

Donels Creek

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 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77
 ERROR CORR = 01,02
 MODIFICATION = 30,51,52,53

C:
 T1 FPMB - FIS CUMBERLAND CO NC
 T2 10 YR NATURAL
 T3 BONES CR

J1	ICHECK	INO	NIAV	IDIR	SIRT	METRIC	HVINS	G	WSEL	FG
	0.	5.	0.	0.	0.006000	0.00	0.0	0.	142.000	0.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CRIM	IRACE
	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 PRINTOUT									
	38.000	1.000	3.000	41.000	42.000	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	156.000	201.000	0.000	0.000	0.000	0.000	0.000
NC	0.120	0.120	0.060	0.200	0.400	0.000	0.000	0.000	0.000	0.000
GT	7.000	3530.000	3530.000	3530.000	1720.000	2860.000	3530.000	5600.000	0.000	0.000

SECTION 60450 CLRF 30 L ROCKFISH CR

X1	59500.000	15.000	970.000	1030.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	150.000	590.000	148.000	600.000	146.000	640.000	144.000	655.000	142.000	660.000
GR	140.000	680.000	139.000	970.000	135.700	1000.000	139.000	1030.000	140.000	1200.000
GR	142.000	1230.000	144.000	1260.000	146.000	1290.000	146.000	1330.000	150.000	1360.000
X1	59505.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
X1	59525.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
X1	59555.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
X1	59615.000	0.000	0.000	0.000	60.000	60.000	60.000	0.000	0.000	0.000
X1	59750.000	0.000	0.000	0.000	135.000	135.000	135.000	0.000	0.000	0.000
NC	0.120	0.120	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GT	7.000	3080.000	3080.000	3080.000	1270.000	2410.000	3080.000	5150.000	0.000	0.000
ET	0.000	3.100	915.000	1145.000	0.000	0.000	0.000	0.000	0.000	0.000

CLRF 30

X1	1.000	17.000	987.000	1015.000	1.000	1.000	1.000	0.000	-0.400	0.000
GR	150.000	400.000	148.000	583.000	146.000	624.000	144.000	727.000	142.000	814.000
GR	140.000	855.000	139.700	987.000	134.600	989.000	134.800	1000.000	137.700	1011.000
GR	139.800	1015.000	140.000	1180.000	142.000	1205.000	144.000	1230.000	146.000	1250.000
GR	148.000	1265.000	150.000	1303.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	915.000	1145.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	400.000	17.000	987.000	1015.000	400.000	400.000	400.000	0.000	0.000	0.000
GR	150.000	555.000	148.000	690.000	146.000	720.000	144.000	840.000	142.000	801.000
GR	140.000	890.000	139.700	987.000	134.600	989.000	134.800	1000.000	137.700	1011.000
GR	139.800	1015.000	140.000	1180.000	142.000	1205.000	144.000	1230.000	146.000	1250.000
GR	148.000	1265.000	150.000	1303.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1490.000	1720.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 1 SURVEYED

X1	900.000	20.000	1557.000	1585.000	530.000	460.000	500.000	0.000	0.000	0.000
GR	153.200	1100.000	151.300	1200.000	150.100	1300.000	145.900	1400.000	144.800	1415.000
GR	139.600	1455.000	139.600	1500.000	140.300	1557.000	135.200	1559.000	135.400	1570.000
GR	138.300	1581.000	140.400	1585.000	139.200	1600.000	139.600	1700.000	140.700	1725.000
GR	143.000	1800.000	143.300	1830.000	150.000	1900.000	151.600	2000.000	152.000	2200.000
ET	0.000	3.100	890.000	1120.000	0.000	0.000	0.000	0.000	0.000	0.000

TOPO SECTION

X1	1500.000	20.000	988.000	1013.000	500.000	570.000	500.000	0.000	0.000	0.000
GR	152.000	747.000	150.000	778.000	148.000	797.000	146.000	820.000	142.000	865.000
GR	140.000	960.000	141.000	988.000	136.600	990.000	136.200	1000.000	138.100	1010.000
GR	141.200	1013.000	140.000	1045.000	142.000	1152.000	144.000	1163.000	146.000	1183.000
GR	148.000	1212.000	142.500	1300.000	149.000	1450.000	150.000	1574.000	152.000	1592.000
ET	0.000	3.100	913.000	1047.000	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	9.100	1047.000

X1	2190.000	20.000	980.000	1010.000	630.000	540.000	596.000	0.000	-0.100	0.000
GR	165.000	400.000	154.000	500.000	152.000	650.000	150.000	770.000	148.000	825.000
GR	146.000	850.000	144.000	885.000	142.200	980.000	138.500	990.000	138.300	995.000
GR	139.600	1000.000	141.100	1010.000	142.000	1100.000	142.000	1225.000	146.000	1270.000
GR	148.000	1340.000	150.000	1372.000	152.000	1391.000	160.000	1480.000	164.000	1527.000
NC	0.090	0.090	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	950.000	1049.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 2 SURVEYED BRIDGE

X1	2241.000	20.000	950.000	1049.000	51.000	51.000	51.000	0.000	0.100	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	157.000	156.000	0.000
GR	165.000	400.000	154.000	500.000	152.000	650.000	150.000	770.000	148.000	825.000
GR	146.000	850.000	144.000	885.000	142.200	980.000	142.400	983.000	138.300	995.000
GR	138.300	1007.000	142.400	1016.000	142.000	1049.000	142.000	1225.000	146.000	1270.000
GR	148.000	1340.000	150.000	1372.000	152.000	1391.000	160.000	1480.000	164.000	1527.000
SB	1.250	1.500	2.500	0.000	15.000	7.000	925.000	2.500	138.300	138.300
ET	0.000	3.100	950.000	1049.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	2254.000	0.000	0.000	0.000	13.000	13.000	13.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	154.600	156.500	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	157.000	156.500	0.000
BT	13.000	400.000	165.000	0.000	550.000	164.000	0.000	650.000	161.700	0.000
BT	850.000	158.200	0.000	950.000	157.600	0.000	950.000	157.600	155.100	1049.000
BT	156.800	154.600	1049.000	156.900	0.000	1100.000	156.500	0.000	1225.000	156.900

	1270.000	157.200	0.000	1480.000	160.000	0.000	1527.000	164.000	0.000
	0.000	3.100	920.000	1080.000	9.100	9.100	9.100	903.000	1695.000

X1	2300.000	0.000	0.000	0.000	46.000	46.000	46.000	0.000	0.000	0.000
ET	0.000	3.100	1490.000	1710.000	9.100	9.100	9.100	9.100	1300.000	1750.000

CBO 3 SURVEYED

X1	2600.000	20.000	1528.000	1550.000	210.000	200.000	300.000	0.000	0.000	0.000
GR	154.100	0.100	153.000	1100.000	153.800	1200.000	150.500	1300.000	145.200	1400.000
GR	148.900	1432.000	142.000	1457.000	142.100	1500.000	142.300	1520.000	138.500	1531.000
GR	137.600	1539.000	137.600	1547.000	142.300	1550.000	141.900	1600.000	142.700	1700.000
GR	142.700	1754.000	145.700	1800.000	150.100	1900.000	153.000	2000.000	154.500	2030.000
ET	0.000	3.100	862.000	1049.000	0.000	0.000	0.000	0.000	0.000	0.000

TOPG SECTION

X1	4360.000	13.000	988.000	1012.000	1500.000	1560.000	1760.000	0.000	0.000	0.000
GR	156.000	402.000	154.000	450.000	152.000	840.000	150.000	220.000	142.000	515.000
GR	145.800	988.000	141.400	992.000	139.700	1000.000	141.500	1000.000	146.500	1012.000
GR	148.000	1035.000	150.000	1047.000	156.000	1060.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1600.000	1960.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 4A SURVEYED

X1	5684.000	18.000	1790.000	1828.000	950.000	1150.000	1524.000	0.000	0.000	0.000
GR	155.300	1200.000	150.400	1500.000	150.300	1400.000	151.300	1500.000	147.700	1569.000
GR	146.900	1608.000	147.000	1630.000	147.700	1700.000	147.300	1750.000	143.000	1798.000
GR	142.200	1800.000	141.500	1813.000	143.200	1824.000	147.200	1826.000	145.000	1873.000
GR	152.400	1900.000	153.200	2000.000	157.200	2100.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1600.000	1840.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 4 SURVEYED BRIDGE

X1	5734.000	18.000	1797.000	1833.000	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	151.000	152.000	0.000
GR	157.300	1200.000	150.400	1500.000	150.300	1400.000	151.300	1500.000	147.700	1569.000
GR	146.900	1608.000	147.000	1630.000	147.700	1700.000	147.300	1750.000	143.000	1798.000
GR	140.900	1810.000	140.900	1820.000	147.000	1827.000	148.000	1835.000	145.000	1873.000
GR	152.400	1900.000	153.200	2000.000	157.200	2100.000	0.000	0.000	0.000	0.000
SB	1.250	1.520	2.500	0.000	10.000	2.000	251.000	1.130	140.900	140.900
ET	0.000	3.100	1605.000	1840.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	5746.000	0.000	0.000	0.000	12.000	12.000	12.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	152.450	152.000	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	152.000	152.700	0.000
BT	13.000	1200.000	157.300	0.000	1490.000	157.100	0.000	1400.000	152.700	0.000
BT	1550.000	153.200	0.000	1600.000	152.000	0.000	0.000	150.000	0.000	1757.000
BT	153.700	0.000	1797.000	153.700	152.500	1834.000	152.700	152.500	1252.000	153.700
BT	0.000	1900.000	154.300	0.000	2000.000	152.300	0.000	2100.000	157.900	0.000
NC	0.000	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	7.000	3030.000	3030.000	3030.000	1200.000	2770.000	3030.000	3000.000	0.000	0.000
ET	0.000	3.100	1630.000	1830.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	5796.000	18.000	1790.000	1828.000	50.000	50.000	50.000	0.000	0.200	0.000
GR	155.300	1200.000	150.400	1500.000	150.300	1400.000	151.300	1500.000	147.700	1569.000
GR	146.900	1608.000	147.000	1630.000	147.700	1700.000	147.300	1750.000	143.000	1798.000
GR	142.200	1800.000	141.300	1813.000	143.200	1824.000	147.200	1826.000	145.000	1873.000
GR	152.400	1900.000	153.200	2000.000	157.200	2100.000	0.000	0.000	0.000	0.000

TOPO SECTION

X1	6100.000	12.000	960.000	1025.000	304.000	304.000	304.000	0.000	0.000	0.000
GR	160.000	435.000	158.000	700.000	156.000	720.000	154.000	730.000	153.200	960.000
GR	143.700	980.000	142.600	1000.000	142.700	1010.000	154.000	1025.000	156.000	1040.000
GR	156.000	1260.000	160.000	1280.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1620.000	1690.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 5 SURVEYED

X1	6335.000	20.000	1623.000	1690.000	270.000	230.000	235.000	0.000	0.000	0.000
GR	163.500	1083.000	162.500	1100.000	160.700	1200.000	158.500	1300.000	157.400	1259.000
GR	156.100	1364.000	167.000	1364.000	167.000	1397.000	154.800	1397.000	152.300	1517.000
GR	154.100	1617.000	153.500	1623.000	144.000	1634.000	142.400	1652.000	141.800	1670.000
GR	155.200	1690.000	155.700	1700.000	156.200	1800.000	157.300	1900.000	165.600	1963.000
NC	0.070	0.070	0.015	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	985.000	1011.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 6 SURVEYED BRIDGE

X1	6384.000	13.000	985.000	1011.000	49.000	49.000	45.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	155.000	155.000	0.000
GR	163.500	520.000	160.000	635.000	158.000	660.000	156.000	700.000	154.000	725.000
GR	152.000	810.000	152.000	985.000	143.900	985.000	143.900	1011.000	152.000	1011.000
GR	154.000	1112.000	156.000	1170.000	163.500	1270.000	0.000	0.000	0.000	0.000
SB	1.250	1.620	2.500	0.000	26.000	0.010	262.000	0.000	143.900	143.900
ET	0.000	3.100	985.000	1011.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	6417.000	11.000	985.000	1011.000	33.000	33.000	33.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	154.000	157.000	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	150.500	150.500	0.000
BT	11.000	540.000	164.000	0.000	670.000	160.000	0.000	620.000	157.500	0.000
BT	900.000	157.000	0.000	985.000	157.100	0.000	985.000	157.100	154.000	1011.000
BT	157.300	154.000	1011.000	157.500	0.000	1070.000	157.700	0.000	1160.000	160.000
BT	0.000	1230.000	164.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	164.000	540.000	160.000	670.000	156.000	820.000	155.000	900.000	154.000	985.000
GR	143.900	985.000	143.900	1011.000	154.000	1011.000	155.000	1070.000	160.000	1160.000
GR	164.000	1230.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
OI	7.000	3020.000	3020.000	3020.000	1240.000	2365.000	3020.000	5050.000	0.000	0.000
ET	0.000	3.100	985.000	1021.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	6435.000	9.000	985.000	1021.000	18.000	18.000	18.000	0.000	0.000	0.000
GR	164.000	530.000	160.000	670.000	160.000	985.000	145.000	985.000	145.000	1021.000
GR	160.000	1021.000	160.000	1160.000	162.000	1230.000	164.000	1220.000	0.000	0.000
ET	0.000	3.100	1100.000	1830.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 7 SURVEYED DAM W/CONC UGEE SPILLWAY

X1	6455.000	14.000	1565.000	1602.000	20.000	20.000	20.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	150.000	150.000	0.000
GR	166.000	1040.000	163.000	1100.000	159.800	1229.000	157.000	1225.000	154.000	1300.000
GR	152.000	1400.000	148.000	1500.000	144.100	1565.000	144.000	1565.000	144.000	1602.000
GR	144.100	1602.000	154.000	1700.000	159.000	1800.000	166.000	1900.000	0.000	0.000
SB	1.050	2.000	2.900	0.000	37.000	0.010	3.700	0.000	144.000	144.000
ET	0.000	3.100	1095.000	1835.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	6465.000	10.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000
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	0.000	1.000	144.100	159.100	0.000	0.000	0.000	0.000	0.000	0.000
BT	16.000	0.000	0.000	0.000	0.000	0.000	0.000	159.100	162.200	0.000
BT	14.000	1040.000	166.000	0.000	1100.000	163.800	0.000	1229.000	159.800	0.000
BT	1255.000	163.700	0.000	1300.000	163.900	0.000	1400.000	163.800	0.000	1500.000
BT	164.000	0.000	1565.000	164.000	0.000	1565.000	159.200	144.100	1602.000	159.100
BT	144.100	1602.000	164.100	0.000	1700.000	163.100	0.000	1800.000	162.800	0.000
BT	1900.000	166.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1165.000	1755.000	0.000	0.000	0.000	0.000	0.000	0.000

XI	6500.000	17.000	1165.000	1755.000	35.000	35.000	35.000	0.000	0.000	0.000
GR	166.000	1120.000	164.000	1138.000	162.000	1150.000	160.000	1100.000	150.000	1210.000
GR	156.000	1240.000	150.000	1284.000	144.000	1565.000	144.000	1602.000	150.000	1600.000
GR	154.000	1682.000	156.000	1712.000	158.000	1735.000	160.000	1750.000	162.000	1700.000
GR	164.000	1795.000	166.000	1825.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	7.000	2520.000	2520.000	2520.000	1020.000	1970.000	2520.000	4270.000	0.000	0.000
ET	0.000	3.100	1124.000	1516.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 8 SURVEYED SECTION

XI	9610.000	18.000	1124.000	1516.000	3110.000	3110.000	3110.000	0.000	0.000	0.000
GR	170.900	1000.000	161.800	1100.000	158.900	1124.000	158.200	1135.000	155.000	1150.000
GR	153.400	1200.000	152.800	1250.000	152.800	1300.000	153.100	1350.000	152.800	1400.000
GR	152.000	1450.000	156.400	1500.000	158.400	1518.000	160.500	1523.000	164.100	1600.000
GR	164.600	1700.000	166.000	1730.000	171.100	1787.000	0.000	0.000	0.000	0.000
NC	0.090	0.090	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	7.000	2440.000	2440.000	2440.000	990.000	1910.000	2440.000	4125.000	0.000	0.000
ET	0.000	3.100	1279.000	1495.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 9 SURVEYED SECTION

XI	13280.000	19.000	1279.000	1495.000	3670.000	3670.000	3670.000	0.000	0.000	0.000
GR	180.800	1000.000	174.000	1100.000	163.600	1200.000	162.100	1223.000	160.400	1275.000
GR	159.300	1285.000	158.000	1300.000	157.600	1350.000	158.400	1400.000	158.800	1431.000
GR	155.600	1434.000	154.900	1442.000	155.800	1451.000	158.900	1455.000	159.100	1495.000
GR	159.800	1500.000	162.200	1535.000	177.200	1600.000	175.900	1610.000	0.000	0.000
ET	0.000	3.100	900.000	1055.000	0.000	0.000	0.000	0.000	0.000	0.000

TOPO SECTION

XI	15270.000	13.000	990.000	1016.000	1925.000	1980.000	1990.000	0.000	0.000	0.000
GR	172.000	802.000	164.000	847.000	160.600	905.000	160.500	955.000	161.700	990.000
GR	159.200	993.000	159.100	1000.000	159.600	1013.000	161.800	1010.000	161.500	1050.000
GR	163.000	1090.000	164.000	1115.000	172.000	1149.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1175.000	1475.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 10 SURVEYED SECTION

XI	17075.000	29.000	1389.000	1419.000	1790.000	1750.000	1805.000	0.000	0.000	0.000
GR	179.400	1000.000	175.000	1066.000	167.700	1100.000	164.800	1124.000	164.100	1130.000
GR	164.500	1152.000	164.000	1155.000	162.200	1158.000	163.700	1162.000	164.800	1163.000
GR	163.700	1200.000	163.500	1250.000	163.000	1279.000	163.500	1300.000	162.500	1250.000
GR	164.400	1389.000	162.800	1392.000	161.300	1400.000	163.400	1416.000	164.300	1419.000
GR	164.300	1440.000	162.500	1448.000	164.300	1455.000	164.300	1421.000	164.000	1500.000
GR	167.800	1560.000	170.500	1600.000	172.700	1700.000	160.000	1720.000	0.000	0.000
NC	0.100	0.100	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1110.000	1320.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 11 SURVEYED SECTION

	212,000	1266,000	1289,000	1505,000	1505,000	1505,000	0,000	0,000	0,000
GR	180,000	975,000	178,600	1000,000	167,000	1096,000	166,100	1100,000	165,800
GR	165,400	1150,000	166,000	1200,000	167,000	1250,000	165,100	1253,000	164,400
GR	165,200	1260,000	166,800	1264,000	166,800	1266,000	165,600	1269,000	164,200
GR	165,200	1285,000	166,400	1289,000	166,300	1300,000	166,300	1329,000	170,800
GR	184,900	1400,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	3,100	900,000	1060,000	0,000	0,000	0,000	0,000	0,000

TOPO SECTION

X1	19700,000	19,000	996,000	1014,000	1055,000	1115,000	1120,000	0,000	0,000	0,000
GR	180,000	770,000	178,000	785,000	178,000	800,000	174,000	817,000	172,000	840,000
GR	170,000	890,000	168,000	950,000	168,000	992,000	166,000	998,000	165,000	1004,000
GR	166,000	1012,000	168,000	1014,000	168,000	1045,000	170,000	1078,000	172,000	1095,000
GR	174,000	1105,000	176,000	1120,000	178,000	1150,000	180,000	1140,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	9,100	9,100	9,100	0,000	1342,000	1428,000
ET	0,000	3,100	1342,000	1428,000	0,000	0,000	0,000	0,000	0,000	0,000

X1	19900,000	18,000	1373,000	1394,000	210,000	175,000	200,000	0,000	-0,300	0,000
GR	190,000	1000,000	183,000	1100,000	177,700	1168,000	177,100	1200,000	175,000	1236,000
GR	171,600	1300,000	169,100	1358,000	168,600	1373,000	166,200	1378,000	165,400	1385,000
GR	166,300	1391,000	168,400	1394,000	170,000	1410,000	177,900	1500,000	182,000	1528,000
GR	183,800	1556,000	187,900	1560,000	196,900	1578,000	0,000	0,000	0,000	0,000
GI	7,000	2295,000	2295,000	2295,000	920,000	1795,000	2295,000	3895,000	0,000	0,000
ET	0,000	3,100	1358,000	1410,000	0,000	0,000	0,000	0,000	0,000	0,000

BRIDGE S R 1400

X1	19950,000	18,000	1358,000	1410,000	50,000	50,000	50,000	0,000	-0,200	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	174,000	178,000	0,000
GR	190,400	1000,000	183,000	1100,000	177,700	1168,000	177,100	1200,000	174,200	1200,000
GR	171,600	1300,000	169,100	1358,000	168,700	1372,000	164,600	1378,000	164,000	1384,000
GR	164,600	1390,000	168,700	1397,000	170,000	1410,000	177,900	1500,000	182,000	1528,000
GR	183,800	1556,000	187,900	1560,000	196,900	1578,000	0,000	0,000	0,000	0,000
SB	1,250	1,750	2,500	0,000	12,000	2,000	368,000	1,000	164,000	164,000
ET	0,000	3,100	1358,000	1410,000	0,000	0,000	0,000	0,000	0,000	0,000

X1	19980,000	0,000	0,000	0,000	30,000	30,000	30,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	176,800	177,600	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	177,000	179,500	0,000
BT	11,000	1000,000	190,400	0,000	1100,000	183,000	0,000	1168,000	180,200	0,000
BT	1260,000	177,600	0,000	1358,000	178,300	0,000	1358,000	178,300	176,800	1410,000
BT	179,300	177,800	1410,000	179,300	0,000	1500,000	183,900	0,000	1560,000	187,900
BT	0,000	1578,000	196,900	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	0,000	1307,000	1459,000
ET	0,000	3,100	1315,000	1450,000	0,000	0,000	0,000	0,000	0,000	0,000

CBO 13 SURVEYED SECTION

X1	20030,000	17,000	1373,000	1394,000	50,000	50,000	50,000	0,000	0,000	0,000
GR	190,000	1000,000	183,000	1100,000	177,700	1168,000	177,100	1200,000	175,000	1236,000
GR	171,600	1300,000	169,100	1358,000	168,600	1373,000	166,200	1378,000	165,400	1385,000
GR	166,300	1391,000	168,400	1394,000	170,000	1410,000	177,900	1500,000	182,000	1528,000
GR	183,800	1556,000	196,900	1578,000	0,000	0,000	0,000	0,000	0,000	0,000
QT	7,000	2210,000	2210,000	2210,000	890,000	1720,000	2210,000	3720,000	0,000	0,000
ET	0,000	3,100	950,000	1100,000	0,000	0,000	0,000	0,000	0,000	0,000

TOPO SECTION

X1	20675,000	15,000	989,000	1009,000	560,000	640,000	645,000	0,000	0,000	0,000
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	1051.000	172.000	1142.000	176.000	1174.000	178.000	1179.000	180.000	1186.000
	2090.000	2090.000	2090.000	840.000	1630.000	2090.000	3570.000	0.000	0.000
	0.000	0.000	0.000	9.100	0.000	0.000	0.000	1141.000	1185.000
	0.000	3.100	1165.000	1315.000	0.000	0.000	0.000	0.000	0.000

C80 14 SURVEYED SECTION

X1	21570.000	14.000	1156.000	1174.000	810.000	880.000	895.000	0.000	0.000	0.000
GR	196.400	1000.000	183.700	1100.000	173.400	1158.000	170.700	1158.000	168.700	1180.000
GR	167.900	1165.000	168.500	1171.000	171.500	1174.000	171.500	1200.000	171.400	1300.000
GR	172.300	1352.000	177.000	1400.000	191.500	1500.000	194.000	1520.000	0.000	0.000
ET	0.000	3.100	1155.000	1305.000	0.000	0.000	0.000	0.000	0.000	0.000

BRIDGE DIRT RD ON MIL BASE

X1	21620.000	16.000	1158.000	1172.000	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	178.200	176.500	0.000
GR	196.400	1000.000	183.700	1100.000	178.000	1120.000	173.400	1158.000	170.700	1158.000
GR	170.700	1158.500	167.200	1159.000	167.200	1171.000	171.500	1171.500	171.500	1172.000
GR	171.500	1200.000	171.400	1300.000	172.300	1450.000	177.000	1400.000	191.500	1500.000
GR	194.000	1520.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.050	1.570	2.500	0.000	14.000	0.200	115.000	0.110	167.200	167.200
ET	0.000	3.100	1155.000	1305.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	21636.000	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	175.700	177.000	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	177.200	177.000	0.000
BT	13.000	1000.000	196.400	0.000	1100.000	183.700	0.000	1120.000	178.000	0.000
BT	1158.000	177.500	0.000	1158.000	177.500	176.000	1172.000	177.000	175.700	1172.000
BT	177.000	0.000	1200.000	177.000	0.000	1300.000	174.000	0.000	1450.000	182.000
BT	0.000	1400.000	167.200	0.000	1500.000	193.900	0.000	1520.000	194.000	0.000
BT	7.000	2080.000	2080.000	2080.000	830.000	1820.000	2080.000	3550.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	9.100	0.000	0.000	0.000	1058.000	1172.000
ET	0.000	3.100	1150.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	21686.000	14.000	1156.000	1174.000	50.000	50.000	50.000	0.000	0.700	0.000
GR	196.400	1000.000	183.700	1100.000	173.400	1158.000	170.700	1158.000	168.700	1180.000
GR	167.900	1165.000	168.500	1171.000	171.500	1174.000	171.500	1200.000	171.400	1300.000
GR	172.300	1352.000	177.000	1400.000	191.500	1500.000	194.000	1520.000	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

RELEASE DATED NOV 76 UPDATED AUG 77

CORR = 01,02

MODIFICATION = 50,51,52,53

T1 FPMB - FIS CUMBERLAND CO NC
T2 50 YR NATURAL
T3 BONES CR

J1	ICHECK	IND	NINV	IDIR	SIRI	METRIC	HVILS	G	ASEL	PI
	0.	6.	0.	0.	0.006000	0.00	0.0	0.	144.000	0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLUC	IBX	CRIP	ITRACE
	2.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

 RELEASE DATED NOV 76 UPDATED AUG 77
 FORM NO. 01,02
 MODIFICATION - 50,51,52,53

T1 FPHB - FIS CUMBERLAND CO NC
 T2 100 YR NATURAL
 T3 BONES CR

J1	ICHECK	INQ	NINV	IDIR	SIRI	PETRIC	HVINS	Q	ASEL	FB
	0.	7.	0.	0.	0.006000	0.00	0.0	0.	145.000	0.000
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIA	ITRACE
	3.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

 RELEASE DATED NOV 76 UPDATED AUG 77
 MODIFICATION - 50,51,52,53

71 FPMO - FIS CUMBERLAND CO NC
 72 500 YR NATURAL
 73 BONES CR

J1	ICHECK	INQ	NINV	IDIR	STR1	METRIC	HVINS	G	PSEL	FR
	0.	8.	0.	0.	0.006000	0.00	0.0	0.	147.000	0.000
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FR	ALLOD	IEA	CFRIN	ITRALE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

 MESSAGE 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

BONES CR

SUMMARY PRINTOUT

SECNO	CASEL	EG	ELLC	ELMIR
59500.000	140.89	141.07	0.00	135.70
59500.000	141.62	141.82	0.00	135.70
59500.000	141.98	142.19	0.00	135.70
59500.000	142.93	143.18	0.00	135.70
59505.000	140.93	141.10	0.00	135.70
59505.000	141.66	141.85	0.00	135.70
59505.000	142.02	142.22	0.00	135.70
59505.000	142.97	143.21	0.00	135.70
59525.000	141.07	141.21	0.00	135.70
59525.000	141.80	141.96	0.00	135.70
59525.000	142.15	142.34	0.00	135.70
59525.000	143.10	143.32	0.00	135.70
59555.000	141.23	141.34	0.00	135.70
59555.000	141.96	142.10	0.00	135.70
59555.000	142.32	142.48	0.00	135.70
59555.000	143.28	143.47	0.00	135.70
59615.000	141.44	141.53	0.00	135.70
59615.000	142.21	142.32	0.00	135.70
59615.000	142.58	142.71	0.00	135.70
59615.000	143.56	143.72	0.00	135.70
59750.000	141.77	141.83	0.00	135.70
59750.000	142.59	142.67	0.00	135.70
59750.000	142.98	143.06	0.00	135.70
59750.000	144.01	144.10	0.00	135.70
1.000	141.76	141.84	0.00	134.20
1.000	142.55	142.70	0.00	134.20
1.000	142.94	143.11	0.00	134.20
1.000	143.95	144.19	0.00	134.20
400.000	142.49	142.57	0.00	134.60
400.000	143.65	143.76	0.00	134.60
400.000	144.19	144.31	0.00	134.60
400.000	145.52	145.69	0.00	134.60

SECNO	CWSEL	EG	ELLC	ELMIN
900.000	143.15	143.19	0.00	135.20
900.000	144.50	144.56	0.00	135.20
900.000	145.12	145.19	0.00	135.20
900.000	146.64	146.73	0.00	135.20
1500.000	143.84	143.90	0.00	136.20
1500.000	145.33	145.41	0.00	136.20
1500.000	146.01	146.10	0.00	136.20
1500.000	147.67	147.79	0.00	136.20
2190.000	145.19	145.42	0.00	138.20
2190.000	146.83	147.19	0.00	138.20
2190.000	147.58	148.02	0.00	138.20
2190.000	149.40	150.11	0.00	138.20
2241.000	145.43	145.60	0.00	138.40
2241.000	147.11	147.40	0.00	138.40
2241.000	147.88	148.25	0.00	138.40
2241.000	149.76	150.38	0.00	138.40
2254.000	145.52	145.60	154.60	138.40
2254.000	147.80	148.03	154.60	138.40
2254.000	148.85	149.13	154.60	138.40
2254.000	151.42	151.85	154.60	138.40
2300.000	145.72	145.78	0.00	138.40
2300.000	148.04	148.12	0.00	138.40
2300.000	149.13	149.23	0.00	138.40
2300.000	151.82	151.96	0.00	138.40
2600.000	145.96	145.99	0.00	137.60
2600.000	148.26	148.29	0.00	137.60
2600.000	149.36	149.39	0.00	137.60
2600.000	152.06	152.13	0.00	137.60
4360.000	147.98	148.71	0.00	139.70
4360.000	149.88	150.52	0.00	139.70
4360.000	150.88	151.44	0.00	139.70
4360.000	153.45	153.82	0.00	139.70
5684.000	150.50	150.53	0.00	141.30
5684.000	152.11	152.15	0.00	141.30
5684.000	152.86	152.90	0.00	141.30
5684.000	154.88	154.92	0.00	141.30
5734.000	150.26	150.80	0.00	140.90
5734.000	152.14	152.18	0.00	140.90
5734.000	152.90	152.93	0.00	140.90
5734.000	154.91	154.94	0.00	140.90
5746.000	150.42	150.93	152.45	140.90
5746.000	153.79	153.80	152.45	140.90
5746.000	154.43	154.44	152.45	140.90
5746.000	155.75	155.77	152.45	140.90

SECNO	CWSEL	EG	ELLC	ELMIN
5796.000	151.05	151.07	0.00	141.50
5796.000	153.80	153.81	0.00	141.50
5796.000	154.44	154.45	0.00	141.50
5796.000	155.76	155.78	0.00	141.50
6100.000	151.15	151.35	0.00	142.60
6100.000	153.73	154.06	0.00	142.60
6100.000	154.34	154.75	0.00	142.60
6100.000	155.62	156.19	0.00	142.60
6335.000	151.57	151.70	0.00	141.80
6335.000	154.30	154.53	0.00	141.80
6335.000	155.03	155.31	0.00	141.80
6335.000	156.56	156.92	0.00	141.80
6384.000	151.30	151.95	0.00	143.90
6384.000	153.69	155.03	0.00	143.90
6384.000	154.04	156.09	0.00	143.90
6384.000	156.25	157.22	0.00	143.90
6417.000	151.30	151.95	154.00	143.90
6417.000	154.62	155.74	154.00	143.90
6417.000	155.78	157.27	154.00	143.90
6417.000	157.05	159.30	154.00	143.90
6435.000	151.57	152.00	0.00	145.00
6435.000	155.21	155.85	0.00	145.00
6435.000	156.61	157.42	0.00	145.00
6435.000	157.36	159.36	0.00	145.00
6455.000	151.93	152.06	0.00	144.00
6455.000	155.88	155.96	0.00	144.00
6455.000	157.48	157.56	0.00	144.00
6455.000	159.60	159.74	0.00	144.00
6465.000	162.54	162.55	144.10	144.00
6465.000	163.58	163.59	144.10	144.00
6465.000	163.93	163.95	144.10	144.00
6465.000	164.54	164.58	144.10	144.00
6500.000	162.55	162.55	0.00	144.00
6500.000	163.59	163.59	0.00	144.00
6500.000	163.95	163.95	0.00	144.00
6500.000	164.59	164.59	0.00	144.00
9610.000	162.55	162.55	0.00	152.00
9610.000	163.59	163.60	0.00	152.00
9610.000	163.95	163.96	0.00	152.00
9610.000	164.59	164.60	0.00	152.00
13280.000	162.56	162.58	0.00	154.90
13280.000	163.63	163.66	0.00	154.90
13280.000	164.01	164.05	0.00	154.90
13280.000	164.73	164.82	0.00	154.90

RECNO	CNSL	EG	ELLC	ELMIN
15270.000	163.56	163.64	0.00	159.10
15270.000	165.04	165.13	0.00	159.10
15270.000	165.68	165.77	0.00	159.10
15270.000	167.26	167.39	0.00	159.10
17075.000	166.20	166.22	0.00	161.30
17075.000	167.46	167.49	0.00	161.30
17075.000	168.06	168.09	0.00	161.30
17075.000	169.64	169.69	0.00	161.30
18580.000	168.39	168.44	0.00	164.20
18580.000	169.61	169.69	0.00	164.20
18580.000	170.19	170.28	0.00	164.20
18580.000	171.72	171.85	0.00	164.20
19700.000	171.17	171.26	0.00	165.00
19700.000	172.50	172.62	0.00	165.00
19700.000	173.11	173.24	0.00	165.00
19700.000	174.68	174.85	0.00	165.00
19900.000	171.69	172.05	0.00	165.10
19900.000	173.01	173.65	0.00	165.10
19900.000	173.59	174.37	0.00	165.10
19900.000	175.27	175.77	0.00	165.10
19950.000	172.06	172.28	0.00	164.40
19950.000	173.51	173.98	0.00	164.40
19950.000	174.14	174.78	0.00	164.40
19950.000	175.56	176.03	0.00	164.40
19980.000	172.11	172.31	176.80	164.40
19980.000	173.62	174.07	176.80	164.40
19980.000	174.30	174.91	176.80	164.40
* 19980.000	178.02	178.21	176.80	164.40
20030.000	172.26	172.47	0.00	165.40
20030.000	174.05	174.31	0.00	165.40
20030.000	174.91	175.18	0.00	165.40
20030.000	178.16	178.29	0.00	165.40
20675.000	173.61	173.67	0.00	166.00
20675.000	175.40	175.46	0.00	166.00
20675.000	176.23	176.30	0.00	166.00
20675.000	178.87	178.93	0.00	166.00
21570.000	175.19	175.52	0.00	166.70
21570.000	176.31	176.36	0.00	166.70
21570.000	177.13	177.18	0.00	166.70
21570.000	179.54	179.60	0.00	166.70
21620.000	175.15	176.14	0.00	167.20
* 21620.000	176.68	176.71	0.00	167.20
21620.000	177.18	177.23	0.00	167.20
21620.000	179.59	179.64	0.00	167.20

	CNBL	EG	ELLC	ELMIN
21576.000	175.57	176.45	175.70	167.20
21576.000	178.90	178.91	175.70	167.20
21576.000	179.52	179.54	175.70	167.20
21576.000	181.16	181.19	175.70	167.20
21586.000	176.60	176.94	0.00	167.40
21606.000	178.91	178.93	0.00	167.40
21606.000	179.53	179.56	0.00	167.40
21606.000	181.17	181.22	0.00	167.40

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SUMMARY PRINTOUT

SECNO	CNSEL	QLOB	GCH	GROB	VLOB	VCH	VHGD
59500.000	140.89	486.75	945.86	287.38	1.19	4.45	1.18
59500.000	141.62	985.14	1287.32	587.54	1.57	5.02	1.54
59500.000	141.98	1284.50	1475.41	770.09	1.74	5.31	1.71
59500.000	142.93	2227.33	2011.14	1361.53	2.15	6.00	2.10
59505.000	140.93	492.55	936.53	290.92	1.18	4.37	1.17
59505.000	141.66	990.34	1278.76	590.89	1.55	4.95	1.53
59505.000	142.02	1289.50	1466.99	773.51	1.72	5.24	1.69
59505.000	142.97	2231.69	2003.30	1365.01	2.14	5.95	2.09
59525.000	141.07	519.16	843.59	307.24	1.12	4.00	1.11
59525.000	141.80	1012.10	1242.86	605.04	1.49	4.67	1.47
59525.000	142.15	1310.49	1431.16	788.35	1.66	4.57	1.63
59525.000	143.10	2249.99	1970.17	1374.84	2.07	5.72	2.02
59555.000	141.23	543.14	854.75	322.11	1.07	3.67	1.06
59555.000	141.96	1037.09	1201.38	621.53	1.42	4.35	1.39
59555.000	142.32	1335.05	1388.94	806.01	1.56	4.66	1.55
59555.000	143.28	2272.28	1929.33	1396.36	1.99	5.43	1.94
59615.000	141.44	571.99	807.77	340.25	1.00	3.29	0.98
59615.000	142.21	1069.06	1147.00	643.94	1.32	3.94	1.30
59615.000	142.58	1367.64	1332.25	830.11	1.46	4.25	1.45
59615.000	143.56	2305.42	1867.41	1427.17	1.87	5.01	1.82
59750.000	141.77	607.19	749.91	362.90	0.90	2.23	0.89
59750.000	142.59	1108.65	1078.35	673.00	1.20	3.43	1.17
59750.000	142.98	1408.60	1259.47	861.93	1.34	3.73	1.31
59750.000	144.01	2347.08	1786.71	1406.21	1.71	4.47	1.65
1.000	141.76	324.54	571.71	373.76	0.92	3.15	0.91
1.000	142.55	707.00	897.30	805.70	1.43	4.63	1.44
1.000	142.94	945.53	1061.58	1072.84	1.60	5.21	1.60
1.000	143.95	1717.50	1503.64	1928.65	2.22	6.46	2.21
400.000	142.49	274.75	566.44	428.81	0.91	3.15	0.92
400.000	143.65	610.71	858.56	940.71	1.33	4.05	1.34
400.000	144.19	817.69	1009.37	1252.94	1.51	4.44	1.53
400.000	145.52	1501.29	1422.53	2226.10	1.86	5.37	2.00
900.000	143.15	325.05	445.04	499.91	0.83	2.45	0.84
900.000	144.50	661.41	686.38	1062.22	1.16	3.15	1.14
900.000	145.12	862.71	813.39	1403.90	1.31	3.44	1.28
900.000	146.64	1501.72	1169.84	2478.44	1.67	4.19	1.64
1500.000	143.84	368.42	496.14	405.44	0.96	3.63	0.97
1500.000	145.33	798.40	740.82	870.78	1.31	3.86	1.34
1500.000	146.01	1058.34	872.50	1149.16	1.47	4.00	1.51
1500.000	147.67	1892.49	1238.69	2018.82	1.86	4.77	1.90
2190.000	145.19	226.28	774.45	269.27	1.36	4.69	1.82
2190.000	146.83	576.55	1320.56	512.86	2.10	6.17	2.40
2190.000	147.58	793.58	1632.99	653.43	2.44	6.50	2.76
2190.000	149.40	1486.06	2583.73	1080.21	3.33	6.67	2.55

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SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCF	VROB
2241.000	145.43	0.00	1270.00	0.00	0.00	3.27	0.00
2241.000	147.11	0.00	2410.00	0.00	0.00	4.35	0.00
2241.000	147.88	0.00	3080.00	0.00	0.00	4.88	0.00
2241.000	149.76	0.00	5150.00	0.00	0.00	6.30	0.00
2254.000	145.52	0.00	1270.00	0.00	0.00	3.19	0.00
* 2254.000	147.80	0.00	2410.00	0.00	0.00	3.87	0.00
* 2254.000	148.85	0.00	3080.00	0.00	0.00	4.23	0.00
* 2254.000	151.42	0.00	5150.00	0.00	0.00	5.25	0.00
2300.000	145.72	113.34	939.37	217.29	1.01	2.25	1.31
2300.000	148.04	296.42	1695.46	418.13	1.34	2.62	1.53
2300.000	149.13	400.26	2142.20	533.54	1.48	2.84	1.65
2300.000	151.82	735.39	3531.98	882.63	1.84	3.46	1.97
2600.000	145.96	280.50	327.89	661.61	0.93	1.99	0.92
2600.000	148.26	578.13	468.42	1363.46	1.14	2.17	1.15
2600.000	149.36	761.62	548.24	1770.15	1.22	2.29	1.20
2600.000	152.08	1420.10	774.04	2955.86	1.38	2.58	1.52
4360.000	147.98	133.83	1114.24	21.93	1.71	7.34	1.31
4360.000	149.88	689.85	1540.27	179.88	2.78	7.60	2.53
4360.000	150.88	1089.40	1688.20	302.41	2.96	7.61	2.62
4360.000	153.45	2494.87	1998.95	656.18	2.66	7.06	3.14
5684.000	150.50	604.56	588.86	76.58	0.77	2.07	0.65
5684.000	152.11	1411.84	807.31	190.85	0.90	2.34	0.87
5684.000	152.86	1915.16	902.71	262.13	0.97	2.41	0.91
5684.000	154.88	3429.40	1127.66	592.94	1.11	2.56	1.90
5734.000	150.26	0.00	1270.00	0.00	0.00	5.88	0.00
5734.000	152.14	1722.25	687.75	0.00	1.07	2.43	0.00
5734.000	152.90	2130.15	719.61	230.24	1.06	2.32	0.92
5734.000	154.91	3681.47	912.85	555.66	1.19	2.36	0.90
5746.000	150.42	0.00	1270.00	0.00	0.00	5.73	0.00
5746.000	153.79	1705.19	491.65	212.97	0.60	1.43	0.53
* 5746.000	154.43	2195.33	577.67	306.99	0.77	1.58	0.59
* 5746.000	155.75	3688.18	834.28	627.54	1.03	2.06	0.76
5796.000	151.05	662.80	507.42	69.79	0.71	1.71	0.51
5796.000	153.80	1604.35	577.20	168.45	0.66	1.43	0.46
5796.000	154.44	2090.34	672.87	266.78	0.76	1.36	0.50
5796.000	155.76	3572.71	953.45	533.84	1.02	2.00	0.66
6100.000	151.15	0.00	1240.00	0.00	0.00	3.53	0.00
6100.000	153.73	15.76	2354.24	0.00	0.38	4.63	0.00
6100.000	154.34	141.30	2888.59	0.11	0.83	5.27	0.25
6100.000	155.62	867.51	4184.56	7.91	1.24	6.62	0.80
6335.000	151.57	0.00	1240.00	0.00	0.00	2.91	0.00
6335.000	154.30	50.36	2319.64	0.00	0.49	3.68	0.00
6335.000	155.03	221.60	2808.40	0.00	0.86	4.25	0.00
6335.000	156.56	1006.22	4013.53	40.26	1.66	5.27	0.51

SECNO	CWSEL	QLOB	GCH	OROB	VLOB	VLF	VHGB
6384.000	151.30	0.00	1240.00	0.00	0.00	6.44	0.00
6384.000	153.69	0.00	2370.00	0.00	0.00	5.31	0.00
6384.000	154.04	0.00	3030.00	0.00	0.00	11.49	0.00
6384.000	156.25	1429.45	3186.66	443.89	1.36	9.92	1.10
6417.000	151.30	0.00	1240.00	0.00	0.00	6.44	0.00
6417.000	154.62	0.00	2370.00	0.00	0.00	8.56	0.00
6417.000	155.78	0.00	3030.00	0.00	0.00	9.81	0.00
6417.000	157.05	425.72	4401.71	232.57	1.17	12.67	1.23
6435.000	151.57	0.00	1240.00	0.00	0.00	5.24	0.00
6435.000	155.21	0.00	2360.00	0.00	0.00	6.42	0.00
6435.000	156.61	0.00	3020.00	0.00	0.00	7.23	0.00
6435.000	157.36	0.00	5050.00	0.00	0.00	11.34	0.00
6455.000	151.93	275.01	964.99	0.00	0.40	3.29	0.00
6455.000	155.88	694.24	1355.63	310.13	0.45	3.08	0.44
6455.000	157.48	975.79	1605.95	438.27	0.48	3.22	0.46
6455.000	159.60	1778.53	2450.43	821.03	0.65	4.25	0.61
6465.000	162.54	471.30	537.81	231.09	0.12	0.70	0.11
6465.000	163.58	916.46	586.96	456.56	0.21	1.36	0.20
6465.000	163.93	1101.23	1247.64	591.13	0.27	1.69	0.25
6465.000	164.54	1999.59	2043.76	1006.65	0.42	2.69	0.40
6500.000	162.55	0.21	1239.45	0.35	0.01	0.17	0.01
6500.000	163.59	0.88	2357.69	1.44	0.02	0.29	0.02
6500.000	163.95	1.37	3016.39	2.23	0.02	0.37	0.03
6500.000	164.59	3.20	5041.68	5.12	0.04	0.59	0.04
9610.000	162.55	2.67	1015.05	2.27	0.05	0.29	0.04
9610.000	163.59	8.78	1952.37	8.85	0.09	0.50	0.07
9610.000	163.95	13.00	2493.27	13.73	0.12	0.62	0.09
9610.000	164.59	27.54	4208.92	33.54	0.19	0.99	0.15
13280.000	162.56	21.33	943.00	25.67	0.20	0.95	0.30
13280.000	163.63	79.63	1757.18	73.19	0.53	1.47	0.62
13280.000	164.01	110.76	2218.79	102.45	0.65	1.73	0.70
13280.000	164.73	251.65	3674.64	198.71	1.03	2.56	1.17
15270.000	163.56	496.68	347.13	146.18	1.59	3.16	1.21
15270.000	165.04	978.09	522.13	409.77	1.86	3.45	1.55
15270.000	165.68	1253.31	619.25	567.44	2.02	3.67	1.72
15270.000	167.26	2124.96	914.35	1065.66	2.45	4.29	2.17
17075.000	166.20	666.31	187.46	136.24	0.94	1.71	0.75
17075.000	167.46	1275.19	307.20	327.61	1.20	2.06	0.98
17075.000	168.06	1618.11	370.43	451.46	1.31	2.24	1.07
17075.000	169.64	2661.13	558.69	865.18	1.56	2.63	1.33
18580.000	168.39	628.84	213.34	147.82	1.40	2.66	1.25
18580.000	169.61	1219.53	359.71	330.76	1.80	3.52	1.64
18580.000	170.19	1559.06	440.10	440.84	2.03	3.81	1.81
18580.000	171.72	2627.62	680.79	816.56	2.44	4.51	2.23

11/18/82

RECNO	CNBL	QLOB	GCH	GR06	VLOB	VCH	VR06
19700.000	171.17	396.95	353.84	239.21	1.34	3.57	1.36
19700.000	172.50	868.39	533.44	508.17	1.75	4.34	1.81
19700.000	173.11	1152.62	622.72	664.65	1.93	4.65	2.00
19700.000	174.68	2081.79	877.48	1165.73	2.37	5.41	2.45
19900.000	171.69	188.89	677.04	124.07	2.15	5.64	1.86
19900.000	173.01	422.19	1155.85	331.96	3.27	7.60	2.97
19900.000	173.59	558.89	1421.05	460.06	3.81	8.67	3.52
19900.000	175.27	1704.85	1604.46	815.69	3.26	8.21	2.93
19950.000	172.06	0.00	920.00	0.00	0.00	3.68	0.00
19950.000	173.51	0.00	1795.00	0.00	0.00	5.52	0.00
19950.000	174.14	0.00	2295.00	0.00	0.00	6.41	0.00
19950.000	175.56	1163.03	2731.97	0.00	2.57	6.33	0.00
19980.000	172.11	0.00	920.00	0.00	0.00	3.65	0.00
19980.000	173.62	0.00	1795.00	0.00	0.00	5.43	0.00
19980.000	174.30	0.00	2295.00	0.00	0.00	6.27	0.00
19980.000	178.02	1501.27	2393.73	0.00	1.76	4.28	0.00
20030.000	172.26	242.10	563.34	114.57	1.55	4.48	1.47
20030.000	174.05	601.28	874.91	318.86	2.19	5.35	1.86
20030.000	174.91	800.62	1025.50	468.86	2.41	5.64	2.07
20030.000	178.16	1836.94	1158.34	897.72	1.91	4.64	1.72
20675.000	173.61	116.65	350.15	423.26	0.92	2.74	1.05
20675.000	175.40	299.03	508.54	912.43	1.19	3.11	1.35
20675.000	176.23	421.85	590.56	1197.57	1.27	3.27	1.47
20675.000	178.87	1002.40	757.43	2000.17	1.16	3.25	1.59
21570.000	175.19	97.91	633.20	168.86	1.94	5.15	1.97
21570.000	176.31	99.88	388.88	1141.23	1.06	2.72	1.23
21570.000	177.13	138.06	454.27	1497.67	1.16	2.88	1.35
21570.000	179.54	274.76	632.16	2663.06	1.34	3.14	1.59
21620.000	175.15	0.00	840.00	0.00	0.00	7.96	0.00
21620.000	176.68	120.07	297.42	1212.51	1.06	2.34	1.20
21620.000	177.18	160.15	357.60	1572.25	1.23	2.67	1.40
21620.000	179.59	321.05	480.33	2768.62	1.43	2.87	1.65
21636.000	175.57	0.00	840.00	0.00	0.00	7.55	0.00
21636.000	178.90	140.70	232.15	1257.15	0.72	1.47	0.82
21636.000	179.52	187.39	282.38	1620.23	0.84	1.69	0.98
21636.000	181.16	347.36	430.17	2792.47	1.17	2.27	1.34
21686.000	176.60	190.01	639.98	0.00	2.35	5.12	0.60
21686.000	178.91	115.50	317.07	1187.43	0.75	1.79	0.87
21686.000	179.53	154.01	387.16	1538.82	0.87	2.15	1.02
21686.000	181.17	286.32	593.07	2670.61	1.17	2.72	1.46

FORMED CR

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
59500.000	140.89	671.06	970.00	1030.00	1213.41	542.34
59500.000	141.62	663.75	970.00	1030.00	1224.37	560.62
59500.000	141.98	660.17	970.00	1030.00	1229.74	569.57
59500.000	142.93	657.67	970.00	1030.00	1243.99	586.32
59505.000	140.93	670.76	970.00	1030.00	1213.86	543.16
59505.000	141.66	663.45	970.00	1030.00	1224.82	561.37
59505.000	142.02	659.97	970.00	1030.00	1230.19	570.23
59505.000	142.97	657.59	970.00	1030.00	1244.44	586.84
59525.000	141.07	669.26	970.00	1030.00	1216.10	546.84
59525.000	141.80	662.13	970.00	1030.00	1226.81	564.68
59525.000	142.15	659.64	970.00	1030.00	1232.18	572.55
59525.000	143.10	657.27	970.00	1030.00	1246.41	589.14
59555.000	141.23	667.72	970.00	1030.00	1218.42	550.70
59555.000	141.96	660.43	970.00	1030.00	1229.35	568.92
59555.000	142.32	659.21	970.00	1030.00	1234.76	575.55
59555.000	143.28	656.63	970.00	1030.00	1249.03	592.20
59615.000	141.44	665.55	970.00	1030.00	1221.67	556.12
59615.000	142.21	659.48	970.00	1030.00	1233.10	573.61
59615.000	142.58	658.55	970.00	1030.00	1238.69	580.14
59615.000	143.56	656.09	970.00	1030.00	1253.45	597.25
59750.000	141.77	662.29	970.00	1030.00	1226.57	564.29
59750.000	142.59	658.54	970.00	1030.00	1238.79	580.25
59750.000	142.98	657.54	970.00	1030.00	1244.74	587.20
59750.000	144.01	654.90	970.00	1030.00	1260.19	605.29
1.000	141.76	811.75	987.00	1015.00	1207.06	395.33
1.000	142.55	801.16	987.00	1015.00	1216.29	415.72
1.000	142.94	795.94	987.00	1015.00	1221.73	425.79
1.000	143.95	758.78	987.00	1015.00	1233.46	474.69
400.000	142.49	855.10	987.00	1015.00	1211.13	356.03
400.000	143.65	843.58	987.00	1015.00	1225.53	381.95
400.000	144.19	828.80	987.00	1015.00	1231.87	403.07
400.000	145.52	748.88	987.00	1015.00	1245.19	496.31
900.000	143.15	1427.71	1557.00	1585.00	1814.73	387.02
900.000	144.50	1417.32	1557.00	1585.00	1842.53	425.21
900.000	145.12	1410.71	1557.00	1585.00	1848.96	438.26
900.000	146.64	1382.61	1557.00	1585.00	1864.79	482.18
1500.000	143.84	844.34	988.00	1013.00	1162.10	317.76
1500.000	145.33	827.56	988.00	1013.00	1176.20	340.71
1500.000	146.01	819.92	988.00	1013.00	1183.10	363.19
1500.000	147.67	800.83	988.00	1013.00	1207.17	406.34
2190.000	145.19	913.00	980.00	1010.00	1047.00	134.00
2190.000	146.83	913.00	980.00	1010.00	1047.00	134.00
2190.000	147.58	913.00	980.00	1010.00	1047.00	134.00
2190.000	149.40	913.00	980.00	1010.00	1047.00	134.00

FORMED

SECNO	CWSEL	SSTA	STCHL	SICHR	ENDST	TUPWID
2241.000	145.43	950.00	950.00	1049.00	1049.00	99.00
2241.000	147.11	950.00	950.00	1049.00	1049.00	99.00
2241.000	147.88	950.00	950.00	1049.00	1049.00	99.00
2241.000	149.76	950.00	950.00	1049.00	1049.00	99.00
2254.000	145.52	950.00	950.00	1049.00	1049.00	99.00
* 2254.000	147.80	950.00	950.00	1049.00	1049.00	99.00
* 2254.000	148.85	950.00	950.00	1049.00	1049.00	99.00
* 2254.000	151.42	950.00	950.00	1049.00	1049.00	99.00
2300.000	145.72	903.00	950.00	1049.00	1095.00	192.00
2300.000	148.04	903.00	950.00	1049.00	1095.00	192.00
2300.000	149.13	903.00	950.00	1049.00	1095.00	192.00
2300.000	151.82	903.00	950.00	1049.00	1095.00	192.00
2600.000	145.96	1442.64	1528.00	1550.00	1750.00	307.36
2600.000	148.26	1434.32	1528.00	1550.00	1750.00	315.68
2600.000	149.36	1387.82	1528.00	1550.00	1750.00	362.18
2600.000	152.08	1380.00	1528.00	1550.00	1750.00	370.00
4360.000	147.98	915.83	988.00	1012.00	1034.62	118.79
4360.000	149.88	882.12	988.00	1012.00	1046.27	164.16
4360.000	150.88	862.18	988.00	1012.00	1048.93	186.75
4360.000	153.45	557.27	988.00	1012.00	1054.47	497.20
5684.000	150.50	1297.85	1790.00	1828.00	1884.95	492.40
5684.000	152.11	1265.09	1790.00	1828.00	1897.70	632.82
5684.000	152.86	1249.54	1790.00	1828.00	1959.06	709.52
5684.000	154.88	1208.52	1790.00	1828.00	2042.07	833.55
5734.000	150.26	1797.00	1797.00	1833.00	1833.00	36.00
5734.000	152.14	1274.81	1797.00	1833.00	1833.00	558.19
5734.000	152.90	1263.83	1797.00	1833.00	1961.99	698.16
5734.000	154.91	1234.67	1797.00	1833.00	2042.69	808.02
5746.000	150.42	1797.00	1797.00	1833.00	1833.00	36.00
5746.000	153.79	1250.76	1797.00	1833.00	2014.94	764.19
* 5746.000	154.43	1241.50	1797.00	1833.00	2030.91	789.41
* 5746.000	155.75	1222.52	1797.00	1833.00	2063.64	841.12
5796.000	151.05	1290.86	1790.00	1828.00	1887.67	542.95
5796.000	153.80	1234.54	1790.00	1828.00	2010.15	775.64
5796.000	154.44	1221.55	1790.00	1828.00	2026.10	804.55
5796.000	155.76	1200.00	1790.00	1828.00	2059.13	859.13
6100.000	151.15	964.31	960.00	1025.00	1021.22	56.91
6100.000	153.73	806.58	960.00	1025.00	1024.65	218.07
6100.000	154.34	728.29	960.00	1025.00	1027.56	299.27
6100.000	155.62	721.88	960.00	1025.00	1037.18	315.29
6335.000	151.57	1625.23	1623.00	1690.00	1684.59	59.35
6335.000	154.30	1436.84	1623.00	1690.00	1688.66	251.82
6335.000	155.03	1397.00	1623.00	1690.00	1689.75	292.75
6335.000	156.56	1362.22	1623.00	1690.00	1833.01	437.79

SECNO	CWSEL	SSTA	STCHL	STCHR	EADSI	TOPWID
6304.000	151.30	985.00	985.00	1011.00	1011.00	26.00
6304.000	153.69	985.00	985.00	1011.00	1011.00	26.00
6304.000	154.04	985.00	985.00	1011.00	1011.00	26.00
6304.000	156.25	694.83	985.00	1011.00	1173.45	478.62
6417.000	151.30	985.00	985.00	1011.00	1011.00	26.00
6417.000	154.62	985.00	985.00	1011.00	1011.00	26.00
6417.000	155.78	985.00	985.00	1011.00	1011.00	26.00
6417.000	157.05	780.44	985.00	1011.00	1106.49	326.55
6435.000	151.57	985.00	985.00	1021.00	1021.00	36.00
6435.000	155.21	985.00	985.00	1021.00	1021.00	36.00
6435.000	156.61	985.00	985.00	1021.00	1021.00	36.00
6435.000	157.36	985.00	985.00	1021.00	1021.00	36.00
6455.000	151.93	1401.76	1565.00	1602.00	1602.00	200.24
6455.000	155.88	1271.84	1565.00	1602.00	1737.55	465.72
6455.000	157.48	1250.56	1565.00	1602.00	1769.57	519.02
6455.000	159.60	1230.89	1565.00	1602.00	1808.53	577.64
6465.000	162.54	1140.36	1565.00	1602.00	1850.69	710.33
6465.000	163.58	1106.97	1565.00	1602.00	1865.46	758.51
6465.000	163.93	1096.20	1565.00	1602.00	1870.56	774.36
6465.000	164.54	1079.88	1565.00	1602.00	1879.11	799.23
6500.000	162.55	1146.73	1165.00	1755.00	1784.09	637.36
6500.000	163.59	1140.49	1165.00	1755.00	1791.86	651.39
6500.000	163.95	1138.36	1165.00	1755.00	1794.55	656.19
6500.000	164.59	1132.71	1165.00	1755.00	1803.82	671.11
9610.000	162.55	1091.75	1124.00	1518.00	1566.87	475.12
9610.000	163.59	1080.25	1124.00	1518.00	1589.24	506.59
9610.000	163.95	1076.27	1124.00	1518.00	1596.99	520.71
9610.000	164.59	1069.35	1124.00	1518.00	1697.86	628.51
13280.000	162.56	1215.97	1279.00	1495.00	1536.49	320.53
13280.000	163.63	1199.70	1279.00	1495.00	1540.96	341.27
13280.000	164.01	1196.07	1279.00	1495.00	1542.54	346.47
13280.000	164.73	1169.17	1279.00	1495.00	1545.52	356.35
15270.000	163.56	854.45	990.00	1018.00	1104.08	249.63
15270.000	165.04	841.13	990.00	1018.00	1119.44	276.31
15270.000	165.68	837.59	990.00	1018.00	1122.11	284.52
15270.000	167.26	828.69	990.00	1018.00	1128.84	300.15
17075.000	166.20	1112.37	1389.00	1419.00	1528.10	415.72
17075.000	167.46	1102.00	1389.00	1419.00	1553.17	451.17
17075.000	168.06	1098.30	1389.00	1419.00	1563.92	465.62
17075.000	169.64	1090.97	1389.00	1419.00	1587.24	496.27
18580.000	168.39	1084.55	1266.00	1289.00	1352.89	266.34
18580.000	169.61	1074.37	1266.00	1289.00	1361.69	286.71
18580.000	170.19	1069.63	1266.00	1289.00	1364.91	295.29
18580.000	171.72	1056.90	1266.00	1289.00	1371.03	314.13

SECNO	CNSL	SSTA	STCHL	STCHR	ENDST	TOPWID
19700.000	171.17	860.71	996.00	1014.00	1087.96	227.24
19700.000	172.50	834.27	996.00	1014.00	1097.49	263.23
19700.000	173.11	827.27	996.00	1014.00	1100.53	273.27
19700.000	174.68	811.22	996.00	1014.00	1110.10	298.88
19900.000	171.69	1342.00	1373.00	1394.00	1428.00	86.00
19900.000	173.01	1342.00	1373.00	1394.00	1428.00	86.00
19900.000	173.59	1342.00	1373.00	1394.00	1428.00	86.00
19900.000	175.27	1239.57	1373.00	1394.00	1473.41	233.84
19950.000	172.06	1358.00	1358.00	1410.00	1410.00	52.00
19950.000	173.51	1358.00	1358.00	1410.00	1410.00	52.00
19950.000	174.14	1358.00	1358.00	1410.00	1410.00	52.00
19950.000	175.56	1227.72	1358.00	1410.00	1410.00	182.26
19980.000	172.11	1358.00	1358.00	1410.00	1410.00	52.00
19980.000	173.62	1358.00	1358.00	1410.00	1410.00	52.00
19980.000	174.30	1358.00	1358.00	1410.00	1410.00	52.00
* 19980.000	178.02	1161.32	1358.00	1410.00	1410.00	248.66
20030.000	172.26	1307.00	1373.00	1394.00	1455.70	128.70
20030.000	174.05	1307.00	1373.00	1394.00	1456.21	149.21
20030.000	174.91	1307.00	1373.00	1394.00	1459.00	152.00
20030.000	178.16	1162.14	1373.00	1394.00	1501.75	339.61
20675.000	173.61	931.27	989.00	1009.00	1154.92	223.65
20675.000	175.40	902.83	989.00	1009.00	1169.19	266.36
20675.000	176.23	874.58	989.00	1009.00	1174.59	306.01
20675.000	178.87	735.73	989.00	1009.00	1182.05	446.32
21570.000	175.19	1141.00	1156.00	1174.00	1189.00	48.00
21570.000	176.31	1127.26	1156.00	1174.00	1392.96	265.70
21570.000	177.13	1124.25	1156.00	1174.00	1400.88	276.64
21570.000	179.54	1115.33	1156.00	1174.00	1417.54	302.61
21620.000	175.15	1158.00	1158.00	1172.00	1172.00	14.00
* 21620.000	176.68	1125.16	1158.00	1172.00	1396.60	271.44
21620.000	177.18	1123.22	1158.00	1172.00	1401.23	278.01
21620.000	179.59	1114.45	1158.00	1172.00	1417.81	303.37
21636.000	175.57	1158.00	1158.00	1172.00	1172.00	14.00
21636.000	178.90	1116.82	1158.00	1172.00	1413.15	296.33
21636.000	179.52	1114.63	1158.00	1172.00	1417.45	302.62
* 21636.000	181.16	1108.93	1158.00	1172.00	1428.66	319.74
21686.000	176.60	1128.75	1156.00	1174.00	1172.00	43.24
21686.000	178.91	1120.22	1156.00	1174.00	1468.40	268.16
21686.000	179.53	1117.92	1156.00	1174.00	1412.71	294.19
21686.000	181.17	1111.88	1156.00	1174.00	1424.01	312.13

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CASEL	CAIRS	EL	ICRAS	VCH	AREA	.01N
59500.000	0.00	0.00	0.00	135.70	1720.00	140.84	0.00	141.07	60.19	4.45	863.70	221.70
59500.000	0.00	0.00	0.00	135.70	2860.00	141.62	0.00	141.62	59.60	5.02	1266.90	370.26
59500.000	0.00	0.00	0.00	135.70	3530.00	141.98	0.00	142.19	59.94	5.31	1469.26	455.95
59500.000	0.00	0.00	0.00	135.70	5600.00	142.93	0.00	143.10	59.82	6.00	2010.11	724.03
59505.000	5.00	0.00	0.00	135.70	1720.00	140.53	0.00	141.10	57.37	4.37	860.07	221.09
59505.000	5.00	0.00	0.00	135.70	2860.00	141.66	0.00	141.85	57.52	4.95	1264.65	371.09
59505.000	5.00	0.00	0.00	135.70	3530.00	142.02	0.00	142.22	58.00	5.24	1466.34	463.52
59505.000	5.00	0.00	0.00	135.70	5600.00	142.97	0.00	143.21	58.31	5.95	2035.65	733.37
59525.000	20.00	0.00	0.00	135.70	1720.00	141.07	0.00	141.21	45.55	4.00	961.70	254.06
59525.000	20.00	0.00	0.00	135.70	2860.00	141.60	0.00	141.96	45.12	4.67	1358.24	406.06
59525.000	20.00	0.00	0.00	135.70	3530.00	142.15	0.00	142.34	50.27	4.97	1562.14	497.07
59525.000	20.00	0.00	0.00	135.70	5600.00	143.16	0.00	143.32	52.21	5.72	2112.90	775.05
59555.000	30.00	0.00	0.00	135.70	1720.00	141.23	0.00	141.54	36.40	3.67	1046.37	282.05
59555.000	30.00	0.00	0.00	135.70	2860.00	141.96	0.00	142.10	40.50	4.35	1454.36	444.41
59555.000	30.00	0.00	0.00	135.70	3530.00	142.32	0.00	142.48	42.11	4.66	1666.77	544.00
59555.000	30.00	0.00	0.00	135.70	5600.00	143.26	0.00	143.47	45.31	5.43	2210.07	631.94
59615.000	60.00	0.00	0.00	135.70	1720.00	141.44	0.00	141.53	27.12	3.29	1166.29	330.29
59615.000	60.00	0.00	0.00	135.70	2860.00	142.21	0.00	142.32	30.96	3.94	1597.00	515.95
59615.000	60.00	0.00	0.00	135.70	3530.00	142.58	0.00	142.71	32.64	4.25	1812.23	517.90
59615.000	60.00	0.00	0.00	135.70	5600.00	143.56	0.00	143.72	36.10	5.01	2391.32	632.03
59750.000	135.00	0.00	0.00	135.70	1720.00	141.77	0.00	141.83	18.09	2.83	1349.41	404.36
59750.000	135.00	0.00	0.00	135.70	2860.00	142.59	0.00	142.67	21.30	3.43	1815.93	619.75
59750.000	135.00	0.00	0.00	135.70	3530.00	142.96	0.00	143.08	22.77	3.73	2047.62	739.76
59750.000	135.00	0.00	0.00	135.70	5600.00	144.01	0.00	144.14	26.18	4.47	2661.82	1094.49
1.000	1.00	0.00	0.00	134.20	1270.00	141.76	0.00	141.84	19.84	3.35	928.03	265.12
1.000	1.00	0.00	0.00	134.20	2410.00	142.55	0.00	142.70	32.67	4.65	1246.10	421.67
1.000	1.00	0.00	0.00	134.20	3080.00	142.94	0.00	143.11	38.10	5.21	1409.62	498.97
1.000	1.00	0.00	0.00	134.20	5150.00	143.95	0.00	144.19	45.60	6.48	1855.45	731.27
400.000	400.00	0.00	0.00	134.60	1270.00	142.49	0.00	142.57	10.40	3.15	948.13	313.65
400.000	400.00	0.00	0.00	134.60	2410.00	143.65	0.00	143.76	21.74	4.05	1373.22	516.64
400.000	400.00	0.00	0.00	134.60	3080.00	144.19	0.00	144.31	23.65	4.44	1505.31	630.71
400.000	400.00	0.00	0.00	134.60	5150.00	145.52	0.00	145.69	28.55	5.37	2104.34	963.78
900.000	500.00	0.00	0.00	135.20	1270.00	143.15	0.00	143.19	9.83	2.45	1170.11	405.14
900.000	500.00	0.00	0.00	135.20	2410.00	144.50	0.00	144.56	12.44	3.13	1727.25	663.43
900.000	500.00	0.00	0.00	135.20	3080.00	145.12	0.00	145.19	13.57	3.44	1920.88	836.09
900.000	500.00	0.00	0.00	135.20	5150.00	146.64	0.00	146.73	16.20	4.19	2607.37	1279.53
1500.000	600.00	0.00	0.00	136.20	1270.00	143.84	0.00	143.90	15.08	3.03	961.97	327.05
1500.000	600.00	0.00	0.00	136.20	2410.00	145.33	0.00	145.41	16.97	3.66	1458.47	564.94
1500.000	600.00	0.00	0.00	136.20	3080.00	146.61	0.00	146.10	17.97	4.00	1700.35	726.60
1500.000	600.00	0.00	0.00	136.20	5150.00	147.67	0.00	147.79	20.27	4.77	2359.04	1143.96
2190.000	690.00	0.00	0.00	138.20	1270.00	145.19	0.00	145.42	38.57	4.69	477.74	204.49
2190.000	690.00	0.00	0.00	138.20	2410.00	146.83	0.00	147.19	47.60	6.17	697.41	351.54
2190.000	690.00	0.00	0.00	138.20	3080.00	147.58	0.00	148.02	51.44	6.90	798.36	429.44
2190.000	690.00	0.00	0.00	138.20	5150.00	149.40	0.00	150.11	64.47	8.87	1042.25	641.56

CLIP COPY

RECNO	KLCH	ELTRD	ELLC	ELMIN	G	CWSEL	CRWS	EB	IGK*5	VCH	AREA	.01K
2241.000	51.00	0.00	0.00	138.40	1270.00	145.43	0.00	145.60	28.81	3.27	388.74	236.61
2241.000	51.00	0.00	0.00	138.40	2410.00	147.11	0.00	147.40	51.86	4.35	554.40	426.95
2241.000	51.00	0.00	0.00	138.40	3080.00	147.88	0.00	148.25	53.86	4.88	630.92	529.28
2241.000	51.00	0.00	0.00	138.40	5150.00	149.76	0.00	150.38	40.12	6.30	817.44	813.10
2254.000	13.00	156.50	154.60	138.40	1270.00	145.52	0.00	145.88	26.74	3.19	397.57	245.61
2254.000	13.00	156.50	154.60	138.40	2410.00	147.80	0.00	148.03	21.67	3.87	622.82	517.77
2254.000	13.00	156.50	154.60	138.40	3080.00	148.85	0.00	149.13	21.12	4.23	727.37	670.13
2254.000	13.00	156.50	154.60	138.40	5150.00	151.42	0.00	151.85	21.93	5.25	901.27	1099.63
2300.000	46.00	0.00	0.00	138.40	1270.00	145.72	0.00	145.78	12.48	2.25	695.06	359.35
2300.000	46.00	0.00	0.00	138.40	2410.00	148.04	0.00	148.12	9.41	2.62	1140.40	785.01
2300.000	46.00	0.00	0.00	138.40	3080.00	149.13	0.00	149.23	8.96	2.84	1350.42	1028.67
2300.000	46.00	0.00	0.00	138.40	5150.00	151.82	0.00	151.96	8.90	3.40	1866.65	1720.04
2600.000	300.00	0.00	0.00	137.60	1270.00	145.96	0.00	145.99	5.61	1.99	1190.01	535.98
2600.000	300.00	0.00	0.00	137.60	2410.00	148.26	0.00	148.29	4.70	2.17	1905.04	1111.10
2600.000	300.00	0.00	0.00	137.60	3080.00	149.36	0.00	149.39	4.52	2.29	2204.51	1448.98
2600.000	300.00	0.00	0.00	137.60	5150.00	152.08	0.00	152.13	4.28	2.58	3272.89	2489.27
4360.000	1760.00	0.00	0.00	139.70	1270.00	147.98	0.00	148.71	95.43	7.34	246.98	130.01
4360.000	1760.00	0.00	0.00	139.70	2410.00	149.88	0.00	150.52	75.85	7.80	516.93	270.72
4360.000	1760.00	0.00	0.00	139.70	3080.00	150.88	0.00	151.44	61.90	7.61	894.57	391.48
4360.000	1760.00	0.00	0.00	139.70	5150.00	153.45	0.00	153.88	38.42	7.06	1428.93	830.64
5684.000	1324.00	0.00	0.00	141.30	1270.00	150.50	0.00	150.53	5.29	2.07	1189.48	552.10
5684.000	1324.00	0.00	0.00	141.30	2410.00	152.11	0.00	152.15	5.20	2.34	2136.93	1056.41
5684.000	1324.00	0.00	0.00	141.30	3080.00	152.86	0.00	152.90	4.98	2.41	2634.13	1360.09
5684.000	1324.00	0.00	0.00	141.30	5150.00	154.88	0.00	154.92	4.18	2.50	4212.64	2518.28
5734.000	50.00	0.00	0.00	140.90	1270.00	150.26	0.00	150.80	62.61	5.88	215.90	160.30
5734.000	50.00	0.00	0.00	140.90	2410.00	152.14	0.00	152.18	7.23	2.43	1807.82	898.00
5734.000	50.00	0.00	0.00	140.90	3080.00	152.90	0.00	152.93	5.83	2.32	2505.56	1275.35
5734.000	50.00	0.00	0.00	140.90	5150.00	154.91	0.00	154.94	4.87	2.38	4106.52	2383.93
5746.000	12.00	152.80	152.45	140.90	1270.00	150.42	0.00	150.93	57.56	5.73	221.57	167.39
5746.000	12.00	152.80	152.45	140.90	2410.00	153.79	0.00	153.86	1.96	1.43	3234.03	1723.30
5746.000	12.00	152.80	152.45	140.90	3080.00	154.43	0.00	154.44	2.17	1.50	3730.24	2089.23
5746.000	12.00	152.80	152.45	140.90	5150.00	155.75	0.00	155.77	3.63	2.02	4797.64	2959.71
5796.000	50.00	0.00	0.00	141.50	1240.00	151.05	0.00	151.07	3.38	1.71	1366.85	674.03
5796.000	50.00	0.00	0.00	141.50	2370.00	153.80	0.00	153.81	1.60	1.43	3188.49	1873.16
5796.000	50.00	0.00	0.00	141.50	3030.00	154.44	0.00	154.45	1.79	1.58	3609.49	2264.26
5796.000	50.00	0.00	0.00	141.50	5080.00	155.76	0.00	155.78	2.48	2.00	4791.23	3212.18
6100.000	304.00	0.00	0.00	142.60	1240.00	151.15	0.00	151.35	19.92	3.53	351.02	277.01
6100.000	304.00	0.00	0.00	142.60	2370.00	153.73	0.00	154.08	25.00	4.83	549.92	474.02
6100.000	304.00	0.00	0.00	142.60	3030.00	154.34	0.00	154.75	29.58	5.27	719.78	557.08
6100.000	304.00	0.00	0.00	142.60	5080.00	155.82	0.00	156.19	38.75	6.62	1113.68	812.09
6335.000	235.00	0.00	0.00	141.80	1240.00	151.57	0.00	151.70	11.34	2.91	425.08	368.21
6335.000	235.00	0.00	0.00	141.80	2370.00	154.30	0.00	154.53	14.44	3.08	700.58	613.14
6335.000	235.00	0.00	0.00	141.80	3030.00	155.03	0.00	155.31	17.29	4.35	904.61	728.70
6335.000	235.00	0.00	0.00	141.80	5080.00	156.36	0.00	156.92	21.73	5.37	1431.39	1085.42

11111111

SECNO	XLCH	ELTRD	ELLC	ELMIN	G	CWSEL	CRWS	EG	ICKAS	VCH	AREA	.QIK
6384.000	49.00	0.00	0.00	143.90	1240.00	151.30	0.00	151.95	5.35	6.44	192.47	536.32
6384.000	49.00	0.00	0.00	143.90	2370.00	153.69	0.00	155.03	8.47	9.31	254.60	814.32
6384.000	49.00	0.00	0.00	143.90	3030.00	154.04	0.00	156.09	12.44	11.49	263.71	850.91
6384.000	49.00	0.00	0.00	143.90	5060.00	156.25	0.00	157.22	6.69	9.92	1778.23	1956.43
6417.000	33.00	157.00	154.00	143.90	1240.00	151.30	0.00	151.95	5.35	6.44	192.47	536.30
6417.000	33.00	157.00	154.00	143.90	2370.00	154.62	0.00	155.74	6.02	8.50	278.80	907.41
6417.000	33.00	157.00	154.00	143.90	3030.00	155.70	0.00	157.27	8.20	9.81	308.77	1050.43
6417.000	33.00	157.00	154.00	143.90	5060.00	157.05	154.43	159.30	11.69	12.87	892.20	1479.06
6435.000	18.00	0.00	0.00	145.00	1240.00	151.57	0.00	152.00	3.44	5.24	238.65	668.55
6435.000	18.00	0.00	0.00	145.00	2360.00	155.21	0.00	155.85	3.45	6.42	307.75	1071.14
6435.000	18.00	0.00	0.00	145.00	3020.00	156.61	0.00	157.42	3.93	7.23	417.01	1522.01
6435.000	18.00	0.00	0.00	145.00	5050.00	157.36	0.00	159.36	9.20	11.34	445.22	1664.54
6455.000	20.00	0.00	0.00	144.00	1240.00	151.53	0.00	152.00	0.70	3.29	668.55	1479.90
6455.000	20.00	0.00	0.00	144.00	2360.00	155.88	0.00	155.90	0.36	3.05	2684.61	3931.02
6455.000	20.00	0.00	0.00	144.00	3020.00	157.46	0.00	157.50	0.33	3.22	3474.42	5243.55
6455.000	20.00	0.00	0.00	144.00	5050.00	159.60	0.00	159.74	0.47	4.25	4636.55	7329.21
6465.000	10.00	159.10	144.10	144.00	1240.00	162.54	0.00	162.55	0.01	0.78	6532.90	10950.00
6465.000	10.00	159.10	144.10	144.00	2360.00	163.58	0.00	163.59	0.04	1.36	7293.21	12427.31
6465.000	10.00	159.10	144.10	144.00	3020.00	163.93	0.00	163.95	0.05	1.09	7505.74	12963.13
6465.000	10.00	159.10	144.10	144.00	5050.00	164.54	0.00	164.58	0.13	2.09	8036.64	13901.50
6500.000	35.00	0.00	0.00	144.00	1240.00	162.55	0.00	162.55	0.00	0.17	7402.67	39510.48
6500.000	35.00	0.00	0.00	144.00	2360.00	163.59	0.00	163.59	0.00	0.29	8132.21	45140.21
6500.000	35.00	0.00	0.00	144.00	3020.00	163.95	0.00	163.95	0.00	0.37	8364.75	47130.04
6500.000	35.00	0.00	0.00	144.00	5050.00	164.55	0.00	164.59	0.01	0.59	8794.39	50860.91
9610.000	3110.00	0.00	0.00	152.00	1020.00	162.55	0.00	162.55	0.02	0.29	3579.25	7333.05
9610.000	3110.00	0.00	0.00	152.00	1970.00	163.59	0.00	163.60	0.03	0.50	4093.90	8882.04
9610.000	3110.00	0.00	0.00	152.00	2520.00	163.95	0.00	163.96	0.07	0.62	4280.36	9449.73
9610.000	3110.00	0.00	0.00	152.00	4270.00	164.59	0.00	164.61	0.17	0.99	4636.35	10482.19
13280.000	3670.00	0.00	0.00	154.90	990.00	162.56	0.00	162.56	2.14	0.93	1111.31	676.28
13280.000	3670.00	0.00	0.00	154.90	1910.00	163.63	0.00	163.66	3.03	1.47	1466.44	1002.01
13280.000	3670.00	0.00	0.00	154.90	2440.00	164.01	0.00	164.05	4.05	1.73	1590.24	1131.34
13280.000	3670.00	0.00	0.00	154.90	4125.00	164.73	0.00	164.82	6.72	2.50	1648.15	1397.10
15270.000	1990.00	0.00	0.00	159.10	990.00	163.56	0.00	163.64	27.97	3.16	542.52	187.18
15270.000	1990.00	0.00	0.00	159.10	1910.00	165.04	0.00	165.13	21.76	3.45	940.64	409.42
15270.000	1990.00	0.00	0.00	159.10	2440.00	165.08	0.00	165.77	21.21	3.67	1117.66	529.06
15270.000	1990.00	0.00	0.00	159.10	4125.00	167.26	0.00	167.39	21.26	4.29	1580.40	894.00
17075.000	1805.00	0.00	0.00	161.30	990.00	166.20	0.00	166.22	8.73	1.71	1001.34	335.08
17075.000	1805.00	0.00	0.00	161.30	1910.00	167.46	0.00	167.49	8.76	2.00	1544.71	644.52
17075.000	1805.00	0.00	0.00	161.30	2440.00	168.66	0.00	168.09	8.66	2.29	1822.96	820.92
17075.000	1805.00	0.00	0.00	161.30	4125.00	169.84	0.00	169.69	8.54	2.63	2579.93	1411.08
18580.000	1505.00	0.00	0.00	164.20	990.00	168.39	0.00	168.44	29.47	2.60	618.11	182.37
18580.000	1505.00	0.00	0.00	164.20	1910.00	169.61	0.00	169.69	28.49	3.52	959.33	357.02
18580.000	1505.00	0.00	0.00	164.20	2440.00	170.19	0.00	170.28	28.46	3.81	1126.32	457.36
18580.000	1505.00	0.00	0.00	164.20	4125.00	171.72	0.00	171.85	27.96	4.51	1590.01	780.08

11/11/80

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CASEL	CRHS	EG	10KAS	VCH	AREA	.01K
19780.000	1120.00	0.00	0.00	165.00	990.00	171.17	0.00	171.26	22.91	3.57	572.22	206.03
19780.000	1120.00	0.00	0.00	165.00	1910.00	172.50	0.00	172.62	25.35	4.34	501.18	379.38
19780.000	1120.00	0.00	0.00	165.00	2440.00	173.11	0.00	173.24	25.99	4.65	1604.39	470.61
19780.000	1120.00	0.00	0.00	165.00	4125.00	174.68	0.00	174.85	27.23	5.41	1514.63	790.54
19900.000	200.00	0.00	0.00	165.10	990.00	171.69	0.00	172.05	55.82	5.64	273.90	132.51
19900.000	200.00	0.00	0.00	165.10	1910.00	173.01	0.00	173.65	60.72	7.00	389.01	212.59
19900.000	200.00	0.00	0.00	165.10	2440.00	173.59	0.00	174.39	94.36	8.67	437.64	251.16
19900.000	200.00	0.00	0.00	165.10	4125.00	175.27	0.00	175.77	62.03	8.21	996.76	523.77
19950.000	50.00	0.00	0.00	164.40	920.00	172.06	0.00	172.28	29.25	3.60	249.99	170.12
19950.000	50.00	0.00	0.00	164.40	1795.00	173.51	0.00	173.98	46.86	5.52	325.08	262.22
19950.000	50.00	0.00	0.00	164.40	2295.00	174.14	0.00	174.78	55.17	6.41	356.14	307.31
19950.000	50.00	0.00	0.00	164.40	3895.00	175.56	0.00	176.03	41.26	6.33	885.15	606.23
19980.000	30.00	177.60	176.80	164.40	920.00	172.11	0.00	172.31	28.44	3.65	232.12	172.52
19980.000	30.00	177.60	176.80	164.40	1795.00	173.62	0.00	174.07	44.34	5.43	430.61	269.57
19980.000	30.00	177.60	176.80	164.40	2295.00	174.30	0.00	174.91	51.89	6.27	366.13	316.00
19980.000	30.00	177.60	176.80	164.40	3895.00	178.02	0.00	178.21	13.34	4.28	1411.15	1066.28
20030.000	50.00	0.00	0.00	165.40	920.00	172.26	0.00	172.47	33.15	4.46	359.68	159.84
20030.000	50.00	0.00	0.00	165.40	1795.00	174.05	0.00	174.31	33.28	5.35	609.05	311.14
20030.000	50.00	0.00	0.00	165.40	2295.00	174.91	0.00	175.18	32.26	5.64	740.21	464.06
20030.000	50.00	0.00	0.00	165.40	3895.00	176.16	0.00	176.29	14.25	4.64	1736.45	1031.72
20675.000	645.00	0.00	0.00	166.00	890.00	173.61	0.00	173.67	11.67	2.74	656.51	250.32
20675.000	645.00	0.00	0.00	166.00	1720.00	175.40	0.00	175.46	11.05	3.11	1090.87	517.79
20675.000	645.00	0.00	0.00	166.00	2210.00	176.23	0.00	176.30	10.76	3.27	1324.31	673.01
20675.000	645.00	0.00	0.00	166.00	3760.00	178.67	0.00	178.93	7.53	3.25	2356.44	1370.22
21570.000	895.00	0.00	0.00	166.70	840.00	175.19	0.00	175.52	41.17	5.15	228.79	130.91
21570.000	895.00	0.00	0.00	166.70	1630.00	176.31	0.00	176.36	9.36	2.72	1160.61	532.69
21570.000	895.00	0.00	0.00	166.70	2090.00	177.13	0.00	177.18	5.22	2.83	1382.39	680.30
21570.000	895.00	0.00	0.00	166.70	3570.00	179.54	0.00	179.60	7.93	3.14	2081.68	1267.58
21620.000	50.00	0.00	0.00	167.20	840.00	175.15	0.00	176.14	150.45	7.96	105.46	63.46
21620.000	50.00	0.00	0.00	167.20	1630.00	176.68	176.68	176.71	2.67	2.34	1252.26	573.79
21620.000	50.00	0.00	0.00	167.20	2090.00	177.16	0.00	177.23	9.76	2.67	1386.93	660.66
21620.000	50.00	0.00	0.00	167.20	3570.00	179.59	0.00	179.64	6.34	2.87	2088.36	1236.41
21636.000	16.00	177.00	175.70	167.20	840.00	175.57	0.00	176.45	128.57	7.55	111.29	74.06
21636.000	16.00	177.00	175.70	167.20	1630.00	178.90	0.00	178.91	2.36	1.47	1605.70	1060.13
21636.000	16.00	177.00	175.70	167.20	2090.00	179.52	0.00	179.54	2.92	1.69	2072.43	1222.23
21636.000	16.00	177.00	175.70	167.20	3570.00	181.16	0.00	181.19	4.43	2.27	2578.54	1696.20
21686.000	50.00	0.00	0.00	167.40	830.00	176.60	0.00	176.94	49.66	5.12	205.98	118.50
21686.000	50.00	0.00	0.00	167.40	1620.00	178.91	0.00	178.93	3.04	1.79	1696.35	929.33
21686.000	50.00	0.00	0.00	167.40	2680.00	179.53	0.00	179.56	3.69	2.05	1872.50	1082.62
21686.000	50.00	0.00	0.00	167.40	3550.00	181.17	0.00	181.22	5.34	2.72	2365.56	1536.47

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CHSEL	DIFWSP	DIFWSX	DIFKWS	TOPKID	XLCP
59500.000	1720.00	140.89	0.00	0.00	-1.11	542.34	0.00
59500.000	2860.00	141.62	0.73	0.00	-2.28	560.62	0.00
59500.000	3530.00	141.98	0.36	0.00	-3.02	569.57	0.00
59500.000	5600.00	142.93	0.95	0.00	-4.07	586.32	0.00
59505.000	1720.00	140.93	0.00	0.04	0.00	543.10	5.00
59505.000	2860.00	141.66	0.73	0.04	0.00	561.37	5.00
59505.000	3530.00	142.02	0.36	0.04	0.00	570.23	5.00
59505.000	5600.00	142.97	0.95	0.04	0.00	586.84	5.00
59525.000	1720.00	141.07	0.00	0.14	0.00	546.84	20.00
59525.000	2860.00	141.80	0.72	0.14	0.00	564.66	20.00
59525.000	3530.00	142.15	0.36	0.14	0.00	572.55	20.00
59525.000	5600.00	143.10	0.95	0.13	0.00	589.14	20.00
59555.000	1720.00	141.23	0.00	0.15	0.00	550.70	30.00
59555.000	2860.00	141.96	0.73	0.16	0.00	568.92	30.00
59555.000	3530.00	142.32	0.36	0.17	0.00	575.55	30.00
59555.000	5600.00	143.28	0.95	0.17	0.00	592.20	30.00
59615.000	1720.00	141.44	0.00	0.22	0.00	556.12	60.00
59615.000	2860.00	142.21	0.76	0.25	0.00	573.61	60.00
59615.000	3530.00	142.58	0.37	0.26	0.00	580.14	60.00
59615.000	5600.00	143.56	0.98	0.28	0.00	597.35	60.00
59750.000	1720.00	141.77	0.00	0.33	0.00	564.29	135.00
59750.000	2860.00	142.59	0.81	0.36	0.00	580.25	135.00
59750.000	3530.00	142.98	0.40	0.40	0.00	587.20	135.00
59750.000	5600.00	144.01	1.03	0.46	0.00	605.29	135.00
1.000	1270.00	141.76	0.00	-0.01	0.00	395.33	1.00
1.000	2410.00	142.55	0.79	-0.04	0.00	415.72	1.00
1.000	3080.00	142.94	0.39	-0.04	0.00	425.79	1.00
1.000	5150.00	143.95	1.01	-0.07	0.00	474.69	1.00
400.000	1270.00	142.49	0.00	0.73	0.00	356.03	400.00
400.000	2410.00	143.65	1.16	1.10	0.00	381.95	400.00
400.000	3080.00	144.19	0.54	1.25	0.00	403.07	400.00
400.000	5150.00	145.52	1.33	1.57	0.00	496.31	400.00
900.000	1270.00	143.15	0.00	0.66	0.00	367.02	500.00
900.000	2410.00	144.50	1.35	0.85	0.00	425.21	500.00
900.000	3080.00	145.12	0.62	0.93	0.00	438.26	500.00
900.000	5150.00	146.64	1.52	1.12	0.00	482.18	500.00
1500.000	1270.00	143.84	0.00	0.69	0.00	377.76	600.00
1500.000	2410.00	145.33	1.49	0.82	0.00	448.71	600.00
1500.000	3080.00	146.01	0.68	0.89	0.00	463.19	600.00
1500.000	5150.00	147.67	1.66	1.03	0.00	506.34	600.00
2190.000	1270.00	145.19	0.00	1.36	0.00	434.00	690.00
2190.000	2410.00	146.83	1.64	1.50	1.64	434.00	690.00
2190.000	3080.00	147.58	0.75	1.58	2.39	434.00	690.00
2190.000	5150.00	149.40	1.82	1.73	4.21	434.00	690.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
2241.000	1270.00	145.43	0.00	0.24	0.00	99.00	51.00
2241.000	2410.00	147.11	1.67	0.28	1.67	99.00	51.00
2241.000	3080.00	147.88	0.77	0.30	2.45	99.00	51.00
2241.000	5150.00	149.76	1.88	0.36	4.33	99.00	51.00
2254.000	1270.00	145.52	0.00	0.09	0.00	99.00	13.00
2254.000	2410.00	147.80	2.27	0.69	2.27	99.00	13.00
2254.000	3080.00	148.85	1.06	0.97	3.33	99.00	13.00
2254.000	5150.00	151.42	2.56	1.66	5.90	99.00	13.00
2300.000	1270.00	145.72	0.00	0.19	0.00	192.00	46.00
2300.000	2410.00	148.04	2.32	0.24	2.32	192.00	46.00
2300.000	3080.00	149.13	1.09	0.28	3.41	192.00	46.00
2300.000	5150.00	151.82	2.69	0.40	6.10	192.00	46.00
2600.000	1270.00	145.96	0.00	0.25	0.00	307.36	300.00
2600.000	2410.00	148.26	2.29	0.22	2.29	315.68	300.00
2600.000	3080.00	149.36	1.10	0.23	3.39	362.18	300.00
2600.000	5150.00	152.08	2.73	0.27	6.12	370.00	300.00
4360.000	1270.00	147.98	0.00	2.01	0.00	118.79	1760.00
4360.000	2410.00	149.88	1.90	1.62	1.90	164.16	1760.00
4360.000	3080.00	150.88	1.00	1.52	2.91	186.75	1760.00
4360.000	5150.00	153.45	2.56	1.36	5.47	497.20	1760.00
5684.000	1270.00	150.50	0.00	2.52	0.00	492.40	1324.00
5684.000	2410.00	152.11	1.61	2.23	1.61	632.62	1324.00
5684.000	3080.00	152.86	0.75	1.98	2.37	709.52	1324.00
5684.000	5150.00	154.08	2.02	1.43	4.39	833.55	1324.00
5734.000	1270.00	150.26	0.00	-0.24	0.00	36.00	50.00
5734.000	2410.00	152.14	1.88	0.03	1.88	558.19	50.00
5734.000	3080.00	152.90	0.75	0.03	2.64	698.16	50.00
5734.000	5150.00	154.91	2.01	0.03	4.65	808.02	50.00
5746.000	1270.00	150.42	0.00	0.16	0.00	36.00	12.00
5746.000	2410.00	153.79	3.37	1.65	3.37	764.19	12.00
5746.000	3080.00	154.43	0.64	1.53	4.01	789.41	12.00
5746.000	5150.00	155.75	1.32	0.84	5.33	841.12	12.00
5796.000	1240.00	151.05	0.00	0.63	0.00	542.95	50.00
5796.000	2370.00	153.80	2.75	0.01	2.75	775.24	50.00
5796.000	3030.00	154.44	0.64	0.01	3.39	804.55	50.00
5796.000	5060.00	155.76	1.32	0.01	4.71	859.13	50.00
6100.000	1240.00	151.15	0.00	0.10	0.00	56.91	304.00
6100.000	2370.00	153.73	2.58	-0.07	2.58	218.07	304.00
6100.000	3030.00	154.34	0.61	-0.10	3.19	299.27	304.00
6100.000	5060.00	155.62	1.28	-0.14	4.47	315.29	304.00
6335.000	1240.00	151.57	0.00	0.42	0.00	59.35	235.00
6335.000	2370.00	154.30	2.73	0.57	2.73	251.82	235.00
6335.000	3030.00	155.03	0.73	0.69	3.46	292.75	235.00
6335.000	5060.00	156.56	1.53	0.94	4.99	437.79	235.00

SECNO	Q	CKSEL	DIFWSP	DIFWSX	DIFKMS	TOPWID	XLCH
6384.000	1240.00	151.30	0.00	-0.27	0.00	26.00	49.00
6384.000	2370.00	153.69	2.38	-0.62	2.38	26.00	49.00
6384.000	3030.00	154.04	0.35	-0.99	2.74	26.00	49.00
6384.000	5060.00	156.25	2.21	-0.31	4.95	478.62	49.00
6417.000	1240.00	151.30	0.00	0.00	0.00	26.00	33.00
6417.000	2370.00	154.62	3.32	0.94	3.32	26.00	33.00
6417.000	3030.00	155.78	1.15	1.74	4.47	26.00	33.00
6417.000	5060.00	157.05	1.28	0.81	5.75	328.55	33.00
6435.000	1240.00	151.57	0.00	0.27	0.00	36.00	18.00
6435.000	2360.00	155.21	3.64	0.54	3.64	36.00	18.00
6435.000	3020.00	156.61	1.40	0.83	5.03	36.00	18.00
6435.000	5050.00	157.36	0.76	0.31	5.79	36.00	18.00
6455.000	1240.00	151.93	0.00	0.36	0.00	200.24	20.00
6455.000	2360.00	155.88	3.95	0.67	3.95	465.72	20.00
6455.000	3020.00	157.48	1.60	0.87	5.55	519.82	20.00
6455.000	5050.00	159.60	2.12	2.23	7.67	577.84	20.00
6465.000	1240.00	162.54	0.00	10.62	0.00	710.53	10.00
6465.000	2360.00	163.56	1.03	7.70	1.03	758.51	10.00
6465.000	3020.00	163.93	0.35	6.45	1.39	774.36	10.00
6465.000	5050.00	164.54	0.61	4.94	1.99	799.23	10.00
6500.000	1240.00	162.55	0.00	0.00	0.00	637.36	35.00
6500.000	2360.00	163.59	1.04	0.01	1.04	651.39	35.00
6500.000	3020.00	163.95	0.36	0.02	1.40	656.19	35.00
6500.000	5050.00	164.59	0.64	0.05	2.04	671.11	35.00
9610.000	1020.00	162.55	0.00	0.00	0.00	475.12	3110.00
9610.000	1970.00	163.59	1.04	0.00	1.04	508.99	3110.00
9610.000	2520.00	163.95	0.36	0.00	1.40	520.71	3110.00
9610.000	4270.00	164.59	0.64	0.00	2.04	628.51	3110.00
13280.000	990.00	162.56	0.00	0.02	0.00	320.53	3870.00
13280.000	1910.00	163.63	1.07	0.04	1.07	341.27	3870.00
13280.000	2440.00	164.01	0.58	0.06	1.44	346.47	3870.00
13280.000	4125.00	164.73	0.72	0.14	2.16	358.35	3870.00
15270.000	990.00	163.56	0.00	1.00	0.00	249.63	1990.00
15270.000	1910.00	165.04	1.48	1.41	1.48	278.31	1990.00
15270.000	2440.00	165.68	0.64	1.67	2.11	284.52	1990.00
15270.000	4125.00	167.26	1.58	2.53	3.69	300.15	1990.00
17075.000	990.00	166.20	0.00	2.64	0.00	415.72	1805.00
17075.000	1910.00	167.46	1.25	2.42	1.25	451.17	1805.00
17075.000	2440.00	168.06	0.60	2.38	1.85	465.82	1805.00
17075.000	4125.00	169.64	1.56	2.38	3.44	496.27	1805.00
18580.000	990.00	168.39	0.00	2.18	0.00	268.34	1505.00
18580.000	1910.00	169.61	1.23	2.16	1.23	288.71	1505.00
18580.000	2440.00	170.19	0.57	2.13	1.80	295.29	1505.00
18580.000	4125.00	171.72	1.54	2.08	3.34	314.13	1505.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKAS	TOPWID	XLCP
19700.000	990.00	171.17	0.00	2.79	0.00	227.24	1120.00
19700.000	1910.00	172.50	1.32	2.89	1.32	263.23	1120.00
19700.000	2440.00	173.11	0.61	2.92	1.93	273.27	1120.00
19700.000	4125.00	174.68	1.58	2.96	3.51	298.68	1120.00
19900.000	990.00	171.69	0.00	0.51	0.00	86.00	200.00
19900.000	1910.00	173.01	1.33	0.51	1.33	86.00	200.00
19900.000	2440.00	173.59	0.58	0.48	1.90	86.00	200.00
19900.000	4125.00	175.27	1.68	0.58	3.58	233.64	200.00
19950.000	920.00	172.06	0.00	0.38	0.00	52.00	50.00
19950.000	1795.00	173.51	1.44	0.49	1.44	52.00	50.00
19950.000	2295.00	174.14	0.64	0.55	2.06	52.00	50.00
19950.000	3895.00	175.56	1.42	0.29	3.50	182.28	50.00
19980.000	920.00	172.11	0.00	0.00	0.00	52.00	30.00
19980.000	1795.00	173.62	1.51	0.11	1.51	52.00	30.00
19980.000	2295.00	174.30	0.88	0.16	2.19	52.00	30.00
* 19980.000	3895.00	176.02	3.72	2.46	5.91	248.66	30.00
20030.000	920.00	172.26	0.00	0.16	0.00	126.70	50.00
20030.000	1795.00	174.05	1.79	0.44	1.79	149.61	50.00
20030.000	2295.00	174.91	0.86	0.61	2.65	152.00	50.00
20030.000	3895.00	176.16	3.24	0.14	5.89	339.61	50.00
20675.000	890.00	173.61	0.00	1.35	0.00	223.65	645.00
20675.000	1720.00	175.40	1.78	1.34	1.78	266.36	645.00
20675.000	2210.00	176.23	0.84	1.32	2.62	300.01	645.00
20675.000	3760.00	178.87	2.64	0.71	5.26	446.32	645.00
21570.000	840.00	175.19	0.00	1.58	0.00	48.00	695.00
21570.000	1630.00	176.31	1.12	0.91	1.12	265.70	695.00
21570.000	2090.00	177.13	0.82	0.89	1.94	276.64	695.00
21570.000	3570.00	179.54	2.42	0.67	4.35	302.61	695.00
21620.000	840.00	175.15	0.00	-0.04	0.00	14.00	50.00
* 21620.000	1630.00	176.66	1.53	0.37	1.53	271.44	50.00
21620.000	2090.00	177.18	0.50	0.05	2.03	278.01	50.00
21620.000	3570.00	179.59	2.41	0.05	4.44	303.37	50.00
21636.000	840.00	175.57	0.00	0.42	0.00	14.00	16.00
21636.000	1630.00	178.90	3.33	2.22	3.33	296.33	16.00
21636.000	2090.00	179.52	0.62	2.34	3.95	302.62	16.00
* 21636.000	3570.00	181.16	1.63	1.50	5.99	319.74	16.00
21686.000	830.00	176.60	0.00	1.00	0.00	43.24	50.00
21686.000	1620.00	178.91	2.31	0.01	2.31	268.16	50.00
21686.000	2080.00	179.53	0.82	0.01	2.93	294.79	50.00
21686.000	3550.00	181.17	1.64	0.02	4.57	312.13	50.00

SUMMARY OF ERRORS

CAUTION SECNO= 2254.000 PROFILE= 2 HYDRAULIC JUMP D.S.
CAUTION SECNO= 2254.000 PROFILE= 3 HYDRAULIC JUMP D.S.
CAUTION SECNO= 2254.000 PROFILE= 4 HYDRAULIC JUMP D.S.
CAUTION SECNO= 5746.000 PROFILE= 3 HYDRAULIC JUMP D.S.

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

C
 T1 FPMB - FIS CUMBERLAND CO NC
 T2 100 YR NATURAL
 T3 BONES CR

J1	ICHECK	ING	NINV	IDIR	STRI	PETRIC	HVINS	L	WSEL	FG
	0.	7.	0.	0.	0.000000	0.00	0.0	0.	141.980	0.000
J2	NPROF	IPL0T	PRFVS	XSECV	XSECH	FN	ALLDC	ISA	CRNIP	JTRACP
	1.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000
J3	VARIABLE CODES FOR SUMMARY PRINTOUT									
	38.000	1.000	3.000	42.000	41.000	5.000	43.000	0.000	38.000	1.000
	53.000	21.000	22.000	54.000	4.000	0.000	200.000	0.000	0.000	0.000
NC	0.120	0.120	0.060	0.200	0.400	0.000	0.000	0.000	0.000	0.000
QT	7.000	3530.000	3530.000	3530.000	1720.000	2860.000	3530.000	5800.000	0.000	0.000

SECTION 60450 CLRF30 L ROCKFISH CR

X1	59500.000	15.000	970.000	1030.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	150.000	590.000	148.000	600.000	148.000	640.000	144.000	655.000	142.000	660.000
GR	140.000	680.000	139.000	970.000	135.700	1000.000	135.000	1020.000	140.000	1200.000
GR	142.000	1230.000	144.000	1260.000	148.000	1290.000	148.000	1330.000	150.000	1360.000
X1	59505.000	0.000	0.000	0.000	5.000	5.000	5.000	0.000	0.000	0.000
X1	59525.000	0.000	0.000	0.000	20.000	20.000	20.000	0.000	0.000	0.000
X1	59555.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.000	0.000
X1	59615.000	0.000	0.000	0.000	60.000	60.000	60.000	0.000	0.000	0.000
X1	59750.000	0.000	0.000	0.000	135.000	135.000	135.000	0.000	0.000	0.000
NC	0.120	0.120	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	7.000	3080.000	3080.000	3080.000	1270.000	2410.000	3080.000	5150.000	0.000	0.000
ET	0.000	3.100	915.000	1145.000	0.000	0.000	0.000	0.000	0.000	0.000

TOPO SECTION

	1.000	17.000	987.000	1015.000	1.000	1.000	1.000	0.000	-0.400	0.000
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	1015,000	140,000	1180,000	142,000	1205,000	144,000	1230,000	146,000	1250,000
ET	0.000	3.100	915,000	1145,000	0.000	0.000	0.000	0.000	0.000
X1	400,000	17,000	987,000	1015,000	400,000	400,000	400,000	0.000	0.000
GR	150,000	555,000	148,000	690,000	146,000	720,000	144,000	640,000	142,000
GR	140,000	890,000	139,700	987,000	134,600	989,000	134,800	1000,000	137,700
GR	139,800	1015,000	140,000	1180,000	142,000	1205,000	144,000	1230,000	146,000
GR	148,000	1265,000	150,000	1303,000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1490,000	1720,000	0.000	0.000	0.000	0.000	0.000

CBO 1 SURVEYED

X1	900,000	20,000	1557,000	1585,000	530,000	460,000	500,000	0.000	0.000	0.000
GR	153,200	1100,000	151,300	1200,000	150,100	1300,000	145,900	1400,000	144,800	1415,000
GR	139,600	1455,000	139,600	1500,000	140,300	1557,000	135,200	1559,000	135,400	1570,000
GR	138,300	1581,000	140,400	1585,000	139,200	1600,000	139,600	1700,000	140,700	1725,000
GR	143,000	1800,000	143,300	1830,000	150,000	1900,000	151,600	2000,000	152,000	2200,000
ET	0.000	3.100	890,000	1120,000	0.000	0.000	0.000	0.000	0.000	0.000

TOPO SECTION

X1	1500,000	20,000	988,000	1013,000	500,000	570,000	600,000	0.000	0.000	0.000
GR	152,000	747,000	150,000	778,000	148,000	797,000	146,000	820,000	142,000	865,000
GR	140,000	960,000	141,000	988,000	136,600	990,000	136,200	1000,000	136,100	1010,000
GR	141,200	1013,000	140,000	1045,000	142,000	1152,000	144,000	1163,000	146,000	1183,000
GR	148,000	1212,000	148,500	1300,000	149,000	1450,000	150,000	1574,000	152,000	1592,000
ET	0.000	3.100	913,000	1047,000	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	9.100	1047,000

X1	2190,000	20,000	980,000	1010,000	630,000	540,000	690,000	0.000	-0.100	0.000
GR	165,000	400,000	154,000	500,000	152,000	650,000	150,000	770,000	146,000	825,000
GR	146,000	850,000	144,000	885,000	142,200	980,000	138,500	990,000	138,300	995,000
GR	139,600	1000,000	141,100	1010,000	142,000	1100,000	142,000	1225,000	146,000	1270,000
GR	148,000	1340,000	150,000	1372,000	152,000	1391,000	160,000	1480,000	164,000	1527,000
NC	0.090	0.090	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	950,000	1049,000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 2 SURVEYED BRIDGE

X1	2241,000	20,000	950,000	1049,000	51,000	51,000	51,000	0.000	0.100	0.000
X3	10,000	0.000	0.000	0.000	0.000	0.000	0.000	157,600	156,000	0.000
GR	165,000	400,000	154,000	500,000	152,000	650,000	150,000	770,000	146,000	825,000
GR	146,000	850,000	144,000	885,000	142,800	950,000	142,400	983,000	138,300	992,000
GR	138,300	1007,000	142,400	1016,000	142,000	1049,000	142,000	1225,000	146,000	1270,000
GR	148,000	1340,000	150,000	1372,000	152,000	1391,000	160,000	1480,000	164,000	1527,000
SB	1,250	1,500	2,500	0.000	15,000	7,000	925,000	2,500	138,300	138,300
ET	0.000	3.100	950,000	1049,000	0.000	0.000	0.000	0.000	0.000	0.000

X1	2254,000	0.000	0.000	0.000	13,000	13,000	13,000	0.000	0.000	0.000
X2	0.000	0.000	1,000	154,600	156,500	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	157,600	156,500	0.000
BT	13,000	400,000	165,000	0.000	550,000	164,000	0.000	650,000	161,700	0.000
BT	850,000	158,200	0.000	950,000	157,600	0.000	950,000	157,600	155,100	1049,000
BT	156,900	154,600	1049,000	156,900	0.000	1100,000	156,500	0.000	1225,000	156,900
BT	0.000	1270,000	157,200	0.000	1480,000	160,000	0.000	1527,000	164,000	0.000
ET	0.000	3.100	920,000	1080,000	9.100	9.100	9.100	9.100	903,000	1049,000

1111400

	0.000	0.000	0.000	46.000	46.000	46.000	0.000	0.000	0.000
	3.100	1490.000	1710.000	9.100	9.100	9.100	9.100	1380.000	1750.000

CBO 3 SURVEYED

X1	2600.000	20.000	1528.000	1550.000	210.000	200.000	200.000	0.000	0.000	0.000
GR	154.100	0.100	153.000	1100.000	153.800	1200.000	150.500	1300.000	149.200	1400.000
GR	146.900	1432.000	142.000	1457.000	142.100	1500.000	142.300	1528.000	158.500	1531.000
GR	137.600	1539.000	137.600	1547.000	142.300	1550.000	141.900	1600.000	142.700	1700.000
GR	142.700	1754.000	145.700	1800.000	150.100	1900.000	153.000	2000.000	154.500	2030.000
ET	0.000	3.100	862.000	1049.000	0.000	0.000	0.000	0.000	0.000	0.000

TOPO SECTION

X1	4360.000	13.000	988.000	1012.000	1580.000	1560.000	1760.000	0.000	0.000	0.000
GR	156.000	402.000	154.000	450.000	152.000	840.000	150.000	880.000	148.000	915.000
GR	145.800	988.000	141.400	992.000	139.700	1000.000	141.500	1008.000	146.500	1012.000
GR	148.000	1035.000	150.000	1047.000	156.000	1060.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1600.000	1860.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 4A SURVEYED

X1	5684.000	18.000	1790.000	1828.000	950.000	1150.000	1224.000	0.000	0.000	0.000
GR	155.300	1200.000	150.400	1300.000	150.300	1400.000	151.300	1500.000	147.700	1569.000
GR	146.900	1608.000	147.000	1630.000	147.700	1700.000	147.300	1750.000	143.000	1748.000
GR	142.200	1800.000	141.300	1813.000	143.200	1824.000	147.200	1820.000	149.000	1873.000
GR	152.400	1900.000	153.200	2000.000	157.200	2100.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1600.000	1840.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 4 SURVEYED BRIDGE

X1	5734.000	18.000	1797.000	1833.000	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	151.000	152.000	0.000
GR	157.300	1200.000	150.400	1300.000	150.300	1400.000	151.300	1500.000	147.700	1569.000
GR	146.900	1608.000	147.000	1630.000	147.700	1700.000	147.300	1750.000	143.000	1748.000
GR	140.900	1810.000	140.900	1820.000	147.000	1827.000	148.000	1833.000	149.000	1873.000
GR	152.400	1900.000	153.200	2000.000	157.200	2100.000	0.000	0.000	0.000	0.000
SB	1.250	1.520	2.500	0.000	10.000	2.000	231.000	1.150	140.900	140.500
ET	0.000	3.100	1605.000	1840.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	5746.000	0.000	0.000	0.000	12.000	12.000	12.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	152.450	152.800	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	152.000	153.700	0.000
BT	13.000	1200.000	157.300	0.000	1300.000	157.100	0.000	1480.000	155.700	0.000
BT	1550.000	153.200	0.000	1600.000	152.800	0.000	1700.000	152.800	0.000	1797.000
BT	153.700	0.000	1797.000	153.700	152.500	1833.000	153.700	152.500	1833.000	153.700
BT	0.000	1900.000	154.300	0.000	2000.000	155.300	0.000	2100.000	157.900	0.000
NC	0.080	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	7.000	3030.000	3030.000	3030.000	1240.000	2370.000	3030.000	5080.000	0.000	0.000
ET	0.000	3.100	1630.000	1830.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	5796.000	18.000	1790.000	1828.000	50.000	50.000	50.000	0.000	0.000	0.000
GR	155.300	1200.000	150.400	1300.000	150.300	1400.000	151.300	1500.000	147.700	1569.000
GR	146.900	1608.000	147.000	1630.000	147.700	1700.000	147.300	1750.000	143.000	1748.000
GR	142.200	1800.000	141.300	1813.000	143.200	1824.000	147.200	1820.000	149.000	1873.000
GR	152.400	1900.000	153.200	2000.000	157.200	2100.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	950.000	1030.000	0.000	0.000	0.000	0.000	0.000	0.000

	12,000	960,000	1025,000	304,000	304,000	304,000	0,000	0,000	0,000
	435,000	158,000	700,000	156,000	720,000	154,000	730,000	153,200	1960,000
	980,000	142,600	1000,000	142,700	1010,000	154,000	1025,000	156,000	1040,000
	1260,000	160,000	1280,000	0,000	0,000	0,000	0,000	0,000	0,000
	3,100	1620,000	1690,000	0,000	0,000	0,000	0,000	0,000	0,000

CBO 5 SURVEYED

X1	6335,000	20,000	1623,000	1690,000	270,000	230,000	235,000	0,000	0,000	0,000
GR	163,500	1083,000	162,500	1100,000	160,700	1200,000	150,500	1300,000	157,400	1359,000
GR	156,100	1364,000	167,000	1364,000	167,000	1397,000	154,800	1397,000	153,300	1517,000
GR	154,100	1617,000	153,500	1623,000	144,000	1634,000	142,400	1652,000	141,800	1670,000
GR	155,200	1690,000	155,700	1700,000	156,200	1800,000	157,300	1900,000	165,600	1963,000
NC	0,070	0,070	0,015	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	0,000	3,100	985,000	1011,000	0,000	0,000	0,000	0,000	0,000	0,000

CBO 6 SURVEYED BRIDGE

X1	6384,000	13,000	985,000	1011,000	49,000	49,000	49,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	155,000	155,000	0,000
GR	163,500	520,000	160,000	635,000	158,000	660,000	150,000	700,000	154,000	725,000
GR	152,000	810,000	152,000	985,000	143,900	985,000	143,900	1011,000	152,000	1011,000
GR	154,000	1112,000	156,000	1170,000	163,500	1270,000	0,000	0,000	0,000	0,000
SB	1,250	1,620	2,500	0,000	26,000	0,010	262,000	0,000	143,900	143,500
ET	0,000	3,100	985,000	1011,000	0,000	0,000	0,000	0,000	0,000	0,000

X1	6417,000	11,000	985,000	1011,000	53,000	53,000	53,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	154,000	157,000	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	150,900	150,900	0,000
BT	11,000	540,000	164,000	0,000	670,000	160,000	0,000	820,000	157,300	0,000
BT	900,000	157,000	0,000	985,000	157,100	0,000	985,000	157,100	154,000	1011,000
BT	157,300	154,000	1011,000	157,300	0,000	1070,000	157,700	0,000	1160,000	100,000
BT	0,000	1230,000	164,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
GR	164,000	540,000	160,000	670,000	156,000	820,000	155,000	900,000	154,000	985,000
GR	143,900	985,000	143,900	1011,000	154,000	1011,000	155,000	1070,000	160,000	1160,000
GR	164,000	1230,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
QT	7,000	3020,000	3020,000	3020,000	1240,000	2360,000	3020,000	3020,000	0,000	0,000
ET	0,000	3,100	985,000	1021,000	0,000	0,000	0,000	0,000	0,000	0,000

X1	6435,000	9,000	985,000	1021,000	18,000	18,000	18,000	0,000	0,000	0,000
GR	164,000	530,000	160,000	670,000	160,000	985,000	145,000	525,000	145,000	1021,000
GR	160,000	1021,000	160,000	1160,000	162,000	1230,000	164,000	1220,000	0,000	0,000
ET	0,000	3,100	1100,000	1830,000	0,000	0,000	0,000	0,000	0,000	0,000

CBO 7 SURVEYED DAM W/CONC OGEE SPILLWAY

X1	6455,000	14,000	1565,000	1602,000	20,000	20,000	20,000	0,000	0,000	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	150,000	152,000	0,000
GR	166,000	1040,000	163,600	1100,000	159,800	1229,000	157,600	1255,000	154,000	1300,000
GR	152,000	1400,000	148,000	1500,000	144,100	1505,000	144,000	1505,000	144,000	1602,000
GR	144,100	1602,000	154,000	1700,000	159,000	1800,000	160,000	1900,000	0,000	0,000
SB	1,050	2,000	2,900	0,000	37,000	0,010	3,700	0,000	144,000	144,000
ET	0,000	3,100	1095,000	1835,000	0,000	0,000	0,000	0,000	0,000	0,000

X1	6465,000	0,000	0,000	0,000	10,000	10,000	10,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	144,100	159,100	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	159,100	162,200	0,000
X4	14,000	1040,000	166,000	0,000	1100,000	163,800	0,000	1229,000	159,000	0,000

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	0.000	1567.000	164.000	1700.000	163.900	0.000	1400.000	163.800	0.000	1500.000
	1602.000	164.100	0.000	1700.000	0.000	1565.000	159.200	144.100	1602.000	159.100
	166.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	0.000	3.100	1165.000	1755.000	0.000	0.000	0.000	0.000	0.000	0.000

XI	6500.000	17.000	1165.000	1755.000	35.000	35.000	35.000	0.000	0.000	0.000
GR	166.000	1120.000	164.000	1138.000	162.000	1150.000	160.000	1165.000	158.000	1210.000
GR	156.000	1240.000	150.000	1284.000	144.000	1565.000	144.000	1602.000	150.000	1666.000
GR	154.000	1682.000	156.000	1712.000	158.000	1735.000	160.000	1755.000	162.000	1780.000
GR	164.000	1795.000	164.000	1825.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	7.000	2520.000	2520.000	2520.000	1020.000	1970.000	2520.000	4270.000	0.000	0.000
ET	0.000	3.100	1124.000	1518.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 8 SURVEYED SECTION

XI	9610.000	18.000	1124.000	1518.000	3110.000	3110.000	3110.000	0.000	0.000	0.000
GR	170.900	1000.000	161.800	1100.000	158.900	1124.000	158.200	1135.000	155.800	1150.000
GR	153.400	1200.000	152.800	1250.000	152.800	1300.000	153.100	1350.000	152.800	1400.000
GR	152.000	1450.000	156.400	1500.000	158.400	1518.000	160.500	1523.000	164.100	1600.000
GR	164.600	1700.000	166.000	1730.000	171.100	1787.000	0.000	0.000	0.000	0.000
NC	0.090	0.090	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	7.000	2440.000	2440.000	2440.000	990.000	1910.000	2440.000	4125.000	0.000	0.000
ET	0.000	3.100	1279.000	1495.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 9 SURVEYED SECTION

XI	13280.000	19.000	1279.000	1495.000	3670.000	3670.000	3670.000	0.000	0.000	0.000
GR	180.800	1000.000	174.000	1100.000	163.600	1200.000	162.100	1223.000	160.400	1279.000
GR	159.300	1285.000	158.000	1300.000	157.600	1350.000	158.400	1400.000	158.800	1431.000
GR	155.600	1434.000	154.900	1442.000	155.800	1451.000	158.900	1455.000	159.100	1495.000
GR	159.800	1500.000	162.200	1535.000	177.800	1600.000	179.900	1608.000	0.000	0.000
ET	0.000	3.100	900.000	1055.000	0.000	0.000	0.000	0.000	0.000	0.000

TOPO SECTION

XI	15270.000	13.000	990.000	1018.000	1925.000	1920.000	1990.000	0.000	0.000	0.000
GR	172.000	802.000	164.000	847.000	160.800	905.000	160.500	955.000	161.700	990.000
GR	159.200	993.000	159.100	1000.000	159.600	1013.000	161.600	1019.000	161.500	1050.000
GR	163.000	1090.000	164.000	1115.000	172.000	1149.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1175.000	1475.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 10 SURVEYED SECTION

XI	17075.000	29.000	1389.000	1419.000	1790.000	1750.000	1865.000	0.000	0.000	0.000
GR	179.400	1000.000	175.000	1066.000	167.700	1100.000	164.800	1124.000	164.100	1130.000
GR	164.500	1152.000	164.000	1155.000	162.200	1158.000	163.700	1162.000	164.800	1163.000
GR	163.700	1200.000	163.500	1250.000	163.000	1279.000	163.500	1300.000	162.500	1250.000
GR	164.400	1389.000	162.800	1392.000	161.300	1400.000	163.400	1416.000	164.300	1419.000
GR	164.300	1440.000	162.500	1448.000	164.300	1455.000	164.300	1481.000	164.800	1500.000
GR	167.800	1560.000	170.500	1600.000	172.700	1700.000	180.000	1728.000	0.000	0.000
NC	0.100	0.100	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	3.100	1110.000	1320.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 11 SURVEYED SECTION

XI	18580.000	21.000	1266.000	1289.000	1505.000	1505.000	1505.000	0.000	0.000	0.000
GR	180.000	975.000	178.600	1000.000	167.000	1096.000	166.100	1100.000	165.800	1105.000
GR	163.400	1150.000	166.000	1200.000	167.000	1250.000	165.100	1253.000	164.400	1256.000

	1400,000	166,000	1289,000	166,800	1266,000	165,600	1269,000	164,200	1278,000
	1400,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000
ET	3,100	900,000	1060,000	0,000	0,000	0,000	0,000	0,000	0,000

TOPO SECTION

X1	19700,000	19,000	996,000	1014,000	1055,000	1115,000	1120,000	0,000	0,000	0,000
GR	160,000	770,000	178,000	785,000	176,000	800,000	174,000	817,000	172,000	840,000
GR	170,000	890,000	168,000	950,000	168,000	992,000	166,000	996,000	165,000	1004,000
GR	166,000	1012,000	168,000	1014,000	168,000	1045,000	170,000	1078,000	172,000	1095,000
GR	174,000	1105,000	176,000	1120,000	178,000	1130,000	180,000	1146,000	0,000	0,000
ET	0,000	0,000	0,000	0,000	9,100	9,100	9,100	0,000	1342,000	1428,000
ET	0,000	3,100	1342,000	1428,000	0,000	0,000	0,000	0,000	0,000	0,000

X1	19900,000	18,000	1373,000	1394,000	210,000	175,000	200,000	0,000	-0,500	0,000
GR	190,000	1000,000	183,000	1100,000	177,700	1168,000	177,100	1200,000	175,800	1236,000
GR	171,600	1300,000	169,100	1358,000	168,600	1373,000	166,200	1376,000	165,400	1385,000
GR	166,300	1391,000	168,400	1394,000	170,000	1410,000	177,900	1500,000	182,000	1528,000
GR	183,800	1556,000	187,900	1560,000	196,900	1578,000	0,000	0,000	0,000	0,000
QT	7,000	2295,000	2295,000	2295,000	920,000	1795,000	2295,000	3895,000	0,000	0,000
ET	0,000	3,100	1358,000	1410,000	0,000	0,000	0,000	0,000	0,000	0,000

BRIDGE S R 1400

X1	19950,000	18,000	1358,000	1410,000	50,000	50,000	50,000	0,000	-0,200	0,000
X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	174,600	178,000	0,000
GR	190,400	1000,000	183,000	1100,000	177,700	1168,000	177,100	1200,000	174,200	1260,000
GR	171,600	1300,000	169,100	1358,000	168,700	1372,000	164,600	1378,000	164,600	1384,000
GR	164,600	1390,000	168,700	1397,000	170,000	1410,000	177,900	1500,000	182,000	1528,000
GR	183,800	1556,000	187,900	1560,000	196,900	1578,000	0,000	0,000	0,000	0,000
BB	1,250	1,750	2,500	0,000	12,000	2,000	288,000	1,600	164,600	164,600
ET	0,000	3,100	1358,000	1410,000	0,000	0,000	0,000	0,000	0,000	0,000

X1	19980,000	0,000	0,000	0,000	30,000	30,000	30,000	0,000	0,000	0,000
X2	0,000	0,000	1,000	176,800	177,600	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	177,600	175,300	0,000
BT	11,000	1000,000	190,400	0,000	1100,000	183,000	0,000	1168,000	180,200	0,000
BT	1260,000	177,600	0,000	1358,000	178,300	0,000	1258,000	178,200	176,800	1410,000
BT	179,300	177,800	1410,000	179,300	0,000	1500,000	183,900	0,000	1560,000	187,900
BT	0,000	1578,000	196,900	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	0,000	1307,000	1459,000
ET	0,000	3,100	1315,000	1450,000	0,000	0,000	0,000	0,000	0,000	0,000

CBD 13 SURVEYED SECTION

X1	20030,000	17,000	1373,000	1394,000	50,000	50,000	50,000	0,000	0,000	0,000
GR	190,000	1000,000	183,000	1100,000	177,700	1168,000	177,100	1200,000	175,800	1236,000
GR	171,600	1300,000	169,100	1358,000	168,600	1373,000	166,200	1376,000	165,400	1385,000
GR	166,300	1391,000	168,400	1394,000	170,000	1410,000	177,900	1500,000	182,000	1528,000
GR	183,800	1556,000	196,900	1576,000	0,000	0,000	0,000	0,000	0,000	0,000
BT	7,000	2210,000	2210,000	2210,000	890,000	1720,000	2210,000	3760,000	0,000	0,000
ET	0,000	3,100	950,000	1100,000	0,000	0,000	0,000	0,100	0,000	0,000

TOPO SECTION

X1	20675,000	15,000	989,000	1009,000	560,000	640,000	645,000	0,000	0,000	0,000
GR	180,000	725,000	178,000	744,000	176,000	892,000	174,000	928,000	172,000	945,000
GR	170,000	989,000	167,200	992,000	166,000	1000,000	167,300	1008,000	169,900	1009,000
GR	174,000	1051,000	172,000	1142,000	176,000	1174,000	178,000	1179,000	180,000	1186,000

	0.000	0.000	0.000	0.000	840.000	1630.000	2090.000	3570.000	0.000	0.000
	0.000	0.000	0.000	0.000	9.100	0.000	0.000	0.000	1141.000	1189.000
	0.000	3.100	1165.000	1315.000	0.000	0.000	0.000	0.000	0.000	0.000

CBO 14 SURVEYED SECTION

X1	21570.000	14.000	1156.000	1174.000	810.000	880.000	295.000	0.000	0.000	0.000
GR	196.400	1000.000	183.700	1100.000	173.400	1138.000	170.700	1156.000	168.700	1160.000
GR	167.900	1165.000	168.500	1171.000	171.500	1174.000	171.500	1200.000	171.400	1300.000
GR	172.300	1352.000	177.000	1400.000	191.500	1500.000	194.000	1520.000	0.000	0.000
ET	0.000	3.100	1155.000	1305.000	0.000	0.000	0.000	0.000	0.000	0.000

BRIDGE DIRT RD ON MIL BASE

X1	21620.000	16.000	1158.000	1172.000	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	176.500	176.500	0.000
GR	196.400	1000.000	183.700	1100.000	178.000	1120.000	173.400	1138.000	170.700	1158.000
GR	170.700	1158.500	167.200	1159.000	167.200	1171.000	171.500	1171.500	171.500	1172.000
GR	171.500	1200.000	171.400	1300.000	172.300	1350.000	177.000	1400.000	191.500	1500.000
GR	194.000	1520.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
SB	1.050	1.570	2.500	0.000	14.000	0.200	115.000	0.116	167.200	167.200
ET	0.000	3.100	1155.000	1305.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	21636.000	0.000	0.000	0.000	16.000	16.000	16.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	175.700	177.000	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	177.500	177.000	0.000
BT	13.000	1000.000	196.400	0.000	1100.000	183.700	0.000	1120.000	178.000	0.000
BT	1158.000	177.500	0.000	1158.000	177.500	176.000	1172.000	177.000	175.700	1172.000
BT	177.000	0.000	1200.000	177.000	0.000	1300.000	179.800	0.000	1350.000	191.500
BT	0.000	1400.000	187.200	0.000	1500.000	193.900	0.000	1520.000	194.000	0.000
QT	7.000	2080.000	2080.000	2080.000	830.000	1620.000	2080.000	3550.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	9.100	0.000	0.000	0.000	1058.000	1172.000
ET	0.000	3.100	1150.000	1300.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	21686.000	14.000	1156.000	1174.000	50.000	50.000	50.000	0.000	0.700	0.000
GR	196.400	1000.000	183.700	1100.000	173.400	1138.000	170.700	1156.000	168.700	1160.000
GR	167.900	1165.000	168.500	1171.000	171.500	1174.000	171.500	1200.000	171.400	1300.000
GR	172.300	1352.000	177.000	1400.000	191.500	1500.000	194.000	1520.000	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

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

11 FPMB - FIS CUMBERLAND CO NC
 12 ENCHROACHED
 13 BONES CR

11	ICHECK	IND	RIAV	IDIR	SIRI	PEPIC	MVIGS	G	ASBL	FG
	0.	2.	0.	0.	0.000000	0.00	0.0	0.	141.950	0.000
12	APROF	IPLDT	PHFVS	XSECV	XSECH	FN	ALLDC	IBR	CHNIR	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

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

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

BONES CR

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELMIN	ELLC	10X*5	G
59500.000	141.98	142.19	135.70	0.00	60.13	3530.00
59500.000	141.98	142.19	135.70	0.00	60.13	3530.00
59505.000	142.02	142.22	135.70	0.00	58.18	3530.00
59505.000	142.02	142.22	135.70	0.00	58.18	3530.00
59525.000	142.15	142.33	135.70	0.00	50.40	3530.00
59525.000	142.15	142.33	135.70	0.00	50.40	3530.00
59555.000	142.32	142.48	135.70	0.00	42.10	3530.00
59555.000	142.32	142.48	135.70	0.00	42.10	3530.00
59615.000	142.58	142.70	135.70	0.00	32.60	3530.00
59615.000	142.58	142.70	135.70	0.00	32.60	3530.00
59750.000	142.98	143.08	135.70	0.00	22.79	3530.00
59750.000	142.98	143.08	135.70	0.00	22.79	3530.00
1.000	142.94	143.11	134.20	0.00	38.13	3000.00
1.000	142.77	143.22	134.20	0.00	78.55	3000.00
400.000	144.19	144.31	134.60	0.00	23.85	3000.00
400.000	144.83	145.02	134.60	0.00	27.64	3000.00
900.000	145.12	145.19	135.20	0.00	13.57	3000.00
900.000	145.93	146.03	135.20	0.00	15.74	3000.00
1500.000	146.01	146.10	136.20	0.00	17.97	3000.00
1500.000	146.87	146.98	136.20	0.00	18.71	3000.00
2190.000	147.56	148.02	138.20	0.00	51.44	3000.00
2190.000	148.24	148.59	138.20	0.00	37.85	3000.00
2241.000	147.88	148.25	138.40	0.00	33.80	3000.00
2241.000	148.46	148.77	138.40	0.00	29.24	3000.00
* 2254.000	148.85	149.13	138.40	154.60	21.12	3000.00
* 2254.000	148.60	148.90	138.40	154.60	27.47	3000.00

SECNO	CWSEL	EG	ELMIN	ELLC	10K*5	G
2300.000	149.13	149.23	138.40	0.00	8.96	3080.00
2300.000	148.87	149.01	138.40	0.00	12.71	3080.00
2600.000	149.36	149.39	137.60	0.00	4.52	3080.00
2600.000	149.21	149.28	137.60	0.00	8.45	3080.00
4360.000	150.88	151.44	139.70	0.00	61.96	3080.00
4360.000	151.62	151.99	139.70	0.00	39.34	3080.00
5684.000	152.86	152.90	141.30	0.00	4.98	3080.00
5684.000	153.52	153.59	141.30	0.00	6.85	3080.00
5734.000	152.90	152.93	140.90	0.00	5.83	3080.00
5734.000	153.56	153.63	140.90	0.00	9.11	3080.00
* 5746.000	154.43	154.44	140.90	152.45	2.17	3080.00
5746.000	154.59	154.65	140.90	152.45	5.93	3080.00
5796.000	154.44	154.45	141.50	0.00	1.79	3030.00
5796.000	154.61	154.69	141.50	0.00	5.82	3030.00
6100.000	154.34	154.75	142.60	0.00	29.58	3030.00
6100.000	154.73	155.16	142.60	0.00	27.65	3030.00
6335.000	155.03	155.31	141.80	0.00	17.29	3030.00
6335.000	155.38	155.70	141.80	0.00	17.99	3030.00
6384.000	154.04	156.09	143.90	0.00	12.44	3030.00
6384.000	154.52	156.39	143.90	0.00	11.66	3030.00
6417.000	155.78	157.27	143.90	154.00	8.20	3030.00
6417.000	156.14	157.55	143.90	154.00	7.92	3030.00
6435.000	156.61	157.42	145.00	0.00	3.93	3020.00
6435.000	156.92	157.69	145.00	0.00	3.64	3020.00
6455.000	157.48	157.56	144.00	0.00	0.33	3020.00
6455.000	157.75	157.83	144.00	0.00	0.30	3020.00
6465.000	163.93	163.95	144.00	144.10	0.05	3020.00
6465.000	163.93	163.95	144.00	144.10	0.05	3020.00
6500.000	163.95	163.95	144.00	0.00	0.00	3020.00
6500.000	163.95	163.95	144.00	0.00	0.00	3020.00
9610.000	163.95	163.96	152.00	0.00	0.07	2520.00
9610.000	163.95	163.96	152.00	0.00	0.68	2520.00
13280.000	164.01	164.05	154.90	0.00	4.65	2440.00
13280.000	164.01	164.06	154.90	0.00	5.93	2440.00
15270.000	165.68	165.77	159.10	0.00	21.21	2440.00
15270.000	166.13	166.30	159.10	0.00	27.77	2440.00
17075.000	168.06	168.09	161.30	0.00	8.66	2440.00
17075.000	168.77	168.81	161.30	0.00	8.33	2440.00

SECNO	CHSEL	EG	ELMIN	ELLC	10K+S	G
18500.000	170.19	170.28	164.20	0.00	28.46	2440.00
18500.000	170.80	170.91	164.20	0.00	27.00	2440.00
19700.000	173.11	173.24	165.00	0.00	25.99	2440.00
19700.000	173.67	173.83	165.00	0.00	26.72	2440.00
19900.000	173.59	174.39	165.10	0.00	94.38	2440.00
19900.000	174.19	174.82	165.10	0.00	68.41	2440.00
19950.000	174.14	174.78	164.40	0.00	55.77	2295.00
19950.000	174.58	175.14	164.40	0.00	55.96	2295.00
19980.000	174.30	174.91	164.40	176.80	51.89	2295.00
19980.000	174.70	175.25	164.40	176.80	53.23	2295.00
20030.000	174.91	175.18	165.40	0.00	32.26	2295.00
20030.000	175.25	175.50	165.40	0.00	28.55	2295.00
20675.000	176.23	176.30	166.00	0.00	10.76	2210.00
20675.000	176.65	176.76	166.00	0.00	14.51	2210.00
21570.000	177.13	177.18	166.70	0.00	9.22	2090.00
21570.000	178.04	178.10	167.90	0.00	15.91	2090.00
21620.000	177.18	177.23	167.20	0.00	9.76	2090.00
21620.000	178.10	178.16	167.20	0.00	12.31	2090.00
21636.000	179.52	179.54	167.20	175.70	2.92	2090.00
21636.000	179.73	179.77	167.20	175.70	6.31	2090.00
21686.000	179.53	179.56	167.40	0.00	3.69	2080.00
21686.000	179.75	179.81	167.40	0.00	7.64	2080.00

PRIMARY PRINTOUT

FORM 38

SECNO	CMSL	ASTA	STCHL	STCHR	ENDSI	TURMID
59500.000	141.98	660.20	970.00	1030.00	1229.70	569.50
59500.000	141.98	660.20	970.00	1030.00	1229.70	569.50
59505.000	142.02	659.97	970.00	1030.00	1230.15	576.18
59505.000	142.02	659.97	970.00	1030.00	1230.15	576.18
59525.000	142.15	659.64	970.00	1030.00	1232.15	572.51
59525.000	142.15	659.64	970.00	1030.00	1232.15	572.51
59555.000	142.32	659.21	970.00	1030.00	1234.73	575.52
59555.000	142.32	659.21	970.00	1030.00	1234.73	575.52
59615.000	142.58	658.55	970.00	1030.00	1238.67	580.12
59615.000	142.58	658.55	970.00	1030.00	1238.67	580.12
59750.000	142.98	657.55	970.00	1050.00	1244.75	587.18
59750.000	142.98	657.55	970.00	1050.00	1244.75	587.18
1.000	142.94	795.95	987.00	1015.00	1221.71	425.77
1.000	142.77	915.60	987.00	1015.00	1145.00	250.60
400.000	144.19	828.82	987.00	1015.00	1231.86	403.65
400.000	144.83	915.00	987.00	1015.00	1145.00	250.60
900.000	145.12	1410.71	1557.00	1585.00	1848.96	438.25
900.000	145.93	1490.00	1557.00	1585.00	1720.00	250.60
1500.000	146.01	819.92	988.00	1013.00	1163.10	363.19
1500.000	146.87	890.60	988.00	1013.00	1126.00	250.60
2190.000	147.58	913.00	980.00	1010.00	1047.00	154.60
2190.000	148.24	913.00	980.00	1010.00	1047.00	154.60
2241.000	147.88	950.00	950.00	1049.00	1049.00	99.00
2241.000	148.46	950.00	950.00	1049.00	1049.00	99.00
2254.000	148.85	950.00	950.00	1049.00	1049.00	99.00
2254.000	148.60	950.00	950.00	1049.00	1049.00	99.00
2300.000	149.13	903.00	950.00	1049.00	1095.00	192.00
2300.000	148.87	920.00	950.00	1049.00	1080.00	160.00
2600.000	149.36	1387.82	1528.00	1550.00	1750.00	362.18
2600.000	149.21	1490.00	1528.00	1550.00	1710.00	220.60
4360.000	150.88	862.18	968.00	1012.00	1048.95	186.75
4360.000	151.62	862.00	968.00	1012.00	1049.00	187.00
5684.000	152.86	1249.54	1790.00	1828.00	1959.06	709.52
5684.000	153.52	1800.00	1790.00	1828.00	1860.00	260.00
5734.000	152.90	1263.83	1797.00	1833.00	1961.99	698.16
5734.000	153.56	1600.00	1797.00	1833.00	1840.00	240.00

FORM 38

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDSI	TOPWID
5746.000	154.43	1241.50	1797.00	1833.00	2030.91	789.41
5746.000	154.59	1605.00	1797.00	1833.00	1840.00	235.00
5796.000	154.44	1221.55	1790.00	1828.00	2026.10	804.55
5796.000	154.61	1630.00	1790.00	1828.00	1830.00	200.00
6100.000	154.34	728.29	960.00	1025.00	1027.56	299.27
6100.000	154.73	950.00	960.00	1025.00	1030.00	80.00
6335.000	155.03	1397.00	1623.00	1690.00	1689.75	292.75
6335.000	155.38	1620.00	1623.00	1690.00	1690.00	70.00
6384.000	154.04	985.00	985.00	1011.00	1011.00	26.00
6384.000	154.52	985.00	985.00	1011.00	1011.00	26.00
6417.000	155.78	985.00	985.00	1011.00	1011.00	26.00
6417.000	156.14	985.00	985.00	1011.00	1011.00	26.00
6435.000	156.61	985.00	985.00	1021.00	1021.00	36.00
6435.000	156.92	985.00	985.00	1021.00	1021.00	36.00
6455.000	157.48	1250.56	1565.00	1602.00	1769.57	519.02
6455.000	157.75	1248.05	1565.00	1602.00	1774.96	526.91
6465.000	163.93	1096.20	1565.00	1602.00	1870.56	774.36
6465.000	163.93	1096.18	1565.00	1602.00	1835.00	758.82
6500.000	163.95	1138.36	1165.00	1755.00	1794.55	656.19
6500.000	163.95	1165.00	1165.00	1755.00	1755.00	590.00
9610.000	163.95	1076.27	1124.00	1518.00	1596.99	520.71
9610.000	163.95	1124.00	1124.00	1518.00	1518.00	394.00
13280.000	164.01	1196.07	1279.00	1495.00	1542.54	346.47
13280.000	164.01	1279.00	1279.00	1495.00	1495.00	216.00
15270.000	165.68	837.59	990.00	1018.00	1122.11	284.52
15270.000	166.13	900.00	990.00	1018.00	1055.00	155.00
17075.000	168.06	1098.30	1389.00	1419.00	1563.92	465.62
17075.000	168.77	1175.00	1389.00	1419.00	1475.00	300.00
18580.000	170.19	1069.63	1266.00	1289.00	1364.91	295.29
18580.000	170.80	1110.00	1266.00	1289.00	1320.00	210.00
19700.000	173.11	827.27	996.00	1014.00	1100.53	273.27
19700.000	173.67	900.00	996.00	1014.00	1060.00	160.00
19900.000	173.59	1342.00	1373.00	1394.00	1428.00	86.00
19900.000	174.19	1342.00	1373.00	1394.00	1428.00	86.00
19950.000	174.14	1358.00	1358.00	1410.00	1410.00	52.00
19950.000	174.58	1358.00	1358.00	1410.00	1410.00	52.00
19980.000	174.30	1358.00	1358.00	1410.00	1410.00	52.00
19980.000	174.70	1358.00	1358.00	1410.00	1410.00	52.00

FORM 5411

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID
20030.000	174.91	1307.00	1373.00	1394.00	1459.00	152.00
20030.000	175.25	1315.00	1373.00	1394.00	1450.00	135.00
20675.000	176.23	874.56	989.00	1009.00	1174.59	300.01
20675.000	176.65	950.00	989.00	1009.00	1100.00	150.00
21570.000	177.13	1124.25	1156.00	1174.00	1400.86	276.64
21570.000	178.04	1165.00	1156.00	1174.00	1315.00	150.00
21620.000	177.18	1123.22	1158.00	1172.00	1401.23	278.01
21620.000	178.10	1155.00	1158.00	1172.00	1305.00	150.00
21636.000	179.52	1114.63	1158.00	1172.00	1417.45	302.62
21636.000	179.73	1155.00	1158.00	1172.00	1305.00	150.00
21686.000	179.53	1117.92	1156.00	1174.00	1412.71	294.79
21686.000	179.75	1150.00	1156.00	1174.00	1300.00	150.00

SUMMARY OF ERRORS

CAUTION SECNO= 2254.000 PROFILE= 1 HYDRAULIC JUMP U.S.

CAUTION SECNO= 5746.000 PROFILE= 1 HYDRAULIC JUMP U.S.

FLOODWAY DATA: BONES CR
 PROFILE NO. 2

STATION	FLOODWAY			WATER SURFACE ELEVATION		
	WIDTH (FT)	SECTION AREA	MEAN VELOCITY	WITH FLOODWAY	WITHOUT FLOODWAY	DIFFERENCE
59500.000	569.	1468.	2.4	142.0	142.0	0.0
59505.000	570.	1485.	2.4	142.0	142.0	0.0
59525.000	573.	1561.	2.3	142.2	142.2	0.0
59555.000	576.	1660.	2.1	142.3	142.3	0.0
59615.000	580.	1811.	1.9	142.6	142.6	0.0
59750.000	587.	2047.	1.7	143.0	143.0	0.0
1.000	230.	872.	3.5	142.8	142.9	-0.1
400.000	230.	1250.	2.5	144.8	144.2	0.6
A 900.000	230.-	1526.*	2.0-	145.9-	145.1-	0.8
1500.000	230.	1509.	2.0	146.9	146.0	0.9
B 2190.000	134.-	886.*	3.5-	148.3-	147.6-	0.7
2241.000	99.	688.	4.5	148.5	147.9	0.6
2254.000	99.	702.	4.4	148.7	148.9	-0.2
2300.000	160.	1109.	2.8	148.9	149.1	-0.2
C 2600.000	220.-	1616.*	1.9-	149.4-	149.4-	0.0
D 4360.000	187.-	832.*	3.7-	151.6-	150.9-	0.7
E 5684.000	260.-	1752.*	1.8-	153.6-	152.9-	0.7
5734.000	240.	1593.	1.9	153.6	152.9	0.7
5746.000	235.	1803.	1.7	154.6	154.4	0.2
5766.000	200.	1565.	1.9	154.6	154.4	0.2
6100.000	80.	591.	5.1	154.7	154.3	0.4
F 6335.000	70.-	674.*	4.5-	155.3-	155.0-	0.3
6384.000	26.	276.	11.0	154.5	154.0	0.5
6417.000	26.	318.	9.5	156.2	155.8	0.4
6435.000	36.	429.	7.0	156.9	156.6	0.3
6455.000	527.	3615.	0.8	157.8	157.5	0.3
6465.000	739.	7522.	0.4	163.9	163.9	0.0
6500.000	590.	8222.	0.4	164.0	164.0	0.0
9610.000	394.	4018.	0.6	164.0	164.0	0.0
G 13280.000	216.-	1279.*	1.9-	164.0-	164.0-	0.0
H 15270.000	155.-	832.*	2.9-	166.2-	165.7-	0.5
I 17075.000	300.-	1597.*	1.5-	166.8-	166.1-	0.7
J 18580.000	210.-	1029.*	2.4-	170.6-	170.2-	0.6
19700.000	160.	903.	2.7	173.7	173.1	0.6
19900.000	86.	489.	5.0	174.2	173.6	0.6
19950.000	52.	381.	6.0	174.5	174.1	0.4
19980.000	52.	387.	5.9	174.7	174.3	0.4
K 20030.000	135.-	746.*	3.1-	175.2-	174.9-	0.3
20675.000	150.	994.	2.2	176.6	176.2	0.4
L 21570.000	150.-	1009.*	2.1-	178.0-	177.1-	0.9
21620.000	150.	1052.	2.6	178.1	177.2	0.9
21636.000	150.	1200.	1.6	179.7	179.5	0.2
21686.000	150.	1196.	1.7	179.7	179.5	0.2