
REC2 RELEASE DATED NOV 76 UPDATED AUG 77

ERROR C
MODIFIC

GUNN CR - NATURALS

Gunn
Creek

C
T1 F
T2 1
T3 G
J1 10BEC

-1.

J2 APR01

1.

J3 VARI1

38.

15.

58.

LC
GT
ET

X1 1982
GR 5
GR 5
GR 5
Z1

X1 208
GR 5
GR 5
ET

X1 22375.000
GR 597.000
GR 563.300
GR 595.000
GR 8.000
ET 0.000

12.900
1103.000
1582.000
1500.000
2070.000
5.100

1335.000
594.000
582.500
600.000
2070.000
1400.000

1362.000
1174.000
1549.000
1565.000
2070.000
1505.000

1705.000
590.000
583.700
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1030.000
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1707.000
1225.000
1356.000
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1620.000
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1707.000
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586.000
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2070.000
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1362.000
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1539.000
1445.000
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<- SURVEYED SECTION

X1	25440.000	12.000	1471.000	1489.000	1065.000	1065.000	1065.000	0.000	0.000	0.000
GK	601.100	1200.000	596.700	1360.000	596.200	1320.000	592.100	1400.000	591.100	1471.000
GK	586.500	1473.000	588.600	1478.000	589.200	1483.000	591.300	1489.000	591.500	1500.000
GK	594.500	1525.000	601.100	1559.000	0.000	0.000	0.000	0.000	0.000	0.000
E1	0.000	5.110	1457.000	1523.000	0.000	0.000	0.000	0.000	0.000	0.000

<- OLD FILL DAM - REFINISHED

X1	25055.000	16.000	1471.000	1469.000	15.000	15.000	15.000	0.000	0.000	0.000
GK	602.200	1160.000	601.100	1200.000	596.700	1300.000	596.200	1320.000	600.700	1325.000
GK	600.300	1400.000	595.800	1444.000	593.500	1465.000	591.100	1471.000	586.600	1471.000
GK	586.600	1476.000	585.200	1484.000	591.300	1489.000	591.900	1500.000	594.900	1522.000
GK	594.100	1529.000	601.100	1559.000	607.500	1600.000	0.000	0.000	0.000	0.000
E1	0.000	5.110	1457.000	1523.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	25055.000	0.000	0.000	0.000	7.000	7.000	7.000	0.000	0.000	0.000
E1	0.000	3.100	1396.000	1500.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	25375.000	14.000	1471.000	1469.000	13.000	13.000	13.000	0.000	0.000	0.000
GK	600.200	1100.000	601.100	1200.000	596.700	1300.000	596.200	1320.000	591.100	1400.000
GK	591.100	1471.000	588.600	1473.000	588.600	1478.000	589.200	1484.000	591.500	1495.000
GK	594.500	1500.000	594.500	1523.000	601.100	1559.000	607.500	1600.000	6.000	0.000
E1	0.000	5.110	1457.000	1465.000	0.000	0.000	0.000	0.000	0.000	0.000

<- FILL SECTION

X1	24000.000	11.000	1375.000	1494.000	625.000	625.000	625.000	0.000	0.000	0.000
GK	610.200	1170.000	605.000	1200.000	602.000	1250.000	597.000	1375.000	591.200	1377.000
GK	595.500	1585.000	596.000	1591.000	592.500	1394.000	600.000	1550.000	605.000	1620.000
GK	610.000	1795.000	1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E1	0.000	2000.000	2000.000	2000.000	1000.000	1550.000	2000.000	3000.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	5.100	9.100	9.100	0.000	1590.000	1830.000
E1	0.000	5.100	1600.000	1750.000	0.000	0.000	0.000	0.000	0.000	0.000

<- SURVEYED SECTION

X1	25110.000	15.000	1660.000	1701.000	1110.000	1110.000	1110.000	0.000	0.000	0.000
GK	625.000	1100.000	620.100	1100.000	601.200	1400.000	606.200	1500.000	595.400	1600.000
GK	602.500	1400.000	598.000	1496.000	595.700	1691.000	596.200	1700.000	598.500	1701.000
GK	595.200	1600.000	595.800	1645.000	611.000	1900.000	617.100	1980.000	620.700	2045.000
E1	0.000	5.110	1457.000	1459.000	0.000	0.000	0.000	0.000	0.000	0.000

<- SURVEYED SECTION - (B) 10/18/85

X1	25210.000	10.000	1851.000	1859.000	106.000	106.000	106.000	0.000	0.000	0.000
X2	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GK	625.000	1150.000	621.500	1200.000	617.000	1300.000	611.000	1400.000	605.000	1500.000
GK	601.200	1525.000	601.000	1600.000	600.000	1700.000	595.000	1800.000	595.000	1831.000
GK	595.800	1641.000	595.600	1659.000	598.500	1859.000	598.800	1900.000	595.800	2000.000
GK	611.000	2005.000	619.500	2100.000	620.700	2200.000	6.000	0.000	0.000	0.000
E1	1.250	1.070	2.500	0.000	28.000	1.000	242.000	0.000	596.500	595.600
E1	0.000	3.110	1851.000	1859.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	25440.000	16.000	1851.000	1859.000	224.000	224.000	224.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	605.500	0.000	0.000	0.000	0.000	0.000	0.000
E1	612.500	610.700	1597.000	612.500	0.000	1700.000	612.900	0.000	1800.000	615.000

X3	10,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	613,000	613,000	0,000
BT	12,000	1150,000	622,800	0,000	1300,000	619,300	0,000	1500,000	613,900	0,000	
BT	1700,000	613,800	0,000	1831,000	613,200	0,000	1831,000	605,500	1859,000	0,000	
BT	613,100	605,500	1859,000	613,100	0,000	1900,000	0,000	0,000	2000,000	613,800	
BT	0,000	2100,000	0,000	0,000	2500,000	621,300	0,000	0,000	0,000	0,000	
GR	622,800	1150,000	621,500	1200,000	617,000	1300,000	611,000	1400,000	605,000	1500,000	
GR	601,300	1555,000	601,000	1500,000	600,000	1700,000	599,000	1800,000	595,000	1831,000	
GR	595,500	1631,000	595,500	1859,000	595,500	1859,000	595,800	1900,000	595,800	2000,000	
GR	511,000	2065,000	614,500	2100,000	621,300	2500,000	0,000	0,000	0,000	0,000	
AC	0,100	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	0,000	
BT	4,000	1980,000	1580,000	1980,000	980,000	1520,000	1520,000	2900,000	0,000	0,000	
BT	6,000	0,000	0,000	0,000	9,100	9,100	9,100	9,100	520,000	1070,000	
BT	0,000	5,100	536,000	1056,000	0,000	0,000	0,000	0,000	0,000	0,000	

<- HERE SECTION

X1	2555,000	12,000	908,000	1010,000	110,000	110,000	110,000	0,000	0,000	0,000
BT	620,000	990,000	615,000	550,000	610,000	590,000	605,000	550,000	600,000	525,000
BT	595,900	980,000	597,200	991,000	595,800	997,000	597,500	1008,000	595,900	1010,000
BT	605,000	1030,000	605,000	1200,000	610,000	1250,000	615,000	1310,000	620,000	1460,000
BT	0,000	0,000	6,000	0,000	9,100	9,100	9,100	9,100	840,000	1140,000
BT	0,000	5,100	535,000	1045,000	0,000	0,000	0,000	0,000	0,000	0,000

<- HERE SECTION

X1	2600,000	15,000	508,000	1010,000	450,000	450,000	450,000	0,000	0,000	0,000
BT	600,000	990,000	615,000	660,000	610,000	720,000	605,000	800,000	600,000	585,000
BT	595,900	980,000	597,200	991,000	595,800	997,000	597,500	1008,000	595,900	1010,000
BT	605,000	1190,000	610,000	1220,000	620,000	1280,000	620,000	1010,000	600,000	1020,000
BT	0,000	1390,000	1890,000	1490,000	930,000	1480,000	1850,000	2750,000	0,000	0,000
BT	0,000	0,000	0,000	0,000	9,100	9,100	9,100	9,100	1525,000	1625,000
BT	0,000	5,100	1505,000	1625,000	0,000	0,000	0,000	0,000	0,000	0,000

<- HERE SECTION

X1	2620,000	25,000	185,000	1500,000	220,000	220,000	220,000	0,000	0,000	0,000
BT	550,000	1000,000	625,000	1100,000	627,500	1200,000	627,500	1250,000	624,700	1260,000
BT	615,000	1270,000	610,500	1300,000	610,300	1400,000	606,200	1500,000	601,500	1550,000
BT	595,900	1252,000	595,500	1599,000	595,400	1576,000	602,200	1580,000	601,400	1585,000
BT	0,000	1900,000	605,100	1700,000	615,600	1800,000	622,700	1900,000	622,900	2000,000
BT	0,000	2100,000	625,400	2200,000	630,200	2400,000	0,000	0,000	0,000	0,000
BT	0,000	5,110	1125,000	1597,000	0,000	0,000	0,000	0,000	0,000	0,000

<- HERE SECTION

X1	2627,000	25,000	182,000	1597,000	17,000	17,000	17,000	0,000	0,000	0,000
BT	10,000	6,000	0,000	0,000	0,000	0,000	0,000	612,000	612,000	0,000
BT	615,000	1270,000	610,500	1300,000	610,300	1400,000	606,200	1500,000	604,200	1520,000
BT	595,900	1252,000	595,500	1599,000	595,400	1576,000	602,200	1580,000	601,400	1585,000
BT	0,000	1900,000	605,100	1700,000	615,600	1800,000	622,700	1900,000	622,900	2000,000
BT	0,000	2100,000	625,400	2200,000	630,200	2400,000	0,000	0,000	0,000	0,000
BT	0,000	5,110	1125,000	1597,000	0,000	0,000	0,000	0,000	0,000	0,000

X1	2628,000	0,000	0,000	0,000	31,000	31,000	31,000	0,000	0,000	0,000
BT	0,000	0,000	1,000	610,700	612,400	0,000	0,000	0,000	0,000	0,000
BT	10,000	0,000	0,000	0,000	0,000	0,000	0,000	612,400	612,400	0,000
BT	13,000	1100,000	630,000	0,000	1300,000	619,400	0,000	1400,000	614,500	0,000
BT	1500,000	612,500	0,000	1522,000	612,500	1522,000	1522,000	612,500	610,700	1597,000
BT	612,500	610,700	1597,000	612,500	1700,000	612,900	612,900	1800,000	615,000	0,000

BT	0.000	1900.000	618.200	0.000	2000.000	620.900	0.000	2400.000	630.200	0.000
BC	0.000	0.400	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	0.000	0.000	0.000	0.000	9.100	9.100	9.100	0.000	1476.000	1645.000
BT	0.000	5.100	1510.600	1595.000	0.000	0.000	0.000	0.000	0.000	0.000
XI	2530.000	25.000	1558.000	1500.000	52.000	52.000	52.000	0.000	6.000	0.000
GN	650.000	1000.000	628.200	1100.000	627.500	1200.000	626.600	1250.000	627.700	1260.000
GR	619.000	1270.000	618.500	1300.000	610.300	1400.000	606.200	1500.000	601.500	1558.000
GR	598.600	1562.000	595.300	1565.000	595.400	1576.000	602.200	1580.000	601.400	1585.000
GR	602.200	1800.000	605.100	1700.000	619.600	1800.000	622.700	1900.000	622.900	2000.000
GR	623.100	2100.000	625.400	2200.000	630.200	2400.000	0.000	0.000	0.000	0.000
GC	0.110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GF	8.000	1750.000	1750.000	1750.000	850.000	1390.000	1730.000	2570.000	6.000	0.000
FI	0.000	5.100	1270.600	1360.000	0.000	0.000	0.000	0.000	0.000	0.000

SLAVEYIELD SECTION

XI	2750.000	19.000	1345.000	1360.000	1130.000	1130.000	1130.000	0.000	6.000	0.000
GR	626.500	1100.000	617.500	1190.000	614.500	1200.000	609.900	1215.000	603.500	1300.000
GR	604.500	1395.000	600.700	1347.000	600.000	1353.000	601.500	1357.000	603.600	1360.000
GR	604.400	1400.000	607.500	1473.000	608.000	1500.000	614.600	1600.000	623.400	1800.000
GR	632.000	2200.000	630.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GT	0.000	1170.000	1176.000	1170.000	560.000	950.000	1170.000	1770.000	6.000	0.000
FI	0.000	5.100	1365.000	1460.000	0.000	0.000	0.000	0.000	0.000	0.000

SLAVEYIELD SECTION

YI	2950.000	16.000	1418.000	1456.000	1250.000	1250.000	1250.000	0.000	6.000	0.000
GR	657.300	1000.000	625.400	1100.000	620.800	1200.000	613.600	1300.000	605.500	1400.000
GR	605.500	1416.000	607.300	1427.000	606.100	1427.000	606.300	1433.000	607.600	1436.000
GR	605.000	1800.000	614.500	1600.000	621.000	1700.000	626.300	1726.000	631.800	1800.000
GR	636.500	1870.000	630.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GT	0.000	1190.000	1190.000	1190.000	550.000	950.000	1190.000	1770.000	6.000	0.000
FI	0.000	0.000	0.000	0.000	5.100	9.100	9.100	0.000	1426.000	1550.000
FI	0.000	5.100	1415.600	1436.000	0.000	0.000	0.000	0.000	0.000	0.000

SLAVEYIELD SECTION

XI	3075.000	17.000	1447.000	1456.000	1025.000	1025.000	1025.000	0.000	6.000	0.000
GR	645.000	1050.000	645.200	1100.000	635.200	1200.000	628.800	1300.000	618.000	1400.000
GR	612.500	1447.000	611.500	1440.000	611.400	1453.000	611.500	1457.000	613.300	1455.000
GR	615.600	1800.000	619.500	1600.000	631.000	1700.000	634.200	1724.000	636.700	1864.000
GR	627.200	1900.000	638.400	2000.000	0.000	0.000	0.000	0.000	0.000	0.000
GT	0.000	1580.000	1580.000	1580.000	14.500	0.500	98.000	0.000	612.000	611.700
FI	0.000	5.110	1447.000	1461.500	0.000	0.000	0.000	0.000	0.000	0.000

YI	3165.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.300	0.000
Y2	0.000	0.000	0.000	0.000	624.200	0.000	0.000	0.000	0.000	0.000
Y3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	624.200	0.000	0.000
BT	13.000	1050.000	645.000	0.000	1300.000	628.800	0.000	1400.000	624.200	0.000
BT	1447.000	624.200	0.000	1447.000	624.200	612.000	1461.500	624.200	612.000	1461.500
BT	624.200	0.000	1500.000	624.200	0.000	1600.000	625.700	0.000	160.000	627.000

BT	0.000	1700.000	631.000	0.000	1784.000	634.200	0.000	1900.000	637.800	0.000
ET	0.000	0.000	0.000	0.000	9.100	9.100	0.000	0.000	1400.000	1510.000
FT	0.000	5.100	1425.000	1480.000	0.000	0.000	0.000	0.000	6.000	0.000

S-SURVEYED SECTION

XI	21075.000	17.000	1447.000	1459.000	50.000	50.000	50.000	0.000	0.000	-0.900	0.000
GR	645.000	1070.000	640.500	1140.000	635.200	1200.000	628.200	1300.000	618.800	1400.000	0.000
BR	615.200	1447.000	613.400	1449.000	613.700	1453.000	613.800	1457.000	615.600	1459.000	0.000
BR	616.500	1500.000	620.600	1600.000	631.000	1700.000	634.200	1784.000	636.700	1864.000	0.000
BR	657.800	1400.000	638.000	2000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	8.000	1070.000	1070.000	1070.000	470.000	460.000	1070.000	1420.000	6.000	0.000	0.000
ET	0.000	5.100	1410.000	1480.000	0.000	0.000	0.000	0.000	6.000	0.000	0.000

XI	31125.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.000	0.000
ET	0.000	5.100	1410.000	1480.000	0.000	0.000	0.000	0.000	6.000	0.000	0.000

S-1000 SECTION

XI	31250.000	11.000	1447.000	1459.000	125.000	125.000	125.000	0.000	0.000	0.000	0.000
GR	630.000	1325.000	625.000	1305.000	620.000	1400.000	616.200	1447.000	618.400	1449.000	0.000
BR	616.800	1453.000	614.400	1457.000	616.600	1459.000	620.000	1530.000	625.000	1605.000	0.000
BR	650.600	1585.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	0.000	5.100	1400.000	1480.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

S-1000 SECTION

XI	31750.000	11.000	1447.000	1459.000	500.000	500.000	500.000	0.000	0.000	0.000	0.000
GR	625.000	1115.000	625.000	1215.000	620.000	1420.000	615.200	1447.000	616.900	1449.000	0.000
BR	616.800	1453.000	616.900	1457.000	619.900	1459.000	620.000	1470.000	625.000	1538.000	0.000
BR	650.600	1585.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	0.000	5.100	1425.000	1465.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

S-1000 SECTION

XI	32250.000	0.000	1447.000	1459.000	400.000	400.000	400.000	0.000	0.000	0.000	0.000
GR	625.000	1225.000	625.000	1340.000	622.600	1447.000	615.300	1449.000	619.200	1453.000	0.000
BR	616.800	1453.000	625.000	1450.000	625.000	1522.000	630.000	1558.000	600.000	1600.000	0.000
BR	650.600	1585.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	0.000	5.100	1425.000	1515.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

S-SURVEYED SECTION

XI	42500.000	15.000	1446.000	1496.000	100.000	100.000	100.000	0.000	0.000	0.000	0.000
GR	645.000	1000.000	642.000	1100.000	642.200	1118.000	642.000	1200.000	636.900	1300.000	0.000
BR	627.500	1400.000	623.300	1480.000	620.000	1485.000	619.900	1489.000	620.100	1492.000	0.000
BR	625.000	1490.000	624.100	1500.000	644.000	1609.000	644.600	1700.000	649.300	1800.000	0.000
BT	0.000	1010.000	1010.000	1010.000	421.000	410.000	1010.000	1550.000	0.000	0.000	0.000
ET	0.000	5.100	1445.000	1495.000	0.000	0.000	0.000	0.000	6.000	0.000	0.000

S-1000 SECTION

XI	42600.000	11.000	591.000	1008.000	270.000	270.000	270.000	0.000	0.000	0.000	0.000
GR	625.000	1115.000	620.000	1006.000	625.000	950.000	624.900	991.000	628.000	995.000	0.000
BR	626.500	1000.000	620.000	1006.000	624.900	1008.000	625.000	1045.000	630.000	1075.000	0.000
BR	625.000	1119.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	0.000	0.000	0.000	0.000	9.100	0.000	0.000	0.000	2000.000	2150.000	0.000
ET	0.000	5.100	2070.000	2200.000	0.000	0.000	0.000	0.000	6.000	0.000	0.000

BT 0.000 1700.000 631.000 0.000 1780.000 634.200 0.000 1500.000 637.800 0.000
 EI 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 ET 0.000 3.100 1425.000 1460.000 0.000 0.000 0.000 0.000 0.000 0.000

8-SUBVISED SECTION

XI 31075.000 17.000 1497.000 1459.000 50.000 50.000 50.000 0.000 0.000 -0.900 0.000
 CR 645.000 1030.000 640.500 1106.000 655.200 1200.000 628.800 1300.000 618.000 1400.000
 GR 615.200 1497.000 612.800 1449.000 613.700 1453.000 613.800 1457.000 615.600 1459.000
 BR 618.500 1500.000 620.000 1600.000 631.000 1700.000 634.200 1780.000 636.700 1864.000
 BR 637.500 1990.000 632.400 2000.000 0.000 0.000 0.000 0.000 0.000 0.000
 GI 8.000 1070.000 1070.000 1070.000 470.000 1070.000 1070.000 1620.000 0.000 0.000
 EI 6.600 5.100 1410.000 1480.000 0.000 0.000 0.000 0.000 0.000 0.000

XI 31125.000 0.000 0.000 0.000 50.000 50.000 50.000 0.000 0.000 0.000
 EI 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

8-1000 SECTION

XI 31250.000 11.000 1497.000 1459.000 125.000 125.000 125.000 0.000 0.000 0.000
 GR 650.000 1525.000 625.000 1395.000 620.000 1400.000 616.200 1447.000 614.400 1449.000
 BR 618.500 1455.000 614.400 1457.000 616.600 1459.000 620.000 1510.000 625.000 1605.000
 BR 650.000 1655.000 600.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 EI 0.000 5.100 1400.000 1420.000 0.000 0.000 0.000 0.000 0.000 0.000

8-1100 SECTION

XI 31750.000 11.000 1497.000 1459.000 500.000 500.000 500.000 0.000 0.000 0.000
 GR 650.000 1115.000 625.000 1215.000 620.000 1420.000 615.200 1447.000 616.900 1449.000
 BR 618.500 1455.000 616.900 1457.000 618.900 1459.000 620.000 1470.000 625.000 1538.000
 BR 650.000 1565.000 600.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 EI 0.000 5.100 1395.000 1405.000 0.000 0.000 0.000 0.000 0.000 0.000

8-1200 SECTION

XI 32250.000 9.000 1497.000 1459.000 480.000 480.000 480.000 0.000 0.000 0.000
 GR 650.000 1495.000 625.000 1390.000 620.000 1447.000 615.200 1449.000 615.200 1452.000
 BR 618.500 1455.000 623.000 1459.000 625.000 1527.000 630.000 1528.000 600.000 0.000
 EI 0.000 5.100 1425.000 1415.000 0.000 0.000 0.000 0.000 0.000 0.000

8-SUBVISED SECTION

XI 32250.000 15.000 1497.000 1496.000 100.000 100.000 100.000 0.000 0.000 0.000
 CR 645.000 1000.000 642.200 1100.000 642.200 1118.000 642.000 1260.000 636.900 1300.000
 GR 627.500 1400.000 623.300 1406.000 620.000 1405.000 619.500 1489.000 620.100 1492.000
 BR 627.500 1490.000 624.100 1500.000 637.000 1600.000 644.600 1720.000 645.300 1806.000
 BR 600.000 1010.000 1010.000 1010.000 400.000 810.000 1010.000 1550.000 0.000 0.000
 EI 0.000 5.100 1445.000 1450.000 0.000 0.000 0.000 0.000 0.000 0.000

8-1000 SECTION

XI 32400.000 11.000 1497.000 1496.000 270.000 270.000 270.000 0.000 0.000 0.000
 CR 650.000 1115.000 655.000 1000.000 625.000 930.000 624.900 981.000 620.600 995.000
 GR 620.500 1000.000 620.600 1006.000 624.900 1008.000 625.000 1045.000 630.000 1075.000
 GR 625.000 1110.000 600.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 EI 0.000 0.000 0.000 0.000 5.100 0.000 0.000 0.000 0.000 0.000
 EI 0.000 3.100 2070.000 2200.000 0.000 0.000 0.000 0.000 0.000 0.000

BT 0.000 1700.000 631.000 0.000 1780.000 634.200 0.000 1500.000 637.800 0.000
 EI 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 ET 0.000 3.100 1425.000 1460.000 0.000 0.000 0.000 0.000 0.000 0.000

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

T1 FPMR - FIS BURLINGTON
 T2 100 YR NATURAL
 T3 GUNN CP

J1	ICHECK	JND	NINV	IDIR	STRT	METRIC	HVINS	WSEL	FO	
0.	7.	0.	0.	0.000000	0.00	0.0	0.	578.140	0.000	
J2	APROF	IPLUT	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CPNIN	ITRACE
3.000	0.000	-1.000	0.000	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

T1 FPM8 - FIS HOPLINGTON
T2 500 YA NATURAL
T3 GUNN CR

J1	ICHECK	IND	NINV	IDIR	SIR1	METRIC	HVINS	G	WSEL	F0
	0.	8.	0.	0.	0.000000	0.00	0.0		0.579.350	0.500
J2	APRUF	IPLOT	PRFVS	XSECV	XSECH	FM	ALLDC	IBW	CHNIM	ITRACE
	15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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

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

GURN CR

SUMMARY PRINTOUT

SFLAO	CWSEL	IG	ILMIN	ELLC
15025.000	576.51	576.76	567.80	0.00
15025.000	577.65	577.90	567.80	0.00
15025.000	578.14	578.41	567.80	0.00
15025.000	579.35	579.60	567.80	0.00
20070.000	580.26	580.52	573.90	0.00
20070.000	581.32	582.21	573.90	0.00
20070.000	581.57	582.94	573.90	0.00
20070.000	583.10	584.21	573.90	0.00
22375.000	586.44	586.14	502.90	0.00
22375.000	590.14	590.40	502.90	0.00
22375.000	590.76	591.02	502.90	0.00
22375.000	592.05	592.27	502.90	0.00
23440.000	594.26	594.75	508.60	0.00
23440.000	595.12	595.68	508.60	0.00
23440.000	595.60	596.27	508.60	0.00
23440.000	596.60	597.34	508.60	0.00
23455.000	593.91	595.49	508.60	0.00
23455.000	595.22	597.61	508.60	0.00
23455.000	595.82	597.55	508.60	0.00
23455.000	597.45	598.64	508.60	0.00
23465.000	595.00	595.74	508.60	0.00
23465.000	596.43	597.27	508.60	0.00
23465.000	597.37	598.26	508.60	0.00
23465.000	599.06	599.50	508.60	0.00
23475.000	595.78	595.50	508.60	0.00
23475.000	597.35	597.60	508.60	0.00
23475.000	598.35	598.44	508.60	0.00
23475.000	600.06	600.15	508.60	0.00
24000.000	597.20	597.56	590.80	0.00
24000.000	598.44	598.76	590.80	0.00
24000.000	599.26	599.56	590.80	0.00
24000.000	600.25	601.05	590.80	0.00

SECNO CAMEL F6 ELMIN ELLC

25110.000	601.14	601.26	595.70	0.00
25110.000	602.00	602.12	595.70	0.00
25110.000	602.58	602.70	595.70	0.00
25110.000	603.63	603.81	595.70	0.00
25216.000	601.74	601.86	595.60	0.00
25216.000	601.82	601.95	595.60	0.00
25216.000	602.05	602.19	595.60	0.00
25216.000	602.79	602.92	595.60	0.00
25440.000	601.34	602.18	596.50	605.50
25440.000	602.11	603.62	596.50	605.50
25440.000	602.88	604.75	596.50	605.50
25440.000	605.44	607.74	596.50	605.50
25550.000	602.57	604.84	596.80	0.00
25550.000	604.20	604.30	596.80	0.00
25550.000	605.41	605.55	596.80	0.00
25550.000	608.37	608.50	596.80	0.00
26000.000	603.74	603.91	597.80	0.00
26000.000	605.01	605.10	597.80	0.00
26000.000	606.06	606.15	597.80	0.00
26000.000	608.76	608.80	597.80	0.00
26220.000	604.30	604.81	598.60	0.00
26220.000	605.28	605.49	598.60	0.00
26220.000	606.20	606.76	598.60	0.00
26220.000	608.75	609.19	598.60	0.00
26237.000	604.75	604.94	598.40	0.00
26237.000	605.74	606.05	598.40	0.00
26237.000	606.56	606.50	598.40	0.00
26237.000	608.84	609.26	598.40	0.00
26240.000	604.78	604.91	598.46	610.70
26240.000	605.79	606.02	598.46	610.70
26240.000	606.47	606.55	598.46	610.70
26240.000	608.77	609.30	598.46	610.70
26320.000	604.69	605.27	598.60	0.00
26320.000	605.59	606.62	598.60	0.00
26320.000	606.39	607.48	598.60	0.00
26320.000	608.87	609.59	598.60	0.00
27050.000	608.51	608.60	600.40	0.00
27050.000	610.07	610.13	600.40	0.00
27050.000	610.67	616.56	600.40	0.00
27050.000	612.31	612.46	600.40	0.00
29900.000	612.28	612.44	606.10	0.00
29900.000	613.73	617.59	606.10	0.00
29900.000	614.42	614.59	606.10	0.00
29900.000	615.91	616.07	606.10	0.00

ELLC

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SECU	CASHL	F6	ELMIN	ELLC
30925.000	615.80	616.61	611.40	0.00
30925.000	617.05	618.11	611.40	0.00
30925.000	617.59	618.73	611.40	0.00
30925.000	618.67	619.90	611.40	0.00
30975.000	616.40	617.31	611.70	0.00
30975.000	617.45	618.38	611.70	0.00
30975.000	617.72	620.37	611.70	0.00
30975.000	619.41	621.09	611.70	0.00
31025.000	618.69	617.55	612.00	619.00
31025.000	619.21	618.87	612.00	619.00
31025.000	619.10	621.09	612.00	619.00
31025.000	624.90	625.11	612.00	619.00
31075.000	617.64	618.14	612.80	0.00
31075.000	620.16	620.48	612.80	0.00
31075.000	621.35	621.69	612.80	0.00
31075.000	625.00	625.17	612.80	0.00
31125.000	617.99	618.67	613.70	0.00
31125.000	620.33	620.60	613.70	0.00
31125.000	621.52	621.70	613.70	0.00
31125.000	625.09	625.22	613.70	0.00
31250.000	619.33	619.44	614.50	0.00
31250.000	623.00	621.40	614.50	0.00
31250.000	621.80	622.50	614.50	0.00
31250.000	625.20	625.42	614.50	0.00
31750.000	625.22	625.41	616.80	0.00
31750.000	625.40	625.40	616.80	0.00
31750.000	628.04	628.21	616.80	0.00
31750.000	628.10	628.19	616.80	0.00
32250.000	624.57	625.05	619.20	0.00
32250.000	625.62	625.60	619.20	0.00
32250.000	626.06	626.50	619.20	0.00
32250.000	627.12	627.51	619.20	0.00
32350.000	625.31	625.83	619.90	0.00
32350.000	626.25	627.15	619.90	0.00
32350.000	626.60	627.70	619.90	0.00
32350.000	627.39	628.40	619.90	0.00
32600.000	626.70	626.84	620.50	0.00
32600.000	628.20	628.37	620.50	0.00
32600.000	626.85	626.01	620.50	0.00
32600.000	630.19	630.39	620.50	0.00
32800.000	628.41	628.70	622.50	0.00
32800.000	630.00	630.59	622.50	0.00
32800.000	630.62	631.27	622.50	0.00
32800.000	631.96	632.64	622.50	0.00

SECNO CASEL EFB ELFIN ELLC

31250.000	628.40	629.23	622.50	0.00
31250.000	630.00	631.30	622.50	0.00
31250.000	630.67	631.95	622.50	0.00
31250.000	632.12	632.12	622.50	0.00
31371.000	628.67	628.69	623.50	630.90
31371.000	633.21	633.64	623.50	630.90
31371.000	633.89	633.80	623.50	630.90
31371.000	634.45	634.57	623.50	630.90
31420.000	629.00	630.10	624.00	0.00
31420.000	633.71	633.70	624.00	0.00
31420.000	633.94	634.04	624.00	0.00
31420.000	634.51	634.60	624.00	0.00
31700.000	630.90	631.09	625.50	0.00
31700.000	633.93	633.58	625.50	0.00
31700.000	634.23	634.30	625.50	0.00
31700.000	634.90	635.11	625.50	0.00
34200.000	633.12	633.70	628.30	0.00
34200.000	634.47	635.00	628.30	0.00
34200.000	634.90	635.55	628.30	0.00
34200.000	635.10	636.50	628.30	0.00
34380.000	634.62	635.10	629.30	0.00
34380.000	635.88	636.70	629.30	0.00
34380.000	636.30	637.35	629.30	0.00
34380.000	637.01	638.00	629.30	0.00
34450.000	635.14	635.70	630.10	0.00
34450.000	636.55	637.05	630.10	0.00
34450.000	637.14	638.09	630.10	0.00
34450.000	638.50	639.50	630.10	0.00
34750.000	638.63	639.40	634.20	0.00
34750.000	640.10	640.50	634.20	0.00
34750.000	640.50	640.97	634.20	0.00
34750.000	641.79	642.11	634.20	0.00
35230.000	642.23	642.54	636.40	0.00
35230.000	643.20	643.44	636.40	0.00
35230.000	643.69	643.82	636.40	0.00
35230.000	644.50	644.60	636.40	0.00

SUMMARY FINANCIAL

SELEP	CRSFL	MIOP	RCH	GRUP	VLGR	VCH	VROR
19025.000	576.51	265.10	755.65	158.97	0.97	5.02	1.26
19025.000	577.05	560.51	922.91	256.16	1.22	5.38	1.49
19025.000	578.14	790.65	1056.84	332.51	1.38	5.79	1.64
19025.000	579.35	1433.05	1246.03	520.92	1.64	6.21	1.84
20670.000	580.26	31.74	966.94	101.35	1.35	6.81	1.40
20670.000	581.32	83.27	1396.64	260.13	1.84	7.40	2.00
20670.000	581.57	142.64	1645.06	349.04	2.04	8.01	2.33
20670.000	583.10	605.60	2218.03	746.11	2.51	10.52	2.64
22375.000	584.49	398.53	608.40	93.00	1.62	5.21	1.07
22375.000	590.14	685.47	819.01	230.72	1.82	5.64	1.30
22375.000	590.76	841.00	941.39	347.55	1.97	5.90	1.40
22375.000	592.09	1365.50	1206.73	657.71	2.20	6.34	1.61
23440.000	594.20	317.14	623.34	93.27	1.84	7.07	1.85
23440.000	595.12	604.24	859.50	176.21	2.26	8.08	2.24
23440.000	595.64	856.49	963.51	247.74	2.48	8.66	2.51
23440.000	596.66	1404.52	1201.04	411.64	2.86	9.56	2.53
23440.000	598.41	27.70	640.44	111.80	2.40	10.76	2.74
23440.000	598.22	67.75	1277.26	274.96	3.02	11.90	3.26
23440.000	598.68	164.20	1556.61	409.16	3.00	12.17	3.44
23440.000	597.43	252.81	2079.02	744.16	3.64	14.20	4.72
23440.000	595.06	42.44	744.74	192.77	2.12	7.73	2.59
23440.000	596.68	56.65	1112.21	409.75	2.03	8.65	3.31
23440.000	597.31	171.02	1322.10	576.00	2.16	9.10	3.69
23440.000	594.65	403.25	1795.24	911.16	2.10	9.70	4.21
23475.000	595.70	654.23	456.36	143.41	1.23	3.89	1.39
23475.000	597.35	602.67	593.06	255.85	1.31	3.90	1.49
23475.000	594.35	1045.74	633.66	340.55	1.35	3.91	1.53
23475.000	600.05	1754.27	743.56	530.07	1.47	4.12	1.64
20000.000	637.26	150.55	337.87	232.76	1.41	5.92	1.54
20000.000	636.44	255.40	827.32	437.22	1.59	6.14	1.74
20000.000	635.26	403.31	922.02	564.66	1.64	6.12	1.80
20000.000	600.85	847.50	1052.34	1174.76	1.76	5.84	1.93
25110.000	601.14	203.94	609.50	306.51	1.16	3.96	1.38
25110.000	606.00	304.74	527.63	657.63	1.44	4.36	1.64
25110.000	602.56	446.12	621.26	660.62	1.64	4.67	1.91
25110.000	603.42	50.24	843.27	1416.44	2.05	5.42	2.36
25210.000	601.24	6.00	1000.00	0.00	0.00	6.33	0.00
25210.000	601.82	0.00	1550.00	0.00	0.00	8.84	0.00
25210.000	602.05	0.00	2000.00	0.00	0.00	11.07	0.00
25210.000	602.74	0.00	5000.00	0.00	0.00	15.30	0.00
25440.000	601.30	6.00	1000.00	0.00	0.00	7.38	0.00
25440.000	602.11	0.00	1550.00	0.00	0.00	9.87	0.00
25440.000	602.60	0.00	2000.00	0.00	0.00	11.59	0.00
25440.000	605.44	0.00	5000.00	0.00	0.00	12.31	0.00

SFCNO	CRSEL	MLP	CLH	CRSE	MLOP	VCH	VRCH
25550.000	602.67	272.86	502.65	209.72	1.48	4.37	1.49
25550.000	604.20	478.86	607.13	394.00	1.66	4.35	1.72
25550.000	605.41	650.62	770.05	595.33	1.77	4.40	1.84
25550.000	608.37	1619.67	691.95	808.39	1.78	4.12	1.85
26000.000	603.79	176.79	407.16	346.05	0.80	3.86	1.25
26000.000	605.01	342.39	528.56	329.05	1.03	3.63	1.38
26000.000	606.06	590.58	506.60	804.82	1.11	3.94	1.41
26000.000	608.76	1625.63	691.93	1212.44	1.10	2.51	1.32
26220.000	604.30	77.39	676.87	175.79	1.59	6.55	2.16
26220.000	605.26	160.27	948.54	331.19	2.24	7.61	2.81
26220.000	608.20	274.94	1111.15	503.91	2.98	7.67	3.03
26220.000	608.73	499.56	1627.27	802.64	2.57	7.12	3.08
26237.000	609.75	0.00	950.00	0.00	0.00	3.49	0.00
26237.000	605.74	0.00	1400.00	0.00	0.00	4.34	0.00
26237.000	606.76	0.00	1490.00	0.00	0.00	4.70	0.00
26237.000	608.89	0.00	2790.00	0.00	0.00	4.84	0.00
26260.000	604.78	0.00	950.00	0.00	0.00	3.47	0.00
26260.000	605.74	0.00	1400.00	0.00	0.00	4.30	0.00
26260.000	606.61	0.00	1490.00	0.00	0.00	4.66	0.00
26260.000	608.94	0.00	2790.00	0.00	0.00	4.61	0.00
26320.000	608.80	105.21	796.64	63.05	1.74	7.13	6.23
26320.000	605.50	246.12	1109.67	49.51	2.33	9.64	6.31
26320.000	606.39	307.56	1427.71	74.70	2.61	9.57	6.35
26320.000	608.87	657.63	1767.61	130.33	2.70	8.29	6.35
26450.000	608.51	419.53	360.93	46.09	1.19	4.44	6.13
26450.000	610.07	773.96	617.52	54.51	1.39	4.00	6.16
26450.000	610.37	1605.34	593.05	131.21	1.52	4.19	6.17
26450.000	612.31	1872.12	763.92	214.06	1.83	4.80	6.21
26460.000	612.26	131.52	390.16	39.32	6.91	3.88	6.14
26460.000	613.73	319.73	534.34	76.93	1.00	4.22	6.10
26460.000	614.92	481.11	608.64	100.60	1.21	4.37	6.17
26460.000	615.91	633.20	713.26	163.52	1.41	4.66	6.19
30920.000	614.20	103.21	387.77	19.01	2.12	7.79	6.29
30920.000	617.05	247.06	648.70	54.24	3.09	9.81	6.34
30920.000	617.50	326.29	744.93	75.29	3.47	10.77	6.38
30920.000	619.67	604.16	973.12	130.71	3.56	11.67	6.42
30975.000	616.46	6.60	510.00	0.00	0.00	7.39	6.00
30975.000	617.45	6.60	530.00	0.00	0.00	11.15	6.00
30975.000	617.72	6.60	1146.00	0.00	0.00	13.05	6.00
30975.000	619.41	301.59	1229.14	79.32	3.20	11.89	6.39
31025.000	619.69	6.60	510.00	0.00	0.00	7.56	6.00
31025.000	618.21	6.60	530.00	0.00	0.00	10.32	6.00
31025.000	619.10	6.60	1146.00	0.00	0.00	16.94	6.00
31025.000	620.96	794.38	787.20	169.43	1.09	4.16	6.19

SECRN	CMSFL	BLOR	GCH	LRUB	VLOR	VCF	VROR
31075.000	617.64	361.40	26.16	1.60	6.70	0.24	0.24
31075.000	620.18	501.13	71.40	1.93	5.94	0.26	0.26
31075.000	621.35	484.06	78.30	1.98	5.80	0.26	0.26
31075.000	625.06	603.26	227.06	1.39	4.22	0.16	0.16
31125.000	617.99	357.34	20.32	1.81	7.51	0.23	0.23
31125.000	620.53	412.40	70.79	1.88	6.23	0.22	0.22
31125.000	621.52	513.42	105.99	1.81	5.71	0.21	0.21
31125.000	625.09	582.41	202.97	1.44	4.39	0.19	0.19
31250.000	619.33	361.84	13.57	1.50	6.52	0.17	0.17
31250.000	620.86	559.03	45.15	2.08	7.29	0.24	0.24
31250.000	621.80	404.63	69.32	2.15	6.94	0.25	0.25
31250.000	625.20	681.43	148.23	1.84	5.40	0.21	0.21
31750.000	625.22	205.54	7.82	1.14	4.51	0.13	0.13
31750.000	623.08	367.21	19.57	1.34	4.96	0.16	0.16
31750.000	624.04	406.79	26.36	1.40	5.07	0.17	0.17
31750.000	626.10	422.54	47.96	1.24	4.00	0.15	0.15
32230.000	624.57	358.52	5.02	1.23	6.33	0.13	0.13
32230.000	625.62	486.62	20.87	1.78	7.03	0.20	0.20
32230.000	626.05	559.25	30.70	1.98	7.24	0.23	0.23
32230.000	627.12	648.51	58.33	2.29	7.43	0.27	0.27
32330.000	625.31	424.50	1.66	1.14	6.08	0.14	0.14
32330.000	626.25	707.50	6.07	1.76	8.34	0.22	0.22
32330.000	626.50	648.77	8.97	2.05	9.40	0.25	0.25
32330.000	627.39	1180.63	18.37	2.65	11.47	0.33	0.33
32600.000	626.70	312.42	7.42	0.82	3.42	0.10	0.10
32600.000	627.21	401.14	22.65	1.23	4.12	0.15	0.15
32600.000	627.45	555.92	31.26	1.36	4.26	0.17	0.17
32600.000	630.19	743.91	55.45	1.68	4.94	0.20	0.20
32640.000	626.01	419.79	0.19	0.15	4.73	0.04	0.04
32640.000	630.00	709.46	28.25	0.93	6.38	0.16	0.16
32640.000	630.22	802.99	45.04	1.15	6.88	0.20	0.20
32640.000	631.96	1153.87	110.02	1.61	7.55	0.26	0.26
32650.000	626.06	420.00	0.00	0.00	7.02	0.00	0.00
32650.000	630.09	725.16	41.35	1.30	5.66	0.25	0.25
32650.000	630.57	821.06	74.59	1.63	6.66	0.30	0.30
32650.000	632.10	501.32	107.16	2.18	9.64	0.35	0.35
32710.000	626.57	1.00	0.00	0.00	8.13	0.00	0.00
32710.000	632.21	595.74	214.25	0.00	6.14	0.33	0.33
32710.000	633.84	376.16	141.25	1.27	3.52	0.17	0.17
32710.000	634.43	798.52	266.45	1.76	4.80	0.23	0.23
32720.000	624.50	294.19	8.85	0.61	4.35	0.12	0.12
32720.000	632.71	453.35	61.70	0.74	2.85	0.11	0.11
32720.000	632.94	548.79	105.02	0.95	3.36	0.13	0.13
32720.000	634.51	707.16	172.33	1.34	4.54	0.17	0.17

SECID	CASEL	GLOR	GCH	FRUB	VLOR	VCF	VF08
33700.000	650.90	42.48	308.97	1.56	0.80	3.93	0.09
33700.000	653.95	425.60	351.97	12.23	0.93	2.71	0.09
33700.000	654.23	535.74	424.03	16.22	1.09	3.14	0.10
33700.000	654.98	673.35	617.50	29.17	1.51	4.18	0.14
34200.000	655.12	64.66	362.35	2.77	0.86	6.32	0.12
34200.000	654.57	135.73	503.22	16.83	1.41	7.23	0.18
34200.000	654.96	298.81	655.57	25.61	1.54	7.45	0.20
34200.000	656.10	688.20	774.66	57.07	1.94	7.36	0.24
34500.000	654.82	14.94	306.15	6.90	0.99	6.03	0.14
34500.000	655.88	89.13	609.30	31.57	1.91	6.15	0.24
34500.000	656.30	145.80	797.91	97.20	2.26	9.08	0.28
34500.000	657.01	269.51	1155.17	94.92	3.16	11.82	0.37
34500.000	655.14	9.00	365.97	4.99	1.03	6.09	0.12
34500.000	656.25	64.86	654.41	40.73	1.99	6.20	0.23
34500.000	657.14	103.22	759.78	66.99	2.21	6.63	0.26
34500.000	658.38	244.36	1097.65	167.89	2.68	9.68	0.31
34750.000	650.63	56.80	298.42	24.76	1.48	7.91	0.21
34750.000	640.10	267.02	395.39	97.59	1.82	7.54	0.27
34750.000	640.56	381.80	420.71	127.41	1.99	7.36	0.28
34750.000	641.74	737.38	502.32	220.30	2.35	7.25	0.31
35200.000	642.23	162.57	147.20	30.23	1.15	3.88	0.15
35200.000	643.28	416.92	234.55	66.55	1.71	5.00	0.20
35200.000	643.64	537.41	275.86	86.33	1.94	5.61	0.23
35200.000	644.58	805.23	370.00	145.77	2.44	6.68	0.29

GUNW CR

SUMMARY PRINTOUT

SUCRD	CASEL	SSIA	STOHL	STCHH	ENDSI	TOPNID
15625.000	576.51	810.15	890.00	1012.00	1062.08	251.93
15625.000	577.63	774.25	890.00	1012.00	1071.20	300.95
15625.000	578.14	753.54	890.00	1012.00	1075.12	321.18
15625.000	579.33	719.43	890.00	1012.00	1084.64	305.21
20670.000	580.26	570.30	507.00	1012.00	1059.27	88.97
20670.000	581.32	561.35	507.00	1012.00	1072.36	111.02
20670.000	581.97	551.25	507.00	1012.00	1079.11	127.76
20670.000	583.10	535.26	507.00	1012.00	1090.70	155.44
22375.000	588.89	1241.54	1359.00	1362.00	1422.04	180.45
22375.000	590.14	1222.21	1359.00	1362.00	1446.55	223.34
22375.000	590.70	1215.31	1359.00	1362.00	1453.36	238.05
22375.000	592.09	1198.25	1359.00	1362.00	1468.08	259.83
23440.000	594.26	1370.15	1471.00	1469.00	1518.07	197.92
23440.000	595.12	1347.71	1471.00	1469.00	1524.31	176.61
23440.000	595.66	1323.74	1471.00	1469.00	1527.46	193.72
23440.000	596.68	1306.70	1471.00	1469.00	1533.35	232.65
23455.000	593.91	1403.65	1471.00	1469.00	1515.37	51.73
23455.000	595.22	1455.26	1471.00	1469.00	1523.15	63.69
23455.000	595.86	1457.12	1471.00	1469.00	1523.46	66.34
23455.000	597.43	1267.14	1471.00	1469.00	1524.21	110.29
23465.000	595.00	1455.58	1471.00	1469.00	1523.05	63.07
23465.000	596.43	1216.49	1471.00	1469.00	1523.73	78.30
23465.000	597.37	1280.79	1471.00	1469.00	1524.10	108.58
23465.000	598.65	1246.12	1471.00	1469.00	1524.90	155.38
23475.000	595.78	1350.79	1471.00	1469.00	1528.12	197.33
23475.000	597.35	1265.12	1471.00	1469.00	1537.25	255.13
23475.000	598.35	1262.25	1471.00	1469.00	1543.07	280.72
23475.000	599.06	1223.54	1471.00	1469.00	1552.57	329.30
24000.000	597.20	1308.21	1375.00	1394.00	1478.11	165.80
24000.000	598.40	1282.74	1375.00	1394.00	1510.04	226.30
24000.000	599.28	1267.25	1375.00	1394.00	1521.97	260.21
24000.000	600.83	1244.21	1375.00	1394.00	1561.60	317.39
25110.000	601.14	1590.60	1600.00	1701.00	1830.00	240.00
25110.000	602.00	1550.60	1600.00	1701.00	1830.60	240.00
25110.000	602.50	1590.60	1600.00	1701.00	1830.60	240.00
25110.000	603.23	1520.60	1600.00	1701.00	1830.00	240.00
25210.000	601.24	1831.00	1831.00	1859.00	1859.00	28.00
25210.000	601.82	1831.00	1831.00	1859.00	1859.00	28.00
25210.000	602.05	1831.00	1831.00	1859.00	1859.00	28.00
25210.000	602.79	1831.00	1831.00	1859.00	1859.00	28.00
25440.000	601.34	1831.00	1831.00	1859.00	1859.00	28.00
25440.000	602.11	1831.00	1831.00	1859.00	1859.00	28.00
25440.000	602.66	1831.00	1831.00	1859.00	1859.00	28.00
25440.000	603.44	1831.00	1831.00	1859.00	1859.00	28.00

SFCNO	CPSEL	SSJA	SICHL	SICHR	ENDSI	TOPRID
25550.000	602.67	920.00	508.00	1010.00	1070.00	150.00
25550.000	604.70	920.00	508.00	1010.00	1070.00	150.00
25550.000	605.41	920.00	508.00	1010.00	1070.00	150.00
25550.000	608.37	920.00	508.00	1010.00	1070.00	150.00
26000.000	603.79	850.00	508.00	1010.00	1140.00	285.93
26000.000	605.01	840.00	508.00	1010.00	1140.00	300.00
26000.000	606.06	840.00	508.00	1010.00	1140.00	300.00
26000.000	608.76	840.00	508.00	1010.00	1140.00	300.00
26220.000	604.30	1525.00	1528.00	1500.00	1625.00	100.00
26220.000	605.20	1525.00	1528.00	1500.00	1625.00	100.00
26220.000	606.20	1525.00	1528.00	1500.00	1625.00	100.00
26220.000	608.73	1525.00	1528.00	1500.00	1625.00	100.00
26237.000	604.75	1522.00	1522.00	1522.00	1597.00	75.00
26237.000	605.74	1522.00	1522.00	1522.00	1597.00	75.00
26237.000	606.50	1522.00	1522.00	1522.00	1597.00	75.00
26237.000	608.89	1522.00	1522.00	1522.00	1597.00	75.00
26266.000	604.70	1522.00	1522.00	1522.00	1597.00	75.00
26266.000	605.79	1522.00	1522.00	1522.00	1597.00	75.00
26266.000	606.51	1522.00	1522.00	1522.00	1597.00	75.00
26266.000	608.59	1522.00	1522.00	1522.00	1597.00	75.00
26520.000	604.69	1516.60	1528.00	1500.00	1626.13	117.53
26520.000	605.59	1507.50	1528.00	1500.00	1645.00	137.50
26520.000	606.39	1494.18	1528.00	1500.00	1645.00	149.82
26520.000	608.87	1470.00	1528.00	1500.00	1645.00	175.00
27450.000	608.51	1242.49	1245.00	1240.00	1507.70	214.21
27450.000	610.07	1214.44	1245.00	1260.00	1521.40	316.97
27450.000	610.67	1211.23	1245.00	1260.00	1543.52	331.11
27450.000	612.51	1207.13	1245.00	1260.00	1565.37	358.28
28900.000	612.20	1232.24	1418.00	1426.00	1556.99	224.75
28900.000	613.73	1228.17	1418.00	1426.00	1587.91	205.75
28900.000	614.42	1224.52	1418.00	1426.00	1601.84	313.52
28900.000	615.91	1227.27	1418.00	1426.00	1623.36	355.50
30925.000	615.80	1420.00	1427.00	1429.00	1517.96	97.96
30925.000	617.05	1420.00	1427.00	1429.00	1541.63	121.63
30925.000	617.59	1420.00	1427.00	1429.00	1550.00	130.00
30925.000	618.67	1392.50	1427.00	1429.00	1574.85	168.99
30975.000	616.40	1447.00	1447.00	1461.50	1461.50	14.50
30975.000	617.45	1447.00	1447.00	1461.50	1461.50	14.50
30975.000	617.72	1447.00	1447.00	1461.50	1461.50	14.50
30975.000	619.41	1392.50	1447.00	1461.50	1587.85	173.95
31025.000	616.69	1447.00	1447.00	1461.50	1461.50	14.50
31025.000	618.21	1447.00	1447.00	1461.50	1461.50	14.50
31025.000	619.16	1447.00	1447.00	1461.50	1461.50	14.50
31025.000	624.96	1361.22	1447.00	1461.50	1659.21	297.90

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SUCNO	CMSFL	SSIA	STCHL	STCHR	ENDSI	TOPKID
31075.000	617.84	1502.26	1447.00	1459.00	1510.00	106.54
31075.000	620.10	1400.00	1447.00	1459.00	1510.00	110.00
31075.000	621.35	1400.00	1447.00	1459.00	1510.00	110.00
31075.000	625.06	1328.42	1447.00	1459.00	1651.52	323.10
31125.000	617.89	1410.07	1447.00	1459.00	1529.67	119.20
31125.000	620.33	1364.72	1447.00	1459.00	1592.66	207.54
31125.000	621.52	1372.79	1447.00	1459.00	1408.80	236.07
31125.000	623.09	1336.59	1447.00	1459.00	1643.28	306.20
31250.000	619.33	1408.22	1447.00	1459.00	1515.96	107.64
31250.000	620.86	1393.52	1447.00	1459.00	1542.94	148.96
31250.000	621.86	1327.00	1447.00	1459.00	1557.85	170.84
31250.000	625.20	1303.25	1447.00	1459.00	1607.09	243.84
31750.000	622.22	1328.91	1447.00	1459.00	1500.20	171.25
31750.000	623.46	1277.20	1447.00	1459.00	1517.37	240.17
31750.000	624.04	1254.45	1447.00	1459.00	1524.91	270.46
31750.000	626.10	1182.54	1447.00	1459.00	1543.52	350.58
32230.000	624.57	1359.13	1447.00	1459.00	1508.48	149.35
32230.000	625.62	1328.19	1447.00	1459.00	1526.48	192.29
32230.000	626.06	1319.91	1447.00	1459.00	1529.61	209.70
32230.000	627.12	1299.71	1447.00	1459.00	1537.27	237.55
32330.000	625.31	1441.64	1440.00	1496.00	1509.41	67.77
32330.000	626.25	1423.77	1440.00	1496.00	1516.60	92.91
32330.000	626.69	1417.22	1440.00	1496.00	1519.35	102.13
32330.000	627.39	1402.16	1440.00	1496.00	1525.48	123.32
32000.000	626.70	512.56	591.00	1008.00	1055.24	142.26
32000.000	626.20	498.00	591.00	1008.00	1064.17	166.11
32000.000	628.23	491.71	591.00	1008.00	1067.97	176.27
32000.000	630.10	477.70	591.00	1008.00	1076.24	198.54
32240.000	628.41	2047.00	2090.00	2108.00	2136.00	42.90
32240.000	630.00	2044.70	2090.00	2108.00	2225.79	161.03
32240.000	630.62	2028.70	2090.00	2108.00	2239.91	211.21
32240.000	631.92	1952.99	2090.00	2108.00	2271.47	274.57
32250.000	628.40	2045.00	2095.00	2105.00	2105.00	10.00
32250.000	630.00	2030.37	2095.00	2105.00	2225.60	175.29
32250.000	630.67	2030.53	2095.00	2105.00	2241.12	210.49
32250.000	632.10	1990.64	2095.00	2105.00	2276.10	281.46
32371.000	626.67	2095.00	2095.00	2105.00	2105.00	10.00
32371.000	633.21	2095.00	2095.00	2105.00	2302.01	207.01
32371.000	633.89	1975.11	2095.00	2105.00	2403.23	428.12
32371.000	634.43	1905.50	2095.00	2105.00	2412.34	443.34
32420.000	629.40	2050.28	2090.00	2108.00	2160.00	109.42
32420.000	633.71	1977.20	2090.00	2108.00	2400.04	422.60
32420.000	633.94	1974.55	2090.00	2108.00	2404.05	429.50
32420.000	634.51	1902.00	2090.00	2108.00	2413.71	445.62

SECAU	CWSEL	SSIA	STCHL	SICHR	LNDST	TOPALU
33700.000	630.90	880.00	591.00	1008.00	1030.65	150.85
33700.000	633.93	880.00	591.00	1008.00	1067.12	187.12
33700.000	634.23	880.00	591.00	1008.00	1070.74	190.74
33700.000	634.96	880.00	591.00	1068.00	1079.75	199.75
34200.000	633.12	902.24	592.00	1007.00	1041.52	99.29
34200.000	634.47	883.00	592.00	1007.00	1076.44	193.44
34200.000	634.96	601.43	592.00	1007.00	1049.16	227.72
34200.000	636.10	641.09	592.00	1097.00	1118.92	277.93
34300.000	634.62	574.34	593.00	1007.00	1051.99	77.65
34300.000	635.88	562.86	593.00	1007.00	1095.62	152.74
34300.000	636.30	555.61	593.00	1007.00	1111.93	152.32
34300.000	637.01	553.93	593.00	1007.00	1140.33	186.40
34450.000	635.14	1455.01	1071.00	1485.00	1546.76	87.75
34450.000	636.55	1445.17	1071.00	1485.00	1619.27	165.10
34450.000	637.14	1045.04	1071.00	1485.00	1642.56	197.51
34450.000	638.56	1434.96	1071.00	1485.00	1711.69	276.72
34750.000	636.65	544.90	595.00	1005.00	1138.32	193.42
34750.000	640.10	895.42	595.00	1005.00	1201.74	302.32
34750.000	640.56	846.65	595.00	1005.00	1210.04	313.39
34750.000	641.74	889.31	595.00	1005.00	1232.06	342.74
35230.000	642.25	1393.30	1074.00	1482.00	1565.52	192.22
35230.000	643.28	1387.15	1074.00	1482.00	1607.75	220.62
35230.000	643.64	1385.02	1074.00	1482.00	1613.51	228.49
35230.000	644.50	1375.40	1074.00	1482.00	1628.69	249.23

*

SUMMARY PAYMENT TABLE 120

SECNO	XLCH	ELTRD	FLLC	ELRIP	G	CMSEL	CRMS	EG	LOKAS	VCH	AREA	*01K
19625.000	550.00	0.00	0.00	567.80	1100.00	576.51	0.00	576.78	26.10	5.02	488.89	215.30
19625.000	550.00	0.00	0.00	567.80	1740.00	577.55	0.00	577.90	24.27	5.38	604.01	353.15
19625.000	550.00	0.00	0.00	567.80	2180.00	578.14	0.00	578.41	25.58	5.79	956.60	427.70
19625.000	550.00	0.00	0.00	567.80	3250.00	579.33	0.00	579.60	24.99	6.21	1365.00	650.14
20670.000	1065.00	0.00	0.00	573.90	1100.00	580.20	0.00	580.92	60.95	6.91	236.26	140.90
20670.000	1065.00	0.00	0.00	573.90	1740.00	581.32	0.00	582.21	71.56	8.40	341.27	205.69
20670.000	1065.00	0.00	0.00	573.90	2180.00	581.97	0.00	582.94	72.82	9.01	415.25	255.92
20670.000	1065.00	0.00	0.00	573.90	3250.00	583.10	0.00	584.31	81.92	10.52	578.22	359.08
22375.000	1705.00	0.00	0.00	582.90	1100.00	588.89	0.00	589.14	38.83	5.21	449.65	177.44
22375.000	1705.00	0.00	0.00	582.90	1740.00	590.14	0.00	590.40	31.54	5.64	702.37	300.46
22375.000	1705.00	0.00	0.00	582.90	2180.00	590.76	0.00	591.02	32.30	5.90	845.23	383.08
22375.000	1705.00	0.00	0.00	582.90	3250.00	592.09	0.00	592.37	25.50	6.34	1185.05	597.23
23440.000	1065.00	0.00	0.00	588.60	1030.00	594.20	0.00	594.75	75.20	7.07	309.12	119.78
23440.000	1065.00	0.00	0.00	588.60	1620.00	595.12	0.00	595.68	79.13	8.08	450.36	182.11
23440.000	1065.00	0.00	0.00	588.60	2070.00	595.68	0.00	596.27	86.56	8.66	550.60	230.63
23440.000	1065.00	0.00	0.00	588.60	3080.00	596.68	0.00	597.34	80.61	9.56	765.11	343.04
23475.000	15.00	0.00	0.00	588.60	1030.00	593.91	0.00	595.49	193.02	10.78	133.63	74.14
23475.000	15.00	0.00	0.00	588.60	1620.00	595.22	0.00	597.01	170.44	11.94	210.61	124.09
23475.000	15.00	0.00	0.00	588.60	2070.00	595.86	0.00	597.95	175.58	13.17	252.65	154.47
23475.000	15.00	0.00	0.00	588.60	3080.00	597.43	0.00	599.64	156.50	14.20	387.86	245.09
23475.000	7.00	0.00	0.00	588.60	1030.00	595.00	0.00	595.74	74.60	7.73	197.23	119.25
23475.000	7.00	0.00	0.00	588.60	1620.00	596.13	0.00	597.27	69.31	8.65	292.55	194.58
23475.000	7.00	0.00	0.00	588.60	2070.00	597.37	0.00	598.26	65.09	9.10	381.09	230.52
23475.000	7.00	0.00	0.00	588.60	3080.00	599.06	0.00	599.96	57.41	9.70	604.49	406.51
23475.000	13.00	0.00	0.00	588.60	1030.00	595.78	0.00	595.90	15.91	3.89	572.96	250.24
23475.000	13.00	0.00	0.00	588.60	1620.00	597.35	0.00	597.46	11.50	3.90	928.10	463.57
23475.000	13.00	0.00	0.00	588.60	2070.00	598.35	0.00	598.44	10.84	3.91	1195.11	606.77
23475.000	13.00	0.00	0.00	588.60	3080.00	600.06	0.00	600.15	5.01	4.12	1715.30	1026.55
24060.000	625.00	0.00	0.00	590.80	1030.00	597.20	0.00	597.56	44.76	5.92	362.38	153.96
24060.000	625.00	0.00	0.00	590.80	1620.00	598.44	0.00	598.76	37.15	6.14	609.64	265.00
24060.000	625.00	0.00	0.00	590.80	2070.00	599.28	0.00	599.52	31.80	6.12	815.15	367.05
24060.000	625.00	0.00	0.00	590.80	3080.00	600.63	0.00	601.05	22.82	5.84	1273.09	644.79
25110.000	1110.00	0.00	0.00	595.70	1000.00	601.14	0.00	601.26	25.91	3.96	559.19	199.96
25110.000	1110.00	0.00	0.00	595.70	1550.00	602.00	0.00	602.12	20.99	4.36	761.84	313.20
25110.000	1110.00	0.00	0.00	595.70	2000.00	602.56	0.00	602.70	24.79	4.67	898.82	401.08
25110.000	1110.00	0.00	0.00	595.70	3080.00	603.63	0.00	603.81	27.19	5.42	1154.83	590.84
25210.000	106.00	0.00	0.00	595.60	1000.00	601.24	0.00	601.86	64.41	6.33	157.98	124.60
25210.000	106.00	0.00	0.00	595.60	1550.00	601.82	0.00	603.03	113.85	8.89	174.31	145.27
25210.000	106.00	0.00	0.00	595.60	2000.00	602.05	0.00	603.95	169.49	11.07	180.70	153.62
25210.000	106.00	0.00	0.00	595.60	3080.00	602.74	0.00	606.42	287.85	15.30	201.31	181.54
25440.000	224.00	617.00	605.50	596.50	1000.00	601.34	0.00	602.18	100.85	7.38	135.48	99.58
25440.000	224.00	617.00	605.50	596.50	1550.00	602.11	0.00	603.62	152.59	9.87	157.01	125.48
25440.000	224.00	617.00	605.50	596.50	2000.00	602.66	0.00	604.75	189.17	11.59	172.60	145.41
25440.000	224.00	617.00	605.50	596.50	3080.00	605.44	0.00	607.79	143.62	12.31	250.12	257.01

SECNO	ALCH	ELTRD	ELLC	ELMIN	C	CWSEL	CRIMS	EG	10K*S	VCH	AREA	*OJK
19625.000	550.00	0.60	0.00	567.80	1100.00	576.51	0.00	576.78	26.10	5.02	488.89	215.30
19625.000	550.00	0.60	0.00	567.80	1740.00	577.65	0.00	577.90	24.27	5.38	604.03	353.15
19625.000	550.00	0.60	0.00	567.80	2180.00	578.14	0.00	578.41	25.98	5.79	656.60	427.70
19625.000	550.00	0.60	0.00	567.80	3250.00	579.33	0.00	579.60	24.99	6.21	1365.00	650.14
20670.000	1045.00	0.60	0.00	573.90	1100.00	580.20	0.00	580.92	60.95	6.91	236.26	140.90
20670.000	1045.00	0.60	0.00	573.90	1740.00	581.32	0.00	582.21	71.56	8.40	341.27	205.69
20670.000	1045.00	0.60	0.00	573.90	2180.00	581.97	0.00	582.94	72.82	9.01	415.23	255.82
20670.000	1045.00	0.60	0.00	573.90	3250.00	583.10	0.00	584.31	81.92	10.52	578.22	359.08
22375.000	1705.00	0.60	0.00	582.90	1100.00	588.89	0.00	589.14	38.43	5.21	445.65	177.44
22375.000	1705.00	0.60	0.00	582.90	1740.00	590.14	0.00	590.40	51.54	5.64	702.33	300.46
22375.000	1705.00	0.60	0.00	582.90	2180.00	590.76	0.00	591.02	53.38	5.90	845.23	383.08
22375.000	1705.00	0.60	0.00	582.90	3250.00	592.09	0.00	592.37	65.56	6.34	1185.05	597.73
23440.000	1065.00	0.60	0.00	588.60	1030.00	594.26	0.00	594.75	75.20	7.07	309.12	118.78
23440.000	1065.00	0.60	0.00	588.60	1620.00	595.12	0.00	595.68	79.13	8.08	450.36	182.11
23440.000	1065.00	0.60	0.00	588.60	2670.00	595.66	0.00	596.27	90.56	8.66	550.60	230.63
23440.000	1065.00	0.60	0.00	588.60	3080.00	596.68	0.00	597.34	80.61	9.56	765.11	343.04
23475.000	15.00	0.60	0.00	588.60	1030.00	592.91	592.91	595.49	193.02	10.78	133.63	74.14
23475.000	15.00	0.60	0.00	588.60	1620.00	595.22	595.22	597.27	170.44	11.98	210.21	124.09
23475.000	15.00	0.60	0.00	588.60	2070.00	595.86	595.86	597.95	179.58	13.17	252.65	154.47
23475.000	15.00	0.60	0.00	588.60	3080.00	597.43	597.43	599.64	196.90	14.20	387.86	245.69
23482.000	7.00	0.60	0.00	588.60	1030.00	595.00	0.00	595.74	74.60	7.73	197.23	119.25
23482.000	7.00	0.60	0.00	588.60	1620.00	596.43	0.00	597.27	69.31	8.65	292.55	194.38
23482.000	7.00	0.60	0.00	588.60	2070.00	597.37	0.00	598.26	65.09	9.10	381.09	256.38
23482.000	7.00	0.60	0.00	588.60	3080.00	599.06	0.00	599.96	97.41	9.70	604.49	406.51
23475.000	13.00	0.60	0.00	588.60	1030.00	595.78	0.00	595.90	15.91	3.89	572.96	288.24
23475.000	13.00	0.60	0.00	588.60	1620.00	597.35	0.00	597.46	11.90	3.90	928.16	469.57
23475.000	13.00	0.60	0.00	588.60	2070.00	598.35	0.00	598.44	10.24	3.91	1195.11	606.77
23475.000	13.00	0.60	0.00	588.60	3080.00	600.06	0.00	600.15	9.81	4.12	1715.30	1026.35
24000.000	625.00	0.60	0.00	590.80	1030.00	597.20	0.00	597.56	44.76	5.92	362.38	153.96
24000.000	625.00	0.60	0.00	590.80	1620.00	598.44	0.00	598.76	37.15	6.14	609.64	265.86
24000.000	625.00	0.60	0.00	590.80	2070.00	599.28	0.00	599.58	31.80	6.12	815.12	367.09
24000.000	625.00	0.60	0.00	590.80	3080.00	600.83	0.00	601.05	22.82	5.84	1273.09	644.79
25110.000	1110.00	0.60	0.00	595.70	1000.00	601.14	0.00	601.26	25.01	3.96	559.19	199.96
25110.000	1110.00	0.60	0.00	595.70	1550.00	602.00	0.00	602.12	24.49	4.36	761.84	313.20
25110.000	1110.00	0.60	0.00	595.70	2000.00	602.56	0.00	602.70	24.79	4.67	898.82	401.98
25110.000	1110.00	0.60	0.00	595.70	3080.00	603.63	0.00	603.81	27.19	5.42	1154.83	590.34
25210.000	106.60	0.60	0.00	595.60	1000.00	601.24	0.00	601.80	64.41	6.33	157.98	124.60
25210.000	106.60	0.60	0.00	595.60	1550.00	601.82	0.00	603.05	113.85	8.89	174.31	145.27
25210.000	106.60	0.60	0.00	595.60	2000.00	602.05	0.00	603.95	169.89	11.07	180.70	153.82
25210.000	106.60	0.60	0.00	595.60	3080.00	602.74	602.74	606.42	287.85	15.30	201.31	181.34
25440.000	224.00	613.00	605.50	596.50	1000.00	601.34	0.00	602.18	100.85	7.38	135.48	99.58
25440.000	224.00	613.00	605.50	596.50	1550.00	602.11	0.00	603.62	152.59	9.87	157.61	125.48
25440.000	224.00	613.00	605.50	596.50	2000.00	602.66	0.00	604.75	189.17	11.59	172.60	145.41
25440.000	224.00	613.00	605.50	596.50	3080.00	605.44	0.00	607.79	143.62	12.31	250.18	257.01

SPEND	PLUP	ELIAD	ELIC	ELIIN	G	UNSEL	CHWS	EG	ICMS	VCH	AREA	OBJK
25250.000	110.00	0.00	0.00	596.00	980.00	602.67	0.00	602.84	27.03	4.37	457.23	188.50
25250.000	110.00	0.00	0.00	596.00	1520.00	604.20	0.00	604.36	15.06	4.35	666.52	348.20
25250.000	110.00	0.00	0.00	596.00	1980.00	605.41	0.00	605.55	15.65	4.40	846.57	500.57
25250.000	110.00	0.00	0.00	596.00	2900.00	608.37	0.00	608.50	5.01	4.12	1292.53	966.04
26000.000	450.00	0.00	0.00	597.00	980.00	603.79	0.00	603.91	20.61	3.86	595.09	215.86
26000.000	450.00	0.00	0.00	597.00	1520.00	605.01	0.00	605.10	13.52	3.63	960.37	407.44
26000.000	450.00	0.00	0.00	597.00	1980.00	606.06	0.00	606.13	10.28	3.44	1275.23	617.82
26000.000	450.00	0.00	0.00	597.00	2500.00	608.76	0.00	608.80	4.50	2.91	2082.40	1310.51
26200.000	220.00	0.00	0.00	598.00	930.00	604.30	0.00	604.81	68.71	6.55	253.56	112.15
26200.000	220.00	0.00	0.00	598.00	1480.00	605.28	0.00	605.89	72.35	7.61	330.17	174.00
26200.000	220.00	0.00	0.00	598.00	1890.00	606.20	0.00	606.76	60.20	7.67	421.51	243.80
26200.000	220.00	0.00	0.00	598.00	2790.00	608.73	0.00	609.19	33.57	7.12	675.10	461.57
26237.000	17.00	0.00	0.00	598.00	930.00	604.75	0.00	604.94	26.29	3.49	266.24	181.57
26237.000	17.00	0.00	0.00	598.00	1480.00	605.74	0.00	606.03	25.25	4.34	340.73	273.20
26237.000	17.00	0.00	0.00	598.00	1890.00	606.56	0.00	606.90	27.67	4.70	401.93	359.52
26237.000	17.00	0.00	0.00	598.00	2790.00	608.89	0.00	609.26	12.26	4.84	576.91	652.37
26260.000	51.00	0.00	0.00	598.00	530.00	604.78	0.00	604.96	25.60	3.47	268.20	183.60
26260.000	51.00	0.00	0.00	598.00	1480.00	605.79	0.00	606.07	28.44	4.50	343.56	277.51
26260.000	51.00	0.00	0.00	598.00	1890.00	606.61	0.00	606.95	26.81	4.65	405.76	369.05
26260.000	51.00	0.00	0.00	598.00	2790.00	608.94	0.00	609.30	17.91	4.81	506.28	659.25
26260.000	52.00	0.00	0.00	598.00	930.00	604.69	0.00	605.37	73.45	7.13	277.55	108.51
26260.000	52.00	0.00	0.00	598.00	1480.00	605.59	0.00	606.62	45.09	9.04	393.50	151.77
26260.000	52.00	0.00	0.00	598.00	1890.00	606.29	0.00	607.48	89.88	9.57	508.45	199.56
26260.000	52.00	0.00	0.00	598.00	2790.00	608.87	0.00	609.58	45.63	8.39	928.21	413.05
27250.000	1150.00	0.00	0.00	600.00	600.00	602.51	0.00	602.80	12.35	3.44	235.06	227.12
27250.000	1150.00	0.00	0.00	600.00	1390.00	610.67	0.00	610.18	13.83	4.00	302.61	373.76
27250.000	1150.00	0.00	0.00	600.00	1750.00	610.87	0.00	610.98	13.54	4.19	362.17	470.18
27250.000	1150.00	0.00	0.00	600.00	2570.00	612.51	0.00	612.46	14.70	4.80	2059.63	670.45
28000.000	2050.00	0.00	0.00	606.00	560.00	612.20	0.00	612.44	20.01	3.86	524.43	125.18
28000.000	2050.00	0.00	0.00	606.00	930.00	613.73	0.00	613.90	17.36	4.22	895.30	223.18
28000.000	2050.00	0.00	0.00	606.00	1170.00	614.42	0.00	614.55	16.47	4.37	1109.06	288.28
28000.000	2050.00	0.00	0.00	606.00	1770.00	615.61	0.00	616.07	14.79	4.66	1606.07	460.43
30000.000	1025.00	0.00	0.00	611.00	510.00	615.86	0.00	616.61	116.39	7.79	177.27	47.27
30000.000	1025.00	0.00	0.00	611.00	930.00	617.65	0.00	618.11	134.47	9.87	304.62	80.20
30000.000	1025.00	0.00	0.00	611.00	1140.00	617.50	0.00	618.73	143.34	10.77	362.62	95.22
30000.000	1025.00	0.00	0.00	611.00	1770.00	618.67	0.00	619.90	131.51	11.67	592.25	150.55
30000.000	1025.00	0.00	0.00	611.00	510.00	616.46	0.00	617.31	144.80	7.39	69.05	42.58
30000.000	1025.00	0.00	0.00	611.00	930.00	617.45	0.00	619.34	270.54	11.15	83.43	50.50
30000.000	1025.00	0.00	0.00	611.00	1140.00	617.72	0.00	620.37	350.16	13.05	87.37	60.57
30000.000	1025.00	0.00	0.00	611.00	1770.00	619.41	0.00	621.09	194.24	11.89	429.50	130.98
31000.000	50.00	0.00	0.00	612.00	510.00	616.64	0.00	617.53	158.54	7.58	67.25	40.71
31000.000	50.00	0.00	0.00	612.00	930.00	618.61	0.00	619.87	215.63	10.32	90.09	63.42
31000.000	50.00	0.00	0.00	612.00	1140.00	619.18	0.00	621.04	205.46	10.94	104.19	76.76
31000.000	50.00	0.00	0.00	612.00	1770.00	624.98	0.00	625.11	11.39	4.18	1714.64	524.58

SECR0	XLCM	FL1ED	ELLC	ELMIN	E	CASEL	CEIMS	EG	10KAS	VCH	AREA	.01K
33700.000	200.00	0.00	0.00	625.50	410.00	630.90	0.00	631.09	10.58	3.93	220.95	74.14
33700.000	200.00	0.00	0.00	625.50	790.00	633.93	0.00	633.98	7.41	2.71	731.70	290.18
33700.000	200.00	0.00	0.00	625.50	980.00	634.23	0.00	634.30	5.46	3.14	788.66	318.70
33700.000	200.00	0.00	0.00	625.50	1520.00	634.98	0.00	635.11	14.84	4.18	935.25	394.58
34200.000	500.00	0.00	0.00	628.30	410.00	633.12	631.91	633.70	91.62	6.32	111.58	42.83
34200.000	500.00	0.00	0.00	628.30	740.00	634.47	0.00	635.08	81.58	7.23	308.61	81.47
34200.000	500.00	0.00	0.00	628.30	980.00	634.96	0.00	635.55	77.06	7.45	411.85	111.64
34200.000	500.00	0.00	0.00	628.30	1520.00	636.10	0.00	636.56	59.40	7.36	701.72	197.22
34300.000	100.00	0.00	0.00	629.30	410.00	634.62	0.00	635.16	71.01	6.03	121.23	48.65
34300.000	100.00	0.00	0.00	629.30	790.00	635.80	0.00	636.76	93.73	8.15	258.07	81.60
34300.000	100.00	0.00	0.00	629.30	980.00	636.30	635.64	637.35	106.44	9.08	316.20	94.99
34300.000	100.00	0.00	0.00	629.30	1520.00	637.01	636.92	638.68	136.09	11.82	436.44	121.66
34450.000	70.00	0.00	0.00	630.10	380.00	635.14	0.00	635.70	81.60	6.09	110.07	42.07
34450.000	70.00	0.00	0.00	630.10	760.00	636.55	635.67	637.45	101.41	8.28	287.86	75.47
34450.000	70.00	0.00	0.00	630.10	930.00	637.14	636.25	638.09	98.46	8.63	394.71	93.72
34450.000	70.00	0.00	0.00	630.10	1460.00	638.58	0.00	639.64	94.12	9.68	736.21	150.49
34750.000	300.00	0.00	0.00	634.20	300.00	638.63	638.63	639.40	172.25	7.91	193.06	28.95
34750.000	300.00	0.00	0.00	634.20	760.00	640.10	0.00	640.58	101.26	7.54	560.28	75.53
34750.000	300.00	0.00	0.00	634.20	930.00	640.56	0.00	640.97	86.55	7.38	702.25	99.97
34750.000	300.00	0.00	0.00	634.20	1460.00	641.79	0.00	642.11	64.55	7.25	1103.56	181.72
35270.000	400.00	0.00	0.00	636.40	360.00	642.23	0.00	642.34	28.23	3.88	401.41	67.76
35270.000	400.00	0.00	0.00	636.40	720.00	643.28	0.00	643.44	36.52	5.06	618.46	118.49
35270.000	400.00	0.00	0.00	636.40	900.00	643.64	0.00	643.82	41.84	5.61	698.66	139.14
35270.000	400.00	0.00	0.00	636.40	1410.00	644.58	0.00	644.82	49.12	6.68	923.54	201.17

SECNO	Q	CKSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
31075.000	510.00	617.64	0.00	1.00	0.00	106.64	50.00
31075.000	950.00	620.16	2.53	1.95	2.53	110.00	50.00
31075.000	1140.00	621.35	1.19	2.17	3.72	110.00	50.00
31075.000	1770.00	625.06	3.71	0.08	7.42	323.10	50.00
31125.000	070.00	617.99	0.00	0.36	0.00	119.20	50.00
31125.000	600.00	620.34	2.33	0.17	2.33	207.94	50.00
31125.000	1070.00	621.52	1.19	0.16	3.52	236.07	50.00
31125.000	1020.00	625.09	3.56	0.04	7.10	306.28	50.00
31250.000	070.00	615.35	0.00	1.33	0.00	107.64	125.00
31250.000	860.00	620.86	1.54	0.53	1.54	148.98	125.00
31250.000	1070.00	621.86	1.00	0.34	2.53	170.84	125.00
31250.000	1620.00	625.60	3.34	0.10	5.87	243.84	125.00
31750.000	070.00	622.22	0.00	2.89	0.00	171.23	500.00
31750.000	800.00	623.48	1.26	2.62	1.26	240.17	500.00
31750.000	1070.00	624.64	0.56	2.16	1.82	270.46	500.00
31750.000	1620.00	626.10	2.06	0.90	3.88	350.58	500.00
32230.000	070.00	620.57	0.00	2.35	0.00	149.35	480.00
32230.000	860.00	625.62	1.05	2.14	1.05	198.29	480.00
32230.000	1070.00	626.00	0.44	2.02	1.49	209.70	480.00
32230.000	1620.00	627.12	1.06	1.01	2.55	237.55	480.00
32330.000	070.00	625.21	0.00	0.74	0.00	67.77	100.00
32330.000	860.00	626.25	0.94	0.63	0.94	92.91	100.00
32330.000	1070.00	626.60	0.35	0.55	1.29	102.13	100.00
32330.000	1620.00	627.39	0.78	0.27	2.07	123.32	100.00
32600.000	020.00	626.70	0.00	1.39	0.00	142.26	270.00
32600.000	860.00	628.20	1.50	1.95	1.50	166.11	270.00
32600.000	1010.00	628.25	0.63	2.23	2.13	176.27	270.00
32600.000	1550.00	630.16	1.34	2.79	3.47	198.54	270.00
32240.000	020.00	626.41	0.00	1.71	0.00	42.90	640.00
32240.000	810.00	630.00	1.52	1.80	1.52	161.03	640.00
32240.000	1010.00	630.62	0.62	1.74	2.21	211.21	640.00
32240.000	1550.00	631.56	1.35	1.80	3.57	274.57	640.00
32490.000	020.00	628.06	0.00	0.07	0.00	16.00	50.00
32490.000	810.00	630.60	1.52	0.00	1.52	175.29	50.00
32490.000	1010.00	630.67	0.66	0.04	2.16	210.49	50.00
32490.000	1550.00	632.18	1.52	0.21	3.70	261.46	50.00
33371.000	020.00	628.47	0.00	0.16	0.00	10.00	81.00
33371.000	810.00	633.23	4.54	3.21	4.54	207.01	81.00
33371.000	1010.00	633.89	0.66	3.22	5.22	428.12	81.00
33371.000	1550.00	634.45	0.54	2.25	5.76	443.34	81.00
33420.000	020.00	629.50	0.00	1.23	0.00	109.42	49.00
33420.000	810.00	633.71	3.81	0.50	3.81	422.80	49.00
33420.000	1010.00	633.54	0.23	0.63	4.04	424.50	49.00
33420.000	1550.00	634.51	0.57	0.00	4.61	445.62	49.00

SECD	Q	UNSEL	DIFWSP	DIFRSX	DIFKMS	JOEMID	XLICH
33700.000	410.00	630.50	0.00	1.00	0.00	150.85	280.00
33700.000	790.00	633.53	3.02	0.22	3.02	187.12	280.00
33700.000	980.00	634.23	0.30	0.29	3.33	190.74	280.00
33700.000	1520.00	634.96	0.75	0.07	4.08	199.75	280.00
34200.000	410.00	633.12	0.00	2.22	0.00	99.29	500.00
34200.000	790.00	634.87	1.35	0.55	1.35	193.44	500.00
34200.000	980.00	634.96	0.45	0.75	1.84	227.72	500.00
34200.000	1520.00	636.10	1.14	1.12	2.98	277.83	500.00
34350.000	410.00	634.62	0.00	1.50	0.00	77.65	180.00
34350.000	790.00	635.88	1.26	1.41	1.26	132.74	180.00
34350.000	980.00	636.40	0.42	1.34	1.60	152.32	180.00
34350.000	1520.00	637.61	0.71	0.90	2.39	186.40	180.00
34450.000	460.00	635.14	0.00	0.52	0.00	87.75	70.00
34450.000	700.00	636.25	1.41	0.67	1.41	165.10	70.00
34450.000	950.00	637.14	0.59	0.84	2.00	197.51	70.00
34450.000	1460.00	638.50	1.44	1.57	3.44	276.72	70.00
* 34750.000	300.00	638.63	0.00	3.49	0.00	193.42	300.00
34750.000	700.00	640.10	1.47	3.55	1.47	302.32	300.00
34750.000	950.00	640.56	0.46	3.52	1.93	313.39	300.00
34750.000	1460.00	641.79	1.23	3.21	3.16	342.74	300.00
35250.000	360.00	642.25	0.00	3.60	0.00	192.22	480.00
35250.000	720.00	643.20	1.05	3.18	1.05	220.62	480.00
35250.000	900.00	643.64	0.56	3.08	1.40	228.49	480.00
35250.000	1410.00	644.54	0.94	2.79	2.34	249.23	480.00

SEVERAL OF ERRORS

CAUTION	SECD=23455.000	PROFILE= 1	CRITICAL DEPTH ASSUMED
CAUTION	SECD=23455.000	PROFILE= 1	MINIMUM SPECIFIC ENERGY
CAUTION	SECD=23455.000	PROFILE= 2	CRITICAL DEPTH ASSUMED
CAUTION	SECD=23455.000	PROFILE= 2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECD=23455.000	PROFILE= 3	CRITICAL DEPTH ASSUMED
CAUTION	SECD=23455.000	PROFILE= 3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECD=23455.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECD=23455.000	PROFILE= 4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECD=23455.000	PROFILE= 4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECD=23455.000	PROFILE= 4	HYDRAULIC JUMP D.S.
CAUTION	SECD=30975.000	PROFILE= 4	CRITICAL DEPTH ASSUMED
CAUTION	SECD=30975.000	PROFILE= 4	MINIMUM SPECIFIC ENERGY
CAUTION	SECD=31025.000	PROFILE= 2	HYDRAULIC JUMP D.S.
CAUTION	SECD=31025.000	PROFILE= 3	HYDRAULIC JUMP D.S.
CAUTION	SECD=31025.000	PROFILE= 4	HYDRAULIC JUMP D.S.
CAUTION	SECD=33371.000	PROFILE= 3	HYDRAULIC JUMP D.S.

FLOOD INSURANCE ZONE DATA FOR GARDEN CR

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND I	10 ²	10 ²
19625.000	0.	-1.43	-0.49	1.19
20670.000	1045.	-1.71	-0.65	1.12
22575.000	2750.	-1.87	-0.62	1.53
23400.000	3615.	-1.41	-0.55	1.02
24522.000	3830.	-1.90	-0.64	1.57
25466.000	3837.	-2.57	-0.94	1.69
26075.000	3950.	-2.57	-0.99	1.71
26000.000	4975.	-0.86	-0.84	1.56
25110.000	5585.	-1.46	-0.56	1.67
25216.000	5091.	-0.81	-0.63	0.74
25440.000	5915.	-1.23	-0.56	2.17
25550.000	6025.	-1.74	-1.20	2.97
26000.000	6475.	-2.07	-1.05	2.70
26220.000	6695.	-1.66	-0.92	2.53
26237.000	6712.	-1.01	-0.62	2.30
26265.000	6703.	-1.83	-0.82	2.53
26320.000	6795.	-1.71	-0.60	2.46
26450.000	7925.	-2.36	-0.60	1.45
26900.000	10375.	-2.11	-0.69	1.49
26925.000	11400.	-1.62	-0.45	1.17
26975.000	11450.	-1.66	-0.27	1.69
27025.000	11500.	-2.55	-0.57	5.79
27075.000	11550.	-3.72	-1.19	5.71
27125.000	11600.	-5.92	-1.19	3.58
27250.000	11725.	-2.53	-1.00	5.54
27350.000	12225.	-1.82	-0.56	2.06
28230.000	12705.	-1.55	-0.44	1.06
28330.000	12605.	-1.29	-0.52	0.78
28600.000	13075.	-0.13	-0.63	1.54
28600.000	13115.	-2.21	-0.62	1.55
28650.000	13705.	-0.18	-0.66	1.52
2871.000	13606.	-5.22	-0.66	0.54
28820.000	13795.	-4.04	-0.23	0.57
28700.000	14175.	-3.33	-0.50	0.75
29200.000	14675.	-1.64	-0.49	1.14
29580.000	14655.	-1.04	-0.42	0.71
29650.000	14925.	-2.00	-0.59	1.44
29750.000	15225.	-1.93	-0.46	1.23
29830.000	15705.	-1.40	-0.56	0.94
29875.000	15705.	-2.01	-0.66	1.50

FOR THE REACH = 0.20 WITH 90.01 OF THE REACH WITHIN 1.0 FEET
 70% FOR THE REACH = 1.0

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

11 PPP - FIS BURLINGHAM
 12 50 YR NATIONAL
 13 GRN CR

J1	ICHECK	ING	AKV	IDIR	SIRI	METRIC	HVINS	G	WSLL	FO
						0.00	0.00		0.00	0.00
						0.00	0.00		0.00	0.00

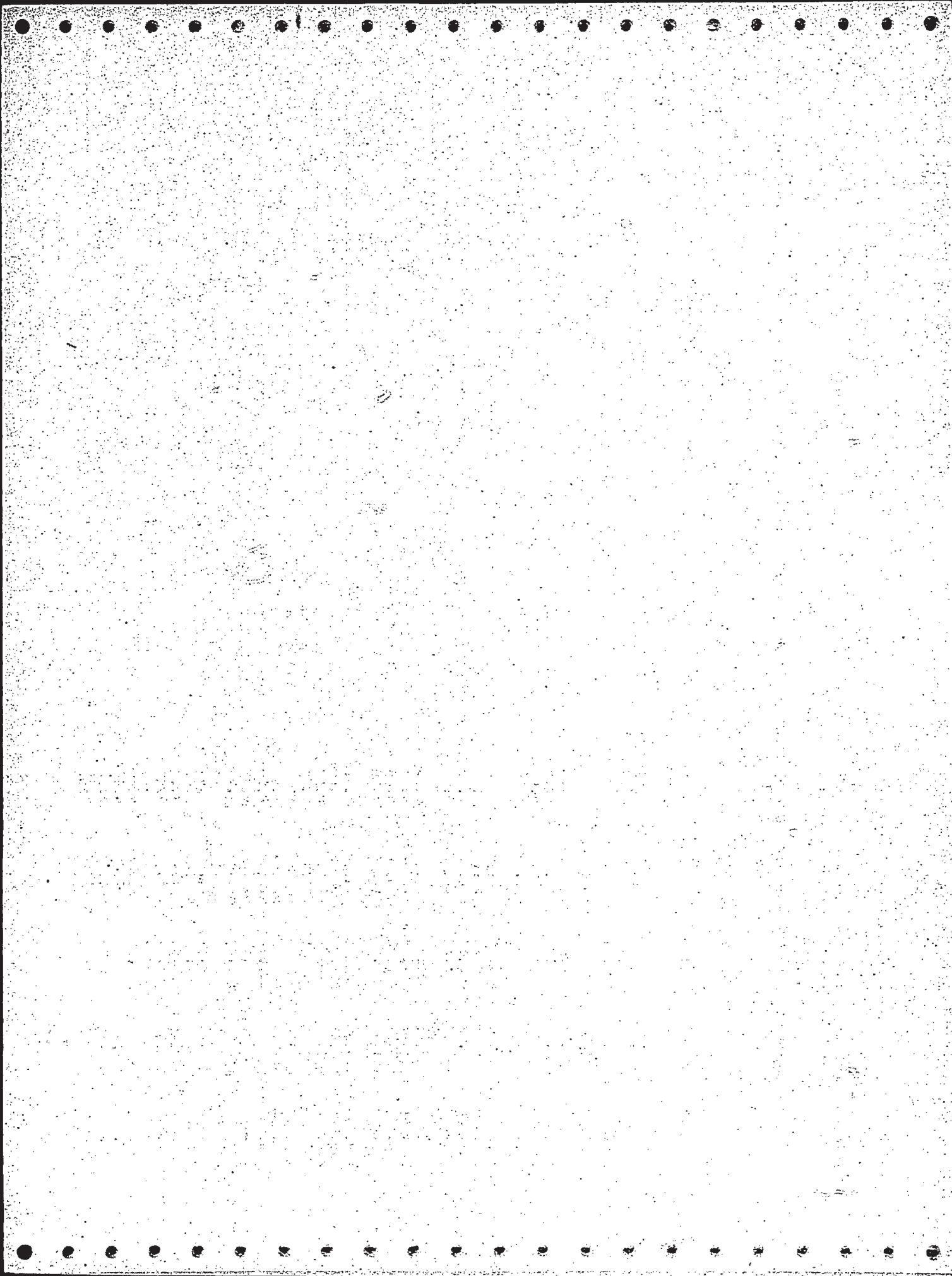
J2	NPROF	IPLST	PREVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIN	ITRACE
						0.00	0.00		0.00	0.00
						0.00	0.00		0.00	0.00

 HEC2 RELEASE DATED NOV 70 UPDATED AUG 77
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53

11 RFR - FIS BURLINGTON
 12 100 YR NATURAL
 13 BURN CR

J1	ICHECK	IRG	NRV	IDIN	SIRI	MEIRIC	HVINS	G	WSEL	FG
	0.	7.	0.	0.	0.000350	0.00	0.0	0.	488.000	0.000

J2	WPROF	(PL01	PKFVS	XSECV	XSECH	FN	ALLDC	IBR	CHNIF	LRACE
	3.000	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 - V1.02
 MODIFICATION - 59751,52,53

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

GUNN CR
 SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELMIN	ELLC
200.000	464.30	464.42	470.00	0.00
200.000	467.00	467.14	470.00	0.00
200.000	488.16	488.51	470.00	0.00
200.000	491.43	491.59	470.00	0.00
195.000	464.30	464.42	470.00	0.00
195.000	467.00	467.14	470.00	0.00
195.000	488.16	488.51	470.00	0.00
195.000	491.43	491.60	470.00	0.00
185.000	464.30	464.42	470.00	0.00
185.000	467.01	467.15	470.00	0.00
185.000	488.17	488.22	470.00	0.00
185.000	491.43	491.60	470.00	0.00
170.000	464.51	464.43	470.00	0.00
170.000	467.01	467.15	470.00	0.00
170.000	488.17	488.22	470.00	0.00
170.000	491.44	491.61	470.00	0.00
145.000	464.32	464.44	470.00	0.00
145.000	467.02	467.16	470.00	0.00
145.000	488.18	488.23	470.00	0.00
145.000	491.45	491.61	470.00	0.00
100.000	464.25	464.45	470.00	0.00
100.000	467.04	467.18	470.00	0.00
100.000	488.20	488.25	470.00	0.00
100.000	491.47	491.63	470.00	0.00
1.000	464.24	464.61	471.20	0.00
1.000	466.91	467.36	471.20	0.00
1.000	488.06	488.24	471.20	0.00
1.000	491.50	491.65	471.20	0.00
5.000	464.24	464.62	471.22	0.00
5.000	466.91	467.37	471.22	0.00
5.000	488.07	488.25	471.22	0.00
5.000	491.51	491.65	471.22	0.00

SECNO	CWSEL	FB	ELMIN	ELLC
15.000	484.26	484.04	471.26	0.00
15.000	486.53	487.39	471.26	0.00
15.000	488.08	488.50	471.26	0.00
15.000	491.32	491.07	471.26	0.00
30.000	484.26	484.66	471.51	0.00
30.000	486.95	487.42	471.51	0.00
30.000	488.11	488.59	471.51	0.00
30.000	491.54	491.90	471.51	0.00
55.000	484.52	484.71	471.40	0.00
55.000	486.99	487.46	471.40	0.00
55.000	488.14	488.63	471.40	0.00
55.000	491.58	491.94	471.40	0.00
100.000	484.59	486.79	471.56	0.00
100.000	487.06	487.55	471.56	0.00
100.000	488.21	488.72	471.56	0.00
100.000	491.45	492.63	471.56	0.00
320.000	484.77	485.20	472.00	0.00
320.000	487.43	488.02	472.00	0.00
320.000	488.57	489.19	472.00	0.00
320.000	491.61	492.45	472.00	0.00
1100.000	486.52	486.84	475.40	0.00
1100.000	489.20	489.54	475.40	0.00
1100.000	490.53	490.66	475.40	0.00
1100.000	493.56	493.91	475.40	0.00
3150.000	482.40	493.43	483.00	0.00
3150.000	494.66	495.57	483.00	0.00
3150.000	495.50	496.99	483.00	0.00
3150.000	498.56	500.10	483.00	0.00
4730.000	504.51	505.71	496.40	0.00
4730.000	506.13	507.60	496.40	0.00
4730.000	506.73	507.57	496.40	0.00
4730.000	508.73	509.30	496.40	0.00
6620.000	514.25	515.03	500.00	0.00
6620.000	515.97	516.64	500.00	0.00
6620.000	516.45	517.20	500.00	0.00
6620.000	518.10	519.16	500.00	0.00
7430.000	517.06	517.51	508.70	0.00
7430.000	518.84	519.39	508.70	0.00
7430.000	519.59	520.67	508.70	0.00
7430.000	521.71	522.35	508.70	0.00
7517.000	517.29	517.99	509.20	0.00
7517.000	518.93	520.01	509.20	0.00
7517.000	519.50	520.70	509.20	0.00
7517.000	521.90	522.69	509.20	0.00

SECAD	GWSEL	FC	ELMRH	LLLC
7542.000	517.58	516.11	509.40	522.20
7542.000	519.08	520.18	509.40	522.20
7542.000	519.60	520.55	509.40	522.20
7542.000	524.52	524.77	509.40	522.20
* 7600.000	519.74	520.74	512.50	0.00
* 7600.000	520.55	521.58	512.50	0.00
* 7600.000	520.97	522.31	512.50	0.00
7600.000	524.45	525.65	512.50	0.00
7850.000	521.91	523.21	513.20	0.00
7850.000	523.25	525.25	513.20	0.00
7850.000	523.85	525.96	513.20	0.00
* 7850.000	525.85	528.27	513.20	0.00
8600.000	526.43	527.62	516.40	0.00
8600.000	528.76	529.45	516.40	0.00
8600.000	529.61	530.22	516.40	0.00
8600.000	532.58	533.22	516.40	0.00
9540.000	528.90	529.19	520.40	0.00
9540.000	531.15	531.47	520.40	0.00
9540.000	531.95	532.29	520.40	0.00
9540.000	534.77	535.14	520.40	0.00
9600.000	529.01	529.29	528.40	0.00
9600.000	531.24	531.57	528.40	0.00
9600.000	532.04	532.38	528.40	0.00
9600.000	534.26	535.25	528.40	0.00
9605.000	535.15	535.76	528.50	520.60
9605.000	534.72	534.85	528.50	520.60
9605.000	535.07	535.21	528.50	520.60
9605.000	536.56	536.81	528.50	520.60
9650.000	535.69	535.64	523.60	0.00
9650.000	536.15	534.55	523.60	0.00
9650.000	534.99	535.22	523.60	0.00
9650.000	539.44	537.00	523.60	0.00
10300.000	534.57	534.95	528.60	0.00
10300.000	535.95	536.42	528.60	0.00
10300.000	536.45	536.55	528.60	0.00
10300.000	536.55	536.57	528.60	0.00
11000.000	537.29	538.12	530.60	0.00
11000.000	538.62	539.20	530.60	0.00
11000.000	539.70	540.20	530.60	0.00
11000.000	541.26	542.53	530.60	0.00
12350.000	545.52	545.66	538.50	0.00
12350.000	546.69	547.15	538.50	0.00
12350.000	547.59	547.86	538.50	0.00
12350.000	560.60	549.40	538.50	0.00

SECKO	CWSEL	EG	ELFIN	ELLC
13920.000	554.24	555.15	547.50	0.00
13920.000	555.47	556.64	547.50	0.00
13920.000	555.98	547.50	547.50	0.00
13920.000	557.35	556.78	547.50	0.00
14750.000	559.00	560.42	551.20	0.00
14750.000	561.34	562.46	551.20	0.00
14750.000	562.14	563.57	551.20	0.00
14750.000	563.76	565.28	551.20	0.00
15230.000	562.00	562.98	553.50	0.00
15230.000	563.99	565.12	553.50	0.00
15230.000	564.80	566.05	553.50	0.00
15230.000	566.67	568.05	553.50	0.00
15650.000	565.55	565.62	556.50	0.00
15650.000	567.24	567.63	556.50	0.00
15650.000	568.08	568.44	556.50	0.00
15650.000	569.80	570.20	556.50	0.00
16330.000	567.20	567.65	559.10	0.00
16330.000	568.74	569.20	559.10	0.00
16330.000	569.43	569.88	559.10	0.00
16330.000	571.06	571.50	559.10	0.00
16371.000	567.54	567.70	559.10	0.00
16371.000	568.26	569.31	559.10	0.00
16371.000	569.47	570.65	559.10	0.00
16371.000	571.35	571.61	559.10	0.00
16400.000	567.57	567.63	559.30	568.60
16400.000	569.26	569.70	559.30	568.60
16400.000	569.44	570.05	559.30	568.60
16400.000	571.60	571.52	559.30	568.60
16450.000	567.05	567.55	559.10	0.00
16450.000	569.56	569.23	559.10	0.00
16450.000	569.93	570.23	559.10	0.00
16450.000	571.73	572.01	559.10	0.00
16680.000	566.24	566.45	558.90	0.00
16680.000	570.03	570.24	558.90	0.00
16680.000	570.44	570.69	558.90	0.00
16680.000	572.16	572.44	558.90	0.00
17000.000	570.65	571.04	562.50	0.00
17000.000	572.25	572.59	562.50	0.00
17000.000	572.84	572.90	562.50	0.00
17000.000	574.49	574.22	562.50	0.00
18240.000	571.67	571.27	563.50	0.00
18240.000	572.69	573.02	563.50	0.00
18240.000	573.45	573.57	563.50	0.00
18240.000	575.01	575.12	563.50	0.00

SECNO	CWSEL	EG	ELMIN	ELLC
18600.000	572.56	573.00	564.50	0.00
18600.000	573.65	574.10	564.50	0.00
18600.000	574.15	574.59	564.50	0.00
18600.000	575.57	575.90	564.50	0.00
19075.000	574.57	574.98	566.00	0.00
19075.000	575.68	576.11	566.00	0.00
19075.000	576.14	576.59	566.00	0.00
19075.000	577.25	577.73	566.00	0.00
19625.000	576.51	576.81	567.60	0.00
19625.000	577.65	577.93	567.60	0.00
19625.000	578.14	578.42	567.60	0.00
19625.000	579.33	579.62	567.60	0.00

GUNN CK

SUMMARY PRINTOUT

SECKO	CASEL	GLUE	GMH	GRUB	VLOB	VCH	VROB
200.000	404.50	146.57	2041.42	102.00	0.79	2.50	0.77
200.000	407.00	298.44	2745.77	305.79	0.91	3.25	0.67
200.000	408.16	396.80	3079.76	324.00	0.92	3.51	0.68
200.000	491.45	644.50	4104.01	1191.66	1.01	5.94	0.57
195.000	404.50	146.51	2041.54	102.05	0.79	2.50	0.77
195.000	407.00	298.50	2745.62	305.68	0.91	3.25	0.67
195.000	408.16	396.80	3079.56	324.16	0.92	3.51	0.68
195.000	491.45	644.47	4103.85	1191.68	1.01	5.94	0.57
185.000	404.50	146.69	2041.16	102.15	0.79	2.50	0.77
185.000	407.00	298.62	2745.51	306.07	0.91	3.25	0.67
185.000	408.16	396.95	3079.17	324.00	0.92	3.51	0.68
185.000	491.45	644.74	4102.92	1192.54	1.01	5.94	0.57
170.000	404.51	146.60	2040.89	102.31	0.79	2.50	0.77
170.000	407.01	298.61	2744.64	306.35	0.91	3.25	0.67
170.000	408.17	396.86	3078.58	324.76	0.92	3.50	0.68
170.000	491.44	645.15	4101.82	1193.05	1.01	5.94	0.57
145.000	404.52	147.00	2040.44	102.56	0.79	2.50	0.77
145.000	407.02	298.12	2744.07	306.81	0.91	3.24	0.67
145.000	408.13	397.65	3077.59	325.58	0.92	3.50	0.68
145.000	491.45	645.65	4099.95	1194.18	1.01	5.95	0.57
100.000	404.55	147.20	2039.80	102.62	0.79	2.51	0.77
100.000	407.04	298.67	2743.89	307.64	0.90	3.24	0.67
100.000	408.10	397.64	3075.81	326.45	0.92	3.50	0.68
100.000	491.47	646.64	4098.71	1195.25	1.01	5.95	0.56
1.000	404.54	52.63	1490.65	155.50	0.74	2.18	1.16
1.000	406.99	176.51	2162.27	305.55	1.10	6.05	1.53
1.000	408.06	298.44	2856.11	535.45	1.34	6.34	1.65
1.000	491.50	625.62	3441.55	1163.64	1.81	7.50	2.01
5.000	404.64	52.59	1491.74	154.93	0.74	2.19	1.16
5.000	406.91	173.29	2164.00	306.53	1.10	6.06	1.53
5.000	408.07	298.35	2858.12	534.55	1.34	6.35	1.65
5.000	491.51	625.70	3443.62	1164.47	1.81	7.51	2.01
15.000	404.66	52.51	1492.00	154.88	0.74	2.20	1.16
15.000	406.93	171.99	2166.63	307.37	1.10	6.06	1.54
15.000	408.06	298.74	2861.01	535.25	1.34	6.34	1.66
15.000	491.52	625.66	3447.51	1166.83	1.81	7.52	2.02
30.000	404.68	52.59	1494.57	155.63	0.74	2.22	1.16
30.000	406.95	176.65	2169.83	309.53	1.10	6.10	1.54
30.000	408.11	298.76	2864.91	535.63	1.34	6.35	1.66
30.000	491.54	625.55	3451.66	1168.79	1.81	7.54	2.02
55.000	404.62	51.93	1497.50	151.07	0.75	2.25	1.19
55.000	406.99	166.97	2175.92	307.21	1.10	6.14	1.55
55.000	408.14	298.64	2871.57	538.54	1.34	6.45	1.67
55.000	491.56	625.19	3459.87	1174.94	1.82	7.56	2.03

SECCO	CASSEL	VL00	VL00	VL00	VL00	VCF	VH00
100.000	469.59	29.00	156.54	107.85	6.75	5.31	1.20
100.000	487.06	101.07	2106.26	572.45	1.10	6.01	1.56
100.000	408.21	203.51	2403.22	523.22	1.34	0.50	1.68
100.000	493.45	207.52	3474.25	1146.18	1.95	2.05	2.05
320.000	439.77	19.26	1538.74	102.00	0.79	5.00	1.25
320.000	467.45	127.29	2258.99	331.72	1.12	6.75	1.66
320.000	486.57	235.22	2576.52	481.27	1.34	7.07	1.80
320.000	493.01	744.63	3591.02	1093.53	2.01	8.01	2.18
1100.000	406.52	126.47	1302.11	157.42	1.15	4.56	1.23
1100.000	469.20	378.12	1904.23	437.65	1.46	3.59	1.59
1100.000	490.53	504.29	2141.71	603.99	1.50	5.67	1.72
1100.000	493.50	1256.59	2046.26	1279.15	2.00	6.28	2.10
3190.000	492.46	4.86	1607.50	22.83	1.06	7.07	1.16
3190.000	496.66	31.66	2488.52	175.81	1.74	9.55	1.97
3190.000	495.56	52.13	2668.07	269.80	1.97	10.12	2.23
3190.000	496.56	172.30	4201.00	515.50	2.72	11.00	2.94
4730.000	506.51	202.05	1396.63	52.53	1.57	5.46	1.75
4730.000	506.13	727.74	1745.46	226.78	2.21	9.50	1.90
4730.000	506.73	576.35	1851.50	360.15	2.34	9.45	2.18
4730.000	506.73	1506.24	2256.55	1067.41	2.84	9.41	2.79
6620.000	519.55	209.53	1371.51	50.96	1.16	6.01	1.29
6620.000	519.97	565.92	1592.10	92.40	1.79	7.46	1.75
6620.000	519.45	742.59	2257.71	119.89	2.02	8.69	1.94
6620.000	519.10	1578.26	2256.55	406.70	2.79	10.12	2.81
7430.000	517.06	4.60	1355.84	259.56	0.99	5.02	1.70
7430.000	519.84	18.07	1504.67	649.26	1.34	6.72	2.21
7430.000	519.50	21.24	2257.51	656.25	1.29	7.63	2.35
7430.000	521.71	160.70	3149.69	1629.70	1.40	7.96	2.72
7517.000	517.29	0.00	1620.00	0.00	6.00	6.75	6.00
7517.000	519.53	0.00	2650.00	0.00	6.00	6.75	6.00
7517.000	519.50	0.00	3120.00	0.00	6.00	6.01	6.00
7517.000	521.46	255.11	3719.54	1165.55	1.63	7.92	2.51
7542.000	517.50	0.00	1620.00	0.00	6.00	6.00	6.00
7542.000	519.06	0.00	2650.00	0.00	6.00	6.40	6.00
7542.000	519.66	0.00	3120.00	0.00	6.00	6.00	6.00
7542.000	524.52	525.54	3000.56	1613.50	1.36	5.11	1.63
* 7600.000	519.74	109.26	1642.53	466.41	3.03	9.23	2.53
* 7600.000	520.55	175.70	1442.55	1027.67	3.76	12.12	3.30
* 7600.000	520.97	212.52	1577.29	1330.20	3.94	12.53	3.73
7600.000	524.45	378.07	1703.95	5057.96	4.06	9.39	3.50
7850.000	521.91	222.77	1153.50	203.72	3.46	16.23	2.51
7850.000	523.25	411.23	1725.34	419.12	4.48	13.46	3.34
7850.000	523.63	495.04	1907.72	517.19	4.90	14.09	3.60
* 7850.000	525.63	462.54	2225.64	1117.77	6.05	17.22	4.71

SECD	CASEL	GLUB	GLA	ERUB	VLDB	VCH	VHUB
8600.000	526.45	277.42	1217.76	89.79	2.55	6.93	1.80
8600.000	526.76	593.86	1757.55	226.81	2.85	7.90	1.75
8600.000	529.81	732.50	5930.86	510.56	2.96	8.18	1.82
8600.000	532.38	1416.84	2750.53	768.84	3.61	9.46	2.36
9540.000	526.70	107.54	1318.76	153.69	1.40	4.67	1.22
9540.000	531.15	305.37	1699.20	355.43	1.55	5.23	1.57
9540.000	531.95	416.29	2119.86	443.82	1.58	5.41	1.66
9540.000	534.77	1666.70	2691.42	651.88	1.95	6.66	1.97
9600.000	529.01	106.27	1221.69	158.53	1.25	4.62	1.22
9600.000	531.24	262.57	1913.57	363.06	1.58	5.23	1.57
9600.000	532.04	582.00	2140.89	453.12	1.45	5.42	1.67
9600.000	534.84	1602.89	5048.87	652.44	1.76	6.15	2.00
9605.000	535.75	272.51	1644.62	262.87	0.84	2.51	0.74
9605.000	534.72	511.51	1697.24	441.45	0.95	2.59	1.07
9605.000	535.07	621.52	1838.76	519.52	1.07	2.67	1.20
9605.000	536.31	1196.47	2825.53	684.00	1.55	5.16	1.84
9650.000	535.64	43.14	1496.65	9.25	0.69	2.19	0.25
9650.000	534.65	192.74	2359.18	2.07	1.05	4.40	0.47
9650.000	534.99	294.53	2711.81	3.47	1.20	4.24	0.57
9650.000	536.46	649.65	4244.66	15.50	1.84	6.42	0.94
10300.000	534.57	26.29	1124.40	415.01	1.15	5.57	1.57
10300.000	535.45	62.82	1652.00	655.84	1.34	6.71	2.06
10300.000	536.45	271.17	1828.88	1024.14	1.41	7.10	2.20
10300.000	538.55	258.52	2652.59	1949.08	1.75	8.57	2.87
11000.000	537.24	19.15	1174.52	26.55	1.44	7.59	1.77
11000.000	538.22	214.25	1741.86	69.08	1.90	8.22	2.27
11000.000	539.46	516.75	2648.78	94.47	2.15	9.58	2.51
11000.000	541.26	774.49	2762.20	103.51	2.64	10.59	2.85
12350.000	545.32	298.67	554.45	16.95	1.46	6.30	1.26
12350.000	546.84	602.72	1290.81	56.47	1.67	6.96	1.61
12350.000	547.59	525.88	1451.254	72.56	1.99	7.15	1.71
12350.000	548.88	1676.72	1566.19	143.16	2.31	7.95	1.97
13220.000	554.24	194.27	1652.15	42.48	1.85	6.47	1.73
13220.000	555.47	447.29	1476.80	100.11	2.35	10.09	2.19
13220.000	555.98	604.56	1702.47	146.96	2.57	10.91	2.43
13220.000	557.35	1155.46	2255.41	205.15	3.25	12.14	2.85
14750.000	554.86	126.29	1112.79	26.92	1.46	7.74	1.56
14750.000	561.24	295.59	1659.55	71.05	2.46	9.25	1.95
14750.000	562.19	428.80	1523.82	100.52	2.53	9.58	2.05
14750.000	565.76	864.22	2616.96	244.18	2.84	11.66	2.37
15230.000	562.86	78.55	1179.75	15.93	1.59	7.59	1.34
15230.000	565.49	293.14	1705.20	51.67	1.76	9.24	1.84
15230.000	564.86	457.25	1559.89	42.42	1.96	9.76	1.77
15230.000	566.07	1112.10	2508.98	97.93	2.51	10.50	1.72

SECNO LWBEL WLOB GLOB BCB GRQB VLQB VLP VNUB

15050.000 515.55 73.54 607.58 368.83 1.67 0.50 1.61

15050.000 507.24 193.37 1046.50 740.55 1.67 0.62 1.95

15050.000 508.00 277.95 1193.55 906.72 1.66 0.65 1.96

15050.000 509.80 551.94 1441.55 1720.45 1.74 0.84 2.00

16530.000 507.20 271.28 848.04 60.58 1.40 0.50 1.61

16530.000 508.74 617.52 1145.72 166.55 1.77 0.93 1.87

16530.000 509.45 850.57 1257.57 212.08 2.22 1.05 1.95

16530.000 571.00 1557.51 1604.51 508.56 2.24 1.58 2.27

16571.000 507.57 0.00 1200.00 0.00 0.00 0.00 0.00

16571.000 508.06 0.00 1950.00 0.00 0.00 0.00 0.00

16571.000 509.47 0.00 2520.00 0.00 0.00 0.10 0.00

16571.000 571.55 1625.06 2275.06 219.24 1.57 0.00 1.57

16400.000 557.57 0.00 1200.00 0.00 0.00 0.00 0.00

16400.000 509.26 0.00 1950.00 0.00 0.00 0.00 0.00

16400.000 509.44 0.00 2520.00 0.00 0.00 0.00 0.00

16400.000 571.00 1699.80 2221.87 220.52 1.54 0.62 1.51

16450.000 507.05 330.70 703.91 65.39 1.47 0.47 1.42

16450.000 509.50 706.90 1008.20 174.91 1.62 0.55 1.52

16450.000 509.93 900.20 1128.62 210.50 2.02 0.50 1.65

16450.000 571.75 1746.15 1413.74 350.12 2.16 0.68 1.95

16660.000 568.24 119.53 666.64 415.79 1.16 0.70 1.54

16660.000 570.05 265.74 874.47 765.79 1.55 0.15 1.60

16660.000 570.44 338.09 1009.10 972.81 1.49 0.70 1.60

16660.000 572.16 622.59 1354.74 1592.60 1.75 0.40 1.75

17000.000 570.85 559.50 801.50 199.54 1.07 0.67 1.12

17000.000 572.25 756.20 709.59 594.54 1.20 0.61 1.32

17000.000 572.60 971.00 777.72 500.46 1.50 0.75 1.91

17000.000 574.49 1636.17 951.57 650.26 1.59 0.90 1.59

18240.000 571.07 66.50 595.45 2504.01 0.62 0.28 1.00

18240.000 572.05 195.25 730.50 953.66 0.90 0.40 1.24

18240.000 573.45 288.55 793.98 1167.47 0.99 0.45 1.29

18240.000 575.01 594.86 949.09 1676.46 1.17 0.40 1.56

18600.000 572.50 61.66 825.55 272.76 1.22 0.24 1.27

18600.000 573.65 154.50 1067.20 616.50 1.51 0.56 1.53

18600.000 574.15 225.06 1196.79 827.55 1.55 0.15 1.62

18600.000 575.57 499.20 1581.07 1550.95 1.65 0.90 1.76

19075.000 574.57 65.60 850.71 219.64 1.12 0.93 1.24

19075.000 575.00 253.51 1122.55 463.95 1.40 0.69 1.62

19075.000 576.14 266.61 1250.95 659.06 1.55 0.00 1.60

19075.000 577.25 721.22 1590.70 1106.00 1.92 0.05 1.95

19625.000 576.51 227.20 776.25 146.47 1.02 0.50 1.53

19625.000 577.65 598.70 907.57 275.72 1.51 0.76 1.59

19625.000 578.14 815.24 1091.66 545.10 1.45 0.99 1.70

19625.000 579.55 1506.57 1205.61 540.62 1.75 0.55 1.94

GUNN CR

SUMMARY - FRIEHLUIT

SELAG	UNSEL	SSIA	STCHL	STCHR	LAUSI	TUPWID
200.000	484.50	1212.11	1250.00	1300.00	1351.49	139.58
200.000	487.00	1174.00	1250.00	1300.00	1415.00	241.00
200.000	488.16	1153.11	1250.00	1300.00	1449.82	296.71
200.000	491.43	1107.15	1250.00	1300.00	1529.51	422.13
195.000	484.50	1212.10	1250.00	1300.00	1351.49	139.59
195.000	487.00	1173.57	1250.00	1300.00	1415.05	241.08
195.000	488.16	1152.58	1250.00	1300.00	1449.87	296.79
195.000	491.43	1107.15	1250.00	1300.00	1529.51	422.18
185.000	484.50	1212.09	1250.00	1300.00	1351.51	139.42
185.000	487.00	1173.50	1250.00	1300.00	1415.16	241.08
185.000	488.17	1153.61	1250.00	1300.00	1449.98	296.58
185.000	491.43	1107.16	1250.00	1300.00	1529.57	422.27
170.000	484.50	1212.09	1250.00	1300.00	1351.54	139.46
170.000	487.00	1173.61	1250.00	1300.00	1415.52	241.51
170.000	488.17	1152.57	1250.00	1300.00	1450.14	297.85
170.000	491.44	1107.65	1250.00	1300.00	1529.46	422.41
145.000	484.50	1212.05	1250.00	1300.00	1351.56	139.53
145.000	487.02	1173.65	1250.00	1300.00	1415.59	241.54
145.000	488.18	1152.75	1250.00	1300.00	1450.41	297.85
145.000	491.65	1107.57	1250.00	1300.00	1529.62	422.85
100.000	484.55	1212.00	1250.00	1300.00	1351.66	139.00
100.000	487.04	1173.26	1250.00	1300.00	1416.07	242.71
100.000	488.28	1152.57	1250.00	1300.00	1450.89	298.43
100.000	491.47	1107.22	1250.00	1300.00	1529.29	423.67
1.000	484.24	1224.61	1253.00	1279.00	1320.66	96.65
1.000	486.91	1192.22	1253.00	1279.00	1350.82	139.59
1.000	488.06	1194.39	1253.00	1279.00	1406.60	152.50
1.000	491.50	1161.55	1253.00	1279.00	1508.70	166.74
5.000	488.24	1224.77	1253.00	1279.00	1320.58	95.79
5.000	488.91	1192.20	1253.00	1279.00	1350.71	139.83
5.000	488.07	1194.44	1253.00	1279.00	1406.50	152.14
5.000	491.51	1161.56	1253.00	1279.00	1508.60	166.62
15.000	484.28	1225.00	1253.00	1279.00	1320.41	95.41
15.000	486.95	1192.56	1253.00	1279.00	1350.57	139.66
15.000	488.08	1194.52	1253.00	1279.00	1406.43	151.51
15.000	491.52	1161.57	1253.00	1279.00	1508.45	166.59
50.000	484.28	1225.28	1253.00	1279.00	1320.23	94.54
50.000	486.95	1192.67	1253.00	1279.00	1350.30	139.52
50.000	488.11	1194.62	1253.00	1279.00	1406.24	151.62
50.000	491.54	1161.17	1253.00	1279.00	1508.27	166.10
55.000	484.32	1225.61	1253.00	1279.00	1319.80	94.07
55.000	486.99	1192.68	1253.00	1279.00	1350.04	138.70
55.000	488.14	1194.62	1253.00	1279.00	1406.90	151.08
55.000	491.56	1161.56	1253.00	1279.00	1507.93	165.57

SECNO	CMSL	SS1A	STCHL	SICHR	ENDST	TOPKID
100.000	484.39	1226.73	1253.00	1279.00	1319.28	92.55
100.000	487.00	1195.60	1253.00	1279.00	1337.45	157.65
100.000	488.21	1195.16	1253.00	1279.00	1345.29	150.13
100.000	491.45	1182.70	1253.00	1279.00	1367.54	184.84
320.000	484.77	1223.70	1253.00	1279.00	1314.75	81.03
320.000	487.45	1205.80	1253.00	1279.00	1332.90	127.92
320.000	488.57	1197.77	1253.00	1279.00	1340.68	142.91
320.000	491.01	1185.34	1253.00	1279.00	1362.66	177.51
1100.000	488.52	1274.83	1119.00	1145.00	1190.62	115.78
1100.000	487.20	1047.59	1119.00	1145.00	1205.40	161.41
1100.000	490.53	1028.70	1119.00	1145.00	1218.65	177.93
1100.000	495.50	1025.77	1119.00	1145.00	1232.70	207.01
3190.000	492.48	1084.81	1069.00	1115.00	1155.71	50.90
3190.000	494.80	1086.84	1069.00	1115.00	1157.19	76.55
3190.000	495.58	1078.52	1069.00	1115.00	1165.03	87.11
3190.000	498.56	1070.71	1069.00	1115.00	1193.64	122.53
4730.000	504.51	1184.50	1295.00	1317.00	1347.25	162.74
4730.000	506.15	1157.12	1295.00	1317.00	1403.68	246.54
4730.000	506.73	1140.81	1295.00	1317.00	1419.45	265.82
4730.000	508.75	1113.10	1295.00	1317.00	1452.52	319.42
6620.000	514.54	1586.54	1678.00	1705.00	1718.88	151.89
6620.000	515.97	1572.25	1678.00	1705.00	1723.56	151.07
6620.000	516.45	1567.22	1678.00	1705.00	1724.85	157.61
6620.000	516.10	1549.53	1678.00	1705.00	1731.00	161.67
7450.000	517.88	1491.65	1545.00	1650.00	1692.55	101.14
7450.000	518.84	1485.60	1545.00	1650.00	1720.92	159.24
7450.000	519.50	1475.41	1545.00	1650.00	1744.12	188.71
7450.000	521.71	1464.13	1545.00	1650.00	1745.54	200.41
7517.000	517.29	1885.51	1800.00	1850.00	1850.00	44.19
7517.000	518.55	1886.00	1800.00	1850.00	1850.00	50.60
7517.000	519.50	1886.00	1800.00	1850.00	1850.00	50.60
7517.000	521.96	1885.20	1800.00	1850.00	1881.27	272.07
7542.000	517.58	1885.55	1800.00	1850.00	1850.00	44.67
7542.000	517.99	1886.00	1800.00	1850.00	1850.00	50.60
7542.000	519.04	1886.00	1800.00	1850.00	1850.00	50.60
7542.000	524.52	1887.52	1800.00	1850.00	1886.56	506.46
7600.000	519.74	1885.57	1800.00	1882.00	1885.25	152.21
7600.000	520.55	1881.05	1800.00	1882.00	1881.92	160.87
7600.000	520.97	1885.00	1800.00	1882.00	1881.00	157.52
7600.000	524.05	1885.27	1800.00	1882.00	1882.60	203.55
7850.000	521.91	472.34	492.00	1000.00	1035.47	62.13
7850.000	523.25	505.73	492.00	1000.00	1042.63	72.09
7850.000	523.65	506.24	492.00	1000.00	1044.75	76.15
7850.000	525.85	506.87	492.00	1000.00	1052.20	94.95

SECO	CASEL	SRIA	SICHL	SICHR	EAUSI	TOPADJ
8600.000	526.43	557.65	591.00	1010.00	1032.90	75.07
8600.000	528.76	546.21	591.00	1010.00	1053.65	107.62
8600.000	529.61	541.56	591.00	1010.00	1061.47	115.50
8600.000	529.58	546.00	591.00	1010.00	1065.00	125.60
9540.000	528.90	1463.47	1500.00	1536.00	1577.76	114.29
9540.000	531.15	1426.55	1500.00	1536.00	1584.40	157.45
9540.000	531.95	1413.85	1500.00	1536.00	1586.79	172.94
9540.000	534.77	1501.57	1500.00	1536.00	1595.17	213.81
9600.000	529.01	1461.84	1500.00	1536.00	1570.00	116.22
9600.000	531.24	1425.46	1500.00	1536.00	1584.66	159.22
9600.000	532.04	1412.45	1500.00	1536.00	1587.04	174.59
9600.000	534.64	1506.75	1500.00	1536.00	1595.57	214.65
9605.000	533.75	1522.21	1500.00	1536.00	1591.76	199.55
9605.000	534.72	1382.21	1500.00	1536.00	1594.72	231.90
9605.000	535.07	1375.52	1500.00	1536.00	1595.76	216.24
9605.000	536.56	1505.45	1500.00	1536.00	1600.28	234.64
9650.000	533.69	1414.45	1400.00	1550.00	1552.20	137.23
9650.000	534.05	1390.52	1400.00	1550.00	1554.71	150.20
9650.000	534.99	1525.27	1400.00	1550.00	1555.57	164.50
9650.000	536.44	1581.57	1400.00	1550.00	1559.25	177.28
10300.000	534.57	1165.59	1178.00	1268.00	1299.60	134.22
10300.000	535.95	1149.45	1178.00	1268.00	1322.29	173.66
10300.000	536.45	1145.75	1178.00	1268.00	1331.66	107.95
10300.000	536.53	1122.51	1178.00	1268.00	1364.30	241.65
11000.000	537.29	1165.54	1190.00	1268.00	1234.57	71.63
11000.000	538.02	1148.62	1190.00	1268.00	1237.64	93.02
11000.000	539.01	1137.41	1190.00	1268.00	1256.20	101.59
11000.000	541.20	1057.21	1190.00	1268.00	1242.52	145.51
12350.000	543.52	1272.11	1277.00	1402.00	1411.51	139.20
12350.000	546.66	1255.41	1277.00	1402.00	1416.76	177.55
12350.000	547.59	1222.76	1277.00	1402.00	1419.54	190.70
12350.000	548.84	1167.46	1277.00	1402.00	1425.42	237.94
13920.000	554.20	1254.25	1394.00	1414.00	1424.54	95.70
13920.000	555.47	1312.75	1394.00	1414.00	1436.75	123.59
13920.000	555.92	1304.51	1394.00	1414.00	1439.53	135.54
13920.000	557.35	1285.56	1394.00	1414.00	1447.16	137.76
14750.000	559.61	1221.61	1244.00	1263.00	1269.59	47.69
14750.000	561.54	1153.25	1244.00	1263.00	1260.70	67.45
14750.000	562.14	1177.16	1244.00	1263.00	1287.14	104.50
14750.000	563.76	1144.68	1244.00	1263.00	1301.15	152.45
15250.000	562.66	1224.55	1205.00	1264.00	1267.66	62.53
15250.000	563.99	1191.54	1205.00	1264.00	1285.26	97.54
15250.000	564.09	1171.56	1205.00	1264.00	1295.90	112.51
15250.000	566.87	1142.26	1205.00	1264.00	1312.29	169.11

SECAO	UNSEL	SSIA	SICHL	SICHP	ENDST	IOPRID
15050.000	505.55	1094.12	1116.00	1153.00	1206.41	112.29
15050.000	507.24	1093.94	1116.00	1153.00	1208.89	206.95
15050.000	505.00	1047.65	1116.00	1153.00	1296.66	249.02
15050.000	507.08	1037.05	1116.00	1153.00	1356.02	358.98
16330.000	507.20	1223.70	1215.00	1355.00	1356.78	153.00
16330.000	508.74	1102.76	1215.00	1355.00	1364.03	175.25
16330.000	509.45	1225.00	1215.00	1355.00	1367.27	192.27
16330.000	571.00	1151.56	1215.00	1355.00	1378.44	226.89
16371.000	507.54	1305.00	1305.00	1345.00	1345.00	40.00
16371.000	500.86	1305.00	1305.00	1345.00	1345.00	40.00
16371.000	509.47	1305.00	1305.00	1345.00	1345.00	40.00
16371.000	571.55	1149.14	1305.00	1345.00	1380.67	231.49
16400.000	507.57	1305.00	1305.00	1345.00	1345.00	40.00
16400.000	509.26	1305.00	1305.00	1345.00	1345.00	40.00
16400.000	509.44	1305.00	1305.00	1345.00	1345.00	40.00
16400.000	571.00	1147.54	1305.00	1345.00	1383.29	256.75
16450.000	507.63	1213.76	1215.00	1355.00	1356.84	145.00
16450.000	509.56	1165.84	1215.00	1355.00	1367.94	196.00
16450.000	509.53	1206.00	1215.00	1355.00	1369.71	169.71
16450.000	571.73	1146.15	1215.00	1355.00	1383.87	237.73
16660.000	500.24	1405.00	1515.00	1552.00	1620.50	156.00
16660.000	570.07	1452.15	1515.00	1552.00	1641.24	179.10
16660.000	570.44	1447.50	1515.00	1552.00	1644.27	192.25
16660.000	572.16	1431.11	1515.00	1552.00	1656.53	235.41
17000.000	570.05	1100.50	1201.00	1299.00	1300.57	278.07
17000.000	572.25	1043.24	1201.00	1299.00	1390.76	287.53
17000.000	572.04	1002.27	1201.00	1299.00	1394.85	306.49
17000.000	574.49	1074.52	1201.00	1299.00	1408.45	351.05
18240.000	571.07	905.76	990.00	1012.00	1230.11	324.41
18240.000	572.09	602.27	990.00	1012.00	1270.17	407.20
18240.000	573.47	652.13	990.00	1012.00	1280.82	430.60
18240.000	575.01	546.41	990.00	1012.00	1341.59	495.10
18660.000	572.00	928.77	990.00	1012.00	1156.02	201.02
18660.000	573.05	916.98	990.00	1012.00	1212.45	255.45
18660.000	574.13	694.61	990.00	1012.00	1237.89	302.02
18660.000	575.57	605.26	990.00	1012.00	1288.87	421.51
19075.000	574.57	914.76	990.00	1012.00	1102.05	175.45
19075.000	575.00	603.25	990.00	1012.00	1156.80	247.42
19075.000	576.14	272.26	990.00	1012.00	1158.21	255.05
19075.000	577.25	250.61	990.00	1012.00	1158.03	305.42
19025.000	570.51	610.25	990.00	1012.00	1002.00	251.61
19025.000	571.00	776.40	990.00	1012.00	1071.10	300.72
19025.000	570.14	754.07	990.00	1012.00	1075.00	321.01
19025.000	574.53	715.09	990.00	1012.00	1064.57	304.60

SECRU	XLCH	FLIND	ELLC	ELMIN	G	CWSEL	CRINS	EG	10KAS	VCR	AREA	-01K
200.000	0.00	0.00	0.00	470.00	2370.00	484.30	0.00	484.42	3.54	2.98	1105.05	1260.10
200.000	0.00	0.00	0.00	470.00	3430.00	487.00	0.00	487.14	3.51	3.35	1591.00	1650.56
200.000	0.00	0.00	0.00	470.00	4000.00	488.16	0.00	488.31	3.52	3.31	1903.02	2132.94
200.000	0.00	0.00	0.00	470.00	6140.00	491.43	0.00	491.59	3.54	3.94	3100.56	3265.35
195.000	5.00	0.00	0.00	470.00	2370.00	484.30	0.00	484.42	3.54	2.98	1105.29	1260.42
195.000	5.00	0.00	0.00	470.00	3430.00	487.01	0.00	487.15	3.51	3.35	1591.42	1650.95
195.000	5.00	0.00	0.00	470.00	4000.00	488.17	0.00	488.31	3.52	3.31	1903.54	2133.48
195.000	5.00	0.00	0.00	470.00	6140.00	491.43	0.00	491.60	3.54	3.94	3107.31	3266.16
185.000	10.00	0.00	0.00	470.00	2370.00	484.30	0.00	484.42	3.53	2.98	1105.74	1261.00
185.000	10.00	0.00	0.00	470.00	3430.00	487.01	0.00	487.15	3.51	3.35	1592.28	1651.60
185.000	10.00	0.00	0.00	470.00	4000.00	488.17	0.00	488.32	3.51	3.30	1904.80	2134.46
185.000	10.00	0.00	0.00	470.00	6140.00	491.44	0.00	491.61	3.53	3.94	3108.63	3267.82
170.000	15.00	0.00	0.00	470.00	2370.00	484.31	0.00	484.43	3.53	2.98	1106.33	1262.08
170.000	15.00	0.00	0.00	470.00	3430.00	487.01	0.00	487.15	3.50	3.35	1593.59	1653.77
170.000	15.00	0.00	0.00	470.00	4000.00	488.17	0.00	488.32	3.51	3.30	1906.21	2135.95
170.000	15.00	0.00	0.00	470.00	6140.00	491.44	0.00	491.61	3.53	3.94	3110.94	3269.93
145.000	25.00	0.00	0.00	470.00	2370.00	484.32	0.00	484.44	3.52	2.98	1107.60	1263.74
145.000	25.00	0.00	0.00	470.00	3430.00	487.02	0.00	487.16	3.49	3.34	1595.75	1655.36
145.000	25.00	0.00	0.00	470.00	4000.00	488.18	0.00	488.33	3.50	3.30	1908.66	2138.50
145.000	25.00	0.00	0.00	470.00	6140.00	491.45	0.00	491.61	3.52	3.93	3114.70	3273.76
100.000	45.00	0.00	0.00	470.00	2370.00	484.33	0.00	484.45	3.50	2.97	1110.65	1266.71
100.000	45.00	0.00	0.00	470.00	3430.00	487.04	0.00	487.18	3.48	3.34	1599.64	1659.27
100.000	45.00	0.00	0.00	470.00	4000.00	488.20	0.00	488.35	3.48	3.30	1913.60	2143.90
100.000	45.00	0.00	0.00	470.00	6140.00	491.47	0.00	491.62	3.50	3.93	3121.85	3268.04
1.000	100.00	0.00	0.00	471.26	1600.00	484.34	0.00	484.46	16.43	5.10	448.47	414.35
1.000	100.00	0.00	0.00	471.26	2720.00	486.91	0.00	487.20	16.43	6.02	785.64	671.11
1.000	100.00	0.00	0.00	471.26	3290.00	488.60	0.00	488.76	16.19	6.34	934.78	817.38
1.000	100.00	0.00	0.00	471.26	5430.00	491.50	0.00	491.65	16.51	7.31	1423.88	1350.35
5.000	5.00	0.00	0.00	471.26	1600.00	484.34	0.00	484.46	16.13	5.19	447.61	413.38
5.000	5.00	0.00	0.00	471.26	2720.00	486.91	0.00	487.21	16.22	6.00	783.71	669.31
5.000	5.00	0.00	0.00	471.26	3290.00	488.67	0.00	488.82	16.20	6.32	932.42	815.49
5.000	5.00	0.00	0.00	471.26	5430.00	491.51	0.00	491.65	16.24	7.31	1430.81	1353.32
15.000	10.00	0.00	0.00	471.26	1600.00	484.36	0.00	484.48	16.26	5.20	444.92	411.82
15.000	10.00	0.00	0.00	471.26	2720.00	486.93	0.00	487.29	16.24	6.00	781.65	668.77
15.000	10.00	0.00	0.00	471.26	3290.00	488.68	0.00	488.83	16.29	6.37	929.13	812.34
15.000	10.00	0.00	0.00	471.26	5430.00	491.52	0.00	491.67	16.28	7.32	1476.82	1329.35
50.000	15.00	0.00	0.00	471.31	1600.00	484.36	0.00	484.48	16.43	5.22	442.32	409.34
50.000	15.00	0.00	0.00	471.31	2720.00	486.95	0.00	487.42	16.20	6.10	738.92	663.82
50.000	15.00	0.00	0.00	471.31	3290.00	488.11	0.00	488.26	16.24	6.39	925.00	808.88
50.000	15.00	0.00	0.00	471.31	5430.00	491.34	0.00	491.90	16.20	7.34	1471.84	1324.81
55.000	25.00	0.00	0.00	471.40	1600.00	484.37	0.00	484.49	16.75	5.25	437.36	405.61
55.000	25.00	0.00	0.00	471.40	2720.00	486.99	0.00	487.46	17.10	6.14	745.90	657.74
55.000	25.00	0.00	0.00	471.40	3290.00	488.14	0.00	488.29	16.23	6.43	917.29	802.86
55.000	25.00	0.00	0.00	471.40	5430.00	491.38	0.00	491.94	17.04	7.38	1462.32	1315.37

SECNO	ALCH	ELFRD	ELLC	ELMIN	U	CWSEL	CKMS	EG	ICKS	VCH	AREA	.01K
100.000	45.00	0.00	0.00	471.56	1660.00	484.39	0.00	484.79	17.32	5.31	429.33	398.84
100.000	45.00	0.00	0.00	471.56	2720.00	487.06	0.00	487.55	17.84	6.21	57.86	647.01
100.000	45.00	0.00	0.00	471.56	3290.00	488.21	0.00	488.72	17.33	6.50	903.93	790.27
100.000	45.00	0.00	0.00	471.56	5430.00	491.45	0.00	492.03	17.46	7.55	1446.32	1299.52
320.000	220.00	0.00	0.00	472.60	1660.00	484.77	0.00	485.26	22.45	5.00	371.23	350.34
320.000	220.00	0.00	0.00	472.60	2720.00	487.43	0.00	488.02	22.30	6.75	645.05	576.02
320.000	220.00	0.00	0.00	472.60	3290.00	488.57	0.00	489.19	21.84	7.07	894.53	703.97
320.000	220.00	0.00	0.00	472.60	5430.00	491.81	0.00	492.49	21.27	8.01	1321.01	1177.51
1100.000	780.00	0.00	0.00	475.40	1660.00	486.52	0.00	486.84	17.72	4.96	511.09	394.59
1100.000	780.00	0.00	0.00	475.40	2720.00	489.20	0.00	489.54	15.97	5.46	883.10	600.73
1100.000	780.00	0.00	0.00	475.40	3290.00	490.33	0.00	490.66	15.44	5.67	1074.53	837.29
1100.000	780.00	0.00	0.00	475.40	5430.00	493.56	0.00	493.91	14.48	6.20	1896.82	1427.16
3190.000	2090.00	0.00	0.00	483.00	1660.00	492.40	0.00	493.43	64.34	7.07	227.80	202.09
3190.000	2090.00	0.00	0.00	483.00	2720.00	494.66	0.00	495.97	68.50	9.55	506.51	325.02
3190.000	2090.00	0.00	0.00	483.00	3290.00	495.56	0.00	496.99	68.29	10.12	459.86	327.58
3190.000	2090.00	0.00	0.00	483.00	5430.00	498.30	0.00	500.10	62.74	11.00	730.76	638.04
4730.000	1540.00	0.00	0.00	496.40	1660.00	504.51	0.00	505.71	95.16	9.48	294.69	163.89
4730.000	1540.00	0.00	0.00	496.40	2720.00	506.13	0.00	507.06	74.86	9.50	631.52	311.31
4730.000	1540.00	0.00	0.00	496.40	3290.00	508.73	0.00	509.57	67.27	9.45	786.75	591.57
4730.000	1540.00	0.00	0.00	496.40	5430.00	508.73	0.00	509.38	50.54	9.41	1366.55	741.22
6620.000	1890.00	0.00	0.00	504.60	1660.00	514.55	0.00	515.03	28.65	6.01	435.33	302.00
6620.000	1890.00	0.00	0.00	504.60	2720.00	515.97	0.00	516.84	56.11	7.40	634.99	440.97
6620.000	1890.00	0.00	0.00	504.60	3290.00	518.45	0.00	519.20	55.27	8.09	705.32	490.00
6620.000	1890.00	0.00	0.00	504.60	5430.00	518.10	0.00	519.16	50.88	10.13	990.39	720.80
7430.000	610.00	0.00	0.00	505.70	1660.00	517.68	0.00	517.51	32.43	5.02	296.01	284.46
7430.000	610.00	0.00	0.00	505.70	2720.00	518.84	0.00	519.39	31.48	6.72	591.42	472.32
7430.000	610.00	0.00	0.00	505.70	3290.00	519.50	0.00	520.07	31.09	7.03	702.22	536.33
7430.000	610.00	0.00	0.00	505.70	5430.00	521.71	0.00	522.25	29.53	7.90	1103.29	939.55
7517.000	67.00	0.00	0.00	509.20	1660.00	517.29	0.00	517.99	63.79	6.73	240.04	202.03
7517.000	67.00	0.00	0.00	509.20	2720.00	518.93	0.00	520.01	72.32	8.55	310.32	300.02
7517.000	67.00	0.00	0.00	509.20	3290.00	519.56	0.00	520.76	61.54	9.01	340.47	345.22
7517.000	67.00	0.00	0.00	509.20	5430.00	521.90	0.00	522.69	41.26	7.92	1006.66	794.44
7542.000	29.00	523.50	522.20	509.40	1660.00	517.50	0.00	518.11	57.92	6.09	235.25	195.37
7542.000	29.00	523.50	522.20	509.40	2720.00	519.40	0.00	520.16	60.67	6.40	315.53	290.14
7542.000	29.00	523.50	522.20	509.40	3290.00	519.68	0.00	520.95	62.83	7.03	345.58	344.08
7542.000	29.00	523.50	522.20	509.40	5430.00	524.52	0.00	524.77	12.92	5.11	1637.65	1430.03
7600.000	50.00	0.00	0.00	512.30	1660.00	519.74	0.00	519.74	46.80	9.03	343.07	164.72
7600.000	50.00	0.00	0.00	512.30	2720.00	520.55	0.00	520.55	125.28	12.12	470.50	236.38
7600.000	50.00	0.00	0.00	512.30	3290.00	520.97	0.00	520.97	125.40	12.55	536.60	270.34
7600.000	50.00	0.00	0.00	512.30	5430.00	524.45	0.00	525.03	43.30	9.39	1177.92	783.12
7650.000	250.00	0.00	0.00	513.20	1660.00	521.91	0.00	523.21	41.28	10.53	275.20	163.29
7650.000	250.00	0.00	0.00	513.20	2720.00	523.25	0.00	525.23	121.38	13.43	345.48	232.32
7650.000	250.00	0.00	0.00	513.20	3290.00	523.65	0.00	525.96	130.05	14.09	375.63	255.40
7650.000	250.00	0.00	0.00	513.20	5430.00	525.63	0.00	526.67	142.17	17.22	500.74	411.75

SECT#	XLDH	ELTRD	ELLC	ELMIN	G	CWSEL	CHIAS	EB	IGRS	VCH	AREA	.01K
8600.000	750.00	0.00	0.00	516.40	1580.00	526.43	0.00	527.02	30.50	6.93	547.62	206.11
8600.000	750.00	0.00	0.00	516.40	2560.00	526.76	0.00	529.45	29.39	7.90	506.22	472.25
8600.000	750.00	0.00	0.00	516.40	2980.00	529.61	0.00	530.32	28.66	8.18	656.60	556.63
8600.000	750.00	0.00	0.00	516.40	4910.00	532.38	0.00	533.22	29.28	9.46	1001.99	907.56
9540.000	940.00	0.00	0.00	520.40	1580.00	528.90	0.00	529.19	17.18	4.67	485.66	381.16
9540.000	940.00	0.00	0.00	520.40	2560.00	531.15	0.00	531.47	15.44	5.23	782.99	651.56
9540.000	940.00	0.00	0.00	520.40	2980.00	531.85	0.00	532.29	14.80	5.41	921.54	772.06
9540.000	940.00	0.00	0.00	520.40	4910.00	534.44	0.00	535.14	13.75	6.06	1473.27	1324.16
9600.000	60.00	0.00	0.00	520.40	1580.00	529.40	0.00	529.29	16.53	4.62	496.58	308.62
9600.000	60.00	0.00	0.00	520.40	2560.00	531.24	0.00	531.57	15.20	5.23	603.47	656.56
9600.000	60.00	0.00	0.00	520.40	2980.00	532.04	0.00	532.38	14.60	5.42	756.47	774.61
9600.000	60.00	0.00	0.00	520.40	4910.00	534.84	0.00	535.23	14.05	6.15	1467.79	1309.94
9605.000	5.00	529.30	520.60	520.50	1560.00	533.73	0.00	533.78	2.25	2.51	125.77	1054.44
9605.000	5.00	529.30	520.60	520.50	2560.00	534.72	0.00	534.63	4.12	3.29	1446.04	1291.10
9605.000	5.00	529.30	520.60	520.50	2980.00	535.67	0.00	535.21	4.95	3.67	1515.50	1339.84
9605.000	5.00	529.30	520.60	520.50	4910.00	536.55	0.00	536.61	6.33	5.10	1652.11	1701.57
9650.000	45.00	0.00	0.00	523.60	1580.00	533.69	0.00	533.64	9.40	3.19	591.14	513.11
9650.000	45.00	0.00	0.00	523.60	2560.00	534.83	0.00	534.93	15.04	4.46	733.60	600.02
9650.000	45.00	0.00	0.00	523.60	2980.00	535.59	0.00	535.32	17.22	4.64	871.03	716.23
9650.000	45.00	0.00	0.00	523.60	4910.00	536.44	0.00	537.60	24.26	6.42	1631.31	1466.93
10300.000	650.00	0.00	0.00	526.60	1500.00	534.37	0.00	534.93	36.15	3.37	434.46	284.10
10300.000	650.00	0.00	0.00	526.60	2530.00	535.55	0.00	536.42	39.16	6.71	692.05	432.76
10300.000	650.00	0.00	0.00	526.60	2940.00	536.43	0.00	536.95	55.35	7.10	703.88	494.32
10300.000	650.00	0.00	0.00	526.60	4840.00	539.33	0.00	538.57	37.64	6.37	1192.12	788.32
11000.000	700.00	0.00	0.00	530.60	1270.00	537.24	0.00	536.12	73.25	7.39	217.08	142.29
11000.000	700.00	0.00	0.00	530.60	2030.00	538.22	0.00	539.26	71.40	6.62	343.23	240.24
11000.000	700.00	0.00	0.00	530.60	2480.00	539.40	0.00	540.20	75.22	9.32	399.91	262.32
11000.000	700.00	0.00	0.00	530.60	3720.00	541.26	0.00	542.53	62.64	10.39	624.24	433.70
12350.000	1350.00	0.00	0.00	536.30	1270.00	545.22	0.00	545.26	44.64	6.30	365.23	190.09
12350.000	1350.00	0.00	0.00	536.30	2030.00	546.29	0.00	547.19	41.22	6.90	504.90	313.04
12350.000	1350.00	0.00	0.00	536.30	2480.00	547.39	0.00	547.22	38.97	7.13	714.71	394.04
12350.000	1350.00	0.00	0.00	536.30	3720.00	548.26	0.00	549.40	38.26	7.95	1034.23	592.82
13920.000	1570.00	0.00	0.00	547.50	1270.00	554.24	0.00	555.15	79.91	6.47	231.33	142.07
13920.000	1570.00	0.00	0.00	547.50	2030.00	555.47	0.00	556.24	68.42	10.00	306.54	213.62
13920.000	1570.00	0.00	0.00	547.50	2480.00	555.98	0.00	557.25	94.73	10.91	452.30	252.76
13920.000	1570.00	0.00	0.00	547.50	3720.00	557.23	0.00	558.68	94.71	12.14	654.53	362.24
14750.000	430.00	0.00	0.00	551.20	1276.00	559.60	0.00	560.42	51.27	7.74	224.02	177.37
14750.000	430.00	0.00	0.00	551.20	2036.00	561.34	0.00	562.46	36.92	9.35	335.62	269.08
14750.000	430.00	0.00	0.00	551.20	2466.00	562.14	0.00	563.37	32.61	9.90	413.10	322.92
14750.000	430.00	0.00	0.00	551.20	3720.00	563.76	0.00	565.22	65.14	11.60	630.62	469.75
15230.000	460.00	0.00	0.00	553.50	1270.00	562.02	0.00	562.98	52.97	7.99	212.94	172.67
15230.000	460.00	0.00	0.00	553.50	2030.00	563.59	0.00	565.12	33.20	9.24	302.57	277.28
15230.000	460.00	0.00	0.00	553.50	2466.00	564.26	0.00	566.02	32.42	9.76	438.40	336.32
15230.000	460.00	0.00	0.00	553.50	3720.00	566.27	0.00	568.05	45.66	10.30	739.41	531.13

SECNO	ALCH	LLTRD	ELLC	LLMIR	S	GRSEL	CHTMS	EB	LNKAS	VCM	AREA	01K
15650.000	620.00	0.00	0.00	550.50	1270.00	505.55	0.00	505.02	50.84	0.50	559.19	209.23
15650.000	620.00	0.00	0.00	550.50	2030.00	507.04	0.00	507.03	20.04	0.00	601.40	379.50
15650.000	620.00	0.00	0.00	550.50	2400.00	506.00	0.00	506.04	25.75	0.05	655.22	404.78
15650.000	620.00	0.00	0.00	550.50	3720.00	507.08	0.00	570.20	25.27	0.04	1500.15	700.20
16350.000	400.00	0.00	0.00	559.10	1200.00	507.20	0.00	507.05	59.57	0.50	507.61	190.78
16350.000	400.00	0.00	0.00	559.10	1950.00	506.74	0.00	509.21	56.40	0.95	603.63	319.05
16350.000	400.00	0.00	0.00	559.10	2320.00	505.43	0.00	509.08	55.67	7.03	671.54	599.04
16350.000	400.00	0.00	0.00	559.10	3550.00	571.00	0.00	571.50	51.25	7.50	1077.55	654.06
16371.000	41.00	0.00	0.00	559.10	1200.00	507.54	0.00	507.70	15.70	5.90	506.77	524.26
16371.000	41.00	0.00	0.00	559.10	1950.00	506.60	0.00	509.51	21.51	5.40	255.92	410.13
16371.000	41.00	0.00	0.00	559.10	2320.00	507.47	0.00	570.05	25.09	0.10	550.11	403.10
16371.000	41.00	0.00	0.00	559.10	3550.00	571.55	0.00	571.01	11.94	5.00	1209.95	1027.45
16400.000	29.00	570.20	508.00	559.50	1200.00	507.57	0.00	507.05	14.09	4.05	290.15	315.09
16400.000	29.00	570.20	508.00	559.50	1950.00	509.26	0.00	509.70	19.91	5.31	203.70	432.59
16400.000	29.00	570.20	508.00	559.50	2320.00	505.44	0.00	570.05	27.04	0.25	571.05	440.15
16400.000	29.00	570.20	508.00	559.50	3550.00	571.00	0.00	571.90	10.90	4.00	1225.40	1070.51
16450.000	50.00	0.00	0.00	559.10	1200.00	507.03	0.00	507.95	27.43	5.47	400.25	209.12
16450.000	50.00	0.00	0.00	559.10	1950.00	505.50	0.00	509.03	20.54	5.57	730.00	425.01
16450.000	50.00	0.00	0.00	559.10	2320.00	509.53	0.00	570.23	20.50	5.90	601.45	409.00
16450.000	50.00	0.00	0.00	559.10	3550.00	571.73	0.00	572.01	19.79	0.20	1035.00	757.97
16600.000	210.00	0.00	0.00	550.50	1200.00	506.24	0.00	506.45	19.25	4.70	531.03	272.11
16600.000	210.00	0.00	0.00	550.50	1950.00	570.63	0.00	570.24	17.55	5.15	603.11	403.00
16600.000	210.00	0.00	0.00	550.50	2320.00	570.44	0.00	570.09	20.11	5.70	949.15	517.53
16600.000	210.00	0.00	0.00	550.50	3550.00	572.10	0.00	572.44	23.20	0.00	1302.00	770.55
17000.000	120.00	0.00	0.00	500.50	1100.00	570.05	0.00	571.04	23.19	4.07	0.45.10	240.07
17000.000	120.00	0.00	0.00	500.50	1800.00	572.25	0.00	572.59	17.74	4.01	1044.45	440.94
17000.000	120.00	0.00	0.00	500.50	2250.00	572.04	0.00	572.92	17.10	4.73	1000.93	543.10
17000.000	120.00	0.00	0.00	500.50	3420.00	574.49	0.00	574.00	14.75	4.70	1700.00	090.40
18240.000	500.00	0.00	0.00	503.50	1100.00	571.07	0.00	571.00	05.50	4.20	077.03	057.07
18240.000	500.00	0.00	0.00	503.50	1800.00	572.04	0.00	573.00	17.07	4.40	1137.50	450.20
18240.000	500.00	0.00	0.00	503.50	2250.00	573.45	0.00	573.57	15.20	4.42	1374.24	505.20
18240.000	500.00	0.00	0.00	503.50	3420.00	575.01	0.00	575.10	10.50	4.40	2070.00	904.50
18700.000	500.00	0.00	0.00	500.50	1100.00	572.50	0.00	573.00	06.25	0.24	590.57	170.50
18700.000	500.00	0.00	0.00	500.50	1800.00	573.65	0.00	574.10	06.10	0.91	600.03	073.94
18000.000	500.00	0.00	0.00	504.50	2250.00	574.15	0.00	574.59	04.43	7.10	004.01	537.50
18000.000	500.00	0.00	0.00	504.50	3420.00	575.57	0.00	575.90	55.50	0.70	1570.55	550.90
19075.000	475.00	0.00	0.00	500.00	1100.00	574.57	0.00	574.90	57.40	5.95	401.11	109.47
19075.000	475.00	0.00	0.00	500.00	1800.00	575.00	0.00	576.11	50.73	0.09	040.01	290.00
19075.000	475.00	0.00	0.00	500.00	2250.00	576.10	0.00	576.59	55.20	7.03	705.05	537.90
19075.000	475.00	0.00	0.00	500.00	3420.00	577.25	0.00	577.75	41.57	6.00	1005.01	550.41
19025.000	550.00	0.00	0.00	507.00	1100.00	576.51	0.00	576.01	25.11	5.50	400.10	015.00
19025.000	550.00	0.00	0.00	507.00	1800.00	577.05	0.00	577.93	27.00	5.70	000.40	352.40
19025.000	550.00	0.00	0.00	507.00	2250.00	576.14	0.00	576.40	27.77	5.99	955.10	400.97
19025.000	550.00	0.00	0.00	507.00	3420.00	579.53	0.00	579.00	27.03	0.55	1501.77	040.27

SUMMARY PRINTOUT TABLE 150

SECON	R	CRSEL	DIFNSP	DIFMSX	DIFRMS	TOPWIL	YLCF
200.000	2570.00	484.20	0.00	0.00	-0.70	159.26	0.00
200.000	3450.00	487.00	2.70	0.00	0.00	241.00	0.00
200.000	4000.00	488.16	1.16	0.00	0.16	298.71	0.00
200.000	6140.00	491.43	3.27	0.00	1.43	422.13	0.00
195.000	2570.00	484.20	0.00	0.00	0.00	139.29	5.00
195.000	3450.00	487.00	2.70	0.00	0.00	241.00	5.00
195.000	4000.00	488.16	1.16	0.00	0.00	298.71	5.00
195.000	6140.00	491.43	3.27	0.00	0.00	422.13	5.00
185.000	2570.00	484.20	0.00	0.00	0.00	159.42	10.00
185.000	3450.00	487.00	2.70	0.00	0.00	241.00	10.00
185.000	4000.00	488.16	1.16	0.00	0.00	298.71	10.00
185.000	6140.00	491.43	3.27	0.00	0.00	422.13	10.00
170.000	2570.00	484.21	0.00	0.01	0.00	159.46	15.00
170.000	3450.00	487.01	2.70	0.01	0.00	241.51	15.00
170.000	4000.00	488.17	1.16	0.01	0.00	297.22	15.00
170.000	6140.00	491.44	3.27	0.01	0.00	422.41	15.00
145.000	2570.00	484.22	0.00	0.01	0.00	159.23	25.00
145.000	3450.00	487.02	2.70	0.01	0.00	241.94	25.00
145.000	4000.00	488.18	1.16	0.01	0.00	297.05	25.00
145.000	6140.00	491.45	3.27	0.01	0.00	422.05	25.00
100.000	2570.00	484.23	0.00	0.02	0.00	159.00	45.00
100.000	3450.00	487.04	2.70	0.02	0.00	242.71	45.00
100.000	4000.00	488.20	1.16	0.02	0.00	297.43	45.00
100.000	6140.00	491.47	3.27	0.02	0.00	423.07	45.00
5.000	1000.00	484.24	0.00	-0.10	0.00	92.05	100.00
5.000	2720.00	488.91	2.67	-1.13	0.00	159.59	100.00
5.000	3290.00	488.00	1.16	-0.14	0.00	152.50	100.00
5.000	5450.00	491.21	3.24	-0.17	0.00	186.70	100.00
5.000	1000.00	484.24	0.00	0.01	0.00	92.79	5.00
5.000	2720.00	488.91	2.67	0.01	0.00	159.23	5.00
5.000	3290.00	488.00	1.16	0.01	0.00	152.14	5.00
5.000	5450.00	491.21	3.24	0.01	0.00	186.22	5.00
15.000	1000.00	484.26	0.00	0.01	0.00	92.41	10.00
15.000	2720.00	488.93	2.67	0.01	0.00	159.00	10.00
15.000	3290.00	488.00	1.16	0.01	0.00	151.51	10.00
15.000	5450.00	491.22	3.24	0.01	0.00	186.59	10.00
30.000	1000.00	484.26	0.00	0.02	0.00	94.94	15.00
30.000	2720.00	488.95	2.67	0.02	0.00	159.22	15.00
30.000	3290.00	488.11	1.16	0.02	0.00	151.02	15.00
30.000	5450.00	491.24	3.24	0.02	0.00	186.10	15.00
55.000	1000.00	484.27	0.00	0.04	0.00	94.07	25.00
55.000	2720.00	488.99	2.67	0.04	0.00	152.70	25.00
55.000	3290.00	488.14	1.16	0.04	0.00	151.08	25.00
55.000	5450.00	491.26	3.24	0.04	0.00	185.57	25.00

SECNO	U	LWSLL	LIFKSP	WIFKSK	LIFKWS	IUPWID	XLCH
100.000	1000.00	484.39	0.00	0.07	0.00	92.55	45.00
100.000	2720.00	407.06	2.87	0.07	0.00	137.85	45.00
100.000	5290.00	406.21	1.15	0.07	0.00	150.13	45.00
100.000	5430.00	491.45	3.24	0.07	0.00	184.24	45.00
320.000	1000.00	404.77	0.00	0.36	0.00	81.03	220.00
320.000	2720.00	487.45	2.66	0.37	0.00	127.02	220.00
320.000	5290.00	406.57	1.14	0.36	0.00	142.91	220.00
320.000	5430.00	491.21	3.24	0.36	0.00	177.31	220.00
1100.000	1000.00	485.52	0.00	1.75	0.00	115.72	780.00
1100.000	2720.00	487.20	2.66	1.77	0.00	161.41	780.00
1100.000	5290.00	490.33	1.12	1.75	0.00	177.93	780.00
1100.000	5430.00	493.56	3.23	1.75	0.00	207.01	780.00
3190.000	1000.00	492.40	0.00	5.97	0.00	50.99	2690.00
3190.000	2040.00	494.26	2.16	5.46	0.00	70.52	2690.00
3190.000	3210.00	492.58	0.90	5.23	0.00	87.11	2690.00
3190.000	5290.00	498.56	2.80	4.80	0.00	122.93	2690.00
4730.000	1000.00	504.51	0.00	12.03	0.00	102.74	1540.00
4730.000	2040.00	506.13	1.82	11.47	0.00	240.54	1540.00
4730.000	3210.00	503.73	0.89	11.17	0.00	263.22	1540.00
4730.000	5290.00	508.73	2.00	10.57	0.00	319.42	1540.00
6620.000	1000.00	514.55	0.00	10.04	0.00	131.69	1890.00
6620.000	2040.00	515.97	1.82	9.74	0.00	151.67	1890.00
6620.000	3210.00	516.45	0.40	9.72	0.00	157.81	1890.00
6620.000	5140.00	518.10	1.06	9.72	0.00	161.07	1890.00
7430.000	1000.00	517.60	0.00	2.50	0.00	101.14	210.00
7430.000	2050.00	518.64	1.74	2.87	0.00	139.24	210.00
7430.000	3120.00	515.20	0.23	3.03	0.00	102.71	210.00
7430.000	5140.00	521.71	2.21	3.60	0.00	222.81	210.00
7517.000	1000.00	517.29	0.00	0.23	0.00	44.19	27.00
7517.000	2050.00	516.93	1.23	0.04	0.00	50.00	27.00
7517.000	3120.00	515.50	0.57	0.60	0.00	50.00	27.00
7517.000	5140.00	521.90	2.40	0.23	0.00	272.07	27.00
7542.000	1000.00	517.26	0.00	0.04	0.00	44.07	25.00
7542.000	2050.00	519.60	1.71	0.15	0.00	50.00	25.00
7542.000	3120.00	515.60	0.60	0.12	0.00	50.00	25.00
7542.000	5140.00	524.52	4.63	2.56	0.00	300.46	25.00
7600.000	1000.00	515.74	0.00	2.36	0.00	152.20	50.00
7600.000	2050.00	520.53	0.82	1.47	0.00	160.07	50.00
7600.000	3120.00	520.57	0.41	1.20	1.23	159.52	50.00
7600.000	5140.00	524.43	2.40	-0.07	0.00	204.99	50.00
7850.000	1000.00	521.91	0.00	2.17	0.00	62.13	250.00
7850.000	2090.00	523.23	1.24	2.69	0.00	72.89	250.00
7850.000	3240.00	523.02	0.40	2.08	1.74	72.13	250.00
7850.000	4910.00	525.63	2.18	1.38	0.00	94.93	250.00

SECNO	U	CRSEL	DIFWSP	DIFWSX	DIFKAS	TOPWLO	XLCP
8600.000	1500.00	526.43	0.00	4.52	0.00	75.07	750.00
8600.000	2500.00	526.76	0.00	0.00	0.00	107.02	750.00
8600.000	2500.00	529.61	0.00	5.96	3.18	115.50	750.00
8600.000	4910.00	532.50	2.77	6.55	0.00	125.00	750.00
9540.000	1500.00	528.90	0.00	0.00	0.00	114.09	940.00
9540.000	2500.00	531.15	2.25	2.39	0.00	157.45	940.00
9540.000	2500.00	531.95	0.00	0.34	3.05	170.54	940.00
9540.000	4910.00	534.77	2.82	2.39	0.00	213.01	940.00
9600.000	1500.00	529.01	0.00	0.11	0.00	116.62	60.00
9600.000	2500.00	531.24	2.23	0.09	0.00	159.22	60.00
9600.000	2500.00	532.04	0.00	0.09	3.03	174.59	60.00
9600.000	4910.00	534.04	2.00	0.07	0.00	214.05	60.00
9605.000	1500.00	533.73	0.00	4.71	0.00	199.55	5.00
9605.000	2500.00	534.72	1.00	3.08	0.00	211.90	5.00
9605.000	2500.00	535.17	0.35	3.03	1.35	216.24	5.00
9605.000	4910.00	538.50	1.49	1.72	0.00	234.84	5.00
9650.000	1500.00	534.09	0.00	-0.04	0.00	137.03	45.00
9650.000	2500.00	534.85	0.97	-0.07	0.00	150.00	45.00
9650.000	2500.00	534.99	0.34	-0.00	1.30	160.50	45.00
9650.000	4910.00	538.44	1.45	-0.13	0.00	177.80	45.00
10300.000	1500.00	534.57	0.00	0.82	0.00	134.62	650.00
10300.000	2500.00	535.95	1.37	1.29	0.00	173.86	650.00
10300.000	2500.00	536.45	0.49	1.44	1.86	167.93	650.00
10300.000	4910.00	538.33	1.90	1.09	0.00	241.83	650.00
11000.000	1270.00	537.09	0.00	2.71	0.00	71.03	700.00
11000.000	2030.00	538.82	1.53	0.07	0.00	94.02	700.00
11000.000	2400.00	539.40	0.20	0.97	2.11	101.29	700.00
11000.000	3720.00	541.00	1.00	0.93	0.00	145.21	700.00
12550.000	1270.00	545.26	0.00	0.04	0.00	139.00	1250.00
12550.000	2030.00	546.09	1.37	7.87	0.00	177.25	1250.00
12550.000	2400.00	547.29	0.71	7.99	0.00	196.76	1250.00
12550.000	3720.00	548.80	1.47	7.59	0.00	237.94	1250.00
13920.000	1270.00	554.04	0.00	0.91	0.00	95.70	1570.00
13920.000	2030.00	555.47	1.23	0.76	0.00	123.99	1570.00
13920.000	2400.00	555.98	0.21	0.59	1.74	135.64	1570.00
13920.000	3720.00	557.25	1.27	0.49	0.00	157.76	1570.00
14750.000	1270.00	559.00	0.00	3.36	0.00	97.89	630.00
14750.000	2030.00	561.24	1.74	2.87	0.00	87.45	630.00
14750.000	2400.00	562.14	0.00	0.16	2.55	109.96	630.00
14750.000	3720.00	563.76	1.00	0.02	0.00	155.45	630.00
15230.000	1270.00	562.00	0.00	0.07	0.00	60.53	480.00
15230.000	2030.00	563.54	1.93	0.00	0.00	97.24	480.00
15230.000	2400.00	564.80	0.07	2.72	0.00	110.51	480.00
15230.000	3720.00	566.87	2.01	3.10	0.00	169.11	480.00

SECTO	U	CSSEL	DIFWSP	DIFWSX	DIFKWS	IDFWID	XLCH
15850.000	1270.00	505.55	0.00	5.29	0.00	118.29	620.00
15850.000	2030.00	567.24	1.89	5.25	0.00	208.55	620.00
15850.000	2460.00	568.08	0.84	5.22	2.75	248.62	620.00
15850.000	4720.00	569.28	1.80	5.01	0.00	538.58	620.00
16330.000	1200.00	567.20	0.00	1.85	0.00	152.00	480.00
16330.000	1930.00	568.74	1.53	1.50	0.00	175.25	480.00
16330.000	2320.00	569.43	0.69	1.25	2.22	145.27	480.00
16330.000	3550.00	571.00	1.63	1.18	0.00	228.69	480.00
16371.000	1200.00	567.54	0.00	0.53	0.00	40.00	41.00
16371.000	1930.00	568.26	1.32	0.12	0.00	40.00	41.00
16371.000	2320.00	569.47	0.61	0.04	1.53	40.00	41.00
16371.000	3550.00	571.35	1.66	0.50	0.00	231.44	41.00
16400.000	1200.00	567.57	0.00	0.03	0.00	40.00	25.00
16400.000	1930.00	569.26	1.69	0.40	0.00	40.00	25.00
16400.000	2320.00	569.44	0.18	-0.05	1.87	40.00	25.00
16400.000	3550.00	571.28	2.24	0.53	0.00	236.75	25.00
16450.000	1200.00	567.63	0.00	0.06	0.00	145.00	50.00
16450.000	1930.00	569.56	1.95	0.30	0.00	196.00	50.00
16450.000	2320.00	569.53	0.57	0.09	2.30	169.71	50.00
16450.000	3550.00	571.73	1.79	0.04	0.00	237.73	50.00
16680.000	1200.00	568.24	0.00	0.61	0.00	156.40	110.00
16680.000	1930.00	570.63	1.79	0.97	0.00	185.10	110.00
16680.000	2320.00	570.44	0.41	0.51	2.20	196.29	110.00
16680.000	3550.00	572.10	1.71	0.43	0.00	225.41	110.00
17080.000	1180.00	570.25	0.00	2.01	0.00	270.07	120.00
17080.000	1860.00	572.29	1.46	2.22	0.00	297.53	120.00
17080.000	2350.00	572.04	0.50	2.39	1.56	300.49	120.00
17080.000	3420.00	574.49	1.95	2.55	0.00	331.85	120.00
18240.000	1180.00	571.07	0.00	0.82	0.00	324.41	280.00
18240.000	1860.00	572.29	1.22	0.26	0.00	407.20	280.00
18240.000	2350.00	573.45	0.56	0.81	1.78	430.60	280.00
18240.000	3420.00	575.01	1.56	0.52	0.00	495.10	280.00
18600.000	1180.00	572.56	0.00	0.29	0.00	201.25	260.00
18600.000	1860.00	573.29	1.09	0.76	0.00	295.45	260.00
18600.000	2350.00	574.15	0.51	0.70	1.59	342.20	260.00
18600.000	3420.00	575.57	1.42	0.56	0.00	421.51	260.00
19075.000	1180.00	574.57	0.00	2.01	0.00	193.55	475.00
19075.000	1850.00	575.20	1.11	2.03	0.00	247.42	475.00
19075.000	2250.00	576.14	0.46	1.94	1.57	265.25	475.00
19075.000	3420.00	577.25	1.11	1.68	0.00	305.42	475.00
19625.000	1180.00	572.51	0.00	1.94	0.00	251.21	550.00
19625.000	1860.00	577.25	1.14	1.97	0.00	300.72	550.00
19625.000	2250.00	578.10	0.49	2.00	1.63	321.01	550.00
19625.000	3420.00	579.33	1.19	2.08	0.00	360.28	550.00

SUMMARY OF MARKERS

CAUTION SECTO= 7600.000 PKCFILL= 1 CRITICAL DEPTH ASSURED

CAUTION SECNO= 7600.000 PKCFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 7600.000 PKCFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 7600.000 PKCFILE= 2 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 7600.000 PKCFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 7600.000 PKCFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO= 7600.000 PKCFILE= 3 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 7600.000 PKCFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 7600.000 PKCFILE= 5 20 TRIALS ATTEMPTED TO BALANCE WSEL

CAUTION SECNO= 7650.000 PKCFILE= 4 CRITICAL DEPTH ASSUMED
CAUTION SECNO= 7650.000 PKCFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO= 7650.000 PKCFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL

 REC2 RELEASE DATED NOV 76 UPLATEL ALG 77
 ERROR CORR - 01702
 MODIFICATION - 50751752753

T1 FPMH - FIS BURLINGTON
 T2 100 YR NATURAL
 T3 GUNG CR

J1 CHECK INQ NRV IOIM SIRI PETRIC HVINS G MSEL FR
 -1. 7. 0. 0. 0.000350 0.00 0.0 0. 408.000 0.000

J2 WPROF IPLOT FPFVS ASELY ASLCH FR ALLOC IRA CHNIP IMAGE
 1.000 0.000 0.000 -1.000 0.000 0.000 0.000 0.000 0.000 15.000

J3 VARIABLE CHARGES FOR SUPPLY PRINTOUT

36.000 1.000 3.000 41.000 42.000 5.000 45.000 0.000 58.000 1.000

55.000 21.000 22.000 54.000 4.000 0.000 200.000 0.000 0.000 0.000
 NC 0.110 9.110 0.050 0.000 0.200 0.400 0.000 0.000 0.000 0.000
 QT 8.000 4000.000 0.000 0.000 0.000 2370.000 5450.000 4000.000 0.000 0.000

X1 200.000 14.000 1250.000 1500.000 1500.000 0.000 0.000 0.000 0.000 0.000
 GR 506.000 1900.000 495.000 1075.000 1120.000 440.000 485.000 1410.000 440.000 1665.000
 GR 476.000 1250.000 470.000 1255.000 1295.000 470.000 476.000 1300.000 400.000 1320.000
 GR 405.000 1355.000 490.000 1505.000 1590.000 495.000 500.000 1650.000 0.000 0.000

X1 195.000 0.000 0.000 0.000 0.000 5.000 5.000 0.000 0.000 0.000

X1 105.000 0.000 0.000 0.000 0.000 10.000 10.000 0.000 0.000 0.000

X1 170.000 0.000 0.000 0.000 0.000 15.000 15.000 0.000 0.000 0.000

X1 145.000 0.000 0.000 0.000 0.000 25.000 25.000 0.000 0.000 0.000

X1 100.000 0.000 0.000 0.000 0.000 45.000 45.000 0.000 0.000 0.000
 GT 6.000 5290.000 0.000 0.000 0.000 1000.000 2720.000 5430.000 0.000 0.000
 ET 0.000 5.100 1215.000 1515.000 0.000 0.000 0.000 0.000 0.000 0.000

X1 1.000 15.000 1255.000 1279.000 100.000 100.000 100.000 0.000 0.000 0.000
 GR 511.000 1090.000 506.000 1100.000 1150.000 486.000 1200.000 1200.000 463.200 1250.000
 GR 476.500 1255.000 472.000 1254.000 1260.000 475.000 475.000 1265.000 474.000 1265.000
 GR 477.700 1279.000 485.500 1291.000 1300.000 482.600 497.500 1400.000 511.000 1500.000
 ET 0.000 5.100 1215.000 1315.000 0.000 0.000 0.000 0.000 0.000 0.000

X1 5.000 0.000 0.000 0.000 5.000 5.000 5.000 0.000 0.000 0.000

ET 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

 HEC2-RELEASE DATED NOV 76-UPDATED -AUG 77
 ERRON CORR - 01,02
 MODIFICATION - 50751,52,53

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

GUNN CR

SUMMARY PRINTOUT

SECD	CASEL	EG	ELLC	ELMIN	10KAS	6
200.000	488.16	488.31	0.00	470.00	3.52	4000.00
200.000	488.16	488.31	0.00	470.00	3.52	4000.00
195.000	488.16	488.51	0.00	470.00	3.52	4000.00
195.000	488.16	488.51	0.00	470.00	3.52	4000.00
185.000	488.17	488.52	0.00	470.00	3.51	4000.00
185.000	488.17	488.52	0.00	470.00	3.51	4000.00
170.000	488.17	488.52	0.00	470.00	3.51	4000.00
170.000	488.17	488.52	0.00	470.00	3.51	4000.00
145.000	488.18	488.53	0.00	470.00	3.50	4000.00
145.000	488.18	488.53	0.00	470.00	3.50	4000.00
100.000	488.20	488.55	0.00	470.00	3.48	4000.00
100.000	488.20	488.55	0.00	470.00	3.48	4000.00
1.000	488.08	488.54	0.00	471.20	16.19	5290.00
1.000	488.08	488.54	0.00	471.20	16.41	5290.00
5.000	488.07	488.55	0.00	471.22	16.28	5290.00
5.000	488.04	488.57	0.00	471.22	17.09	5290.00
15.000	488.08	488.56	0.00	471.26	16.39	5290.00
15.000	488.08	488.59	0.00	471.26	17.59	5290.00
30.000	488.11	488.54	0.00	471.31	16.54	5290.00
30.000	488.08	488.61	0.00	471.31	17.72	5290.00
55.000	488.14	488.03	0.00	471.60	16.83	5290.00
55.000	488.12	488.66	0.00	471.40	17.97	5290.00
100.000	488.21	488.72	0.00	471.56	17.33	5290.00
100.000	488.20	488.75	0.00	471.56	18.42	5290.00
320.000	488.57	489.19	0.00	472.60	21.84	5290.00
320.000	488.59	489.23	0.00	472.60	22.21	5290.00

SECAO CRSEL EG ELLC ELMIN 10K*5 G

1100.000	490.53	490.66	0.00	475.00	17.44	3290.60
1100.000	490.54	490.61	0.00	475.40	17.64	3290.60
3190.000	495.56	496.99	0.00	483.00	68.59	3216.60
3190.000	495.98	497.24	0.00	483.00	58.40	3210.60
4730.000	506.73	507.57	0.00	496.40	67.27	3210.60
4730.000	506.66	507.70	0.00	496.40	79.20	3210.60
6620.000	516.45	517.20	0.00	504.80	39.57	3120.60
6620.000	516.76	517.50	0.00	504.80	35.82	3126.60
7430.000	519.50	520.07	0.00	508.70	31.20	3126.60
7430.000	519.61	520.17	0.00	508.70	25.60	3126.60
7517.000	519.50	520.70	0.00	509.20	61.54	3120.60
7517.000	519.62	520.24	0.00	509.20	65.20	3120.60
7542.000	519.80	520.95	522.20	509.40	82.23	3120.60
7542.000	519.80	521.02	522.20	509.40	86.30	3120.60
7600.000	520.97	522.11	0.00	512.50	125.46	3120.60
7600.000	521.01	522.36	0.00	512.50	124.94	3120.60
7850.000	523.65	525.96	0.00	513.20	136.05	2980.60
7850.000	523.66	525.97	0.00	513.20	134.05	2980.60
8600.000	529.61	530.32	0.00	516.40	28.66	2980.60
8600.000	529.62	530.27	0.00	516.40	29.49	2980.60
9540.000	531.95	532.29	0.00	520.40	14.90	2960.60
9540.000	532.11	532.58	0.00	520.40	18.24	2960.60
9600.000	532.04	532.38	0.00	520.40	14.80	2980.60
9600.000	532.52	532.89	0.00	520.40	15.10	2960.60
9605.000	535.07	535.21	520.60	520.50	4.95	2980.60
9605.000	535.07	535.21	520.60	520.50	4.95	2960.60
9650.000	534.99	535.22	0.00	523.60	17.22	2960.60
9650.000	535.00	535.23	0.00	523.60	17.10	2960.60
10360.000	536.45	536.95	0.00	526.60	55.35	2940.60
10360.000	536.43	536.95	0.00	526.60	55.32	2940.60
11000.000	539.40	540.60	0.00	530.60	75.82	2460.60
11000.000	539.40	540.60	0.00	530.60	75.63	2460.60
12350.000	547.29	547.68	0.00	536.30	36.97	2460.60
12350.000	547.60	548.29	0.00	536.30	43.25	2460.60
13920.000	557.29	557.29	0.00	547.50	94.73	2460.60
13920.000	557.51	557.51	0.00	547.50	79.55	2460.60
14750.000	562.14	563.27	0.00	551.29	58.01	2460.60
14750.000	562.05	563.31	0.00	551.26	61.05	2460.60

0.000 3.100 1425.000 1480.000 0.000 0.000 0.000 0.000

SECNO	CASHY	ELC	ELLC	ELRIN	10KAS	G
15230.000	564.86	566.05	0.00	553.50	54.42	2460.00
15230.000	564.86	566.09	0.00	553.50	54.36	2460.00
15850.000	566.08	568.44	0.00	556.50	25.75	2460.00
15850.000	566.25	568.79	0.00	556.50	32.46	2460.00
16330.000	569.43	565.64	0.00	559.10	33.67	2520.00
16330.000	569.66	570.41	0.00	559.10	35.12	2520.00
16371.000	569.47	576.05	0.00	559.10	25.09	2520.00
16371.000	570.03	570.55	0.00	559.10	27.93	2520.00
16400.000	569.44	576.05	568.60	559.30	27.04	2520.00
16400.000	570.01	570.55	568.60	559.30	29.70	2520.00
16450.000	569.93	576.23	0.00	559.10	22.50	2520.00
16450.000	570.46	570.72	0.00	559.10	17.00	2520.00
16620.000	570.44	576.69	0.00	558.90	20.11	2520.00
16660.000	570.07	571.67	0.00	558.90	16.17	2520.00
17880.000	572.04	572.98	0.00	562.30	17.16	2250.00
17880.000	573.16	573.39	0.00	562.30	22.42	2250.00
18240.000	573.45	573.57	0.00	563.30	15.05	2250.00
18240.000	573.94	574.17	0.00	563.30	21.37	2250.00
18600.000	574.15	574.59	0.00	564.50	44.43	2250.00
18600.000	574.61	575.24	0.00	564.50	56.37	2250.00
19075.000	576.14	576.59	0.00	566.00	39.52	2250.00
19075.000	576.55	577.05	0.00	566.00	36.66	2250.00
19625.000	578.14	578.42	0.00	567.60	27.77	2250.00
19625.000	578.05	578.23	0.00	567.60	39.61	2250.00

GUNN CK

SUMMARY PRINTOUT

SECNO	CWSEL	SSIA	SICHL	SICRR	ENDSI	TOPWID
200.000	488.16	1153.11	1250.00	1300.00	1449.82	296.71
200.000	488.16	1153.11	1250.00	1300.00	1449.82	296.71
195.000	488.16	1153.08	1250.00	1300.00	1449.87	296.79
195.000	488.16	1153.08	1250.00	1300.00	1449.87	296.79
185.000	488.17	1153.01	1250.00	1300.00	1449.90	296.96
185.000	488.17	1153.01	1250.00	1300.00	1449.90	296.96
170.000	488.17	1152.92	1250.00	1300.00	1450.14	297.22
170.000	488.17	1152.92	1250.00	1300.00	1450.14	297.22
145.000	488.16	1152.75	1250.00	1300.00	1450.41	297.65
145.000	488.16	1152.75	1250.00	1300.00	1450.41	297.65
100.000	488.20	1152.47	1250.00	1300.00	1450.89	298.43
100.000	488.20	1152.47	1250.00	1300.00	1450.89	298.43
1.000	488.08	1199.38	1253.00	1279.00	1500.60	152.30
1.000	488.08	1215.60	1253.00	1279.00	1515.00	100.00
5.000	488.07	1199.44	1253.00	1279.00	1500.58	152.14
5.000	488.04	1215.60	1253.00	1279.00	1515.00	100.00
15.000	488.08	1199.52	1253.00	1279.00	1500.45	151.91
15.000	488.08	1215.60	1253.00	1279.00	1515.00	100.00
30.000	488.11	1199.67	1253.00	1279.00	1506.24	151.62
30.000	488.08	1215.60	1253.00	1279.00	1515.00	100.00
55.000	488.14	1199.62	1253.00	1279.00	1505.90	151.08
55.000	488.12	1215.60	1253.00	1279.00	1515.00	100.00
100.000	488.21	1199.16	1253.00	1279.00	1505.29	150.15
100.000	488.20	1215.60	1253.00	1279.00	1515.00	100.00
500.000	488.27	1197.77	1253.00	1279.00	1500.60	162.51
520.000	488.29	1220.00	1253.00	1279.00	1520.00	100.00
1100.000	489.55	1058.76	1119.00	1145.00	1216.63	177.93
1100.000	489.39	1066.60	1119.00	1145.00	1160.00	100.00
3190.000	495.26	1078.52	1089.00	1115.00	1160.03	07.11
3190.000	495.90	1078.16	1089.00	1115.00	1170.22	92.12
4730.000	500.75	1148.41	1295.00	1317.00	1410.45	263.62
4730.000	500.66	1200.60	1295.00	1317.00	1360.00	100.00
6620.000	510.45	1507.22	1278.00	1705.00	1724.85	157.61
6620.000	510.78	1600.60	1678.00	1705.00	1720.00	120.00
7430.000	519.20	1975.41	1595.00	2030.00	2144.12	168.71
7430.000	519.61	1596.60	1595.00	2030.00	2126.00	150.00

0.000 5.100 1425.000 1480.000 0.000 0.000 0.000 0.000

SECKO	CASEL	SSTA	STGHL	SICRN	EMPSI	TUPWID
7517.000	519.50	2006.00	2000.00	2050.00	2050.00	50.00
7517.000	519.02	2006.00	2000.00	2050.00	2050.00	50.00
7542.000	519.60	2006.00	2000.00	2050.00	2050.00	50.00
7542.000	519.80	2006.00	2000.00	2050.00	2050.00	50.00
7600.000	520.97	2050.00	2066.00	2062.00	2210.00	155.92
7600.000	521.01	2050.00	2066.00	2062.00	2200.00	150.00
7850.000	523.05	506.04	542.00	1000.00	1044.79	76.15
7850.000	523.08	506.55	542.00	1000.00	1044.90	76.41
8600.000	525.01	541.96	541.00	1010.00	1061.47	115.50
8600.000	525.02	542.00	541.00	1010.00	1055.00	80.00
9540.000	531.95	1413.05	1500.00	1530.00	1586.79	172.54
9540.000	532.11	1415.00	1500.00	1530.00	1555.00	00.00
9600.000	532.04	1416.05	1500.00	1530.00	1507.04	174.59
9600.000	532.52	1416.00	1500.00	1530.00	1570.00	100.00
9605.000	535.07	1575.22	1500.00	1530.00	1595.70	216.24
9605.000	535.07	1575.48	1500.00	1530.00	1595.77	216.28
9650.000	534.39	1595.27	1400.00	1550.00	1555.57	160.50
9650.000	535.00	1595.24	1400.00	1550.00	1555.00	159.76
10300.000	536.45	1143.73	1178.00	1200.00	1331.60	167.53
10300.000	536.47	1142.71	1178.00	1200.00	1331.60	167.57
11000.000	539.40	1157.41	1198.00	1200.00	1230.00	101.59
11000.000	539.40	1157.41	1198.00	1200.00	1230.00	101.59
12350.000	547.39	1220.70	1277.00	1402.00	1419.54	190.72
12350.000	547.65	1210.00	1277.00	1402.00	1465.00	95.00
13420.000	555.50	1503.91	1504.00	1414.00	1430.55	135.00
13420.000	556.34	1505.00	1504.00	1414.00	1420.00	95.00
14750.000	562.14	1177.10	1244.00	1265.00	1267.14	109.58
14750.000	562.35	1160.00	1244.00	1265.00	1200.00	100.00
15250.000	564.00	1177.28	1205.00	1204.00	1209.50	132.51
15250.000	564.00	1177.28	1205.00	1204.00	1205.00	105.00
15850.000	566.00	1047.05	1110.00	1135.00	1290.00	249.02
15850.000	566.25	1110.00	1110.00	1135.00	1200.00	90.00
16350.000	569.45	1225.00	1415.00	1555.00	1507.27	142.27
16350.000	569.60	1225.00	1415.00	1555.00	1340.00	90.00
16371.000	569.47	1205.00	1205.00	1345.00	1345.00	40.00
16371.000	570.05	1205.00	1305.00	1345.00	1345.00	40.00
16400.000	569.40	1305.00	1305.00	1345.00	1345.00	40.00
16400.000	570.01	1305.00	1305.00	1345.00	1345.00	40.00

SECD	CWSEL	SSJA	STCHL	STCHR	ENDSI	IUPWID
16450.000	569.93	1200.00	1315.00	1335.00	1369.71	169.71
16450.000	570.48	1230.00	1315.00	1335.00	1360.00	150.00
16660.000	570.44	1447.98	1515.00	1532.00	1644.27	196.29
16660.000	570.87	1400.00	1515.00	1532.00	1630.00	170.00
17860.000	572.84	1008.37	1201.00	1299.00	1394.85	306.49
17860.000	573.16	1170.00	1281.00	1299.00	1340.00	170.00
18240.000	573.45	858.15	990.00	1012.00	1288.82	430.88
18240.000	573.94	980.00	990.00	1012.00	1146.00	160.00
18600.000	574.15	894.81	990.00	1012.00	1237.69	342.88
18600.000	574.81	960.00	990.00	1012.00	1120.00	140.00
19075.000	576.14	872.36	990.00	1012.00	1138.21	265.85
19075.000	576.55	940.00	990.00	1012.00	1070.00	130.00
19625.000	578.14	754.07	990.00	1012.00	1075.00	321.01
19625.000	578.65	900.00	990.00	1012.00	1015.00	115.00

SUMMARY OF ERRORS

CAUTION SECNO= 7600.000 PROFILE 1 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 7600.000 PROFILE 1 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 7600.000 PROFILE 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECNO= 7600.000 PROFILE 2 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 7600.000 PROFILE 2 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECNO= 7600.000 PROFILE 2 20 TRIALS ATTEMPTED TO BALANCE WSEL

FLOODWAY DATA GUHN CR
 PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY	WATER SURFACE ELEVATION WITHOUT FLOODWAY	DIFFERENCE
200.000	247.	1903.	2.1	488.2	488.2	0.0
155.000	247.	1904.	2.1	488.2	488.2	0.0
185.000	297.	1905.	2.1	488.2	488.2	0.0
170.000	247.	1906.	2.1	488.2	488.2	0.0
145.000	298.	1909.	2.1	488.2	488.2	0.0
100.000	298.	1914.	2.1	488.2	488.2	0.0
1.000	100.	821.	4.0	488.1	488.1	0.0
5.000	100.	820.	4.0	488.1	488.1	0.0
15.000	100.	818.	4.0	488.1	488.1	0.0
30.000	100.	815.	4.0	488.1	488.1	0.0
55.000	100.	810.	4.1	488.1	488.1	0.0
100.000	100.	802.	4.1	488.2	488.2	0.0
320.000	100.	745.	4.4	488.8	488.8	0.0
1100.000	100.	889.	5.7	490.4	490.5	0.1
3190.000	42.	478.	6.7	496.0	495.6	0.4
4730.000	180.	601.	4.5	506.7	506.7	0.0
6620.000	120.	694.	4.5	516.7	516.4	0.3
7430.000	130.	760.	4.5	519.7	519.5	0.2
7517.000	50.	355.	8.8	519.8	519.5	0.3
7542.000	50.	351.	8.5	519.8	519.7	0.1
7600.000	150.	530.	5.5	521.0	521.0	0.0
7850.000	76.	378.	7.5	523.8	523.6	0.2
8800.000	80.	682.	4.4	525.8	525.6	0.2
9500.000	100.	814.	5.7	532.5	532.0	0.5
9605.000	216.	1518.	6.6	535.1	535.1	0.0
9650.000	160.	788.	5.8	535.0	535.0	0.0
10300.000	186.	784.	5.7	536.4	536.4	0.0
11000.000	161.	406.	4.2	539.4	539.4	0.0
12350.000	95.	528.	4.4	547.7	547.4	0.3
13920.000	45.	439.	5.6	556.4	556.0	0.4
14750.000	100.	403.	8.1	562.1	562.1	0.0
15230.000	165.	442.	5.8	564.9	564.9	0.0
15850.000	90.	601.	4.1	568.5	568.1	0.4
16350.000	90.	581.	4.1	569.8	569.4	0.4
16371.000	46.	394.	5.5	576.0	576.0	0.0
16400.000	46.	394.	5.5	576.0	576.0	0.0
16450.000	170.	854.	2.7	576.8	576.8	0.0
16660.000	170.	454.	6.2	576.8	576.8	0.0
17000.000	170.	406.	6.5	575.1	575.0	0.1
16640.000	160.	888.	2.5	575.9	575.4	0.5
16500.000	190.	674.	2.5	574.9	574.2	0.7
19075.000	130.	620.	2.8	578.5	578.1	0.4
19625.000	115.	575.	2.5	578.3	578.1	0.2

A
 B
 C
 D
 E

BY 613.100 605.500 1459.000 413.100

SEARCHED INDEXED SERIALIZED FILED
MAR 10 1966 FBI - MEMPHIS
COMMUNICATIONS SECTION

4-500 0-000 0-000

 HEC2 RELEASE DATED NOV 76 UPDATE AUG 77
 ERROR CODE - 01,02
 MODIFICATION - 5075152453

C
 T1 FPM - FTS BURLINGTON AC
 T2 100 YR NATURAL
 T3 BUNK CR

J1	ICHECK	LOW	NIAV	INDR	SIRI	RETRIC	EVINS	IP	WSEL	FO
-1.	1.	0.	0.	0.000000	0.00	0.00	0.0	0.	576.140	0.000
J2	APROP	IPLOT	PRFOS	XSECV	XSECH	FW	ALLOC	IPA	CHGIP	IIRACE
1.000	0.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	15.000

J3 VARIABLE CODES FOR SURVEY PRINTOUT

58.000	1.000	2.000	41.000	42.000	5.000	43.000	0.000	38.000	1.000
53.000	21.000	22.000	58.000	0.000	0.000	200.000	0.000	0.000	0.000
AC	0.110	0.110	0.050	0.200	0.400	0.000	0.000	0.000	0.000
GI	8.000	2180.000	2180.000	2180.000	1100.000	1740.000	2180.000	3250.000	0.000
E1	0.000	3.100	500.000	1015.000	0.000	0.000	0.000	0.000	0.000
X1	19625.000	11.000	590.000	1012.000	550.000	550.000	550.000	550.000	0.000
GR	500.000	700.000	578.000	758.000	576.000	828.000	575.100	945.000	590.000
CR	576.100	993.000	567.600	1006.000	570.500	1008.000	572.700	1012.000	1050.000
GR	500.000	1090.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E1	0.500	3.100	555.000	1070.000	0.000	0.000	0.000	0.000	0.000

<-TOPC SECTION

<-SURVEYED SECTION

X1	20670.000	10.000	587.000	1012.000	1045.000	1645.000	1645.000	1045.000	0.000	0.000
GR	592.200	265.000	504.000	922.000	501.000	966.000	577.000	922.000	576.700	590.000
GR	575.900	1000.000	574.800	1010.000	577.200	1012.000	500.700	1065.000	596.400	1106.000
E1	0.000	3.100	1275.000	1385.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	2235.000	12.000	1235.000	1362.000	1705.000	1705.000	1705.000	1705.000	0.000	0.000
GR	597.000	1105.000	594.000	1174.000	590.000	1225.000	505.000	1300.000	505.000	1235.000
GR	503.300	1342.000	502.500	1349.000	503.700	1356.000	505.000	1362.000	596.000	1405.000
GR	595.000	1500.000	600.000	1565.000	0.000	0.000	0.000	0.000	0.000	0.000
E1	0.000	2070.000	2076.000	2070.000	1030.000	1620.000	2070.000	3000.000	0.000	0.000
E1	0.000	3.100	1406.000	1505.000	0.000	0.000	0.000	0.000	0.000	0.000

<-TOPC SECTION

<-SURVEYED SECTION

BT 613.100 605.500 1859.000 613.100 0.000 1900.000 613.000 0.000
 X1 23400.000 0.000 1065.000 1065.000 0.000 0.000 0.000 0.000
 GR 601.100 1200.000 596.700 1300.000 1400.000 1400.000 1400.000 1471.000
 GR 508.900 1473.000 508.600 1478.000 1484.000 1484.000 1484.000 1500.000
 GR 594.900 1573.000 601.100 1559.000 0.000 0.000 0.000 0.000
 ET 0.000 3.110 1457.000 1525.000 0.000 0.000 0.000 0.000

<-OLD BILL BAK - ENLARGED

X1 23455.600 10.000 1469.000 1469.000 15.000 15.000 0.000 0.000
 GR 605.200 1100.000 601.100 1200.000 596.200 1300.000 1300.000 1325.000
 GR 600.300 1400.000 595.600 1464.000 1465.000 1465.000 1471.000 1473.000
 GR 508.600 1478.000 508.600 1484.000 1489.000 1489.000 1500.000 1523.000
 GR 595.100 1525.000 601.100 1559.000 607.500 1600.000 1600.000 0.000
 AC 0.100 0.090 0.000 0.000 0.000 0.000 0.000 0.000
 ET 0.000 3.110 1457.000 1523.000 0.000 0.000 0.000 0.000

X1 23467.000 0.000 7.000 7.000 7.000 7.000 0.000 0.000
 ET 0.000 3.100 1290.000 1500.000 0.000 0.000 0.000 0.000

X1 23475.000 14.000 1469.000 1469.000 13.000 13.000 0.000 0.000
 GR 608.200 1100.000 601.100 1200.000 596.700 1300.000 1320.000 1400.000
 GR 591.100 1473.000 508.600 1478.000 508.600 1478.000 1484.000 1489.000
 GR 591.900 1509.000 594.900 1523.000 601.100 1559.000 1600.000 0.000
 ET 0.000 3.100 1715.000 1465.000 0.000 0.000 0.000 0.000

<-TYPE SECTION

X1 24000.000 11.000 1375.000 1375.000 625.000 625.000 0.000 0.000
 GR 610.000 1175.000 605.000 1200.000 600.000 1253.000 1375.000 1377.000
 GR 590.600 1385.000 590.600 1391.000 592.900 1394.000 1550.000 1620.000
 GR 610.000 1725.000 6.000 6.000 0.000 0.000 0.000 0.000
 ET 0.000 2000.000 2000.000 2000.000 1000.000 1550.000 3000.000 0.000
 ET 0.000 6.000 6.000 6.000 9.100 9.100 1590.000 1820.000
 ET 0.000 3.100 1600.000 1750.000 0.000 0.000 0.000 0.000

<-STANDARD SECTION

X1 25119.000 15.000 1680.000 1680.000 1110.000 1110.000 0.000 0.000
 GR 622.000 1600.000 606.100 1600.000 601.300 1600.000 1600.000 1600.000
 GR 590.900 1600.000 596.600 1602.000 595.700 1601.000 1700.000 1701.000
 GR 590.200 1400.000 595.600 1405.000 611.000 1500.000 1500.000 2045.000
 ET 0.000 3.110 1631.000 1459.000 0.000 0.000 0.000 0.000

<-CLEVERE - CR 1167 X 1-85

X1 25210.000 10.000 1631.000 1631.000 106.000 106.000 0.000 0.000
 X2 10.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 GR 622.000 1150.000 621.500 1200.000 617.000 1300.000 611.000 608.000
 GR 595.600 1555.000 601.000 1600.000 600.000 1700.000 1800.000 1500.000
 GR 595.600 1631.000 595.600 1659.000 595.600 1859.000 1900.000 2000.000
 GR 611.000 2065.000 614.500 2100.000 626.700 2200.000 0.000 0.000
 SB 1.250 1.870 2.500 0.000 28.000 1.000 0.000 595.600
 ET 0.000 3.110 1631.000 1459.000 0.000 0.000 0.000 0.000

X1 25440.000 10.000 1631.000 1631.000 224.000 224.000 0.000 0.000
 X2 0.000 0.000 1.000 605.500 613.000 0.000 0.000 0.000
 X3 10.000 0.000 0.000 6.000 0.000 0.000 613.000 0.000
 RT 12.000 1150.000 622.600 1500.000 619.300 0.000 1500.000 0.000
 RT 1700.000 613.800 0.000 1831.000 613.200 0.000 1831.000 1859.000

BT	0.000	803.500	1857.000	613.100	0.000	1900.000	613.000	0.000	2000.000	613.800
GR	621.800	1150.000	621.500	1200.000	617.000	1300.000	611.000	1400.000	605.000	1500.000
GR	596.500	1631.000	596.500	1659.000	598.500	1859.000	598.800	1900.000	595.800	2000.000
GR	611.000	2065.000	614.500	2100.000	621.300	2500.000	0.000	0.000	0.000	0.000
NC	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	1980.000	1980.000	1980.000	980.000	1520.000	1520.000	2900.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	9.100	9.100	9.100	5.100	320.000	1070.000
ET	0.000	5.100	936.000	1046.000	0.000	0.000	0.000	0.000	0.000	0.000

<-TOPC SECTION

X1	25550.000	15.000	588.000	1010.000	110.000	110.000	110.000	0.000	0.000	0.000
GR	620.000	490.000	615.000	550.000	610.000	590.000	605.000	650.000	600.000	525.000
GR	599.500	986.000	597.200	997.000	596.800	997.000	597.500	1008.000	595.900	1010.000
GR	600.000	1050.000	605.000	1200.000	610.000	1250.000	615.000	1310.000	620.000	1460.000
ET	0.000	0.000	0.000	0.000	9.100	9.100	9.100	9.100	840.000	1140.000
ET	0.000	5.100	525.000	1045.000	0.000	0.000	0.000	0.000	0.000	0.000

<-TOPC SECTION

X1	26000.000	15.000	588.000	1010.000	450.000	450.000	450.000	0.000	0.000	0.000
GR	620.000	505.000	615.000	600.000	610.000	720.000	605.000	800.000	600.000	588.000
GR	598.000	990.000	597.000	996.000	598.700	1008.000	601.000	1010.000	600.000	1020.000
GR	605.000	1190.000	610.000	1220.000	620.000	1280.000	630.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	9.100	9.100	9.100	9.100	0.000	0.000
ET	0.000	5.100	1525.000	1625.000	0.000	0.000	0.000	5.100	1525.000	1625.000
ET	0.000	5.100	1525.000	1625.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SERVEYED SECTION

X1	26250.000	23.000	1528.000	1580.000	220.000	220.000	220.000	0.000	0.000	0.000
GR	630.000	1000.000	626.200	1100.000	627.500	1200.000	626.600	1250.000	624.700	1260.000
GR	619.500	1270.000	614.500	1300.000	610.300	1400.000	608.200	1500.000	601.500	1556.000
GR	602.500	1562.000	605.100	1590.000	615.600	1800.000	622.700	1900.000	622.900	2000.000
GR	623.100	2100.000	625.400	2200.000	630.200	2400.000	0.000	0.000	0.000	0.000
ET	0.000	5.110	1528.000	1597.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SERVEYED SECTION

X1	26257.000	23.000	1528.000	1597.000	17.000	17.000	17.000	0.000	0.000	0.000
GR	630.000	1000.000	622.200	1100.000	627.500	1200.000	626.600	1250.000	624.700	1260.000
GR	619.500	1270.000	614.500	1300.000	610.300	1400.000	608.200	1500.000	601.500	1556.000
GR	602.500	1562.000	605.100	1590.000	615.600	1800.000	622.700	1900.000	622.900	2000.000
GR	623.100	2100.000	625.400	2200.000	630.200	2400.000	0.000	0.000	0.000	0.000
ET	0.000	5.110	1528.000	1597.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SERVEYED SECTION

X1	26000.000	0.000	0.000	0.000	51.000	51.000	51.000	0.000	0.000	0.000
X2	10.000	0.000	1.000	610.700	612.400	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	12.000	1100.000	130.000	0.000	1300.000	619.400	0.000	612.000	614.600	0.000
BT	1500.000	612.500	6.000	1522.000	612.500	0.000	1522.000	612.500	610.700	1547.000
BT	612.500	610.700	1597.000	612.500	0.000	1700.000	612.900	0.000	1800.000	615.000
BT	0.000	1500.000	618.200	0.000	2000.000	620.500	6.000	2400.000	630.200	0.000
BT	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	5.000	142.000	1400.000	0.000	0.000	0.000	5.100	1470.000	1645.000
ET	0.000	5.000	142.000	1400.000	0.000	0.000	0.000	0.000	0.000	0.000

BT	613.100	605.500	1852.000	613.100	1595.000	0.000	1900.000	612.000	0.000	2000.000	612.800
BT	0.000	2100.000	615.100	0.000	0.000	2500.000	621.300	0.000	0.000	0.000	0.000
GR	622.800	1150.000	621.500	1200.000	617.000	617.000	1400.000	611.000	1400.000	605.000	1500.000
GR	601.300	1555.000	601.000	1600.000	600.000	600.000	1700.000	595.000	1800.000	595.000	1831.000
GR	596.500	1631.000	596.500	1650.000	598.500	598.500	1850.000	598.000	1800.000	595.800	2000.000
GR	611.000	2065.000	619.500	2100.000	621.000	621.000	2500.000	0.000	0.000	0.000	0.000
AC	0.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	1980.000	1980.000	1980.000	1980.000	560.000	1520.000	1980.000	2500.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	5.100	5.100	5.100	5.100	920.000	1070.000
ET	0.000	5.100	538.000	1056.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-TEMP SECTION

X1	2550.000	15.000	500.000	1010.000	110.000	110.000	710.000	110.000	0.000	0.000	0.000
GR	620.000	490.000	615.000	550.000	610.000	590.000	590.000	605.000	650.000	600.000	525.000
GR	598.000	990.000	597.000	991.000	598.000	597.000	997.000	597.500	1000.000	595.900	1010.000
GR	605.000	1190.000	605.000	1220.000	600.000	600.000	1280.000	600.000	1010.000	600.000	1020.000
ET	0.000	1050.000	1050.000	1290.000	610.000	610.000	1250.000	610.000	1210.000	620.000	1400.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	9.100	9.100	9.100	840.000	1140.000
ET	0.000	5.100	535.000	1005.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-TEMP SECTION

X1	2600.000	15.000	500.000	1010.000	450.000	450.000	450.000	450.000	0.000	0.000	0.000
GR	620.000	505.000	615.000	600.000	610.000	720.000	720.000	605.000	600.000	600.000	588.000
GR	598.000	990.000	597.000	991.000	598.000	597.000	1000.000	601.000	1010.000	600.000	1020.000
GR	605.000	1190.000	605.000	1220.000	600.000	600.000	1280.000	600.000	1010.000	600.000	1020.000
ET	0.000	1050.000	1050.000	1290.000	610.000	610.000	1250.000	610.000	1210.000	620.000	1400.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	9.100	9.100	9.100	840.000	1140.000
ET	0.000	5.100	535.000	1005.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SHEEVED SECTION

X1	2620.000	23.900	1538.000	1500.000	220.000	220.000	220.000	220.000	0.000	0.000	0.000
GR	620.000	1000.000	620.000	1100.000	627.500	627.500	1200.000	620.000	1250.000	620.700	1260.000
GR	615.000	1270.000	615.000	1300.000	610.000	610.000	1400.000	606.200	1500.000	601.500	1550.000
GR	598.000	1562.000	595.500	1569.000	595.000	595.000	1570.000	602.200	1580.000	601.400	1585.000
GR	602.000	1900.000	605.100	1900.000	610.000	610.000	1900.000	620.000	1900.000	620.900	2000.000
GR	620.100	2100.000	625.000	2200.000	630.000	630.000	2400.000	630.000	2400.000	630.000	2500.000
ET	0.000	5.110	1520.000	1597.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-BUFFER - BUFFER FILE -

X1	2620.000	23.900	1538.000	1500.000	17.000	17.000	17.000	17.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	620.000	1000.000	620.000	1100.000	627.500	627.500	1200.000	620.000	1250.000	620.700	1260.000
GR	615.000	1270.000	615.000	1300.000	610.000	610.000	1400.000	606.200	1500.000	601.500	1550.000
GR	602.000	1562.000	595.500	1569.000	595.000	595.000	1570.000	602.200	1580.000	601.400	1585.000
GR	602.000	1900.000	605.100	1900.000	610.000	610.000	1900.000	620.000	1900.000	620.900	2000.000
GR	620.100	2100.000	625.000	2200.000	630.000	630.000	2400.000	630.000	2400.000	630.000	2500.000
ET	0.000	5.110	1520.000	1597.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

X1	2620.000	0.000	0.000	0.000	31.000	31.000	31.000	31.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	610.700	612.400	612.400	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
BT	13.000	1100.000	630.000	0.000	1200.000	1200.000	619.400	0.000	1400.000	614.600	0.000
BT	1500.000	612.500	0.000	1520.000	612.500	612.500	0.000	1522.000	612.500	1597.000	1597.000
BT	612.500	610.700	1597.000	612.500	612.500	612.500	1700.000	612.900	1200.000	1200.000	615.000
BT	0.000	1900.000	618.200	0.000	2000.000	2000.000	620.900	0.000	2400.000	630.200	0.000
AC	0.000	0.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	9.100	9.100	9.100	9.100	9.100	1470.000	1645.000

<-SURVEYED SECTION

XI	31075.000	17.000	1447.000	1459.000	50.000	50.000	50.000	0.000	0.000	-0.900	0.000
GR	645.000	1050.000	640.500	1100.000	655.200	655.200	628.800	1300.000	1400.000	618.600	1400.000
GR	615.200	1447.000	613.800	1449.000	613.700	613.700	613.800	1453.000	1457.000	615.600	1459.000
GR	616.900	1500.000	620.000	1600.000	631.000	631.000	634.200	1700.000	1784.000	636.700	1664.000
GR	637.600	1900.000	638.400	2000.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	1970.000	1670.000	2070.000	470.000	470.000	1070.000	860.000	1620.000	0.000	0.000
ET	0.000	5.100	1416.000	1480.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XI	31125.000	0.000	0.000	0.000	50.000	50.000	50.000	0.000	0.000	0.900	0.000
ET	0.000	5.100	1410.000	1480.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-TOPIC SECTION

XI	31250.000	11.000	1447.000	1459.000	125.000	125.000	125.000	0.000	0.000	0.000	0.000
GR	630.000	1323.000	625.000	1365.000	620.000	620.000	616.200	1447.000	1530.000	614.400	1449.000
GR	614.300	1453.000	614.400	1457.000	616.600	616.600	620.000	1530.000	1605.000	625.000	1605.000
GR	630.000	1455.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	5.100	1406.000	1480.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-TOPIC SECTION

XI	31750.000	11.600	1447.000	1459.000	500.000	500.000	506.000	0.000	0.000	0.000	0.000
GR	630.000	1115.000	625.000	1215.000	620.000	620.000	619.200	1447.000	1449.000	616.900	1449.000
GR	616.800	1455.000	616.400	1457.000	619.500	619.500	620.000	1470.000	1532.000	625.000	1532.000
GR	630.000	1565.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	5.100	1395.000	1485.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-TOPIC SECTION

XI	32230.000	9.000	1447.000	1459.000	480.000	480.000	480.000	0.000	0.000	0.000	0.000
GR	630.000	1265.000	625.000	1340.000	620.000	620.000	619.300	1449.000	1449.000	615.200	1452.000
GR	615.300	1457.000	623.000	1459.000	625.000	625.000	630.000	1558.000	1558.000	0.000	0.000
ET	0.000	5.100	1425.000	1515.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-SURVEYED SECTION

XI	32350.000	15.000	1447.000	1459.000	100.000	100.000	100.000	0.000	0.000	0.000	0.000
GR	646.700	1000.000	642.200	1100.000	642.200	642.200	642.000	1200.000	1300.000	636.900	1300.000
GR	627.500	1400.000	623.700	1400.000	620.000	620.000	619.900	1489.000	1492.000	620.100	1492.000
GR	623.500	1456.000	624.100	1500.000	627.000	627.000	644.600	1700.000	1800.000	645.300	1800.000
ET	0.000	1010.000	1610.000	1010.000	0.000	0.000	1010.000	1550.000	1550.000	0.000	0.000
ET	0.000	5.100	545.000	1050.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

<-TOPIC SECTION

XI	32600.000	11.000	991.000	1008.000	270.000	270.000	270.000	0.000	0.000	0.000	0.000
GR	635.000	615.000	630.000	650.000	625.000	625.000	624.500	991.000	991.000	620.600	995.000
GR	620.500	1000.000	620.600	1000.000	624.500	624.500	625.000	1045.000	1045.000	630.000	1075.000
GR	635.000	1110.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	9.000	0.000	0.000	5.100	5.100	0.000	0.000	0.000	2080.000	2130.000
ET	0.000	5.100	2070.000	2200.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

XI	33240.000	14.000	2090.000	2108.000	640.000	640.000	640.000	0.000	0.000	0.000	0.000
GR	645.000	1600.000	640.500	1900.000	631.700	631.700	628.300	2090.000	2090.000	622.600	2094.000
GR	622.500	2100.000	622.500	2106.000	628.100	628.100	628.300	2200.000	2200.000	633.200	2300.000

GR 653.700 2400.000 639.600 2500.000 643.400 2600.000 2620.000 0.000 0.000 0.000
 ET 0.000 3.110 2095.000 2200.000 0.000 0.000 0.000 0.000 0.000 0.000

<-PIPE ARCH - BERWICK ST

X1 33290.000 14.000 2095.000 2105.000 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 0.000 0.000 0.000
 GR 645.000 1800.000 640.500 1900.000 631.700 2000.000 2095.000 628.500 2095.000 2095.000
 GR 622.500 2100.000 622.500 2105.000 628.300 2110.000 2110.000 628.900 2110.000 2110.000
 GR 633.700 2400.000 639.600 2500.000 643.400 2600.000 2600.000 645.000 2600.000 2600.000
 Sp 1.250 2.150 2.500 0.000 10.000 0.500 0.500 70.000 0.000 0.000
 ET 0.000 3.110 2095.000 2200.000 0.000 0.000 0.000 0.000 0.000 0.000

X1 33371.000 14.000 2095.000 2105.000 81.000 81.000 81.000 0.000 0.000 0.000
 X2 0.000 0.000 1.000 630.900 632.800 0.000 0.000 0.000 0.000 0.000
 X3 10.000 0.000 0.000 0.000 0.000 0.000 0.000 633.800 0.000 0.000
 R1 13.000 1800.000 645.000 1900.000 1900.000 640.600 640.600 2105.000 2105.000 2105.000
 R1 2095.000 2100.000 645.000 2095.000 633.800 630.900 630.900 633.800 633.800 633.800
 R1 653.800 0.000 2200.000 633.300 0.000 2300.000 2300.000 633.200 633.200 633.200
 R1 653.800 0.000 2200.000 633.300 0.000 2300.000 2300.000 633.200 633.200 633.200
 R1 653.800 0.000 2200.000 633.300 0.000 2300.000 2300.000 633.200 633.200 633.200
 GR 645.000 1800.000 640.500 1900.000 631.700 2000.000 2000.000 628.500 2095.000 2095.000
 GR 622.500 2100.000 622.500 2105.000 628.300 2105.000 2105.000 628.900 2110.000 2110.000
 GR 633.700 2400.000 639.600 2500.000 643.400 2600.000 2600.000 645.000 2600.000 2600.000
 ET 0.000 0.000 0.000 0.000 9.100 0.000 0.000 0.000 0.000 0.000
 ET 0.000 5.100 2095.000 2160.000 0.000 0.000 0.000 0.000 0.000 0.000

<-SURVEYED SECTION

X1 33420.000 14.000 2090.000 2108.000 49.000 49.000 49.000 0.000 0.000 0.000
 GR 645.000 1800.000 640.500 1900.000 631.700 2000.000 2000.000 628.500 2090.000 2090.000
 GR 622.500 2100.000 622.500 2106.000 628.300 2108.000 2108.000 628.900 2100.000 2100.000
 GR 633.700 2400.000 639.600 2500.000 643.400 2600.000 2600.000 645.000 2600.000 2600.000
 R1 2.000 0.000 980.000 980.000 410.000 790.000 790.000 1520.000 1520.000 1520.000
 ET 0.000 0.000 0.000 0.000 9.100 9.100 9.100 880.000 1110.000 1110.000
 ET 0.000 5.100 2090.000 2160.000 0.000 0.000 0.000 0.000 0.000 0.000

<-IOPC SECTION

X1 33700.000 11.000 991.000 1008.000 280.000 280.000 280.000 0.000 0.000 0.000
 GR 637.000 700.000 635.000 725.000 630.000 795.000 795.000 628.700 991.000 991.000
 GR 625.500 1000.000 625.500 1006.000 625.600 1008.000 1008.000 630.000 1020.000 1020.000
 GR 637.000 1110.000 637.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
 ET 0.000 3.100 930.000 1030.000 0.000 0.000 0.000 0.000 0.000 0.000

<-IOPC SECTION

X1 34200.000 9.000 992.000 1007.000 500.000 500.000 500.000 0.000 0.000 0.000
 GR 640.000 930.000 635.000 970.000 632.000 992.000 992.000 628.400 996.000 996.000
 GR 628.500 1005.000 628.500 1007.000 635.000 1060.000 1060.000 640.000 1260.000 1260.000
 ET 0.000 3.100 975.000 1050.000 0.000 0.000 0.000 0.000 0.000 0.000

<-IOPC SECTION

X1 34300.000 9.000 993.000 1007.000 180.000 180.000 180.000 0.000 0.000 0.000
 GR 640.000 930.000 635.000 970.000 633.000 993.000 993.000 625.500 996.000 996.000
 GR 625.500 1005.000 625.500 1007.000 635.000 1060.000 1060.000 640.000 1260.000 1260.000
 R1 8.000 930.000 8.000 930.000 380.000 760.000 760.000 530.000 1460.000 1460.000
 ET 0.000 3.100 1450.000 1525.000 0.000 0.000 0.000 0.000 0.000 0.000

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

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

GUNN, CR.

SUMMARY-PRIN11001

SECTO	CPSEL	EG	ELLC	ELMIN	10K*5	C
19625.000	578.14	578.41	0.00	567.80	25.98	2180.00
19625.000	578.65	575.19	0.00	567.80	57.26	2180.00
20670.000	581.97	582.94	0.00	573.90	72.62	2180.00
20670.000	582.82	583.46	0.00	573.90	44.04	2180.00
22375.000	590.76	591.02	0.00	582.90	52.38	2180.00
22375.000	590.74	591.18	0.00	582.90	46.11	2180.00
23440.000	595.66	596.27	0.00	588.60	80.56	2070.00
23440.000	596.36	596.95	0.00	588.60	63.64	2070.00
24455.000	595.86	597.95	0.00	588.60	175.58	2070.00
* 24455.000	595.86	597.95	0.00	588.60	178.15	2070.00
23462.000	597.31	598.26	0.00	588.60	65.09	2070.00
23462.000	597.27	598.25	0.00	588.60	71.95	2070.00
23475.000	598.35	598.84	0.00	588.60	10.24	2070.00
23475.000	598.21	598.45	0.00	588.60	20.67	2070.00
24000.000	599.28	599.56	0.00	590.80	41.86	2070.00
24000.000	599.64	599.89	0.00	590.80	25.85	2070.00
25110.000	602.56	602.70	0.00	595.70	24.79	2000.00
25110.000	602.97	603.24	0.00	595.70	55.85	2000.00
25216.000	602.05	602.45	0.00	595.60	109.89	2000.00
25216.000	602.91	604.39	0.00	595.60	153.49	2000.00
25440.000	602.66	604.75	605.50	596.50	189.17	2000.00
25440.000	603.26	604.99	605.50	596.50	167.18	2000.00
25550.000	605.41	605.55	0.00	596.80	15.65	1980.00
25550.000	605.57	605.85	0.00	596.80	24.56	1980.00
26000.000	606.06	606.15	0.00	597.80	10.26	1980.00
26000.000	606.65	606.88	0.00	597.80	20.87	1980.00

SECNO	CASEL	EO	ELLC	ELFIN	10K*5	6
26220.000	606.20	606.78	0.00	598.60	60.20	1890.00
26220.000	607.15	607.51	0.00	598.60	33.85	1890.00
26237.000	606.50	606.50	0.00	598.40	27.67	1890.00
26237.000	607.31	607.55	0.00	598.46	20.37	1890.00
26260.000	606.61	606.55	610.70	598.40	26.81	1890.00
26260.000	607.35	607.61	610.70	598.40	20.01	1890.00
26320.000	606.39	607.46	0.00	598.60	85.88	1890.00
26320.000	607.18	608.00	0.00	598.60	58.55	1890.00
27450.000	610.87	610.50	0.00	600.40	17.54	1730.00
27450.000	611.25	611.01	0.00	600.40	16.61	1730.00
29900.000	614.42	614.59	0.00	606.10	16.47	1170.00
29900.000	615.22	615.45	0.00	606.10	16.00	1170.00
30925.000	617.50	617.75	0.00	611.40	143.24	1140.00
30925.000	618.08	619.03	0.00	611.40	99.58	1140.00
30975.000	617.72	620.37	0.00	611.70	354.18	1140.00
30975.000	618.07	620.45	0.00	611.70	339.08	1140.00
31025.000	619.19	621.09	619.00	612.00	239.48	1140.00
31025.000	619.63	621.34	619.00	612.00	194.47	1140.00
31075.000	621.35	621.68	0.00	612.80	25.29	1140.00
31075.000	621.50	621.58	0.00	612.80	03.05	1140.00
31125.000	621.52	621.78	0.00	613.75	28.48	1070.00
31125.000	621.82	622.22	0.00	613.70	34.82	1070.00
31250.000	621.80	622.30	0.00	614.30	47.00	1070.00
31250.000	622.25	622.75	0.00	614.30	45.25	1070.00
31750.000	624.00	624.21	0.00	616.80	29.96	1070.00
31750.000	624.57	624.51	0.00	616.80	40.09	1070.00
32250.000	626.06	626.50	0.00	619.20	76.75	1070.00
32250.000	626.65	627.20	0.00	619.20	60.90	1070.00
32330.000	626.60	627.79	0.00	619.40	118.66	1070.00
32330.000	627.34	628.00	0.00	619.90	64.02	1070.00
32600.000	628.23	629.01	0.00	620.50	26.17	1010.00
32600.000	628.90	629.20	0.00	620.50	29.05	1010.00
33240.000	630.62	631.27	0.00	622.50	60.12	1010.00
33240.000	631.10	631.67	0.00	622.50	48.30	1010.00
33290.000	630.67	631.55	0.00	622.50	130.30	1010.00
33290.000	631.17	632.16	0.00	622.50	98.37	1010.00
33371.000	633.09	633.96	630.90	623.50	16.27	1010.00
33371.000	634.40	634.62	630.90	623.50	26.26	1010.00

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SECA	CH9FL	FB	RLIC	ELMIN	10K+S	6
33420.000	633.94	630.04	0.00	624.00	9.03	1010.00
33420.000	634.54	634.71	0.00	624.00	11.24	1010.00
33700.000	634.23	634.30	0.00	625.50	9.46	980.00
33700.000	634.93	635.04	0.00	625.50	11.97	980.00
34200.000	634.96	635.53	0.00	628.30	77.06	980.00
34200.000	635.79	636.17	0.00	628.30	43.07	980.00
34300.000	636.30	637.35	0.00	629.30	106.44	980.00
34300.000	636.51	637.57	0.00	629.30	95.67	980.00
34450.000	637.14	638.09	0.00	630.10	98.46	930.00
34450.000	637.29	638.27	0.00	630.10	94.78	930.00
34750.000	640.56	640.97	0.00	634.20	86.55	930.00
34750.000	640.76	641.53	0.00	634.20	122.84	930.00
35230.000	643.60	643.82	0.00	636.40	41.84	900.00
35230.000	644.60	644.89	0.00	636.40	42.45	900.00

6000 CR

SUMMARY FAINJOUT

SECNO	UNSEL	SSIA	STCRL	STCHH	ENDST	10FWD
18625.000	578.14	753.94	590.00	1012.00	1075.12	321.18
18625.000	578.65	590.00	590.00	1012.00	1015.00	115.00
20670.000	581.97	551.75	587.00	1012.00	1079.11	127.36
20670.000	582.82	555.00	587.00	1012.00	1070.00	115.00
22375.000	590.76	1215.31	1359.00	1362.00	1453.36	238.05
22375.000	590.74	1215.00	1359.00	1362.00	1365.00	110.00
22440.000	595.66	1353.74	1471.00	1469.00	1527.46	193.72
22440.000	596.36	1400.00	1471.00	1469.00	1505.00	105.00
* 22455.000	595.86	1457.12	1471.00	1469.00	1523.46	66.34
* 22455.000	595.80	1457.00	1471.00	1469.00	1523.00	65.94
22462.000	597.57	1284.79	1471.00	1489.00	1524.16	108.54
22462.000	597.27	1457.00	1471.00	1489.00	1523.00	66.00
22475.000	599.35	1262.35	1471.00	1469.00	1583.07	280.72
22475.000	599.21	1390.00	1471.00	1469.00	1500.00	110.00
24000.000	599.28	1267.26	1375.00	1354.00	1431.47	264.21
24000.000	599.84	1315.00	1375.00	1354.00	1465.00	150.00
25110.000	602.56	1550.00	1600.00	1701.00	1830.00	240.00
25110.000	602.97	1600.00	1600.00	1701.00	1750.00	150.00
25216.000	602.05	1631.00	1631.00	1859.00	1859.00	28.00
25216.000	602.91	1631.00	1631.00	1859.00	1859.00	28.00
25440.000	602.67	1631.00	1631.00	1859.00	1859.00	28.00
25440.000	603.26	1631.00	1631.00	1859.00	1859.00	28.00
25550.000	605.41	524.00	508.00	1010.00	1070.00	150.00
25550.000	605.57	556.00	508.00	1010.00	1036.00	100.00
26000.000	606.06	800.00	508.00	1010.00	1140.00	300.00
26000.000	606.65	935.00	508.00	1010.00	1045.00	110.00
26220.000	606.20	1525.00	1558.00	1560.00	1625.00	100.00
26220.000	607.13	1525.00	1558.00	1560.00	1625.00	100.00
26237.000	606.58	1522.00	1522.00	1597.00	1597.00	75.00
26237.000	607.31	1522.00	1522.00	1597.00	1597.00	75.00
26268.000	606.61	1522.00	1522.00	1597.00	1597.00	75.00
26268.000	607.35	1522.00	1522.00	1597.00	1597.00	75.00
26320.000	606.39	1495.14	1558.00	1580.00	1645.00	149.82
26320.000	607.10	1510.00	1558.00	1580.00	1595.00	85.00
27450.000	610.87	1211.03	1345.00	1360.00	1543.52	331.69
27450.000	611.23	1270.00	1345.00	1360.00	1350.00	110.00

505.500
1400.000
507.300
1500.000

SECD	CASEL	SSJA	SICL	SICR	CAOST	TOPID
25900.000	614.42	1298.52	1438.00	1436.00	1601.84	312.32
28900.000	615.22	1305.00	1418.00	1436.00	1460.00	95.00
30925.000	617.50	1420.00	1447.00	1459.00	1550.00	130.00
30925.000	618.08	1415.00	1447.00	1459.00	1480.00	65.00
30975.000	617.72	1447.00	1447.00	1461.50	1461.50	14.50
30975.000	618.07	1447.00	1447.00	1461.50	1461.50	14.50
* 31025.000	619.18	1447.00	1447.00	1461.50	1461.50	14.50
* 31025.000	619.83	1447.00	1447.00	1461.50	1461.50	14.50
31075.000	621.45	1440.00	1447.00	1459.00	1510.00	110.00
31075.000	621.38	1425.00	1447.00	1459.00	1480.00	55.00
31125.000	623.52	1372.79	1447.00	1459.00	1608.86	236.07
31125.000	621.82	1410.00	1447.00	1459.00	1480.00	70.00
31250.000	623.86	1387.00	1447.00	1459.00	1557.85	170.84
31250.000	622.25	1410.00	1447.00	1459.00	1480.00	70.00
31750.000	624.04	1254.45	1447.00	1459.00	1524.91	270.46
31750.000	624.57	1400.00	1447.00	1459.00	1480.00	60.00
32230.000	626.85	1345.51	1447.00	1459.00	1529.61	209.70
32230.000	626.85	1395.00	1447.00	1459.00	1485.00	90.00
32330.000	626.60	1417.22	1480.00	1496.00	1515.35	102.13
32330.000	627.36	1425.00	1400.00	1496.00	1515.00	90.00
32600.000	628.83	893.71	991.00	1008.00	1067.57	176.27
32600.000	628.90	945.00	991.00	1008.00	1030.00	85.00
33240.000	630.62	2028.70	2090.00	2108.00	2239.91	213.21
33240.000	631.10	2070.00	2090.00	2108.00	2200.00	130.00
33250.000	630.67	2050.65	2095.00	2105.00	2241.12	210.45
33250.000	631.17	2065.00	2095.00	2105.00	2200.00	135.00
* 33371.000	633.89	1975.11	2095.00	2105.00	2403.23	428.12
33371.000	634.40	2065.00	2095.00	2105.00	2200.00	135.00
33420.000	633.94	1974.55	2090.00	2108.00	2404.05	429.50
33420.000	634.54	2050.00	2090.00	2108.00	2160.00	110.00
33700.000	630.23	880.00	991.00	1008.00	1070.74	190.74
33700.000	634.91	530.00	991.00	1008.00	1030.00	100.00
34200.000	634.90	861.43	992.00	1007.00	1069.10	227.72
34200.000	635.79	930.00	992.00	1007.00	1030.00	100.00
34380.000	636.30	950.61	993.00	1007.00	1111.93	152.32
34380.000	636.51	975.00	993.00	1007.00	1050.00	75.00
34450.000	637.14	1445.04	1471.00	1485.00	1642.50	197.51
34450.000	637.29	1450.00	1471.00	1485.00	1525.00	75.00

SECNO	CWSEL	SSIA	STCHL	STCHK	ENDSI	TUOPK10
28900.000	610.42	1268.52	1418.00	1436.00	1601.84	313.42
29900.000	615.22	1365.00	1416.00	1436.00	1460.00	95.00
30925.000	617.50	1420.00	1447.00	1459.00	1550.00	130.00
30925.000	618.08	1415.00	1447.00	1459.00	1480.00	65.00
30975.000	617.72	1407.00	1447.00	1461.50	1461.50	14.50
30975.000	618.07	1447.00	1447.00	1461.50	1461.50	14.50
31025.000	619.16	1447.00	1447.00	1461.50	1461.50	14.50
31025.000	619.83	1447.00	1447.00	1461.50	1461.50	14.50
31075.000	621.35	1400.00	1447.00	1459.00	1510.00	110.00
31075.000	621.38	1425.00	1447.00	1459.00	1480.00	55.00
31125.000	621.52	1372.79	1447.00	1459.00	1608.86	236.07
31125.000	621.62	1410.00	1447.00	1459.00	1480.00	70.00
31250.000	621.86	1307.00	1447.00	1459.00	1557.85	110.84
31250.000	622.25	1410.00	1447.00	1459.00	1480.00	70.00
31750.000	624.04	1259.45	1447.00	1459.00	1524.51	270.46
31750.000	620.57	1400.00	1447.00	1459.00	1480.00	60.00
32230.000	626.00	1319.51	1447.00	1459.00	1525.61	205.70
32230.000	626.65	1395.00	1447.00	1459.00	1480.00	90.00
32330.000	626.60	1417.22	1440.00	1446.00	1515.75	102.13
32330.000	627.36	1425.00	1460.00	1446.00	1515.00	90.00
32600.000	628.85	851.71	541.00	1008.00	1067.97	176.27
32600.000	628.90	945.00	541.00	1008.00	1030.00	85.00
32800.000	630.62	2021.70	2090.00	2108.00	2235.91	211.21
32800.000	631.10	2070.00	2090.00	2108.00	2200.00	130.00
32850.000	630.67	2030.85	2095.00	2105.00	2241.12	210.49
32850.000	631.17	2065.00	2095.00	2105.00	2200.00	135.00
33371.000	635.89	1575.11	2095.00	2105.00	2403.25	428.12
33371.000	634.00	2105.00	2095.00	2105.00	2200.00	135.00
33420.000	634.94	1574.55	2090.00	2108.00	2404.05	429.50
33420.000	634.54	2090.00	2090.00	2108.00	2160.00	110.00
33700.000	634.25	800.00	541.00	1008.00	1076.74	190.74
33700.000	634.01	930.00	541.00	1008.00	1030.00	100.00
34200.000	634.45	801.45	992.00	1007.00	1065.10	227.72
34200.000	635.75	930.00	992.00	1007.00	1030.00	100.00
34500.000	636.30	656.61	543.00	1007.00	1111.93	152.32
34500.000	636.51	975.00	543.00	1007.00	1050.00	75.00
34450.000	637.13	1045.04	1471.00	1485.00	1642.50	157.51
34450.000	637.29	1490.00	1471.00	1485.00	1525.00	75.00

SECD	CPSEL	SS1A	STCHL	STCHK	ENDST	TOPKID
34750.000	640.56	896.65	595.00	1005.00	1210.04	313.24
34750.000	640.76	955.00	995.00	1005.00	1030.00	75.00
35230.000	643.64	1305.02	1474.00	1482.00	1613.51	228.49
35230.000	644.60	1430.00	1474.00	1482.00	1505.00	75.00

SUMMARY OF ERRORS

CAUTION SECD=23455.000 PROFILE= 1 CRITICAL DEPTH ASSUMED
 CAUTION SECD=23455.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECD=23455.000 PROFILE= 1 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECD=23455.000 PROFILE= 2 CRITICAL DEPTH ASSUMED
 CAUTION SECD=23455.000 PROFILE= 2 PROBABLE MINIMUM SPECIFIC ENERGY
 CAUTION SECD=23455.000 PROFILE= 2 20 TRIALS ATTEMPTED TO BALANCE WSEL
 CAUTION SECD=31025.000 PROFILE= 1 HYDRAULIC JUMP D.S.
 CAUTION SECD=31025.000 PROFILE= 2 HYDRAULIC JUMP D.S.
 CAUTION SECD=33371.000 PROFILE= 1 HYDRAULIC JUMP D.S.

CR 507.300 1400.000 505.500 1500.000 503.200 1580.000 495.300 1587.000 495.200 1589.000
 507.300 1400.000 505.500 1500.000 503.200 1580.000 495.300 1587.000 495.200 1589.000

FLOODWAY DATA, GURN CR
 PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA	MEAN VELOCITY	WATER SURFACE ELEVATION		DIFFERENCE
				WITH FLOODWAY	WITHOUT FLOODWAY	
19625.000	115.	575.	3.8	570.6	570.1	0.5
20670.000	115.	512.	4.3	582.0	582.0	0.0
22575.000	110.	582.	3.7	590.6	590.6	0.0
23440.000	105.	502.	4.1	596.4	595.7	0.7
23455.000	60.	254.	8.2	595.9	595.9	0.0
23462.000	60.	345.	6.0	597.4	597.4	0.0
23475.000	110.	715.	2.9	595.3	595.3	0.0
24000.000	150.	725.	2.9	595.7	595.3	0.4
25110.000	150.	655.	3.0	603.0	602.6	0.4
25215.000	24.	205.	9.8	602.0	602.1	0.9
25440.000	24.	189.	10.6	603.3	602.7	0.6
25550.000	100.	616.	3.2	605.6	605.4	0.2
26000.000	110.	670.	2.9	606.7	606.1	0.6
26220.000	100.	516.	3.7	607.1	606.2	0.9
26237.000	75.	459.	4.1	607.4	606.6	0.8
26268.000	75.	461.	4.1	607.3	606.6	0.7
26320.000	85.	420.	4.4	607.2	606.4	0.8
27450.000	110.	602.	2.2	611.3	610.9	0.4
29000.000	95.	586.	2.0	615.2	614.4	0.8
30425.000	65.	286.	4.0	616.1	617.5	0.6
30975.000	14.	62.	12.4	616.0	617.7	0.3
31025.000	14.	114.	10.0	619.0	619.2	0.6
31075.000	55.	570.	3.1	621.4	621.4	0.0
31125.000	70.	405.	2.5	621.6	621.5	0.3
31250.000	70.	567.	2.9	622.5	621.9	0.4
31750.000	86.	401.	2.7	624.5	624.0	0.5
32230.000	90.	564.	2.9	624.9	626.1	0.8
32330.000	90.	294.	3.6	627.4	626.6	0.8
32600.000	45.	588.	2.5	628.9	628.8	0.1
33240.000	130.	424.	2.4	631.1	630.6	0.5
33250.000	135.	410.	2.5	631.2	630.7	0.5
33371.000	135.	622.	1.2	634.0	633.9	0.5
33420.000	110.	703.	1.0	634.5	633.9	0.6
33700.000	106.	560.	1.7	634.9	634.2	0.7
34200.000	100.	375.	2.6	635.8	635.0	0.8
34350.000	75.	269.	3.6	636.5	636.3	0.2
34450.000	75.	261.	3.6	637.3	637.1	0.2
34750.000	75.	267.	3.5	640.6	640.6	0.0
35230.000	75.	465.	2.2	644.6	643.6	1.0

J K L M N P Q R S T U V W

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

STOP
EOF

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