

Boyd

Branch

826 79  
Bdf

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 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77  
 ERROR CORR - 01,02  
 MODIFICATION - 50,51,52,53  
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C  
 11 BURLINGTON-GRAHAM, ALAMANCE CO NC FIS  
 12 10 YR NATURAL  
 13 RDYD BRANCH

11 ICHECK LMO NIVY IOIK SIRI MEIRIC HVINS 0 KSEL FO  
 0 2 0 0 0 0 0 0 0 0 502.600 0.000

12 NPROF IPILOT PREVS XSECV XSECH FN ALLDC IBA CHNIM IIRACE  
 1.000 0.000 -1.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

13 VARIABLE CODES FOR SUMMARY PRINTOUT

38.000 1.000 3.000 42.000 41.000 10.000 4.000 0.000 38.000 1.000  
 13.000 14.000 15.000 55.000 26.000 56.000 0.000 38.000 1.000 53.000  
 21.000 22.000 54.000 4.000 0.000 150.000 201.000 0.000 0.000

NC 0.090 0.070 0.060 0.200 0.400 0.000 0.000 0.000 0.000 0.000  
 QT 6.000 2300.000 5010.000 3350.000 4300.000 3350.000 0.000 0.000 0.000 0.000

XXX SIA 20620 LITTLE ALAMANCE CR XXX

XJ 0.100 17.000 1534.000 1561.000 0.000 0.000 0.000 0.000 0.000 0.000  
 GR 530.000 1115.000 525.000 1170.000 520.000 1230.000 1370.000 510.000 1510.000  
 GR 505.700 1527.000 501.200 1534.000 496.600 1536.000 1548.000 497.000 1558.000  
 GR 501.900 1561.000 507.300 1568.000 510.000 1615.000 1735.000 520.000 1775.000  
 GR 525.000 1825.000 530.000 1865.000 0.000 0.000 0.000 0.000 0.000

X1 0.200 0.000 0.000 0.000 1.000 1.000 0.000 0.000 0.000 0.000

X1 0.300 0.000 0.000 0.000 1.000 1.000 0.000 0.000 0.000 0.000

X1 0.400 0.000 0.000 0.000 3.000 3.000 0.000 0.000 0.000 0.000

X1 0.500 0.000 0.000 0.000 5.000 5.000 0.000 0.000 0.000 0.000

X1 0.600 0.000 0.000 0.000 5.000 5.000 0.000 0.000 0.000 0.000

XXX CONFLUENCE - RDYD BRANCH XXX

X1 0.700 0.000 0.000 0.000 5.000 5.000 0.000 0.000 0.000 0.000





X1	1562.000	16.000	1223.000	1246.000	50.000	50.000	50.000	0.000	0.400	0.000
GR	530.000	1000.000	525.000	1060.000	520.000	1120.000	515.000	1205.000	1512.500	1208.000
GR	508.200	1223.000	504.300	1229.000	503.300	1237.000	1504.200	1239.000	1504.500	1240.000
GR	506.700	1246.000	511.200	1251.000	515.000	1270.000	520.000	1370.000	525.000	1510.000
GR	530.000	1535.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1570.000	1670.000

XXX SURV SEC ABB-3 XXX

X1	1690.000	20.000	1563.000	1606.000	128.000	128.000	128.000	0.000	0.000	0.000
GR	546.100	1000.000	542.100	1100.000	538.900	1200.000	533.600	1300.000	521.500	1400.000
GR	514.600	1500.000	513.500	1568.000	507.400	1563.000	505.500	1589.000	504.500	1597.000
GR	505.400	1599.000	505.700	1600.000	507.900	1606.000	512.400	1611.000	512.800	1700.000
GR	518.300	1800.000	526.700	1900.000	531.300	1992.000	532.000	2000.000	535.900	2100.000
ET	6.000	1190.000	1890.000	2230.000	3160.000	2230.000	2230.000	0.000	6.000	6.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1224.000	1261.000

XXX SURV SEC ABB-4 DAP IS WASHED OUT XXX

X1	1940.000	14.000	1225.000	1255.000	250.000	100.000	250.000	0.000	0.000	0.000
GR	538.300	1000.000	526.700	1100.000	522.700	1130.000	526.500	1200.000	526.400	1218.000
GR	508.500	1225.000	506.300	1230.000	506.000	1239.000	506.400	1252.000	508.700	1255.000
GR	526.300	1269.000	524.900	1300.000	527.100	1400.000	527.000	1500.000	529.600	1600.000
GR	533.900	1700.000	536.900	1800.000	539.800	1900.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1100.000	1275.000

XXX TUPO SEC ABB-4A ACROSS DRY LAKE BED XXX

X1	2150.000	10.000	1225.000	1255.000	210.000	210.000	210.000	0.000	0.000	0.000
GR	530.000	800.000	515.000	1020.000	510.000	1100.000	510.000	1225.000	506.000	1228.000
GR	506.000	1250.000	508.500	1255.000	511.000	1280.000	515.000	1312.000	530.000	1370.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	906.000	1075.000

\*\*\* TUPO SECTION RIGHT OR MOREFT. BEYOND 1160

X1	2450.000	10.000	987.000	1016.000	300.000	300.000	300.000	0.000	0.000	0.000
GR	530.000	620.000	525.000	760.000	515.000	850.000	514.000	970.000	511.500	987.000
GR	508.200	1000.000	508.200	1005.000	511.500	1016.000	513.500	1030.000	515.000	1160.000
ET	6.000	1130.000	1800.000	2130.000	3000.000	2130.000	2130.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	165.000	340.000

XXX TUPO SEL ABB-4H XXX

X1	3230.000	18.000	292.000	307.000	780.000	780.000	780.000	0.000	0.000	0.000
GR	545.000	0.000	540.000	540.000	535.000	550.000	540.000	40.000	520.000	150.000
GR	519.000	215.000	520.000	275.000	514.900	292.000	512.300	297.000	511.200	300.000
GR	512.200	304.000	515.100	307.000	518.500	335.000	523.000	370.000	530.000	410.000
GR	535.000	435.000	540.000	450.000	545.000	535.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	180.000	345.000

XXX TUPO SEC ABB-4C XXX

X1	3620.000	14.000	327.000	342.000	390.000	390.000	390.000	0.000	0.000	0.000
GR	545.000	0.000	540.000	30.000	535.000	60.000	530.000	75.000	523.000	140.000
GR	522.000	200.000	522.000	230.000	523.000	300.000	516.400	327.000	513.800	332.000
GR	512.700	335.000	513.700	339.000	516.600	348.000	528.000	365.000	530.000	428.000
GR	535.000	450.000	540.000	480.000	545.000	520.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1310.000	1440.000



XXX SURV SEC ARR-5 XXX

X1	3910.000	15.000	1407.000	1422.000	290.000	290.000	290.000	290.000	0.000	0.000	0.000	0.000
GR	550.500	1000.000	545.700	1100.000	525.800	1200.000	521.500	1300.000	521.500	1300.000	521.500	1400.000
GR	517.600	1407.000	515.000	1412.000	513.900	1415.000	510.900	1419.000	517.800	1419.000	517.800	1422.000
GR	523.400	1430.000	522.900	1500.000	537.500	1550.000	546.700	1600.000	551.900	1600.000	551.900	1600.000
E1	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	0.000	0.000	1310.000	1440.000
X1	3911.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.000	0.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	0.000	0.000	1310.000	1440.000
X1	3920.000	0.000	0.000	0.000	9.000	9.000	9.000	9.000	0.000	0.000	0.100	0.000
E1	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	0.000	0.000	1310.000	1440.000
X1	3950.000	0.000	0.000	0.000	30.000	30.000	30.000	30.000	0.000	0.000	0.300	0.000
NC	0.090	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	0.000	0.000	1350.000	1450.000

\*\*\* INTERPOLATED SECTION

X1	4210.000	13.000	1402.000	1420.000	210.000	210.000	210.000	210.000	0.000	0.000	0.000	0.000
GR	552.000	1025.000	545.000	1130.000	530.000	1220.000	527.000	1320.000	524.000	1320.000	524.000	1395.000
GR	520.000	1402.000	514.000	1400.000	515.000	1414.000	519.000	1420.000	524.000	1420.000	524.000	1425.000
GR	525.000	1475.000	542.000	1545.000	530.000	1660.000	0.000	0.000	0.000	0.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	0.000	0.000	1320.000	1403.000
X1	4500.000	16.000	1353.000	1370.000	250.000	250.000	250.000	250.000	0.000	0.000	0.000	0.000
GR	556.300	1000.000	544.000	1100.000	538.300	1200.000	531.100	1300.000	525.300	1300.000	525.300	1344.000
GR	521.100	1353.000	519.000	1357.000	518.700	1362.000	515.400	1366.000	521.000	1366.000	521.000	1370.000
GR	524.500	1376.000	527.800	1400.000	536.400	1450.000	541.200	1500.000	548.500	1500.000	548.500	1600.000
GR	553.900	1600.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	0.000	0.000	1225.000	1295.000
X1	5427.000	16.000	1240.000	1260.000	1927.000	1927.000	1927.000	1927.000	0.000	0.000	0.000	0.000
GR	569.800	1000.000	559.400	1100.000	546.100	1200.000	538.400	1236.000	537.300	1236.000	537.300	1240.000
GR	535.600	1242.000	535.300	1250.000	535.800	1257.000	534.000	1260.000	546.400	1260.000	546.400	1262.000
GR	541.200	1300.000	549.000	1400.000	555.700	1500.000	563.000	1600.000	567.900	1600.000	567.900	1700.000
GR	570.500	1600.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	0.000	0.000	1435.000	1465.000

XXX SURV SEC ARR-7 INTERSTATE SERVICE ROAD XXX

X1	6477.000	13.000	1435.000	1465.000	50.000	50.000	50.000	50.000	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	543.000	0.000
GR	565.600	1200.000	555.200	1300.000	541.900	1400.000	535.300	1425.000	531.400	1425.000	531.400	1435.000
GR	531.400	1464.900	534.000	1465.000	537.000	1500.000	534.800	1600.000	551.500	1600.000	551.500	1700.000
GR	558.200	1600.000	563.700	1900.000	566.300	2000.000	0.000	0.000	0.000	0.000	0.000	0.000
E1	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	0.000	0.000	1435.000	1465.000
Sp	1.250	1.630	2.500	0.000	30.500	1.500	232.000	0.000	0.000	0.000	531.900	1531.400
X1	6543.000	0.000	0.000	0.000	66.000	66.000	66.000	66.000	0.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	539.400	546.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	547.000	0.000
BT	15.000	1200.000	565.500	0.000	1300.000	555.200	0.000	1338.000	550.400	1338.000	550.400	0.000









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 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77  
 ERROR CORR - 01.02  
 MODIFICATION - 50.51,52,53  
 \*\*\*\*\*

11 500 YR  
 12 8000 BR

J1	ICHECK	INO	NINV	IOIR	SIRT	METRIC	HVINS	G	WSEL	FG
0.	5.	0.	0.	0.000000	0.00	0.0	0.0	0.	506.000	0.000

J2	NPROF	IPLDT	PREVS	XSECV	XSECH	FM	ALLDC	IRK	CHWIN	ITRACE
15.000	0.000	-1.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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 HEC2 RELEASE DATED NOV 76 UPDATED AUG 77  
 ERROR CORR - 01.02  
 MODIFICATION - 50.51,52,53  
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NOTE - ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

BOYD BRANCH

SUMMARY PRINTOUT

SECNO	CWSEL	EG	ELMIN	ELLC	HV	TOPWID
*	0.100	502.63	495.00	0.00	2.99	30.16
*	0.100	503.89	495.00	0.00	3.45	31.76
*	0.100	504.50	495.00	0.00	3.59	35.50
*	0.100	505.01	495.00	0.00	3.97	40.56
	0.200	503.65	495.00	0.00	2.16	31.08
	0.200	505.10	495.00	0.00	2.46	37.21
	0.200	505.66	495.00	0.00	2.64	38.79
	0.200	507.46	495.00	0.00	2.78	50.84
	0.300	503.75	495.00	0.00	2.10	33.37
	0.300	505.19	495.00	0.00	2.40	37.47
	0.300	505.79	495.00	0.00	2.55	39.38
	0.500	501.55	495.00	0.00	2.72	52.61
	0.400	503.97	495.00	0.00	1.97	32.99
	0.400	505.40	495.00	0.00	2.28	38.07
	0.400	506.02	495.00	0.00	2.40	40.64
	0.400	507.77	495.00	0.00	2.58	57.37
	0.500	504.22	495.00	0.00	1.83	34.72
	0.500	505.65	495.00	0.00	2.13	38.80
	0.500	506.29	495.00	0.00	2.24	42.05
	0.500	508.05	495.00	0.00	2.40	63.36
	0.600	504.42	495.00	0.00	1.73	35.29
	0.600	505.86	495.00	0.00	2.02	39.79
	0.600	506.50	495.00	0.00	2.13	43.13
	0.600	508.27	495.00	0.00	2.27	68.09
	0.700	504.59	495.00	0.00	1.65	35.76
	0.700	506.04	495.00	0.00	1.93	40.71
	0.700	506.68	495.00	0.00	2.04	44.06
	0.700	508.46	495.00	0.00	2.16	72.19
200.000	507.34	507.55	496.50	0.00	0.21	298.84
200.000	508.94	509.09	496.50	0.00	0.15	342.75
200.000	509.64	509.76	496.50	0.00	0.13	378.59
200.000	511.41	511.50	496.50	0.00	0.09	470.76



SECNO. CMSEL ES ELMIN ELLC HV TOPAID

210.000	507.16	507.57	496.50	0.00	0.21	303.42
210.000	508.96	509.10	496.50	0.00	0.14	343.95
210.000	509.66	509.77	496.50	0.00	0.12	379.67
210.000	511.42	511.50	496.50	0.00	0.08	471.51
220.000	507.37	507.58	496.50	0.00	0.20	305.61
220.000	508.97	509.11	496.50	0.00	0.14	344.43
220.000	509.66	509.78	496.50	0.00	0.12	380.11
220.000	511.43	511.51	496.50	0.00	0.08	471.81
500.000	507.65	508.04	498.00	0.00	0.40	43.20
500.000	509.07	509.63	498.00	0.00	0.55	176.85
500.000	509.72	510.25	498.00	0.00	0.53	184.14
500.000	511.45	511.85	498.00	0.00	0.41	232.95
1438.000	510.53	511.41	503.00	0.00	0.88	38.98
1438.000	512.31	513.45	503.00	0.00	1.14	50.38
1438.000	512.82	514.14	503.00	0.00	1.33	53.48
1438.000	513.79	515.73	503.00	0.00	1.94	59.42
1488.000	511.19	511.76	503.30	0.00	0.56	34.56
1488.000	512.98	513.81	503.30	0.00	0.83	35.00
1488.000	513.54	514.53	503.30	0.00	1.00	35.00
1488.000	514.70	516.24	503.30	0.00	1.54	35.00
1512.000	511.20	511.81	503.30	515.20	0.55	34.61
1512.000	513.09	513.90	503.30	515.20	0.81	35.00
1512.000	513.68	514.64	503.30	515.20	0.96	35.00
1512.000	515.64	516.91	503.30	515.20	1.27	35.00
1562.000	511.42	512.24	503.70	0.00	0.83	39.64
1562.000	513.26	514.23	503.70	0.00	1.07	51.93
1562.000	513.89	515.09	503.70	0.00	1.20	55.75
1562.000	515.97	517.24	503.70	0.00	1.26	86.27
1690.000	512.51	513.25	504.50	0.00	0.74	64.85
1690.000	514.69	515.15	504.50	0.00	0.46	235.83
1690.000	515.51	515.86	504.50	0.00	0.35	262.89
1690.000	517.64	517.82	504.50	0.00	0.18	333.70
1940.000	514.08	514.59	506.00	0.00	0.51	33.71
1940.000	515.52	516.41	506.00	0.00	0.89	55.74
1940.000	516.05	517.12	506.00	0.00	1.09	36.46
1940.000	517.43	518.06	506.00	0.00	1.63	38.43
2150.000	514.83	514.85	506.00	0.00	0.02	287.89
2150.000	516.71	516.74	506.00	0.00	0.02	323.72
2150.000	517.47	517.49	506.00	0.00	0.03	337.71
2150.000	519.49	519.52	506.00	0.00	0.03	375.20
2450.000	514.84	515.28	508.20	0.00	0.44	276.82
2450.000	516.23	516.55	508.20	0.00	0.12	326.46
2450.000	517.58	517.66	508.20	0.00	0.10	333.25
2450.000	519.59	519.65	508.20	0.00	0.07	351.29

SECNO	CMSBL	EG	ELMIN	FLLC	HV	TOPWID
3230.000	519.97	520.47	511.20	0.00	0.51	161.55
3230.000	520.06	521.25	511.20	0.00	1.18	170.93
3230.000	520.46	521.63	511.20	0.00	1.17	190.80
3230.000	521.12	522.39	511.20	0.00	1.27	212.11
3620.000	522.34	522.94	512.70	0.00	0.60	124.48
3620.000	523.90	524.33	512.70	0.00	0.44	225.08
3620.000	524.29	524.73	512.70	0.00	0.44	229.57
3620.000	525.20	525.64	512.70	0.00	0.43	239.50
3910.000	524.31	524.71	513.90	0.00	0.33	235.21
3910.000	525.17	525.43	513.90	0.00	0.26	253.32
3910.000	525.58	525.84	513.90	0.00	0.25	259.56
3910.000	526.50	526.76	513.90	0.00	0.26	273.40
3911.000	523.98	524.32	513.91	0.00	0.34	235.12
3911.000	525.17	525.43	513.91	0.00	0.26	253.23
3911.000	525.58	525.84	513.91	0.00	0.26	259.47
3911.000	526.50	526.76	513.91	0.00	0.25	271.40
3920.000	524.00	524.36	514.01	0.00	0.37	233.94
3920.000	525.19	525.47	514.01	0.00	0.28	252.11
3920.000	525.60	525.87	514.01	0.00	0.27	258.34
3920.000	526.52	526.80	514.01	0.00	0.27	272.28
3950.000	524.06	524.54	514.31	0.00	0.48	230.20
3950.000	525.26	525.60	514.31	0.00	0.34	248.41
3950.000	525.67	526.01	514.31	0.00	0.33	254.73
3950.000	526.60	526.92	514.31	0.00	0.32	268.95
4210.000	525.01	525.56	514.00	0.00	0.55	105.20
4210.000	526.03	526.83	514.00	0.00	0.80	134.71
4210.000	526.42	527.30	514.00	0.00	0.88	146.57
4210.000	527.30	528.33	514.00	0.00	1.03	168.78
4500.000	526.35	527.23	518.70	0.00	0.88	53.39
4500.000	527.77	528.91	518.70	0.00	1.15	74.52
4500.000	528.26	529.54	518.70	0.00	1.25	81.56
4500.000	529.40	530.90	518.70	0.00	1.50	96.42
6427.000	538.74	539.15	531.10	0.00	0.41	105.30
6427.000	540.27	540.69	531.10	0.00	0.42	133.28
6427.000	541.31	541.71	531.10	0.00	0.42	144.48
6427.000	542.26	542.69	531.10	0.00	0.45	170.16
6477.000	538.99	539.37	531.40	0.00	0.30	30.00
6477.000	540.35	541.05	531.40	0.00	0.76	30.00
6477.000	540.82	541.75	531.40	0.00	0.87	30.00
6477.000	541.97	543.36	531.40	0.00	1.39	30.00
6543.000	539.23	539.59	531.40	539.40	0.36	30.00
6543.000	541.30	541.87	531.40	539.40	0.57	30.00
6543.000	542.36	543.01	531.40	539.40	0.65	30.00
6543.000	545.41	546.20	531.40	539.40	0.79	30.00

SECNO	CMSSEL	EG	ELMTN	ELLC	HV	TOPWID
6573.000	539.30	539.75	531.80	0.00	0.45	102.74
6573.000	541.75	542.03	531.80	0.00	0.28	147.49
6573.000	542.96	543.18	531.80	0.00	0.22	170.26
6573.000	546.27	546.38	531.80	0.00	0.11	239.20
6613.000	539.43	540.10	532.40	0.00	0.66	22.00
6613.000	541.49	542.51	532.40	0.00	1.02	22.00
6613.000	542.56	543.68	532.40	0.00	1.12	22.00
6613.000	546.33	546.42	532.40	0.00	0.09	226.43
* 6768.000	537.63	540.10	532.40	539.30	1.20	22.00
* 6768.000	544.55	545.13	532.40	539.30	0.57	22.00
6768.000	547.02	547.56	532.40	539.30	0.54	22.00
6768.000	551.23	551.25	532.40	539.30	0.02	336.24
6818.000	539.85	541.38	534.60	0.00	1.53	39.64
6818.000	545.16	545.33	534.60	0.00	0.17	158.47
6818.000	547.64	547.72	534.60	0.00	0.08	208.40
6818.000	551.23	551.27	534.60	0.00	0.04	287.46
7020.000	542.71	542.93	535.30	0.00	0.22	101.27
7020.000	545.48	545.60	535.30	0.00	0.12	151.53
7020.000	547.77	547.83	535.30	0.00	0.06	196.82
7020.000	551.29	551.32	535.30	0.00	0.03	272.89



6000 BRANCH

SUMMARY PRINTOUT

SECNO	CASSEL	BLOR	GCH	UR08	VLO8	VCH	VR08
0.100	502.63	3.57	2295.82	0.61	2.26	13.90	1.70
0.100	503.89	18.40	2983.13	8.47	3.27	14.37	3.30
0.100	504.50	30.80	3302.42	16.78	3.64	15.31	3.83
0.100	506.01	82.71	4162.49	53.80	4.56	16.23	4.91
0.200	501.65	11.60	2281.53	4.87	2.49	11.84	2.45
0.200	505.10	38.02	2948.89	23.08	3.22	12.72	3.48
0.200	505.66	53.98	3260.82	35.20	3.50	13.21	3.86
0.200	507.46	146.06	4059.34	94.60	4.26	13.72	4.66
0.300	503.75	12.94	2281.83	5.53	2.49	11.67	2.49
0.300	505.19	39.69	2945.90	24.41	3.21	12.57	3.48
0.300	505.79	57.65	3254.67	37.68	3.52	12.99	3.85
0.300	507.55	150.07	4051.91	98.02	4.24	13.60	4.63
0.400	503.97	14.94	2277.99	7.07	2.50	11.31	2.54
0.400	505.40	43.65	2938.73	27.62	3.18	12.24	3.48
0.400	506.02	69.87	3242.94	42.19	3.58	12.92	3.82
0.400	507.77	161.04	4030.94	108.01	4.16	13.26	4.48
0.500	504.22	17.83	2273.06	9.10	2.50	10.91	2.59
0.500	505.65	48.61	2929.67	31.72	3.15	11.86	3.47
0.500	506.29	73.23	3229.31	47.45	3.55	12.22	3.79
0.500	508.05	175.20	4002.04	122.76	4.06	12.84	4.22
0.600	504.42	20.20	2268.98	10.82	2.50	10.62	2.62
0.600	505.86	53.86	2921.00	35.14	3.16	11.56	3.45
0.600	506.50	75.88	3218.49	51.63	3.53	11.93	3.76
0.600	508.27	186.60	3976.94	136.45	3.98	12.52	4.02
0.700	504.59	22.24	2265.33	12.36	2.49	10.38	2.64
0.700	506.04	58.68	2913.16	38.16	3.20	11.32	3.43
0.700	506.68	85.75	3208.97	55.29	3.50	11.69	3.74
0.700	508.46	196.60	3952.51	149.89	3.92	12.25	3.86
200.000	507.34	175.64	1004.18	20.18	0.73	4.04	1.29
200.000	508.94	730.05	1146.69	23.26	1.03	3.95	1.30
200.000	509.64	1023.55	1178.91	47.14	1.11	3.82	1.06
200.000	511.41	1812.18	1234.13	153.69	1.21	3.48	0.89
210.000	507.36	190.58	992.71	16.71	0.77	3.99	1.06
210.000	508.96	765.10	1113.77	27.13	1.08	3.83	1.05
210.000	509.66	1070.07	1141.04	38.49	1.16	3.69	0.85
210.000	511.42	1802.53	1192.65	124.82	1.25	3.36	0.71
220.000	507.37	192.94	990.34	16.72	0.77	3.97	1.06
220.000	508.97	771.32	1111.52	27.16	1.08	3.82	1.04
220.000	509.66	1072.18	1149.20	38.62	1.15	3.69	0.85
220.000	511.43	1803.29	1191.58	125.13	1.25	3.36	0.71
500.000	507.65	34.47	1131.00	34.53	1.59	3.20	1.63
500.000	509.07	200.21	1636.03	73.76	1.32	6.43	2.13
500.000	509.72	388.63	1789.16	92.20	1.58	6.51	2.21
500.000	511.45	1041.54	1988.45	170.01	2.03	6.28	1.99

SECDNO CWSEL GL08 GCH GR08 VL08 VCH VR08

1438.000	510.53	74.60	1103.94	21.46	2.83	7.79	2.26
1438.000	512.31	180.39	1663.22	66.39	3.58	9.11	2.86
1438.000	512.82	237.69	1919.53	92.78	4.07	9.88	3.09
1438.000	513.79	396.34	2625.95	177.71	5.33	12.12	3.82
1488.000	511.19	0.00	1200.00	0.00	0.00	6.03	0.00
1488.000	512.58	0.00	1510.00	0.00	0.00	7.30	0.00
1488.000	513.54	0.00	2250.00	0.00	0.00	8.01	0.00
1488.000	514.7	0.00	3200.00	0.00	0.00	9.96	0.00
1512.000	511.26	0.00	1200.00	0.00	0.00	5.96	0.00
1512.000	513.09	0.00	1910.00	0.00	0.00	7.20	0.00
1512.000	513.88	0.00	2250.00	0.00	0.00	7.88	0.00
1512.000	515.64	0.00	3200.00	0.00	0.00	9.03	0.00
1562.000	511.42	73.67	1104.87	21.46	2.58	7.57	2.07
1562.000	513.26	180.27	1661.54	68.19	3.32	8.82	2.58
1562.000	513.89	234.93	1911.55	98.51	3.73	9.42	2.76
1562.000	515.97	441.08	2505.27	253.64	4.26	9.99	3.04
1650.000	512.51	79.37	1096.48	24.15	2.47	7.18	1.84
1650.000	514.69	198.09	1310.40	401.51	1.84	6.05	1.66
1650.000	515.51	211.36	1325.98	612.66	1.72	5.98	1.74
1690.000	517.64	682.18	1330.60	1187.22	1.62	4.91	1.69
1940.000	514.08	12.50	1160.10	17.00	1.35	5.80	1.48
1940.000	515.52	28.12	1824.06	37.82	1.86	7.68	2.04
1940.000	516.03	36.39	2144.39	49.21	2.09	8.55	2.30
1940.000	517.43	64.17	3008.07	87.76	2.62	10.47	2.89
2150.000	514.83	611.50	440.69	137.73	0.77	1.74	0.74
2150.000	516.71	1066.38	570.71	252.91	0.89	1.85	0.85
2150.000	517.47	1288.43	631.13	310.04	0.94	1.90	0.89
2150.000	519.49	1909.63	775.94	474.43	1.01	1.98	0.97
2450.000	514.84	110.08	921.80	158.12	1.41	6.03	1.43
2450.000	516.83	490.11	835.27	584.63	1.35	3.96	1.43
2450.000	517.58	654.68	851.71	773.32	1.36	3.66	1.43
2450.000	519.59	1107.68	922.03	1150.29	1.35	3.17	1.43
3230.000	519.97	125.21	742.55	262.14	1.52	6.85	2.71
3230.000	520.08	217.80	1158.79	423.41	2.32	10.54	4.20
3230.000	520.46	353.04	1257.10	519.46	2.46	10.84	4.42
3230.000	521.12	741.59	1513.22	745.19	3.12	12.03	5.05
3620.000	522.34	194.66	856.17	79.17	2.16	7.04	2.39
3620.000	523.90	670.55	998.57	130.89	1.88	6.89	2.44
3620.000	524.29	900.46	1077.44	152.10	2.07	7.14	2.55
3620.000	525.20	1541.08	1252.59	206.33	2.49	7.61	2.76
3910.000	523.98	245.77	729.30	104.85	1.35	5.69	1.20
3910.000	525.17	673.45	832.04	294.51	1.72	5.70	1.58
3910.000	525.58	850.72	892.77	386.51	1.87	5.86	1.74
3910.000	526.50	1324.04	1040.30	635.66	2.19	6.27	2.09

FORM 100

SECNO CKSEL GLUB RCH GROR VLOR VCH VROR

SECNO	CKSEL	GLUB	RCH	GROR	VLOR	VCH	VROR
3911.000	523.98	294.90	730.72	104.37	1.35	5.70	1.21
3911.000	525.17	672.70	833.31	293.99	1.72	5.71	1.50
3911.000	525.58	850.00	894.01	385.99	1.87	5.88	1.74
3911.000	526.50	1323.34	1041.50	635.15	2.19	6.28	2.09
3920.000	524.00	283.52	748.24	98.24	1.37	5.89	1.22
3920.000	525.19	663.43	849.00	287.57	1.75	5.86	1.60
3920.000	525.60	841.03	909.37	379.59	1.90	6.02	1.76
3920.000	526.52	1319.94	1056.04	629.02	2.22	6.41	2.12
3950.000	524.06	240.30	806.85	78.85	1.41	6.55	1.31
3950.000	525.26	630.46	904.44	265.09	1.83	6.40	1.66
3950.000	525.67	810.62	962.31	357.66	1.99	6.53	1.84
3950.000	526.60	1288.33	1102.07	609.60	2.32	6.82	2.20
4210.000	525.01	52.96	1023.74	53.30	1.57	6.24	1.24
4210.000	526.03	152.40	1449.55	198.05	1.93	7.95	1.97
4210.000	526.42	219.89	1622.34	207.77	2.10	8.55	2.30
4210.000	527.30	450.99	2006.23	542.78	2.61	9.77	3.02
4500.000	526.35	52.84	947.42	89.74	2.26	8.13	2.64
4500.000	527.77	216.87	1364.35	218.78	3.37	9.70	3.17
4500.000	528.28	286.16	1543.58	300.26	3.59	10.32	3.52
4500.000	529.40	469.41	1975.94	534.64	4.09	11.74	4.26
6427.000	538.74	105.61	840.75	183.64	2.03	5.89	1.70
6427.000	540.27	214.19	1109.03	476.78	2.29	6.39	2.18
6427.000	540.88	271.75	1220.22	634.03	2.38	6.59	2.33
6427.000	542.26	440.40	1491.58	1068.02	2.64	7.00	2.62
6477.000	538.99	0.00	1130.00	0.00	0.00	4.97	0.00
6477.000	540.35	0.00	1800.00	0.00	0.00	6.71	0.00
6477.000	540.88	0.00	2150.00	0.00	0.00	7.50	0.00
6477.000	541.97	0.00	3000.00	0.00	0.00	9.46	0.00
6543.000	539.23	0.00	1130.00	0.00	0.00	4.81	0.00
6543.000	541.30	0.00	1800.00	0.00	0.00	6.06	0.00
6543.000	542.36	0.00	2150.00	0.00	0.00	6.48	0.00
6543.000	545.41	0.00	3000.00	0.00	0.00	7.14	0.00
6573.000	539.30	102.60	856.05	171.35	2.10	6.12	1.72
6573.000	541.75	233.55	1016.09	550.36	1.95	5.37	1.92
6573.000	542.36	312.86	1058.48	758.68	1.88	4.96	1.86
6573.000	546.27	566.42	1092.62	1340.75	1.62	3.91	1.61
6613.000	539.43	0.00	1010.00	0.00	0.00	6.54	0.00
6613.000	541.09	0.00	1620.00	0.00	0.00	8.11	0.00
6613.000	542.56	0.00	1900.00	0.00	0.00	8.51	0.00
6613.000	546.33	469.59	1033.45	1116.56	1.57	3.38	1.52
6766.000	537.63	0.00	1010.00	0.00	0.00	6.80	0.00
6766.000	544.55	0.00	1620.00	0.00	0.00	6.06	0.00
6766.000	547.02	0.00	1900.00	0.00	0.00	5.91	0.00
6766.000	551.23	563.82	696.86	1359.31	0.82	1.68	0.85



SECNO	CWSEL	GLUB	DCH	QROB	VLOB	VCH	VROB
6818.000	539.85	40.57	963.00	6.43	3.27	10.13	1.95
6818.000	545.16	282.30	858.07	539.63	1.56	4.27	1.56
6818.000	547.64	331.85	788.00	780.15	1.28	3.14	1.23
6818.000	551.23	539.10	806.28	1290.61	1.05	2.50	1.08
7020.000	542.71	68.71	589.45	111.85	1.46	6.26	1.18
7020.000	545.48	165.72	688.99	395.29	1.30	3.56	1.28
7020.000	547.77	230.83	655.03	594.14	1.10	2.74	1.06
7020.000	551.29	489.82	690.11	1030.08	0.94	2.23	0.96

BT

BOYD BRANCH

SUMMARY PRINIUUT

SECD	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPKID
0.100	502.63	1531.78	1534.00	1561.00	1561.94	30.16
0.100	503.89	1529.82	1534.00	1561.00	1563.58	33.76
0.100	504.50	1528.87	1534.00	1561.00	1564.37	35.50
0.100	506.01	1528.77	1534.00	1561.00	1566.33	40.56
0.200	503.55	1530.19	1534.00	1561.00	1563.27	33.08
0.200	505.10	1527.94	1534.00	1561.00	1565.15	37.21
0.200	505.66	1527.08	1534.00	1561.00	1565.86	38.79
0.200	507.46	1520.02	1534.00	1561.00	1570.86	50.84
0.300	503.75	1530.03	1534.00	1561.00	1563.40	33.37
0.300	505.19	1527.79	1534.00	1561.00	1565.26	37.47
0.300	505.79	1526.66	1534.00	1561.00	1566.04	39.38
0.300	507.55	1519.70	1534.00	1561.00	1572.31	52.61
0.400	503.97	1525.69	1534.00	1561.00	1563.68	33.99
0.400	505.40	1527.47	1534.00	1561.00	1565.54	38.07
0.400	506.02	1525.71	1534.00	1561.00	1566.35	40.64
0.400	507.77	1518.82	1534.00	1561.00	1576.19	57.57
0.500	504.22	1529.29	1534.00	1561.00	1566.02	34.72
0.500	505.65	1527.07	1534.00	1561.00	1568.87	38.80
0.500	506.29	1524.65	1534.00	1561.00	1566.70	42.05
0.500	508.05	1517.71	1534.00	1561.00	1581.07	63.36
0.600	504.92	1528.59	1534.00	1561.00	1565.27	35.29
0.600	505.86	1526.35	1534.00	1561.00	1566.14	39.79
0.600	506.50	1523.63	1534.00	1561.00	1566.96	43.13
0.600	508.27	1514.23	1534.00	1561.00	1584.93	68.09
0.700	504.59	1528.73	1534.00	1561.00	1564.49	35.76
0.700	505.99	1525.66	1534.00	1561.00	1566.37	40.71
0.700	507.68	1523.15	1534.00	1561.00	1567.19	44.06
0.700	508.46	1514.07	1534.00	1561.00	1588.26	72.19
200.000	507.34	1475.55	1754.00	1780.00	1784.94	299.84
200.000	508.94	1451.64	1754.00	1780.00	1794.40	342.75
200.000	509.64	1441.26	1754.00	1780.00	1819.84	378.59
200.000	511.41	1414.78	1754.00	1780.00	1885.54	470.76
210.000	507.36	1475.23	1754.00	1780.00	1784.96	303.42
210.000	508.96	1451.29	1754.00	1780.00	1795.23	343.55
210.000	509.66	1440.95	1754.00	1780.00	1820.62	379.67
210.000	511.42	1414.57	1754.00	1780.00	1886.06	471.51
220.000	507.37	1475.04	1754.00	1780.00	1784.97	305.61
220.000	508.97	1451.14	1754.00	1780.00	1795.57	344.43
220.000	509.66	1440.82	1754.00	1780.00	1820.93	380.11
220.000	511.43	1414.48	1754.00	1780.00	1886.29	471.81
500.000	507.65	237.87	247.00	273.00	281.25	43.36
500.000	509.07	106.66	247.00	273.00	263.52	176.85
500.000	509.72	100.42	247.00	273.00	284.56	184.14
500.000	511.95	83.54	247.00	273.00	316.89	232.95

SECD	CNSL	SSJA	SICHL	SICHR	EADSL	TOPAID
1435.000	510.53	1211.61	1223.00	1246.00	1250.59	58.58
1438.000	512.31	1207.66	1223.00	1246.00	1258.04	50.38
1436.000	512.82	1207.09	1223.00	1246.00	1260.58	53.48
1438.000	513.79	1206.01	1223.00	1246.00	1265.44	59.42
1488.000	511.19	1513.42	1513.00	1548.00	1548.00	34.58
1488.000	512.98	1513.00	1513.00	1548.00	1548.00	35.00
1488.000	513.54	1513.00	1513.00	1548.00	1548.00	35.00
1488.000	514.70	1513.00	1513.00	1548.00	1548.00	35.00
1512.000	511.26	1513.29	1513.00	1548.00	1548.00	34.61
1512.000	513.09	1513.00	1513.00	1548.00	1548.00	35.00
1512.000	513.68	1513.00	1513.00	1548.00	1548.00	35.00
1512.000	515.64	1513.00	1513.00	1548.00	1548.00	35.00
1562.000	511.42	1211.16	1223.00	1246.00	1250.80	39.64
1562.000	513.26	1207.36	1223.00	1246.00	1259.31	51.93
1562.000	513.89	1206.68	1223.00	1246.00	1262.43	55.75
1562.000	515.97	1195.23	1223.00	1246.00	1281.50	86.27
1690.000	512.51	1570.44	1583.00	1606.00	1635.28	64.85
1690.000	514.69	1498.60	1583.00	1606.00	1734.43	235.83
1690.000	515.51	1486.40	1583.00	1606.00	1749.29	266.89
1690.000	517.64	1454.46	1583.00	1606.00	1788.18	333.70
1940.000	514.08	1225.57	1229.00	1255.00	1259.28	33.71
1940.000	515.52	1224.18	1229.00	1255.00	1260.43	35.74
1940.000	516.03	1224.37	1229.00	1255.00	1260.83	36.46
1940.000	517.43	1223.51	1229.00	1255.00	1261.95	38.43
2150.000	514.83	1022.74	1225.00	1255.00	1310.63	287.89
2150.000	516.71	994.90	1225.00	1255.00	1318.62	323.72
2150.000	517.47	983.63	1225.00	1255.00	1321.54	337.71
2150.000	519.49	954.16	1225.00	1255.00	1329.36	375.20
2450.000	514.84	869.27	987.00	1016.00	1146.09	276.82
2450.000	516.83	833.52	987.00	1016.00	1160.00	326.48
2450.000	517.58	826.75	987.00	1016.00	1160.00	333.25
2450.000	519.59	808.71	987.00	1016.00	1160.00	331.29
3230.000	519.97	132.47	292.00	307.00	346.37	163.55
3230.000	520.06	145.61	292.00	307.00	347.17	170.93
3230.000	520.46	147.23	292.00	307.00	350.26	190.80
3230.000	521.12	143.27	292.00	307.00	355.38	212.11
3620.000	522.34	179.66	327.00	342.00	353.57	124.48
3620.000	523.90	131.65	327.00	342.00	356.73	225.08
3620.000	524.29	127.96	327.00	342.00	357.53	229.57
3620.000	525.20	119.47	327.00	342.00	359.37	239.50
3910.000	523.98	1268.46	1407.00	1422.00	1503.69	235.21
3910.000	525.17	1254.45	1407.00	1422.00	1507.78	253.32
3910.000	525.56	1234.62	1407.00	1422.00	1509.18	259.56
3910.000	526.50	1238.84	1407.00	1422.00	1512.33	273.49



SECNO	CASSEL	SSIA	SICHL	SICHR	FANST	TOPAID
3911.000	523.98	1268.56	1407.00	1422.00	1503.67	235.12
3911.000	525.17	1254.53	1407.00	1422.00	1507.76	253.23
3911.000	525.58	1249.70	1407.00	1422.00	1509.16	259.47
3911.000	526.50	1238.91	1407.00	1422.00	1512.30	273.40
3920.000	524.00	1265.47	1407.00	1422.00	1503.41	233.94
3920.000	525.19	1255.40	1407.00	1422.00	1507.50	252.11
3920.000	525.60	1250.57	1407.00	1422.00	1508.91	258.34
3920.000	526.52	1239.77	1407.00	1422.00	1512.05	272.58
3950.000	524.06	1272.27	1407.00	1422.00	1502.56	230.20
3950.000	525.26	1258.26	1407.00	1422.00	1506.67	246.41
3950.000	525.67	1252.36	1407.00	1422.00	1508.10	254.73
3950.000	526.60	1242.35	1407.00	1422.00	1511.30	268.95
4210.000	525.01	1369.83	1402.00	1420.00	1475.03	105.20
4210.000	526.03	1344.09	1402.00	1420.00	1479.20	134.71
4210.000	526.42	1334.31	1402.00	1420.00	1480.88	146.57
4210.000	527.36	1315.70	1402.00	1420.00	1484.43	168.78
4500.000	526.35	1336.05	1353.00	1370.00	1389.44	53.39
4500.000	527.77	1325.26	1353.00	1370.00	1399.78	74.52
4500.000	528.28	1321.30	1353.00	1370.00	1402.86	81.56
4500.000	529.40	1312.89	1353.00	1370.00	1409.31	96.42
6427.000	538.74	1216.99	1240.00	1260.00	1322.29	105.30
6427.000	540.27	1208.72	1240.00	1260.00	1342.00	134.28
6427.000	540.88	1205.42	1240.00	1260.00	1349.90	144.48
6427.000	542.26	1197.29	1240.00	1260.00	1367.45	170.16
6477.000	538.99	1435.00	1435.00	1465.00	1465.00	30.00
6477.000	540.35	1435.00	1435.00	1465.00	1465.00	30.00
6477.000	540.88	1435.00	1435.00	1465.00	1465.00	30.00
6477.000	541.97	1435.00	1435.00	1465.00	1465.00	30.00
6543.000	539.23	1435.00	1435.00	1465.00	1465.00	30.00
6543.000	541.30	1435.00	1435.00	1465.00	1465.00	30.00
6543.000	542.36	1435.00	1435.00	1465.00	1465.00	30.00
6543.000	545.41	1435.00	1435.00	1465.00	1465.00	30.00
6573.000	539.30	1217.74	1240.00	1260.00	1320.49	102.74
6573.000	541.75	1204.53	1240.00	1260.00	1352.02	147.49
6573.000	542.46	1197.25	1240.00	1260.00	1367.51	170.26
6573.000	546.27	1172.27	1240.00	1260.00	1411.57	239.20
6613.000	539.43	1890.00	1890.00	1912.00	1912.00	22.00
6613.000	541.49	1890.00	1890.00	1912.00	1912.00	22.00
6613.000	542.00	1890.00	1890.00	1912.00	1912.00	22.00
6613.000	546.33	1826.59	1890.00	1912.00	2053.42	226.43
* 6768.000	537.63	1890.00	1890.00	1912.00	1912.00	22.00
* 6768.000	544.55	1890.00	1890.00	1912.00	1912.00	22.00
6768.000	547.02	1890.00	1890.00	1912.00	1912.00	22.00
6768.000	551.23	1790.47	1890.00	1912.00	2126.71	336.24

SECAO	CMSEL	SSIA	STCHL	STCHR	ENDST	TOPWAD
6818.000	539.85	1229.75	1240.00	1260.00	1269.42	39.64
6818.000	595.16	1201.26	1240.00	1260.00	1359.75	158.47
6818.000	547.64	1183.15	1240.00	1260.00	1391.55	208.40
6818.000	551.23	1156.20	1240.00	1260.00	1443.66	287.46
7020.000	542.71	1218.18	1240.00	1260.00	1319.44	101.27
7020.000	545.48	1203.33	1240.00	1260.00	1354.87	151.53
7020.000	547.77	1187.93	1240.00	1260.00	1384.25	196.82
7020.000	551.25	1161.08	1240.00	1260.00	1433.97	272.89

BOYD BRANCH

SUMMARY PRINTOUT TABLE 150

SECAO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRIS	66	10K*	VCH	AREA	.01K
0.100	0.00	0.00	0.00	495.00	2300.00	502.63	502.63	505.62	368.86	13.90	167.09	119.76
0.100	0.00	0.00	0.00	495.00	3010.00	503.89	503.89	507.34	333.20	14.97	207.44	164.90
0.100	0.00	0.00	0.00	495.00	3350.00	504.50	504.50	508.09	313.24	15.31	228.60	189.28
0.100	0.00	0.00	0.00	495.00	4300.00	506.01	506.01	509.98	275.48	16.23	285.63	257.21
0.200	1.00	0.00	0.00	495.00	2300.00	503.65	0.00	505.82	217.93	11.84	199.44	155.80
0.200	1.00	0.00	0.00	495.00	3010.00	505.10	0.00	507.56	196.33	12.72	250.35	214.82
0.200	1.00	0.00	0.00	495.00	3350.00	505.66	504.46	508.30	194.98	13.21	271.37	235.91
0.200	1.00	0.00	0.00	495.00	4300.00	507.46	0.00	510.24	165.32	13.72	350.33	334.43
0.300	1.00	0.00	0.00	495.00	2300.00	503.75	0.00	505.85	207.43	11.67	202.87	159.89
0.300	1.00	0.00	0.00	495.00	3010.00	505.19	0.00	507.59	189.19	12.57	253.74	218.83
0.300	1.00	0.00	0.00	495.00	3350.00	505.79	0.00	508.34	184.94	12.99	276.67	246.24
0.300	1.00	0.00	0.00	495.00	4300.00	507.55	0.00	510.27	160.63	13.60	354.62	339.28
0.400	2.00	0.00	0.00	495.00	2300.00	503.97	0.00	505.94	187.32	11.31	210.20	168.05
0.400	3.00	0.00	0.00	495.00	3010.00	505.40	0.00	507.67	172.77	12.24	261.72	228.34
0.400	3.00	0.00	0.00	495.00	3350.00	506.82	0.00	508.42	168.71	12.62	286.21	257.92
0.400	3.00	0.00	0.00	495.00	4300.00	507.77	0.00	510.34	148.72	13.26	366.88	352.60
0.500	5.00	0.00	0.00	495.00	2300.00	504.82	0.00	506.05	166.68	10.91	216.99	178.85
0.500	5.00	0.00	0.00	495.00	3010.00	505.65	0.00	507.79	157.07	11.66	271.59	240.17
0.500	5.00	0.00	0.00	495.00	3350.00	506.29	0.00	508.54	152.67	12.22	297.32	271.30
0.500	5.00	0.00	0.00	495.00	4300.00	508.05	0.00	510.45	135.06	12.84	383.81	370.01
0.600	5.00	0.00	0.00	495.00	2300.00	504.82	0.00	506.15	152.70	10.62	225.89	186.13
0.600	5.00	0.00	0.00	495.00	3010.00	505.86	0.00	507.88	144.93	11.56	279.71	250.03
0.600	5.00	0.00	0.00	495.00	3350.00	506.50	0.00	508.63	141.26	11.93	306.12	281.86
0.600	5.00	0.00	0.00	495.00	4300.00	508.27	0.00	510.54	125.18	12.52	396.37	384.53
0.700	5.00	0.00	0.00	495.00	2300.00	504.59	0.00	506.24	141.93	10.38	231.84	193.06
0.700	5.00	0.00	0.00	495.00	3010.00	505.04	0.00	507.97	132.66	11.32	286.80	258.82
0.700	5.00	0.00	0.00	495.00	3350.00	506.68	0.00	508.72	132.44	11.69	313.83	291.09
0.700	5.00	0.00	0.00	495.00	4300.00	508.46	0.00	510.62	117.22	12.25	411.62	397.17
200.000	210.00	0.00	0.00	496.50	1200.00	507.34	0.00	507.55	15.16	4.04	505.47	308.19
200.000	210.00	0.00	0.00	496.50	1910.00	508.94	0.00	508.09	11.80	3.95	1021.80	556.11
200.000	210.00	0.00	0.00	496.50	2250.00	509.64	0.00	509.76	10.19	3.82	1272.73	704.78
200.000	210.00	0.00	0.00	496.50	3200.00	511.41	0.00	511.59	7.02	3.48	2026.03	1207.37
210.000	10.00	0.00	0.00	496.50	1200.00	507.36	0.00	507.57	10.21	3.99	511.79	375.47
210.000	10.00	0.00	0.00	496.50	1910.00	508.96	0.00	509.10	7.67	3.83	1030.02	689.51
210.000	10.00	0.00	0.00	496.50	2250.00	509.66	0.00	509.77	6.59	3.69	1240.62	876.37
210.000	10.00	0.00	0.00	496.50	3200.00	511.42	0.00	511.50	4.54	3.36	2032.84	1502.64
220.000	10.00	0.00	0.00	496.50	1200.00	507.37	0.00	507.58	10.12	3.97	515.71	377.21
220.000	10.00	0.00	0.00	496.50	1910.00	508.97	0.00	509.11	7.62	3.82	1033.34	691.90
220.000	10.00	0.00	0.00	496.50	2250.00	509.66	0.00	509.78	6.55	3.69	1233.79	878.82
220.000	10.00	0.00	0.00	496.50	3200.00	511.43	0.00	511.51	4.52	3.36	2035.56	1505.05
500.000	280.00	0.00	0.00	498.00	1200.00	507.65	0.00	508.04	20.82	5.20	260.41	263.01
500.000	280.00	0.00	0.00	498.00	1910.00	509.07	0.00	509.63	25.78	6.43	441.03	376.15
500.000	280.00	0.00	0.00	498.00	2250.00	509.72	0.00	509.25	24.32	6.51	558.84	456.29
500.000	280.00	0.00	0.00	498.00	3200.00	511.45	0.00	511.85	18.46	6.28	914.42	744.84



SECNO	ALCH	ELTRD	ELIC	ELMIN	0	CASSEL	CRIMS	EG	10K49	VCH	AREA	01K
1438.000	938.00	0.00	0.00	503.00	1200.00	516.53	0.00	511.41	64.25	7.79	177.59	109.71
1438.000	938.00	0.00	0.00	503.00	1910.00	512.31	0.00	513.05	62.66	9.11	256.31	241.29
1438.000	938.00	0.00	0.00	503.00	2250.00	512.82	0.00	514.14	67.69	9.08	282.66	273.07
1438.000	938.00	0.00	0.00	503.00	3200.00	513.79	0.00	515.73	68.38	12.12	337.54	340.20
1488.000	50.00	0.00	0.00	503.30	1200.00	511.19	0.00	511.76	51.85	6.03	199.01	166.65
1488.000	50.00	0.00	0.00	503.30	1910.00	512.98	0.00	513.01	52.85	7.30	261.58	252.58
1488.000	50.00	0.00	0.00	503.30	2250.00	513.54	0.00	514.59	61.59	8.01	285.71	285.77
1488.000	50.00	0.00	0.00	503.30	3200.00	514.70	0.00	516.23	62.89	9.96	321.26	351.48
1512.000	24.00	516.10	515.20	503.30	1200.00	511.26	0.00	511.81	50.11	5.96	201.20	169.52
1512.000	24.00	516.10	515.20	503.30	1910.00	513.09	0.00	513.90	53.51	7.20	265.18	261.10
1512.000	24.00	516.10	515.20	503.30	2250.00	513.68	0.00	514.64	58.92	7.88	285.64	293.11
1512.000	24.00	516.10	515.20	503.30	3200.00	515.64	0.00	516.91	61.46	9.03	354.21	408.20
1562.000	50.00	0.00	0.00	503.70	1200.00	511.42	0.00	512.24	61.93	7.57	184.91	130.99
1562.000	50.00	0.00	0.00	503.70	1910.00	513.26	0.00	514.33	61.10	8.82	269.26	212.09
1562.000	50.00	0.00	0.00	503.70	2250.00	513.89	0.00	515.09	64.04	9.42	302.88	245.44
1562.000	50.00	0.00	0.00	503.70	3200.00	515.97	0.00	517.24	71.06	9.99	437.78	379.61
1690.000	128.00	0.00	0.00	504.50	1200.00	512.51	0.00	513.55	71.13	7.18	197.98	142.28
1690.000	128.00	0.00	0.00	504.50	1910.00	514.69	0.00	515.15	39.37	6.45	152.18	304.39
1690.000	128.00	0.00	0.00	504.50	2250.00	515.51	0.00	515.86	30.01	5.98	755.96	810.72
1690.000	128.00	0.00	0.00	504.50	3200.00	517.64	0.00	517.82	15.50	4.91	1391.97	812.83
1940.000	250.00	0.00	0.00	506.00	1190.00	514.06	0.00	514.59	40.19	5.80	221.20	187.71
1940.000	250.00	0.00	0.00	506.00	1890.00	515.52	0.00	516.41	56.06	7.68	271.27	252.43
1940.000	250.00	0.00	0.00	506.00	2230.00	516.03	0.00	517.02	64.67	8.55	289.64	277.30
1940.000	250.00	0.00	0.00	506.00	3160.00	517.43	0.00	519.06	81.02	10.47	342.04	351.07
2150.000	210.00	0.00	0.00	506.00	1190.00	514.83	0.00	514.85	2.23	1.74	1228.34	661.73
2150.000	210.00	0.00	0.00	506.00	1890.00	516.71	0.00	516.74	2.77	1.85	1804.82	1135.95
2150.000	210.00	0.00	0.00	506.00	2230.00	517.47	0.00	517.49	2.67	1.90	2054.49	1363.59
2150.000	210.00	0.00	0.00	506.00	3160.00	519.49	0.00	519.52	2.31	1.98	2775.55	2079.50
2450.000	300.00	0.00	0.00	508.20	1190.00	514.84	0.00	515.28	67.18	6.03	341.24	145.19
2450.000	300.00	0.00	0.00	508.20	1890.00	516.85	0.00	516.95	18.96	3.96	970.91	434.02
2450.000	300.00	0.00	0.00	508.20	2230.00	517.58	0.00	517.68	14.20	3.66	1215.13	591.88
2450.000	300.00	0.00	0.00	508.20	3160.00	519.59	0.00	519.85	7.91	3.17	1905.20	1123.79
3230.000	780.00	0.00	0.00	511.20	1190.00	519.97	0.00	520.47	65.27	6.85	287.69	139.87
3230.000	780.00	0.00	0.00	511.20	1890.00	520.06	0.00	521.25	151.66	10.54	304.93	146.16
3230.000	780.00	0.00	0.00	511.20	2130.00	520.46	0.00	521.63	149.68	10.84	376.84	174.10
3230.000	780.00	0.00	0.00	511.20	3000.00	521.12	0.00	522.39	165.13	12.03	511.49	233.46
3620.000	390.00	0.00	0.00	512.70	1130.00	522.34	0.00	522.94	59.32	7.04	244.17	146.71
3620.000	390.00	0.00	0.00	512.70	1890.00	523.90	0.00	524.33	44.81	6.89	354.79	268.90
3620.000	390.00	0.00	0.00	512.70	2130.00	524.29	0.00	524.73	45.62	7.14	645.09	315.37
3620.000	390.00	0.00	0.00	512.70	3000.00	525.20	0.00	525.64	46.14	7.61	859.58	441.64
3910.000	290.00	0.00	0.00	513.90	1130.00	523.98	0.00	524.41	36.05	5.69	433.96	188.20
3910.000	290.00	0.00	0.00	513.90	1890.00	525.17	0.00	525.43	30.35	5.70	725.28	320.73
3910.000	290.00	0.00	0.00	513.90	2130.00	525.50	0.00	525.84	30.45	5.86	830.55	386.00
3910.000	290.00	0.00	0.00	513.90	3000.00	526.50	0.00	526.76	30.99	6.27	1074.98	530.93

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CVSEL	GRINS	EG	10K*S	VCH	AREA	COIN
3911.000	1.00	0.00	0.00	513.91	1130.00	523.98	0.00	524.32	36.27	5.70	832.55	187.63
3911.000	1.00	0.00	0.00	513.91	1800.00	525.17	0.00	525.43	30.51	5.71	723.74	325.89
3911.000	1.00	0.00	0.00	513.91	2130.00	525.58	0.00	525.84	30.60	5.88	828.96	385.08
3911.000	1.00	0.00	0.00	513.91	3000.00	526.50	0.00	526.76	31.12	6.28	1073.30	537.81
3920.000	9.00	0.00	0.00	514.01	1130.00	524.00	0.00	524.36	39.20	5.89	414.37	180.48
3920.000	9.00	0.00	0.00	514.01	1800.00	525.19	0.00	525.47	32.48	5.86	705.00	315.32
3920.000	9.00	0.00	0.00	514.01	2130.00	525.60	0.00	525.87	32.44	6.02	809.80	373.98
3920.000	9.00	0.00	0.00	514.01	3000.00	526.52	0.00	526.80	32.71	6.41	1053.27	524.55
3950.000	30.00	0.00	0.00	514.31	1130.00	524.06	0.00	524.54	50.31	6.55	357.14	159.32
3950.000	30.00	0.00	0.00	514.31	1800.00	525.26	0.00	525.60	40.14	6.40	644.14	284.12
3950.000	30.00	0.00	0.00	514.31	2130.00	525.67	0.00	526.01	39.34	6.53	748.83	339.61
3950.000	30.00	0.00	0.00	514.31	3000.00	526.60	0.00	526.92	38.10	6.82	993.97	486.05
4210.000	210.00	0.00	0.00	514.00	1130.00	525.01	0.00	525.56	44.79	6.24	240.72	168.84
4210.000	210.00	0.00	0.00	514.00	1800.00	526.03	0.00	526.81	63.20	7.95	362.30	226.43
4210.000	210.00	0.00	0.00	514.00	2130.00	526.42	0.00	527.30	69.42	8.55	419.58	255.65
4210.000	210.00	0.00	0.00	514.00	3000.00	527.30	0.00	528.31	81.41	9.77	558.22	332.50
4500.000	250.00	0.00	0.00	518.70	1130.00	526.35	0.00	527.23	88.78	8.13	182.97	119.93
4500.000	250.00	0.00	0.00	518.70	1800.00	527.77	0.00	528.91	98.18	9.70	273.91	181.66
4500.000	250.00	0.00	0.00	518.70	2130.00	528.28	0.00	529.54	102.47	10.32	314.68	210.41
4500.000	250.00	0.00	0.00	518.70	3000.00	529.40	0.00	530.90	113.03	11.74	413.37	282.18
6427.000	1927.00	0.00	0.00	531.10	1130.00	538.74	0.00	539.15	44.98	5.89	302.81	168.49
6427.000	1927.00	0.00	0.00	531.10	1800.00	540.27	0.00	540.69	40.83	6.39	486.26	281.69
6427.000	1927.00	0.00	0.00	531.10	2130.00	540.88	0.00	541.31	39.58	6.54	571.80	338.54
6427.000	1927.00	0.00	0.00	531.10	3000.00	542.26	0.00	542.69	37.16	7.00	786.75	492.11
6477.000	50.00	0.00	0.00	531.40	1130.00	538.99	0.00	539.37	39.74	4.97	227.48	179.35
6477.000	50.00	0.00	0.00	531.40	1800.00	540.35	0.00	541.05	60.74	6.71	268.41	230.96
6477.000	50.00	0.00	0.00	531.40	2130.00	540.88	0.00	541.75	71.52	7.50	284.17	251.87
6477.000	50.00	0.00	0.00	531.40	3000.00	541.97	0.00	543.36	101.89	9.46	317.09	297.20
6543.000	66.00	546.20	539.40	531.40	1130.00	539.23	0.00	539.59	36.08	4.81	234.73	188.12
6543.000	66.00	546.20	539.40	531.40	1800.00	541.30	0.00	541.87	44.64	6.06	297.09	269.41
6543.000	66.00	546.20	539.40	531.40	2130.00	542.36	0.00	543.01	46.12	6.40	328.68	313.65
6543.000	66.00	546.20	539.40	531.40	3000.00	545.41	0.00	546.20	44.18	7.14	420.13	451.34
6573.000	30.00	0.00	0.00	531.80	1130.00	539.30	0.00	539.75	49.82	6.12	288.19	160.09
6573.000	30.00	0.00	0.00	531.80	1800.00	541.75	0.00	542.03	25.71	5.37	595.89	354.96
6573.000	30.00	0.00	0.00	531.80	2130.00	542.96	0.00	543.18	18.68	4.96	787.60	492.76
6573.000	30.00	0.00	0.00	531.80	3000.00	546.27	0.00	546.38	8.09	3.91	1463.01	1054.91
6613.000	40.00	6.00	0.00	532.40	1010.00	539.43	0.00	540.10	92.76	6.54	154.46	104.67
6613.000	40.00	6.00	0.00	532.40	1620.00	541.49	0.00	542.51	109.55	8.11	199.73	154.78
6613.000	40.00	6.00	0.00	532.40	1900.00	542.56	0.00	543.68	107.97	8.51	223.35	182.85
6613.000	40.00	6.00	0.00	532.40	2640.00	546.33	0.00	546.42	6.02	3.38	1352.61	932.02
6768.000	155.00	549.50	539.30	532.40	1010.00	537.63	0.00	540.10	231.95	8.80	114.80	66.32
6768.000	155.00	549.50	539.30	532.40	1620.00	540.55	0.00	545.13	46.30	6.06	267.19	238.08
6768.000	155.00	549.50	539.30	532.40	1900.00	547.02	0.00	547.56	37.31	5.91	321.44	311.06
6768.000	155.00	549.50	539.30	532.40	2640.00	551.23	0.00	551.25	1.33	1.68	2733.20	2288.00



SECNO	ALCH	ELTRU	ELLC	ELMIN	Q	CASEL	CRIMS	EG	10K'S	VCH	AREA	.01K
6818.000	50.00	0.00	0.00	534.60	1010.00	539.85	539.50	541.38	228.53	10.13	110.79	66.81
6818.000	50.00	0.00	0.00	534.60	1620.00	545.16	0.00	545.33	14.92	4.27	688.24	419.41
6818.000	50.00	0.00	0.00	534.60	1900.00	547.64	0.00	547.72	6.04	3.14	1142.60	773.39
6818.000	50.00	0.00	0.00	534.60	2640.00	551.23	0.00	551.27	2.73	2.50	2029.23	1596.94
7020.000	202.00	0.00	0.00	535.30	770.00	542.71	0.00	542.93	24.56	4.26	279.92	155.37
7020.000	202.00	0.00	0.00	535.30	1250.00	545.48	0.00	545.60	10.54	3.56	629.19	277.85
7020.000	202.00	0.00	0.00	535.30	1500.00	547.77	0.00	547.83	4.87	2.74	1027.29	579.80
7020.000	202.00	0.00	0.00	535.30	2150.00	551.29	0.00	551.32	2.30	2.23	1847.31	1418.86



BOYD BRANCH

SUMMARY PRINTOUT TABLE 150

SECR0	Q	CASEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
* 0.100	2300.00	502.63	0.00	0.00	0.03	30.16	0.00
* 0.100	3010.00	503.89	1.26	0.00	0.29	33.76	0.00
* 0.100	3350.00	504.50	0.61	0.00	0.00	35.50	0.00
* 0.100	4300.00	506.01	1.51	0.00	0.01	40.56	0.00
0.200	2300.00	503.65	0.00	1.03	0.00	33.06	1.00
0.200	3010.00	505.10	1.45	1.21	0.00	37.21	1.00
0.200	3350.00	505.66	0.56	1.16	0.00	38.79	1.00
0.200	4300.00	507.46	1.80	1.45	0.00	50.84	1.00
0.300	2300.00	503.75	0.00	0.10	0.00	33.37	1.00
0.300	3010.00	505.19	1.44	0.09	0.00	37.47	1.00
0.300	3350.00	505.79	0.60	0.13	0.00	39.36	1.00
0.300	4300.00	507.55	1.76	0.08	0.00	52.61	1.00
0.400	2300.00	503.97	0.00	0.22	0.00	33.99	3.00
0.400	3010.00	505.40	1.43	0.21	0.00	38.07	3.00
0.400	3350.00	506.02	0.62	0.23	0.00	40.64	3.00
0.400	4300.00	507.77	1.75	0.22	0.00	57.37	3.00
0.500	2300.00	504.22	0.00	0.26	0.00	34.72	5.00
0.500	3010.00	505.65	1.43	0.26	0.00	38.20	5.00
0.500	3350.00	506.29	0.64	0.27	0.00	42.05	5.00
0.500	4300.00	508.05	1.76	0.28	0.00	63.36	5.00
0.600	2300.00	504.42	0.00	0.20	0.00	35.29	5.00
0.600	3010.00	505.86	1.44	0.21	0.00	39.79	5.00
0.600	3350.00	506.50	0.64	0.21	0.00	43.13	5.00
0.600	4300.00	508.27	1.77	0.22	0.00	68.09	5.00
0.700	2300.00	504.59	0.00	0.17	0.00	35.76	5.00
0.700	3010.00	506.04	1.45	0.18	0.02	40.71	5.00
0.700	3350.00	506.68	0.64	0.18	0.00	44.06	5.00
0.700	4300.00	508.46	1.79	0.19	0.00	72.19	5.00
200.000	1200.00	507.34	0.00	2.75	0.00	299.84	210.00
200.000	1910.00	508.94	1.60	2.90	0.00	342.75	210.00
200.000	2250.00	509.64	0.70	2.56	0.00	378.59	210.00
200.000	3200.00	511.41	1.76	2.95	0.00	470.76	210.00
210.000	1200.00	507.36	0.00	0.02	0.00	303.42	10.00
210.000	1910.00	508.96	1.60	0.02	0.00	343.95	10.00
210.000	2250.00	509.66	0.69	0.02	0.00	379.67	10.00
210.000	3200.00	511.42	1.77	0.01	0.00	471.51	10.00
220.000	1200.00	507.37	0.00	0.01	0.00	305.61	10.00
220.000	1910.00	508.97	1.60	0.01	0.00	344.43	10.00
220.000	2250.00	509.66	0.69	0.01	0.00	380.11	10.00
220.000	3200.00	511.43	1.76	0.00	0.00	471.81	10.00
500.000	1200.00	507.65	0.00	0.27	0.00	43.36	280.00
500.000	1910.00	509.07	1.43	0.10	0.00	176.85	280.00
500.000	2250.00	509.72	0.65	0.06	0.00	184.14	280.00
500.000	3200.00	511.45	1.72	0.02	0.00	232.95	280.00

SECNO. 0 CWSEL. DIEWSP. DIFWSX. DIFKWS. TOPWID. XLCH

1438.000	1200.00	510.53	0.00	2.89	0.00	38.98	938.00
1438.000	1910.00	512.31	1.78	3.24	0.00	50.38	938.00
1438.000	2250.00	512.82	0.51	3.09	0.00	53.88	938.00
1438.000	3200.00	513.79	0.98	2.34	0.00	59.42	938.00
1488.000	1200.00	511.19	0.00	0.66	0.00	34.58	50.00
1488.000	1910.00	512.98	1.79	0.68	0.00	35.00	50.00
1488.000	2250.00	513.54	0.55	0.72	0.00	35.00	50.00
1488.000	3200.00	514.70	1.16	0.91	0.00	35.00	50.00
1512.000	1200.00	511.88	0.00	0.07	0.00	34.61	24.00
1512.000	1910.00	513.09	1.83	0.11	0.00	35.00	24.00
1512.000	2250.00	513.68	0.58	0.14	0.00	35.00	24.00
1512.000	3200.00	515.64	1.96	0.94	0.00	35.00	24.00
1562.000	1200.00	511.42	0.00	0.15	0.00	39.64	50.00
1562.000	1910.00	513.86	1.84	0.17	0.00	51.93	50.00
1562.000	2250.00	513.89	0.62	0.21	0.00	55.75	50.00
1562.000	3200.00	515.97	2.09	0.34	0.00	86.27	50.00
1690.000	1200.00	512.51	0.00	1.09	0.00	64.85	128.00
1690.000	1910.00	514.69	2.19	1.43	0.00	235.83	128.00
1690.000	2250.00	515.51	0.82	1.63	0.00	262.89	128.00
1690.000	3200.00	517.64	2.13	1.67	0.00	333.70	128.00
1940.000	1190.00	514.08	0.00	1.57	0.00	33.71	250.00
1940.000	1890.00	515.52	1.44	0.83	0.00	35.74	250.00
1940.000	2230.00	516.03	0.51	0.52	0.00	36.46	250.00
1940.000	3160.00	517.43	1.40	0.21	0.00	38.43	250.00
2150.000	1190.00	514.83	0.00	0.75	0.00	287.89	210.00
2150.000	1990.00	516.71	1.88	1.19	0.00	323.72	210.00
2150.000	2230.00	517.47	0.76	1.44	0.00	337.71	210.00
2150.000	3160.00	519.49	2.03	2.06	0.00	375.20	210.00
2450.000	1190.00	514.84	0.00	0.01	0.00	276.82	300.00
2450.000	1890.00	516.83	1.99	0.11	0.00	326.48	300.00
2450.000	2230.00	517.58	0.75	0.11	0.00	333.25	300.00
2450.000	3160.00	519.59	2.01	0.09	0.00	351.29	300.00
3230.000	1130.00	519.97	0.00	5.13	0.00	163.55	780.00
3230.000	1800.00	520.06	0.10	3.24	0.00	170.95	780.00
3230.000	2130.00	520.46	0.40	2.86	0.00	190.80	780.00
3230.000	3000.00	521.12	0.66	1.53	0.00	212.11	780.00
3620.000	1130.00	522.34	0.00	2.37	0.00	124.48	390.00
3620.000	1800.00	523.90	1.58	3.83	0.00	225.08	390.00
3620.000	2130.00	524.29	0.40	3.83	0.00	229.57	390.00
3620.000	3000.00	525.20	0.91	4.08	0.00	239.50	390.00
3910.000	1130.00	523.58	0.00	1.64	0.00	235.21	290.00
3910.000	1800.00	525.17	1.19	1.27	0.00	253.32	290.00
3910.000	2130.00	525.56	0.91	1.29	0.00	259.56	290.00
3910.000	3000.00	526.50	0.92	1.29	0.00	273.49	290.00

SECNO	Q	CMSEL	DIEMSP	DIEMSK	DIEMKS	JOPWIO	XLCH
3911.000	1130.00	523.98	0.00	0.00	0.00	235.12	1.00
3911.000	1800.00	525.17	1.19	0.00	0.00	253.23	1.00
3911.000	2130.00	525.58	0.41	0.00	0.00	259.87	1.00
3911.000	3000.00	526.50	0.92	0.00	0.00	273.40	1.00
3920.000	1130.00	524.00	0.00	0.02	0.00	233.94	9.00
3920.000	1800.00	525.19	1.20	0.02	0.00	252.11	9.00
3920.000	2130.00	525.60	0.41	0.02	0.00	258.34	9.00
3920.000	3000.00	526.52	0.92	0.02	0.00	272.28	9.00
3950.000	1130.00	524.06	0.00	0.06	0.00	230.20	30.00
3950.000	1800.00	525.26	1.20	0.07	0.00	248.41	30.00
3950.000	2130.00	525.67	0.42	0.07	0.00	254.73	30.00
3950.000	3000.00	526.60	0.93	0.08	0.00	268.95	30.00
4210.000	1130.00	525.01	0.00	0.96	0.00	105.20	210.00
4210.000	1800.00	526.93	1.01	0.77	0.00	134.71	210.00
4210.000	2130.00	526.42	0.39	0.74	0.00	146.57	210.00
4210.000	3000.00	527.30	0.88	0.70	0.00	168.78	210.00
4500.000	1130.00	528.35	0.00	1.33	0.00	53.39	250.00
4500.000	1800.00	527.77	1.42	1.74	0.00	74.52	250.00
4500.000	2130.00	528.28	0.52	1.87	0.00	81.56	250.00
4500.000	3000.00	529.40	1.12	2.10	0.00	96.42	250.00
6427.000	1130.00	538.74	0.00	12.39	0.00	105.30	1927.00
6427.000	1800.00	540.27	1.53	12.51	0.00	133.28	1927.00
6427.000	2130.00	540.86	0.61	12.60	0.00	144.48	1927.00
6427.000	3000.00	542.26	1.37	12.85	0.00	170.16	1927.00
6477.000	1130.00	538.99	0.00	0.25	0.00	30.00	50.00
6477.000	1800.00	540.35	1.36	0.08	0.00	30.00	50.00
6477.000	2130.00	540.88	0.52	-0.01	0.00	30.00	50.00
6477.000	3000.00	541.97	1.09	-0.29	0.00	30.00	50.00
6543.000	1130.00	539.23	0.00	0.24	0.00	30.00	66.00
6543.000	1800.00	541.30	2.06	0.95	0.00	30.00	66.00
6543.000	2130.00	542.36	1.05	1.48	0.00	30.00	66.00
6543.000	3000.00	545.41	3.05	3.44	0.00	30.00	66.00
6573.000	1130.00	539.30	0.00	0.07	0.00	102.74	30.00
6573.000	1800.00	541.75	2.46	0.45	0.00	147.49	30.00
6573.000	2130.00	542.56	1.21	0.61	0.00	170.26	30.00
6573.000	3000.00	546.27	3.31	0.86	0.00	239.20	30.00
6613.000	1010.00	539.43	0.00	0.13	0.00	22.00	40.00
6613.000	1620.00	541.49	2.06	-0.27	0.00	22.00	40.00
6613.000	1900.00	542.56	1.07	-0.40	0.00	22.00	40.00
6613.000	2640.00	546.33	3.77	0.06	0.00	226.43	40.00
6768.000	1010.00	537.63	0.00	-1.80	0.00	22.00	155.00
6768.000	1620.00	544.55	6.93	3.07	0.00	22.00	155.00
6768.000	1900.00	547.02	2.47	4.46	0.00	22.00	155.00
6768.000	2640.00	551.23	4.21	4.90	0.00	336.24	155.00



SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
6818.000	1010.00	533.85	0.00	2.22	0.00	39.64	50.00
6818.000	1620.00	545.16	5.31	0.61	0.00	158.47	50.00
6818.000	1900.00	547.64	2.48	0.62	0.00	208.40	50.00
6818.000	2640.00	551.23	3.56	0.00	0.00	287.46	50.00
7020.000	770.00	542.71	0.00	2.66	0.00	101.27	202.00
7020.000	1250.00	545.40	2.77	0.32	0.00	151.53	202.00
7020.000	1500.00	547.77	2.29	0.13	0.00	196.82	202.00
7020.000	2150.00	551.29	3.51	0.06	0.00	272.89	202.00

SUMMARY OF ERRORS

CAUTION SECNO= 0.100 PROFILE= 1 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 0.100 PROFILE= 2 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 0.100 PROFILE= 4 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 3230.000 PROFILE= 2 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 3230.000 PROFILE= 2 MINIMUM SPECIFIC ENERGY  
 CAUTION SECNO= 3230.000 PROFILE= 3 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 3230.000 PROFILE= 3 PROBABLE MINIMUM SPECIFIC ENERGY  
 CAUTION SECNO= 3230.000 PROFILE= 5 20 TRIALS ATTEMPTED TO BALANCE WSEL  
 CAUTION SECNO= 3230.000 PROFILE= 4 CRITICAL DEPTH ASSUMED  
 CAUTION SECNO= 3230.000 PROFILE= 4 PROBABLE MINIMUM SPECIFIC ENERGY  
 CAUTION SECNO= 3230.000 PROFILE= 4 20 TRIALS ATTEMPTED TO BALANCE WSEL  
 CAUTION SECNO= 6768.000 PROFILE= 1 HYDRAULIC JUMP D.S.  
 CAUTION SECNO= 6766.000 PROFILE= 2 HYDRAULIC JUMP D.S.

FLOOD INSURANCE ZONE DATA FOR BOYD BRANCH

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND I	10X	FX
0.100	0.	-1.87	-0.61	1.51
0.200	1.	-2.01	-0.56	1.80
0.300	2.	-2.04	-0.60	1.76
0.400	5.	-2.05	-0.62	1.75
0.500	10.	-2.07	-0.64	1.76
0.600	15.	-2.08	-0.64	1.77
0.700	20.	-2.09	-0.64	1.79
200.000	230.	-2.30	-0.70	1.78
210.000	240.	-2.30	-0.69	1.77
220.000	250.	-2.29	-0.69	1.76
500.000	530.	-2.08	-0.65	1.72
1438.000	1468.	-2.29	-0.51	0.98
1488.000	1518.	-2.35	-0.55	1.16
1512.000	1542.	-2.42	-0.58	1.96
1562.000	1592.	-2.47	-0.62	2.09
1690.000	1720.	-3.00	-0.82	2.13
1790.000	1970.	-1.95	-0.51	1.40
2150.000	2180.	-2.64	-0.76	2.03
2450.000	2480.	-2.74	-0.75	2.01
3230.000	3260.	-0.50	-0.40	0.66
3620.000	3650.	-1.96	-0.40	0.91
3910.000	3940.	-1.60	-0.41	0.92
3911.000	3941.	-1.60	-0.41	0.92
3920.000	3950.	-1.61	-0.41	0.92
3950.000	3980.	-1.62	-0.42	0.93
4210.000	4190.	-1.40	-0.39	0.88
4500.000	4440.	-1.94	-0.52	1.12
6427.000	6367.	-2.15	-0.61	1.37
6477.000	6417.	-1.89	-0.52	1.09
6503.000	6483.	-3.13	-1.05	3.05
6573.000	6513.	-3.66	-1.21	3.51
6613.000	6553.	-3.13	-1.07	3.77
6768.000	6709.	-9.39	-2.47	4.21
6818.000	6758.	-7.79	-2.48	3.58
7020.000	6560.	-5.06	-2.29	3.51
WEIGHTED AVG FOR REACH				1.51

FHF FOR THE REACH = 0.25 WITH 67.51 OF THE REACH WITHIN 1.0 FEET ZONE FOR THE REACH = A.5

COMMENTS





X1	200.000	19.000	1754.000	1780.000	210.000	210.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	537.500	1000.000	535.400	1100.000	531.300	1200.000	536.800	1300.000	1512.400	1400.000	1400.000	1400.000
GR	505.700	1500.000	506.400	1600.000	507.400	1700.000	506.600	1744.000	1501.400	1754.000	1754.000	1754.000
GR	497.800	1751.000	496.500	1766.000	497.800	1776.000	501.000	1780.000	1508.700	1786.000	1786.000	1786.000
GR	509.100	1800.000	511.600	1900.000	512.800	2000.000	514.900	2100.000	0.000	0.000	0.000	0.000
NC	0.070	0.070	0.050	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1650.000	1780.000	1780.000	1780.000

X1	210.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1650.000	1780.000	1780.000	1780.000

XXX SURV SEC ABB-1 XXX

X1	220.000	0.000	0.000	0.000	10.000	10.000	10.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	169.000	284.000	284.000	284.000

XXX TOPO SEC ABB-1B XXX

X1	500.000	12.000	247.000	273.000	250.000	280.000	280.000	0.000	0.000	0.000	0.000	0.000
GR	520.000	0.000	515.000	50.000	508.200	115.000	508.100	237.000	502.900	247.000	247.000	247.000
GR	499.300	250.000	499.000	259.000	499.500	269.000	502.500	273.000	510.000	269.000	269.000	269.000
GR	515.000	395.000	520.000	460.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1207.000	1262.000	1262.000	1262.000

XXX VALLEY SEC ABB-1A FROM TOPO XXX

X1	1438.000	16.000	1223.000	1246.000	938.000	938.000	938.000	0.000	0.000	0.000	0.000	0.000
GK	530.000	1000.000	525.000	1060.000	520.000	1120.000	515.000	1205.000	1512.300	1206.000	1206.000	1206.000
GR	506.200	1223.000	504.300	1229.000	503.500	1237.000	504.200	1239.000	1204.500	1240.000	1240.000	1240.000
GR	506.700	1246.000	511.200	1251.000	515.000	1270.000	520.000	1370.000	1525.000	1510.000	1510.000	1510.000
GR	530.000	1535.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1513.000	1548.000	1548.000	1548.000

XXX SURV SEC ABB-2 SR 2304 XXX

X1	1486.000	21.000	1513.000	1548.000	50.000	50.000	50.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	516.500	516.500	0.000	0.000	0.000
GR	530.000	1300.000	525.000	1360.000	519.000	1442.000	515.000	1505.000	1513.000	1513.000	1513.000	1513.000
GR	508.200	1515.000	506.600	1518.000	505.000	1521.000	505.000	1523.000	1504.500	1533.000	1533.000	1533.000
GR	504.600	1535.000	504.600	1538.000	504.000	1543.000	503.300	1545.000	1508.300	1546.000	1546.000	1546.000
GR	510.000	1548.000	515.000	1570.000	516.100	1595.000	520.000	1670.000	1555.000	1810.000	1810.000	1810.000
GR	530.000	1835.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1513.000	1548.000	1548.000	1548.000
SB	1.250	1.550	2.500	0.000	23.500	1.000	323.000	0.500	1503.300	1503.300	1503.300	1503.300

X1	1512.000	0.000	0.000	0.000	24.000	24.000	24.000	0.000	0.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	515.200	516.100	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	516.900	516.100	0.000	0.000	0.000
B1	12.000	1300.000	530.000	0.000	1360.000	525.000	0.000	1442.000	1519.000	0.000	0.000	0.000
B1	1500.000	517.200	0.000	1513.000	516.900	0.000	1513.000	516.900	1515.200	1542.000	1542.000	1542.000
B1	516.400	514.600	1548.000	516.400	0.000	1595.000	516.100	0.000	1670.000	1520.000	1520.000	1520.000
B1	0.000	1810.000	525.000	0.000	1835.000	530.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.050	0.050	0.060	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1207.000	1262.000	1262.000	1262.000

X1	1562.000	16.000	1223.000	1246.000	50.000	50.000	50.000	0.000	0.000	0.000	0.000	0.000
GR	530.000	1000.000	525.000	1060.000	520.000	1120.000	515.000	1205.000	1512.300	1206.000	1206.000	1206.000

GR 523.400 1430.000 522.900 1500.000 537.500 1237.000 504.200 1239.000 1504.500 1240.000  
 GR 506.200 1223.000 504.300 1229.000 503.300 1237.000 504.200 1239.000 1504.500 1240.000  
 GR 506.700 1246.000 511.500 1251.000 515.000 1270.000 520.000 1370.000 1525.000 1510.000  
 GR 530.000 1535.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000  
 ET 0.000 0.000 0.000 0.000 0.000 9.100 0.000 0.000 1576.000 1670.000

XXX SURV SEC ABB-3 XXX

XI 1690.000 20.000 1583.000 1606.000 128.000 128.000 128.000 0.000 0.000 0.000  
 GR 546.100 1000.000 542.100 1100.000 538.900 1200.000 533.600 1300.000 1521.300 1400.000  
 GR 514.600 1500.000 513.500 1568.000 507.400 1583.000 505.500 1589.000 1504.500 1597.000  
 GR 505.400 1599.000 505.700 1600.000 507.500 1606.000 512.400 1611.000 1512.800 1700.000  
 GR 518.300 1600.000 526.700 1900.000 531.300 1992.000 532.000 2000.000 539.900 2100.000  
 ET 6.000 11.900 1890.000 2250.000 3160.000 2230.000 2230.000 0.000 0.000 0.000  
 ET 0.000 0.000 0.000 0.000 0.000 9.100 0.000 0.000 1224.000 1261.000

XXX SURV SEC ABB-4 DAM IS WASHED OUT XXX

XI 1940.000 18.000 1229.000 1255.000 250.000 100.000 250.000 0.000 0.000 0.000  
 GR 536.300 1000.000 526.700 1130.000 522.700 1130.000 526.900 1200.000 526.400 1218.000  
 GR 508.500 1229.000 506.300 1230.000 506.000 1239.000 506.400 1252.000 508.700 1255.000  
 GR 526.300 1269.000 526.900 1300.000 527.100 1400.000 527.000 1500.000 529.600 1600.000  
 GR 533.900 1700.000 535.900 1800.000 539.800 1900.000 0.000 0.000 0.000 0.000  
 ET 0.000 0.000 0.000 0.000 0.000 9.100 0.000 0.000 1106.000 1275.000

LI 2150.000 10.000 1225.000 1255.000 210.000 210.000 210.000 0.000 0.000 0.000  
 GR 530.000 800.000 515.000 1020.000 510.000 1100.000 510.000 1225.000 506.000 1228.000  
 GR 506.000 1250.000 508.500 1255.000 511.000 1260.000 512.500 1312.000 530.000 1370.000  
 ET 0.000 0.000 0.000 0.000 0.000 9.100 0.000 0.000 1906.000 1075.000

XI 2450.000 10.000 987.000 1016.000 300.000 300.000 300.000 0.000 0.000 0.000  
 GR 550.000 620.000 525.000 760.000 515.000 850.000 514.000 970.000 511.500 987.000  
 GR 508.200 1000.000 505.200 1005.000 511.500 1016.000 512.500 1030.000 515.000 1160.000  
 ET 6.000 1130.000 1600.000 2130.000 3000.000 2130.000 2130.000 0.000 0.000 0.000  
 ET 0.000 0.000 0.000 0.000 0.000 9.100 0.000 0.000 165.000 340.000

XXX TOPO SEC ABB-4A ACROSS DRY LAKE BED XXX

XI 3230.000 18.000 292.000 307.000 780.000 780.000 780.000 0.000 0.000 0.000  
 GR 545.000 0.000 540.000 535.000 535.000 55.000 530.000 90.000 526.000 150.000  
 GR 519.000 215.000 520.600 275.000 514.900 292.000 512.300 297.000 511.200 300.000  
 GR 512.200 304.000 515.100 307.000 518.500 335.000 523.000 370.000 410.000 410.000  
 GR 535.000 435.000 540.000 490.000 545.000 535.000 0.000 0.000 0.000 0.000  
 ET 0.000 0.000 0.000 0.000 0.000 9.100 0.000 0.000 186.000 345.000

XXX TOPO SEC ABB-4B XXX

XI 3620.000 16.000 327.000 342.000 390.000 390.000 390.000 0.000 0.000 0.000  
 GR 545.000 0.000 540.000 535.000 535.000 60.000 530.000 75.000 523.000 140.000  
 GR 512.700 200.000 522.000 230.000 300.000 300.000 516.400 327.000 511.800 235.000  
 GR 522.700 335.000 513.700 339.000 516.600 342.000 528.000 365.000 530.000 425.000  
 GR 535.000 450.000 540.000 480.000 545.000 520.000 0.000 0.000 0.000 0.000  
 AC 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000  
 ET 0.000 0.000 0.000 0.000 0.000 9.100 0.000 0.000 1310.000 1440.000

XXX TOPO SEC ABB-4C XXX

XI 3910.000 15.000 1407.000 1422.000 290.000 290.000 290.000 0.000 0.000 0.000  
 GR 550.600 1000.000 545.700 1100.000 529.800 1200.000 521.300 1300.000 523.600 1400.000  
 GR 517.600 1407.000 515.000 1412.000 513.900 1415.000 514.900 1419.000 517.800 1423.000



SA	523.000	1430.000	522.300	1500.000	537.500	1550.000	546.700	1600.000	1551.900	1680.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1310.000	1440.000
X1	3911.000	0.000	0.000	0.000	1.000	1.000	1.000	0.000	0.010	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1310.000	1440.000
X1	3920.000	0.000	0.000	0.000	9.000	9.000	9.000	0.000	0.100	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1310.000	1440.000
X1	3950.000	0.000	0.000	0.000	30.000	30.000	30.000	0.000	0.300	0.000
NC	0.090	0.090	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1350.000	1450.000
X1	4210.000	14.000	1402.000	1420.000	210.000	210.000	210.000	0.000	0.000	0.000
GR	553.000	1025.000	545.000	1130.000	534.000	1220.000	527.000	1320.000	524.000	1395.000
GR	520.000	1402.000	514.000	1406.000	515.000	1414.000	519.000	1420.000	524.000	1425.000
GR	525.000	1475.000	542.000	1545.000	550.000	1660.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1326.000	1403.000

XXX SURV SEC ABB-5 XXX

X1	4500.000	16.000	1353.000	1370.000	250.000	250.000	250.000	0.000	0.000	0.000
GR	556.300	1000.000	544.000	1100.000	538.300	1200.000	531.100	1300.000	526.300	1344.000
GR	521.100	1353.000	519.000	1357.000	518.700	1362.000	519.400	1366.000	521.000	1370.000
GR	524.500	1376.000	527.800	1400.000	536.400	1450.000	541.200	1490.000	548.500	1600.000
GR	553.900	1640.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1225.000	1295.000
X1	6427.000	16.000	1240.000	1260.000	1927.000	1927.000	1927.000	0.000	-4.200	0.000
GR	569.800	1000.000	559.400	1100.000	546.100	1200.000	539.400	1236.000	531.300	1240.000
GR	535.600	1242.000	535.300	1250.000	535.800	1257.000	538.000	1260.000	540.400	1262.000
GR	541.200	1300.000	549.000	1400.000	555.700	1500.000	563.000	1600.000	567.900	1700.000
GR	570.500	1800.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1435.000	1465.000

XXX SURV SEC ABB-6 XXX

X1	6477.000	13.000	1435.000	1465.000	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	543.500	543.000	0.000
GR	565.600	1200.000	525.200	1300.000	541.900	1400.000	535.300	1435.000	531.400	1435.000
GR	531.400	1464.900	534.000	1465.000	537.000	1500.000	544.800	1600.000	551.500	1700.000
GR	558.600	1800.000	563.700	1900.000	566.200	2000.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.110	0.000	0.000	1435.000	1465.000
SU	1.250	1.630	2.500	0.000	30.500	1.500	232.000	0.000	551.900	531.400
X1	6543.000	0.000	0.000	0.000	66.000	66.000	66.000	0.000	0.000	0.000
X2	0.000	0.000	1.000	539.400	546.200	0.000	0.000	0.000	0.000	0.000
X3	10.000	0.000	0.000	0.000	0.000	0.000	0.000	547.000	546.200	0.000
BT	15.000	1200.000	565.600	1300.000	555.200	1400.000	0.000	1338.000	550.400	0.000
BT	1400.000	548.800	0.000	1435.000	547.700	0.000	1435.000	547.700	539.400	1465.000
BT	547.000	539.400	1465.000	547.000	0.000	1500.000	546.800	0.000	1600.000	546.200
BT	0.000	1625.000	546.600	1700.000	0.000	551.500	0.000	1800.000	558.800	0.000
BT	1900.000	563.700	0.000	2000.000	566.300	0.000	0.000	0.000	0.000	0.000
ET	0.000	0.000	0.000	0.000	0.000	9.100	0.000	0.000	1225.000	1295.000
X1	6573.000	16.000	1240.000	1260.000	30.000	30.000	30.000	0.000	-3.500	0.000
GR	569.800	1000.000	559.400	1100.000	546.100	1200.000	539.400	1236.000	531.300	1240.000







\*\*\*\*\*  
 MEC2 RELEASE DATED: NOV 76 UPDATED AUG 77  
 ERROR CORR - 01,02  
 MODIFICATION - 50,51,52,53  
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NOTE- ASTERISK (\*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

BOYD BRANCH

SUMMARY PRINTOUT

SECNO	CWSEL	FG	ELMIN	ELLC	10K*S	Q
* 0.100	504.46	508.09	495.00	0.00	319.04	3350.00
* 0.100	504.46	508.09	495.00	0.00	319.04	3350.00
0.200	505.73	508.32	495.00	0.00	189.19	3350.00
0.200	505.73	508.32	495.00	0.00	189.19	3350.00
0.300	505.83	508.35	495.00	0.00	181.85	3350.00
0.300	505.83	508.35	495.00	0.00	181.85	3350.00
0.400	506.05	508.43	495.00	0.00	167.14	3350.00
0.400	506.05	508.43	495.00	0.00	167.14	3350.00
0.500	506.31	508.54	495.00	0.00	151.34	3350.00
0.500	506.31	508.54	495.00	0.00	151.34	3350.00
0.600	506.52	508.64	495.00	0.00	140.40	3350.00
0.600	506.52	508.64	495.00	0.00	140.40	3350.00
0.700	506.69	508.72	495.00	0.00	131.75	3350.00
0.700	506.69	508.72	495.00	0.00	131.75	3350.00
209.000	509.64	509.77	496.50	0.00	10.17	2250.00
200.000	509.97	510.29	496.50	0.00	25.87	2250.00
210.000	509.66	509.78	496.50	0.00	6.57	2250.00
210.000	510.02	510.31	496.50	0.00	16.94	2250.00
220.000	509.67	509.78	496.50	0.00	6.54	2250.00
220.000	510.04	510.33	496.50	0.00	16.78	2250.00
500.000	509.73	510.25	498.00	0.00	24.26	2250.00
500.000	510.43	510.72	498.00	0.00	19.22	2250.00
1436.000	512.81	514.14	503.00	0.00	67.94	2250.00
1436.000	512.95	514.22	503.00	0.00	63.76	2250.00
1486.000	513.54	514.53	503.30	0.00	62.01	2250.00
1486.000	513.63	514.60	503.30	0.00	66.80	2250.00



SEKID QMSL EP ELMIN ELLC 10K\$S 0

1512.000	513.60	514.64	503.30	515.20	58.94	2250.00
1512.000	513.76	514.71	503.30	515.20	63.87	2250.00
1562.000	513.60	515.09	503.70	0.00	84.06	2250.00
1562.000	513.99	515.15	503.70	0.00	80.14	2250.00
1690.000	515.51	515.86	504.50	0.00	30.02	2250.00
1690.000	515.39	516.02	504.50	0.00	45.94	2250.00
1940.000	516.03	517.12	506.00	0.00	64.67	2230.00
1940.000	516.35	517.37	506.00	0.00	57.69	2230.00
2150.000	517.47	517.49	506.00	0.00	2.67	2230.00
2150.000	517.73	517.76	506.00	0.00	4.17	2230.00
2450.000	517.58	517.68	508.20	0.00	14.20	2230.00
2450.000	517.89	518.08	508.20	0.00	20.59	2230.00
3230.000	520.46	521.63	511.20	0.00	149.67	2130.00
3230.000	520.61	521.67	511.20	0.00	133.80	2130.00
3620.000	524.29	524.73	512.70	0.00	45.62	2130.00
3620.000	524.36	524.93	512.70	0.00	54.33	2130.00
3910.000	525.58	525.84	513.90	0.00	30.45	2130.00
3910.000	525.90	526.38	513.90	0.00	44.62	2130.00
3911.000	525.56	525.84	513.91	0.00	30.60	2130.00
3911.000	525.90	526.36	513.91	0.00	44.97	2130.00
3920.000	525.60	525.67	514.01	0.00	32.44	2130.00
3920.000	525.93	526.43	514.01	0.00	46.68	2130.00
3950.000	525.67	526.01	514.31	0.00	39.34	2130.00
3950.000	526.04	526.60	514.31	0.00	52.65	2130.00
4210.000	526.42	527.30	514.00	0.00	69.42	2130.00
4210.000	527.06	527.79	514.00	0.00	54.04	2130.00
4500.000	528.26	529.54	518.70	0.00	102.47	2130.00
4500.000	528.54	529.66	518.70	0.00	89.31	2130.00
6427.000	540.08	541.31	531.10	0.00	39.58	2130.00
6427.000	541.21	541.80	531.10	0.00	46.13	2130.00
6477.000	540.88	541.75	531.40	0.00	71.52	2130.00
6477.000	541.38	542.17	531.40	0.00	75.64	2130.00
6543.000	542.36	543.01	531.40	539.40	46.12	2130.00
6543.000	542.93	543.52	531.40	539.40	50.70	2130.00
6573.000	542.96	543.10	531.60	0.00	18.68	2130.00
6573.000	543.28	543.66	531.60	0.00	26.56	2130.00
6613.000	542.56	543.60	532.40	0.00	107.97	1900.00
6613.000	543.08	544.10	532.40	0.00	111.95	1900.00

SECS	CMSEL	FIG	ELMIN	ELLC	10K*S	Q
6768.000	547.02	547.56	532.40	539.30	37.31	1900.00
6768.000	547.58	548.09	532.40	539.30	44.58	1900.00
6818.000	547.64	547.72	534.60	0.00	6.04	1900.00
6818.000	548.08	548.28	534.60	0.00	18.44	1900.00
7020.000	547.77	547.83	535.30	0.00	4.87	1500.00
7020.000	548.47	548.61	535.30	0.00	12.58	1500.00

BOYD BRANCH

SUMMARY PRINTOUT

SECNO	CWSEL	SSTA	STCHL	STCHR	ENDSI	TOPWID
* 0.100	504.46	1528.93	1534.00	1561.00	1564.32	35.38
* 0.100	504.46	1528.93	1534.00	1561.00	1564.32	35.38
0.200	505.73	1526.89	1534.00	1561.00	1565.96	39.08
0.200	505.73	1526.89	1534.00	1561.00	1565.96	39.08
0.300	505.83	1526.48	1534.00	1561.00	1566.10	39.61
0.300	505.83	1526.48	1534.00	1561.00	1566.10	39.61
0.400	506.05	1525.62	1534.00	1561.00	1566.38	40.76
0.400	506.05	1525.62	1534.00	1561.00	1566.38	40.76
0.500	506.31	1524.57	1534.00	1561.00	1566.72	42.15
0.500	506.31	1524.57	1534.00	1561.00	1566.72	42.15
0.600	506.52	1523.77	1534.00	1561.00	1566.99	43.22
0.600	506.52	1523.77	1534.00	1561.00	1566.99	43.22
0.700	506.69	1523.08	1534.00	1561.00	1567.21	44.14
0.700	506.69	1523.08	1534.00	1561.00	1567.21	44.14
200.000	509.64	1441.20	1754.00	1780.00	1819.99	378.79
200.000	509.97	1650.00	1754.00	1780.00	1780.00	130.00
210.000	509.66	1440.89	1754.00	1780.00	1820.76	379.88
210.000	510.02	1650.00	1754.00	1780.00	1780.00	130.00
220.000	509.67	1440.76	1754.00	1780.00	1821.07	380.31
220.000	510.04	1650.00	1754.00	1780.00	1780.00	130.00
500.000	509.73	160.39	247.00	273.00	284.57	184.18
500.000	510.47	160.00	247.00	273.00	284.00	120.00
1438.000	512.81	1207.10	1223.00	1246.00	1260.57	53.48
1438.000	512.95	1207.00	1223.00	1246.00	1261.24	54.24
1488.000	513.54	1513.00	1513.00	1548.00	1548.00	55.00
1488.000	513.63	1513.00	1513.00	1548.00	1548.00	55.00
1512.000	513.66	1513.00	1513.00	1548.00	1548.00	55.00
1512.000	513.76	1513.00	1513.00	1548.00	1548.00	55.00
1562.000	513.88	1206.68	1223.00	1246.00	1262.43	55.74
1562.000	513.99	1207.00	1223.00	1246.00	1262.00	55.00
1690.000	515.51	1486.41	1583.00	1606.00	1745.29	262.88
1690.000	515.39	1570.00	1583.00	1606.00	1670.00	100.00
1940.000	516.03	1224.37	1229.00	1255.00	1260.83	36.46
1940.000	516.35	1224.17	1229.00	1255.00	1261.00	36.83
2150.000	517.47	983.83	1225.00	1255.00	1321.54	337.71
2150.000	517.73	1100.00	1225.00	1255.00	1275.00	175.00



SECNO	CMSBL	SSIA	SICHL	SICHR	EADSI	TOPWID
2450.000	517.58	826.75	987.00	1016.00	1160.00	333.25
2450.000	517.89	900.00	987.00	1016.00	1075.00	175.00
3230.000	520.46	147.23	292.00	307.00	350.26	190.80
3230.000	520.61	165.00	292.00	307.00	340.00	168.53
3620.000	524.29	127.96	327.00	342.00	357.53	229.57
3620.000	524.36	180.00	327.00	342.00	345.00	165.00
3910.000	525.58	1249.62	1407.00	1422.00	1509.18	259.56
3910.000	525.90	1310.00	1407.00	1422.00	1440.00	130.00
3911.000	525.58	1249.70	1407.00	1422.00	1509.16	259.47
3911.000	525.90	1310.00	1407.00	1422.00	1440.00	130.00
3920.000	525.60	1250.57	1407.00	1422.00	1508.91	258.34
3920.000	525.93	1310.00	1407.00	1422.00	1440.00	130.00
3950.000	525.67	1253.36	1407.00	1422.00	1508.10	254.73
3950.000	526.04	1310.00	1407.00	1422.00	1440.00	130.00
4210.000	526.42	1334.31	1402.00	1420.00	1480.88	146.57
4210.000	527.06	1350.00	1402.00	1420.00	1450.00	100.00
4500.000	528.28	1321.30	1353.00	1370.00	1402.88	81.56
4500.000	528.54	1320.00	1353.00	1370.00	1403.00	83.00
6427.000	540.88	1205.92	1240.00	1260.00	1349.90	144.48
6427.000	541.21	1225.00	1240.00	1260.00	1295.00	70.00
6477.000	540.88	1435.00	1435.00	1465.00	1465.00	50.00
6477.000	541.38	1455.00	1435.00	1465.00	1465.00	50.00
6543.000	542.38	1435.00	1435.00	1465.00	1465.00	50.00
6543.000	542.93	1435.00	1435.00	1465.00	1465.00	50.00
6573.000	542.96	1197.25	1240.00	1260.00	1367.51	170.26
6573.000	543.28	1225.00	1240.00	1260.00	1295.00	70.00
6613.000	542.56	1890.00	1890.00	1912.00	1912.00	22.00
6613.000	543.08	1890.00	1890.00	1912.00	1912.00	22.00
6768.000	547.02	1890.00	1890.00	1912.00	1912.00	22.00
6768.000	547.58	1890.00	1890.00	1912.00	1912.00	22.00
6818.000	547.64	1183.15	1240.00	1260.00	1391.55	208.40
6818.000	548.08	1240.00	1240.00	1260.00	1300.00	60.00
7020.000	547.71	1187.43	1240.00	1260.00	1384.25	196.82
7020.000	548.47	1246.00	1240.00	1260.00	1300.00	60.00

SUMMARY OF ERRORS

CAUTION SECNO= 0.100 PROFILE= 1 CRITICAL DEPTH ASSUMED  
CAUTION SECNO= 0.100 PROFILE= 2 CRITICAL DEPTH ASSUMED  
CAUTION SECNO= 3230.000 PROFILE= 1 CRITICAL DEPTH ASSUMED  
CAUTION SECNO= 3230.000 PROFILE= 1 PROBABLE MINIMUM SPECIFIC ENERGY

FLOODWAY DATA: BOYD BRANCH  
 PROFILE NO. 2

STATION	WIDTH (FT)	FLOODWAY SECTION AREA		MEAN VELOCITY	WATER SURFACE ELEVATION WITH FLOODWAY WITHOUT FLOODWAY		DIFFERENCE
		AREA	AREA		FLOODWAY	FLOODWAY	
0.100	35.	227.	14.8	14.8	504.5	504.5	0.0
0.200	39.	274.	12.2	12.2	505.7	505.7	0.0
0.300	40.	278.	12.0	12.0	505.8	505.8	0.0
0.400	41.	287.	11.7	11.7	506.0	506.0	0.0
0.500	42.	298.	11.2	11.2	506.3	506.3	0.0
0.600	43.	307.	10.9	10.9	506.5	506.5	0.0
0.700	44.	314.	10.7	10.7	506.7	506.7	0.0
200.000	130.	648.	3.5	3.5	509.9	509.6	0.3
210.000	130.	654.	3.4	3.4	510.1	509.7	0.4
220.000	130.	657.	3.4	3.4	510.1	509.7	0.4
500.000	120.	557.	4.0	4.0	510.4	509.7	0.7
1438.000	54.	290.	7.8	7.8	512.9	512.8	0.1
1488.000	35.	284.	7.9	7.9	513.6	513.5	0.1
1512.000	33.	289.	7.8	7.8	513.6	513.7	0.1
1562.000	55.	309.	7.3	7.3	514.0	513.9	0.1
1690.000	100.	484.	4.7	4.7	515.5	515.5	0.0
1940.000	37.	301.	7.4	7.4	516.3	516.0	0.3
2150.000	175.	1471.	1.5	1.5	517.8	517.5	0.3
2450.000	175.	843.	2.6	2.6	517.9	517.6	0.3
3230.000	175.	387.	5.5	5.5	520.7	520.5	0.2
3620.000	165.	544.	3.9	3.9	524.4	524.3	0.1
3910.000	130.	563.	3.8	3.8	525.9	525.6	0.3
3911.000	130.	561.	3.8	3.8	525.9	525.6	0.3
3920.000	130.	553.	3.9	3.9	525.9	525.6	0.3
3950.000	130.	527.	4.0	4.0	526.1	525.7	0.4
4210.000	100.	432.	4.9	4.9	527.0	526.4	0.6
4500.000	85.	335.	6.4	6.4	528.6	528.3	0.3
6427.000	70.	442.	4.8	4.8	541.2	540.9	0.3
6477.050	30.	299.	7.1	7.1	541.4	540.9	0.5
6543.000	50.	346.	6.2	6.2	543.0	542.4	0.6
6573.000	70.	537.	4.0	4.0	543.3	543.0	0.3
6615.000	22.	235.	8.1	8.1	543.1	542.6	0.5
6738.000	22.	334.	5.7	5.7	547.0	547.0	0.0
6818.000	60.	582.	3.2	3.2	546.0	547.6	0.4
7020.000	60.	564.	2.7	2.7	548.5	547.8	0.7