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*****  
***** WATER SURFACE PROFILES *****  
***** VERSION OF NOVEMBER 1976 *****  
***** UPDATED APRIL 1980 *****  
***** RAN CONV. 23-NOV-81 BOHANNAN-HUSTON INC. *****  
***** VAX DATE 28-JAN-82 TIME 13:41:42 *****  
***** *****
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U.S. ARMY CORPS OF ENGINEERS
THE HYDROLOGIC ENGINEERING CENTER
609 SECOND STREET, SUITE D
DAVIS, CALIFORNIA 95616
(916) 440-2105 (FTS) 448-2105

[illegible]

HEC2 RELEASE DATED NOV 76 UPDATED APR. 1980
ERROR CORR - 01,02,03,04
MODIFICATION - 50,51,52,53,54

THIS RUN EXECUTED 28-JAN-82 13:41:43

THIS IS AN ARCHIVAL RUN ALL DATA AND RESULTS ARE SAVED ON UNIT 96

AC
C T1 TIJERAS ARROYO FROM CITY LIMITS OF ALBUQUERQUE
T2 TO THE EAST LEVEL OF THE RIO GRANDE - SUPERCRITICAL RUN
T3 TIJERAS ARROYO

J1 ICHECK INQ MINV IDIR STRT METRIC HVINS O WSEL FG

0. 2. 0. 1. 0.00000 0.00 0.0 0. 5671.310 0.000

J2 NPROF IPLOT PREV S XSECV XSECH FN ALLDC IBW CHNIM ITRACE

1.000 0.000 -1.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

38.000 1.000 2.000 4.000 43.000 13.000 14.000 15.000 26.000 53.000

54.000 42.000 39.000 206.000 147.000 164.000 249.000 262.000 329.000 341.000

J6 IHLEQ ICOPY

1.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000

QT 4.000 4600.000 9550.000 13600.000 27200.000 0.000 0.000 0.000 0.000 0.000

NC 0.060 0.060 0.030 0.100 0.300 0.000 0.000 0.000 0.000 0.000

X-SECTION 62409 HAS BEEN REPLACED BY 198

X1 62407.000 12.000 1029.400 1134.200 1770.000 1810.000 1820.000 0.000 0.000 0.000

GR 5682.200 1000.000 5674.400 1029.400 5666.800 1041.200 5665.700 1088.200 5672.900 1134.200

GR 5676.700 1176.600 5678.100 1212.800 5678.100 1256.000 5681.300 1288.400 5684.500 1298.000

GR 5691.200 1312.200 5694.200 1322.600 0.000 0.000 0.000 0.000 0.000 0.000

X1 198.000 10.000 1100.000 1125.000 1710.000 1790.000 1790.000 0.000 0.000 0.000

GR 5650.000 1000.000 5638.000 1060.000 5636.000 1065.000 5634.000 1080.000 5630.000 1100.000

GR 5630.000 1125.000 5632.000 1135.000 5636.000 1145.000 5640.000 1165.000 5660.000 1225.000

34	X1	200.000	9.000	1090.000	1295.000	1060.000	910.000	1025.000	0.000	0.000	0.000
35	GR	5640.000	1000.000	5630.000	1090.000	5610.000	1140.000	5606.000	1160.000	5606.000	1240.000
36	GR	5608.000	1255.000	5610.000	1265.000	5620.000	1295.000	5640.000	1330.000	0.000	0.000
37	X1	202.000	10.000	1120.000	1360.000	970.000	1260.000	1215.000	0.000	0.000	0.000
38	GR	5620.000	1000.000	5590.000	1120.000	5588.000	1130.000	5583.000	1245.000	5584.000	1285.000
39	NC	5590.000	1320.000	5600.000	1360.000	5604.000	1450.000	5606.000	1485.000	5620.000	1600.000
40	NC	0.045	0.045	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41	X1	204.000	8.000	1040.000	1225.000	770.000	550.000	685.000	0.000	0.000	0.000
42	GR	5590.000	1000.000	5570.000	1040.000	5568.000	1055.000	5564.000	1105.000	5563.000	1150.000
43	GR	5564.000	1175.000	5570.000	1225.000	5590.000	1285.000	0.000	0.000	0.000	0.000
44	X1	206.000	8.000	1045.000	1330.000	385.000	425.000	390.000	0.000	0.000	0.000
45	GR	5580.000	1000.000	5560.000	1045.000	5556.000	1055.000	5554.000	1130.000	5553.000	1200.000
46	GR	5554.000	1265.000	5560.000	1330.000	5580.000	1380.000	0.000	0.000	0.000	0.000
47	X1	207.000	8.000	1045.000	1330.000	20.000	20.000	20.000	0.000	-6.500	0.000
48	X3	0.000	0.000	0.000	0.000	0.000	0.000	5570.000	0.000	0.000	0.000
49	GR	5580.000	1000.000	5560.000	1045.000	5556.000	1055.000	5554.000	1130.000	5553.000	1200.000
50	NC	5554.000	1265.000	5560.000	1330.000	5580.000	1380.000	0.000	0.000	0.000	0.000
51	NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52	X1	208.000	50.000	1388.000	1494.000	40.000	40.000	40.000	0.000	0.000	0.000
53	BT	1390.000	1250.000	5561.300	5563.300	1388.000	5562.200	5548.000	1388.500	5559.600	5550.300
54	BT	5559.600	5552.200	5559.600	5548.000	5551.300	5552.200	5559.600	5549.800	5552.200	5559.600
55	BT	5548.000	1406.000	5552.200	5548.000	1406.500	5552.200	5549.800	1408.000	5552.200	5559.600
56	BT	1410.000	5551.300	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
57	BT	5548.000	1424.500	5559.600	5549.800	1426.000	5552.200	5551.300	5548.000	5552.200	5559.600
58	BT	1430.500	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
59	BT	5548.000	1442.500	5559.600	5549.800	1444.000	5552.200	5551.300	5548.000	5552.200	5559.600
60	BT	1448.500	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
61	BT	5548.000	1459.300	5559.600	5549.800	1461.000	5552.200	5551.300	5548.000	5552.200	5559.600
62	BT	1459.300	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
63	BT	5548.000	1476.000	5559.600	5549.800	1478.000	5552.200	5551.300	5548.000	5552.200	5559.600
64	BT	1486.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
65	BT	5548.000	1500.000	5559.600	5549.800	1502.000	5552.200	5551.300	5548.000	5552.200	5559.600
66	BT	1500.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
67	BT	5548.000	1515.000	5559.600	5549.800	1517.000	5552.200	5551.300	5548.000	5552.200	5559.600
68	BT	1515.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
69	BT	5548.000	1530.000	5559.600	5549.800	1532.000	5552.200	5551.300	5548.000	5552.200	5559.600
70	BT	1530.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
71	BT	5548.000	1545.000	5559.600	5549.800	1547.000	5552.200	5551.300	5548.000	5552.200	5559.600
72	BT	1545.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
73	BT	5548.000	1560.000	5559.600	5549.800	1562.000	5552.200	5551.300	5548.000	5552.200	5559.600
74	BT	1560.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
75	BT	5548.000	1575.000	5559.600	5549.800	1577.000	5552.200	5551.300	5548.000	5552.200	5559.600
76	BT	1575.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
77	BT	5548.000	1590.000	5559.600	5549.800	1592.000	5552.200	5551.300	5548.000	5552.200	5559.600
78	BT	1590.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
79	BT	5548.000	1605.000	5559.600	5549.800	1607.000	5552.200	5551.300	5548.000	5552.200	5559.600
80	BT	1605.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
81	BT	5548.000	1620.000	5559.600	5549.800	1622.000	5552.200	5551.300	5548.000	5552.200	5559.600
82	BT	1620.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
83	BT	5548.000	1635.000	5559.600	5549.800	1637.000	5552.200	5551.300	5548.000	5552.200	5559.600
84	BT	1635.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
85	BT	5548.000	1650.000	5559.600	5549.800	1652.000	5552.200	5551.300	5548.000	5552.200	5559.600
86	BT	1650.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
87	BT	5548.000	1665.000	5559.600	5549.800	1667.000	5552.200	5551.300	5548.000	5552.200	5559.600
88	BT	1665.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
89	BT	5548.000	1680.000	5559.600	5549.800	1682.000	5552.200	5551.300	5548.000	5552.200	5559.600
90	BT	1680.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
91	BT	5548.000	1695.000	5559.600	5549.800	1697.000	5552.200	5551.300	5548.000	5552.200	5559.600
92	BT	1695.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
93	BT	5548.000	1710.000	5559.600	5549.800	1712.000	5552.200	5551.300	5548.000	5552.200	5559.600
94	BT	1710.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
95	BT	5548.000	1725.000	5559.600	5549.800	1727.000	5552.200	5551.300	5548.000	5552.200	5559.600
96	BT	1725.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
97	BT	5548.000	1740.000	5559.600	5549.800	1742.000	5552.200	5551.300	5548.000	5552.200	5559.600
98	BT	1740.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600
99	BT	5548.000	1755.000	5559.600	5549.800	1757.000	5552.200	5551.300	5548.000	5552.200	5559.600
100	BT	1755.000	5559.600	5552.200	5548.000	5549.800	5552.200	5551.300	5548.000	5552.200	5559.600

AS	X1	220.000	7.000	1520.000	1820.000	1010.000	1060.000	1055.000	0.000	0.000	0.000	0.000
GR	GR	5468.000	1000.000	5460.000	1225.000	5452.000	1520.000	5451.500	1700.000	5452.000	1820.000	0.000
		5460.000	1855.000	5470.000	1920.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AI	X1	222.000	11.000	1360.000	1600.000	1000.000	1000.000	705.000	0.000	0.000	0.000	0.000
GR	GR	5450.000	1000.000	5448.000	1060.000	5440.000	1360.000	5438.000	1370.000	5437.000	1380.000	0.000
		5438.000	1395.000	5440.000	1600.000	5438.000	1670.000	5438.000	1720.000	5440.000	1735.000	0.000
		5450.000	1790.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AI	X1	224.000	9.000	1465.000	1560.000	720.000	520.000	685.000	0.000	0.000	0.000	0.000
GR	GR	5450.000	905.000	5440.000	1000.000	5436.000	1160.000	5434.000	1465.000	5430.000	1490.000	0.000
		5429.500	1525.000	5430.000	1535.000	5440.000	1560.000	5450.000	1750.000	0.000	0.000	0.000
AI	X1	225.000	12.000	1245.000	1375.000	720.000	900.000	800.000	0.000	0.000	0.000	0.000
GR	GR	5440.000	1000.000	5430.000	1045.000	5428.000	1110.000	5426.000	1245.000	5424.000	1265.000	0.000
		5424.000	1320.000	5426.000	1375.000	5428.000	1650.000	5428.000	1755.000	5427.600	1790.000	0.000
		5430.000	1840.000	5440.000	1920.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AI	X1	226.000	17.000	1500.000	1600.000	1010.000	1010.000	1010.000	0.000	0.000	0.000	0.000
GR	GR	5430.000	990.000	5418.000	1110.000	5416.000	1305.000	5419.000	1450.000	5418.000	1500.000	0.000
		5410.500	1525.000	5412.500	1555.000	5416.000	1565.000	5419.000	1600.000	5416.000	1660.000	0.000
		5410.000	1685.000	5408.000	1700.000	5410.000	1740.000	5414.000	1925.000	5418.000	1945.000	0.000
		5420.000	2020.000	5430.000	2180.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
AI	X1	227.000	24.000	1580.000	1740.000	980.000	980.000	980.000	0.000	0.000	0.000	0.000
GR	GR	5410.000	1000.000	5408.000	1200.000	5406.000	1205.000	5404.000	1240.000	5406.000	1250.000	0.000
		5408.000	1265.000	5408.000	1430.000	5396.000	1560.000	5404.000	1575.000	5402.000	1580.000	0.000
		5400.000	1595.000	5396.000	1605.000	5394.000	1630.000	5394.000	1680.000	5398.000	1700.000	0.000
		5402.000	1740.000	5404.000	1750.000	5406.000	1770.000	5408.000	1850.000	5408.000	1940.000	0.000
		5406.000	2040.000	5408.000	2065.000	5408.000	2100.000	5410.000	2115.000	0.000	0.000	0.000
AI	X1	230.000	13.000	1610.000	1890.000	2020.000	2140.000	2070.000	0.000	0.000	0.000	0.000
GR	GR	5410.000	1015.000	5400.000	1080.000	5398.000	1200.000	5396.000	1350.000	5394.000	1610.000	0.000
		5386.000	1750.000	5384.500	1830.000	5386.000	1860.000	5394.000	1890.000	5396.000	2100.000	0.000
		5396.000	2290.000	5398.000	2345.000	5410.000	2415.000	0.000	0.000	0.000	0.000	0.000
AI	X1	300.000	11.000	1765.000	1840.000	3260.000	3320.000	3285.000	0.000	0.000	0.000	0.000
GR	GR	5375.000	1000.000	5370.000	1180.000	5372.000	1440.000	5370.000	1600.000	5365.000	1765.000	0.000
		5360.000	1780.000	5360.000	1825.000	5365.000	1840.000	5370.000	2270.000	5370.000	2560.000	0.000
		5375.000	2640.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

5630

X1	302.000	10.000	1700.000	1880.000	2870.000	2800.000	2860.000	0.000	0.000	0.000
GR	5340.000	1000.000	5335.000	1210.000	5333.000	1700.000	5330.000	1775.000	5330.000	1830.000
GR	5333.000	1880.000	5332.000	2580.000	5330.000	2860.000	5335.000	3200.000	5340.000	3260.000
X1	304.000	10.000	1600.000	1670.000	2910.000	2880.000	2900.000	0.000	0.000	0.000
GR	5315.000	1000.000	5310.000	1115.000	5305.000	1600.000	5300.000	1620.000	5300.000	1650.000
GR	5305.000	1670.000	5304.000	1750.000	5305.000	1835.000	5310.000	2990.000	5315.000	3100.000
X1	306.000	6.000	1495.000	1580.000	3280.000	3220.000	3335.000	0.000	0.000	0.000
GR	5285.000	1000.000	5280.000	1495.000	5275.000	1525.000	5275.000	1560.000	5280.000	1580.000
GT	4.000	2850.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
GT	4.000	4920.000	10530.000	17240.000	34470.000	0.000	0.000	0.000	0.000	0.000
9.										
X1	308.000	9.000	1070.000	1190.000	2550.000	2650.000	2605.000	0.000	0.000	0.000
GR	5256.000	1000.000	5255.000	1070.000	5250.000	1130.000	5245.000	1140.000	5255.000	1190.000
GR	5256.000	1260.000	5254.000	1450.000	5255.000	1520.000	5260.000	2220.000	0.000	0.000
X1	310.000	7.000	2030.000	2100.000	2570.000	2610.000	2670.000	0.000	0.000	0.000
GR	5240.000	440.000	5235.000	1905.000	5230.000	2030.000	5223.000	2065.000	5230.000	2100.000
GR	5235.000	2170.000	5240.000	2380.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	312.000	12.000	2730.000	2840.000	1800.000	1855.000	1810.000	0.000	0.000	0.000
GR	5225.000	1000.000	5220.000	1170.000	5215.000	1390.000	5216.000	2100.000	5215.000	2730.000
GR	5205.000	2795.000	5200.000	2805.000	5200.000	2825.000	5210.000	2830.000	5215.000	2840.000
NC	5215.000	3220.000	5220.000	3550.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.000	0.000	0.035	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	314.000	7.000	1430.000	1550.000	900.000	700.000	1120.000	0.000	0.000	0.000
GR	5195.000	790.000	5185.000	1430.000	5175.000	1500.000	5175.000	1520.000	5190.000	1550.000
GR	5195.000	1660.000	5200.000	2900.000	0.000	0.000	0.000	0.000	0.000	0.000

9.									
X1	315.000	7.000	1430.000	1550.000	900.000	700.000	1120.000	0.900	0.000
GR	5195.000	790.000	5185.000	1430.000	5175.000	1500.000	5175.000	-11.200	1550.000
GR	5195.000	1660.000	5200.000	2900.000	0.000	0.000	0.000	0.000	0.000
X1	316.000	11.000	1500.000	1650.000	1380.000	1370.000	1380.000	0.000	0.000
GR	5185.000	860.000	5180.000	1000.000	5175.000	1500.000	5165.000	0.000	1540.000
GR	5155.000	1550.000	5156.000	1560.000	5165.000	1580.000	5178.000	1650.000	2730.000
GR	5185.000	3275.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.045	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000
QT	4.000	4520.000	9800.000	16370.000	32730.000	0.000	0.000	0.000	0.000
X1	400.000	10.000	1305.000	1420.000	1690.000	1690.000	1690.000	0.000	0.000
GR	5170.000	1000.000	5166.000	1170.000	5164.000	1305.000	5160.000	5152.000	1350.000
GR	5152.000	1380.000	5160.000	1410.000	5162.000	1420.000	5166.000	1435.000	1470.000
X1	402.000	14.000	1300.000	1440.000	700.000	700.000	700.000	0.000	0.000
GR	5154.000	600.000	5152.000	1750.000	5150.900	1000.000	5151.700	1250.000	1300.000
GR	5140.000	1335.000	5137.000	1365.000	5138.000	1375.000	5140.000	1390.000	1440.000
GR	5152.200	1470.000	5151.300	1830.000	5152.000	2110.000	5154.000	2470.000	0.000
X1	403.000	11.000	1760.000	1855.000	1360.000	1360.000	1360.000	0.000	0.000
GR	5150.000	1000.000	5148.000	1165.000	5146.000	1725.000	5144.000	1760.000	1790.000
GR	5130.000	1810.000	5140.000	1855.000	5146.000	1875.000	5146.700	2300.000	2430.000
GR	5150.000	2490.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	404.000	13.000	1490.000	1635.000	345.000	345.000	345.000	0.000	0.000
GR	5147.000	1000.000	5146.000	1050.000	5140.000	1085.000	5140.000	1125.000	1140.000
GR	5138.000	1490.000	5130.000	1505.000	5124.000	1545.000	5122.300	1565.000	1580.000
GR	5138.000	1635.000	5140.000	2050.000	5142.000	2380.000	0.000	0.000	0.000
X1	405.000	12.000	1550.000	1670.000	665.000	665.000	665.000	0.000	0.000
GR	5140.000	1000.000	5134.000	1210.000	5134.000	1340.000	5132.000	1540.000	1550.000
GR	5120.000	1600.000	5120.000	1615.000	5122.000	1630.000	5130.000	1670.000	1685.000
GR	5134.700	1770.000	5136.000	2520.000	0.000	0.000	0.000	0.000	0.000
X1	406.000	11.000	1705.000	1845.000	1110.000	1160.000	1130.000	0.000	0.000
GR	5140.000	1000.000	5130.000	1410.000	5129.500	1570.000	5128.000	1705.000	1730.000
GR	5115.000	1760.000	5120.000	1795.000	5128.000	1845.000	5128.800	2180.000	3020.000
GR	5140.000	3075.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NC	0.040	0.040	0.035	0.000	0.000	0.000	0.000	0.000	0.000

X1	GR	408.000	13.000	1370.000	1410.000	752.000	690.000	585.000	0.000	0.000	0.000	0.000
GR	5130.000	1000.000	5128.000	1075.000	5126.000	1180.000	5124.000	1255.000	5122.000	1370.000	0.000	0.000
GR	5110.000	1380.000	5107.000	1390.000	5110.000	1395.000	5120.000	1410.000	5122.000	1840.000	0.000	0.000
GR	5124.000	2135.000	5126.000	2300.000	5130.000	2565.000	0.000	0.000	0.000	0.000	0.000	0.000
X1	GR	409.000	24.000	1920.000	2030.000	370.000	430.000	560.000	0.000	0.000	0.000	0.000
GR	5130.000	1000.000	5128.000	1040.000	5126.000	1090.000	5124.000	1190.000	5122.000	1265.000	0.000	0.000
GR	5120.000	1405.000	5118.000	1485.000	5118.000	1795.000	5118.000	1860.000	5116.000	1920.000	0.000	0.000
GR	5114.000	1980.000	5112.000	1940.000	5110.000	1960.000	5104.000	1970.000	5103.000	1975.000	0.000	0.000
GR	5124.000	2260.000	5126.000	2340.000	5128.000	2420.000	5130.000	2470.000	5122.000	2190.000	0.000	0.000
X1	GR	410.000	10.000	1555.000	1680.000	990.000	1050.000	900.000	0.000	0.000	0.000	0.000
GR	5116.000	1000.000	5114.000	1160.000	5112.000	1555.000	5100.000	1575.000	5099.000	1580.000	0.000	0.000
GT	510.000	1590.000	5110.000	1660.000	5112.000	1680.000	5114.000	1880.000	5120.000	2020.000	0.000	0.000
ET	0.000	4360.000	9220.000	14890.000	29780.000	2000.000	0.000	1000.000	0.000	0.000	0.000	0.000
7. 4. 5020.93 5025.16 5027.29 5031.70												
X1	GR	412.000	11.000	1950.000	2175.000	850.000	930.000	930.000	0.000	0.000	0.000	0.000
X5	GR	4.000	5099.800	5102.500	5103.700	5106.600	0.000	0.000	0.000	0.000	0.000	0.000
GR	5112.000	1000.000	5108.000	1120.000	5106.000	1500.000	5106.000	1800.000	5100.000	1950.000	0.000	0.000
GR	5094.000	2040.000	5093.000	2080.000	5094.000	2110.000	5100.000	2175.000	5110.000	2250.000	0.000	0.000
ET	5120.000	2490.000	6.100	0.000	6.100	0.000	1000.000	0.000	0.000	0.000	0.000	0.000
NC	0.045	0.045	0.040	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7. 4. 5086.82 5090.67 5094.60 5096.80												
X1	GR	414.000	13.000	2125.000	2225.000	520.000	660.000	710.000	0.000	0.000	0.000	0.000
GR	5106.000	1000.000	5102.000	1250.000	5100.000	1465.000	5098.000	1800.000	5098.000	2125.000	0.000	0.000
GR	5090.000	2155.000	5088.000	2200.000	5090.000	2210.000	5100.000	2225.000	5102.000	2235.000	0.000	0.000
GR	5104.000	2280.000	5108.000	2420.000	5110.000	2465.000	0.000	0.000	0.000	0.000	0.000	0.000
GR	5110.000	3185.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7. 4. 5086.82 5090.67 5094.60 5096.80												
X1	GR	4141.000	21.000	2330.000	2420.000	630.000	620.000	670.000	0.000	0.000	0.000	0.000
GR	5110.000	1000.000	5100.000	1390.000	5098.000	1425.000	5096.000	1540.000	5094.000	1780.000	0.000	0.000
GR	5093.000	2120.000	5093.100	2210.000	5092.000	2310.000	5090.000	2330.000	5078.000	2375.000	0.000	0.000
GR	5078.000	2405.000	5090.000	2420.000	5094.000	2435.000	5094.500	2470.000	5093.700	2550.000	0.000	0.000
GR	5096.000	2690.000	5097.000	2760.000	5097.000	2850.000	5098.000	2910.000	5100.000	2980.000	0.000	0.000
GR	5110.000	3185.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

[illegible]

	X1	4156.000	23.000	1520.000	1680.000	930.000	960.000	965.000	0.000	0.000	0.000	0.000	0.000
	GR	5050.000	1000.000	5040.000	1240.000	5038.000	1320.000	5036.000	1340.000	5036.000	1375.000	0.000	0.000
	GR	5035.000	1385.000	5036.000	1395.000	5032.000	1500.000	5030.000	1520.000	5020.000	1540.000	0.000	0.000
	GR	5016.000	1560.000	5014.000	1620.000	5011.700	1630.000	5011.700	1650.000	5020.000	1665.000	0.000	0.000
	GR	5030.000	1680.000	5031.400	1820.000	5031.500	1945.000	5031.700	1995.000	5031.500	2210.000	0.000	0.000
	GR	5032.000	2260.000	5040.000	2390.000	5050.000	2510.000	0.000	0.000	0.000	0.000	0.000	0.000
	X1	420.000	15.000	1285.000	1370.000	1090.000	1010.000	1090.000	0.000	0.000	0.000	0.000	0.000
	GR	5030.000	1000.000	5026.000	1135.000	5024.000	1235.000	5020.000	1285.000	5010.000	1310.000	0.000	0.000
	GR	5005.700	1310.000	5005.700	1340.000	5010.000	1340.000	5020.000	1370.000	5021.200	1410.000	0.000	0.000
	GR	5021.000	1510.000	5021.900	1640.000	5021.500	1690.000	5022.000	1740.000	5030.000	1910.000	0.000	0.000
	NC	0.000	0.000	0.025	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	X1	422.000	12.000	1550.000	1805.000	280.000	280.000	280.000	0.720	0.000	0.000	0.000	0.000
	GR	5024.000	1000.000	5020.000	1550.000	5010.000	1620.000	5004.000	1635.000	5002.000	1660.000	0.000	0.000
	GR	5000.000	1710.000	4999.000	1725.000	5002.000	1775.000	5004.000	1795.000	5010.000	1805.000	0.000	0.000
	GR	5030.000	1880.000	5034.000	2050.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	X1	424.000	10.000	1140.000	1310.000	1690.000	1770.000	1710.000	0.720	0.000	0.000	0.000	0.000
	GR	5024.000	1000.000	5020.000	1090.000	5000.000	1140.000	4998.000	1230.000	4997.000	1250.000	0.000	0.000
	GR	4998.000	1265.000	5000.000	1280.000	5010.000	1310.000	5020.000	1335.000	5026.000	1380.000	0.000	0.000
	NC	0.000	0.000	0.017	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	X1	426.000	6.000	1145.000	1195.000	640.000	640.000	640.000	0.000	0.000	0.000	0.000	0.000
	GR	5016.000	1090.000	4990.000	1145.000	4982.300	1155.000	4982.300	1180.000	4990.000	1195.000	0.000	0.000
	GR	5010.000	1240.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	X1	428.000	6.000	1145.000	1195.000	1380.000	1280.000	1320.000	0.000	-15.000	0.000	0.000	0.000
	GR	5016.000	1070.000	4990.000	1145.000	4985.000	1155.000	4985.000	1180.000	4990.000	1195.000	0.000	0.000
	GR	5010.000	1210.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	X1	429.000	9.000	1080.000	1165.000	640.000	630.000	640.000	0.000	0.000	0.000	0.000	0.000
	GR	4978.000	1000.000										

SECNO	DEPTH	CMSL	CRMS	WSELK	EG	HV	HL	GLOSS	BANK ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROR	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOB	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST

*PROF 1

IHLEO = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

CCHV= 0.100 CEHV= 0.300

*SECNO 62407.000

62407.00	5.61	5671.31	5671.72	5671.31	5673.93	2.62	0.00	0.00	5674.40
4600.	0.	4600.	0.	0.	354.	0.	0.	0.	5672.90
0.00	0.00	12.99	0.00	0.060	0.030	0.060	0.000	5665.70	1034.20
0.011335	0.	0.	0.	0	7	0	0.00	89.84	1124.04

*SECNO 198.000

3301 HV CHANGED MORE THAN HVINS

198.00	5.65	5635.65	5637.77	0.00	5642.38	6.73	31.14	0.41	5630.00
4600.	673.	3359.	568.	83.	141.	63.	13.	3.	5630.00
0.03	8.10	23.80	9.00	0.060	0.030	0.060	0.030	5630.00	1067.66
0.022966	1770.	1820.	1810.	6	11	0	0.00	76.46	1144.11

*SECNO 200.000

3301 HV CHANGED MORE THAN HVINS

200.00	3.86	5609.86	5610.15	0.00	5611.94	2.07	29.04	1.40	5630.00
4600.	0.	4600.	0.	0	398.	0.	27.	8.	5620.00
0.07	0.00	11.56	0.00	0.060	0.030	0.060	0.030	5606.00	1140.68
0.011539	1710.	1790.	1790.	4	15	0	0.00	123.63	1264.32

*SECNO 202.000

3301 HV CHANGED MORE THAN HVINS

202.00	3.75	5586.75	5587.82	0.00	5590.10	3.35	21.71	0.13	5590.00
4600.	0.	4600.	0.	0	313.	0.	36.	11.	5600.00
0.09	0.00	14.70	0.00	0.060	0.030	0.060	0.030	5583.00	1158.87
0.030824	1060.	1025.	910.	6	11	0	0.00	142.14	1301.01

SECNO	DEPTH	CWSEL	CRIMS	WSELX	EG	HV	HL	DLSS	BANK	ELEV
TIME	QLOB	OCH	QROB	ALOB	ACH	AROB	VDL	TWA	LEFT	RIGHT
SLOPE	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	FLMIN	SSTA	ENDST
	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID		
*SECNO 204.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
204.00	4.86	5567.86	5567.86	0.00	5569.41	1.55	15.24	9.39	5570.00	
460.0	0.0	4600.0	0.0	0.0	460.0	0.0	46.0	15.0	5570.00	
0.12	0.00	10.00	0.00	0.045	0.035	0.045	0.031	5563.00	1056.79	
0.012546	970.	1215.	1260.	20	11	0	0.00	150.34	1207.14	
*SECNO 206.000										
206.00	3.13	5556.13	5556.42	0.00	5557.65	1.52	11.75	0.01	5560.00	
460.0	0.0	4600.0	0.0	0.0	464.0	0.0	54.0	18.0	5560.00	
0.14	0.00	9.90	0.00	0.045	0.035	0.045	0.031	5553.00	1054.67	
0.021757	770.	685.	550.	5	19	0	0.00	233.40	1288.08	
*SECNO 207.000										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
207.00	3.43	5549.93	5549.93	0.00	5551.08	1.14	5.39	1.53	5553.50	
460.0	0.0	4600.0	0.0	0.0	536.0	0.0	58.0	20.0	5553.50	
0.15	0.00	8.58	0.00	0.045	0.035	0.045	0.032	5546.50	1053.91	
0.013818	385.	390.	425.	20	8	0	0.00	237.45	1291.37	
*SECNO 208.000										
3370 NORMAL BRIDGE,NRD= 39 MIN ELTRD= 5559.30 MAX ELLC= 5563.30										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
208.00	14.54	5561.04	5561.04	0.00	5562.26	1.22	0.43	2.06	5548.00	
460.0	7.1	4025.0	504.0	23.0	434.0	0.4	58.0	20.0	5559.40	
0.15	3.15	9.27	5.36	0.045	0.035	0.045	0.032	5546.50	1270.38	
0.021732	20.	20.	20.	20	11	0	-1548.23	316.04	1586.42	

SECNO	DEPTH	CWSEL	CRIMS	WSSEL	EG	HV	HL	GROSS	BANK	FILE
Q	QLOB	GCH	GROR	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	FLMIN	SSTA	ENDST
SLOPE	XLOB	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID		
*SECNO 209.000										
WATER EL=X5 CARD= 5560.410										
3301 HV CHANGED MORE THAN HVINS										
3370 NORMAL BRIDGE, NRD= 39 MIN ELTRD= 5559.30 MAX ELIC= 5562.80										
7185 MINIMUM SPECIFIC ENERGY										
209.00	14.41	5560.41	5560.87	0.00	5562.15	1.73	1.20	0.05	5547.50	
4600	8	4040	552	4	367	82	59	20	5558.90	
0.16	2.24	11.00	6.71	0.045	0.035	0.045	0.032	5546.00	1271.55	
0.038226	40.	40.	40.	0	7	0	-1605.11	310.30	1581.86	
*SECNO 209.400										
3301 HV CHANGED MORE THAN HVINS										
209.40	2.22	5544.22	5546.48	0.00	5554.33	10.11	6.98	0.84	5546.00	
4600	0	4600	0	0	180	0	59	21	5546.00	
0.16	0.00	25.52	0.00	0.045	0.035	0.045	0.032	5542.00	1401.19	
0.161221	70.	70.	70.	4	17	0	0.00	98.15	1499.34	
*SECNO 209.600										
3301 HV CHANGED MORE THAN HVINS										
209.60	2.99	5542.99	5543.42	0.00	5545.02	2.03	6.88	2.42	5544.00	
4600	0	4600	0	0	402	0	60	21	5550.00	
0.16	0.00	11.45	0.00	0.045	0.035	0.045	0.032	5540.00	1476.35	
0.020406	120.	120.	120.	4	14	0	0.00	154.51	1630.87	
*SECNO 210.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL, CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
210.00	3.75	5540.75	5540.75	0.00	5542.13	1.37	2.65	2.89	5540.00	
4600	2.4	4570	6	13	484	3	63	22	5540.00	
0.17	1.87	9.44	1.86	0.045	0.035	0.045	0.032	5537.00	1441.10	
0.011775	225.	225.	225.	20	11	0	0.00	207.94	1649.04	

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	CLOSS	BANK ELEV
TIME	QLOB	QCH	GROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
SLOPE	VLGBL	VCH	VROB	XNL	XNCH	XNR	WTN	FLMIN	SSTA
	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 212.000									
212.00	2.00	5522.00	5522.12	0.00	5523.02	1.01	19.00	0.11	5524.00
460.0	0.0	460.0	0.0	0.0	570.0	0.0	78.0	30.0	5522.00
0.021	0.00	8.07	0.00	0.045	0.035	0.045	0.032	5520.00	1855.01
0.018881	1140.	1240.	1330.	3	11	0	0.00	349.97	2204.98
*SECNO 214.000									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3693 PROBABLE MINIMUM SPECIFIC ENERGY									
3720 CRITICAL DEPTH ASSUMED									
214.00	2.75	5503.75	5503.75	0.00	5504.50	0.75	15.96	15.75	5502.00
460.0	425.	3617.	558.	134.	472.	176.	100.	45.	5502.00
0.027	3.17	7.66	3.17	0.045	0.035	0.045	0.033	5501.00	1326.92
0.011035	1460.	1445.	1460.	20	11	0	0.00	564.28	1891.19
*SECNO 216.000									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3693 PROBABLE MINIMUM SPECIFIC ENERGY									
3720 CRITICAL DEPTH ASSUMED									
216.00	1.92	5485.92	5485.92	0.00	5486.41	0.49	23.05	-3.90	5486.00
430.0	0.0	3174.	1126.	0.0	518.	294.	125.	66.	5485.00
0.034	0.00	6.12	3.83	0.045	0.035	0.045	0.033	5484.00	1155.40
0.016958	1380.	1370.	1310.	20	19	0	0.00	815.63	1971.03
*SECNO 218.000									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3693 PROBABLE MINIMUM SPECIFIC ENERGY									
3720 CRITICAL DEPTH ASSUMED									
218.00	2.50	5470.50	5470.50	0.00	5471.26	0.76	18.65	14.15	5470.00
430.0	5.	4294.	1.	3.	615.	1.	145.	83.	5470.00
0.038	1.64	6.98	1.63	0.045	0.035	0.045	0.033	5468.00	1432.63
0.015736	1185.	1185.	1185.	20	11	0	0.00	425.25	1857.88
*SECNO 220.000									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3693 PROBABLE MINIMUM SPECIFIC ENERGY									
3720 CRITICAL DEPTH ASSUMED									
220.00	2.07	5453.57	5453.57	0.00	5454.43	0.86	20.60	1.17	5452.00
430.0	153.	4129.	18.	46.	546.	5.	165.	96.	5452.00
0.044	3.36	7.56	3.30	0.045	0.035	0.045	0.033	5451.50	1462.06
0.014246	1490.	1445.	1580.	20	15	0	0.00	364.82	1826.87

[illegible]

SECNO	DEPTH	QTIME	QLOB	QCH	CRIMS	WSELK	EG	HV	HL	OLSS	RANK	ELEV
SLOPE	XLORL	XLCH	XLORR	XLORR	ITRIAL	IDC	ICORR	ICORR	ICORR	ELMIN	LEFT	RIGHT
302.00	1.83	5330.83	5330.83	3982.8	0.00	5331.34	0.51	87.75	25.23	5333.00		
4300.2	0.00	318.0	3982.8	5.78	0.045	60.5	689.5	0.034	176.0	5333.00		
0.026579	3260.	3285.	3320.		20	17	0.045	0.00	746.30	2916.45		
*SECNO 304.000												
3840 SECTION NOT HIGH ENOUGH 5406.396 5365.000 5300.000 5365.000 5330.823 2												
3685 20 TRIALS ATTEMPTED WSEL, CWSSEL												
3693 PROBABLE MINIMUM SPECIFIC ENERGY												
3720 CRITICAL DEPTH ASSUMED												
304.00	6.36	5306.36	5306.36	1375.6	0.00	5307.04	0.68	12.31	45.92	5305.00		
4300.2	152.0	2773.0	1375.6	8.03	90.5	345.5	521.0	0.034	222.0	5305.00		
0.004360	1.69	2860.	2800.		0.045	0.035	0.045	0.00	5300.00	1467.90		
*SECNO 306.000												
3301 HV CHANGED MORE THAN HVINS												
306.00	5.61	5280.61	5281.46	39.0	0.00	5282.81	2.21	24.08	0.15	5280.00		
4300.2	30.0	4230.0	39.0		18.5	352.5	24.0	0.034	252.0	5280.00		
0.012262	1.01	12.02	1.66		0.045	0.035	0.045	0.00	5275.00	1434.62		
*SECNO 308.000												
3840 SECTION NOT HIGH ENOUGH 5307.849 5306.000 5245.000 5306.000 5280.609 2												
3265 DIVIDED FLOW												
3301 HV CHANGED MORE THAN HVINS												
3685 20 TRIALS ATTEMPTED WSEL, CWSSEL												
3693 PROBABLE MINIMUM SPECIFIC ENERGY												
3720 CRITICAL DEPTH ASSUMED												
308.00	10.21	5255.21	5255.21	258.0	0.00	5256.49	1.28	24.49	40.83	5255.00		
4920.0	1.0	4661.0	258.0		2.0	501.0	125.0	0.034	274.0	5255.00		
0.007351	0.64	9.31	2.07		0.045	0.035	0.045	0.00	5245.00	1055.06		
*SECNO 309.000												
3840 SECTION NOT HIGH ENOUGH 5307.849 5306.000 5245.000 5306.000 5280.609 2												
3265 DIVIDED FLOW												
3301 HV CHANGED MORE THAN HVINS												
3685 20 TRIALS ATTEMPTED WSEL, CWSSEL												
3693 PROBABLE MINIMUM SPECIFIC ENERGY												
3720 CRITICAL DEPTH ASSUMED												
309.00	10.21	5255.21	5255.21	258.0	0.00	5256.49	1.28	24.49	40.83	5255.00		
4920.0	1.0	4661.0	258.0		2.0	501.0	125.0	0.034	274.0	5255.00		
0.007351	0.64	9.31	2.07		0.045	0.035	0.045	0.00	5245.00	1055.06		

[illegible]

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	OLESS	BANK
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT
TIME	VLOB	VCH	VROB	XLBL	XCCH	XNR	WTN	ELMIN	RIGHT
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
3720 CRITICAL	DEPTH ASSUMED								
315.00	7.86	5171.66	5171.66	0.00	5174.11	2.45	12.66	8.15	5173.80
4920.	0.	4920.	0.	0.	392.	0.	532.	304.	5178.80
1.334	0.00	12.56	0.00	0.045	0.035	0.045	0.034	5163.80	1379.49
0.011301	900.	1120.	700.	20	8	0	0.00	81.66	1461.15
*SECNO 316.000									
3301 HV CHANGED MORE THAN HVINS									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3693 PROBABLE MINIMUM SPECIFIC ENERGY									
3720 CRITICAL	DEPTH ASSUMED								
316.00	9.65	5164.65	5164.65	0.00	5167.73	3.08	12.35	0.22	5175.00
4920.	0.	4920.	0.	0.	349.	0.	542.	306.	5178.00
1.336	0.00	14.08	0.00	0.045	0.035	0.045	0.034	5155.00	1520.77
0.011030	900.	1120.	700.	20	11	0	0.00	58.45	1579.23
*SECNO 400.000									
3301 HV CHANGED MORE THAN HVINS									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3693 PROBABLE MINIMUM SPECIFIC ENERGY									
3720 CRITICAL	DEPTH ASSUMED								
400.00	6.81	5158.81	5158.81	0.00	5161.21	2.40	15.40	8.30	5164.00
4520.	0.	4520.	0.	0.	364.	0.	553.	308.	5162.00
1.339	0.00	12.43	0.00	0.045	0.035	0.040	0.034	5152.00	1328.73
0.011157	1380.	1380.	1370.	20	19	0	0.00	76.80	1405.53
*SECNO 402.000									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3693 PROBABLE MINIMUM SPECIFIC ENERGY									
3720 CRITICAL	DEPTH ASSUMED								
402.00	7.10	5144.10	5144.10	0.00	5146.27	2.17	19.39	13.45	5150.00
4520.	0.	4520.	0.	0.	382.	0.	568.	311.	5150.00
1.43	0.00	11.82	0.00	0.045	0.035	0.040	0.034	5137.00	1320.64
0.011472	1690.	1690.	1690.	20	8	0	0.00	89.88	1410.52

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[illegible]

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	HV	HL	GROSS	BANK
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	FLMIN	RIGHT
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	SSTA
									ENDST

3301 HV CHANGED MORE THAN HVINS

3685	20	TRIALS	ATTEMPTED	WSEL	CWSEL				
3693		PROBABLE	MINIMUM	SPECIFIC	ENERGY				
3720		CRITICAL	DEPTH	ASSUMED					
408.00	15.21	5122.21	5122.21	0.00	5123.13	0.92	3.34	12.68	5122.00
4520.0	1.1	3326.21	1193.0	1.1	376.0	524.0	611.0	325.0	5120.00
1.54	0.45	8.85	12.28	0.040	0.035	0.040	0.034	5107.00	1357.87
0.002941	1110.	1130.	1160.	20	18	0	0.00	513.24	1871.11

*SECNO 409.000

3301 HV CHANGED MORE THAN HVINS

409.00	9.55	5112.55	5113.40	0.00	5116.05	3.50	6.82	0.26	5116.00
4520.0	0.0	4520.2	0.0	0.0	301.5	0.040	620.0	330.0	5118.00
1.56	0.00	15.02	0.00	0.040	0.035	0.040	0.034	5103.00	1937.25
0.019822	752.	585.	690.	5	19	0	0.00	72.31	2009.56

*SECNO 410.000

3301 HV CHANGED MORE THAN HVINS

3685	20	TRIALS	ATTEMPTED	WSEL	CWSEL				
3693		PROBABLE	MINIMUM	SPECIFIC	ENERGY				
3720		CRITICAL	DEPTH	ASSUMED					
410.00	8.55	5107.55	5107.55	0.00	5109.90	2.35	6.47	7.90	5112.00
4520.0	0.0	4520.29	0.0	0.0	368.0	0.040	624.0	331.0	5112.00
1.57	0.00	12.29	0.00	0.040	0.035	0.040	0.034	5099.00	1562.42
0.011552	370.	560.	430.	20	15	0	0.00	80.44	1642.85

*SECNO 412.000
WATER EL=X5 CARD= 5099.800

3301 HV CHANGED MORE THAN HVINS

7185 MINIMUM SPECIFIC ENERGY
3470. ENCROACHMENT STATIONS= 2000.0 TYPE= 1 TARGET= -2000.000

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[illegible]

SECNO	DEPTH	CWSEL	CRIMS	MSELK	EG	HV	HL	GROSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	WTN	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	CORAR	ELMIN	SSTA	ENDST
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT		TOPWID		
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL	12.17	5075.17	5075.17	0.00	5078.46	3.28	18.32	11.70	5078.00	
4144.00	0.00	4360.00	0.00	0.00	300.00	0.00	659.00	339.00	5078.00	
1.66	0.00	14.54	0.00	0.045	0.040	0.045	0.035	5063.00	1260.60	
0.016964	1000.	1080.	995.	20	14	0	0.00	46.57	1307.17	
*SECNO 4146.000										
3685 20 TRIALS ATTEMPTED WSEL/CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL	9.40	5066.90	5066.90	0.00	5069.93	3.04	15.18	11.25	5070.00	
4146.00	0.00	4360.00	0.00	0.00	312.00	0.00	666.00	340.00	5070.00	
1.68	0.00	13.99	0.00	0.045	0.040	0.045	0.035	5057.50	1129.97	
0.014671	1010.	1035.	960.	20	15	0	0.00	52.27	1182.24	
*SECNO 4148.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL/CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL	12.25	5058.25	5058.25	0.00	5062.57	4.32	27.76	12.81	5060.00	
4148.00	0.00	4360.00	0.00	0.00	261.00	0.00	676.00	341.00	5060.00	
1.71	0.00	16.69	0.00	0.045	0.040	0.045	0.035	5046.00	2031.75	
0.018264	1490.	1520.	1365.	20	14	0	0.00	31.99	2063.75	
*SECNO 4152.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL/CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL	9.56	5047.76	5047.76	0.00	5051.17	3.41	18.51	11.91	5052.00	
4152.00	0.00	4360.00	0.00	0.00	294.00	0.00	684.00	342.00	5054.00	
1.73	0.00	14.81	0.00	0.045	0.040	0.045	0.035	5038.20	2002.24	
0.014992	1210.	1235.	1300.	20	15	0	0.00	43.97	2046.21	

SECNO	DEPTH	QLOB	CMSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	RANK	ELEV
TIME	VLOB	VCH	OROB	ALOB	ACH	AROB	WTN	TWA	LEFT	RIGHT	
SLOPE	XLOBL	XLCH	VROB	XNL	XNCH	XNR	CORAR	FLMIN	SSTA	ENDST	
*SECNO 4154.000											
3301 HV CHANGED MORE THAN HVINS											
3685	20	TRIALS	ATTEMPTED	WSEL	CMSEL						
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY							
3720	CRITICAL	DEPTH	ASSUMED								
4154.00	6.93	5030.73	5030.73	0.00	5032.81	2.08	32.83	24.50	5040.00		
4360.0	0.0	4360.0	0.0	0.0	376.0	0.0	700.0	346.0	5040.00		
1.78	0.00	11.58	0.00	0.045	0.040	0.045	0.035	5023.80	1224.64		
0.015633	1970.0	2100.0	1780.0	20	19	0	0.00	92.91	1317.54		
*SECNO 4156.000											
3685 20 TRIALS ATTEMPTED WSEL,CMSEL											
3693 PROBABLE MINIMUM SPECIFIC ENERGY											
3720 CRITICAL DEPTH ASSUMED											
4156.00	6.26	5017.96	5017.96	0.00	5019.81	1.85	29.26	23.45	5030.00		
4360.0	0.0	4360.0	0.0	0.0	399.0	0.0	717.0	350.0	5030.00		
1.83	0.00	10.92	0.00	0.045	0.040	0.045	0.035	5011.70	1550.18		
0.016078	1660.0	1820.0	1370.0	20	15	0	0.00	111.15	1661.32		
*SECNO 420.000											
3301 HV CHANGED MORE THAN HVINS											
3685	20	TRIALS	ATTEMPTED	WSEL	CMSEL						
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY							
3720	CRITICAL	DEPTH	ASSUMED								
420.00	8.75	5014.45	5014.45	0.00	5017.39	2.94	15.87	9.02	5020.00		
4360.0	0.0	4360.0	0.0	0.0	317.0	0.0	724.0	352.0	5020.00		
1.85	0.00	13.75	0.00	0.045	0.040	0.045	0.035	5005.70	1298.87		
0.016446	930.0	965.0	960.0	20	11	0	0.00	54.49	1353.36		
*SECNO 422.000											
3301 HV CHANGED MORE THAN HVINS											
3685	20	TRIALS	ATTEMPTED	WSEL	CMSEL						
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY							
3720	CRITICAL	DEPTH	ASSUMED								
420.00	8.75	5014.45	5014.45	0.00	5017.39	2.94	15.87	9.02	5020.00		
4360.0	0.0	4360.0	0.0	0.0	317.0	0.0	724.0	352.0	5020.00		
1.85	0.00	13.75	0.00	0.045	0.040	0.045	0.035	5005.70	1298.87		
0.016446	930.0	965.0	960.0	20	11	0	0.00	54.49	1353.36		

3685 20 TRIALS ATTEMPTED WSEL,CMSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HI	GLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROR	WTN	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	CORAR	ELMIN	SSTA	ENDST
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT		TOPWID		
422.00	5.81	5004.81	5004.81	0.00	5006.57	1.76	6.72	10.54	5020.00	
4360.0	0.0	4360.0	0.0	0.0	409.0	0.0	734.0	354.0	5010.00	
1.88	0.00	10.65	0.00	0.045	0.025	0.045	0.035	4999.00	1455.74	
0.006161	1090.0	1090.0	1010.0	20	14	0	0.00	117.63	1573.37	
*SECNO 424.000										
3301 HV CHANGED MORE THAN HVINS										
424.00	5.08	5002.08	5002.47	0.00	5004.44	2.36	2.08	0.06	5000.00	
4360.0	11.0	4349.0	0.0	0.4	353.0	0.0	736.0	355.0	5010.00	
1.88	288.0	12.33	0.00	0.045	0.025	0.045	0.035	4997.00	1097.06	
0.008671	280.0	280.0	280.0	4	11	0	0.00	109.03	1206.09	
*SECNO 426.000										
3301 HV CHANGED MORE THAN HVINS										
426.00	7.12	4989.42	4990.37	0.00	4993.78	4.35	10.46	0.20	4990.00	
4360.0	0.0	4360.0	0.0	0.0	260.0	0.0	748.0	358.0	4990.00	
1.91	0.00	16.75	0.00	0.045	0.017	0.045	0.035	4982.30	1145.75	
0.004313	1690.0	1710.0	1770.0	4	14	0	0.00	48.12	1193.87	
*SECNO 428.000										
3301 HV CHANGED MORE THAN HVINS										
428.00	4.49	4974.49	4977.44	0.00	4985.63	11.13	7.48	0.68	4975.00	
4360.0	0.0	4360.0	0.0	0.0	163.0	0.0	751.0	358.0	4975.00	
1.92	0.00	26.77	0.00	0.045	0.017	0.045	0.035	4970.00	1146.01	
0.019049	640.0	640.0	640.0	8	8	0	0.00	47.47	1193.48	
*SECNO 429.000										
3301 HV CHANGED MORE THAN HVINS										
429.00	5.19	4958.89	4961.42	0.00	4966.63	7.74	17.98	1.02	4970.00	
4360.0	0.0	4360.0	0.0	0.0	195.0	0.0	757.0	360.0	4970.00	
1.93	0.00	22.33	0.00	0.045	0.017	0.045	0.034	4953.70	1100.35	
0.009738	1380.0	1320.0	1280.0	7	14	0	0.00	39.29	1139.65	

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*****
HEC2 RELEASE DATED NOV 76 UPDATED APR - 1980
*****
ERROR CORR - 01,02,03,04
MODIFICATION - 50,51,52,53,54
*****

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THIS RUN EXECUTED 28-JAN-82 13:42:50

T1	TIJERAS ARROYO FROM CITY LIMITS OF THE VILLAGE OF TIJERAS
T2	TO THE EAST LEVEE OF THE RIO GRANDE - SUPERCRITICAL RUN
T3	TIJERAS ARROYO 50 YR

[illegible]

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94		100

SECNO	DEPTH	CMSL	CRIMS	WSELK	EG	HV	HI	GLOSS	BANK	ELEV
Q	QLOB	OCH	GROB	ALOB	ACH	AROB	WTN	TWAIN	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	CORAR	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT		TOPWID	ENDST	

*PROF 2

THLEO = 1 THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

CCHV= 0.100 CEHV= 0.300

*SECNO 62407.000

198.00	8.61	5638.61	5641.34	0.00	5647.13	8.52	30.69	0.35	5630.00
9550.0	2009.0	6086.0	1454.0	195.0	215.0	139.0	22.0	4.0	5630.00
0.02	10.29	28.28	10.45	0.060	0.030	0.060	0.030	5630.00	1056.96
0.018474	1770.0	1820.0	1810.0	0.060	0.030	0.060	0.030	101.08	1158.04

*SECNO 198.000

3840 SECTION NOT HIGH ENOUGH 5700.775 5700.000 5630.000 0.000

3301 HV CHANGED MORE THAN HVINS

198.00	8.61	5638.61	5641.34	0.00	5647.13	8.52	30.69	0.35	5630.00
9550.0	2009.0	6086.0	1454.0	195.0	215.0	139.0	22.0	4.0	5630.00
0.02	10.29	28.28	10.45	0.060	0.030	0.060	0.030	5630.00	1056.96
0.018474	1770.0	1820.0	1810.0	0.060	0.030	0.060	0.030	101.08	1158.04

*SECNO 200.000

3301 HV CHANGED MORE THAN HVINS

200.00	5.27	5611.27	5612.39	0.00	5615.50	4.24	30.34	1.28	5630.00
9550.0	0.00	9550.0	0.00	0.00	578.0	0.00	45.0	9.0	5620.00
0.05	0.00	16.52	0.00	0.060	0.030	0.060	0.030	5606.00	1136.83
0.015701	1710.0	1790.0	1790.0	0.060	0.030	0.060	0.030	131.98	1268.81

*SECNO 202.000

202.00	5.19	5588.19	5589.62	0.00	5592.91	4.72	22.55	0.05	5590.00
9550.0	0.00	9550.0	0.00	0.00	548.0	0.00	59.0	13.0	5600.00
0.07	0.00	17.44	0.00	0.060	0.030	0.060	0.030	5583.00	1129.07
0.028293	1060.0	1025.0	910.0	0.060	0.030	0.060	0.030	180.35	1309.42

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	WTN	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	CORAR	ELMIN	SSTA	ENDST
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT		TOPWID		

*SECNO 204.000

3301 HV CHANGED MORE THAN HVINS

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

204.00	6.90	5569.90	5569.90	0.00	5572.10	2.21	13.46	19.46	5570.00	
9550.	0.	9550.	0.	0.	801.	0.	77.	18.	5570.00	
0.10	0.00	11.92	0.00	0.045	0.035	0.045	0.031	5563.00	1040.76	
0.011082	970.	1215.	1260.	20	11	0	0.00	183.40	1224.16	

*SECNO 206.000

3301 HV CHANGED MORE THAN HVINS

206.00	4.17	5557.17	5557.88	0.00	5559.95	2.78	12.09	0.06	5560.00	
9550.	0.	9550.	0.	0.	714.	0.	89.	21.	5560.00	
0.11	0.00	13.38	0.00	0.045	0.035	0.045	0.031	5553.00	1052.08	
0.024228	770.	685.	550.	6	19	0	0.00	247.23	1299.31	

*SECNO 207.000

3301 HV CHANGED MORE THAN HVINS

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

207.00	4.91	5551.41	5551.41	0.00	5553.15	1.75	4.59	2.74	5553.50	
9550.	0.	9550.	0.	0.	900.	0.	97.	23.	5553.50	
0.12	0.00	10.61	0.00	0.045	0.035	0.045	0.032	5546.50	1050.23	
0.011781	385.	390.	425.	20	8	0	0.00	257.09	1307.32	

*SECNO 208.000

3370 NORMAL BRIDGE,NRD= 39 MIN ELTRD= 5559.30 MAX ELLC= 5563.30

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

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SECNO	DEPTH	Q	TIME	SLOPE	QLOB	VLOB	XLOBL	QCH	VCH	XLCH	CRWS	QROB	VROB	XROBR	WSELK	ALOB	XNL	ITRIAL	EG	ACH	XNCH	IDC	HV	AROB	XNR	ICONT	HL	VOL	WTN	CORAR	QLOSS	TWA	ELMIN	TOPWID	BANK	LEFT	RIGHT	STA	ENDST	
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY																																				
3720	CRITICAL	DEPTH	ASSUMED																																					
210.00		5.74	5542.74	5542.74																																				
9550.0		711.2	8680.0	160.0																																				
0.007577		225.0	225.0	225.0																																				
*SECNO	212.000	2.75	5522.75	5523.24	0.00	5524.77	2.02	19.56	0.04	5524.00																														
212.00		0.0	9545.0	5.0																																				
9550.0		0.0	0.0	11.41	2.63	0.045	0.035	0.045	0.032	5520.00																														
0.024048		1140.0	1240.0	1330.0	6	11	0	0.00	371.50	2209.75																														
*SECNO	214.000																																							
3301	HV	CHANGED	MORE	THAN	HVINS																																			
3685	20	TRIALS	ATTEMPTED	WSEL,CWSEL																																				
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY																																				
3720	CRITICAL	DEPTH	ASSUMED																																					
214.00		3.70	5504.70	5504.70																																				
9550.0		1438.0	6253.0	1859.0																																				
0.010189		1460.0	1445.0	1460.0	0.00	5505.70	1.00	14.75	8.47	5502.00																														
*SECNO	216.000	2.52	5486.52	5486.55	0.00	5487.33	0.81	18.31	0.06	5486.00																														
216.00		1.00	6267.0	2803.0	6.0	789.0	5.28	21.0	7.8	5485.00																														
9080.0		1.73	7.95	5.31	0.045	0.035	0.045	0.033	0.033	5484.00																														
0.016821		1380.0	1370.0	1310.0	2	19	0	0.00	887.65	2010.82																														
*SECNO	218.000	3.49	5471.49	5471.49	0.00	5472.68	1.19	15.14	11.77	5470.00																														
3685	20	TRIALS	ATTEMPTED	WSEL,CWSEL																																				
3710	WSEL	ASSUMED	BASED ON MIN DIFF																																					
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY																																				
3720	CRITICAL	DEPTH	ASSUMED																																					
218.00		3.49	5471.49	5471.49	0.00	5472.68	1.19	15.14	11.77	5470.00																														
9080.0		8.4	8977.0	19.0	0.045	0.035	0.045	0.033	0.033	5468.00																														
0.012776		1185.0	1185.0	1185.0	20	11	0	0.00	455.29	1863.55																														

SECNO	Q TIME SLOPE	DEPTH GLOB VLOBL	CWSEL GCH VLCH	CRIMS GLOB VROR	WSELK ALOB XNL	EG ACH XNCH	HV AROR XNR	HL VOL WTN	OLGSS TWA FLMIN	PANK LEFT/RIGHT	ELEV SSTA ENDST
*SECNO 220.000 ATTEMPTED WSEL,CWSEL											
3685	20 TRIALS	MINIMUM SPECIFIC ENERGY									
3693	PROBABLE DEPTH ASSUMED										
3720	CRITICAL DEPTH ASSUMED										
220.00	3.19	5454.69	5454.69	69	0.00	5456.03	1.33	17.32	9.68	5452.00	
9080	589	8422.4	4.33	134	0.045	883	16	277	111	5452.00	
0.011964	4.40	9.54	1580.	20	0.045	11	0	0.033	5451.50	1420.68	
									411.10	1831.78	
*SECNO 222.000 ATTEMPTED WSEL,CWSEL											
3685	20 TRIALS	MINIMUM SPECIFIC ENERGY									
3693	PROBABLE DEPTH ASSUMED										
3720	CRITICAL DEPTH ASSUMED										
222.00	4.40	5441.40	5441.40	3033	0.00	5442.68	1.28	15.63	-1.04	5440.00	
9080	117	5930	3033	37	0.045	614	380	302	121	5440.00	
0.014825	3.17	9.66	1060.	20	0.045	14	0	0.033	5437.00	1307.45	
									435.26	1742.71	
*SECNO 224.000 ATTEMPTED WSEL,CWSEL											
3685	20 TRIALS	MINIMUM SPECIFIC ENERGY									
3693	PROBABLE DEPTH ASSUMED										
3720	CRITICAL DEPTH ASSUMED										
224.00	7.91	5437.41	5437.41	0	0.00	5438.60	1.19	4.48	9.95	5434.00	
9080	3317	5763.1	0	774	0.045	548	0	325	130	5440.00	
0.005525	4.28	10.51	1000.	20	0.045	12	0	0.033	5429.50	1103.65	
									449.87	1553.52	
*SECNO 225.000											
3301 HV CHANGED MORE THAN HVINS											
225.00	4.21	5428.21	5428.86	0.00	5430.38	2.16	8.13	0.10	5426.00		
9080	839	6454.4	1787.7	165	473	375	343	139	5426.00		
0.018497	5.09	13.65	4.77	0.045	0.035	0.045	0.033	5424.00	1103.03		
	720.	685.	520.	7	14	0	0.00	699.76	1802.80		
*SECNO 226.000											

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
TIME	QLOB	VLOB	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
3265 DIVIDED FLOW										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL, CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
226.00	6.62	5414.62	5414.62	0.00	5416.15	1.53	14.38	14.49	5418.00	5419.00
9080.	0.	636.	844.	0.	80.	838.	362.	149.	5419.00	5419.00
0.45	0.00	7.95	10.07	0.045	0.035	0.045	0.033	5408.00	1515.38	1515.38
0.016868	720.	800.	900.	20	14	0	0.00	307.97	1928.08	1928.08
*SECNO 227.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL, CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
227.00	7.29	5401.29	5401.29	0.00	5403.75	2.47	10.88	9.16	5402.00	5402.00
9080.	0.	9080.	0.	0.	721.	0.	381.	154.	5402.00	5402.00
0.47	0.00	12.60	0.00	0.045	0.035	0.045	0.033	5394.00	1585.34	1585.34
0.010776	1010.	1010.	1010.	20	8	0	0.00	147.54	1732.88	1732.88
*SECNO 230.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL, CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
230.00	6.02	5390.52	5390.55	0.00	5392.53	2.01	11.09	0.14	5394.00	5394.00
9080.	0.	9080.	0.	0.	798.	0.	398.	158.	5394.00	5394.00
0.50	0.00	11.37	0.00	0.045	0.035	0.045	0.034	5384.50	1670.75	1670.75
0.011857	980.	980.	980.	2	15	0	0.00	206.23	1876.98	1876.98
*SECNO 300.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL, CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
300.00	7.72	5367.72	5368.56	0.00	5370.42	2.70	22.03	0.07	5365.00	5365.00
9080.	484.	7336.	1261.	122.	504.	319.	440.	172.	5365.00	5365.00
0.54	3.96	14.55	3.96	0.045	0.035	0.045	0.034	5360.00	1675.17	1675.17
0.009524	2020.	2070.	2140.	5	11	0	0.00	398.94	2074.11	2074.11

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	WTN	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	CORAR	FLMIN	SSTA	ENDST
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT		TOPWID		

*SECNO 302.000
3840 SECTION NOT HIGH ENOUGH 5402.870 5390.000 5329.000 5390.000 5367.725 2

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3685	20	TRIALS	ATTEMPTED	WSEL	CWSEL					
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY						
3720	CRITICAL	DEPTH	ASSUMED							
302.00	2.52	5331.52	5331.52	0.00	5332.24	0.72	77.20	21.75	5333.00	
9080.0	0.0	918.97	8162.1	0.045	132.5	1199.0	526.0	223.0	5333.01	
0.023375	3260.	3285.	3320.	20	17	0.045	0.034	5329.00	1737.01	
							0.00	942.56	2963.33	

*SECNO	304.000									
3840	SECTION	NOT	HIGH	ENOUGH	5397.975	5365.000	5300.000	5365.000	5331.512	2
3685	20	TRIALS	ATTEMPTED	WSEL	CWSEL					
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY						
3720	CRITICAL	DEPTH	ASSUMED							
304.00	7.29	5307.29	5307.29	0.00	5308.23	0.93	16.86	47.61	5305.00	
9080.0	713.0	4333.0	4033.0	255.0	411.5	1068.0	625.0	286.0	5305.00	
0.005980	2870.	2860.	2800.	0.045	0.035	0.045	0.034	5300.00	1377.53	
				20	17	0	0.00	987.25	2364.79	

*SECNO 306.000

3301 HV CHANGED MORE THAN HVINS

306.00	7.31	5282.31	5283.08	0.00	5284.60	2.29	23.49	0.14	5280.00	
9080.0	972.0	6862.3	1246.0	264.5	496.5	339.0	719.0	338.0	5280.00	
0.010248	2910.	2900.	2880.	0.045	0.035	0.045	0.034	5275.00	1266.35	
				5	8	0	0.00	606.96	1873.32	

*SECNO 308.000
3840 SECTION NOT HIGH ENOUGH 5308.903 5306.000 5245.000 5306.000 5282.323 2
3301 HV CHANGED MORE THAN HVINS

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SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HI	GLOSS	RANK	FILEV
TIME	QLOB	QCH	OROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
SLOPE	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	ENDST
	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID		
314.00	10.91	5185.91	5185.91	0.00	5188.92	3.01	16.06	13.73	5185.00	
1053.0	48.	10482.	0.	26.	751.	0.	1004.	440.	5190.00	
1.14	1.84	13.96	0.00	0.045	0.035	0.045	0.034	5175.00	1371.91	
0.008875	1800.	1810.	1855.	20	15	0	0.00	169.91	1541.82	
*SECNO 315.000										
315.00	11.13	5174.93	5175.47	0.00	5178.38	3.45	10.50	0.04	5173.80	
1053.0	83.	10447.	0.	37.	698.	0.	1024.	444.	5178.80	
1.16	2.25	14.96	0.00	0.045	0.035	0.045	0.034	5163.80	1300.75	
0.009890	900.	1120.	700.	4	8	0	0.00	166.29	1467.04	
*SECNO 316.000										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
316.00	14.02	5169.02	5169.02	0.00	5172.85	3.82	11.27	9.25	5175.00	
1053.0	0.	10530.	0.	0.	671.	0.	1042.	447.	5178.00	
1.18	0.00	15.69	0.00	0.045	0.035	0.045	0.034	5155.00	1511.95	
0.010069	900.	1120.	700.	20	11	0	0.00	89.72	1601.67	
*SECNO 400.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
400.00	10.32	5162.32	5162.32	0.00	5165.51	3.19	13.67	9.63	5164.00	
9800.	0.	9800.	0.	0.	683.	0.	1063.	451.	5162.00	
1.21	0.00	14.34	1.05	0.045	0.035	0.040	0.034	5152.00	1313.42	
0.009904	1380.	1380.	1370.	20	16	0	0.00	107.76	1421.18	
*SECNO 402.000										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
402.00	10.14	5147.14	5147.14	0.00	5150.23	3.10	17.56	1.63	5150.00	
9800.	0.	9800.	0.	0.	694.	0.	1090.	455.	5150.00	
1.24	0.00	14.12	0.00	0.045	0.035	0.040	0.034	5137.00	1310.02	
0.010389	1690.	1690.	1690.	20	5	0	0.00	115.65	1425.68	

SECNO	DEPTH	CWSEL	CRIMS	WSEL	EG	HV	HL	GLASS	BANK
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWAIN	LEFT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	RIGHT
SLOPE	XLGBL	XLCH	XLGBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	SSTA
ENDST									
*SECNO 403.000									
3301 HV CHANGED MORE THAN HVINS									
3685	20	TRIALS	ATTEMPTED	WSEL	CWSEL				
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY					
3720	CRITICAL	DEPTH	ASSUMED						
403.00	11.26	5141.26	5141.26	0.00	5144.86	3.60	6.81	5.87	5144.00
980.0	0.0	9793.3	7.7	0.05	643.5	3.3	1101.1	457.0	5140.00
1.25	0.00	15.23	2.62	0.045	0.035	0.040	0.034	5130.00	1765.87
0.009734	700.	700.	700.	20	8	0	0.00	93.34	1859.21
*SECNO 404.000									
3301 HV CHANGED MORE THAN HVINS									
3685	20	TRIALS	ATTEMPTED	WSEL	CWSEL				
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY					
3720	CRITICAL	DEPTH	ASSUMED						
404.00	10.18	5132.48	5132.48	0.00	5135.57	3.10	13.94	11.43	5136.00
980.0	0.0	9800.0	0	0	694.5	0.0	1121.1	460.0	5138.00
1.28	0.00	14.12	0.00	0.045	0.035	0.040	0.034	5122.30	1498.81
0.010252	1360.	1360.	1360.	20	11	0	0.00	114.48	1613.30
*SECNO 405.000									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY					
3720	CRITICAL	DEPTH	ASSUMED						
405.00	10.05	5130.05	5130.05	0.00	5133.08	3.04	3.63	0.41	5130.00
980.0	0.0	9800.0	0	0	701.5	0.0	1127.1	461.0	5130.00
1.29	0.03	13.98	0.04	0.045	0.035	0.040	0.034	5120.00	1549.76
0.010534	345.	345.	345.	20	5	0	0.00	120.42	1670.19
*SECNO 406.000									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY					
3720	CRITICAL	DEPTH	ASSUMED						
406.00	10.87	5125.87	5125.87	0.00	5128.87	3.00	6.88	6.31	5128.00
980.0	0.0	9800.0	0	0	705.5	0.0	1138.1	463.0	5128.00
1.30	0.00	13.90	0.00	0.045	0.035	0.040	0.034	5115.00	1711.67
0.010350	665.	665.	665.	20	8	0	0.00	119.99	1831.66

SECNO	DEPTH	CWSEL	CRIMS	MSELK	EG	HV	HL	GLOSS	HANK	ELEV
Q	QJOB	QCH	QROB	ALOB	ACH	AROB	WTN	TWA	LEFT	RIGHT
TIME	VJOB	VCH	VROB	XNL	XNCH	XNR	STA	ELMIN	SSTA	ENDST
SLOPE	XJOB	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID		

*SECNO 408.000

3301 HV CHANGED MORE THAN HVINS

3685 20 TRIALS ATTEMPTED MSEL, CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

408.00	16.51	5123.51	5123.51	0.00	5124.55	1.05	4.43	4.26	5122.00	
9800.	125.	474.4	4931.	65.	428.	1245.	1170.	474.	5120.00	
1.34	1.92	11.09	3.96	0.040	0.035	0.040	0.034	5107.00	1283.36	
0.003890	1110.	1130.	1160.	20	19	0	0.00	778.90	2062.26	

*SECNO 409.000

3301 HV CHANGED MORE THAN HVINS

409.00	13.67	5116.67	5116.75	0.00	5119.95	3.28	4.38	0.22	5116.00	
9800.	13.	9787.	0.	7.	673.	0.	1188.	481.	5118.00	
1.35	1.84	14.55	0.00	0.040	0.035	0.040	0.034	5103.00	1899.76	
0.010400	752.	585.	690.	2	14	0	0.00	125.27	2025.03	

*SECNO 410.000

410.00	11.90	5110.90	5110.98	0.00	5114.06	3.16	5.86	0.04	5112.00	
9800.	0.	9800.	0.	0.	687.	0.	1196.	483.	5112.00	
1.36	0.00	14.25	0.00	0.040	0.035	0.040	0.034	5099.00	1556.83	
0.010526	370.	560.	430.	2	13	0	0.00	112.21	1669.04	

*SECNO 412.000

WATER EL=XS CARD= 5102.500

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS= 2000.0 2490.0 TYPE= 1 TARGET= -2000.000
412.00 6.51 5099.51 5099.58 5097.50 5101.84 2.33 10.00 0.25100000.00
9220. 0. 9220. 0. 0. 753. 0. 1211. 486. 5100.00
1.39 0.00 12.25 0.00 0.040 0.035 0.040 0.034 5093.00 2000.00
0.011703 990. 900. 1050. 0 11 0.00 0.00 169.74 2169.74

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[illegible]

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	CROSS	RANK	ELEV
Q	QLOB	QCH	GROB	ALOB	ACH	AROB	VL	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	ENDST
SLOPE	XLGBL	XLCH	XLGBR	ITRIAL	IDC	ICONT	CORAR	TOPWID		
7185 MINIMUM SPECIFIC ENERGY										
4144.00	15.50	5078.50	5081.42	5075.17	5084.19	5.69	19.10	0.22	5078.00	
9220.0	10.0	9207.0	2.0	5.0	481.0	1.0	1269.0	502.0	5078.00	
1.45	1.92	19.16	1.91	0.045	0.040	0.045	0.035	5063.00	1228.13	
0.021384	1000.	1080.	995.	0	14	0	0.00	86.88	1315.00	
*SECNO 4146.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
4146.00	15.96	5073.46	5073.46	5066.90	5074.81	1.34	3.62	15.68	5070.00	
9220.0	13.71	7415.0	1668.0	49.0	719.0	740.0	1292.0	511.0	5070.00	
1.49	10.81	10.31	2.26	0.045	0.040	0.045	0.035	5057.50	1096.85	
0.003524	1010.	1035.	960.	20	8	0	0.00	756.33	1853.17	
*SECNO 4148.000										
3265 DIVIDED FLOW										
3301 HV CHANGED MORE THAN HVINS										
4148.00	15.32	5061.32	5062.08	5058.25	5063.66	2.34	11.05	0.10	5060.00	
9220.0	3364.0	5606.0	251.0	701.0	366.0	104.0	1337.0	536.0	5060.00	
1.52	4.80	15.31	2.41	0.045	0.040	0.045	0.035	5046.00	1256.85	
0.011224	1490.	1520.	1365.	5	5	0	0.00	738.26	2336.01	
*SECNO 4152.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
4152.00	14.95	5053.15	5053.15	5047.76	5054.14	0.99	6.07	4.37	5052.00	
9220.0	3346.0	5874.0	0.0	1066.0	603.0	0.0	1377.0	558.0	5054.00	
1.57	3.14	9.74	0.00	0.045	0.040	0.045	0.035	5038.20	1244.16	
0.004951	1210.	1235.	1300.	20	6	0	0.00	821.59	2065.75	

SECNO	DEPTH	CWSEL	CRIMS	WSELX	EG	HV	HL	GLOSS	BANK	ELEV
Q	QJOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
TIME	VJOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XJOB	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TCPWID	ENDST	
*SECNO 4154.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL	9.86	5033.46	5033.46	5030.73	5036.63	3.17	28.55	-8.82	5040.00	
4154.00	0.00	9220.00	0.00	0.00	645.00	0.045	1431.00	579.00	5040.00	
9220.00	0.00	14.29	0.00	0.045	0.040	0.00	0.035	5023.80	1223.27	
0.013751	1970.	2100.	1780.	20	14	0	0.00	103.84	1327.11	
*SECNO 4156.000										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL	8.68	5020.38	5020.38	5017.96	5023.17	2.79	25.55	17.21	5030.00	
4156.00	0.00	9220.00	0.00	0.00	688.00	0.045	1459.00	584.00	5030.00	
9220.00	0.00	13.41	0.00	0.045	0.040	0.00	0.035	5011.70	1539.24	
0.014036	1660.	1820.	1370.	20	15	0	0.00	126.34	1665.57	
*SECNO 420.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL	12.88	5018.58	5018.58	5014.45	5022.39	3.81	13.77	9.01	5020.00	
420.00	0.00	9220.00	0.00	0.00	589.00	0.045	1473.00	586.00	5020.00	
9220.00	0.00	15.66	0.00	0.045	0.040	0.00	0.035	5005.70	1288.55	
0.014273	930.	965.	960.	20	11	0	0.00	77.18	1365.74	
*SECNO 422.000										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL	7.27	5006.27	5007.09	5004.81	5010.13	3.85	12.26	0.00	5020.00	
422.00	0.00	9220.00	0.00	0.00	585.00	0.045	1488.00	588.00	5010.00	
9220.00	0.00	15.75	0.00	0.045	0.025	0.00	0.035	4999.00	1453.10	
0.008859	1090.	1090.	1010.	5	14	0	0.00	122.04	1575.14	

SECNO	Q TIME SLOPE	DEPTH QLOB VLOB XLGBL	CMSL QCH VCH XLCH	CRIMS QROB VROB XLOBR	WSELK ALOB XNL ITRIAL	EG ACH XNCH IDC	HV AROB XNR ICONT	HL VOL WTN CORAR	CROSS TWA FLMIN TOPWID	BANK LEFT/RIGHT SSTA ENDST
*SECNO 424.000										
3301 HV CHANGED MORE THAN HVINS										
424.00	7.63	5004.63	5004.92	5002.08	5007.90	3.27	2.05	0.17	5000.00	
9220.0	7.9	9141.0	0.0	1.9	627.0	0.0	1492.0	589.0	5010.00	
1.69	4.10	14.58	0.00	0.045	0.025	0.045	0.035	4997.00	1092.49	
0.006057	280.	280.	280.	3	8	0	0.00	119.08	1211.57	
*SECNO 426.000										
3301 HV CHANGED MORE THAN HVINS										
426.00	10.75	4993.05	4994.49	4989.42	4999.72	6.67	7.84	0.34	4990.00	
9220.0	24.	9171.0	25.	10.	441.7	10.	1514.0	593.0	4990.00	
1.71	2.41	20.78	2.43	0.045	0.017	0.045	0.035	4982.30	1138.54	
0.003472	1690.	1710.	1770.	5	14	0	0.00	63.32	1201.87	
*SECNO 428.000										
3301 HV CHANGED MORE THAN HVINS										
428.00	6.94	4976.94	4981.43	4974.49	4993.12	16.18	5.65	0.95	4975.00	
9220.0	20.	9196.32	4.	5.	284.0	1.	1519.0	594.0	4975.00	
1.72	3.71	32.32	2.74	0.045	0.017	0.045	0.035	4970.00	1139.40	
0.014180	640.	640.	640.	8	8	0	0.00	57.05	1196.45	
*SECNO 429.000										
3301 HV CHANGED MORE THAN HVINS										
429.00	7.98	4961.68	4965.98	4958.89	4975.18	13.50	17.14	0.80	4970.00	
9220.0	0.	9220.0	0.	0.	313.0	0.	1528.0	595.0	4970.00	
1.73	0.00	29.49	0.00	0.045	0.017	0.045	0.034	4953.70	1096.65	
0.011889	1380.	1320.	1280.	7	14	0	0.00	47.54	1144.19	
*SECNO 429.200										
429.20	7.92	4953.72	4958.12	4950.65	4967.46	13.74	7.70	0.02	4962.10	
9220.0	0.	9220.0	0.	0.	310.0	0.	1533.0	596.0	4962.10	
1.74	0.00	29.75	0.00	0.045	0.017	0.045	0.034	4945.80	1096.77	
0.012162	640.	640.	630.	9	11	0	0.00	47.28	1144.04	

SECNO	DEPTH	CWSEL	CRIWS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
TIME	QLOB	QCH	QROB	ALOB	ACH	AROB	WTN	TWA	LEFT/RIGHT	
SLOPE	VLOB	VCH	VROB	XNL	XNCH	XNR	CORAR	ELMIN	SSTA	ENDST
				ITRIAL	IDC	ICONT		TOPWID		
*SECNO 429.600										
429.60	7.84	4945.74	4950.17	4942.70	4959.60	13.86	7.84	0.01	4954.20	
9150.	0.	9150.	0.	0.	306.	0.	1537.	597.	4954.20	
1.74	0.00	29.87	0.00	0.045	0.017	0.045	0.034	4937.90	1096.92	
0.012352	640.	640.	640.	9	11	0	0.00	46.93	1143.85	
*SECNO 430.000										
3301 HV CHANGED MORE THAN HVINS										
430.00	10.71	4940.71	4944.37	4937.57	4952.50	11.80	6.48	0.62	4940.00	
9150.	1.	9148.	1.	1.	332.	1.	1542.	597.	4940.00	
1.75	1.40	27.56	1.43	0.045	0.017	0.045	0.034	4930.00	1018.58	
0.008290	640.	640.	640.	6	14	0	0.00	48.19	1066.77	
*SECNO 431.000										
3301 HV CHANGED MORE THAN HVINS										
431.00	9.79	4938.69	4941.61	4936.42	4948.12	9.43	3.67	0.71	4950.00	
9150.	0.	9150.	0.	0.	371.	0.	1546.	598.	4940.00	
1.75	0.00	24.65	0.00	0.045	0.017	0.045	0.034	4928.90	1278.77	
0.007683	460.	460.	460.	6	11	0	0.00	59.28	1338.05	
*SECNO 431.200										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3720 CRITICAL DEPTH ASSUMED										
431.20	12.76	4940.46	4940.46	4936.57	4944.60	4.14	1.10	2.48	4948.85	
9150.	0.	9145.	5.	0.	560.	4.	1551.	599.	4938.85	
1.76	0.00	16.33	1.34	0.045	0.017	0.045	0.034	4927.70	1271.79	
0.002363	465.	465.	465.	20	11	0	0.00	73.03	1344.82	
*SECNO 431.600										
431.60	12.59	4939.19	4939.33	4935.45	4943.46	4.26	1.12	0.01	4947.70	
9150.	0.	9146.	4.	0.	552.	3.	1557.	599.	4937.70	
1.77	0.00	16.58	1.31	0.045	0.017	0.045	0.034	4926.60	1272.00	
0.002470	465.	465.	465.	0	5	0	0.00	72.50	1344.50	

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SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GROSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALO	ACH	AROB	VOL	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	ENDST
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID		
*SECNO 432.000 ATTEMPTED WSEL,CWSEL										
3685 20 TRIALS PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED	14.09	4939.49	4939.49	4934.90	4943.84	4.35	1.20	0.08	4940.00	
432.00	0.00	9150.0	0.00	0.00	547.8	0.045	1563.0	60.0	4940.00	
9150.0	0.00	16.74	0.00	0.045	0.017	0.00	0.033	4925.40	1060.98	
1.78	460.	460.	460.	20	8	0	0.00	63.05	1124.02	
0.002601										
CCHV= 0.100 CEHV= 0.300										
*SECNO 433.000 ATTEMPTED WSEL,CWSEL										
3685 20 TRIALS PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED	14.07	4936.17	4936.17	4931.61	4940.54	4.36	6.65	3.42	4936.70	
433.00	0.00	9150.0	0.00	0.00	546.3	0.045	1582.0	60.2	4936.70	
9150.0	0.00	16.76	0.00	0.045	0.022	0.00	0.033	4922.10	1061.00	
1.80	1550.	1520.	1470.	20	3	0	0.00	63.00	1124.00	
0.004373										
*SECNO 434.000										
3301 HV CHANGED MORE THAN HVINS										
434.00	6.18	4927.18	4929.80	4925.06	4935.58	8.40	4.56	0.40	4930.00	
9150.0	0.00	9150.0	0.00	0.00	393.1	0.045	1587.0	60.3	4930.00	
1.81	0.00	23.25	0.00	0.045	0.022	0.00	0.033	4921.00	1019.71	
0.014224	490.	490.	490.	6	14	0	0.00	77.44	1097.15	

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HEC2 RELEASE DATED NOV 76 UPDATED APR. 1980
ERROR CORR - 01,02,03,04
MODIFICATION - 50,51,52,53,54
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THIS RUN EXECUTED 28-JAN-82 13:43:37

T1 TIJERAS ARROYO FROM CITY LIMITS OF THE VILLAGE OF TIJERAS
T2 TO THE EAST LEVEE OF THE RIO GRANDE - SUPERCRITICAL RUN
T3 TIJERAS ARROYO

[illegible][illegible]

SECND	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
TIME	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*PROF 3

THLEO = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF
PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR
DETAILS.

CCHV= 0.100 CEHV= 0.300

*SECND 62407.000

62407.00	8.49	5674.19	5676.24	5674.19	5681.16	6.97	0.00	0.00	5674.40
13600.0	0.0	13578.0	22.0	0.0	640.0	9.0	0.0	0.0	5672.90
0.00	0.00	21.20	2.40	0.060	0.030	0.060	0.000	5665.70	1029.73
0.016896	0.0	0.0	0.0	0	10	0	0.00	118.87	1148.59

*SECND 198.000

3840 SECTION NOT HIGH ENOUGH 5704.601 5700.000 5630.000 5700.000 0.000 2

3301 HV CHANGED MORE THAN HVINS

198.00	10.43	5640.43	5643.47	0.00	5650.06	9.62	30.84	0.27	5630.00
13600.0	3219.0	8068.0	2314.0	282.0	261.0	208.0	29.0	5.0	5630.00
0.002	11.41	30.94	11.15	0.060	0.030	0.060	0.030	5630.00	1047.85
0.017116	1770.0	1820.0	1810.0	8	14	0	0.00	118.45	1166.29

*SECND 200.000

3301 HV CHANGED MORE THAN HVINS

200.00	6.19	5612.19	5613.87	0.00	5618.02	5.83	30.89	1.14	5630.00
13600.0	0.0	13600.0	0.0	0.0	702.0	0.0	59.0	10.0	5620.00
0.005	0.00	19.38	0.00	0.060	0.030	0.060	0.030	5606.00	1134.53
0.017587	1710.0	1790.0	1790.0	6	15	0	0.00	137.04	1271.57

*SECND 202.000

202.00	5.99	5588.99	5590.76	0.00	5594.92	5.93	23.10	0.01	5590.00
13600.0	0.0	13600.0	0.0	0.0	696.0	0.0	75.0	14.0	5600.00
0.006	0.00	19.54	0.00	0.060	0.030	0.060	0.030	5583.00	1125.05
0.027480	1060.0	1025.0	910.0	9	11	0	0.00	189.07	1314.11

SECNO	DEPTH	CWSEL	CRIMS	WSEFLK	EG	HV	HL	GLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
*SECNO 204.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
204.00	8.07	5571.07	5571.07	0.00	5573.84	2.77	12.43	9.11	5570.00	
1360.0	2.2	13594.4	4.4	1.1	1018.8	2.2	99.9	19.9	5570.00	
0.09	2.04	13.35	2.12	0.045	0.035	0.045	0.031	5563.00	1037.86	
0.010234	970.	1215.	1260.	20	11	0	0.00	190.35	1228.21	
*SECNO 206.000										
3301 HV CHANGED MORE THAN HVINS										
206.00	4.84	5557.84	5558.86	0.00	5561.53	3.69	12.22	0.09	5560.00	
1360.0	0.0	1360.0	0.0	0.0	882.7	0.0	114.2	23.0	5560.00	
0.10	0.00	15.42	0.00	0.045	0.035	0.045	0.032	5553.00	1050.41	
0.025434	770.	685.	550.	7	19	0	0.00	256.15	1306.56	
*SECNO 207.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
207.00	5.86	5552.36	5552.36	0.00	5554.53	2.17	4.39	2.73	5553.50	
1360.0	0.0	1360.0	0.0	0.0	1151.5	0.0	123.2	25.2	5553.50	
0.11	0.00	11.82	0.00	0.045	0.035	0.045	0.032	5546.50	1047.86	
0.011250	385.	390.	425.	20	11	0	0.00	269.77	1317.62	
*SECNO 208.000										
3301 HV CHANGED MORE THAN HVINS										
3370 NORMAL BRIDGE,NRD= 39 MIN ELTRD= 5559.30 MAX ELLC= 5563.30										

[illegible]

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	QLOSS	BANK	ELEV
Q	TIME	VLOB	QCH	VROR	XNL	AROR	VOL	TWA	LEFT	RIGHT
SLOPE	XLOBL	VLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
3301 HV CHANGED MORE THAN HVINS										
210.00	6.42	5543.42	5543.93	0.00	5545.60	2.18	4.19	1.30	5540.00	
1360.0	1591.7	11696.6	313.4	364.5	925.3	0.70	133.3	28.8	5540.00	
0.012	4.37	12.65	4.46	0.045	0.035	0.045	0.032	5537.00	1178.90	
0.008939	225.	225.	225.	4	14	0	0.00	502.16	1681.06	
*SECNO 212.000										
212.00	3.36	5523.36	5523.98	0.00	5525.88	2.52	19.69	0.03	5524.00	
1360.0	0	13578.2	22.2	0	1064.5	6.2	167.3	41.2	5522.00	
0.015	0.00	12.76	3.82	0.045	0.035	0.045	0.032	5520.00	1824.57	
0.022934	1140.	1240.	1330.	6	14	0	0.00	389.07	2213.64	
*SECNO 214.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
214.00	4.25	5505.25	5505.25	0.00	5506.46	1.21	15.00	19.64	5502.00	
1360.0	2394.5	8209.4	2996.6	444.5	787.5	5.22	214.3	59.2	5502.00	
0.019	5.39	10.43	5.74	0.045	0.035	0.045	0.033	5501.00	1223.85	
0.010361	1460.	1445.	1460.	20	11	0	0.00	704.48	1928.32	
*SECNO 216.000										
216.00	2.88	5486.88	5486.96	0.00	5487.93	1.05	18.49	0.05	5486.00	
1290.0	41.2	8665.5	4194.4	16.2	956.5	683.2	267.3	84.2	5485.00	
0.024	2.49	9.06	6.14	0.045	0.035	0.045	0.033	5484.00	1107.54	
0.016933	1380.	1370.	1310.	3	19	0	0.00	925.34	2032.88	
*SECNO 218.000										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
218.00	4.12	5472.12	5472.12	0.00	5473.61	1.50	14.15	11.92	5470.00	
1290.0	207.4	12645.2	48.2	55.5	1278.5	1.13	308.3	103.0	5470.00	
0.027	3.74	9.90	3.71	0.045	0.035	0.045	0.033	5468.00	1392.68	
0.011941	1185.	1185.	1185.	20	14	0	0.00	474.49	1867.17	

SECNO	DEPTH	QLOB	QLOBL	CMSEL	QCH	VCCH	CRWS	WSELK	ACH	HY	HL	GLOSS	BANK	ELEV
TIME	VLOR	VLOR	VLOR	QCH	VCCH	VCCH	GROR	ALOB	XNCH	AROR	VOL	TWA	LEFT	RIGHT
SLOPE	XLOBL	XLOBL	XLOBL	XLOBL	XLOBL	XLOBL	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	ENDST
*SECNO 220.000														
220.00	3.93	5455.43	5455.45	0.00	5457.04	1.62	16.55	0.01	5452.00					
12900.0	1075.0	11700.0	125.0	217.0	1105.0	2.60	35.30	1.19	5452.00					
0.010944	1490.0	1445.0	4.87	0.045	0.035	0.045	0.00	0.033	5451.50					
			1580.0	3	8	0	0.00	441.58	1835.02					
*SECNO 222.000														
222.00	5.03	5442.03	5442.10	0.00	5443.66	1.64	13.38	0.00	5440.00					
12900.0	306.0	8404.0	4190.0	77.0	762.0	4.69	38.50	1.29	5440.00					
0.014456	1010.0	1055.0	8.93	0.045	0.035	0.045	0.00	0.034	5437.00					
			1060.0	2	11	0	0.00	461.88	1746.11					
*SECNO 224.000														
224.00	8.50	5438.00	5438.00	0.00	5439.57	1.57	5.69	10.84	5434.00					
12900.0	5456.0	7444.0	0.0	995.0	601.0	0	41.40	1.39	5440.00					
0.006949	1000.0	705.0	0.00	0.045	0.035	0.045	0.00	0.033	5429.50					
			1000.0	20	14	0	0.00	474.96	1555.00					
*SECNO 225.000														
225.00	4.72	5428.72	5429.40	0.00	5431.02	2.30	8.48	0.07	5426.00					
12900.0	1498.0	7949.0	3454.0	240.0	538.0	5.91	43.60	1.48	5426.00					
0.018272	720.0	685.0	5.84	0.045	0.035	0.045	0.00	0.033	5424.00					
			520.0	7	14	0	0.00	726.41	1813.20					
*SECNO 226.000														
226.00	4.72	5428.72	5429.40	0.00	5431.02	2.30	8.48	0.07	5426.00					
12900.0	1498.0	7949.0	3454.0	240.0	538.0	5.91	43.60	1.48	5426.00					
0.015946	720.0	800.0	9.00	0.045	0.035	0.045	0.00	0.033	5408.00					
			900.0	20	14	0	0.00	322.03	1932.32					
3265 DIVIDED FLOW														
3685 20 TRIALS ATTEMPTED WSEL,CMSEL														
3693 PROBABLE MINIMUM SPECIFIC ENERGY														
3720 CRITICAL DEPTH ASSUMED														
226.00	7.46	5415.46	5415.46	0.00	5417.31	1.85	13.62	1.82	5418.00					
12900.0	0.0	1135.0	11765.0	0.0	121.0	10.64	4.62	1.58	5419.00					
0.015946	0.00	9.35	11.06	0.045	0.035	0.045	0.00	0.033	5408.00					
			900.0	20	14	0	0.00	322.03	1932.32					

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK	FLY
TIME	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
SLOPE	XLOBL	VLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	ELMIN	SSSTA	ENDST
*SECNO 227.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
227.00	8.68	5402.68	5402.68	0.00	5405.61	2.93	10.13	10.30	5402.00	5402.00
12900.	1.	12897.	1.59	1.	939.	0.045	0.033	164.	1578.30	1578.30
0.42	1.53	1374	1010.	0.045	0.035	0	0.00	5394.00	1743.39	1743.39
0.010030	1010.	1010.	1010.	20	8	0	0.00	165.09	1743.39	1743.39
*SECNO 230.000										
230.00	6.90	5391.40	5391.70	0.00	5394.07	2.67	11.47	0.08	5394.00	5394.00
12900.	0.	12900.	0	0	984.	0	508.	168.	5394.00	5394.00
0.44	0.00	1374	0.00	0.045	0.035	0.045	0.034	5384.50	1655.69	1655.69
0.013370	980.	980.	980.	3	15	0	0.00	224.52	1880.21	1880.21
*SECNO 300.000										
300.00	8.74	5368.74	5369.42	0.00	5371.42	2.68	22.65	0.00	5365.00	5365.00
12900.	1090.	8969.	2841.	231.	580.	601.	565.	186.	5365.00	5365.00
0.49	4.73	15.45	4.73	0.045	0.035	0.045	0.034	5360.00	1641.62	1641.62
0.008903	2020.	2070.	2140.	5	12	0	0.00	519.91	2161.53	2161.53
*SECNO 302.000										
3840 SECTION NOT HIGH ENOUGH 5405.353 5390.000 5329.000 5390.000 5368.740 2										
3265 DIVIDED FLOW										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
302.00	2.94	5331.94	5331.94	0.00	5332.78	0.84	72.97	19.44	5333.00	5333.00
12900.	0.	1431.	11469.	0.	185.	1565.	685.	246.	5333.00	5333.00
0.62	0.00	7.75	7.33	0.045	0.035	0.045	0.034	5329.00	1726.56	1726.56
0.022090	3260.	3285.	3320.	20	22	0	0.00	1061.54	2991.75	2991.75

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GROSS	RANK
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	RIGHT
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	SSTA
									ENDST
*SECNO 304.000									
3840 SECTION NOT HIGH ENOUGH 5394.741 5365.000 5300.000 5365.000 5331.553 2									
3685 20 TRIALS ATTEMPTED WSEL=CWSEL									
3693 PROBABLE MINIMUM SPECIFIC ENERGY									
3720 CRITICAL DEPTH ASSUMED									
304.00	1352.93	5307.93	5307.93	0.00	5308.84	0.92	16.49	45.91	5305.00
1290.0	508.4	646.4	646.4	4.15	45.5	15.54	8.20	31.9	5305.00
0.73	3.25	11.18	4.16	0.045	0.035	0.045	0.034	5300.00	1316.15
0.005851	2870.	2860.	2800.	20	17	0	0.00	1194.82	2510.97
*SECNO 306.000									
3301 HV CHANGED MORE THAN HVINS									
306.00	8.03	5283.03	5283.78	0.00	5285.38	2.35	23.32	0.14	5280.00
1290.0	2001.7	8332.2	2567.7	4.54	557.8	5.82	9.53	38.4	5280.00
0.80	4.41	14.95	4.41	0.045	0.035	0.045	0.034	5275.00	1195.29
0.010266	2910.	2900.	2880.	6	8	0	0.00	769.18	1964.47
*SECNO 308.000									
3840 SECTION NOT HIGH ENOUGH 5309.443 5306.000 5245.000 5306.000 5283.026 2									
3301 HV CHANGED MORE THAN HVINS									
308.00	12.88	5257.88	5257.90	0.00	5259.21	1.32	25.86	0.31	5255.00
1724.0	750.7	9612.2	6878.7	167.2	821.2	1535.2	110.8	447.7	5255.00
0.91	4.49	11.70	4.48	0.045	0.035	0.045	0.034	5245.00	1000.00
0.006001	3280.	3335.	3220.	2	15	0	0.00	924.07	1924.07
*SECNO 310.000									
3301 HV CHANGED MORE THAN HVINS									
310.00	13.05	5236.05	5237.36	0.00	5239.60	3.55	19.38	0.22	5230.00
1724.0	3533.3	11866.6	1841.7	605.5	668.8	272.2	1230.0	494.0	5230.00
0.96	5.84	17.75	6.78	0.045	0.035	0.045	0.034	5223.00	1597.41
0.008854	2550.	2605.	2650.	5	8	0	0.00	616.68	2214.09

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SECNO	Q TIME	DEPT	QLOB	QCH	CWSEL	CRIWS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
	SLOPE	XLOBL	VLOB	VCH	XLCH	OROB	ITRIAL	XNCH	AROB	WOL	TWA	LEFT	RIGHT
						XLORR		IDC	ICONT	CORAR	FLMIN	TOPWID	SSTA
													ENDST
*SECNO 312.000													
3301 HV CHANGED MORE THAN HVINS													
312.00	16.23	5216.23	5216.96	0.00	5218.67	2.44	20.60	0.33	5215.00				
17240.0	2182.0	13516.0	1542.0	998.0	959.0	513.0	1351.0	570.0	5215.00				
1.02	2.19	14.09	3.01	0.045	0.035	0.045	0.034	5200.00	1336.31				
0.006837	2570.0	2670.0	2610.0	4	13	0	0.00	1964.22	3300.53				
*SECNO 313.000													
313.00	16.23	5203.93	5204.60	0.00	5206.33	2.41	12.32	0.01	5202.70				
17240.0	2221.0	13464.0	1556.0	1012.0	960.0	518.0	1454.0	652.0	5202.70				
1.07	2.19	14.02	3.01	0.045	0.035	0.045	0.034	5187.70	1335.85				
0.006758	1800.0	1810.0	1855.0	5	9	0	0.00	1965.35	3301.21				
*SECNO 314.000													
3301 HV CHANGED MORE THAN HVINS													
314.00	12.95	5187.95	5188.95	0.00	5191.88	3.93	14.30	0.15	5185.00				
17240.0	1119.0	16121.0	0.00	276.0	982.0	0.00	1532.0	699.0	5190.00				
1.10	4.06	16.42	0.00	0.045	0.035	0.045	0.034	5175.00	1242.03				
0.009038	1800.0	1810.0	1855.0	4	15	0	0.00	303.84	1545.87				
*SECNO 315.000													
315.00	13.21	5177.01	5178.32	0.00	5181.38	4.37	10.45	0.04	5173.80				
17240.0	1343.0	15897.0	0.00	298.0	913.0	0.00	1562.0	706.0	5178.80				
1.12	4.51	17.42	0.00	0.045	0.035	0.045	0.034	5163.80	1180.74				
0.009896	900.0	1120.0	700.0	5	8	0	0.00	290.05	1470.79				
*SECNO 316.000													
3685 20 TRIALS ATTEMPTED MSEL, CWSEL													
3693 PROBABLE MINIMUM SPECIFIC ENERGY													
3720 CRITICAL DEPTH ASSUMED													
316.00	17.36	5172.36	5172.36	0.00	5176.87	4.51	10.51	10.36	5175.00				
17240.0	0.00	17240.0	0.00	0.00	1012.0	0.00	1590.0	711.0	5178.00				
1.14	0.00	17.04	0.00	0.045	0.035	0.045	0.034	5155.00	1505.27				
0.009458	900.0	1120.0	700.0	20	11	0	0.00	114.37	1619.65				

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
TIME	QLOB	QCH	QROB	ALOB	ACH	AROB	WTN	TWA	LEFT	RIGHT
SLOPE	XLOB	XCH	XROB	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
*SECNO 400.000										
3301 HV CHANGED MORE THAN HVINS										
3685	20	TRIALS	ATTEMPTED	WSEL	CWSEL					
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY						
3720	CRITICAL	DEPTH	ASSUMED							
400.00	13.73	5165.73	5165.73	0.00	5169.14	3.41	9.09	3.01	5164.00	
16370.	245.	16009.	116.	101.	1069.	26.	1625.	716.	5162.00	
1.16	2.43	14.98	4.46	0.045	0.035	0.040	0.034	5152.00	1188.39	
0.006586	1380.	1380.	1370.	20	12	0	0.00	245.59	1433.98	
*SECNO 402.000										
3301 HV CHANGED MORE THAN HVINS										
402.00	12.38	5149.38	5149.88	0.00	5153.77	4.39	15.27	0.10	5150.00	
16370.	0.	16370.	0.	0.	974.	0.	1667.	724.	5150.00	
1.19	0.00	16.81	0.00	0.045	0.035	0.040	0.034	5137.00	1302.19	
0.011488	1690.	1690.	1690.	3	11	0	0.00	134.68	1436.87	
*SECNO 403.000										
3685 20 TRIALS ATTEMPTED WSEL, CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
403.00	14.46	5144.46	5144.46	0.00	5149.03	4.57	5.77	6.09	5144.00	
16370.	2.	16183.	185.	2.	938.	33.	1683.	726.	5140.00	
1.20	1.12	17.24	5.59	0.045	0.035	0.040	0.034	5130.00	1751.99	
0.008244	700.	700.	700.	20	8	0	0.00	117.86	1869.86	
*SECNO 404.000										
3301 HV CHANGED MORE THAN HVINS										
3685	20	TRIALS	ATTEMPTED	WSEL	CWSEL					
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY						
3720	CRITICAL	DEPTH	ASSUMED							
404.00	12.79	5135.09	5135.09	0.00	5139.13	4.04	13.21	8.57	5136.00	
16370.	0.	16370.	0.	0.	1015.	0.	1714.	730.	5138.00	
1.23	0.00	16.12	0.00	0.045	0.035	0.040	0.034	5122.30	1492.28	
0.009711	1360.	1360.	1360.	20	12	0	0.00	131.29	1623.57	

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HI	GLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOI	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLOB	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
*SECNO 405.000 ATTEMPTED WSEL,CWSEL										
3685 20 TRIALS PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
405.00	13.02	5133.02	5133.02	0.00	5136.57	3.55	2.50	2.57	5130.00	
16370.0	183.0	16118.0	69.0	72.0	1057.0	1.77	1722.0	731.0	5130.00	
1.23	2.53	15.24	4.06	0.045	0.035	0.040	0.034	5120.00	1438.00	
0.007232	345.0	345.0	345.0	20	10	0	0.00	243.33	1681.33	
*SECNO 406.000										
3301 HV CHANGED MORE THAN HVINS										
406.00	14.23	5129.23	5130.32	0.00	5131.87	2.64	4.43	0.27	5128.00	
16370.0	126.0	15469.0	775.0	68.0	1154.0	340.0	1743.0	740.0	5128.00	
1.25	1.87	13.40	2.28	0.045	0.035	0.040	0.035	5115.00	1594.65	
0.006135	665.0	665.0	665.0	3	13	0	0.00	883.69	2478.34	
*SECNO 408.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
408.00	17.40	5124.40	5124.40	0.00	5125.62	1.22	5.43	15.24	5122.00	
16370.0	522.0	6008.0	9840.0	165.0	464.0	1885.0	1797.0	764.0	5120.00	
1.29	3.17	12.96	5.22	0.040	0.035	0.040	0.035	5107.00	1239.82	
0.004768	1110.0	1130.0	1160.0	20	12	0	0.00	928.57	2168.39	
*SECNO 409.000										
3301 HV CHANGED MORE THAN HVINS										
409.00	16.37	5119.37	5120.19	0.00	5121.96	2.58	3.52	0.14	5116.00	
16370.0	2725.0	13579.0	65.0	695.0	966.0	28.0	1829.0	776.0	5118.00	
1.30	3.92	14.06	2.31	0.040	0.035	0.040	0.034	5103.00	1430.04	
0.006363	752.0	585.0	690.0	5	6	0	0.00	641.18	2071.22	

SECNO	DEPT	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	PANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	WTN	TWA	LEFT	RIGHT
TIME	TLOB	TCH	TROB	XNL	XNCH	XNR	CORAR	ELMIN	SSTA	ENDST
SLOPE	XLOB	XLCH	XROB	ITRIAL	IDC	ICONT		TOPWID		
*SECNO 410.000										
3301 HV CHANGED MORE THAN HVINS										
410.00	14.14	5113.14	5114.83	0.00	5117.25	4.11	4.55	0.15	5112.00	
16370.31	335.	15865.3	170.	128.	960.5	65.	1845.	782.	5112.00	
0.010457	2.61	16.53	2.61	0.040	0.035	0.040	0.034	5099.00	1329.82	
	370.	560.	430.	6	10	0	0.00	464.19	1794.01	
*SECNO 412.000										
WATER EL=X5 CARD= 5103.700										
3301 HV CHANGED MORE THAN HVINS										
3470 ENCROACHMENT STATIONS=										
412.00	8.21	5101.21	5101.29	2490.00	5104.33	3.13	9.53	-2000.000	5100.00	
14890.0	0.	14875.1	15.	0.	1048.3	5.	1868.	789.	5100.00	
0.010676	0.00	14.20	2.72	0.040	0.035	0.040	0.035	5093.00	2000.00	
	990.	900.	1050.	0	14	0	0.00	184.04	2184.04	
*SECNO 414.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
3470 ENCROACHMENT STATIONS=										
414.00	12.55	5100.55	5100.55	3000.00	5101.82	1.28	3.29	2000.000	5098.00	
14890.0	4997.7	9892.1	1.	1363.	915.	1.	1902.	10.28	5100.00	
0.003586	3.67	10.81	0.93	0.040	0.035	0.040	0.035	5088.00	1406.05	
	850.	930.	930.	20	12	0	0.00	821.69	2227.74	
*SECNO 4141.000										
3301 HV CHANGED MORE THAN HVINS										
7185 MINIMUM SPECIFIC ENERGY										

SECNO	Q TIME	DEPTH	QLOB	QCH	CRIMS	WSELK	EG	HY	HL	GLOSS	BANK				
	SLOPE	XLOBL	VLCH	XLCH	VRCH	XLCH	ITRIAL	ACH	XNCH	ICONT	CONAR	TWAIN	LEFT/RIGHT	SSTA	ENDST
4141.00	13.43	5091.43	5091.43	5091.43	5085.06	5096.17	4.74	5.31	0.35	5090.00					
14890.7	2.90	14849.7	11.84	2.84	0.045	849.8	0.045	1925.0	805.0	5090.00					
0.012089	520.	710.	660.				0	0.00	109.69	2425.37					
*SECNO 4142.000															
3265 DIVIDED FLOW															
3301 HV CHANGED MORE THAN HVINS															
3685 20 TRIALS ATTEMPTED WSEL, CWSSEL															
3693 PROBABLE MINIMUM SPECIFIC ENERGY															
3720 CRITICAL DEPTH ASSUMED	16.87	5089.37	5089.37	5080.14	5091.13	1.77	3.31	3.76	5088.00						
4142.00	327.0	13120.0	1444.7	138.0	1160.0	503.5	1945.0	811.0	5088.00						
14890.0	2.36	11.31	2.87	0.045	0.040	0.045	0.035	5072.50	1207.45						
0.004964	630.	670.	620.	20	12	0	0.00	693.59	1973.83						
*SECNO 4144.000															
3265 DIVIDED FLOW															
3301 HV CHANGED MORE THAN HVINS															
4144.00	18.58	5081.58	5082.26	5075.17	5083.97	2.40	7.10	0.06	5078.00						
14890.0	1248.0	9928.0	3714.0	280.0	665.0	916.0	1989.0	829.0	5078.00						
1.41	4.46	14.93	4.05	0.045	0.040	0.045	0.035	5063.00	1093.52						
0.008412	1000.	1080.	995.	5	9	0	0.00	871.80	2045.43						
*SECNO 4146.000															
3265 DIVIDED FLOW															
4146.00	16.39	5073.89	5074.64	5066.90	5076.35	2.46	7.61	0.01	5070.00						
14890.0	256.0	10869.0	3765.0	61.0	746.0	1039.0	2031.0	848.0	5070.00						
1.44	4.18	14.57	3.62	0.045	0.040	0.045	0.035	5057.50	1093.46						
0.006692	1010.	1035.	960.	4	13	0	0.00	872.71	1984.70						

[illegible]

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK ELEV
Q	QLOB	QCH	GROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	YNCH	XNR	WTN	ELMIN	SSJA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 420.000									
3301 HV CHANGED MORE THAN HVINS									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3693 PROBABLE MINIMUM SPECIFIC ENERGY									
3720 CRITICAL DEPTH ASSUMED									
420.00	17.70	5023.40	5023.40	5014.45	5025.18	1.78	4.45	13.71	5020.00
1489.0	23.1	1180.4	285.6	0.72	993.	785.	2302.	942.	5020.00
1.62	3.19	11.89	3.64	0.045	0.040	0.045	0.036	5005.70	1242.48
0.004612	930.	965.	960.	20	19	0	0.00	527.31	1769.79
*SECNO 422.000									
3301 HV CHANGED MORE THAN HVINS									
422.00	8.08	5007.08	5009.29	5004.81	5014.44	7.37	10.18	0.56	5020.00
1489.0	0.	14890.	0.	0.	684.	0.	2333.	950.	5010.00
1.63	0.00	21.78	0.00	0.045	0.025	0.045	0.035	4999.00	1451.66
0.014200	1090.	1090.	1010.	7	11	0	0.00	124.43	1576.09
*SECNO 424.000									
3301 HV CHANGED MORE THAN HVINS									
424.00	10.03	5007.03	5007.19	5002.08	5011.10	4.07	2.36	0.99	5000.00
1489.0	219.	14671.	0.	44.	900.	0	2338.	951.	5010.00
1.64	4.93	16.29	0.00	0.045	0.025	0.045	0.035	4997.00	1088.15
0.004991	280.	280.	280.	3	11	0	0.00	128.63	1216.78
*SECNO 426.000									
3301 HV CHANGED MORE THAN HVINS									
426.00	14.83	4997.13	4998.32	4989.42	5004.76	7.63	5.98	0.36	4990.00
1489.0	191.	14493.	205.	54.	645.	57.	2372.	955.	4990.00
1.66	3.56	22.46	3.59	0.045	0.017	0.045	0.035	4982.30	1129.92
0.002447	1690.	1710.	1770.	4	14	0	0.00	81.12	1211.04

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HE	GLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XML	XNCH	XNR	WTN	FLMIN	SSTA	ENDST
SLOPE	XLGBL	XLCH	XLGBR	ITRIAL	IDC	ICONT	CORAR	TOPWID		
*SECNO 428.000										
3301 HV CHANGED MORE THAN HVINS										
428.00	9.42	4979.42	4985.15	4974.49	4999.28	19.87	4.26	1.22	4975.00	
14890.	158.2	14701.	4.30	0.28	408.7	0.75	2381.	956.0	4975.00	
1.66	5.62	135.99	4.15	0.045	0.017	0	0.035	4970.00	1132.25	
0.010853	640.	640.	640.	11	8	0	0.00	66.06	1198.31	
*SECNO 429.000										
3301 HV CHANGED MORE THAN HVINS										
429.00	10.16	4963.86	4969.56	4958.89	4982.72	18.87	16.26	0.30	4970.00	
14890.	0.	14890.	0.	0.	427.7	0.	2394.	958.	4970.00	
1.67	0.00	134.86	0.00	0.045	0.017	0.045	0.034	4953.70	1092.29	
0.013780	1380.	1320.	1280.	8	14	0	0.00	57.36	1149.64	
*SECNO 429.200										
3301 HV CHANGED MORE THAN HVINS										
429.20	10.40	4956.20	4961.66	4950.65	4973.92	17.72	8.46	0.34	4962.10	
14890.	0.	14890.	0.	0.	441.7	0.	2400.	958.	4962.10	
1.68	0.00	133.78	0.00	0.045	0.017	0.045	0.034	4945.80	1091.81	
0.012693	640.	640.	630.	7	14	0	0.00	58.42	1150.23	
*SECNO 429.600										
429.60	10.34	4948.24	4953.67	4942.70	4965.76	17.52	8.09	0.06	4954.20	
14710.	0.	14710.	0.	0.	438.	0.	2407.	959.	4954.20	
1.68	0.00	133.59	0.00	0.045	0.017	0.045	0.034	4937.90	1091.91	
0.012600	640.	640.	640.	8	14	0	0.00	58.20	1150.11	
*SECNO 430.000										
3301 HV CHANGED MORE THAN HVINS										
430.00	13.55	4943.55	4948.45	4937.57	4959.11	15.56	6.07	0.59	4940.00	
14710.	48.	14601.	61.	13.	460.7	16.	2413.	960.	4940.00	
1.69	3.79	31.77	3.89	0.045	0.017	0.045	0.034	4930.00	1012.91	
0.007136	640.	640.	640.	5	14	0	0.00	60.96	1073.87	

SECNO	Q TIME SLOPE	DEPTH VLOB XLOB	CWSEL GCH VCH XLCH	CRIMS GROB VROB XLOBR	WSELK ALOB XNL ITRIAL	EG ACH XNCH IDC	HV AROB XNR ICONT	HL VOL WTN CORAR	GROSS TWA ELMIN TOPWID	RANK LEFT/RIGHT SSTA ENDST
*SECNO 431.000										
3301 HV CHANGED MORE THAN HVINS										
431.00	11.56	4940.46	4944.92	4936.42	4954.93	14.47	3.85	0.33	4950.00	
14710	0.00	14710	30.53	1.17	0.045	0.017	2419	961	4940.00	
1.69	0.00	460.	460.	460.	11	0	0.034	4928.90	1274.09	
0.009613								67.28	1341.37	
*SECNO 431.200										
3301 HV CHANGED MORE THAN HVINS										
431.20	13.50	4941.20	4943.81	4936.57	4950.15	8.95	3.12	1.66	4948.85	
14710	0.00	14690	2.00	0.045	0.017	0.045	2424	962	4938.85	
1.70	0.00	24.02	465.	2.43	0.045	0.017	0.034	4927.70	1270.29	
0.004682								76.77	1347.06	
*SECNO 431.600										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3710 WSEL ASSUMED BASED ON MIN DIFF										
431.60	15.73	4942.33	4942.62	4935.45	4947.84	5.50	1.07	1.41	4947.70	
14710	0.00	14624	86.	0.045	0.017	0.045	2432	963	4937.70	
1.71	0.00	18.88	2.68	0.045	0.017	0	0.034	4926.60	1265.74	
0.002300								88.16	1353.90	
*SECNO 432.000										
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
432.00	17.49	4942.89	4942.89	4934.90	4948.52	5.64	1.03	1.44	4940.00	
14710	41.	14646	23.	0.045	0.017	0.045	2441	963	4940.00	
1.71	1.97	19.09	1.92	0.045	0.017	0	0.033	4925.40	1045.57	
0.002238								87.67	1133.24	

SECNO	DEPTH	CWSEL	CRIMS	WSELK	FG	HV	HL	GLOSS	BANK	ELEV
QTIME	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
SLOPE	VLOB	VLCH	VROB	XNL	XNCH	XNR	WTN	FLMIN	SSTA	ENDST
	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID		

CCHV= 0.100 CEHV= 0.300

*SECNO 433.000

3685 20 TRIALS ATTEMPTED WSEL, CWSEL

3693 PROBABLE MINIMUM SPECIFIC ENERGY

3720 CRITICAL DEPTH ASSUMED

433.00 17.54 4939.64 4931.61 4945.20 5.56 2469. 88.11 4936.70

14710. 55. 14624. 31. 771. 12. 967. 1045.30

1.74 2.56 18.97 2.49 0.045 0.033 4922.10 1133.40

0.003680 1550. 1520. 1470. 20 0.00 88.11 1133.40

*SECNO 434.000

3301 HV CHANGED MORE THAN HVINS

434.00 8.07 4929.07 4932.40 4925.06 4940.27 11.20 4.36 0.56 4930.00

14710. 0. 14710. 0. 548. 0.045 2476. 967. 4930.00

1.74 0.00 26.86 0.00 0.045 0.033 4921.00 1016.56

0.014126 490. 490. 490. 6 14 0.00 85.84 1102.40

 HEC2 RELEASE DATED NOV 76 UPDATED APR. 1980
 CORR - 01,02,03,04
 MODIFICATION - 50,51,52,53,54

THIS RUN EXECUTED 28-JAN-82 13:44:26

T1 TIJERAS ARROYO FROM CITY LIMITS OF THE VILLAGE OF TIJERAS
T2 TO THE EAST LEVEE OF THE RIO GRANDE - SUPERCRITICAL RUN
T3 TIJERAS ARROYO

[illegible]

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SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWAIN	LEFT/RIGHT	
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	
SLOPE	XLGBL	XLCH	XLGBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	

*PROF 4

THLEO = 1. THEREFORE FRICTION LOSS (HL) IS CALCULATED AS A FUNCTION OF PROFILE TYPE, WHICH CAN VARY FROM REACH TO REACH. SEE DOCUMENTATION FOR DETAILS.

CCHV= 0.100 CEHV= 0.300

*SECNO 62407.000

62407.00	11.42	5677.12	5681.15	5677.12	5689.07	11.95	0.00	0.00	5674.40
27200.0	55.5	26577.2	568.5	14.5	948.0	101.0	0.00	0.00	5672.90
0.00	3.95	28.05	5.64	0.060	0.030	0.060	0.00	5665.70	1019.15
0.017631	0.	0.	0.	0	10	0	0.00	168.31	1187.46

*SECNO 198.000

3840 SECTION NOT HIGH ENOUGH 5708.854 5700.000 5630.000 0.000

3301 HV CHANGED MORE THAN HVINS

198.00	14.58	5644.58	5648.72	0.00	5657.77	13.19	31.18	0.12	5630.00
27200.0	7588.1	13969.3	5642.2	542.2	365.0	405.0	49.0	7.7	5630.00
0.02	14.01	38.32	13.94	0.060	0.030	0.060	0.030	5630.00	1027.09
0.016794	1770.	1820.	1810.	8	14	0	0.00	151.66	1178.75

*SECNO 200.000

3301 HV CHANGED MORE THAN HVINS

200.00	8.80	5614.80	5617.82	0.00	5624.67	9.87	32.10	0.99	5630.00
27200.0	0.	27200.0	0.	0.	1079.0	0.	98.0	13.0	5620.00
0.04	0.00	25.21	0.00	0.060	0.030	0.060	0.030	5606.00	1127.99
0.019296	1710.	1790.	1790.	8	15	0	0.00	151.42	1279.41

*SECNO 202.000

202.00	7.97	5590.97	5593.89	0.00	5600.66	9.70	23.96	0.05	5590.00
27200.0	5.5	27195.5	0.	2.	1088.0	0.	123.0	17.0	5600.00
0.05	2.48	24.99	0.00	0.060	0.030	0.060	0.030	5583.00	1116.12
0.027453	1060.	1025.	910.	5	11	0	0.00	207.75	1323.88

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
0	QLOB	QCH	OROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
SLOPE	VLOB	VCCH	VROR	XNL	XNCH	XNR	WTN	ELMIN	SSTA	ENDST
	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID		
*SECNO 204.000										
3301 HV CHANGED MORE THAN HVINS										
204.00	10.84	5573.84	5574.39	0.00	5578.66	4.82	20.54	1.46	5570.00	
2720.0	7.1	27018.	11.1	15.	1529.	22.	160.	23.	5570.00	
0.07	4.83	17.67	5.02	0.045	0.035	0.045	0.031	5563.00	1032.33	
0.010413	970.	1215.	1260.	3	11	0	0.00	204.17	1236.50	
*SECNO 206.000										
3301 HV CHANGED MORE THAN HVINS										
206.00	6.63	5559.63	5561.39	0.00	5565.80	6.16	12.73	0.13	5560.00	
2720.0	0.	27200.	0.	0.	1366.	0.	183.	27.	5560.00	
0.08	0.00	19.92	0.00	0.045	0.035	0.045	0.032	5553.00	1045.90	
0.026763	770.	685.	550.	6	15	0	0.00	280.19	1326.09	
*SECNO 207.000										
3301 HV CHANGED MORE THAN HVINS										
207.00	8.08	5554.58	5554.89	0.00	5558.22	3.64	6.82	0.76	5553.50	
2720.0	3.	27194.	2.3	1.	1775.	1.	197.	29.	5553.50	
0.09	2.20	15.32	2.23	0.045	0.035	0.045	0.032	5546.50	1042.57	
0.011416	385.	390.	425.	3	11	0	0.00	290.13	1332.70	
*SECNO 208.000										
3301 HV CHANGED MORE THAN HVINS										
3370 NORMAL BRIDGE, NRD= 39 MIN ELTRD= 5559.30 MAX ELLC= 5563.30										
3685 20 TRIALS ATTEMPTED WSEL, CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
208.00	19.03	5565.53	5565.53	0.00	5567.67	2.14	0.34	40.52	5548.00	
2720.0	5996.	12160.	9044.	608.	910.	862.	198.	29.	5559.40	
0.09	9.86	13.36	10.49	0.045	0.035	0.045	0.032	5546.50	1185.07	
0.016815	20.	20.	20.	20	10	0	-1631.96	558.51	1743.58	

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	ENDST
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID		

*SECNO 209.000
WATER EL=X5 CARD= 5566.700

3370 NORMAL BRIDGE,NRD= 39 MIN ELTRD= 5559.30 MAX ELIC= 5562.80

7185 MINIMUM SPECIFIC ENERGY

209.00	19.05	5565.05	5565.24	0.00	5567.41	2.37	0.73	0.02	5547.50	
27200	5301.1	1200.4	9895.1	542.5	859.1	866.1	201.1	30.1	5558.90	
0.009	9.78	13.98	11.43	0.045	0.035	0.045	0.032	5546.00	1184.60	
0.019880	40.	40.	40.	0	10	0	-1753.96	559.54	1744.14	

*SECNO 209.400

3301 HV CHANGED MORE THAN HVINS

209.40	6.94	5548.94	5552.30	0.00	5563.60	14.66	2.58	1.23	5546.00	
27200	1822.1	2420.2	1176.1	180.1	747.1	119.1	203.1	31.1	5546.00	
0.009	10.13	32.38	9.91	0.045	0.035	0.045	0.032	5542.00	1226.10	
0.053914	70.	70.	70.	7	11	0	0.00	369.72	1595.82	

*SECNO 209.600

3301 HV CHANGED MORE THAN HVINS

209.60	6.46	5546.46	5549.20	0.00	5556.67	10.22	5.59	1.33	5544.00	
27200	1080.1	2612.0	0.	192.1	999.1	0	206.1	32.1	5550.00	
0.009	5.61	26.15	0.00	0.045	0.035	0.045	0.032	5540.00	1148.72	
0.040319	120.	120.	120.	6	11	0	0.00	506.44	1655.16	

*SECNO 210.000

3301 HV CHANGED MORE THAN HVINS

210.00	7.42	5544.42	5545.89	0.00	5549.15	4.73	5.88	1.65	5540.00	
27200	5217.1	2113.3	850.1	719.1	1088.1	117.1	214.1	35.1	5540.00	
0.009	7.26	19.42	7.27	0.045	0.035	0.045	0.032	5537.00	1087.75	
0.016942	225.	225.	225.	7	11	0	0.00	605.21	1692.97	

SECNO	DEPTH	QLOB	QLOBL	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
TIME	QLOB	QLOBL	QLOBL	QCH	OROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
SLOPE	VLOR	XLOR	XLCH	VROR	XLOR	ITRIAL	IDC	ICONT	CORAR	ELMIN	TOPWID	SSTA
												ENDST
*SECNO 212.000												
3301 HV CHANGED MORE THAN HVINS												
212.00	5.28	5525.28	5526.10	0.00	5528.61	3.34	20.11	0.42	5524.00			
27200.0	163.07	2684.15	196.71	0.00	1820.35	3.45	268.32	50.00	5522.00			
0.015737	1140.0	1240.0	1330.0	0.045	15	0.045	0.00	499.07	2225.95			
*SECNO 214.000												
3301 HV CHANGED MORE THAN HVINS												
214.00	5.53	5506.53	5506.68	0.00	5508.48	1.95	19.72	0.42	5502.00			
27200.0	6080.0	14287.0	6833.20	8.18	1056.8	833.0	345.00	71.00	5502.00			
0.011777	1460.0	1445.0	1460.0	0.045	8	0.045	0.00	766.50	1936.87			
*SECNO 216.000												
216.00	3.91	5487.91	5488.12	0.00	5489.55	1.65	18.83	0.09	5486.00			
25800.0	313.0	16366.0	9121.0	7.7	1423.5	1159.0	428.00	99.00	5485.00			
0.016060	1380.0	1370.0	1310.0	0.045	19	0.045	0.00	1030.44	2094.40			
*SECNO 218.000												
3301 HV CHANGED MORE THAN HVINS												
3685 20 TRIALS ATTEMPTED WSEL, CWSEL												
3693 PROBABLE MINIMUM SPECIFIC ENERGY												
3720 CRITICAL	5.89	5473.89	5473.89	0.00	5476.14	2.25	11.91	4.41	5470.00			
218.00	967.0	2461.1	223.0	187.0	2006.5	44.0	495.00	120.00	5470.00			
25800.0	5.16	12.27	5.11	0.045	14	0.045	0.00	528.65	1877.39			
0.010049	1185.0	1185.0	1185.0	20	14	0	0.00	528.65	1877.39			
*SECNO 220.000												

SECNO	DEPTH	QLOB	QCH	CWSEL	CRIMS	WSELK	EG	HV	HL	GROSS	BANK	ELEV
TIME	VLOB	VCH	XLCH	VROB	ALOB	ACH	AROB	WLN	TWA	LEFT	RIGHT	SSTA
SLOPE	XLGBL	XLCH	XLGBR	ITRNL	IDC	XNR	ICONT	CORAR	ELMIN	TOPWID	ENDST	
3301 HV CHANGED MORE THAN HVINS												
220.00	5.48	5456.98	5457.40	0.00	5459.81	2.82	16.28	0.06	5452.00			
25800.0	3088.0	22352.0	360.0	457.0	1569.0	54.0	567.0	137.0	5452.00			
0.025	6.75	14.25	6.64	0.045	0.035	0.045	0.033	5451.50	1336.36			
0.012401	1490.0	144.5	1580.0	4	5	0	0.00	505.42	1841.79			
*SECNO 222.000												
222.00	6.72	5443.72	5443.97	0.00	5446.25	2.54	13.47	0.09	5440.00			
25800.0	1482.0	16370.0	7949.0	259.0	1169.0	724.0	618.0	150.0	5440.00			
0.027	5.73	14.01	10.98	0.045	0.035	0.045	0.034	5437.00	1220.75			
0.013206	1010.0	105.5	1060.0	3	11	0	0.00	534.68	1755.42			
*SECNO 224.000												
3685	20	TRIALS	ATTEMPTED	WSEL	CWSEL							
3693	PROBABLE	MINIMUM	SPECIFIC	ENERGY								
3720	CRITICAL	DEPTH	ASSUMED									
224.00	10.43	5439.93	5439.93	0.00	5442.03	2.10	6.51	10.21	5434.00			
25800.0	14098.0	11702.0	0.00	1814.0	780.0	0.00	666.0	161.0	5440.00			
0.029	7.77	15.00	0.00	0.045	0.035	0.045	0.033	5429.50	1002.66			
0.007759	1000.0	705.0	1000.0	20	14	0	0.00	557.18	1559.83			
*SECNO 225.000												
3301 HV CHANGED MORE THAN HVINS												
225.00	5.88	5429.88	5430.73	0.00	5432.88	3.00	9.06	0.09	5426.00			
25800.0	3865.0	12381.0	9554.0	445.0	689.0	1114.0	702.0	171.0	5426.00			
0.031	8.68	17.97	8.57	0.045	0.035	0.045	0.033	5424.00	1049.03			
0.019421	720.0	685.0	520.0	7	14	0	0.00	788.39	1837.42			
*SECNO 226.000												
3265 DIVIDED FLOW												
3301 HV CHANGED MORE THAN HVINS												

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	FLMIN	SSSTA	
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST	
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
226.00	9.90	5417.90	5417.90	0.00	5420.36	2.45	10.95	2.90	5418.00	
2580.0	0.0	301.1	22789.0	0.0	286.5	1778.0	745.0	183.0	5419.00	
0.33	0.00	10.53	12.82	0.045	0.035	0.045	0.033	5408.00	1500.45	
0.012779	720.	800.	900.	20	17	0	0.00	409.29	1944.51	
*SECNO 227.000										
3265 DIVIDED FLOW										
3301 HV CHANGED MORE THAN HVINS										
227.00	12.42	5406.42	5406.81	0.00	5410.44	4.02	9.76	0.16	5402.00	
2580.0	414.	25060.0	326.0	109.0	1537.0	72.0	789.0	191.0	5402.00	
0.34	3.80	16.30	4.56	0.045	0.035	0.045	0.033	5394.00	1203.95	
0.007311	1010.	1010.	1010.	3	11	0	0.00	329.62	2045.26	
*SECNO 230.000										
3301 HV CHANGED MORE THAN HVINS										
230.00	8.88	5393.38	5394.80	0.00	5398.15	4.78	12.21	0.08	5394.00	
2580.0	0.0	25800.0	0.0	0.0	1471.0	0.0	825.0	198.0	5394.00	
0.36	0.00	17.54	0.00	0.045	0.035	0.045	0.034	5384.50	1620.96	
0.017607	980.	980.	980.	6	8	0	0.00	266.69	1887.65	
*SECNO 300.000										
3265 DIVIDED FLOW										
3301 HV CHANGED MORE THAN HVINS										
300.00	10.81	5370.81	5371.50	0.00	5373.20	2.39	24.23	0.71	5365.00	
2580.0	3644.0	12392.0	9764.0	627.0	736.0	1663.0	932.0	233.0	5365.00	
0.41	5.81	16.84	5.87	0.045	0.035	0.045	0.034	5360.00	1150.86	
0.007711	2020.	2070.	2140.	4	11	0	0.00	1172.11	2572.95	

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GROSS	BANK
Q	QJOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT
TIME	VJOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	RIGHT
SLOPE	XJOB	XICH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	SSTA
									ENDST

*SECNO 302.000
3840 SECTION NOT HIGH ENOUGH 5412.434 5390.000 5329.000 5390.000 5370.821 2

3265 DIVIDED FLOW

3301 HV CHANGED MORE THAN HVINS

3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
302.00 3.97 5332.97 5332.97 0.00 5334.12 1.15 66.72 -16.89 5333.00
2580.0 0.0 326.4 22536. 0.045 0.035 0.045 0.034 329. 5333.00
0.52 0.00 9.39 8.49 20 22 2654. 1161. 329. 1700.68
0.020188 3260. 3285. 3320. 20 22 0.00 0.00 1356.22 3062.14

*SECNO 304.000
3840 SECTION NOT HIGH ENOUGH 5390.367 5365.000 5300.000 5365.000 5332.452 2
3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED
304.00 9.13 5309.13 5309.13 0.00 5310.27 1.13 19.70 41.61 5305.00
2580.0 371.1 7383. 14705 828. 539. 2737. 1391. 424. 5305.00
0.62 4.48 13.69 5.37 0.045 0.035 0.045 0.034 5300.00 1199.07
0.006992 2870. 2860. 2800. 20 17 0 0.00 1590.72 2789.79

*SECNO 306.000
3301 HV CHANGED MORE THAN HVINS

306.00 9.75 5284.75 5285.38 0.00 5286.90 2.15 23.27 0.10 5280.00
2580.0 6240. 11555. 8005. 1114. 703. 1429. 1635. 515. 5280.00
0.70 5.60 16.43 5.60 0.045 0.035 0.045 0.034 5275.00 1025.28
0.009092 2910. 2900. 2880. 4 8 0 0.00 1157.29 2182.57

*SECNO 308.000
3840 SECTION NOT HIGH ENOUGH 5311.114 5306.000 5245.000 5306.000 5284.760 2
3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	CLOSS	BANK	ELEV
Q	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XMR	WTN	FLMIN	SSTA	ENDST
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID		
308.00	14.43	5259.43	5259.43	0.00	5261.24	1.81	23.83	38.47	5255.00	
34470.0	1871.0	14858.0	17740.0	275.0	1007.0	2840.0	1911.0	601.0	5255.00	
0.007266	3280.0	3335.0	3220.0	0.045	0.035	0.045	0.034	5245.00	1000.00	
				20	14	0	0.00	1140.84	2140.84	
*SECNO 310.000										
3301 HV CHANGED MORE THAN HVINS										
310.00	15.33	5238.33	5239.36	0.00	5241.35	3.03	19.77	0.12	5230.00	
34470.0	13623.0	16013.0	4834.0	2354.0	828.0	641.0	2148.0	676.0	5230.00	
0.007897	2550.0	2605.0	2650.0	0.045	0.035	0.045	0.034	5223.00	929.14	
				5	8	0	0.00	1380.74	2309.88	
*SECNO 312.000										
3301 HV CHANGED MORE THAN HVINS										
312.00	17.30	5217.30	5217.97	0.00	5219.79	2.49	21.40	0.16	5215.00	
34470.0	11121.0	18186.0	5163.0	2518.0	1077.0	1045.0	2401.0	779.0	5215.00	
0.008408	2570.0	2670.0	2610.0	0.045	0.035	0.045	0.034	5200.00	1289.11	
				4	12	0	0.00	2082.23	3371.34	
*SECNO 313.000										
3301 HV CHANGED MORE THAN HVINS										
313.00	17.70	5205.40	5205.67	0.00	5207.01	1.61	12.52	0.26	5202.70	
34470.0	12842.0	15968.0	5660.0	3102.0	1122.0	1264.0	2612.0	866.0	5202.70	
0.005667	1800.0	1810.0	1855.0	0.045	0.035	0.045	0.034	5187.70	1271.38	
				3	9	0	0.00	2126.54	3397.92	
*SECNO 314.000										
3301 HV CHANGED MORE THAN HVINS										
314.00	16.73	5191.73	5192.39	0.00	5195.54	3.80	11.25	0.22	5185.00	
34470.0	8849.0	25540.0	82.0	1451.0	1433.0	33.0	2787.0	923.0	5190.00	
0.006760	1800.0	1810.0	1855.0	0.045	0.035	0.045	0.034	5175.00	999.03	
				4	5	0	0.00	589.11	1588.15	

[illegible]

SECNO	DEPTH	QLOB	QCH	CWSEL	CRIMS	WSELK	EG	HV	HL	QLOSS	BANK
TIME	QLOB	QCH	QCH	QCH	QCH	QCH	QCH	QCH	QCH	QCH	QCH
SLOPE	XLGBL	XLCH	XLCH	XLCH	XLCH	XLCH	XLCH	XLCH	XLCH	XLCH	XLCH
3301 HV CHANGED MORE THAN HVINS											
403.00	18.40	5148.40	5149.60	0.00	5152.02	3.61	5.37	0.54	5144.00		
32730.0	3129.42	23412.82	6189.78	0.045	1314.35	1294.0	3187.0	1050.0	5140.00		
0.005621	700.	700.	700.	5	13	0	0.035	1334.85	2466.13		
*SECNO 404.000											
404.00	17.08	5139.38	5140.81	0.00	5143.45	4.07	8.52	0.05	5136.00		
32730.0	4111.1	28137.7	483.42	843.5	1621.5	200.	3284.0	1083.0	5138.00		
1.14	4.88	17.36	2.42	0.045	0.035	0.040	0.035	5122.30	1129.60		
0.006904	1360.	1360.	1360.	5	5	0	0.00	793.25	1922.85		
*SECNO 405.000											
3301 HV CHANGED MORE THAN HVINS											
405.00	15.60	5135.60	5137.36	0.00	5140.67	5.07	2.68	0.10	5130.00		
32730.0	4391.1	27015.76	1325.37	818.8	1367.5	393.0	3305.0	1090.0	5130.00		
1.14	5.36	19.76	3.37	0.045	0.035	0.040	0.035	5120.00	1154.03		
0.008633	345.	345.	345.	8	5	0	0.00	1134.66	2288.69		
*SECNO 406.000											
3301 HV CHANGED MORE THAN HVINS											
406.00	15.46	5130.46	5131.62	0.00	5134.32	3.86	5.99	0.36	5128.00		
32730.0	1338.8	24097.17	7295.64	347.6	1326.9	1574.0	3349.0	1112.00	5128.00		
1.15	3.86	18.17	4.64	0.045	0.035	0.040	0.035	5115.00	1391.40		
0.009372	665.	665.	665.	6	9	0	0.00	1631.09	3022.49		
*SECNO 408.000											
3301 HV CHANGED MORE THAN HVINS											
3685 20 TRIALS ATTEMPTED WSEL, CWSEL											
3693 PROBABLE MINIMUM SPECIFIC ENERGY											
3720 CRITICAL DEPTH ASSUMED											

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK
Q	QLOB	QCH	OROB	ALOB	ACH	AROB	WTN	TWA	LEFT
TIME	VLOB	VCH	VROR	XNL	XNCH	XNR	CORAR	FLMIN	RIGHT
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT		TOPWID	SSSTA
									ENDST

408.00	18.86	5125.86	5125.86	0.00	5127.41	1.56	6.84	9.52	5122.00
32730.0	2075.28	8191.70	22464.31	393.0	522.35	3072.0	3444.0	1148.0	5120.00
1.119	5.28	15.70	7.31	0.040	0.035	0.040	0.035	5107.00	1185.42
0.005983	1110.0	1130.0	1160.0	20	11	0	0.00	1102.66	2288.08

*SECNO 409.000
3685 20 TRIALS ATTEMPTED WSEL,CWSEL
3693 PROBABLE MINIMUM SPECIFIC ENERGY
3720 CRITICAL DEPTH ASSUMED

409.00	19.13	5122.13	5122.13	0.00	5124.01	1.88	2.88	0.57	5116.00
32730.0	13754.0	17689.93	1287.27	2268.0	1270.0	302.0	3506.0	1164.0	5118.00
1.121	6.07	13.93	4.27	0.040	0.035	0.040	0.035	5103.00	1260.00
0.004343	752.0	585.0	690.0	20	5	0	0.00	934.66	2194.67

*SECNO 410.000

3301 HV CHANGED MORE THAN HVINS

410.00	16.15	5115.15	5116.57	0.00	5119.88	4.73	3.85	0.29	5112.00
32730.0	5702.0	24173.0	2856.0	902.0	1211.0	445.0	3539.0	1172.0	5112.00
1.121	6.32	19.96	6.41	0.040	0.035	0.040	0.035	5099.00	1068.01
0.011185	370.0	560.0	430.0	7	9	0	0.00	838.82	1906.83

*SECNO 412.000
WATER EL=XS CARD= 5106.600

3301 HV CHANGED MORE THAN HVINS

3470 ENCROACHMENT STATIONS=

412.00	11.13	5104.13	5104.24	5097.50	5107.61	3.48	8.60	0.37	5100.00
29780.0	1136.0	28305.0	339.0	213.0	1848.0	64.0	3590.0	1186.0	5100.00
1.123	5.34	15.31	5.31	0.040	0.035	0.040	0.035	5093.00	1846.84
0.007869	990.0	900.0	1050.0	0	15	0	0.00	359.11	2205.95

*SECNO 414.000

3301 HV CHANGED MORE THAN HVINS

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GLOSS	BANK	ELEV
Q TIME	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT	RIGHT
SLOPE	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA	ENDST
XLCH	XLCH	XLORR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST		
3685 20 TRIALS ATTEMPTED WSEL,CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
3470 ENCROACHMENT STATIONS=										
414.00	14.12	5102.12	1000.0	5094.55	3000.0	TYPE=	1	TARGET=	2000.000	5098.00
29780.	1505.1	114699.	30.	2624.	1072.	11.	3649.	1199.	5100.00	5100.00
1.26	5.74	13.71	2.67	0.040	0.035	0.040	0.035	5088.00	1242.58	1242.58
0.004669	850.	930.	930.	20	11	0	0.00	995.09	2237.67	2237.67
*SECNO 4141.000										
3301 HV CHANGED MORE THAN HVINS										
4141.00	17.35	5095.35	5096.74	5085.06	5099.38	4.03	4.21	0.23	5090.00	5090.00
29780.	6590.	22166.	1025.	1307.	1201.	270.	3693.	1212.	5090.00	5090.00
1.27	5.04	18.46	3.80	0.045	0.040	0.045	0.035	5078.00	1618.87	1618.87
0.008475	520.	710.	660.	6	16	0	0.00	1031.12	2649.99	2649.99
*SECNO 4142.000										
3301 HV CHANGED MORE THAN HVINS										
4142.00	18.35	5090.85	5091.53	5080.14	5093.65	2.79	5.36	0.37	5088.00	5088.00
29780.	2507.	20916.	6356.	550.	1338.	1148.	3736.	1226.	5088.00	5088.00
1.28	4.56	15.63	5.54	0.045	0.040	0.045	0.035	5072.50	1151.46	1151.46
0.007831	630.	670.	620.	4	8	0	0.00	902.63	2054.09	2054.09
*SECNO 4144.000										
3265 DIVIDED FLOW										
3301 HV CHANGED MORE THAN HVINS										
4144.00	20.41	5083.41	5083.69	5075.17	5085.33	1.92	8.06	0.26	5078.00	5078.00
29780.	3921.	12191.	13668.	610.	775.	2242.	3815.	1249.	5078.00	5078.00
1.31	6.43	15.73	6.10	0.045	0.040	0.045	0.035	5063.00	1055.82	1055.82
0.007623	1000.	1080.	995.	3	12	0	0.00	1048.51	2121.36	2121.36

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76
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SECNO	Q TIME SLOPE	DEPTH QLOB VLOB XLOBL	CWSEL QCH VCH XLCH	CRIMS QROB VROB XLOBR	WSELK ALOB XNL ITRIAL	EG ACH XNCH IDC	HV AROB XNR ICONT	HL VOL WTN CORAR	CLOSS TWA ELMIN TOPWID	BANK ELEV LEFT/RIGHT SSTA ENDST
*SECNO 4146.000										
	4146.00	18.15	5075.65	5076.14	5066.90	5077.96	2.30	7.34	0.04	5070.00
	29780	717	14213	14850	130	861	2502	3895	1271	5070.00
	1.34	5.53	16.51	5.93	0.045	0.040	0.045	0.035	5057.50	1079.09
	0.007099	1010.	1035.	960.	3	13	0	0.00	962.15	2041.25
*SECNO 4148.000										
3301 HV CHANGED MORE THAN HVINS										
	4148.00	17.68	5063.68	5063.87	5058.25	5065.32	1.64	12.44	0.20	5060.00
	29780	17136	7413	5231	2349	449	838	4013	1306	5060.00
	1.38	7.30	16.51	6.24	0.045	0.040	0.045	0.035	5046.00	1224.36
	0.009956	1490.	1520.	1365.	2	6	0	0.00	1179.91	2404.26
*SECNO 4152.000										
3685 20 TRIALS ATTEMPTED WSEL, CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
	4152.00	17.01	5055.21	5055.21	5047.76	5056.92	1.71	10.49	33.56	5052.00
	29780	18616	11128	36	2638	767	17	4112	1335	5054.00
	1.42	7.06	14.52	2.19	0.045	0.040	0.045	0.035	5038.20	1212.56
	0.008555	1210.	1235.	1300.	20	10	0	0.00	884.73	2097.29
*SECNO 4154.000										
	4154.00	19.70	5043.50	5043.58	5030.73	5045.52	2.02	11.37	0.03	5040.00
	29780	58	23650	6072	20	1865	1796	4272	1378	5040.00
	1.47	2.83	12.68	3.38	0.045	0.040	0.045	0.035	5023.80	1208.33
	0.003679	1970.	2100.	1780.	3	9	0	0.00	1100.08	2308.41
*SECNO 4156.000										
3301 HV CHANGED MORE THAN HVINS										
3685 20 TRIALS ATTEMPTED WSEL, CWSEL										
3693 PROBABLE MINIMUM SPECIFIC ENERGY										
3720 CRITICAL DEPTH ASSUMED										
	4156.00	15.24	5026.94	5026.94	5017.96	5032.38	5.43	20.29	4.04	5030.00
	29780	0	29780	0	0	1592	0	4373	1399	5030.00
	1.49	0.00	18.71	0.00	0.045	0.040	0.045	0.036	5011.70	1526.11
	0.011439	1660.	1820.	1370.	20	15	0	0.00	149.30	1675.42

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	CLOSS	BANK ELEV
Q	QLOB	OCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT/RIGHT
TIME	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	SSTA
SLOPE	XLOBL	XLCH	XLOBR	ITRIAL	IDC	ICONT	CORAR	TOPWID	ENDST
*SECNO 420.000									
3301 HV CHANGED MORE THAN HVINS									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3693 PROBABLE MINIMUM SPECIFIC ENERGY									
3720 CRITICAL DEPTH ASSUMED									
420.00	19.99	5025.69	5025.69	5014.45	5027.89	2.21	5.34	15.70	5020.00
29780	1236	17430	11114	256	1187	1754	4426	1408	5020.00
1.52	4.84	14.68	6.34	0.045	0.040	0.045	0.036	5005.70	1150.63
0.005544	930.	965.	960.	20	16	0	0.00	667.73	1818.36
*SECNO 422.000									
3301 HV CHANGED MORE THAN HVINS									
422.00	12.70	5011.70	5013.89	5004.81	5019.92	8.21	7.37	0.60	5020.00
29780	0.	29770	10.	0.	1294	4	4481	1418	5010.00
1.53	0.00	23.00	2.57	0.045	0.025	0.045	0.036	4999.00	1437.83
0.008175	1090.	1090.	1010.	6	15	0	0.00	146.37	1584.19
*SECNO 424.000									
3301 HV CHANGED MORE THAN HVINS									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3710 WSEL ASSUMED BASED ON MIN DIFF									
424.00	14.57	5011.57	5011.86	5002.08	5017.67	6.10	1.22	0.93	5000.00
29780	772.	29004	4.	120	1446	2	4490	1419	5010.00
1.54	6.41	20.05	1.69	0.045	0.025	0.045	0.035	4997.00	1079.98
0.004343	280.	280.	280.	20	8	0	0.00	146.04	1226.02
*SECNO 426.000									
3301 HV CHANGED MORE THAN HVINS									
3685 20 TRIALS ATTEMPTED WSEL,CWSEL									
3693 PROBABLE MINIMUM SPECIFIC ENERGY									
3720 CRITICAL DEPTH ASSUMED									
426.00	23.72	5006.02	5006.02	4989.42	5014.79	8.77	2.55	4.81	4990.00
29780	1295	27097	1388	271	1090	289	4553	1424	4990.00
1.56	4.77	24.86	4.81	0.045	0.017	0.045	0.035	4982.30	1111.11
0.001490	1690.	1710.	1770.	20	14	0	0.00	119.94	1231.05

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SECNO	Q TIME SLOPE	DEPTH GLOB VLOB XLDBL	CWSEL GCH VCH XLCH	CRIMS QROB VROB XLOBR	WSELK ALOB ITRIAL	EG ACH XNCH IDC	HV AROB XNR ICONT	HL VOL WTN CORAR	QLOSS TWA ELMIN TOPWID	BANK LEFT/RIGHT SSTA ENDST
*SECNO 428.000										
3301 HV CHANGED MORE THAN HVINS										
428.00	15.01	4985.01	4992.79	4974.49	5010.37	25.36	2.76	1.66	4975.00	
29780.0	1135.0	28426.3	218.0	144.0	688.0	0.045	4572.0	1426.0	4975.00	
0.007142	640.0	41.33	5.81	0.045	0.017	0	0.035	86.37	1116.13	
*SECNO 429.000										
3301 HV CHANGED MORE THAN HVINS										
429.00	14.32	4968.02	4975.64	4958.89	4995.70	27.68	14.44	0.23	4970.00	
29780.0	0.00	29780.0	0.00	0.045	705.0	0.045	4596.0	1428.0	4970.00	
0.014713	1380.0	42.22	0.00	0.045	0.017	0	0.035	4953.70	1083.95	
*SECNO 429.200										
3301 HV CHANGED MORE THAN HVINS										
429.20	14.69	4960.49	4967.74	4950.65	4986.14	25.65	8.95	0.61	4962.10	
29780.0	0.00	29780.0	0.00	0.045	733.0	0.045	4606.0	1430.0	4962.10	
0.013303	640.0	40.64	0.00	0.045	0.017	0	0.034	4945.80	1083.24	
*SECNO 429.600										
3301 HV CHANGED MORE THAN HVINS										
429.60	14.70	4952.60	4959.71	4942.70	4977.53	24.93	8.39	0.22	4954.20	
29420.0	0.00	29420.0	0.00	0.045	734.0	0.045	4617.0	1431.0	4954.20	
0.012912	640.0	40.07	0.00	0.045	0.017	0	0.034	4937.90	1083.20	
*SECNO 430.000										

SECNO	DEPTH	CWSEL	CRWS	WSELK	EG	AROB	HL	GLOSS	BANK	ELEV
G	TIME	QLOB	QROB	WSEL	ACH	ICONT	VOL	TWA	LEFT	RIGHT
SLOPE	XLGBL	VCH	XLGBR	ITRIAL	IDC	ICONT	CORAR	ELMIN	SSSTA	ENDST

3301 HV CHANGED MORE THAN HVINS

430.00	19.71	4949.71	4956.65	4937.57	4971.11	21.39	5.36	1.06	4940.00	
29420.0	613.9	28022.0	785.0	94.5	737.7	118.0	4629.4	1432.0	4940.00	
1.38	6.49	38.00	6.65	0.045	0.017	0.045	0.034	4930.00	1000.56	
0.005437	640.	640.	640.	5	14	0	0.00	88.73	1089.30	

*SECNO 431.000

3301 HV CHANGED MORE THAN HVINS

431.00	15.51	4944.41	4951.40	4936.42	4967.44	23.03	3.51	0.16	4950.00	
29420.0	0.	29264.0	156.0	0.	758.0	29.0	4638.0	1433.0	4940.00	
1.59	0.00	38.61	5.35	0.045	0.017	0.045	0.034	4928.90	1266.19	
0.009819	460.	460.	460.	10	8	0	0.00	87.04	1353.22	

*SECNO 431.200

3301 HV CHANGED MORE THAN HVINS

431.20	17.04	4944.74	4950.17	4936.57	4961.99	17.26	3.71	1.73	4948.85	
29420.0	0.	29146.0	274.0	0.	870.0	52.0	4648.0	1434.0	4938.85	
1.59	0.00	33.49	5.27	0.045	0.017	0.045	0.034	4927.70	1263.23	
0.006488	465.	465.	465.	7	14	0	0.00	94.44	1357.66	

*SECNO 431.600

3301 HV CHANGED MORE THAN HVINS

431.60	18.52	4945.12	4949.05	4935.45	4958.27	13.15	2.49	1.23	4947.70	
29420.0	0.	29000.0	420.0	0.	990.0	83.0	4658.0	1435.0	4937.70	
1.59	0.00	29.31	5.08	0.045	0.017	0.045	0.034	4926.60	1260.15	
0.004412	465.	465.	465.	12	11	0	0.00	102.11	1362.27	

*SECNO 432.000

3280 CROSS SECTION 432.00 EXTENDED 4.57 FEET

SECNO	DEPTH	CWSEL	CRIMS	WSELK	EG	HV	HL	GROSS	BANK
TIME	QLOB	QCH	QROB	ALOB	ACH	AROB	VOL	TWA	LEFT
SLOPE	VLOB	VCH	VROB	XNL	XNCH	XNR	WTN	ELMIN	RIGHT
	XLOB	XLCH	XLOBR	ITRIAL	IDC	ICOMT	CORAR	TOPWID	SSTA
									ENDST

3301 HV CHANGED MORE THAN HVINS

3685	20	TRIALS	ATTEMPTED	MSEL	CWSEL				
3693		PROBABLE	MINIMUM	SPECIFIC	ENERGY				
3720		CRITICAL	DEPTH	ASSUMED					
	432.00		24.17	4949.57	4934.90	4957.69	8.11	1.47	4940.00
	29420.0		817.0	28092.37	511.0	1202.7	121.0	1436.0	4940.00
	1.60		4.62	23.37	0.045	0.017	0.034	4925.40	1035.00
	0.001843		460.0	460.0	20	11	0.00	110.00	1145.00

CCHV= 0.100 CEHV= 0.300
*SECNO 433.000
3280 CROSS SECTION 433.00 EXTENDED 4.60 FEET

3685	20	TRIALS	ATTEMPTED	MSEL	CWSEL				
3693		PROBABLE	MINIMUM	SPECIFIC	ENERGY				
3720		CRITICAL	DEPTH	ASSUMED					
	433.00		24.20	4946.30	4931.61	4954.09	7.79	-0.24	4936.70
	29420.0		1046.0	27718.0	177.0	1203.0	122.0	1440.0	4936.70
	1.62		5.90	23.03	0.045	0.022	0.045	4922.10	1035.00
	0.002993		1550.0	1520.0	20	5	0.00	110.00	1145.00

*SECNO 434.000

3301 HV CHANGED MORE THAN HVINS

434.00	11.95	4932.95	4937.98	4925.06	4949.61	16.66	3.59	0.89	4930.00
29420.0	27.0	29356.0	37.0	7.0	895.0	9.0	4738.0	1441.0	4930.00
1.62	4.09	32.79	4.29	0.045	0.022	0.045	0.033	4921.00	1010.58
0.011679	490.0	490.0	490.0	8	19	0	0.00	100.32	1110.90

HEC2 RELEASE DATED NOV 76, UPDATED APR. 1980
ERROR CORR - 01,02,03,04
MODIFICATION - 50,51,52,53,54

THIS RUN EXECUTED 28-JAN-82 13:45:31

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

TIJERAS ARROYO
SUMMARY PRINTOUT

SECNO	CWSEL	CRIMS	TOPWID	Q	QLOB	QCH	QROB	VCH	SSTA	ENDST	ELMIN	XLCH
62407.000	5671.31	5671.72	89.84	4600.00	0.00	4600.00	0.00	12.99	1034.20	1124.04	5665.70	0.00
62407.000	5673.12	5674.46	105.27	9550.00	0.00	9549.81	0.19	18.03	1031.39	1136.66	5665.70	0.00
62407.000	5674.12	5676.24	118.87	13600.00	0.00	13577.75	22.25	21.20	1029.73	1148.59	5665.70	0.00
62407.000	5677.12	5681.15	168.31	27200.00	55.02	26576.98	568.00	28.05	1019.15	1187.46	5665.70	0.00
198.000	5635.65	5637.77	76.46	4600.00	673.06	3359.24	567.70	23.80	1067.66	1144.11	5630.00	1820.00
198.000	5638.61	5641.34	101.08	9550.00	2009.42	6086.28	1454.30	28.28	1056.96	1158.04	5630.00	1820.00
198.000	5640.43	5643.47	118.45	13600.00	3218.69	8067.79	2313.52	30.94	1047.85	1166.29	5630.00	1820.00
198.000	5644.58	5648.72	151.66	27200.00	7588.42	13969.18	5642.40	38.32	1027.09	1178.75	5630.00	1820.00
200.000	5609.86	5610.15	123.63	4600.00	0.00	4600.00	0.00	11.56	1140.68	1264.32	5606.00	1790.00
200.000	5611.27	5612.39	131.98	9550.00	0.00	9550.00	0.00	16.52	1136.83	1268.81	5606.00	1790.00
200.000	5612.19	5613.87	137.04	13600.00	0.00	13600.00	0.00	19.38	1134.53	1271.57	5606.00	1790.00
200.000	5614.80	5617.82	151.42	27200.00	0.00	27200.00	0.00	25.21	1127.99	1279.41	5606.00	1790.00
202.000	5586.75	5587.82	142.14	4600.00	0.00	4600.00	0.00	14.70	1158.87	1301.01	5583.00	1025.00
202.000	5588.19	5589.62	180.35	9550.00	0.00	9550.00	0.00	17.44	1129.07	1309.42	5583.00	1025.00
202.000	5588.99	5590.76	189.07	13600.00	0.00	13600.00	0.00	19.54	1125.05	1314.11	5583.00	1025.00
202.000	5590.97	5593.89	207.75	27200.00	4.66	27195.34	0.00	24.99	1116.12	1323.88	5583.00	1025.00
204.000	5567.86	5567.86	150.34	4600.00	0.00	4600.00	0.00	10.00	1056.79	1207.14	5563.00	1215.00
204.000	5569.90	5569.90	183.40	9550.00	0.00	9550.00	0.00	11.92	1040.76	1224.16	5563.00	1215.00
204.000	5571.07	5571.07	190.35	13600.00	2.34	13594.02	3.65	13.35	1037.86	1228.21	5563.00	1215.00
204.000	5573.84	5574.39	204.17	27200.00	70.91	27018.46	110.63	17.67	1032.33	1236.50	5563.00	1215.00
206.000	5556.13	5556.42	233.40	4600.00	0.00	4600.00	0.00	9.90	1054.67	1288.08	5553.00	685.00
206.000	5557.17	5557.88	247.23	9550.00	0.00	9550.00	0.00	13.38	1052.08	1299.31	5553.00	685.00
206.000	5557.84	5558.86	256.15	13600.00	0.00	13600.00	0.00	15.42	1050.41	1306.56	5553.00	685.00
206.000	5559.63	5561.39	280.19	27200.00	0.00	27200.00	0.00	19.92	1045.90	1326.09	5553.00	685.00
207.000	5549.93	5549.93	237.45	4600.00	0.00	4600.00	0.00	8.58	1053.91	1291.37	5546.50	390.00
207.000	5551.41	5551.41	257.09	9550.00	0.00	9550.00	0.00	10.61	1050.23	1307.32	5546.50	390.00
207.000	5552.36	5552.36	269.77	13600.00	0.00	13600.00	0.00	11.82	1047.86	1317.62	5546.50	390.00
207.000	5554.58	5554.89	290.13	27200.00	2.89	27193.88	3.24	15.32	1042.57	1332.70	5546.50	390.00

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SECNO	CWSEL	CRIWS	TUPWID	QLOB	QCH	QPOB	VCH	SSTA	ENDST	ELMIN	XLCH
208.000	5561.04	5561.04	316.04	71.22	4025.01	503.77	9.27	1270.38	1586.42	5546.50	20.00
208.000	5562.67	5562.67	387.81	814.18	6506.96	2228.86	10.72	1255.67	1643.48	5546.50	20.00
208.000	5563.57	5563.57	432.99	1790.27	8044.13	3765.60	11.45	1242.06	1675.05	5546.50	20.00
208.000	5565.53	5565.53	558.51	5995.92	12160.37	9043.71	13.36	1185.07	1743.58	5546.50	20.00
209.000	5560.00	5560.00	310.30	7.90	4040.02	552.08	11.00	1271.55	1581.86	5546.00	40.00
209.000	5562.37	5562.37	389.25	553.15	6409.12	2587.72	11.50	1255.38	1644.63	5546.00	40.00
209.000	5563.44	5563.44	445.60	1422.11	7792.44	4385.43	11.63	1236.33	1681.93	5546.00	40.00
209.000	5565.24	5565.24	559.54	5301.14	12003.68	9895.18	13.98	1184.60	1744.14	5546.00	40.00
209.400	5544.22	5546.48	98.15	0.00	4600.00	0.00	25.52	1401.19	1499.34	5542.00	70.00
209.400	5545.63	5548.96	119.79	0.00	9550.00	0.00	28.30	1392.17	1511.96	5542.00	70.00
209.400	5546.63	5550.26	164.43	31.22	13544.26	24.52	29.52	1367.92	1532.35	5542.00	70.00
209.400	5548.94	5552.30	369.72	1821.80	24201.99	1176.21	32.38	1226.10	1593.82	5542.00	70.00
209.600	5542.99	5543.42	154.51	0.00	4600.00	0.00	11.45	1476.36	1630.87	5540.00	120.00
209.600	5544.57	5545.40	167.55	0.00	9550.00	0.00	17.04	1470.21	1637.76	5540.00	120.00
209.600	5546.46	5549.20	186.19	11.35	13588.65	0.00	20.51	1455.79	1641.98	5540.00	120.00
210.000	5540.75	5540.75	207.94	23.84	4569.81	6.34	9.44	1441.10	1649.04	5537.00	225.00
210.000	5542.74	5542.74	395.37	710.93	8679.53	159.54	10.69	1278.52	1672.89	5537.00	225.00
210.000	5543.42	5543.93	502.16	1590.66	11696.48	312.86	12.76	1177.90	1681.06	5537.00	225.00
210.000	5544.42	5545.89	605.21	5216.93	21133.23	849.83	19.42	1087.75	1692.97	5537.00	225.00
212.000	5522.00	5522.12	349.97	0.00	4600.00	0.00	8.07	1855.01	2204.98	5520.00	1240.00
212.000	5522.75	5523.24	371.50	0.00	9550.00	4.65	11.41	1838.26	2209.75	5520.00	1240.00
212.000	5523.36	5523.98	389.07	0.00	13600.00	22.33	12.76	1824.57	2213.64	5520.00	1240.00
212.000	5525.28	5526.10	499.07	163.29	26840.55	196.16	14.75	1726.88	2225.95	5520.00	1240.00
214.000	5503.75	5503.75	564.28	424.66	3617.20	558.14	7.66	1326.92	1891.19	5501.00	1445.00
214.000	5504.70	5504.70	665.15	1438.38	6253.04	1858.58	9.31	1259.52	1924.66	5501.00	1445.00
214.000	5505.25	5505.25	704.48	2394.36	8209.42	2996.22	10.43	1223.36	1928.32	5501.00	1445.00
214.000	5506.53	5506.68	766.50	6079.69	14286.86	6833.45	13.53	1170.36	1936.87	5501.00	1445.00
216.000	5485.92	5485.92	815.63	0.00	3173.74	1126.25	6.12	1155.40	1971.03	5484.00	1370.00
216.000	5486.52	5486.55	887.65	9.70	6267.17	2803.12	7.95	1123.17	2010.82	5484.00	1370.00
216.000	5486.88	5486.96	925.34	41.03	8664.67	4194.30	9.06	1107.54	2032.88	5484.00	1370.00
216.000	5487.91	5488.12	1030.44	312.98	16365.92	9121.10	11.50	1063.96	2094.40	5484.00	1370.00
218.000	5470.50	5470.50	425.25	5.08	4293.75	1.17	6.98	1432.63	1857.88	5468.00	1185.00
218.000	5471.49	5471.49	455.29	83.58	8977.16	19.26	8.81	1408.25	1863.55	5468.00	1185.00
218.000	5472.12	5472.12	474.49	207.31	12644.92	47.77	9.90	1392.68	1867.17	5468.00	1185.00
218.000	5473.89	5473.89	528.65	966.64	24610.63	222.73	12.27	1348.74	1877.39	5468.00	1185.00
220.000	5453.57	5453.57	364.82	152.72	4129.45	17.82	7.56	1462.06	1826.87	5451.50	1445.00
220.000	5454.69	5454.69	411.10	588.99	8422.29	68.72	9.54	1420.68	1831.78	5451.50	1445.00
220.000	5455.43	5455.43	441.58	1074.92	11699.66	125.42	10.59	1393.44	1835.02	5451.50	1445.00
220.000	5456.98	5457.40	505.42	3087.81	22351.91	360.27	14.25	1336.36	1841.79	5451.50	1445.00

SECNO	CWSEL	CRIMS	TCPWID	Q	QLOB	GCH	GRCP	VCH	SSTA	ENDST	ELMIN	XLGH
* 222.000	5440.34	5440.34	389.82	4300.00	3.11	2736.05	1560.84	7.60	1347.07	1736.90	5437.00	1055.00
* 222.000	5441.40	5441.40	435.26	9080.00	116.76	5929.83	3033.41	9.66	1307.45	1746.71	5437.00	1055.00
* 222.000	5442.03	5442.10	461.88	12900.00	305.92	8404.12	4189.97	11.02	1284.23	1746.11	5437.00	1055.00
AK 222.000	5443.72	5443.97	534.68	25800.00	1481.50	16369.91	7948.59	14.01	1220.75	1755.42	5437.00	1055.00
* 224.000	5435.75	5435.75	351.63	4300.00	548.20	3751.80	0.00	9.26	1197.75	1549.38	5429.50	705.00
* 224.000	5437.41	5437.41	449.87	9080.00	3317.17	5762.83	0.00	10.51	1103.65	1553.52	5429.50	705.00
* 224.000	5438.00	5438.00	474.96	12900.00	5456.26	7443.73	0.00	12.38	1080.04	1555.00	5429.50	705.00
* AR 224.000	5439.93	5439.93	557.18	25800.00	14098.36	11701.64	0.00	15.00	1002.66	1559.83	5429.50	705.00
225.000	5427.26	5427.75	388.25	4300.00	171.84	3778.08	350.07	10.83	1159.97	1548.22	5424.00	685.00
225.000	5428.21	5428.86	699.76	9080.00	838.73	6453.79	1787.48	13.65	1103.03	1802.80	5424.00	685.00
AP 225.000	5429.88	5430.73	788.39	25800.00	1497.60	7948.83	3453.57	14.78	1086.80	1813.20	5424.00	685.00
226.000	5413.28	5413.28	255.85	4300.00	0.00	109.82	4190.18	4.31	1521.48	1891.46	5408.00	800.00
226.000	5414.62	5414.62	307.97	9080.00	0.00	636.14	8443.86	7.95	1515.38	1938.08	5408.00	800.00
226.000	5415.46	5415.46	322.03	12900.00	0.00	1134.81	11765.19	9.35	1511.53	1932.32	5408.00	800.00
226.000	5417.90	5417.90	409.29	25800.00	0.00	3011.46	22788.54	10.53	1500.45	1944.51	5408.00	800.00
* 227.000	5398.72	5398.72	108.98	4300.00	0.00	4300.00	0.00	10.88	1598.20	1707.18	5394.00	1010.00
* 227.000	5401.29	5401.29	147.54	9080.00	0.00	9080.00	0.00	12.60	1585.34	1732.88	5394.00	1010.00
* 227.000	5402.68	5402.68	165.09	12900.00	0.88	12897.29	1.83	13.74	1578.30	1743.39	5394.00	1010.00
* 227.000	5406.42	5406.81	329.62	25800.00	413.71	25059.83	326.46	16.30	1203.95	2045.26	5394.00	1010.00
227.000	5388.69	5388.69	167.27	4300.00	0.00	4300.00	0.00	9.43	1702.84	1870.11	5384.50	980.00
* 230.000	5390.52	5390.52	206.23	9080.00	0.00	9080.00	0.00	11.37	1670.75	1876.98	5384.50	980.00
230.000	5391.40	5391.70	224.52	12900.00	0.00	12900.00	0.00	13.11	1655.69	1880.21	5384.50	980.00
230.000	5393.38	5394.80	266.69	25800.00	0.00	25800.00	0.00	17.54	1620.96	1887.65	5384.50	980.00
230.000	5365.94	5366.23	185.87	4300.00	26.63	4203.97	69.40	11.37	1734.26	1920.12	5360.00	2070.00
230.000	5367.72	5368.56	398.94	9080.00	483.65	7335.60	1260.75	14.55	1675.17	2074.11	5360.00	2070.00
230.000	5368.74	5369.42	519.91	12900.00	1090.00	8968.66	2841.34	15.45	1641.62	2161.53	5360.00	2070.00
230.000	5370.81	5371.50	1172.11	25800.00	3643.61	12392.21	9764.19	16.84	1150.86	2572.95	5360.00	2070.00
230.000	5330.83	5330.83	746.30	4300.00	0.00	317.89	3982.11	5.30	1754.25	2916.45	5329.00	3285.00
230.000	5331.52	5331.52	942.56	9080.00	0.00	917.57	8162.43	6.97	1737.01	2963.33	5329.00	3285.00
230.000	5331.94	5331.94	1061.54	12900.00	0.00	1431.46	11468.53	7.75	1726.56	2991.75	5329.00	3285.00
230.000	5332.97	5332.97	1356.22	25800.00	0.00	3263.67	22536.33	9.39	1700.68	3062.14	5329.00	3285.00
* 304.000	5306.36	5306.36	681.68	4300.00	151.70	2773.30	1375.01	8.03	1467.90	2149.58	5300.00	2860.00
* 304.000	5307.29	5307.29	987.25	9080.00	713.41	4333.09	4033.49	10.55	1377.53	2364.79	5300.00	2860.00
* 304.000	5307.93	5307.93	1194.82	12900.00	1351.57	5084.30	6464.13	11.18	1316.15	2510.97	5300.00	2860.00
* 304.000	5309.13	5309.13	1590.72	25800.00	3711.29	7383.38	14705.33	13.69	1199.07	2789.79	5300.00	2860.00
306.000	5280.61	5281.46	222.83	4300.00	30.46	4230.47	39.07	12.02	1434.62	1657.45	5275.00	2900.00
306.000	5282.31	5283.08	606.96	9080.00	971.52	6862.17	1246.31	13.83	1266.35	1873.32	5275.00	2900.00
306.000	5283.03	5283.78	769.18	12900.00	2000.97	8332.09	2566.94	14.95	1195.29	1964.47	5275.00	2900.00
AL 306.000	5284.75	5285.38	1157.29	25800.00	6239.98	11555.09	8004.93	16.43	1025.28	2182.57	5275.00	2900.00

	SECNO	CWSEL	CRIMS	TOPWID	O	QLOB	OCH	OROB	VCH	SSTA	ENDST	ELMIN	XLCH
1	*	308:000	5255:21	5255:21	365:02	4920:00	1:01	4661:29	257:70	9:31	1055:06	1549:87	5245:00
2	*	308:000	5256:81	5256:96	774:07	10530:00	285:19	7326:41	2918:39	10:57	1000:00	1774:78	5245:00
3	* AC	308:000	5259:43	5259:43	924:07	17240:00	749:57	6878:26	6878:26	11:70	1000:00	1924:07	5245:00
4					1140:84	34470:00	1871:36	14858:30	17740:33	14:75	1000:00	2140:84	5245:00
5		310:000	5231:86	5232:17	142:08	4920:00	131:32	4715:22	73:45	12:60	1983:80	2125:87	5223:00
6		310:000	5234:25	5235:48	236:04	10530:00	1201:01	8657:20	671:79	15:94	19923:57	2159:60	5223:00
7		310:000	5236:05	5237:36	616:68	17240:00	3533:38	11866:05	1840:58	17:75	1597:41	2214:09	5223:00
8		310:000	5238:33	5239:36	1380:74	34470:00	13623:36	16013:14	4833:50	19:34	929:14	2309:88	5223:00
9	*	312:000	5209:76	5209:76	65:85	4920:00	0:00	4920:00	0:00	13:46	2764:04	2829:88	5200:00
10	*	312:000	5213:64	5213:64	98:43	10530:00	0:00	10530:00	0:00	15:41	2738:85	2837:28	5200:00
11		312:000	5216:23	5216:96	1964:22	17240:00	2181:62	13516:17	1542:21	14:09	1336:31	3300:53	5200:00
12		312:000	5217:30	5217:97	2082:22	34470:00	11120:74	18185:90	5163:35	16:88	1289:11	3371:34	5200:00
13	*	313:000	5197:46	5197:46	65:80	4920:00	0:00	4920:00	0:00	13:48	2764:07	2829:88	5187:70
14	*	313:000	5201:50	5201:50	99:79	10530:00	0:00	10530:00	0:00	15:06	2737:81	2837:28	5187:70
15		313:000	5203:93	5204:60	1965:35	17240:00	2220:59	13463:77	1555:64	14:02	12335:86	3301:21	5187:70
16		313:000	5205:40	5205:67	2126:54	34470:00	12842:08	15967:86	5660:06	14:24	1271:38	3397:92	5187:70
17	*	314:000	5182:48	5182:48	87:32	4920:00	0:00	4920:00	0:00	12:26	1447:64	1534:96	5175:00
18	*	314:000	5185:91	5185:91	169:91	10530:00	48:39	10481:60	0:00	13:96	1371:91	1541:82	5175:00
19		314:000	5187:95	5188:95	303:84	17240:00	1119:17	16120:83	0:00	16:42	1242:03	1545:87	5175:00
20		314:000	5191:73	5192:39	589:11	34470:00	8848:96	25539:50	81:54	17:82	999:03	1588:15	5175:00
21	*	315:000	5171:66	5171:66	81:66	4920:00	0:00	4920:00	0:00	12:56	1379:49	1461:15	5163:80
22		315:000	5174:93	5175:47	166:29	10530:00	83:08	10446:92	0:00	14:96	1300:75	1467:04	5163:80
23		315:000	5177:01	5178:32	290:05	17240:00	1342:93	15897:07	0:00	17:42	1180:74	1470:79	5163:80
24		315:000	5179:88	5181:80	479:90	34470:00	7777:34	26665:81	26:85	21:86	1015:56	1495:46	5163:80
25	*	316:000	5164:65	5164:65	58:45	4920:00	0:00	4920:00	0:00	14:08	1520:77	1579:23	5155:00
26	*	316:000	5169:02	5169:02	89:72	10530:00	0:00	10530:00	0:00	15:69	1511:95	1601:67	5155:00
27	* AD	316:000	5172:36	5172:36	114:37	17240:00	0:00	17240:00	0:00	17:04	1505:27	1619:65	5155:00
28		316:000	5180:49	5180:49	1796:63	34470:00	5124:97	25877:89	3467:14	12:10	986:38	2783:01	5155:00
29	*	400:000	5158:81	5158:81	76:80	4520:00	0:00	4520:00	0:00	12:43	1328:73	1405:53	5152:00
30	*	400:000	5162:32	5162:32	107:76	9800:00	0:00	9799:80	0:20	14:34	1313:42	1421:18	5152:00
31	* AC	400:000	5165:73	5165:73	245:59	16370:00	244:79	16008:95	116:26	14:98	1188:39	1433:98	5152:00
32		400:000	5168:48	5170:19	391:82	32730:00	3764:38	28244:08	721:54	20:40	1064:83	1456:65	5152:00
33	*	402:000	5144:10	5144:10	89:88	4520:00	0:00	4520:00	0:00	11:82	1320:64	1410:52	5137:00
34	* AB	402:000	5147:14	5147:14	115:65	9800:00	0:00	9800:00	0:00	14:12	1310:02	1425:68	5137:00
35		402:000	5149:38	5149:88	134:68	16370:00	0:00	16370:00	0:00	16:81	1302:19	1436:87	5137:00
36		402:000	5152:52	5154:20	1491:48	32730:00	2515:45	28261:85	1952:71	20:01	711:33	2202:81	5137:00
37	*	403:000	5137:76	5137:76	71:52	4520:00	0:00	4520:00	0:00	12:73	1773:38	1844:90	5130:00
38	*	403:000	5141:26	5141:26	93:34	9800:00	0:00	9793:04	6:95	15:23	1765:87	1859:21	5130:00
39	* AH	403:000	5144:46	5144:46	117:86	16370:00	2:05	16182:79	185:16	17:24	1751:99	1869:86	5130:00
40		403:000	5148:40	5149:60	1334:85	32730:00	3128:58	23412:50	6188:92	17:82	1131:28	2466:13	5130:00

SECNO	CWSEL	CRIMS	TOPWID	QLOF	OCH	GRUB	VCH	SSTA	ENDST	ELMIN	XLCH
* 404.000	5129.56	5129.56	93.86	0.00	4520.00	0.00	11.66	1507.96	1601.83	5122.30	1360.00
* 404.000	5132.48	5132.48	117.48	0.00	9800.00	0.00	14.12	1498.81	1613.30	5122.30	1360.00
* 404.000	5135.09	5135.09	131.39	0.00	16370.00	0.00	16.12	1498.81	1623.57	5122.30	1360.00
* 404.000	5139.38	5139.38	793.25	4110.50	28136.88	482.62	17.36	1129.60	1922.85	5122.30	1360.00
* 405.000	5127.06	5127.06	90.60	0.00	4520.00	0.00	11.73	1564.70	1655.30	5120.00	345.00
* 405.000	5130.05	5130.05	128.42	0.00	9800.00	0.00	13.98	1549.76	1670.19	5120.00	345.00
* 405.000	5133.02	5133.02	243.33	182.65	16117.87	69.48	15.24	1438.00	1681.33	5120.00	345.00
* 405.000	5135.60	5135.60	1134.66	4390.81	27014.64	1324.54	19.76	1154.03	2288.69	5120.00	345.00
* 406.000	5122.85	5122.85	91.72	0.00	4520.00	0.00	11.72	1721.09	1812.81	5115.00	665.00
* 406.000	5125.87	5125.87	119.99	0.00	9800.00	0.00	13.90	1711.67	1831.66	5115.00	665.00
* 406.000	5129.23	5129.23	883.69	126.17	15468.88	774.94	13.40	1594.65	2479.34	5115.00	665.00
* 406.000	5130.46	5131.62	1631.09	1338.45	24096.60	7294.95	18.17	1391.40	3022.49	5115.00	665.00
* 408.000	5122.21	5122.21	513.24	0.58	3326.06	1193.36	8.85	1357.87	1871.11	5107.00	1130.00
* 408.000	5123.51	5123.51	778.90	125.23	4744.11	4930.66	11.09	1283.36	2062.26	5107.00	1130.00
* 408.000	5124.40	5124.40	928.57	522.49	6007.62	9839.89	12.96	1239.82	2168.39	5107.00	1130.00
* 408.000	5125.86	5125.86	1102.66	2075.49	8190.69	22463.82	15.70	1185.42	2288.08	5107.00	1130.00
* 409.000	5112.55	5113.40	72.31	0.00	4520.00	0.00	15.02	1937.25	2009.56	5103.00	585.00
* 409.000	5116.67	5116.75	125.27	12.54	9787.46	0.00	14.55	1899.76	2025.03	5103.00	585.00
* 409.000	5119.37	5120.19	641.18	2725.19	13579.50	65.31	14.06	1430.04	2071.22	5103.00	585.00
* 409.000	5122.13	5122.13	934.66	13753.61	17689.46	1286.93	13.93	1260.00	2194.67	5103.00	585.00
* 410.000	5107.55	5107.55	80.44	0.00	4520.00	0.00	12.29	1562.42	1642.85	5099.00	560.00
* 410.000	5110.90	5110.98	112.21	0.00	9800.00	0.00	14.25	1556.83	1669.04	5099.00	560.00
* 410.000	5113.14	5114.83	464.19	335.02	16370.00	169.63	16.53	1329.82	1794.01	5099.00	560.00
* 410.000	5115.15	5116.57	838.82	5701.50	32730.00	2855.92	19.96	1068.01	1906.83	5099.00	560.00
* 412.000	5097.50	5097.55	147.96	0.00	4360.00	0.00	10.06	2000.00	2147.96	5093.00	900.00
* 412.000	5099.21	5099.58	168.74	0.00	9220.00	0.00	12.25	2000.00	2169.74	5093.00	900.00
* 412.000	5101.21	5101.22	184.04	0.00	14875.17	14.83	14.20	2000.00	2184.04	5093.00	900.00
* 412.000	5104.13	5104.24	359.11	1136.03	28304.98	338.99	15.31	1846.84	2205.95	5093.00	900.00
* 414.000	5094.55	5094.55	78.91	0.00	4360.00	0.00	12.11	2137.92	2216.83	5088.00	930.00
* 414.000	5099.24	5099.24	631.60	1278.59	7941.41	0.00	10.12	1592.25	2223.86	5088.00	930.00
* 414.000	5100.55	5100.55	821.69	4997.20	9892.11	0.70	10.81	1406.05	2227.74	5088.00	930.00
* 414.000	5102.12	5102.12	995.09	15051.05	14698.68	30.27	13.71	1242.58	2237.67	5088.00	930.00
* 4141.000	5085.06	5085.06	65.28	0.00	4360.00	0.00	12.97	2348.54	2413.82	5078.00	710.00
* 4141.000	5087.75	5088.62	78.70	0.00	9220.00	0.00	17.42	2338.47	2417.18	5078.00	710.00
* 4141.000	5091.43	5091.43	109.69	29.68	14849.41	10.91	17.49	2315.68	2425.37	5078.00	710.00
* 4141.000	5095.35	5096.74	1031.12	6589.51	22165.84	1024.65	18.46	1618.89	2649.39	5078.00	710.00
* 4142.000	5080.14	5080.14	53.22	0.00	4360.00	0.00	13.84	1487.50	1540.72	5072.50	670.00
* 4142.000	5084.35	5084.35	88.56	0.00	9220.00	0.00	15.02	1472.78	1561.74	5072.50	670.00
* 4142.000	5089.37	5089.37	693.59	326.55	13119.64	0.00	11.31	1207.46	1973.83	5072.50	670.00
* 4142.000	5090.85	5091.53	902.63	2507.32	20916.24	6356.43	15.63	1151.46	2054.09	5072.50	670.00

SECNO	CWSEL	CRWS	TOPWID	0	QLOS	OCH	OROB	VCH	SSTA	ENDST	ELMIN	XLGR
* 4144.000	5075.17	5075.17	46.57	0.00	4360.00	0.00	0.00	14.54	1260.60	1307.17	5063.00	1080.00
* 4144.000	5078.50	5081.42	86.88	10.48	9220.00	2.39	0.00	19.16	1228.13	1315.00	5063.00	1080.00
* 4144.000	5081.58	5082.26	871.80	1248.23	9928.04	3713.73	0.00	14.93	1093.52	2045.43	5063.00	1080.00
* 4144.000	5083.41	5083.69	1048.51	3920.98	12191.49	13667.53	0.00	15.73	1055.82	2121.36	5063.00	1080.00
* 4146.000	5066.90	5066.90	52.27	0.00	4360.00	0.00	0.00	13.99	1129.97	1182.24	5057.50	1035.00
* 4146.000	5073.46	5073.46	756.33	137.22	7414.78	1668.41	0.00	10.31	1096.85	1853.17	5057.50	1035.00
* 4146.000	5073.89	5074.64	872.71	256.07	14890.00	3764.86	0.00	14.57	1093.46	1984.70	5057.50	1035.00
* 4146.000	5075.65	5076.14	962.15	717.35	14212.79	14849.85	0.00	16.51	1079.09	2041.25	5057.50	1035.00
* 4148.000	5058.25	5058.25	31.99	0.00	4360.00	0.00	0.00	16.69	2031.75	2063.75	5046.00	1520.00
* 4148.000	5061.32	5062.08	738.26	3363.83	5605.63	250.54	0.00	15.31	1256.85	2336.01	5046.00	1520.00
* 4148.000	5062.34	5062.72	1100.46	7263.08	6045.17	1581.75	0.00	15.05	1242.92	2376.78	5046.00	1520.00
* 4148.000	5063.68	5063.87	1179.91	17135.95	7412.73	5231.32	0.00	16.51	1224.36	2404.26	5046.00	1520.00
* 4152.000	5047.76	5047.76	43.97	0.00	4360.00	0.00	0.00	14.81	2002.24	2046.21	5038.20	1235.00
* 4152.000	5053.15	5053.15	821.59	3346.10	5873.90	0.00	0.00	9.74	1244.16	2065.75	5038.20	1235.00
* 4152.000	5053.86	5053.86	837.05	7294.13	7595.87	0.00	0.00	11.53	1232.27	2069.32	5038.20	1235.00
* 4152.000	5055.21	5055.21	884.73	18615.51	11128.30	36.19	0.00	14.52	1212.56	2097.29	5038.20	1235.00
* 4154.000	5030.73	5030.73	92.91	0.00	4360.00	0.00	0.00	11.58	1224.64	1317.54	5023.80	2100.00
* 4154.000	5033.46	5033.46	103.84	0.00	9220.00	0.00	0.00	14.29	1222.27	1332.71	5023.80	2100.00
* 4154.000	5035.94	5035.94	113.76	0.00	14890.00	0.00	0.00	16.27	1222.03	1337.79	5023.80	2100.00
* 4154.000	5043.50	5043.58	1100.08	57.79	23650.10	6072.11	0.00	12.68	1208.33	2308.41	5023.80	2100.00
* 4156.000	5017.96	5017.96	111.15	0.00	4360.00	0.00	0.00	10.92	1550.18	1661.32	5011.70	1820.00
* 4156.000	5020.38	5020.38	126.34	0.00	9220.00	0.00	0.00	13.41	1534.91	1665.57	5011.70	1820.00
* 4156.000	5022.54	5022.54	133.91	0.00	14890.00	0.00	0.00	15.36	1534.91	1668.82	5011.70	1820.00
* 4156.000	5026.94	5026.94	149.30	0.00	29780.00	0.00	0.00	18.71	1526.11	1675.42	5011.70	1820.00
* 420.000	5014.45	5014.45	54.49	0.00	4360.00	0.00	0.00	13.75	1298.87	1353.36	5005.70	965.00
* 420.000	5018.58	5018.58	77.18	0.00	9220.00	0.00	0.00	15.66	1288.55	1365.74	5005.70	965.00
* 420.000	5023.40	5023.40	527.31	230.59	11803.77	2855.63	0.00	11.89	1242.48	1769.79	5005.70	965.00
* 420.000	5025.69	5025.69	667.73	1236.06	17429.95	11113.99	0.00	14.68	1150.63	1818.36	5005.70	965.00
* 422.000	5004.81	5004.81	117.63	0.00	4360.00	0.00	0.00	10.65	1455.74	1573.37	4999.00	1090.00
* 422.000	5006.27	5007.09	128.04	0.00	9220.00	0.00	0.00	15.75	1453.10	1575.14	4999.00	1090.00
* 422.000	5007.08	5009.29	124.43	0.00	14890.00	0.00	0.00	21.78	1451.66	1576.09	4999.00	1090.00
* 422.000	5011.70	5013.89	146.37	0.00	29780.00	10.03	0.00	23.00	1437.83	1584.19	4999.00	1090.00
* 424.000	5002.08	5002.47	109.03	11.20	4348.80	0.00	0.00	12.33	1097.06	1206.09	4997.00	280.00
* 424.000	5004.63	5004.92	119.08	78.74	9141.25	0.00	0.00	14.58	1092.49	1211.57	4997.00	280.00
* 424.000	5007.03	5007.19	128.63	219.19	14670.81	0.00	0.00	16.29	1088.45	1216.78	4997.00	280.00
* 424.000	5011.57	5011.86	146.04	771.92	29004.35	3.73	0.00	20.05	1079.98	1226.02	4997.00	280.00
* 426.000	4989.42	4990.37	48.12	0.00	4360.00	0.00	0.00	16.75	1145.75	1193.87	4982.30	1710.00
* 426.000	4993.05	4994.49	63.32	23.76	9170.79	25.45	0.00	20.78	1138.54	1201.87	4982.30	1710.00
* 426.000	4997.13	4998.32	81.12	191.50	14493.36	205.14	0.00	22.46	1129.92	1211.04	4982.30	1710.00
* 426.000	5006.02	5006.02	119.94	1295.26	27097.17	1387.56	0.00	24.86	1111.11	1231.05	4982.30	1710.00

SECTIONS
DECREASED
IN WIDTH
TO 400 FT
FOR ANGLE
OF 5 DEG
TO 10 DEG
OF STRAIN

* 4156.000
* 4156.000
* 4156.000
* 4156.000

* 4154.000
* 4154.000
* 4154.000
* 4154.000

* 4152.000
* 4152.000
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* 4148.000
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* 4144.000
* 4144.000
* 4144.000
* 4144.000

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* 4144.000
* 4144.000
* 4144.000

426.000	4989.42	4990.37	48.12	0.00	4360.00	0.00	0.00	16.75	1145.75	1193.87	4982.30	1710.00
426.000	4993.05	4994.49	63.32	23.76	9170.79	25.45	0.00	20.78	1138.54	1201.87	4982.30	1710.00
426.000	4997.13	4998.32	81.12	191.50	14493.36	205.14	0.00	22.46	1129.92	1211.04	4982.30	1710.00
426.000	5006.02	5006.02	119.94	1295.26	27097.17	1387.56	0.00	24.86	1111.11	1231.05	4982.30	1710.00

SECNO	CWSEL	CRWS	TOPWID	Q	QLOS	GCH	QROE	VCH	SSTA	ENDST	ELMIN	XLGH		
F	428.000	4974.49	4977.44	47.47	4360.00	0.00	0.00	4360.00	0.00	26.77	1146.01	1193.48	4970.00	640.00
	428.000	4976.94	4981.43	57.05	9220.00	20.13	3.87	9196.00	3.87	32.32	1139.40	1196.45	4970.00	640.00
	428.000	4979.42	4985.15	66.06	14890.00	158.28	30.40	14701.31	30.40	35.99	1132.25	1198.31	4970.00	640.00
E	429.000	4958.89	4961.42	39.29	4360.00	0.00	0.00	4360.00	0.00	22.33	1100.35	1139.65	4953.70	1320.00
	429.000	4961.68	4965.98	47.54	9220.00	0.00	0.00	9220.00	0.00	29.49	1096.65	1144.19	4953.70	1320.00
	429.000	4968.02	4975.64	76.12	29780.00	0.00	0.00	29780.00	0.00	34.86	1092.29	1160.06	4953.70	1320.00
D	429.200	4950.65	4953.54	39.08	4360.00	0.00	0.00	4360.00	0.00	23.94	1100.46	1139.54	4945.80	640.00
	429.200	4953.72	4958.12	47.28	9220.00	0.00	0.00	9220.00	0.00	29.75	1096.77	1149.04	4945.80	640.00
	429.200	4956.20	4961.66	58.42	14890.00	0.00	0.00	14890.00	0.00	33.78	1091.81	1150.23	4945.80	640.00
C	429.600	4942.70	4945.59	39.05	4340.00	0.00	0.00	4340.00	0.00	24.11	1100.48	1139.52	4937.90	640.00
	429.600	4945.74	4950.17	46.93	9150.00	0.00	0.00	9150.00	0.00	29.87	1096.92	1143.85	4937.90	640.00
	429.600	4948.24	4953.67	58.80	14710.00	0.00	0.00	14710.00	0.00	33.59	1091.91	1150.11	4937.90	640.00
B	430.000	4952.60	4959.71	77.80	29420.00	0.00	0.00	29420.00	0.00	40.07	1083.20	1161.00	4937.90	640.00
	430.000	4937.57	4939.89	37.74	4340.00	0.00	0.00	4340.00	0.00	21.72	1024.84	1062.58	4930.00	640.00
	430.000	4940.71	4944.37	48.19	9150.00	0.70	0.90	9148.40	0.90	27.56	1018.58	1066.77	4930.00	640.00
A	430.000	4943.55	4948.45	60.96	14710.00	47.70	61.13	14601.16	61.13	31.77	1012.91	1073.87	4930.00	640.00
	430.000	4949.71	4956.65	88.73	29420.00	612.54	28022.47	784.99	784.99	38.00	1000.56	1089.30	4930.00	640.00
	431.000	4936.42	4937.78	49.25	4340.00	0.00	0.00	4340.00	0.00	17.54	1285.38	1334.63	4928.90	460.00
Z	431.000	4938.69	4941.61	59.28	9150.00	0.00	0.00	9150.00	0.00	24.65	1278.77	1338.05	4928.90	460.00
	431.000	4940.46	4944.92	67.28	14710.00	0.00	0.36	14709.64	0.36	30.53	1274.09	1341.37	4928.90	460.00
	431.000	4944.41	4951.40	87.04	29420.00	0.00	155.87	29264.13	155.87	38.61	1266.19	1353.22	4928.90	460.00
Y	431.200	4936.57	4936.57	54.97	4340.00	0.00	0.00	4340.00	0.00	13.72	1281.61	1336.58	4927.70	465.00
	431.200	4940.46	4940.46	73.03	9150.00	0.00	5.19	9144.81	5.19	16.33	1271.79	1344.82	4927.70	465.00
	431.200	4944.74	4950.17	94.44	29420.00	0.00	20.23	29145.80	20.23	24.02	1270.29	1357.66	4927.70	465.00
X	431.600	4935.45	4935.45	55.10	4340.00	0.00	0.00	4340.00	0.00	13.70	1281.53	1336.62	4926.60	465.00
	431.600	4939.19	4939.33	72.50	9150.00	0.00	4.41	9145.59	4.41	16.58	1272.00	1344.50	4926.60	465.00
	431.600	4942.33	4942.62	88.16	14710.00	0.00	86.13	14623.87	86.13	18.88	1265.74	1353.90	4926.60	465.00
W	432.000	4934.90	4934.90	45.63	4340.00	0.00	0.00	4340.00	0.00	14.58	1069.69	1115.31	4925.40	460.00
	432.000	4939.49	4939.49	63.05	9150.00	0.00	0.00	9150.00	0.00	16.74	1060.98	11124.02	4925.40	460.00
	432.000	4942.89	4942.89	87.67	14710.00	40.99	22.84	14646.17	22.84	19.09	1045.57	11133.24	4925.40	460.00
V	432.000*	4949.57	4949.57	110.80	29420.00	817.16	511.24	28091.60	511.24	23.37	1035.00	1145.00	4925.40	460.00
	433.000	4931.61	4931.61	45.65	4340.00	0.00	0.00	4340.00	0.00	14.57	1069.67	1115.33	4922.10	1520.00
	433.000	4936.17	4936.17	63.00	9150.00	0.00	0.00	9150.00	0.00	16.76	1061.00	1124.00	4922.10	1520.00
U	433.000	4939.64	4939.64	88.11	14710.00	55.27	30.79	14623.95	30.79	18.97	1045.30	11133.40	4922.10	1520.00
	433.000*	4946.30	4946.30	110.00	29420.00	1046.41	655.15	27718.44	655.15	23.03	1035.00	1145.00	4922.10	1520.00

SECNO	CWSEL	CRIMS	TOPWID	Q	OLOB	GCH	GRDE	VCH	SSTA	ENDST	ELMIN	XLGH
Normal	434.000	4925.06272	4926.65	88.08	4340.00	0.00	0.00	18.07	1023.22	1091.30	4921.00	490.00
DEPTH	434.000	4927.18396	4929.80	78.44	9150.00	0.00	0.00	23.25	1019.71	1097.15	4921.00	490.00
SECTION	434.000	4928.07332	4932.40	85.84	14710.00	0.00	0.00	26.86	1016.56	1102.40	4921.00	490.00
	434.000	4932.95356	4937.98	100.32	29420.00	26.66	37.30	32.79	1010.58	1110.90	4921.00	490.00
* DUE TO DIVIDED PLOW, HEC-2 OUTPUT DOES NOT MATCH MAPPING AT THIS X-SECTION [] SUBCRITICAL VALUES USED [] SPECIAL CASE: SEE NOTE BY X-SECTION X-SECTION NOT PLOTTED												

*DUE TO DIVIDED PLOW, HEC-2 OUTPUT
DOES NOT MATCH MAPPING AT THIS
X-SECTION

SUBMITTED FOR USE

[] SPECIAL CASE: SEE NOTE BY
X-SECTION

X-SECTION NOT FOLDED

1. The first step in the process of identifying a problem is to define the problem. This involves identifying the symptoms of the problem and determining the scope of the problem. Once the problem has been defined, the next step is to identify the causes of the problem. This involves identifying the factors that are contributing to the problem and determining the underlying causes. Once the causes have been identified, the next step is to develop a plan to address the problem. This involves identifying the actions that need to be taken to address the problem and determining the resources that will be needed to implement the plan. Finally, the last step in the process is to implement the plan and monitor the results. This involves putting the plan into action and tracking the progress of the plan to ensure that the problem is being addressed effectively.

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1. *Journal of the American Medical Association*, 1997; 277: 1001-1005.

SUMMARY OF ERRORS

CAUTION	SECNO=	204.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	204.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	204.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	204.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	204.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	204.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	204.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	204.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	204.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	207.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	207.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	207.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	207.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	207.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	207.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	207.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	207.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	207.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	208.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	208.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	208.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	208.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	208.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	208.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	208.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	208.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	208.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	208.000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	208.000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	208.000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
NOTE	SECNO=	209.000	PROFILE=	1	WSEL BASED ON XS CARD
CAUTION	SECNO=	209.000	PROFILE=	1	MINIMUM SPECIFIC ENERGY
NOTE	SECNO=	209.000	PROFILE=	2	WSEL BASED ON XS CARD
CAUTION	SECNO=	209.000	PROFILE=	2	MINIMUM SPECIFIC ENERGY
NOTE	SECNO=	209.000	PROFILE=	3	WSEL BASED ON XS CARD
CAUTION	SECNO=	209.000	PROFILE=	3	MINIMUM SPECIFIC ENERGY
NOTE	SECNO=	209.000	PROFILE=	4	WSEL BASED ON XS CARD
CAUTION	SECNO=	209.000	PROFILE=	4	MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	210.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	210.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	210.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	210.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	210.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	210.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	214.000	PROFILE=	1	CRITICAL DEPTH ASSUMED

[illegible]

CAUTION	SECNO=	226.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	226.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	226.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	226.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	226.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	226.000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	226.000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	227.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	227.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	227.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	227.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	227.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	227.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	227.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	227.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	230.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	230.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	230.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	302.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	302.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	302.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	302.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	302.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	302.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	302.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	302.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	302.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	302.000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	302.000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	302.000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	304.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	304.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	304.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	304.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	304.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	304.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	304.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	304.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	304.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	304.000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	304.000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	304.000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	308.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	308.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	308.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	308.000	PROFILE=	4	CRITICAL DEPTH ASSUMED

1	CAUTION	SECNO=	308.000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
2	CAUTION	SECNO=	308.000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
3	CAUTION	SECNO=	312.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
4	CAUTION	SECNO=	312.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
5	CAUTION	SECNO=	312.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
6	CAUTION	SECNO=	312.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
7	CAUTION	SECNO=	312.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
8	CAUTION	SECNO=	312.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
9	CAUTION	SECNO=	313.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
10	CAUTION	SECNO=	313.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
11	CAUTION	SECNO=	313.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
12	CAUTION	SECNO=	313.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
13	CAUTION	SECNO=	313.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
14	CAUTION	SECNO=	313.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
15	CAUTION	SECNO=	314.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
16	CAUTION	SECNO=	314.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
17	CAUTION	SECNO=	314.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
18	CAUTION	SECNO=	314.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
19	CAUTION	SECNO=	315.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
20	CAUTION	SECNO=	315.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
21	CAUTION	SECNO=	316.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
22	CAUTION	SECNO=	316.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
23	CAUTION	SECNO=	316.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
24	CAUTION	SECNO=	316.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
25	CAUTION	SECNO=	316.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
26	CAUTION	SECNO=	316.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
27	CAUTION	SECNO=	316.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
28	CAUTION	SECNO=	316.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
29	CAUTION	SECNO=	316.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
30	CAUTION	SECNO=	316.000	PROFILE=	4	CRITICAL DEPTH ASSUMED
31	CAUTION	SECNO=	316.000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
32	CAUTION	SECNO=	316.000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
33	CAUTION	SECNO=	400.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
34	CAUTION	SECNO=	400.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
35	CAUTION	SECNO=	400.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
36	CAUTION	SECNO=	400.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
37	CAUTION	SECNO=	400.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
38	CAUTION	SECNO=	400.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
39	CAUTION	SECNO=	402.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
40	CAUTION	SECNO=	402.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
41	CAUTION	SECNO=	402.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
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CAUTION	SECNO=	4148.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4148.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4148.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4152.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4152.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4152.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4152.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4152.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4152.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4152.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4152.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4152.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4152.000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4152.000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4152.000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4154.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4154.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4154.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4154.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4154.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4154.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4154.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4154.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4154.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4154.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4154.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4156.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4156.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4156.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4156.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4156.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4156.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4156.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4156.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4156.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	4156.000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	4156.000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	4156.000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	420.000	PROFILE=	1	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	420.000	PROFILE=	1	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	420.000	PROFILE=	1	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	420.000	PROFILE=	2	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	420.000	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	420.000	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	420.000	PROFILE=	3	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	420.000	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	420.000	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION	SECNO=	420.000	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION	SECNO=	420.000	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION	SECNO=	420.000	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL

FLOOD INSURANCE ZONE DATA FOR TIJERAS ARROYO

FLOOD HAZARD FACTOR FOR ENTIRE REACH USING SECTIONS

SECTION NUMBER	CUMULATIVE DISTANCE	ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND 10	2
62407.000	0.	-2.88	-1.07
198.000	1820.	-4.78	-1.82
200.000	3610.	-2.33	-0.93
202.000	4635.	-2.24	-0.81
204.000	5850.	-3.21	-1.17
206.000	6535.	-1.71	-0.67
207.000	6925.	-2.42	-0.95
208.000	6945.	-2.53	-0.90
209.000	6985.	-2.86	-1.07
209.400	7055.	-2.42	-0.98
209.600	7175.	-1.58	-0.60
210.000	7400.	-2.67	-0.68
212.000	8640.	-1.35	-0.61
214.000	10085.	-1.50	-0.55
216.000	11455.	-0.96	-0.36
218.000	12640.	-1.62	-0.63
220.000	14085.	-1.86	-0.74
222.000	15140.	-1.68	-0.63
224.000	15845.	-2.25	-0.59
225.000	16530.	-1.46	-0.50
226.000	17330.	-2.19	-0.85
227.000	18340.	-3.96	-1.39
230.000	19320.	-2.70	-0.88
230.000	21390.	-2.80	-1.02
232.000	224675.	-1.11	-0.42
234.000	27535.	-1.56	-0.63
236.000	30435.	-2.42	-0.72
238.000	33770.	-2.67	-1.07
239.000	36375.	-4.19	-1.79
240.000	39045.	-6.46	-2.59
241.000	40855.	-6.47	-2.43
242.000	42665.	-5.47	-2.04
243.000	43785.	-7.35	-2.08
244.000	44905.	-7.71	-3.34
245.000	46285.	-6.92	-3.41
246.000	47975.	-5.28	-2.25
247.000	48675.	-6.70	-3.20
248.000	50035.	-5.53	-2.61
249.000	50380.	-5.96	-2.97
250.000	51045.	-6.38	-3.37
251.000	52175.	-2.19	-0.90
252.000	52760.	-6.83	-2.71
253.000	53320.	-5.59	-2.24
254.000	54220.	-3.70	-1.69

414.000	55150.	-5.99	-1.31	1.57
4141.000	55860.	-6.37	-3.68	3.92
4142.000	56530.	-9.22	-5.02	1.49
4144.000	57610.	-6.40	-3.08	1.83
4146.000	58645.	-6.99	-0.43	1.76
4148.000	60165.	-4.09	-1.02	1.35
4152.000	61400.	-6.10	-0.71	1.35
4154.000	63500.	-5.21	-2.48	7.56
4156.000	65320.	-4.58	-2.16	4.40
420.000	66285.	-8.95	-4.82	2.29
422.000	67375.	-2.27	-0.80	4.63
424.000	67655.	-4.95	-2.40	4.54
426.000	69365.	-7.71	-4.08	8.89
428.000	70005.	-4.93	-2.48	5.59
429.000	71325.	-5.55	-2.18	4.16
429.200	71965.	-5.55	-2.48	4.29
429.600	72605.	-5.55	-2.50	4.36
430.000	73245.	-5.97	-2.84	6.17
431.000	73705.	-4.04	-1.77	3.95
431.200	74170.	-4.63	-0.75	3.53
431.600	74635.	-6.88	-3.14	2.79
432.000	75095.	-7.98	-3.40	6.69
433.000	76615.	-8.03	-3.47	6.66
434.000	77105.	-4.01	-1.89	3.88
WEIGHTED AVG FOR REACH				
	-4.21	-1.70	2.77	

FHF FOR THE REACH = .040 WITH 21.2 PERCENT OF THE REACH WITHIN 1.0 FEET
ZONE FOR THE REACH = A 8

CONTINUOUS FLOOD HAZARD FACTORS BY EVEN INCREMENTS

INC NO.	TOTAL LENGTH	AVG ELEVATION	DATA DIFF.	WTD. AVG.	FHF	PERCENT WITHIN
1	226.0	5669.10	5672.09	-2.99	SEC. 030	62407.000
2	452.0	5664.67	5667.90	-3.23	030	100.
3	678.0	5660.24	5663.71	-3.47	030	100.
4	904.0	5655.81	5659.52	-3.71	035	100.
5	1130.0	5651.38	5655.33	-3.95	035	100.
6	1356.0	5646.96	5651.13	-4.17	035	100.
7	1582.0	5642.53	5646.94	-4.41	035	100.
8	1808.0	5638.10	5642.75	-4.65	040	100.
9	2034.0	5634.23	5638.85	-4.62	SEC. 040	198.000
10	2260.0	5630.94	5635.27	-4.33	040	100.
11	2486.0	5627.68	5631.71	-4.03	040	100.
12	2712.0	5624.43	5628.14	-3.71	040	100.

13	2938.	5621.17	5624.58	-3.41	-3.90	040	100.
14	3164.	5617.92	5621.01	-3.09	-3.84	040	100.
15	3390.	5614.66	5617.45	-2.79	-3.77	040	100.
16	3610.	5611.38	5613.86	-2.48	-3.69	SEC. 035	94.
17	3842.	5607.18	5609.50	-2.32	-3.61	035	76.
18	4068.	5602.08	5604.38	-2.30	-3.54	035	72.
19	4294.	5596.99	5599.27	-2.28	-3.47	035	74.
20	4520.	5591.89	5594.15	-2.26	-3.41	035	70.
21	4746.	5587.18	5589.47	-2.29	-3.36	SEC. 035	202.000
22	4972.	5583.26	5585.69	-2.43	-3.31	035	62.
23	5198.	5579.75	5582.35	-2.60	-3.28	035	64.
24	5424.	5576.24	5579.02	-2.78	-3.26	035	78.
25	5650.	5572.72	5575.69	-2.97	-3.25	035	83.
26	5876.	5569.19	5572.29	-3.10	-3.24	SEC. 030	84.
27	6102.	5565.48	5568.39	-2.91	-3.23	030	204.000
28	6328.	5561.61	5564.02	-2.41	-3.20	030	85.
29	6554.	5557.75	5559.70	-1.95	-3.16	SEC. 030	86.
30	6780.	5554.03	5555.98	-1.95	-3.12	030	206.000
31	6925.					SEC. 030	79.
32	7006.	5553.90	5556.34	-2.44	-3.10	SEC. 030	207.000
33	7055.					SEC. 030	208.000
34	7232.	5548.99	5551.28	-2.29	-3.07	SEC. 030	209.000
35	7400.					SEC. 030	209.400
36	7458.	5541.15	5543.38	-2.23	-3.05	SEC. 030	209.600
37	7684.	5538.17	5540.66	-2.49	-3.03	030	78.
38	7910.	5534.75	5537.00	-2.25	-3.01	030	79.
39	8136.	5531.33	5533.34	-2.01	-2.98	030	77.
40	8362.	5527.92	5529.68	-1.76	-2.95	030	78.
41	8588.	5524.50	5526.03	-1.53	-2.91	030	81.
42	8640.					SEC. 030	76.
43	8814.	5521.30	5522.69	-1.39	-2.87	SEC. 030	212.000
44	9040.	5518.38	5519.76	-1.38	-2.83	030	74.
45	9266.	5515.52	5516.93	-1.41	-2.80	030	73.
46	9492.	5512.67	5514.10	-1.43	-2.77	030	71.
47	9718.	5509.81	5511.26	-1.45	-2.74	025	69.
48	9944.	5506.96	5508.43	-1.47	-2.71	025	70.
49	10085.					SEC. 025	68.
50	10170.	5504.09	5505.56	-1.47	-2.68	SEC. 025	214.000
51	10396.	5501.17	5502.59	-1.42	-2.65	025	62.
52	10622.	5498.23	5499.56	-1.33	-2.62	025	61.
53	10848.	5495.29	5496.53	-1.24	-2.60	025	60.
54	11074.	5492.35	5493.50	-1.15	-2.57	025	58.
55	11300.	5489.41	5490.47	-1.06	-2.54	025	57.
56	11455.					SEC. 025	56.
57	11526.	5486.47	5487.48	-1.01	-2.51	SEC. 025	216.000
58	11752.	5483.52	5484.59	-1.07	-2.48	025	57.
59	11978.	5480.58	5481.77	-1.19	-2.45	025	56.

54	12204.	5477.64	5478.96	-1.32	-2.43	025	59.
55	12430.	5474.70	5476.14	-1.44	-2.41	025	64.
56	12640.	5471.77	5473.33	-1.56	-2.40	SEC. 025	63.
57	12882.	5468.99	5470.63	-1.64	-2.39	025	65.
58	13108.	5466.34	5468.02	-1.68	-2.37	025	67.
59	13334.	5463.69	5465.41	-1.72	-2.36	025	68.
60	13560.	5461.05	5462.80	-1.75	-2.35	025	68.
61	13786.	5458.40	5460.19	-1.79	-2.34	025	69.
62	14012.	5455.75	5457.58	-1.83	-2.34	025	69.
63	14085.	5453.04	5454.88	-1.84	-2.33	SEC. 025	71.
64	14238.	5450.24	5452.05	-1.81	-2.32	025	73.
65	14464.	5447.40	5449.18	-1.78	-2.31	025	74.
66	14690.	5444.57	5446.31	-1.74	-2.30	025	74.
67	15140.	5441.74	5443.44	-1.70	-2.29	SEC. 025	75.
68	15368.	5439.60	5441.37	-1.77	-2.29	025	75.
69	15594.	5438.12	5440.08	-1.96	-2.28	025	75.
70	15820.	5436.65	5438.79	-2.14	-2.28	025	76.
71	16046.	5434.59	5436.71	-2.12	-2.28	SEC. 025	76.
72	16272.	5431.86	5433.74	-1.88	-2.27	025	76.
73	16498.	5429.06	5430.68	-1.62	-2.26	025	77.
74	16724.	5425.76	5427.33	-1.57	-2.25	SEC. 025	77.
75	16950.	5421.89	5423.63	-1.74	-2.25	025	77.
76	17176.	5417.94	5419.89	-1.95	-2.24	020	79.
77	17330.	5414.10	5416.28	-2.18	-2.24	SEC. 020	79.
78	17628.	5410.61	5413.12	-2.51	-2.24	020	79.
79	17854.	5407.35	5410.26	-2.91	-2.25	025	78.
80	18080.	5404.10	5407.40	-3.30	-2.27	025	78.
81	18306.	5400.84	5404.54	-3.70	-2.28	025	77.
82	18532.	5397.98	5401.79	-3.81	-2.30	SEC. 025	77.
83	18758.	5395.60	5399.17	-3.57	-2.32	025	76.
84	18984.	5393.29	5396.57	-3.28	-2.33	025	75.
85	19210.	5390.98	5393.96	-2.98	-2.34	025	74.
86	19436.	5388.62	5391.39	-2.77	-2.34	SEC. 025	74.
87	19662.	5386.18	5388.89	-2.71	-2.35	025	75.
88	19888.	5383.69	5386.42	-2.73	-2.35	025	75.
89	20114.	5381.21	5383.94	-2.75	-2.36	025	76.
90	20340.	5378.72	5381.47	-2.75	-2.36	025	76.
91	20566.	5376.24	5378.99	-2.75	-2.37	025	76.
92	20792.	5373.75	5376.52	-2.77	-2.37	025	76.
93	21018.	5371.27	5374.05	-2.78	-2.37	025	76.
94	21244.	5368.78	5371.57	-2.79	-2.38	025	77.
95	21470.	5366.31	5369.09	-2.78	SEC. 300.000	77.	
96	21696.	5363.87	5366.57	-2.70	-2.38	025	77.
97	21922.	5361.46	5364.04	-2.58	-2.39	025	76.
98	22148.	5359.04	5361.51	-2.47	-2.39	025	77.

===== ELEVATION DIFFERENCE
BETWEEN BASE FLOOD AND
10 2
WEIGHTED AVG FOR REACH -2.23 -0.81 1.91

FHF FOR REACH 1 = 020 WITH 83. PERCENT OF THE REACH WITHIN 1.0 FEET
ZONE FOR THE REACH = A 4

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148	33448.	5258.53	5261.16	-2.63	-2.63	025	100.
149	33674.	5256.81	5259.46	-2.65	-2.64	025	100.
	33770.				SEC. 308.000		

150	33900.	5255.00	5257.70	-2.70	-2.66	025	100.
151	34126.	5253.03	5255.85	-2.82	-2.70	025	100.
152	34352.	5251.01	5253.95	-2.94	-2.75	030	100.
153	34578.	5248.98	5252.06	-3.08	-2.80	030	100.
154	34804.	5246.96	5250.16	-3.20	-2.86	030	100.
155	35030.	5244.93	5248.27	-3.34	-2.92	030	100.
156	35256.	5242.90	5246.38	-3.48	-2.98	030	100.
157	35482.	5240.88	5244.48	-3.60	-3.04	030	100.
158	35708.	5238.85	5242.59	-3.74	-3.11	030	100.
159	35934.	5236.82	5240.69	-3.87	-3.17	030	100.
160	36160.	5234.80	5238.80	-4.00	-3.23	030	100.

161	36386.	5232.77	5236.91	-4.14	-3.30	035	100.
162	36612.	5230.83	5235.13	-4.30	-3.37	035	100.
163	36838.	5228.96	5233.45	-4.49	-3.44	035	100.
164	37064.	5227.09	5231.77	-4.68	-3.51	035	94.

===== ELEVATION DIFFERENCE
BETWEEN BASE FLOOD AND
10 2

WEIGHTED AVG FOR REACH -3.51 -1.46 1.90

FHF FOR REACH 2 = 035 WITH 94. PERCENT OF THE REACH WITHIN 1.0 FEET
ZONE FOR THE REACH = A 7

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165	37290.	5225.22	5230.10	-4.88	-4.88	050	100.
166	37516.	5223.35	5228.42	-5.07	-4.97	050	100.
167	37742.	5221.48	5226.74	-5.26	-5.07	050	100.
168	37968.	5219.61	5225.06	-5.45	-5.17	055	100.
169	38194.	5217.74	5223.38	-5.64	-5.26	055	100.
170	38420.	5215.87	5221.71	-5.84	-5.36	055	100.
171	38646.	5214.00	5220.03	-6.03	-5.45	055	100.
172	38872.	5212.13	5218.35	-6.22	-5.55	055	100.
	39098.				SEC. 312.000		
173	39324.	5210.30	5216.69	-6.39	-5.64	055	100.
174	39550.	5208.64	5215.10	-6.46	-5.72	055	100.
175	39776.	5207.10	5213.57	-6.47	-5.79	060	100.
176	40002.	5205.56	5212.03	-6.46	-5.85	060	100.
177		5204.03	5210.49	-6.46	-5.90	060	92.
178	40228.	5202.49	5208.96	-6.47	-5.94	060	93.

179	40454.	5200.95	5207.42	-6.47	-5.97	060	93.
180	40680.	5199.42	5205.89	-6.47	-6.00	060	94.
181	40855.	5197.84	5204.30	-6.46	SEC.	313.000	94.
182	41132.	5196.10	5202.48	-6.38	-6.05	060	94.
183	41358.	5194.23	5200.49	-6.26	-6.06	060	95.
184	41584.	5192.36	5198.49	-6.13	-6.06	060	95.
185	41810.	5188.62	5194.50	-5.88	-6.05	060	95.
186	42036.	5186.75	5192.50	-5.75	-6.04	060	96.
187	42262.	5184.88	5190.51	-5.63	SEC.	314.000	96.
188	42488.	5182.98	5188.49	-5.51	-6.00	060	96.
189	42714.	5180.91	5186.37	-5.46	-5.98	060	96.
190	42940.	5178.73	5184.16	-5.43	-5.96	060	96.
191	43166.	5176.55	5181.95	-5.40	-5.94	060	96.
192	43392.	5174.36	5179.75	-5.39	-5.92	060	97.
193	43618.	5172.28	5177.71	-5.43	SEC.	315.000	97.
194	43844.	5170.58	5176.30	-5.72	-5.91	060	97.
195	44070.	5169.17	5175.36	-6.19	-5.90	060	97.
196	44296.	5167.76	5174.42	-7.14	-5.93	060	97.
197	44522.	5166.34	5173.48	-7.14	-5.97	060	94.
198	44748.	5165.00	5172.52	-7.52	SEC.	316.000	91.
199	44974.	5163.88	5171.49	-7.61	-6.06	060	89.
200	45200.	5162.92	5170.40	-7.48	-6.09	060	84.
201	45426.	5161.01	5169.31	-7.22	-6.13	060	82.
202	45652.	5160.05	5168.14	-7.09	-6.18	060	83.
203	45878.	5159.00	5167.95	-6.95	SEC.	400.000	83.
204	46104.	5157.43	5164.20	-6.77	-6.21	060	83.
205	46330.	5155.47	5162.01	-6.54	-6.22	060	86.
206	46556.	5153.50	5159.83	-6.33	-6.22	060	86.
207	46782.	5149.57	5155.46	-6.11	-6.21	060	87.
208	47008.	5147.60	5153.27	-5.89	-6.20	060	85.
209	47234.	5145.64	5151.08	-5.67	-6.18	060	85.
210	47460.	5143.64	5149.11	-5.47	SEC.	402.000	86.
211	47686.	5141.60	5147.44	-5.84	-6.16	060	86.
212	47912.	5139.55	5145.85	-6.30	-6.17	060	86.
213	48138.	5137.72	5144.27	-6.55	SEC.	403.000	87.
214	48364.	5136.23	5142.71	-6.48	-6.18	060	87.
215	48590.	5134.86	5141.15	-6.29	-6.18	060	87.
216	48816.	5133.50	5139.59	-6.09	-6.18	060	87.
217	49042.	5132.14	5138.04	-5.90	-6.17	060	88.
218	49268.	5130.77	5136.48	-5.71	SEC.	404.000	88.
219	49494.	5129.33	5134.99	-5.66	-6.16	060	88.
220	49720.	5127.76	5133.59	-5.83	SEC.	405.000	88.
221	50035.						
222	50172.						
223	50380.						

224	50624.	5126.23	5132.27	-6.04	-6.15	060	88.
225	50850.	5124.80	5130.99	-6.19	-6.15	060	89.
226	51045.	5123.46	5129.72	-6.26	-6.15	SEC. 060	89.
227	51302.	5122.77	5128.62	-5.85	-6.15	060	89.
228	51528.	5122.64	5127.65	-5.01	-6.13	060	86.
229	51754.	5122.51	5126.69	-4.18	-6.10	060	85.
230	51980.	5122.39	5125.72	-3.33	-6.06	060	83.
231	52206.	5122.01	5124.69	-2.68	-6.01	SEC. 060	84.
232	522432.	5119.83	5123.17	-3.34	-5.97	060	82.
233	522658.	5116.10	5121.22	-5.12	-5.96	060	83.
234	52760.	5112.84	5119.12	-6.28	-5.96	SEC. 060	83.
235	53320.	5110.43	5116.74	-6.31	-5.97	060	83.
236	53336.	5108.40	5114.20	-5.80	-5.96	SEC. 060	83.
237	53562.	5106.11	5111.43	-5.32	-5.95	060	84.
238	53788.	5103.59	5108.43	-4.84	-5.94	060	81.
239	54014.	5101.07	5105.44	-4.37	-5.92	060	80.
240	54220.	5098.62	5102.56	-3.94	-5.89	SEC. 060	79.
241	54466.	5097.08	5101.11	-4.03	-5.87	060	79.
243	54692.	5096.37	5100.79	-4.58	-5.85	060	78.
244	54918.	5095.65	5100.79	-5.14	-5.84	060	80.
245	55150.	5094.93	5100.63	-5.70	-5.84	SEC. 060	80.
246	55370.	5093.09	5099.14	-6.05	-5.84	SEC. 060	80.
247	55596.	5090.10	5096.27	-6.17	-5.85	060	79.
248	55822.	5087.08	5093.37	-6.29	-5.85	060	80.
249	56048.	5084.62	5091.38	-6.76	-5.86	SEC. 060	80.
249	56274.	5082.85	5090.50	-7.65	-5.88	060	79.
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ELEVATION DIFFERENCE							
BETWEEN BASE FLOOD AND							
WEIGHTED AVG FOR REACH -5.88 -2.51 2.84							
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FHE FOR REACH 3 = 060 WITH 79. PERCENT OF THE REACH WITHIN 1.0 FEET							
ZONE FOR THE REACH = A12							
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250	56500.	5081.19	5089.81	-8.62	-8.62	085	100.
251	56530.	5079.80	5088.71	-8.91	-8.77	SEC. 090	100.
252	56952.	5078.72	5087.14	-8.42	-8.65	085	100.
253	57178.	5077.68	5085.51	-7.83	-8.44	085	100.
254	57404.	5076.64	5083.88	-7.24	-8.20	080	100.
255	57610.	5075.57	5082.25	-6.68	-7.95	SEC. 080	100.
256	57856.	5074.11	5080.59	-6.48	-7.74	075	100.
257	58082.	5072.30	5078.91	-6.61	-7.60	075	100.
258	58308.	5070.49	5077.23	-6.74	-7.50	075	100.

259	58534.	5068.69	5075.55	-6.86	-7.44	075	100.
	58645.					SEC. 4146.000	
260	58760.	5067.01	5073.87	-6.86	-7.39	075	100.
261	58986.	5065.60	5072.16	-6.56	-7.32	075	100.
262	59212.	5064.31	5070.44	-6.13	-7.23	070	100.
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ELEVATION DIFFERENCE							
BETWEEN BASE FLOOD AND							
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WEIGHTED AVG FOR REACH -7.23 -2.63 1.74

FHF FOR REACH 4 = 070 WITH 100. PERCENT OF THE REACH WITHIN 2.0 FEET
ZONE FOR THE REACH = A14

263	59438.	5063.03	5068.72	-5.69	-5.69	055	100.
264	59664.	5061.74	5067.00	-5.26	-5.48	055	100.
265	59890.	5060.45	5065.29	-4.84	-5.26	055	100.
266	60116.	5059.17	5063.57	-4.40	-5.05	050	100.
267	60342.	5057.63	5061.91	-4.28	-4.89	SEC. 4148.000	100.
268	60568.	5055.79	5060.35	-4.56	-4.84	050	100.
269	60794.	5053.87	5058.80	-4.93	-4.85	050	100.
270	61020.	5051.95	5057.25	-5.30	-4.91	050	100.
271	61246.	5050.03	5055.70	-5.67	-4.99	050	100.
272	61472.	5048.13	5054.08	-5.95	-5.09	SEC. 4152.000	100.
273	61698.	5046.26	5052.36	-6.02	-5.17	050	100.
274	61924.	5044.43	5050.43	-5.93	-5.24	050	100.
275	62150.	5042.60	5048.43	-5.83	-5.28	055	100.
276	62376.	5040.76	5046.50	-5.74	-5.31	055	93.
277	62602.	5038.93	5044.57	-5.64	-5.34	055	93.
278	62828.	5037.10	5042.64	-5.54	-5.35	055	94.
279	63054.	5035.26	5040.71	-5.45	-5.35	055	94.
280	63280.	5033.43	5038.78	-5.35	-5.35	SEC. 4154.000	94.
281	63506.	5031.60	5036.86	-5.26	-5.35	055	95.
282	63732.	5029.89	5035.07	-5.18	-5.34	055	95.
283	63958.	5028.31	5033.40	-5.09	-5.33	055	95.
284	64184.	5026.72	5031.74	-5.02	-5.31	055	95.
285	64410.	5025.14	5030.07	-4.93	-5.30	055	96.
286	64636.	5023.55	5028.41	-4.86	-5.28	055	100.
287	64862.	5021.97	5026.75	-4.78	-5.26	055	100.
288	65088.	5020.38	5025.08	-4.70	-5.24	050	100.
289	65314.	5018.80	5023.42	-4.62	-5.22	050	100.
290	65540.	5017.59	5022.66	-5.07	SEC. 4156.000	100.	
291	65766.	5016.75	5022.84	-6.09	-5.21	050	100.
292	65992.	5015.93	5023.04	-7.11	-5.24	055	93.
293	66218.	5015.11	5023.24	-8.13	-5.39	055	90.
294	66444.	5013.87	5022.18	-8.31	SEC. 420.000	84.	
295	66670.	5012.05	5019.33	-7.28	-5.49	055	82.
296	66896.	5010.05	5015.94	-5.89	-5.54	055	82.
					-5.55	055	82.

297	67122.	5008.05	5012.56	-4.51	-5.52	055	80.
298	67348.	5006.05	5009.17	-3.12	-5.45	055	81.
299	67574.	5003.96	5007.26	-3.30	-5.40	SEC. 055	422.000
	67655.						81.
300	67800.	5001.94	5006.62	-4.68	-5.38	SEC. 055	424.000
301	68026.	5000.17	5005.54	-5.37	-5.38	055	82.
302	68252.	4998.50	5004.23	-5.73	-5.39	055	83.
303	68478.	4996.83	5002.92	-6.09	-5.40	055	83.
304	68704.	4995.15	5001.61	-6.46	-5.43	055	79.
305	68930.	4993.48	5000.30	-6.82	-5.46	055	79.
306	69156.	4991.81	4998.99	-7.18	-5.50	SEC. 055	426.000
	69365.						77.
307	69382.	4990.00	4997.50	-7.50	-5.54	SEC. 055	73.
308	69608.	4986.39	4993.53	-7.14	-5.58	055	70.
309	69834.	4981.12	4987.28	-6.16	-5.59	055	70.
	70005.					SEC. 055	428.000
310	70060.	4976.16	4981.46	-5.30	-5.58	055	71.
311	70286.	4972.51	4977.44	-4.93	-5.57	055	71.
312	70512.	4969.84	4974.77	-4.93	-5.56	055	74.
313	70738.	4967.16	4972.11	-4.95	-5.55	055	75.
314	70964.	4964.49	4969.45	-4.96	-5.54	055	75.
315	71190.	4961.82	4966.78	-4.96	-5.52	055	75.
	71325.					SEC. 055	429.000
316	71416.	4959.10	4964.11	-5.01	-5.51	055	78.
317	71642.	4956.26	4961.42	-5.16	-5.51	055	78.
318	71868.	4953.35	4958.71	-5.36	-5.51	055	79.
	71965.					SEC. 055	429.200
319	72094.	4950.47	4955.98	-5.51	-5.51	055	79.
320	72320.	4947.64	4953.19	-5.55	-5.51	055	79.
321	72546.	4944.84	4950.38	-5.54	-5.51	055	80.
	72605.					SEC. 055	429.600
322	72772.	4942.40	4948.00	-5.60	-5.51	055	80.
323	72998.	4940.46	4946.19	-5.73	-5.51	055	80.
324	73224.	4938.65	4944.53	-5.88	-5.52	055	79.
	73245.					SEC. 055	430.000
325	73450.	4937.40	4942.94	-5.54	-5.52	055	79.
326	73676.	4936.78	4941.41	-4.63	-5.50	055	81.
	73705.					SEC. 055	431.000
327	73902.	4936.49	4940.71	-4.22	-5.48	055	80.
328	74128.	4936.52	4940.96	-4.44	-5.47	055	79.
	74170.					SEC. 055	431.200
329	74354.	4936.34	4941.39	-5.05	-5.46	055	79.
ELEVATION DIFFERENCE BETWEEN BASE FLOOD AND							
WEIGHTED AVG FOR REACH				-5.46	-2.23	0.2	4.47
FHE FOR REACH 5 = 055 WITH 79. PERCENT OF THE REACH WITHIN 1.0 FEET							
ZONE FOR THE REACH = A11							
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330	74580.	4935.85	4941.92	-6.07	-6.07	060	100.

331	74635.	4935.41	4942.37	-6.96	SEC.	431.600
332	74806.	4935.11	4942.67	-7.56	065	100.
	75032.				070	100.
	75095.					
333	75258.	4934.76	4942.67	-7.91	SEC.	432.000
334	75484.	4934.30	4942.30	-8.00	070	100.
335	75710.	4933.82	4941.81	-7.30	075	100.
336	75936.	4933.33	4941.33	-7.42	075	100.
337	76162.	4932.84	4940.85	-7.50	075	100.
338	76388.	4932.35	4940.37	-7.56	075	100.
339	76614.	4931.86	4939.88	-7.61	075	100.
	76615.			-7.65	075	100.
340	76840.	4930.11	4937.21	-7.10	SEC.	433.000
341	77066.	4927.09	4932.35	-5.26	075	100.
	77105.			-7.41	075	92.

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ELEVATION DIFFERENCE
BETWEEN BASE FLOOD AND
10 2 0.275

WEIGHTED AVG FOR REACH -7.41 -3.17 5.75

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FHF FOR REACH 6 = 075 WITH 92. PERCENT OF THE REACH WITHIN 2.0 FEET
ZONE FOR THE REACH = A15

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