495.0	0.7
21063.000	275.	6093.	4.8	495.6	494.9	0.7

1020 1415 Max 580'
 1020 1405 Max 570'

HCC2 RELEASE DATED NOV 76 UPDATED AUG 77
ERROR CORR - 01,02
MODIFICATION - 50,51,52,53

STOP
EOF..

SE0J (SUPPLIED BY COURTESY OF HARRIS)

*****JOB EXITED ON 11 MAY 79 11:52:22 *****

*****CPU TIME= 0MINS 24.22SECS *****

*****CONNECT TIME= 1MINS 35SECS *****