

MUD

CREEK

 HEC2 RELEASE DATED NOV 76 UPDATED FEB1978
 ERROR CORR - 01,02
 MODIFICATION - 50,51,52,53,54

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

MUD CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CASEL	CRUIS
A 0.430	0.	0.0	0.0	2041.0	8600.0	2051.77	0.0
0.430	0.	0.0	0.0	2041.0	17000.0	2052.51	0.0
0.430	0.	0.0	0.0	2041.0	21800.0	2057.80	0.0
0.430	0.	0.0	0.0	2041.0	36800.0	2061.07	0.0
0.530	400.	0.0	0.0	2040.0	8600.0	2054.20	0.0
0.530	400.	0.0	0.0	2040.0	16900.0	2056.95	0.0
0.530	400.	0.0	0.0	2040.0	21700.0	2058.24	0.0
0.530	400.	0.0	0.0	2040.0	36700.0	2061.54	0.0
0.530	40.	0.0	0.0	2040.0	8600.0	2053.50	0.0
0.530	40.	0.0	0.0	2040.0	16900.0	2057.04	0.0
0.530	40.	0.0	0.0	2040.0	21700.0	2058.33	0.0
0.530	40.	0.0	0.0	2040.0	36700.0	2061.84	0.0
B 0.530	40.	2057.8	2056.0	2040.0	8600.0	2053.64	0.0
0.530	40.	2057.8	2056.0	2040.0	16900.0	2059.06	0.0
0.530	40.	2057.8	2056.0	2040.0	21700.0	2060.30	0.0
0.530	40.	2057.8	2056.0	2040.0	36700.0	2063.80	0.0
0.530	10.	0.0	0.0	2040.0	8600.0	2055.33	0.0
0.530	10.	0.0	0.0	2040.0	16900.0	2059.07	0.0
0.530	10.	0.0	0.0	2040.0	21700.0	2060.29	0.0
0.530	10.	0.0	0.0	2040.0	36700.0	2062.91	0.0
L 0.920	2140.	0.0	0.0	2042.5	8550.0	2056.07	0.0
0.920	2140.	0.0	0.0	2042.5	16800.0	2059.69	0.0
0.920	2140.	0.0	0.0	2042.5	21600.0	2060.98	0.0
0.920	2140.	0.0	0.0	2042.5	36500.0	2063.88	0.0
1.300	2000.	0.0	0.0	2046.5	8500.0	2057.89	0.0
1.300	2000.	0.0	0.0	2046.5	16800.0	2060.97	0.0
1.300	2000.	0.0	0.0	2046.5	21400.0	2062.27	0.0
1.300	2000.	0.0	0.0	2046.5	36400.0	2065.35	0.0
1.680	1800.	0.0	0.0	2044.2	3500.0	2058.91	0.0
1.680	1800.	0.0	0.0	2044.2	16500.0	2061.78	0.0
1.680	1800.	0.0	0.0	2044.2	21200.0	2063.06	0.0
1.680	1800.	0.0	0.0	2044.2	36200.0	2066.16	0.0

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRINS	EG	10K+S
1.680	60.	0.0	0.0	2048.7	8500.0	2058.74	0.0	2059.21	20.87
1.680	60.	0.0	0.0	2048.7	16500.0	2061.63	0.0	2062.07	17.91
1.680	60.	0.0	0.0	2048.7	21200.0	2062.96	0.0	2063.32	14.90
1.680	60.	0.0	0.0	2048.7	36200.0	2066.10	0.0	2066.40	11.03
1.680	60.	2061.3	2059.8	2048.7	8500.0	2058.77	0.0	2059.23	20.54
1.680	60.	2061.3	2059.8	2048.7	16500.0	2062.52	0.0	2062.80	11.22
1.680	60.	2061.3	2059.8	2048.7	21200.0	2063.81	0.0	2064.05	9.90
1.680	60.	2061.3	2059.8	2048.7	36200.0	2066.51	0.0	2066.77	9.49
1.680	20.	0.0	0.0	2044.2	8500.0	2059.19	0.0	2059.28	4.82
1.680	20.	0.0	0.0	2044.2	16500.0	2062.72	0.0	2062.83	4.30
1.680	20.	0.0	0.0	2044.2	21200.0	2063.95	0.0	2064.08	5.07
1.680	20.	0.0	0.0	2044.2	36200.0	2066.61	0.0	2066.80	6.94
1.980	1520.	0.0	0.0	2047.0	8500.0	2059.62	0.0	2059.63	1.21
1.980	1520.	0.0	0.0	2047.0	16400.0	2063.08	0.0	2063.09	0.82
1.980	1520.	0.0	0.0	2047.0	21100.0	2064.35	0.0	2064.36	0.85
1.980	1520.	0.0	0.0	2047.0	36000.0	2067.13	0.0	2067.16	1.04
2.150	980.	0.0	0.0	2046.5	8400.0	2059.81	0.0	2059.85	4.10
2.150	980.	0.0	0.0	2046.5	16300.0	2063.12	0.0	2063.21	1.76
2.150	980.	0.0	0.0	2046.5	21000.0	2064.45	0.0	2064.48	1.65
2.150	980.	0.0	0.0	2046.5	36000.0	2067.26	0.0	2067.30	1.78
2.450	1400.	0.0	0.0	2048.1	8200.0	2060.78	0.0	2061.10	18.78
2.450	1400.	0.0	0.0	2048.1	16000.0	2063.59	0.0	2063.70	6.45
2.450	1400.	0.0	0.0	2048.1	20600.0	2064.82	0.0	2064.91	5.26
2.450	1400.	0.0	0.0	2048.1	34800.0	2067.61	0.0	2067.70	4.05
2.450	60.	0.0	0.0	2048.1	8200.0	2060.20	0.0	2062.07	70.42
2.450	60.	0.0	0.0	2048.1	16000.0	2063.63	0.0	2063.73	6.32
2.450	60.	0.0	0.0	2048.1	20600.0	2064.85	0.0	2064.94	5.19
2.450	60.	0.0	0.0	2048.1	34800.0	2067.63	0.0	2067.72	4.03
2.450	20.	2064.4	2060.8	2049.8	8200.0	2061.05	0.0	2062.07	29.55
2.450	20.	2064.4	2060.8	2049.8	16000.0	2065.89	0.0	2065.93	1.70
2.450	20.	2064.4	2060.8	2049.8	20600.0	2064.71	0.0	2066.46	2.22
2.450	20.	2064.4	2060.8	2049.8	34800.0	2068.08	0.0	2068.16	3.16
2.450	15.	0.0	0.0	2048.1	8200.0	2062.10	0.0	2062.18	5.10
2.450	15.	0.0	0.0	2048.1	16000.0	2065.89	0.0	2065.93	1.85
2.450	15.	0.0	0.0	2048.1	20600.0	2066.42	0.0	2066.47	2.39
2.450	15.	0.0	0.0	2048.1	34800.0	2068.09	0.0	2068.17	3.34
2.660	1200.	0.0	0.0	2048.6	8100.0	2062.57	0.0	2062.61	3.17
2.660	1200.	0.0	0.0	2048.6	15900.0	2066.09	0.0	2066.12	1.73
2.660	1200.	0.0	0.0	2048.6	20400.0	2066.67	0.0	2066.71	2.23
2.660	1200.	0.0	0.0	2048.6	34700.0	2068.46	0.0	2068.52	3.37
2.980	1900.	0.0	0.0	2050.7	8000.0	2063.31	0.0	2064.32	44.81
2.980	1900.	0.0	0.0	2050.7	15800.0	2066.46	0.0	2066.92	22.88
2.980	1900.	0.0	0.0	2050.7	20200.0	2067.16	0.0	2067.70	25.22
2.980	1900.	0.0	0.0	2050.7	34500.0	2069.19	0.0	2069.79	27.79

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	TKRS
3.590	3000.	0.0	0.0	2052.0	7900.0	2066.79	0.0	2066.83	3.13
3.590	3000.	0.0	0.0	2052.0	15500.0	2069.18	0.0	2069.24	3.45
3.590	3000.	0.0	0.0	2052.0	20000.0	2070.15	0.0	2070.22	3.82
3.590	3000.	0.0	0.0	2052.0	34200.0	2072.66	0.0	2072.76	4.61
3.590	60.	0.0	0.0	2050.9	7900.0	2066.80	0.0	2066.86	3.11
3.590	60.	0.0	0.0	2050.9	15500.0	2069.18	0.0	2069.28	3.43
3.590	60.	0.0	0.0	2050.9	20000.0	2070.14	0.0	2070.28	3.81
3.590	60.	0.0	0.0	2050.9	34200.0	2072.63	0.0	2072.86	4.61
3.590	1.	2066.2	2065.7	2050.9	7900.0	2066.72	0.0	2066.93	26.02
3.590	1.	2066.2	2065.7	2050.9	15500.0	2069.12	0.0	2069.34	27.01
3.590	1.	2066.2	2065.7	2050.9	20000.0	2070.08	0.0	2070.34	28.15
3.590	1.	2066.2	2065.7	2050.9	34200.0	2072.57	0.0	2072.92	29.19
3.590	40.	2066.2	2065.7	2050.9	7900.0	2066.84	0.0	2067.03	24.35
3.590	40.	2066.2	2065.7	2050.9	15500.0	2069.23	0.0	2069.45	25.46
3.590	40.	2066.2	2065.7	2050.9	20000.0	2070.20	0.0	2070.45	26.62
3.590	40.	2066.2	2065.7	2050.9	34200.0	2072.69	0.0	2073.04	27.79
3.590	1.	0.0	0.0	2050.9	7900.0	2067.00	0.0	2067.05	3.02
3.590	1.	0.0	0.0	2050.9	15500.0	2069.36	0.0	2069.46	4.47
3.590	1.	0.0	0.0	2050.9	20000.0	2070.34	0.0	2070.46	5.34
3.590	1.	0.0	0.0	2050.9	34200.0	2072.83	0.0	2073.05	7.48
3.590	15.	0.0	0.0	2050.9	7900.0	2067.00	0.0	2067.05	3.00
3.590	15.	0.0	0.0	2050.9	15500.0	2069.37	0.0	2069.47	4.45
3.590	15.	0.0	0.0	2050.9	20000.0	2070.34	0.0	2070.47	5.31
3.590	15.	0.0	0.0	2050.9	34200.0	2072.84	0.0	2073.06	7.45
3.730	1000.	0.0	0.0	2054.0	7800.0	2067.33	0.0	2067.44	7.17
3.730	1000.	0.0	0.0	2054.0	15400.0	2069.83	0.0	2070.01	9.71
3.730	1000.	0.0	0.0	2054.0	19500.0	2070.89	0.0	2071.10	11.18
3.730	1000.	0.0	0.0	2054.0	34000.0	2073.58	0.0	2073.90	14.44
4.100	2200.	0.0	0.0	2054.6	7750.0	2068.46	0.0	2068.53	4.72
4.100	2200.	0.0	0.0	2054.6	15300.0	2071.34	0.0	2071.44	6.31
4.100	2200.	0.0	0.0	2054.6	19700.0	2072.60	0.0	2072.73	7.13
4.100	2200.	0.0	0.0	2054.6	33900.0	2075.78	0.0	2076.00	9.30
4.420	1750.	0.0	0.0	2055.6	7700.0	2069.44	0.0	2069.52	7.11
4.420	1750.	0.0	0.0	2055.6	15200.0	2072.42	0.0	2072.50	6.00
4.420	1750.	0.0	0.0	2055.6	19700.0	2073.76	0.0	2073.85	5.94
4.420	1750.	0.0	0.0	2055.6	33700.0	2077.15	0.0	2077.27	5.95
4.780	2000.	0.0	0.0	2057.8	7700.0	2071.01	0.0	2071.22	11.87
4.780	2000.	0.0	0.0	2057.8	15200.0	2073.79	0.0	2074.01	11.55
4.780	2000.	0.0	0.0	2057.8	19600.0	2075.11	0.0	2075.34	11.49
4.780	2000.	0.0	0.0	2057.8	33600.0	2078.49	0.0	2078.77	11.73
4.970	1000.	0.0	0.0	2057.6	7700.0	2072.13	0.0	2072.20	5.62
4.970	1000.	0.0	0.0	2057.6	15200.0	2074.94	0.0	2075.03	5.65
4.970	1000.	0.0	0.0	2057.6	19600.0	2076.27	0.0	2076.38	5.96
4.970	1000.	0.0	0.0	2057.6	33600.0	2079.72	0.0	2079.87	6.30

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	TK+S
5.030	320.	0.0	0.0	2057.3	7700.0	2072.28	0.0	2072.34	2.02
5.030	320.	0.0	0.0	2057.3	15200.0	2075.12	0.0	2075.20	2.51
5.030	320.	0.0	0.0	2057.3	19500.0	2076.46	0.0	2076.55	2.65
5.030	320.	0.0	0.0	2057.3	33600.0	2079.93	0.0	2080.06	3.07
5.400	1910.	0.0	0.0	2060.4	7700.0	2072.91	0.0	2073.21	10.66
5.400	1910.	0.0	0.0	2060.4	15100.0	2075.85	0.0	2076.22	11.09
5.400	1910.	0.0	0.0	2060.4	19500.0	2077.22	0.0	2077.64	11.46
5.400	1910.	0.0	0.0	2060.4	33500.0	2080.76	0.0	2081.33	12.39
5.400	40.	0.0	0.0	2060.4	7700.0	2072.96	0.0	2073.25	10.38
5.400	40.	0.0	0.0	2060.4	15100.0	2075.90	0.0	2076.26	10.89
5.400	40.	0.0	0.0	2060.4	19500.0	2077.27	0.0	2077.68	11.22
5.400	40.	0.0	0.0	2060.4	33500.0	2080.81	0.0	2081.38	12.22
5.400	5.	2068.7	2080.1	2060.4	7700.0	2072.71	0.0	2073.52	38.50
5.400	5.	2068.7	2080.1	2060.4	15100.0	2075.66	0.0	2076.52	39.77
5.400	5.	2068.7	2080.1	2060.4	19500.0	2077.05	0.0	2077.92	39.56
5.400	5.	2068.7	2080.1	2060.4	33500.0	2080.78	0.0	2081.43	50.67
5.400	30.	2068.7	2080.1	2060.4	7700.0	2072.90	0.0	2073.64	35.04
5.400	30.	2068.7	2080.1	2060.4	15100.0	2075.83	0.0	2076.64	37.16
5.400	30.	2068.7	2080.1	2060.4	19500.0	2077.21	0.0	2078.04	37.32
5.400	30.	2068.7	2080.1	2060.4	33500.0	2080.95	0.0	2081.59	48.80
5.400	5.	0.0	0.0	2060.4	7700.0	2073.27	0.0	2073.70	7.99
5.400	5.	0.0	0.0	2060.4	15100.0	2076.38	0.0	2076.70	9.12
5.400	5.	0.0	0.0	2060.4	19500.0	2077.73	0.0	2078.10	9.71
5.400	5.	0.0	0.0	2060.4	33500.0	2081.07	0.0	2081.61	11.48
5.400	10.	0.0	0.0	2060.4	7700.0	2073.48	0.0	2073.70	7.96
5.400	10.	0.0	0.0	2060.4	15100.0	2076.39	0.0	2076.71	9.08
5.400	10.	0.0	0.0	2060.4	19500.0	2077.74	0.0	2078.11	9.67
5.400	10.	0.0	0.0	2060.4	33500.0	2081.08	0.0	2081.62	11.42
5.760	1850.	0.0	0.0	2060.9	5100.0	2074.78	0.0	2075.02	6.02
5.760	1850.	0.0	0.0	2060.9	10100.0	2077.95	0.0	2078.34	8.02
5.760	1850.	0.0	0.0	2060.9	13100.0	2079.42	0.0	2079.87	8.80
5.760	1850.	0.0	0.0	2060.9	22700.0	2083.07	0.0	2083.73	10.62
5.970	1150.	0.0	0.0	2062.1	5100.0	2075.47	0.0	2075.62	5.01
5.970	1150.	0.0	0.0	2062.1	10000.0	2078.87	0.0	2079.06	5.54
5.970	1150.	0.0	0.0	2062.1	13000.0	2080.44	0.0	2080.66	5.90
5.970	1150.	0.0	0.0	2062.1	22500.0	2084.35	0.0	2084.65	6.74
6.190	1150.	0.0	0.0	2062.0	5000.0	2075.96	0.0	2076.00	2.25
6.190	1150.	0.0	0.0	2062.0	10000.0	2079.56	0.0	2079.40	1.73
6.190	1150.	0.0	0.0	2062.0	12500.0	2080.95	0.0	2080.99	1.60
6.190	1150.	0.0	0.0	2062.0	22300.0	2084.94	0.0	2084.99	1.49
6.230	160.	0.0	0.0	2062.0	5000.0	2076.00	0.0	2076.05	2.19
6.230	160.	0.0	0.0	2062.0	10000.0	2079.40	0.0	2079.44	1.70
6.230	160.	0.0	0.0	2062.0	12500.0	2080.98	0.0	2081.02	1.58
6.230	160.	0.0	0.0	2062.0	22300.0	2084.97	0.0	2085.02	1.48

SECNO	KLCH	ELTRD	ELLC	ELMIN	Q	CASEL	LNKWS	EG	10K:5
6.230	40.	0.0	0.0	2061.9	5000.0	2075.96	0.0	2076.11	4.86
6.230	40.	0.0	0.0	2061.9	10000.0	2079.34	0.0	2079.51	4.65
6.230	40.	0.0	0.0	2061.9	12500.0	2080.92	0.0	2081.11	4.57
6.230	40.	0.0	0.0	2061.9	22500.0	2084.89	0.0	2085.12	4.71
6.230	30.	2080.0	2077.5	2061.9	300.0	2075.98	0.0	2076.11	3.40
6.230	30.	2080.0	2077.5	2061.9	10000.0	2080.67	0.0	2080.72	1.92
6.230	30.	2080.0	2077.5	2061.9	12500.0	2082.04	0.0	2082.12	2.07
6.230	30.	2080.0	2077.5	2061.9	22500.0	2085.43	0.0	2085.57	2.58
6.230	10.	0.0	0.0	2061.9	5000.0	2076.02	0.0	2076.12	3.32
6.230	10.	0.0	0.0	2061.9	10000.0	2080.65	0.0	2080.72	1.92
6.230	10.	0.0	0.0	2061.9	12500.0	2082.94	0.0	2082.13	2.07
6.230	10.	0.0	0.0	2061.9	22500.0	2085.43	0.0	2085.57	2.57
6.330	440.	0.0	0.0	2062.3	5000.0	2076.04	0.0	2076.59	13.22
6.330	440.	0.0	0.0	2062.3	9000.0	2080.66	0.0	2080.98	6.65
6.330	440.	0.0	0.0	2062.3	12800.0	2082.06	0.0	2082.39	6.71
6.330	440.	0.0	0.0	2062.3	22100.0	2085.46	0.0	2085.87	7.15
6.390	1360.	0.0	0.0	2065.0	5000.0	2077.10	0.0	2077.14	1.55
6.390	1360.	0.0	0.0	2065.0	9900.0	2081.33	0.0	2081.36	1.36
6.390	1360.	0.0	0.0	2065.0	12600.0	2082.76	0.0	2082.80	1.38
6.390	1360.	0.0	0.0	2065.0	21800.0	2086.30	0.0	2086.35	1.74
6.780	960.	0.0	0.0	2066.3	5000.0	2077.42	0.0	2077.67	27.39
6.780	960.	0.0	0.0	2066.3	9700.0	2081.58	0.0	2081.70	10.57
6.780	960.	0.0	0.0	2066.3	12500.0	2083.03	0.0	2083.15	10.00
6.780	960.	0.0	0.0	2066.3	21700.0	2086.82	0.0	2086.77	9.98
6.780	40.	0.0	0.0	2066.3	5000.0	2077.49	0.0	2077.92	50.13
6.780	40.	0.0	0.0	2066.3	9700.0	2081.44	0.0	2081.97	32.69
6.780	40.	0.0	0.0	2066.3	12500.0	2082.84	0.0	2083.48	37.69
6.780	40.	0.0	0.0	2066.3	21700.0	2086.34	0.0	2087.19	39.13
6.780	30.	2085.0	2082.2	2066.3	5000.0	2077.46	0.0	2078.03	48.41
6.780	30.	2085.0	2082.2	2066.3	9700.0	2081.48	0.0	2082.01	32.35
6.780	30.	2085.0	2082.2	2066.3	12500.0	2083.04	0.0	2083.65	31.69
6.780	30.	2085.0	2082.2	2066.3	21700.0	2087.13	0.0	2087.90	33.22
6.860	10.	0.0	0.0	2066.2	5000.0	2077.79	0.0	2078.09	18.17
6.860	10.	0.0	0.0	2066.2	9700.0	2081.73	0.0	2082.05	14.41
6.860	10.	0.0	0.0	2066.2	12500.0	2083.35	0.0	2083.92	14.54
6.860	10.	0.0	0.0	2066.2	21700.0	2087.52	0.0	2087.95	14.53
6.860	350.	0.0	0.0	2066.2	4900.0	2078.41	0.0	2078.43	12.42
6.860	350.	0.0	0.0	2066.2	9600.0	2082.44	0.0	2082.51	11.93
6.860	350.	0.0	0.0	2066.2	12500.0	2083.86	0.0	2084.16	12.35
6.860	350.	0.0	0.0	2066.2	21700.0	2088.04	0.0	2088.44	12.92
6.860	10.	0.0	0.0	2066.2	4800.0	2078.26	0.0	2078.82	15.73
6.860	10.	0.0	0.0	2066.2	9900.0	2082.10	0.0	2082.69	30.64
6.860	10.	0.0	0.0	2066.2	12500.0	2083.73	0.0	2084.33	29.55
6.860	10.	0.0	0.0	2066.2	21700.0	2087.93	0.0	2088.53	26.87

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SEONO	XLCH	ELTRD	ELLC	ELMIN	Q	CASEL	CHLWS	EG	10K*5
6.860	30.	0.0	0.0	2066.2	4900.0	2078.39	0.0	2078.92	33.80
6.860	30.	0.0	0.0	2066.2	9600.0	2082.21	0.0	2082.78	29.39
6.860	30.	0.0	0.0	2066.2	12500.0	2083.83	0.0	2084.42	28.53
6.860	30.	0.0	0.0	2066.2	21700.0	2088.03	0.0	2088.66	26.27
6.860	10.	0.0	0.0	2066.2	4800.0	2078.79	0.0	2078.98	14.87
6.860	10.	0.0	0.0	2066.2	9600.0	2082.60	0.0	2082.84	14.81
6.860	10.	0.0	0.0	2066.2	12500.0	2084.20	0.0	2084.47	15.39
6.860	10.	0.0	0.0	2066.2	21700.0	2088.34	0.0	2088.70	16.86
7.050	960.	0.0	0.0	2067.4	4800.0	2079.45	0.0	2079.46	2.36
7.050	960.	0.0	0.0	2067.4	9500.0	2083.30	0.0	2083.31	2.30
7.050	960.	0.0	0.0	2067.4	12400.0	2084.98	0.0	2084.98	2.46
7.050	960.	0.0	0.0	2067.4	21600.0	2089.23	0.0	2089.28	2.81
7.330	1500.	0.0	0.0	2068.0	4700.0	2079.97	0.0	2079.99	5.50
7.330	1500.	0.0	0.0	2068.0	9500.0	2083.74	0.0	2083.76	5.50
7.330	1500.	0.0	0.0	2068.0	12400.0	2085.43	0.0	2085.43	3.58
7.330	1500.	0.0	0.0	2068.0	21500.0	2089.72	0.0	2089.75	3.51
7.370	200.	0.0	0.0	2067.2	4700.0	2080.17	0.0	2080.28	17.19
7.370	200.	0.0	0.0	2067.2	9500.0	2083.88	0.0	2083.94	9.14
7.370	200.	0.0	0.0	2067.2	12400.0	2085.57	0.0	2085.58	8.08
7.370	200.	0.0	0.0	2067.2	21500.0	2089.83	0.0	2089.88	5.83
7.380	50.	0.0	0.0	2069.6	4700.0	2080.33	0.0	2080.34	2.19
7.380	50.	0.0	0.0	2069.6	9500.0	2083.96	0.0	2083.97	2.35
7.380	50.	0.0	0.0	2069.6	12400.0	2085.61	0.0	2085.62	2.35
7.380	50.	0.0	0.0	2069.6	21500.0	2089.89	0.0	2089.91	2.37
7.530	800.	0.0	0.0	2066.9	4700.0	2080.60	0.0	2080.62	4.95
7.530	800.	0.0	0.0	2066.9	9500.0	2084.18	0.0	2084.20	4.95
7.530	800.	0.0	0.0	2066.9	12500.0	2085.82	0.0	2085.84	3.36
7.530	800.	0.0	0.0	2066.9	21500.0	2090.09	0.0	2090.12	3.24
7.530	20.	0.0	0.0	2066.9	4700.0	2080.61	0.0	2080.64	8.34
7.530	20.	0.0	0.0	2066.9	9500.0	2084.18	0.0	2084.22	8.14
7.530	20.	0.0	0.0	2066.9	12500.0	2085.82	0.0	2085.85	7.39
7.530	20.	0.0	0.0	2066.9	21500.0	2090.10	0.0	2090.13	7.29
7.670	720.	0.0	0.0	2066.5	4600.0	2081.15	0.0	2081.18	6.70
7.670	720.	0.0	0.0	2066.5	9500.0	2084.60	0.0	2084.63	5.50
7.670	720.	0.0	0.0	2066.5	12500.0	2086.19	0.0	2086.21	5.59
7.670	720.	0.0	0.0	2066.5	21400.0	2090.38	0.0	2090.41	5.39
7.740	360.	0.0	0.0	2070.4	4600.0	2081.45	0.0	2081.48	7.91
7.740	360.	0.0	0.0	2070.4	9500.0	2084.85	0.0	2084.87	7.29
7.740	360.	0.0	0.0	2070.4	12500.0	2086.41	0.0	2086.44	7.03
7.740	360.	0.0	0.0	2070.4	21400.0	2090.56	0.0	2090.59	6.68
7.740	40.	0.0	0.0	2070.4	4600.0	2081.47	0.0	2081.50	3.86
7.740	40.	0.0	0.0	2070.4	9500.0	2084.86	0.0	2084.89	3.13
7.740	40.	0.0	0.0	2070.4	12300.0	2086.43	0.0	2086.45	3.04
7.740	40.	0.0	0.0	2070.4	21400.0	2090.57	0.0	2090.60	2.67

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	LNWS	EG	TOKS
7.770	5.	2080.5	2080.0	2068.4	4600.0	2081.42	0.0	2081.56	52.38
7.770	5.	2080.5	2080.0	2068.4	9500.0	2084.85	0.0	2084.91	34.41
7.770	5.	2080.5	2080.0	2068.4	12300.0	2086.41	0.0	2086.47	22.84
7.770	5.	2080.5	2080.0	2068.4	21350.0	2090.56	0.0	2090.62	12.72
7.770	40.	2080.5	2080.0	2068.4	4600.0	2081.65	0.0	2081.76	48.16
7.770	40.	2080.5	2080.0	2068.4	9500.0	2084.98	0.0	2085.04	31.65
7.770	40.	2080.5	2080.0	2068.4	12300.0	2086.50	0.0	2086.56	21.87
7.770	40.	2080.5	2080.0	2068.4	21350.0	2090.61	0.0	2090.67	12.54
7.770	5.	0.0	0.0	2068.4	4600.0	2081.74	0.0	2081.77	4.63
7.770	5.	0.0	0.0	2068.4	9500.0	2085.01	0.0	2085.05	4.73
7.770	5.	0.0	0.0	2068.4	12300.0	2086.52	0.0	2086.56	4.60
7.770	5.	0.0	0.0	2068.4	21350.0	2090.62	0.0	2090.67	4.25
7.770	20.	0.0	0.0	2068.4	4600.0	2081.75	0.0	2081.78	4.61
7.770	20.	0.0	0.0	2068.4	9500.0	2085.02	0.0	2085.06	4.70
7.770	20.	0.0	0.0	2068.4	12300.0	2086.53	0.0	2086.57	4.56
7.770	20.	0.0	0.0	2068.4	21350.0	2090.63	0.0	2090.68	4.23
7.860	600.	0.0	0.0	2067.0	4700.0	2081.87	0.0	2081.91	5.12
7.860	600.	0.0	0.0	2067.0	9400.0	2085.15	0.0	2085.18	4.51
7.860	600.	0.0	0.0	2067.0	12250.0	2086.65	0.0	2086.68	4.17
7.860	600.	0.0	0.0	2067.0	21350.0	2090.74	0.0	2090.77	3.03
7.900	40.	0.0	0.0	2069.8	4100.0	2081.83	0.0	2082.01	10.95
7.900	40.	0.0	0.0	2069.8	8200.0	2085.06	0.0	2085.32	12.68
7.900	40.	0.0	0.0	2069.8	10700.0	2086.56	0.0	2086.83	12.80
7.900	40.	0.0	0.0	2069.8	18700.0	2090.62	0.0	2090.95	11.80
7.900	5.	2090.5	2089.5	2069.8	4100.0	2081.83	0.0	2082.02	12.60
7.900	5.	2090.5	2089.5	2069.8	8200.0	2085.07	0.0	2085.33	16.48
7.900	5.	2090.5	2089.5	2069.8	10700.0	2086.58	0.0	2086.84	17.34
7.900	5.	2090.5	2089.5	2069.8	18700.0	2090.50	0.0	2091.08	74.56
7.900	60.	2090.5	2089.5	2069.8	4100.0	2081.91	0.0	2082.09	12.25
7.900	60.	2090.5	2089.5	2069.8	8200.0	2085.18	0.0	2085.43	15.86
7.900	60.	2090.5	2089.5	2069.8	10700.0	2086.69	0.0	2086.94	16.70
7.900	60.	2090.5	2089.5	2069.8	18700.0	2090.96	0.0	2091.53	74.04
7.900	5.	0.0	0.0	2069.8	4100.0	2082.10	0.0	2082.11	1.58
7.900	5.	0.0	0.0	2069.8	8200.0	2085.44	0.0	2085.45	1.74
7.900	5.	0.0	0.0	2069.8	10700.0	2086.95	0.0	2086.97	1.86
7.900	5.	0.0	0.0	2069.8	18700.0	2091.56	0.0	2091.58	1.85
7.900	20.	0.0	0.0	2069.8	4100.0	2082.10	0.0	2082.11	1.58
7.900	20.	0.0	0.0	2069.8	8200.0	2085.44	0.0	2085.45	1.73
7.900	20.	0.0	0.0	2069.8	10700.0	2086.95	0.0	2086.97	1.86
7.900	20.	0.0	0.0	2069.8	18700.0	2091.56	0.0	2091.59	1.85
7.930	80.	0.0	0.0	2069.7	2900.0	2082.18	0.0	2082.18	0.49
7.930	80.	0.0	0.0	2069.7	5800.0	2085.52	0.0	2085.53	0.54
7.930	80.	0.0	0.0	2069.7	7770.0	2087.04	0.0	2087.05	0.58
7.930	80.	0.0	0.0	2069.7	13700.0	2091.65	0.0	2091.66	0.55

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CASEL	LRMS	EG	10K*5
8.030	500.	0.0	0.0	2071.4	3000.0	2082.23	0.0	2082.24	0.93
8.030	500.	0.0	0.0	2071.4	5900.0	2085.57	0.0	2085.58	0.80
8.030	500.	0.0	0.0	2071.4	7770.0	2087.09	0.0	2087.10	0.82
8.030	500.	0.0	0.0	2071.4	13700.0	2091.70	0.0	2091.71	0.75
8.190	700.	0.0	0.0	2071.7	3000.0	2082.30	0.0	2082.31	1.41
8.190	700.	0.0	0.0	2071.7	5800.0	2085.63	0.0	2085.64	1.03
8.190	700.	0.0	0.0	2071.7	7600.0	2087.15	0.0	2087.16	1.00
8.190	700.	0.0	0.0	2071.7	13500.0	2091.75	0.0	2091.76	0.84
8.190	40.	0.0	0.0	2071.9	3000.0	2082.30	0.0	2082.31	1.22
8.190	40.	0.0	0.0	2071.9	5800.0	2085.63	0.0	2085.64	0.95
8.190	40.	0.0	0.0	2071.9	7600.0	2087.15	0.0	2087.17	0.94
8.190	40.	0.0	0.0	2071.9	13500.0	2091.75	0.0	2091.77	0.82
8.190	5.	2076.5	2085.5	2071.9	3000.0	2082.29	0.0	2082.33	4.03
8.190	5.	2076.5	2085.5	2071.9	5800.0	2085.63	0.0	2085.65	2.68
8.190	5.	2076.5	2085.5	2071.9	7600.0	2087.15	0.0	2087.17	2.48
8.190	5.	2076.5	2085.5	2071.9	13500.0	2091.75	0.0	2091.77	1.63
8.190	30.	2076.5	2085.5	2071.9	3000.0	2082.31	0.0	2082.34	4.02
8.190	30.	2076.5	2085.5	2071.9	5800.0	2085.64	0.0	2085.65	2.68
8.190	30.	2076.5	2085.5	2071.9	7600.0	2087.16	0.0	2087.18	2.48
8.190	30.	2076.5	2085.5	2071.9	13500.0	2091.75	0.0	2091.77	1.62
8.190	5.	0.0	0.0	2071.9	3000.0	2082.33	0.0	2082.34	1.20
8.190	5.	0.0	0.0	2071.9	5800.0	2085.64	0.0	2085.66	0.95
8.190	5.	0.0	0.0	2071.9	7600.0	2087.17	0.0	2087.18	0.94
8.190	5.	0.0	0.0	2071.9	13500.0	2091.76	0.0	2091.78	0.82
8.190	10.	0.0	0.0	2071.7	3000.0	2082.33	0.0	2082.34	1.38
8.190	10.	0.0	0.0	2071.7	5800.0	2085.65	0.0	2085.66	1.02
8.190	10.	0.0	0.0	2071.7	7600.0	2087.17	0.0	2087.18	0.99
8.190	10.	0.0	0.0	2071.7	13500.0	2091.76	0.0	2091.78	0.84
8.350	805.	0.0	0.0	2073.1	2900.0	2082.54	0.0	2082.57	4.47
8.350	805.	0.0	0.0	2073.1	5800.0	2085.77	0.0	2085.79	1.96
8.350	805.	0.0	0.0	2073.1	7550.0	2087.23	0.0	2087.20	1.63
9.350	805.	0.0	0.0	2073.1	13500.0	2091.85	0.0	2091.87	1.11
8.370	145.	0.0	0.0	2073.1	2900.0	2082.59	0.0	2082.67	10.70
8.370	145.	0.0	0.0	2073.1	5800.0	2085.79	0.0	2085.84	5.63
8.370	145.	0.0	0.0	2073.1	7550.0	2087.30	0.0	2087.34	4.09
8.370	145.	0.0	0.0	2073.1	13500.0	2091.86	0.0	2091.89	2.03
8.530	700.	0.0	0.0	2073.9	2800.0	2083.54	0.0	2083.59	7.10
8.530	700.	0.0	0.0	2073.9	5700.0	2085.73	0.0	2085.79	4.35
8.530	700.	0.0	0.0	2073.9	7500.0	2087.82	0.0	2087.88	5.51
8.530	700.	0.0	0.0	2073.9	13300.0	2092.15	0.0	2092.20	3.83
8.530	40.	0.0	0.0	2073.9	2800.0	2083.57	0.0	2083.62	6.94
8.530	40.	0.0	0.0	2073.9	5700.0	2085.46	0.0	2085.51	6.28
8.530	40.	0.0	0.0	2073.9	7500.0	2087.84	0.0	2087.90	5.86
8.530	40.	0.0	0.0	2073.9	13300.0	2092.16	0.0	2092.21	3.82

SECNO	XALCH	ELTRD	ELLC	ELMIN	Q	INSEL	LNINS	EG	10K*5
8.530	5.	2094.0	2091.4	2074.1	2800.0	2083.06	2081.86	2084.15	118.57
8.530	5.	2094.0	2091.4	2074.1	5700.0	2083.06	0.0	2084.92	62.49
8.530	5.	2094.0	2091.4	2074.1	7500.0	2083.48	0.0	2088.27	100.57
8.530	5.	2094.0	2091.4	2074.1	13300.0	2071.53	0.0	2092.85	206.23
8.530	30.	2094.0	2091.4	2074.1	2800.0	2083.74	0.0	2084.46	69.44
8.530	30.	2094.0	2091.4	2074.1	5700.0	2083.34	0.0	2087.11	53.40
8.530	30.	2094.0	2091.4	2074.1	7500.0	2083.83	0.0	2088.36	89.00
8.530	30.	2094.0	2091.4	2074.1	13300.0	2072.16	0.0	2093.47	206.80
8.530	5.	0.0	0.0	2074.1	2800.0	2084.50	0.0	2084.53	5.09
8.530	5.	0.0	0.0	2074.1	5700.0	2083.16	0.0	2087.18	2.40
8.530	5.	0.0	0.0	2074.1	7500.0	2088.61	0.0	2088.64	1.84
8.530	5.	0.0	0.0	2074.1	13300.0	2093.58	0.0	2093.60	0.86
8.530	10.	0.0	0.0	2074.1	2800.0	2084.51	0.0	2084.54	5.11
8.530	10.	0.0	0.0	2074.1	5700.0	2083.76	0.0	2087.19	2.40
8.530	10.	0.0	0.0	2074.1	7500.0	2088.61	0.0	2088.64	1.84
8.530	10.	0.0	0.0	2074.1	13300.0	2093.58	0.0	2093.60	0.86
8.760	1250.	0.0	0.0	2074.9	2800.0	2084.93	0.0	2084.95	2.57
8.760	1250.	0.0	0.0	2074.9	5700.0	2087.42	0.0	2087.44	1.91
8.760	1250.	0.0	0.0	2074.9	7500.0	2088.85	0.0	2088.87	1.52
8.760	1250.	0.0	0.0	2074.9	13200.0	2093.88	0.0	2093.90	0.80
8.790	110.	0.0	0.0	2074.9	2800.0	2084.96	0.0	2084.98	2.50
8.790	110.	0.0	0.0	2074.9	5700.0	2087.44	0.0	2087.45	1.89
8.790	110.	0.0	0.0	2074.9	7400.0	2088.83	0.0	2088.85	1.53
8.790	110.	0.0	0.0	2074.9	13200.0	2093.89	0.0	2093.91	0.80
8.790	40.	0.0	0.0	2075.6	2800.0	2084.92	0.0	2085.06	12.13
8.790	40.	0.0	0.0	2075.6	5700.0	2087.40	0.0	2087.52	10.90
8.790	40.	0.0	0.0	2075.6	7400.0	2088.80	0.0	2088.91	8.86
8.790	40.	0.0	0.0	2075.6	13200.0	2093.87	0.0	2093.95	4.02
8.790	5.	2083.2	2084.6	2075.6	2800.0	2084.84	0.0	2085.16	89.26
8.790	5.	2083.2	2084.6	2075.6	5700.0	2087.39	0.0	2087.54	45.30
8.790	5.	2083.2	2084.6	2075.6	7400.0	2088.80	0.0	2088.93	27.80
8.790	5.	2083.2	2084.6	2075.6	13200.0	2093.87	0.0	2093.95	7.79
8.790	30.	2083.2	2084.6	2075.6	2800.0	2085.17	0.0	2085.41	69.86
8.790	30.	2083.2	2084.6	2075.6	5700.0	2087.54	0.0	2087.69	41.03
8.790	30.	2083.2	2084.6	2075.6	7400.0	2088.83	0.0	2089.01	29.33
8.790	30.	2083.2	2084.6	2075.6	13200.0	2093.89	0.0	2093.97	7.74
8.790	5.	0.0	0.0	2075.6	2800.0	2085.32	0.0	2085.43	9.35
8.790	5.	0.0	0.0	2075.6	5700.0	2087.81	0.0	2087.90	9.89
8.790	5.	0.0	0.0	2075.6	7400.0	2088.91	0.0	2089.02	8.23
8.790	5.	0.0	0.0	2075.6	13200.0	2093.70	0.0	2093.77	3.98
8.790	10.	0.0	0.0	2075.6	2800.0	2085.39	0.0	2085.44	5.53
8.790	10.	0.0	0.0	2075.6	5700.0	2087.67	0.0	2087.71	4.23
8.790	10.	0.0	0.0	2075.6	7400.0	2088.99	0.0	2089.04	3.32
8.790	10.	0.0	0.0	2075.6	13200.0	2093.75	0.0	2093.78	1.51

L14

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CHSEL	LNWS	EG	10K*5
8.950	800.	0.0	0.0	2076.4	2800.0	2085.63	0.0	2085.64	1.57
8.950	800.	0.0	0.0	2076.4	5700.0	2087.86	0.0	2087.87	1.30
8.950	800.	0.0	0.0	2076.4	7400.0	2089.14	0.0	2089.16	1.05
8.950	800.	0.0	0.0	2076.4	13100.0	2093.83	0.0	2093.84	0.49
9.070	560.	0.0	0.0	2077.0	2700.0	2085.70	0.0	2085.99	19.47
9.070	560.	0.0	0.0	2077.0	5700.0	2087.87	0.0	2088.24	26.08
9.070	560.	0.0	0.0	2077.0	7300.0	2089.19	0.0	2089.39	14.42
9.070	560.	0.0	0.0	2077.0	13000.0	2093.86	0.0	2093.92	3.09
9.070	40.	0.0	0.0	2077.0	2700.0	2085.78	0.0	2086.06	18.64
9.070	40.	0.0	0.0	2077.0	5700.0	2088.02	0.0	2088.35	23.19
9.070	40.	0.0	0.0	2077.0	7300.0	2089.26	0.0	2089.45	13.70
9.070	40.	0.0	0.0	2077.0	13000.0	2093.87	0.0	2093.93	3.08
9.070	5.	2086.4	2087.2	2077.0	2700.0	2085.82	0.0	2086.07	11.08
9.070	5.	2086.4	2087.2	2077.0	5700.0	2088.23	0.0	2088.38	16.55
9.070	5.	2086.4	2087.2	2077.0	7300.0	2089.36	0.0	2089.47	22.03
9.070	5.	2086.4	2087.2	2077.0	13000.0	2093.88	0.0	2093.94	4.63
9.070	60.	2086.4	2087.2	2077.0	2700.0	2085.89	0.0	2086.14	10.71
9.070	60.	2086.4	2087.2	2077.0	5700.0	2088.45	0.0	2088.58	29.69
9.070	60.	2086.4	2087.2	2077.0	7300.0	2089.50	0.0	2089.59	19.78
9.070	60.	2086.4	2087.2	2077.0	13000.0	2093.91	0.0	2093.96	4.57
9.070	5.	0.0	0.0	2077.0	2700.0	2085.88	0.0	2086.16	17.62
9.070	5.	0.0	0.0	2077.0	5700.0	2088.41	0.0	2088.64	16.69
9.070	5.	0.0	0.0	2077.0	7300.0	2089.47	0.0	2089.63	11.65
9.070	5.	0.0	0.0	2077.0	13000.0	2093.91	0.0	2093.97	3.03
9.070	10.	0.0	0.0	2077.0	2700.0	2085.90	0.0	2086.17	17.57
9.070	10.	0.0	0.0	2077.0	5700.0	2088.43	0.0	2088.66	16.37
9.070	10.	0.0	0.0	2077.0	7300.0	2089.48	0.0	2089.65	11.51
9.070	10.	0.0	0.0	2077.0	13000.0	2093.91	0.0	2093.97	3.03
9.090	90.	0.0	0.0	2077.0	2700.0	2085.92	0.0	2086.42	12.80
9.090	90.	0.0	0.0	2077.0	5700.0	2088.54	0.0	2088.78	9.87
9.090	90.	0.0	0.0	2077.0	7300.0	2089.57	0.0	2089.72	6.39
9.090	90.	0.0	0.0	2077.0	13000.0	2093.94	0.0	2093.99	1.37
9.200	700.	0.0	0.0	2079.3	2700.0	2086.82	0.0	2087.43	20.12
9.200	700.	0.0	0.0	2079.3	5600.0	2089.16	0.0	2089.73	18.52
9.200	700.	0.0	0.0	2079.3	7300.0	2089.96	0.0	2090.53	18.01
9.200	700.	0.0	0.0	2079.3	13000.0	2093.98	0.0	2094.25	6.15
9.210	20.	0.0	0.0	2078.3	2700.0	2086.88	0.0	2087.47	17.35
9.210	20.	0.0	0.0	2078.3	5600.0	2089.28	0.0	2089.78	14.65
9.210	20.	0.0	0.0	2078.3	7300.0	2090.07	0.0	2090.57	14.81
9.210	20.	0.0	0.0	2078.3	13000.0	2094.01	0.0	2094.26	6.05
9.210	30.	0.0	0.0	2078.3	2700.0	2086.97	0.0	2087.52	16.41
9.210	30.	0.0	0.0	2078.3	5600.0	2089.34	0.0	2089.82	14.12
9.210	30.	0.0	0.0	2078.3	7300.0	2090.13	0.0	2090.62	14.32
9.210	30.	0.0	0.0	2078.3	13000.0	2094.02	0.0	2094.23	6.01

SECNO	RCH	ELTRD	ELC	ELMIN	Q	CASEL	CRIMS	EG	10K's
9.210	5.	2086.4	2089.4	2078.3	2700.0	2086.98	0.0	2087.53	11.19
9.210	5.	2086.4	2089.4	2078.3	5600.0	2089.43	0.0	2089.84	32.88
9.210	5.	2086.4	2089.4	2078.3	7300.0	2090.24	0.0	2090.64	35.16
9.210	5.	2086.4	2089.4	2078.3	13000.0	2095.06	0.0	2094.22	15.29
9.210	30.	2086.4	2089.4	2078.3	2700.0	2087.00	0.0	2087.57	11.33
9.210	30.	2086.4	2089.4	2078.3	5400.0	2089.57	0.0	2089.94	30.42
9.210	30.	2086.4	2089.4	2078.3	7300.0	2090.38	0.0	2090.74	32.55
9.210	30.	2086.4	2089.4	2078.3	13000.0	2094.11	0.0	2094.34	16.09
9.210	5.	0.0	0.0	2078.3	2700.0	2087.06	0.0	2087.58	15.21
9.210	5.	0.0	0.0	2078.3	5600.0	2089.56	0.0	2089.97	12.17
9.210	5.	0.0	0.0	2078.3	7300.0	2090.39	0.0	2090.78	12.41
9.210	5.	0.0	0.0	2078.3	13000.0	2094.10	0.0	2094.35	5.79
9.210	10.	0.0	0.0	2078.3	2700.0	2087.08	0.0	2087.60	15.28
9.210	10.	0.0	0.0	2078.3	5600.0	2089.59	0.0	2089.98	13.00
9.210	10.	0.0	0.0	2078.3	7300.0	2090.38	0.0	2090.79	12.24
9.210	10.	0.0	0.0	2078.3	13000.0	2094.11	0.0	2094.36	5.79
9.330	580.	0.0	0.0	2078.4	2700.0	2088.31	0.0	2088.40	11.18
9.330	580.	0.0	0.0	2078.4	5600.0	2090.40	0.0	2090.57	7.92
9.330	580.	0.0	0.0	2078.4	7300.0	2091.31	0.0	2091.39	7.72
9.330	580.	0.0	0.0	2078.4	12900.0	2094.61	0.0	2094.68	4.65
9.600	1540.	0.0	0.0	2079.9	2700.0	2089.75	0.0	2089.82	5.97
9.600	1540.	0.0	0.0	2079.9	5600.0	2091.35	0.0	2091.63	5.92
9.600	1540.	0.0	0.0	2079.9	7300.0	2092.38	0.0	2092.48	6.02
9.600	1540.	0.0	0.0	2079.9	12800.0	2095.33	0.0	2095.43	4.92
9.870	1150.	0.0	0.0	2080.9	2700.0	2090.22	0.0	2090.44	6.88
9.870	1150.	0.0	0.0	2080.9	5500.0	2092.11	0.0	2092.21	4.06
9.870	1150.	0.0	0.0	2080.9	7100.0	2092.92	0.0	2093.60	3.49
9.870	1150.	0.0	0.0	2080.9	12700.0	2095.73	0.0	2095.78	1.92
9.870	50.	0.0	0.0	2080.9	2700.0	2090.27	0.0	2090.48	6.61
9.870	50.	0.0	0.0	2080.9	3500.0	2092.13	0.0	2092.23	3.97
9.870	50.	0.0	0.0	2080.9	7100.0	2095.84	0.0	2095.89	3.52
9.870	50.	0.0	0.0	2080.9	12700.0	2095.74	0.0	2095.79	1.94
9.870	30.	2091.3	2090.8	2080.6	2700.0	2090.28	0.0	2090.77	42.51
9.870	30.	2091.3	2090.8	2080.6	5500.0	2092.86	0.0	2092.96	11.11
9.870	30.	2091.3	2090.8	2080.6	7100.0	2093.42	0.0	2093.52	11.11
9.870	30.	2091.3	2090.8	2080.6	12700.0	2095.93	0.0	2096.00	6.23
9.870	10.	0.0	0.0	2080.6	2700.0	2090.35	0.0	2090.81	10.15
9.870	10.	0.0	0.0	2080.6	3500.0	2092.25	0.0	2092.37	11.07
9.870	10.	0.0	0.0	2080.6	7100.0	2095.93	0.0	2095.93	6.52
9.870	10.	0.0	0.0	2080.6	12700.0	2095.93	0.0	2096.01	6.52
10.050	900.	0.0	0.0	2082.2	2200.0	2092.69	0.0	2092.74	11.82
10.050	900.	0.0	0.0	2082.2	4000.0	2094.22	0.0	2094.06	14.29
10.050	900.	0.0	0.0	2082.2	6400.0	2095.53	0.0	2095.44	16.11
10.050	900.	0.0	0.0	2082.2	10500.0	2096.67	0.0	2096.73	14.14

SEONO	XLCH	ELTRD	ELC	ELMIN	Q	CUSEL	UNITS	EG	10x5
10.280	1200.	0.0	0.0	2085.5	2200.0	2094.71	0.0	2094.75	14.16
10.280	1200.	0.0	0.0	2085.5	4400.0	2075.78	0.0	2095.83	13.88
10.280	1200.	0.0	0.0	2085.5	5900.0	2096.53	0.0	2096.57	14.13
10.610	1660.	0.0	0.0	2087.5	10400.0	2098.49	0.0	2098.57	14.17
10.610	1660.	0.0	0.0	2087.5	2100.0	2096.87	0.0	2096.91	15.53
10.610	1660.	0.0	0.0	2087.5	4300.0	2098.22	0.0	2098.26	14.04
10.610	1660.	0.0	0.0	2087.5	5800.0	2098.96	0.0	2099.00	13.77
10.910	1560.	0.0	0.0	2089.9	10100.0	2100.79	0.0	2100.83	11.80
10.910	1560.	0.0	0.0	2089.9	2000.0	2099.25	0.0	2099.31	14.86
10.910	1560.	0.0	0.0	2089.9	4200.0	2100.78	0.0	2100.84	13.56
10.910	1560.	0.0	0.0	2089.9	5200.0	2100.99	0.0	2101.05	12.55
10.910	1560.	0.0	0.0	2089.9	10000.0	2102.57	0.0	2102.65	11.24
11.310	2150.	0.0	0.0	2093.1	2000.0	2102.95	0.0	2103.31	23.23
11.310	2150.	0.0	0.0	2093.1	4200.0	2104.36	0.0	2105.86	23.27
11.310	2150.	0.0	0.0	2093.1	5500.0	2104.88	0.0	2105.92	23.27
11.310	2150.	0.0	0.0	2093.1	9700.0	2106.28	0.0	2106.92	42.32
11.770	2350.	0.0	0.0	2098.2	1900.0	2107.09	0.0	2107.20	13.00
11.770	2350.	0.0	0.0	2098.2	4900.0	2108.50	0.0	2108.59	10.10
11.770	2350.	0.0	0.0	2098.2	5200.0	2109.09	0.0	2109.18	9.67
11.770	2350.	0.0	0.0	2098.2	9400.0	2110.60	0.0	2110.70	9.84
11.770	40.	0.0	0.0	2098.2	1900.0	2107.15	0.0	2107.25	11.91
11.770	40.	0.0	0.0	2098.2	4000.0	2108.55	0.0	2108.65	9.65
11.770	40.	0.0	0.0	2098.2	5200.0	2109.13	0.0	2109.21	9.31
11.770	40.	0.0	0.0	2098.2	9400.0	2110.64	0.0	2110.74	8.39
11.770	30.	2106.4	2108.2	2098.2	1900.0	2107.65	0.0	2107.53	7.78
11.770	30.	2106.4	2108.2	2098.2	4000.0	2108.77	0.0	2108.84	7.69
11.770	30.	2106.4	2108.2	2098.2	5200.0	2109.33	0.0	2109.40	7.78
11.770	30.	2106.4	2108.2	2098.2	9400.0	2110.86	0.0	2110.95	8.10
11.970	1100.	0.0	0.0	2099.4	1800.0	2108.68	0.0	2108.79	18.56
11.970	1100.	0.0	0.0	2099.4	3900.0	2109.84	0.0	2110.03	16.48
11.970	1100.	0.0	0.0	2099.4	5000.0	2110.50	0.0	2110.60	16.48
11.970	1100.	0.0	0.0	2099.4	9200.0	2112.05	0.0	2112.20	16.58
12.140	800.	0.0	0.0	2102.4	1700.0	2110.43	0.0	2110.69	22.65
12.140	800.	0.0	0.0	2102.4	3700.0	2111.72	0.0	2111.89	22.66
12.140	800.	0.0	0.0	2102.4	4800.0	2112.29	0.0	2112.36	22.98
12.140	800.	0.0	0.0	2102.4	8730.0	2113.83	0.0	2114.09	20.48
12.140	60.	0.0	0.0	2102.4	1700.0	2110.59	0.0	2110.81	19.11
12.140	60.	0.0	0.0	2102.4	3700.0	2111.26	0.0	2112.13	19.74
12.140	60.	0.0	0.0	2102.4	4800.0	2112.79	0.0	2112.99	19.61
12.140	60.	0.0	0.0	2102.4	8730.0	2113.97	0.0	2114.20	18.46

SECNO	ALCH	ELTRD	FLIC	ELFTN	Q	CASEL	LNAMS	EG	10K*5
12.140	1:	2110.0	2109.9	2102.4	1770.0	2110.57	0.0	2110.84	52.20
12.140	1:	2110.0	2109.9	2102.4	3700.0	2111.94	0.0	2112.13	52.83
12.140	1:	2110.0	2109.9	2102.4	4870.0	2112.51	0.0	2112.69	51.41
12.140	1:	2110.0	2109.9	2102.4	8750.0	2114.00	0.0	2114.21	41.27
12.140	40:	2110.0	2109.9	2102.4	1770.0	2110.85	0.0	2111.03	43.33
12.140	40:	2110.0	2109.9	2102.4	3700.0	2112.19	0.0	2112.73	42.48
12.140	40:	2110.0	2109.9	2102.4	4870.0	2112.73	0.0	2112.88	40.88
12.140	40:	2110.0	2109.9	2102.4	8750.0	2114.18	0.0	2114.37	36.02
12.140	1:	0.0	0.0	2102.4	1770.0	2110.88	0.0	2111.04	13.96
12.140	1:	0.0	0.0	2102.4	3700.0	2112.18	0.0	2112.35	14.76
12.140	1:	0.0	0.0	2102.4	4870.0	2112.72	0.0	2112.90	15.36
12.140	1:	0.0	0.0	2102.4	8750.0	2114.17	0.0	2114.38	16.01
12.200	500:	0.0	0.0	2102.4	1760.0	2111.48	0.0	2111.68	12.70
12.200	500:	0.0	0.0	2102.4	3630.0	2112.19	0.0	2113.14	20.51
12.200	500:	0.0	0.0	2102.4	4900.0	2113.34	0.0	2113.72	23.04
12.200	500:	0.0	0.0	2102.4	8650.0	2114.77	0.0	2115.22	26.97
12.590	2200:	0.0	0.0	2105.4	1600.0	2115.07	0.0	2115.33	23.37
12.590	2200:	0.0	0.0	2105.4	3330.0	2115.97	0.0	2117.15	17.04
12.590	2200:	0.0	0.0	2105.4	4380.0	2115.88	0.0	2117.85	16.35
12.590	2200:	0.0	0.0	2105.4	8000.0	2119.43	0.0	2119.63	16.50
12.770	900:	0.0	0.0	2109.0	1530.0	2117.73	0.0	2118.14	21.74
12.770	900:	0.0	0.0	2109.0	3200.0	2119.25	0.0	2119.86	54.40
12.770	900:	0.0	0.0	2109.0	4200.0	2119.87	0.0	2121.43	51.40
12.770	900:	0.0	0.0	2109.0	7700.0	2121.53	0.0	2121.98	41.78
12.770	60:	0.0	0.0	2109.0	1530.0	2117.82	0.0	2118.47	41.21
12.770	60:	0.0	0.0	2109.0	3200.0	2119.15	0.0	2120.82	48.81
12.770	60:	0.0	0.0	2109.0	4200.0	2120.18	0.0	2120.82	17.53
12.770	60:	0.0	0.0	2109.0	7700.0	2121.78	0.0	2122.19	29.82
12.770	1:	2120.2	2120.2	2109.1	1530.0	2117.89	0.0	2118.46	52.31
12.770	1:	2120.2	2120.2	2109.1	3200.0	2119.16	0.0	2120.83	128.81
12.770	1:	2120.2	2120.2	2109.1	4200.0	2119.94	0.0	2121.07	120.16
12.770	1:	2120.2	2120.2	2109.1	7700.0	2:22.33	2122.33	2123.82	346.72
12.770	40:	2120.2	2120.2	2109.1	1530.0	2118.14	0.0	2118.69	46.56
12.770	40:	2120.2	2120.2	2109.1	3200.0	2120.85	0.0	2121.39	96.08
12.770	40:	2120.2	2120.2	2109.1	4200.0	2120.88	0.0	2121.65	147.45
12.770	40:	2120.2	2120.2	2109.1	7700.0	2122.20	0.0	2122.40	98.93
12.770	1:	0.0	0.0	2109.0	1530.0	2118.16	0.0	2118.69	36.33
12.770	1:	0.0	0.0	2109.0	3200.0	2121.35	0.0	2121.43	6.40
12.770	1:	0.0	0.0	2109.0	4200.0	2121.60	0.0	2121.74	9.71
12.770	1:	0.0	0.0	2109.0	7700.0	2122.51	0.0	2122.63	7.72
12.770	15:	0.0	0.0	2109.0	1530.0	2118.70	0.0	2118.76	6.20
12.770	15:	0.0	0.0	2109.0	3200.0	2121.42	0.0	2121.45	3.22
12.770	15:	0.0	0.0	2109.0	4200.0	2121.71	0.0	2121.76	4.66
12.770	15:	0.0	0.0	2109.0	7700.0	2122.60	0.0	2122.64	3.67

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	LNIMS	EG	10K'S
12.950	1000.	0.0	0.0	2112.4	1460.0	2119.80	0.0	2120.28	53.28
12.950	1000.	0.0	0.0	2112.4	3090.0	2121.98	0.0	2122.22	28.59
12.950	1000.	0.0	0.0	2112.4	4020.0	2122.49	0.0	2122.74	30.01
12.950	1000.	0.0	0.0	2112.4	7410.0	2125.14	0.0	2125.28	14.27
13.270	1700.	0.0	0.0	2116.9	1080.0	2125.14	0.0	2125.35	16.69
13.270	1700.	0.0	0.0	2116.9	2710.0	2126.25	0.0	2126.53	23.10
13.270	1700.	0.0	0.0	2116.9	2950.0	2126.84	0.0	2127.10	23.10
13.270	1700.	0.0	0.0	2116.9	5400.0	2128.02	0.0	2128.33	28.49
13.930	3600.	0.0	0.0	2129.6	980.0	2136.95	2134.84	2137.58	114.19
13.930	3600.	0.0	0.0	2129.6	2080.0	2138.24	0.0	2138.45	55.39
13.930	3600.	0.0	0.0	2129.6	2760.0	2138.58	0.0	2138.76	53.07
13.930	3600.	0.0	0.0	2129.6	5090.0	2139.66	2138.57	2139.81	38.46
14.030	400.	0.0	0.0	2129.6	970.0	2138.44	0.0	2138.47	8.35
14.030	400.	0.0	0.0	2129.6	2070.0	2139.25	0.0	2139.29	10.66
14.030	400.	0.0	0.0	2129.6	2730.0	2139.60	0.0	2139.65	11.77
14.030	400.	0.0	0.0	2129.6	5040.0	2140.62	0.0	2140.69	13.95
14.030	60.	2138.0	2137.7	2130.5	970.0	2138.01	2135.71	2139.21	517.78
14.030	60.	2138.0	2137.7	2130.5	2070.0	2139.25	0.0	2139.66	346.78
14.030	60.	2138.0	2137.7	2130.5	2730.0	2139.67	0.0	2139.86	247.50
14.030	60.	2138.0	2137.7	2130.5	5040.0	2140.73	0.0	2140.96	132.90
14.030	40.	2138.0	2137.7	2130.5	970.0	2139.63	0.0	2139.67	33.97
14.030	40.	2138.0	2137.7	2130.5	2070.0	2140.10	0.0	2140.19	62.99
14.030	40.	2138.0	2137.7	2130.5	2730.0	2140.34	0.0	2140.46	70.25
14.030	40.	2138.0	2137.7	2130.5	5040.0	2141.19	0.0	2141.34	69.14
14.030	10.	0.0	0.0	2130.6	970.0	2139.67	0.0	2139.69	5.64
14.030	10.	0.0	0.0	2130.6	2070.0	2140.17	0.0	2140.21	11.88
14.030	10.	0.0	0.0	2130.6	2730.0	2140.44	0.0	2140.49	14.43
14.030	10.	0.0	0.0	2130.6	5040.0	2141.30	0.0	2141.38	18.94
14.080	250.	0.0	0.0	2131.0	970.0	2139.84	0.0	2140.09	36.31
14.080	250.	0.0	0.0	2131.0	2070.0	2140.52	2138.73	2141.13	85.98
14.080	250.	0.0	0.0	2131.0	2730.0	2140.89	2140.74	2141.53	93.20
14.080	250.	0.0	0.0	2131.0	5040.0	2141.96	0.0	2142.44	80.94
14.500	2220.	0.0	0.0	2139.2	850.0	2147.90	0.0	2148.11	35.85
14.500	2220.	0.0	0.0	2139.2	1800.0	2149.68	0.0	2149.78	20.42
14.500	2220.	0.0	0.0	2139.2	2380.0	2150.14	0.0	2150.24	19.77
14.500	2220.	0.0	0.0	2139.2	4750.0	2151.17	0.0	2151.28	22.10
14.960	2480.	0.0	0.0	2151.2	620.0	2157.47	0.0	2157.62	42.17
14.960	2480.	0.0	0.0	2151.2	1360.0	2158.15	0.0	2158.47	25.82
14.960	2480.	0.0	0.0	2151.2	1720.0	2158.41	0.0	2158.77	103.44
14.960	2480.	0.0	0.0	2151.2	3370.0	2159.56	0.0	2159.81	73.80
14.960	60.	0.0	0.0	2151.2	620.0	2157.73	0.0	2157.85	33.51
14.960	60.	0.0	0.0	2151.2	1360.0	2158.72	0.0	2158.87	41.53
14.960	60.	0.0	0.0	2151.2	1720.0	2159.04	0.0	2159.18	41.72
14.960	60.	0.0	0.0	2151.2	3370.0	2160.03	0.0	2160.17	39.00

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	LNIMS	EG	10K'S
14.960	40.	2160.4	2159.1	2151.2	620.0	2157.73	0.0	2157.85	33.53
14.960	40.	2160.4	2159.1	2151.2	1360.0	2158.72	0.0	2158.87	41.62
14.960	40.	2160.4	2159.1	2151.2	1720.0	2161.05	0.0	2161.07	3.03
14.960	40.	2160.4	2159.1	2151.2	3370.0	2162.40	0.0	2162.42	3.47
14.960	15.	0.0	0.0	2151.2	620.0	2157.79	0.0	2157.90	31.72
14.960	15.	0.0	0.0	2151.2	1360.0	2158.79	0.0	2158.93	37.89
14.960	15.	0.0	0.0	2151.2	1720.0	2161.06	0.0	2161.07	3.04
14.960	15.	0.0	0.0	2151.2	3370.0	2162.40	0.0	2162.42	3.48

MUD CREEK

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPW/D	XLCH
0.430	8600.	2053.8	0.0	0.0	3.8	933.57	0.0
0.430	17000.	2056.5	2.7	0.0	6.5	997.78	0.0
0.430	21800.	2057.8	1.3	0.0	7.8	1012.48	0.0
0.430	36800.	2061.1	3.3	0.0	11.1	1060.12	0.0
0.530	8600.	2054.2	0.0	0.4	0.0	1276.39	400.00
0.530	16900.	2057.0	2.7	0.4	0.0	1305.64	400.00
0.530	21700.	2058.2	1.3	0.4	0.0	1338.49	400.00
0.530	36700.	2061.5	3.3	0.5	0.0	1351.14	400.00
0.530	8600.	2053.5	0.0	-0.7	0.0	167.00	40.00
0.530	16900.	2057.0	3.5	0.1	0.0	1308.95	40.00
0.530	21700.	2058.3	1.3	0.1	0.0	1339.04	40.00
0.530	36700.	2061.6	3.3	0.1	0.0	1351.52	40.00
0.530	8600.	2053.7	0.0	0.2	0.0	167.00	40.00
0.530	16900.	2059.1	5.4	2.0	0.0	1343.41	40.00
0.530	21700.	2060.3	1.2	2.0	0.0	1328.00	40.00
0.530	36700.	2062.9	2.6	1.3	0.0	1359.29	40.00
0.530	8600.	2055.3	0.0	1.7	0.0	1283.56	10.00
0.530	16900.	2059.1	3.7	0.0	0.0	1343.45	10.00
0.530	21700.	2060.3	1.2	0.0	0.0	1328.01	10.00
0.530	36700.	2062.9	2.6	0.0	0.0	1359.33	10.00
0.920	8550.	2056.1	0.0	0.7	0.0	1122.89	2140.00
0.920	16800.	2059.7	3.6	0.6	0.0	1170.16	2140.00
0.920	21600.	2061.0	1.3	0.7	0.0	1184.60	2140.00
0.920	36500.	2063.9	2.9	0.9	0.0	1215.02	2140.00
1.300	8500.	2057.9	0.0	1.8	0.0	1094.22	2000.00
1.300	16600.	2061.0	3.1	1.3	0.0	1134.53	2000.00
1.300	21400.	2062.3	1.3	1.3	0.0	1151.63	2000.00
1.300	36400.	2065.3	3.1	1.5	0.0	1188.27	2000.00
1.680	8500.	2058.9	0.0	1.0	0.0	1094.13	1800.00
1.680	16500.	2061.8	2.9	0.8	0.0	1505.18	1800.00
1.680	21200.	2063.1	1.3	0.8	0.0	1526.68	1800.00
1.680	36200.	2066.2	3.1	0.8	0.0	1646.84	1800.00
1.680	8500.	2058.7	0.0	-0.2	0.0	562.64	60.00
1.680	16500.	2061.6	2.9	-0.1	0.0	1391.26	60.00
1.680	21200.	2063.0	1.3	-0.1	0.0	1451.72	60.00
1.680	36200.	2066.1	3.1	-0.1	0.0	1587.79	60.00
1.680	8500.	2058.8	0.0	0.0	0.0	566.34	60.00
1.680	16500.	2062.5	3.7	0.9	0.0	1432.05	60.00
1.680	21200.	2063.8	1.3	0.9	0.0	1490.61	60.00
1.680	36200.	2066.5	2.7	0.4	0.0	1604.89	60.00
1.680	8500.	2059.2	0.0	0.4	0.0	1126.54	20.00
1.680	16500.	2062.7	3.5	0.2	0.0	1520.91	20.00

1.680	21200.	2064.0	1.2	0.1	0.0	1541.53	20.00
1.680	36200.	2066.6	2.7	0.1	0.0	1668.24	20.00

SECNO	Q	CWSEL	DIFWCP	DIFWSX	DIFKWS	TOPWID	ALCH
1.980	8500.	2059.6	0.0	0.4	0.0	2337.24	1520.00
1.980	16400.	2063.1	3.5	0.4	0.0	2611.59	1520.00
1.980	21100.	2064.3	1.3	0.4	0.0	2619.33	1520.00
1.980	36000.	2067.1	2.8	0.5	0.0	2637.75	1520.00
2.150	8400.	2059.8	0.0	0.2	0.0	2006.92	980.00
2.150	16300.	2063.2	3.4	0.1	0.0	2106.68	980.00
2.150	21000.	2064.5	1.3	0.1	0.0	2119.69	980.00
2.150	36000.	2067.3	2.8	0.1	0.0	2139.83	980.00
2.450	8200.	2060.8	0.0	1.0	0.0	1696.46	1400.00
2.450	16000.	2063.6	2.8	0.4	0.0	1738.28	1400.00
2.450	20600.	2064.8	1.2	0.4	0.0	1737.20	1400.00
2.450	34800.	2067.6	2.8	0.4	0.0	2432.98	1400.00
2.450	8200.	2060.2	0.0	-0.6	0.0	86.22	60.00
2.450	16000.	2063.6	3.4	0.0	0.0	1738.77	60.00
2.450	20600.	2064.9	1.2	0.0	0.0	1757.60	60.00
2.450	34800.	2067.6	2.8	0.0	0.0	2433.28	60.00
2.450	8200.	2061.1	0.0	0.9	0.0	90.00	20.00
2.450	16000.	2065.9	4.8	2.3	0.0	2402.77	20.00
2.450	20600.	2066.4	0.5	1.6	0.0	2412.00	20.00
2.450	34800.	2068.1	1.7	0.5	0.0	2441.34	20.00
2.450	8200.	2062.1	0.0	1.0	0.0	1715.21	15.00
2.450	16000.	2065.9	3.8	0.0	0.0	2402.87	15.00
2.450	20600.	2066.4	0.5	0.0	0.0	2412.10	15.00
2.450	34800.	2068.1	1.7	0.0	0.0	2441.44	15.00
2.660	8100.	2062.6	0.0	0.5	0.0	1857.74	1200.00
2.660	15900.	2066.1	3.5	0.2	0.0	1939.78	1200.00
2.660	20400.	2066.7	0.6	0.3	0.0	1953.44	1200.00
2.660	34700.	2068.5	1.8	0.4	0.0	1994.89	1200.00
2.980	8000.	2063.3	0.0	0.7	0.0	702.32	1900.00
2.980	15800.	2066.5	3.2	0.4	0.0	1517.94	1900.00
2.980	20200.	2067.2	0.7	0.5	0.0	1545.73	1900.00
2.980	34500.	2069.2	2.0	0.7	0.0	1626.00	1900.00
3.590	7900.	2066.8	0.0	3.5	0.0	1383.26	3000.00
3.590	15500.	2069.2	2.4	2.7	0.0	1451.96	3000.00
3.590	20000.	2070.1	1.0	3.0	0.0	1479.96	3000.00
3.590	34200.	2072.7	2.5	3.5	0.0	1552.29	3000.00
3.590	7900.	2066.8	0.0	0.0	0.0	851.33	60.00
3.590	15500.	2069.2	2.4	0.0	0.0	878.27	60.00
3.590	20000.	2070.1	1.0	-0.0	0.0	893.74	60.00
3.590	34200.	2072.6	2.5	-0.0	0.0	935.97	60.00
3.590	7900.	2066.7	0.0	-0.1	0.0	665.89	1.00
3.590	15500.	2069.1	2.4	-0.1	0.0	877.43	1.00
3.590	20000.	2070.1	1.0	-0.1	0.0	893.56	1.00
3.590	34200.	2072.6	2.5	-0.1	0.0	939.34	1.00

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SECNO	Q	CUSEL	DIFMSP	DIFMSX	DIFKAS	TOPAID	ALCH
3.590	7900.	2066.8	0.0	0.1	0.0	679.44	40.00
3.590	15500.	2069.2	2.4	0.1	0.0	878.56	40.00
3.590	20000.	2070.2	1.0	0.1	0.0	895.79	40.00
3.590	34200.	2072.7	2.5	0.1	0.0	941.66	40.00
3.590	7900.	2067.0	0.0	0.2	0.0	853.58	1.00
3.590	15500.	2069.4	2.4	0.1	0.0	880.50	1.00
3.590	20000.	2070.3	1.0	0.1	0.0	897.01	1.00
3.590	34200.	2072.8	2.5	0.1	0.0	939.37	1.00
3.590	7900.	2067.0	0.0	0.0	0.0	853.72	15.00
3.590	15500.	2069.4	2.4	0.0	0.0	880.75	15.00
3.590	20000.	2070.3	1.0	0.0	0.0	897.29	15.00
3.590	34200.	2072.8	2.5	0.0	0.0	939.70	15.00
3.720	7800.	2067.3	0.0	0.3	0.0	803.74	1000.00
3.720	15400.	2067.8	2.3	0.3	0.0	875.37	100.00
3.720	19900.	2070.9	1.1	0.3	0.0	905.53	1000.00
3.720	34000.	2073.6	2.7	0.3	0.0	976.82	1000.00
4.100	7750.	2068.5	0.0	1.1	0.0	882.53	2200.00
4.100	15300.	2071.3	2.3	1.3	0.0	904.34	2200.00
4.100	19700.	2075.6	1.0	1.3	0.0	917.21	2200.00
4.100	33900.	2075.8	3.2	2.2	0.0	964.91	2200.00
4.420	7700.	2069.4	0.0	1.0	0.0	1137.38	1750.00
4.420	15200.	2072.4	3.0	1.1	0.0	1230.62	1750.00
4.420	19300.	2073.8	1.3	1.2	0.0	1262.05	1750.00
4.420	33700.	2077.2	3.4	1.2	0.0	1341.61	1750.00
4.780	7700.	2071.0	0.0	1.6	0.0	848.71	3000.00
4.780	15200.	2073.8	4.8	1.4	0.0	876.01	2000.00
4.780	19400.	2075.1	1.3	1.3	0.0	885.21	2000.00
4.780	33600.	2078.5	3.4	1.3	0.0	908.80	2000.00
4.970	7700.	2072.1	0.0	1.1	0.0	966.20	1000.00
4.970	15200.	2074.9	2.8	1.1	0.0	991.27	1000.00
4.970	19600.	2076.3	1.3	1.2	0.0	1003.48	1000.00
4.970	33600.	2079.7	3.4	1.2	0.0	1028.72	1000.00
5.030	7700.	2072.3	0.0	0.2	0.0	1090.32	320.00
5.030	15200.	2075.1	2.8	0.2	0.0	1132.54	320.00
5.030	19500.	2076.5	1.3	0.2	0.0	1144.01	320.00
5.030	33600.	2079.9	3.5	0.2	0.0	1173.26	320.00
5.400	7700.	2072.9	0.0	0.6	0.0	699.82	1910.00
5.400	15100.	2075.8	2.9	0.6	0.0	716.07	1910.00
5.400	19500.	2077.2	1.4	0.8	0.0	728.33	1910.00
5.400	33500.	2080.8	3.5	0.8	0.0	763.33	1910.00
5.400	7700.	2073.0	0.0	0.0	0.0	700.15	40.00
5.400	15100.	2075.2	2.7	0.1	0.0	719.39	40.00
5.400	19500.	2077.3	1.3	0.1	0.0	728.73	40.00
5.400	33500.	2080.8	3.5	0.1	0.0	764.32	40.00

SEENO	Q	CASEL	DIFASP	DIFASX	DIFKAS	TOPRID	ALPH
5.400	7700.	2072.7	0.0	-0.3	0.0	421.97	5.00
5.400	15100.	2075.7	2.9	-0.2	0.0	310.21	5.00
5.400	19500.	2077.0	1.4	-0.2	0.0	551.72	5.00
5.400	33500.	2080.8	3.7	-0.0	0.0	657.48	5.00
5.400	7700.	2072.9	0.0	0.2	0.0	427.61	30.00
5.400	15100.	2075.8	2.9	0.3	0.0	515.41	30.00
5.400	19500.	2077.2	1.4	0.2	0.0	556.79	30.00
5.400	33500.	2081.0	3.7	0.2	0.0	666.27	30.00
5.400	7700.	2073.5	0.0	0.6	0.0	703.50	5.00
5.400	15100.	2076.4	2.9	0.5	0.0	722.59	5.00
5.400	19500.	2077.7	1.4	0.5	0.0	743.37	5.00
5.400	33500.	2081.1	3.3	0.1	0.0	773.19	5.00
5.400	7700.	2073.5	0.0	0.0	0.0	703.56	10.00
5.400	15100.	2076.4	2.9	0.0	0.0	722.59	10.00
5.400	19500.	2077.7	1.3	0.0	0.0	732.48	10.00
5.400	33500.	2081.1	3.3	0.0	0.0	774.94	10.00
5.760	5100.	2074.8	0.0	1.3	0.0	353.50	180.00
5.760	10100.	2078.0	1.3	1.6	0.0	421.64	180.00
5.760	13100.	2079.4	3.7	1.7	0.0	450.29	180.00
5.760	22700.	2083.1	3.7	2.0	0.0	500.07	180.00
5.970	5100.	2075.5	0.0	0.7	0.0	438.87	1150.00
5.970	10000.	2078.9	2.4	0.9	0.0	495.33	1150.00
5.970	13000.	2080.4	1.6	1.0	0.0	514.73	1150.00
5.970	22500.	2084.3	3.9	1.3	0.0	581.17	1150.00
6.190	5000.	2076.0	0.0	0.5	0.0	1086.10	1150.00
6.190	10000.	2079.4	3.4	0.3	0.0	1212.59	1150.00
6.190	12500.	2081.0	1.6	0.3	0.0	1225.60	1150.00
6.190	22300.	2084.9	4.0	0.6	0.0	1311.93	1150.00
6.230	5000.	2076.0	0.0	0.0	0.0	1089.17	160.00
6.230	10000.	2079.4	3.4	0.0	0.0	1214.18	160.00
6.230	12900.	2081.0	1.6	0.0	0.0	1225.72	160.00
6.230	22300.	2085.0	4.0	0.0	0.0	1312.24	160.00
6.230	5000.	2076.0	0.0	-0.0	0.0	580.40	40.00
6.230	10000.	2079.3	3.4	-0.1	0.0	625.63	40.00
6.230	12900.	2080.9	1.6	-0.1	0.0	632.29	40.00
6.230	22300.	2084.9	4.0	-0.1	0.0	682.89	40.00
6.230	5000.	2076.0	0.0	0.0	0.0	580.49	30.00
6.230	10000.	2080.6	2.9	1.3	0.0	632.77	30.00
6.230	12900.	2082.0	1.4	1.1	0.0	640.40	30.00
6.230	22300.	2085.4	3.4	0.5	0.0	697.44	30.00
6.230	5000.	2076.0	0.0	0.0	0.0	580.75	10.00
6.230	10000.	2080.6	4.6	0.0	0.0	632.78	10.00
6.230	12900.	2082.0	1.4	0.0	0.0	640.42	10.00
6.230	22300.	2085.4	3.4	0.0	0.0	697.46	10.00

SECNO	Q	CASEL	DIFMSP	DIFMSX	DIFRAS	TORPAID	ALCH
6.330	5000.	2076.0	0.0	0.0	0.0	381.72	440.00
6.330	9900.	2080.7	4.6	0.0	0.0	582.75	440.00
6.330	12600.	2082.1	1.4	0.0	0.0	586.84	440.00
6.330	22100.	2085.5	3.4	0.0	0.0	609.98	440.00
6.590	5000.	2077.1	0.0	1.1	0.0	95.03	1360.00
6.590	9800.	2081.3	4.2	0.7	0.0	1011.47	1360.00
6.590	12600.	2082.8	1.4	0.8	0.0	1030.26	1360.00
6.590	21800.	2086.3	3.5	0.8	0.0	1083.35	1360.00
6.780	5000.	2077.4	0.0	0.3	0.0	289.18	960.00
6.780	9700.	2081.6	4.2	0.3	0.0	689.31	960.00
6.780	12500.	2083.0	1.5	0.3	0.0	700.42	960.00
6.780	21700.	2086.6	3.6	0.3	0.0	722.93	960.00
6.780	5000.	2077.4	0.0	0.0	0.0	250.00	40.00
6.780	9700.	2081.4	2.0	0.1	0.0	250.00	40.00
6.780	12500.	2082.8	1.4	0.2	0.0	250.00	40.00
6.780	21700.	2086.3	3.5	0.3	0.0	259.69	40.00
6.780	5000.	2077.5	0.0	0.1	0.0	250.00	30.00
6.780	9700.	2081.5	4.0	0.2	0.0	250.00	30.00
6.780	12500.	2083.0	1.6	0.2	0.0	250.00	30.00
6.780	21700.	2087.1	4.1	0.3	0.0	246.45	30.00
6.780	5000.	2077.8	0.0	0.3	0.0	353.30	10.00
6.780	9700.	2081.7	3.9	0.3	0.0	447.70	10.00
6.780	12500.	2083.2	1.6	0.3	0.0	451.62	10.00
6.780	21700.	2087.5	4.2	0.4	0.0	489.71	10.00
6.860	4800.	2078.4	0.0	0.6	0.0	363.23	350.00
6.860	9600.	2082.9	3.3	0.5	0.0	432.09	350.00
6.860	12500.	2085.0	1.6	0.5	0.0	445.09	350.00
6.860	21700.	2088.0	4.2	0.5	0.0	493.04	350.00
6.860	4800.	2078.3	0.0	0.2	0.0	291.20	10.00
6.860	9600.	2082.1	3.8	0.1	0.0	451.69	10.00
6.860	12500.	2083.7	1.6	0.1	0.0	455.62	10.00
6.860	21700.	2087.9	4.2	0.1	0.0	492.93	10.00
6.860	4800.	2078.4	0.0	0.1	0.0	337.28	30.00
6.860	9600.	2082.2	3.8	0.1	0.0	452.67	30.00
6.860	12500.	2083.8	1.6	0.1	0.0	456.54	30.00
6.860	21700.	2088.0	4.2	0.1	0.0	493.51	30.00
6.860	4800.	2078.8	0.0	0.4	0.0	377.27	10.00
6.860	9600.	2082.6	3.8	0.4	0.0	455.17	10.00
6.860	12500.	2084.2	1.6	0.4	0.0	448.50	10.00
6.860	21700.	2088.3	4.1	0.3	0.0	494.97	10.00
7.050	4800.	2079.4	0.0	0.7	0.0	912.02	960.00
7.050	9500.	2083.3	3.3	0.7	0.0	964.09	960.00
7.050	12400.	2085.0	1.7	0.3	0.0	1011.39	960.00
7.050	21600.	2089.2	4.3	0.3	0.0	1055.39	960.00

K15

SEONO	Q	CWSEL	DIFWSP	DIFWSX	DIFWSS	TOPWID	ALLH
7.330	4700.	2080.0	0.0	0.5	0.0	1219.42	1500.00
7.330	9500.	2083.7	3.8	0.4	0.0	1303.64	1500.00
7.330	12400.	2085.4	1.7	0.5	0.0	1328.65	1500.00
7.330	21500.	2089.7	4.3	0.5	0.0	1388.93	1500.00
7.370	4700.	2080.2	0.0	0.2	0.0	882.01	200.00
7.370	9500.	2083.9	3.7	0.1	0.0	1292.04	200.00
7.370	12400.	2085.5	1.7	0.1	0.0	1313.88	200.00
7.370	21500.	2089.8	4.3	0.1	0.0	1355.37	200.00
7.380	4700.	2080.3	0.0	0.2	0.0	1269.79	50.00
7.380	9500.	2084.0	3.6	0.1	0.0	1308.43	50.00
7.380	12400.	2085.6	1.6	0.1	0.0	1325.65	50.00
7.380	21500.	2089.9	4.3	0.1	0.0	1370.41	50.00
7.530	4700.	2090.6	0.0	0.3	0.0	1225.59	800.00
7.530	9500.	2084.2	3.6	0.2	0.0	1411.41	800.00
7.530	12300.	2085.8	1.6	0.2	0.0	1462.29	800.00
7.530	21500.	2090.1	4.3	0.2	0.0	1508.50	800.00
7.530	4700.	2080.6	0.0	0.0	0.0	903.16	20.00
7.530	9500.	2084.2	3.6	0.0	0.0	1411.50	20.00
7.530	12300.	2085.8	1.6	0.0	0.0	1462.36	20.00
7.530	21500.	2090.1	4.3	0.0	0.0	1508.52	20.00
7.670	4600.	2081.2	0.0	0.5	0.0	897.72	720.00
7.670	9500.	2084.6	3.4	0.4	0.0	1592.01	720.00
7.670	12300.	2086.2	1.6	0.4	0.0	1841.01	720.00
7.670	21400.	2090.4	4.2	0.5	0.0	1923.88	720.00
7.740	4600.	2081.5	0.0	0.3	0.0	1284.88	360.00
7.740	9500.	2084.9	3.4	0.3	0.0	1544.64	360.00
7.740	12300.	2086.4	1.6	0.2	0.0	1557.45	360.00
7.740	21400.	2090.6	4.1	0.2	0.0	1653.63	360.00
7.740	4600.	2081.5	0.0	0.0	0.0	1289.58	40.00
7.740	9500.	2084.9	3.4	0.0	0.0	1544.71	40.00
7.740	12300.	2086.4	1.6	0.0	0.0	1557.59	40.00
7.740	21400.	2090.6	4.1	0.0	0.0	1653.72	40.00
7.770	4600.	2081.4	0.0	-0.1	0.0	864.99	5.00
7.770	9500.	2084.8	3.4	-0.0	0.0	1126.82	5.00
7.770	12300.	2086.4	1.6	-0.0	0.0	1140.44	5.00
7.770	21350.	2090.6	4.1	-0.0	0.0	1143.92	5.00
7.770	4600.	2081.6	0.0	0.2	0.0	914.00	40.00
7.770	9500.	2085.0	3.3	0.1	0.0	1130.76	40.00
7.770	12300.	2086.5	1.5	0.1	0.0	1140.51	40.00
7.770	21350.	2090.6	4.1	0.1	0.0	1143.96	40.00
7.770	4600.	2081.7	0.0	0.1	0.0	977.40	5.00
7.770	9500.	2085.0	3.3	0.0	0.0	1131.75	5.00
7.770	12300.	2086.5	1.5	0.0	0.0	1140.52	5.00
7.770	21350.	2090.6	4.1	0.0	0.0	1143.96	5.00

L15

SECNO	Q	CASEL	DIFMSP	DIFMSX	DIFKMS	TOPMID	ALH
7.770	4600.	2081.7	0.0	0.0	0.0	979.69	20.00
7.770	9500.	2085.0	3.3	0.0	0.0	1131.90	20.00
7.770	12300.	2086.5	1.5	0.0	0.0	1140.54	20.00
7.770	21350.	2090.6	4.1	0.0	0.0	1143.98	20.00
7.840	4700.	2081.9	0.0	0.1	0.0	1132.27	600.00
7.840	9400.	2085.1	3.3	0.1	0.0	1486.58	600.00
7.840	12250.	2086.7	1.5	0.1	0.0	1676.89	600.00
7.840	21350.	2090.7	4.1	0.1	0.0	2302.65	600.00
7.900	4100.	2081.8	0.0	-0.0	0.0	267.82	40.00
7.900	8200.	2085.1	3.2	-0.1	0.0	470.87	40.00
7.900	10700.	2086.6	2.5	-0.1	0.0	480.87	40.00
7.900	18700.	2090.6	4.1	-0.1	0.0	606.56	40.00
7.900	4100.	2081.8	0.0	0.0	0.0	233.20	5.00
7.900	8200.	2085.1	3.2	0.0	0.0	438.20	5.00
7.900	10700.	2086.6	2.5	0.0	0.0	452.20	5.00
7.900	18700.	2090.5	3.9	-0.1	0.0	483.08	5.00
7.900	4100.	2081.9	0.0	0.1	0.0	234.63	60.00
7.900	8200.	2085.2	3.3	0.1	0.0	439.41	60.00
7.900	10700.	2086.7	2.5	0.1	0.0	453.22	60.00
7.900	18700.	2091.0	4.3	0.3	0.0	712.72	60.00
7.900	4100.	2082.1	0.0	0.2	0.0	1017.50	5.00
7.900	8200.	2085.4	3.3	0.3	0.0	1074.78	5.00
7.900	10700.	2087.0	2.5	0.3	0.0	1073.20	5.00
7.900	18700.	2091.6	4.6	0.6	0.0	1099.20	5.00
7.900	4100.	2082.1	0.0	0.0	0.0	1017.57	30.00
7.900	8200.	2085.4	3.3	0.0	0.0	1084.84	20.00
7.900	10700.	2087.0	2.5	0.0	0.0	1073.26	20.00
7.900	18700.	2091.6	4.6	0.0	0.0	1099.22	20.00
7.930	2900.	2082.2	0.0	0.1	0.0	1135.59	80.00
7.930	5900.	2085.5	3.3	0.1	0.0	1329.87	80.00
7.930	7770.	2087.0	2.5	0.1	0.0	1358.83	80.00
7.930	13700.	2091.7	4.6	0.1	0.0	1463.81	80.00
8.030	3000.	2082.2	0.0	0.1	0.0	917.18	500.00
8.030	5740.	2085.6	3.3	0.0	0.0	962.49	500.00
8.030	7770.	2087.1	2.5	0.1	0.0	970.12	500.00
8.030	13700.	2091.7	4.6	0.0	0.0	985.19	500.00
8.190	3000.	2082.3	0.0	0.1	0.0	932.87	700.00
8.190	5800.	2085.7	3.3	0.1	0.0	1021.12	700.00
8.190	7600.	2087.1	2.5	0.1	0.0	1059.92	700.00
8.190	13500.	2091.7	4.6	0.1	0.0	1107.77	700.00
8.190	3000.	2082.3	0.0	0.0	0.0	933.06	40.00
8.190	5800.	2085.2	3.3	0.0	0.0	1024.23	40.00
8.190	7600.	2087.2	2.5	0.0	0.0	1060.06	40.00
8.190	13500.	2091.8	4.6	0.0	0.0	1107.88	40.00

M5

SEGRD	Q	CWSEL	DIFWSP	DIFMSX	DIFRMS	TOTWID	ALH
8.190	3000.	2082.3	0.0	0.0	0.0	784.16	5.00
8.190	5800.	2085.6	3.3	0.0	0.0	976.05	5.00
8.190	7600.	2087.2	1.3	0.0	0.0	1060.06	5.00
8.190	13500.	2091.8	4.6	0.0	0.0	1107.88	5.00
8.190	3000.	2082.3	0.0	0.0	0.0	784.29	30.00
8.190	5600.	2085.6	3.3	0.0	0.0	976.21	30.00
8.190	7600.	2087.2	1.3	0.0	0.0	1060.09	30.00
8.190	13500.	2091.8	4.6	0.0	0.0	1107.90	30.00
8.190	3000.	2082.3	0.0	0.0	0.0	934.29	5.00
8.190	5800.	2085.6	3.3	0.0	0.0	1044.29	5.00
8.190	7600.	2087.2	1.3	0.0	0.0	1060.13	5.00
8.190	13500.	2091.8	4.6	0.0	0.0	1107.92	5.00
8.190	3000.	2082.3	0.0	0.0	0.0	934.40	10.00
8.190	5600.	2085.6	3.3	0.0	0.0	1044.38	10.00
8.190	7600.	2087.2	1.3	0.0	0.0	1060.20	10.00
8.190	13500.	2091.8	4.6	0.0	0.0	1107.97	10.00
8.350	2900.	2082.5	0.0	0.2	0.0	956.71	805.00
8.350	5600.	2085.8	1.3	0.1	0.0	1034.09	805.00
8.350	7550.	2087.3	0.6	0.1	0.0	1036.13	805.00
8.350	13500.	2091.8	4.6	0.1	0.0	1128.95	805.00
8.370	2900.	2082.6	0.0	0.0	0.0	767.28	145.00
8.370	5600.	2085.8	3.2	0.0	0.0	1014.30	145.00
8.370	7550.	2087.3	1.3	0.0	0.0	1036.39	145.00
8.370	13500.	2091.9	4.6	0.0	0.0	1131.68	145.00
8.530	2800.	2082.7	0.0	1.0	0.0	485.51	700.00
8.530	5700.	2086.4	2.2	0.8	0.0	734.18	700.00
8.530	7500.	2087.8	1.4	0.3	0.0	957.86	700.00
8.530	13300.	2092.1	4.3	0.3	0.0	1050.48	700.00
8.530	2800.	2083.6	0.0	0.0	0.0	487.65	40.00
8.530	5700.	2086.5	2.2	0.0	0.0	739.03	40.00
8.530	7500.	2087.8	1.4	0.0	0.0	958.68	40.00
8.530	13300.	2092.2	4.3	0.0	0.0	1050.64	40.00
8.530	2800.	2083.1	0.0	0.5	0.0	166.50	5.00
8.530	5700.	2087.1	3.0	0.4	0.0	171.23	5.00
8.530	7500.	2087.5	1.4	0.6	0.0	179.94	5.00
8.530	13300.	2091.5	4.1	0.6	0.0	220.00	5.00
8.530	2800.	2083.7	0.0	0.7	0.0	170.37	30.00
8.530	5700.	2086.3	2.9	0.3	0.0	172.39	30.00
8.530	7500.	2087.8	1.3	0.3	0.0	181.32	30.00
8.530	13300.	2092.2	4.3	0.6	0.0	220.00	30.00
8.530	2800.	2084.5	0.0	0.8	0.0	922.62	5.00
8.530	5700.	2087.2	1.7	0.8	0.0	1044.98	5.00
8.530	7500.	2088.6	1.3	0.8	0.0	1061.76	5.00
8.530	13300.	2093.6	5.0	1.4	0.0	1203.89	5.00

SECNO	Q	CVSEL	DIFWSP	DIFWSX	DIFWS	TOPWID	ALLH
8.530	2800.	2084.5	0.0	0.0	0.0	922.30	10.00
8.530	5700.	2087.2	2.7	0.0	0.0	1046.10	10.00
8.530	7500.	2088.6	1.5	0.0	0.0	1081.79	10.00
8.530	13300.	2093.6	5.0	0.0	0.0	1203.89	10.00
8.760	2800.	2084.9	0.0	0.4	0.0	1064.85	1250.00
8.760	5700.	2087.4	2.5	0.3	0.0	1170.95	1250.00
8.760	7400.	2088.8	1.4	0.2	0.0	1197.40	1250.00
8.760	13200.	2093.7	4.9	0.1	0.0	1337.18	1250.00
8.790	2800.	2085.0	0.0	0.0	0.0	1076.69	110.00
8.790	5700.	2087.4	2.5	0.0	0.0	1171.39	110.00
8.790	7400.	2088.8	1.4	0.0	0.0	1198.03	110.00
8.790	13200.	2093.7	4.9	0.0	0.0	1337.33	110.00
8.790	2800.	2084.9	0.0	-0.0	0.0	381.82	40.00
8.790	5700.	2087.4	2.5	-0.0	0.0	595.03	40.00
8.790	7400.	2088.8	1.4	-0.0	0.0	646.65	40.00
8.790	13200.	2093.7	4.9	-0.0	0.0	802.46	40.00
8.790	2800.	2084.8	0.0	-0.1	0.0	376.53	5.00
8.790	5700.	2087.4	2.5	-0.0	0.0	595.15	5.00
8.790	7400.	2088.8	1.4	-0.0	0.0	646.71	5.00
8.790	13200.	2093.7	4.9	0.0	0.0	802.48	5.00
8.790	2800.	2085.2	0.0	0.3	0.0	397.74	30.00
8.790	5700.	2087.5	2.4	0.1	0.0	600.38	30.00
8.790	7400.	2088.9	1.3	0.1	0.0	649.43	30.00
8.790	13200.	2093.7	4.8	0.0	0.0	803.07	30.00
8.790	2800.	2085.3	0.0	0.2	0.0	404.72	5.00
8.790	5700.	2087.6	2.3	0.0	0.0	601.55	5.00
8.790	7400.	2088.9	1.3	0.0	0.0	650.03	5.00
8.790	13200.	2093.7	4.8	0.0	0.0	803.37	5.00
8.790	2800.	2085.4	0.0	0.1	0.0	725.58	10.00
8.790	5700.	2087.7	2.3	0.1	0.0	922.41	10.00
8.790	7400.	2089.0	1.3	0.1	0.0	969.91	10.00
8.790	13200.	2093.7	4.8	0.1	0.0	1122.06	10.00
8.950	2800.	2085.6	0.0	0.2	0.0	1190.06	800.00
8.950	5700.	2087.9	2.2	0.2	0.0	1531.57	800.00
8.950	7400.	2089.1	1.3	0.2	0.0	1590.73	800.00
8.950	13100.	2093.8	4.7	0.1	0.0	1667.00	800.00
9.070	2700.	2085.7	0.0	0.1	0.0	112.08	560.00
9.070	5700.	2087.9	2.2	0.0	0.0	859.04	560.00
9.070	7300.	2089.2	1.3	0.1	0.0	953.62	560.00
9.070	13000.	2093.9	4.7	0.0	0.0	1000.00	560.00
9.070	2700.	2085.8	0.0	0.1	0.0	112.27	40.00
9.070	5700.	2088.0	2.2	0.1	0.0	886.27	40.00
9.070	7300.	2089.3	1.2	0.1	0.0	957.43	40.00
9.070	13000.	2093.9	4.6	0.0	0.0	1000.00	40.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFWIS	TOPWID	ALLH
9.070	2700.	2085.8	0.0	0.0	0.0	173.32	5.00
9.070	5700.	2088.2	2.4	0.2	0.0	879.77	5.00
9.070	7300.	2089.4	1.1	0.1	0.0	879.92	5.00
9.070	13000.	2093.9	4.5	0.0	0.0	1000.00	5.00
9.070	2700.	2085.9	0.0	0.1	0.0	174.08	60.00
9.070	5700.	2088.5	2.6	0.2	0.0	879.80	60.00
9.070	7300.	2089.5	1.0	0.1	0.0	879.93	60.00
9.070	13000.	2093.9	4.4	0.0	0.0	1000.00	60.00
9.070	2700.	2085.9	0.0	-0.0	0.0	112.51	5.00
9.070	5700.	2088.4	2.5	-0.0	0.0	908.61	5.00
9.070	7300.	2089.5	1.1	-0.0	0.0	879.57	5.00
9.070	13000.	2093.9	4.4	-0.0	0.0	1000.00	5.00
9.070	2700.	2085.9	0.0	0.0	0.0	112.52	10.00
9.070	5700.	2088.4	2.5	0.0	0.0	909.95	10.00
9.070	7300.	2089.5	1.1	0.0	0.0	970.48	10.00
9.070	13000.	2093.9	4.4	0.0	0.0	1000.00	10.00
9.090	2700.	2085.9	0.0	0.0	0.0	79.14	90.00
9.090	5700.	2088.5	2.6	0.1	0.0	948.69	90.00
9.090	7300.	2089.6	1.0	0.1	0.0	1028.38	90.00
9.090	13000.	2093.9	4.4	0.0	0.0	1100.00	90.00
9.200	2700.	2086.8	0.0	0.9	0.0	137.02	600.00
9.200	5600.	2089.2	2.3	0.6	0.0	479.81	600.00
9.200	7300.	2090.0	0.8	0.4	0.0	499.81	600.00
9.200	13000.	2094.0	4.0	0.0	0.0	701.70	600.00
9.210	2700.	2086.9	0.0	0.1	0.0	265.81	20.00
9.210	5600.	2089.3	2.4	0.1	0.0	435.05	20.00
9.210	7300.	2090.1	0.8	0.1	0.0	506.83	20.00
9.210	13000.	2094.0	3.9	0.0	0.0	642.92	20.00
9.210	2700.	2087.0	0.0	0.1	0.0	280.92	30.00
9.210	5600.	2089.3	2.4	0.1	0.0	486.36	30.00
9.210	7300.	2090.1	0.8	0.1	0.0	510.23	30.00
9.210	13000.	2094.0	3.9	0.0	0.0	643.39	30.00
9.210	2700.	2087.0	0.0	0.0	0.0	204.02	5.00
9.210	5600.	2089.4	2.5	0.1	0.0	449.67	5.00
9.210	7300.	2090.2	0.8	0.1	0.0	450.70	5.00
9.210	13000.	2094.1	3.8	0.0	0.0	662.53	5.00
9.210	2700.	2087.0	0.0	0.0	0.0	205.63	30.00
9.210	5600.	2089.6	2.6	0.1	0.0	479.85	30.00
9.210	7300.	2090.4	0.8	0.1	0.0	450.87	30.00
9.210	13000.	2094.1	3.7	0.0	0.0	662.58	30.00
9.210	2700.	2087.1	0.0	0.1	0.0	286.78	5.00
9.210	5600.	2089.6	2.5	-0.0	0.0	471.65	5.00
9.210	7300.	2090.4	0.8	-0.0	0.0	524.82	5.00
9.210	13000.	2094.1	3.7	-0.0	0.0	665.69	5.00

SEONO	Q	CWSEL	DIFWSP	DIFWSX	DIFWKS	TOPWID	ALCH
9.210	2700.	2087.1	0.0	0.0	0.0	286.84	10.00
9.210	5000.	2089.6	2.5	0.0	0.0	492.14	10.00
9.210	7300.	2090.4	0.8	0.0	0.0	526.25	10.00
9.210	13000.	2094.1	3.7	0.0	0.0	645.77	10.00
9.330	2700.	2088.3	0.0	1.2	0.0	629.20	580.00
9.330	5600.	2090.5	2.2	0.9	0.0	800.10	580.00
9.330	7300.	2091.3	0.3	0.9	0.0	805.41	580.00
9.330	12900.	2094.6	3.3	0.5	0.0	834.81	580.00
9.600	2700.	2089.6	0.0	1.2	0.0	590.71	1540.00
9.600	5600.	2091.6	2.0	1.0	0.0	633.15	1540.00
9.600	7300.	2092.4	0.8	1.1	0.0	645.94	1540.00
9.600	12800.	2095.3	3.0	0.7	0.0	662.40	1540.00
9.870	2700.	2090.2	0.0	0.7	0.0	1133.21	1150.00
9.870	5500.	2092.1	1.9	0.6	0.0	1468.11	1150.00
9.870	7100.	2092.9	0.8	0.5	0.0	1558.08	1150.00
9.870	12700.	2095.7	2.8	0.4	0.0	1754.32	1150.00
9.870	2700.	2090.3	0.0	0.0	0.0	1140.23	50.00
9.870	5500.	2092.1	1.9	0.0	0.0	1470.91	50.00
9.870	7100.	2092.9	0.8	0.0	0.0	1560.80	50.00
9.870	12700.	2095.7	2.8	0.0	0.0	1755.80	50.00
9.870	2700.	2090.3	0.0	0.0	0.0	731.28	30.00
9.870	5500.	2092.9	2.6	0.7	0.0	1039.30	30.00
9.870	7100.	2093.4	0.6	0.5	0.0	1049.77	30.00
9.870	12700.	2095.9	2.5	0.2	0.0	1180.46	30.00
9.870	2700.	2090.4	0.0	0.1	0.0	484.92	10.00
9.870	5500.	2092.9	2.5	0.0	0.0	1039.37	10.00
9.870	7100.	2093.4	0.6	0.0	0.0	1070.02	10.00
9.870	12700.	2095.9	2.5	0.0	0.0	1160.59	10.00
10.050	2200.	2092.7	0.0	2.3	0.0	674.41	900.00
10.050	4500.	2094.0	1.3	1.1	0.0	685.32	900.00
10.050	6000.	2094.6	0.6	1.2	0.0	690.32	900.00
10.050	10500.	2096.7	2.1	0.7	0.0	707.82	900.00
10.280	2200.	2094.3	0.0	1.6	0.0	737.60	1200.00
10.280	4400.	2095.8	1.5	1.8	0.0	773.79	1200.00
10.280	5900.	2096.5	0.7	1.9	0.0	792.15	1200.00
10.280	10400.	2098.5	2.0	1.8	0.0	839.58	1200.00
10.610	2100.	2096.9	0.0	2.6	0.0	368.78	1660.00
10.610	4300.	2098.2	1.3	2.4	0.0	1047.42	1660.00
10.610	5800.	2099.0	0.7	2.4	0.0	1072.37	1660.00
10.610	10100.	2100.8	1.8	2.3	0.0	1128.95	1660.00
10.910	2000.	2099.2	0.0	2.4	0.0	1005.49	1560.00
10.910	4200.	2100.4	1.1	2.2	0.0	1040.68	1560.00
10.910	5600.	2101.0	0.6	2.0	0.0	1056.72	1560.00
10.910	10000.	2102.6	1.6	1.8	0.0	1097.56	1560.00

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SECNO	Q	CUSEL	DIFMSP	DIFMSX	DIFKUS	TOPMID	ALCH
11.310	2000.	2102.9	0.0	3.7	0.0	392.25	2150.00
11.310	4200.	2104.4	1.4	2.0	0.0	541.39	2150.00
11.310	5500.	2104.9	0.5	3.9	0.0	554.76	2150.00
11.310	5700.	2106.3	1.4	3.7	0.0	583.40	2150.00
11.770	1900.	2107.1	0.0	4.1	0.0	752.87	2350.00
11.770	4000.	2108.5	1.4	4.3	0.0	848.27	2350.00
11.770	5200.	2109.1	0.6	4.3	0.0	869.75	2350.00
11.770	9400.	2110.6	1.5	4.3	0.0	981.64	2350.00
11.770	1900.	2107.1	0.0	0.1	0.0	756.97	40.00
11.770	4000.	2108.5	1.4	0.0	0.0	851.29	40.00
11.770	5200.	2109.1	0.6	0.9	0.0	871.90	40.00
11.770	9400.	2110.6	1.5	0.0	0.0	982.97	40.00
11.770	1900.	2107.5	0.0	0.3	0.0	777.67	30.00
11.770	4000.	2108.8	1.2	0.3	0.0	860.15	30.00
11.770	5200.	2109.3	0.5	0.2	0.0	882.79	30.00
11.770	9400.	2110.9	1.5	0.2	0.0	990.45	30.00
11.770	1900.	2107.5	0.0	0.0	0.0	778.31	10.00
11.770	4000.	2108.8	1.3	0.0	0.0	860.42	10.00
11.770	5200.	2109.3	0.6	0.0	0.0	883.38	10.00
11.770	9400.	2110.9	1.5	0.0	0.0	990.74	10.00
11.970	1800.	2108.7	0.0	1.2	0.0	602.84	1100.00
11.970	3800.	2109.9	1.3	1.2	0.0	641.34	1100.00
11.970	5000.	2110.5	0.6	1.2	0.0	648.14	1100.00
11.970	9200.	2112.1	1.6	1.2	0.0	826.88	1100.00
12.140	1770.	2110.4	0.0	1.7	0.0	448.18	800.00
12.140	3700.	2111.7	1.3	1.8	0.0	624.28	800.00
12.140	4870.	2112.3	0.6	1.8	0.0	678.98	800.00
12.140	8730.	2113.6	1.5	1.8	0.0	718.84	800.00
12.140	1770.	2110.6	0.0	0.2	0.0	495.40	60.00
12.140	3700.	2111.9	1.3	0.2	0.0	668.72	60.00
12.140	4870.	2112.5	0.6	0.2	0.0	683.31	60.00
12.140	8730.	2114.0	1.5	0.1	0.0	722.63	60.00
12.140	1770.	2110.6	0.0	0.0	0.0	488.72	1.00
12.140	3700.	2111.5	1.4	0.0	0.0	669.66	1.00
12.140	4870.	2112.5	0.6	0.1	0.0	684.69	1.00
12.140	8730.	2114.0	1.5	0.0	0.0	723.55	1.00
12.140	1770.	2110.8	0.0	0.3	0.0	533.95	40.00
12.140	3700.	2112.7	1.4	0.3	0.0	676.23	40.00
12.140	4870.	2112.7	0.5	0.2	0.0	690.36	40.00
12.140	8730.	2114.2	1.4	0.2	0.0	728.06	40.00
12.140	1770.	2110.9	0.0	0.0	0.0	544.25	1.00
12.140	3700.	2112.2	1.3	0.0	0.0	676.19	1.00
12.140	4870.	2112.7	0.5	0.0	0.0	690.27	1.00
12.140	8730.	2114.2	1.4	0.0	0.0	728.01	1.00

SECD	Q	CASEL	DIFNSP	DIFMSX	DIFKUS	TOPAID	ALH
12.200	1760.	2111.5	0.0	0.6	0.0	343.43	500.00
12.200	3650.	2112.3	1.3	0.6	0.0	672.13	500.00
12.200	4800.	2113.3	0.5	0.6	0.0	702.87	500.00
12.200	8690.	2114.8	1.4	0.6	0.0	786.03	500.00
12.590	1600.	2115.1	0.0	3.6	0.0	360.30	2200.00
12.590	3330.	2117.0	1.9	4.2	0.0	532.46	2400.00
12.590	4330.	2117.7	0.7	4.7	0.0	542.72	2200.00
12.590	8000.	2119.4	1.8	4.7	0.0	576.64	2200.00
12.770	4530.	2117.7	0.0	2.7	0.0	118.20	900.00
12.770	3200.	2119.3	1.5	2.3	0.0	441.47	900.00
12.770	4200.	2119.9	0.6	2.2	0.0	493.61	900.00
12.770	7700.	2121.5	1.7	2.1	0.0	547.80	900.00
12.770	1530.	2117.9	0.0	0.2	0.0	50.67	60.00
12.770	3200.	2119.2	1.3	0.1	0.0	63.18	40.00
12.770	4200.	2120.4	1.2	0.5	0.0	323.06	60.00
12.770	7700.	2121.8	1.4	0.5	0.0	494.25	60.00
12.770	1530.	2117.9	0.0	-0.0	0.0	50.69	1.00
12.770	3200.	2119.3	1.3	0.2	0.0	63.18	1.00
12.770	4200.	2119.9	0.8	0.2	0.0	126.35	1.00
12.770	7700.	2122.3	2.4	0.6	0.0	490.20	1.00
12.770	1530.	2118.1	0.0	0.3	0.0	51.63	40.00
12.770	3200.	2120.8	2.7	1.7	0.0	231.41	40.00
12.770	4200.	2121.6	3.5	1.9	0.0	302.77	40.00
12.770	7700.	2124.2	3.5	1.9	0.0	302.77	40.00
12.770	1530.	2118.3	0.0	0.0	0.0	51.65	1.00
12.770	3200.	2121.6	3.4	0.2	0.0	432.90	1.00
12.770	4200.	2121.6	2.9	0.3	0.0	432.90	1.00
12.770	7700.	2124.5	2.9	0.3	0.0	618.12	1.00
12.770	1530.	2118.7	0.0	0.5	0.0	695.07	15.00
12.770	3200.	2121.4	2.7	0.1	0.0	789.75	15.00
12.770	4200.	2121.7	0.3	0.1	0.0	798.79	15.00
12.770	7700.	2124.6	2.9	0.1	0.0	909.95	15.00
12.950	1460.	2119.8	0.0	1.1	0.0	307.84	1000.00
12.950	3090.	2122.0	2.2	0.8	0.0	637.31	1000.00
12.950	4020.	2122.5	2.5	0.8	0.0	708.88	1000.00
12.950	7410.	2125.1	2.7	0.8	0.0	799.85	1000.00
13.270	1080.	2125.1	0.0	5.3	0.0	330.95	1700.00
13.270	2210.	2126.3	1.1	4.3	0.0	505.65	1700.00
13.270	2950.	2126.8	0.6	4.4	0.0	606.58	1700.00
13.270	5400.	2128.0	1.2	2.9	0.0	926.55	1700.00
13.930	980.	2137.0	0.0	11.8	0.0	223.07	3600.00
13.930	2080.	2138.2	1.3	12.9	0.0	413.46	3600.00
13.930	2760.	2138.6	0.3	11.9	0.0	733.34	3600.00
13.930	5090.	2139.7	1.1	11.6	0.0	760.34	3600.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	ALCH
14.030	970.	2138.4	0.0	1.5	0.0	728.58	400.00
14.030	2070.	2139.2	0.8	1.0	0.0	752.35	400.00
14.030	2730.	2139.6	0.4	1.0	0.0	759.34	400.00
14.030	5040.	2140.6	1.0	1.0	0.0	779.12	400.00
14.030	970.	2138.0	0.0	-0.4	0.0	84.46	60.00
14.030	2070.	2139.2	1.2	-0.0	0.0	489.31	60.00
14.030	2730.	2139.7	0.4	0.1	0.0	577.05	60.00
14.030	5040.	2140.7	1.1	0.1	0.0	727.23	60.00
14.030	970.	2139.6	0.0	1.6	0.0	568.40	40.00
14.030	2070.	2140.1	0.5	0.9	0.0	672.16	40.00
14.030	2730.	2140.4	0.3	0.7	0.0	695.07	40.00
14.030	5040.	2141.2	0.8	0.5	0.0	747.20	40.00
14.030	970.	2139.7	0.0	0.0	0.0	738.33	10.00
14.030	2070.	2140.2	0.5	0.1	0.0	750.85	10.00
14.030	2730.	2140.4	0.3	0.1	0.0	756.12	10.00
14.030	5040.	2141.3	0.9	0.1	0.0	772.81	10.00
14.080	970.	2139.8	0.0	0.2	0.0	166.49	250.00
14.080	2070.	2140.5	0.7	0.3	0.0	410.80	250.00
14.080	2730.	2140.9	0.4	0.5	0.0	527.79	250.00
14.080	5040.	2142.0	1.1	0.7	0.0	643.64	250.00
14.500	850.	2147.9	0.0	8.1	0.0	146.18	2220.00
14.500	1800.	2149.7	1.8	9.2	0.0	576.52	2220.00
14.500	2380.	2150.1	0.5	9.2	0.0	641.16	2220.00
14.500	4450.	2151.2	1.0	9.2	0.0	729.80	2220.00
14.960	620.	2157.5	0.0	9.6	0.0	96.84	2480.00
14.960	1360.	2158.1	0.7	8.5	0.0	289.84	2480.00
14.960	1720.	2158.4	0.3	8.3	0.0	316.25	2480.00
14.960	3370.	2159.6	1.1	8.4	0.0	624.05	2480.00
14.960	620.	2157.7	0.0	0.3	0.0	255.92	60.00
14.960	1360.	2158.7	1.0	0.6	0.0	364.99	60.00
14.960	1720.	2159.0	0.3	0.6	0.0	587.16	60.00
14.960	3370.	2160.0	1.0	0.5	0.0	690.72	60.00
14.960	620.	2157.7	0.0	0.0	0.0	255.86	40.00
14.960	1360.	2158.7	1.0	0.0	0.0	363.62	40.00
14.960	1720.	2161.1	2.3	2.0	0.0	791.63	40.00
14.960	3370.	2162.4	1.3	2.4	0.0	851.99	40.00
14.960	620.	2157.8	0.0	0.1	0.0	259.84	15.00
14.960	1360.	2158.8	1.0	0.1	0.0	426.06	15.00
14.960	1720.	2161.1	2.3	0.0	0.0	791.43	15.00
14.960	3370.	2162.4	1.3	0.0	0.0	851.83	15.00

SUMMARY OF ERRORS

CAUTION SECNO= 2.450 PROFILE= 4 HYDRAULIC JUMP D.S.

CAUTION SECNO= 12.770 PROFILE= 4 CRITICAL DEPTH ASSUMED
 CAUTION SECNO= 12.770 PROFILE= 4 MINIMUM SPECIFIC ENERGY

H16

MUD CREEK

HENDERSON CO., N.C.
 500-YEAR FLOOD 100-YEAR FLOOD 50-YEAR FLOOD 10-YEAR FLOOD

MILE	Q	ELEV	Q	ELEV	Q	ELEV	Q	ELEV
0.430	36500.	2061.1	21800.	2057.8	17000.	2056.5	8600.	2053.8
0.530	36700.	2061.5	21700.	2058.2	16900.	2057.0	8600.	2057.2
0.530	36700.	2062.9	21700.	2060.3	16900.	2059.1	8600.	2055.3
0.920	36500.	2063.9	21600.	2061.0	16800.	2059.7	8550.	2056.1
1.300	36400.	2065.3	21400.	2062.3	16600.	2061.0	8500.	2057.9
1.680	36200.	2066.2	21200.	2063.1	16500.	2061.8	8500.	2058.9
1.680	36200.	2066.6	21200.	2064.0	16500.	2062.7	8500.	2059.2
1.980	36000.	2067.1	21100.	2064.3	16400.	2063.1	8500.	2059.6
2.150	36000.	2067.3	21100.	2064.5	16300.	2063.2	8400.	2059.8
2.450	34800.	2067.6	20600.	2064.8	16000.	2063.6	8200.	2060.8
2.450	34800.	2068.1	20600.	2065.4	16000.	2065.9	8200.	2062.1
2.660	34700.	2068.5	20400.	2066.7	15900.	2066.1	8100.	2062.6
2.980	34500.	2069.2	20200.	2067.2	15800.	2066.5	8000.	2063.3
3.590	34200.	2072.7	20000.	2070.1	15500.	2069.2	7900.	2066.8
3.590	34200.	2072.8	20000.	2070.3	15500.	2069.4	7900.	2067.0
3.730	34000.	2073.6	19900.	2070.9	15400.	2069.8	7800.	2067.3
4.100	33900.	2075.8	19700.	2072.6	15300.	2071.3	7750.	2068.5
4.420	33700.	2077.2	19700.	2073.8	15200.	2072.4	7700.	2069.4
4.780	33600.	2078.5	19600.	2075.1	15200.	2073.8	7700.	2071.0
4.970	33600.	2079.7	19600.	2076.3	15200.	2074.9	7700.	2072.1
5.030	33600.	2079.9	19500.	2076.5	15200.	2075.1	7700.	2072.3
5.400	33500.	2080.8	19500.	2077.2	15100.	2075.8	7700.	2072.9
5.400	33500.	2081.1	19500.	2077.7	15100.	2076.4	7700.	2073.5
5.760	22700.	2083.1	13100.	2079.4	10100.	2078.0	5100.	2074.8
5.970	22500.	2084.3	13000.	2080.4	10000.	2078.9	5100.	2075.5
6.190	22300.	2084.9	12900.	2081.0	10000.	2079.4	5000.	2076.0

6.230	22300.	2085.0	12900.	2081.0	10000.	2079.4	5000.	2076.0
6.230	22300.	2085.4	12900.	2082.0	10000.	2080.6	5000.	2076.0
6.330	22100.	2085.5	12800.	2082.1	9500.	2080.7	5000.	2076.0
6.590	21800.	2086.3	12600.	2082.8	9800.	2081.3	5000.	2077.1
6.720	21700.	2086.6	12500.	2083.0	9700.	2081.6	5000.	2077.4
6.720	21700.	2087.5	12500.	2083.3	9700.	2081.7	5000.	2077.8
6.860	21700.	2088.0	12500.	2083.9	9600.	2082.2	4800.	2078.4
6.860	21700.	2088.3	12500.	2084.2	9600.	2082.6	4800.	2078.8
7.050	21600.	2089.2	12400.	2085.0	9500.	2083.3	4800.	2079.4
7.330	21500.	2089.7	12400.	2085.4	9500.	2083.7	4700.	2080.0
7.370	21500.	2089.8	12400.	2085.5	9500.	2083.9	4700.	2080.2
7.380	21500.	2089.9	12400.	2085.6	9500.	2084.0	4700.	2080.3
7.530	21500.	2090.1	12300.	2085.8	9500.	2084.2	4700.	2080.6
7.530	21500.	2090.1	12300.	2085.8	9500.	2084.2	4700.	2080.6
7.670	21400.	2090.4	12300.	2086.2	9500.	2084.6	4600.	2081.2
7.740	21400.	2090.6	12300.	2086.4	9500.	2084.9	4600.	2081.5
7.740	21400.	2090.6	12300.	2086.4	9500.	2084.9	4600.	2081.5
7.770	21350.	2090.6	12300.	2086.4	9500.	2084.8	4600.	2081.4
7.770	21350.	2090.6	12300.	2086.5	9500.	2085.0	4600.	2081.7
7.860	21350.	2090.7	12250.	2086.7	9400.	2085.1	4700.	2081.9
7.900	18700.	2090.6	10700.	2086.6	8200.	2085.1	4100.	2081.8
7.900	18700.	2091.6	10700.	2087.0	8200.	2085.4	4100.	2082.1
7.930	13700.	2091.7	7770.	2087.0	5900.	2085.5	2900.	2082.2
8.030	13700.	2091.7	7770.	2087.1	5900.	2085.6	3000.	2082.2
8.190	13500.	2091.7	7600.	2087.1	5800.	2085.6	3000.	2082.3
8.190	13500.	2091.8	7600.	2087.2	5800.	2085.6	3000.	2082.3
8.350	13500.	2091.8	7550.	2087.3	5800.	2085.8	2900.	2082.5
8.370	13500.	2091.9	7550.	2087.3	5800.	2085.8	2900.	2082.6
8.530	13300.	2092.1	7500.	2087.8	5700.	2086.4	2800.	2083.5
8.530	13300.	2093.6	7500.	2088.6	5700.	2087.2	2800.	2084.5

8.760	13200.	2093.7	7400.	2088.8	5700.	2087.4	2800.	2084.9
8.790	13200.	2093.7	7400.	2088.8	5700.	2087.4	2800.	2085.0
8.790	13200.	2093.7	7400.	2089.0	5700.	2087.7	2800.	2085.4
8.950	13100.	2093.8	7400.	2089.1	5700.	2087.9	2800.	2085.6
9.070	13000.	2093.9	7300.	2089.2	5700.	2087.9	2700.	2085.7
9.070	13000.	2093.9	7300.	2089.5	5700.	2088.4	2700.	2085.9
9.090	13000.	2093.9	7300.	2089.6	5700.	2088.5	2700.	2085.9
9.200	13000.	2094.0	7300.	2090.0	5600.	2089.2	2700.	2086.8
9.210	13000.	2094.0	7300.	2090.1	5600.	2089.3	2700.	2086.9
9.210	13000.	2094.1	7300.	2090.4	5600.	2089.6	2700.	2087.1
9.330	12900.	2094.6	7300.	2091.3	5600.	2090.5	2700.	2088.3
9.500	12800.	2095.3	7300.	2092.4	5600.	2091.6	2700.	2089.6
9.870	12700.	2095.7	7100.	2092.9	5500.	2092.1	2700.	2090.2
9.910	12700.	2095.9	7100.	2093.4	5500.	2092.9	2700.	2090.4
10.050	10300.	2096.7	6000.	2094.6	4500.	2094.0	2200.	2092.7
10.220	10400.	2098.5	5900.	2096.5	4400.	2095.8	2200.	2094.3
10.610	10100.	2100.8	5800.	2099.0	4300.	2098.2	2100.	2096.9
10.910	11000.	2102.6	5600.	2101.0	4200.	2100.4	2000.	2099.2
11.310	9700.	2106.3	5500.	2104.9	4200.	2104.4	2000.	2102.9
11.770	9400.	2110.6	5200.	2109.1	4000.	2108.5	1900.	2107.1
11.770	9400.	2110.9	5200.	2109.3	4000.	2108.8	1900.	2107.5
11.970	9200.	2112.1	5000.	2110.5	3800.	2109.9	1800.	2108.7
12.140	8730.	2113.8	4870.	2112.3	3700.	2111.7	1770.	2110.4
12.140	8730.	2114.2	4870.	2112.7	3700.	2112.2	1770.	2110.9
12.200	8690.	2114.8	4800.	2113.3	3650.	2112.8	1760.	2111.5
12.590	8000.	2119.4	4380.	2117.7	3330.	2117.0	1600.	2115.1
12.770	7700.	2121.5	4200.	2119.9	3200.	2119.3	1530.	2117.7
12.770	7700.	2124.6	4200.	2121.7	3200.	2121.4	1530.	2118.2
12.950	7410.	2125.1	4020.	2122.5	3070.	2122.0	1460.	2119.8
13.270	5400.	2128.0	2950.	2126.8	2210.	2126.3	1080.	2125.1

13.930	5090.	2139.7	2760.	2138.6	2080.	2139.2	980.	2137.0
14.030	5040.	2140.6	2730.	2139.6	2070.	2139.2	970.	2138.4
14.030	5040.	2141.3	2730.	2140.4	2070.	2140.3	970.	2139.7
14.080	5040.	2142.0	2730.	2140.9	2070.	2140.5	970.	2139.8
14.500	4450.	2151.2	2380.	2150.1	1800.	2149.7	850.	2147.9
14.960	3370.	2159.6	1720.	2158.4	1360.	2158.1	620.	2157.5
14.960	3370.	2162.4	1720.	2161.1	1360.	2158.8	620.	2157.8