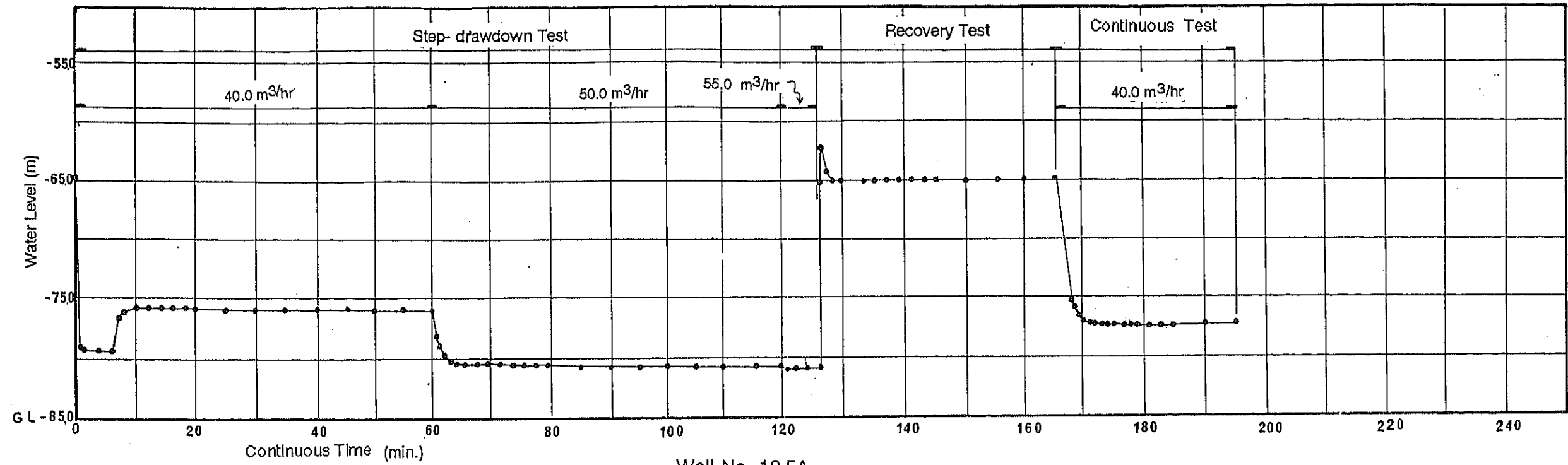
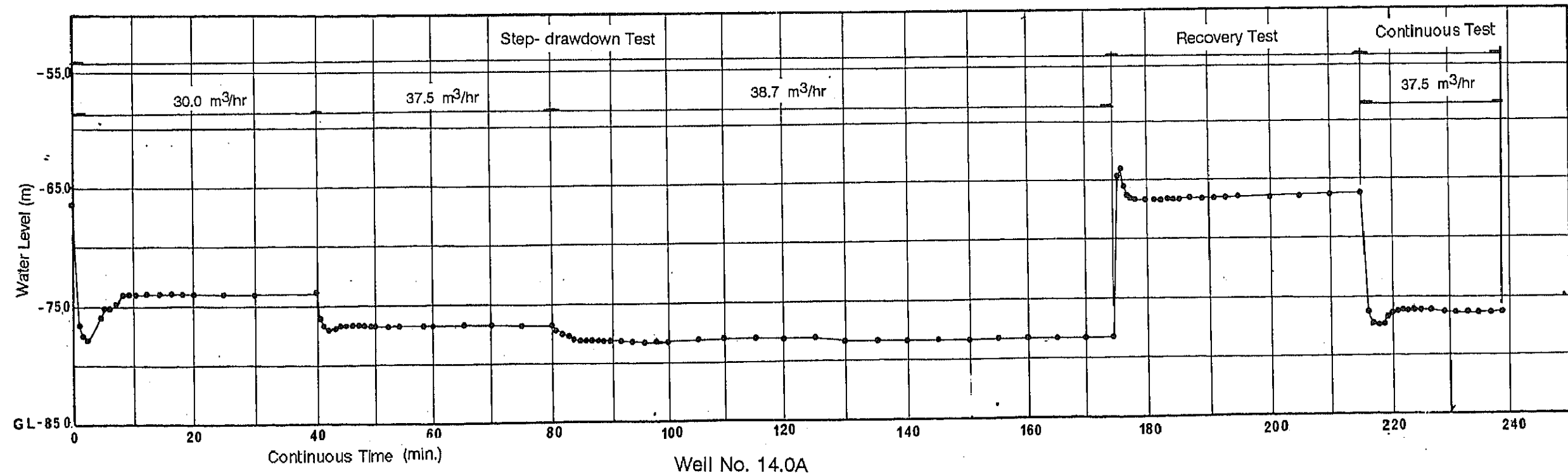


10. RESULTS OF PUMPING TESTS



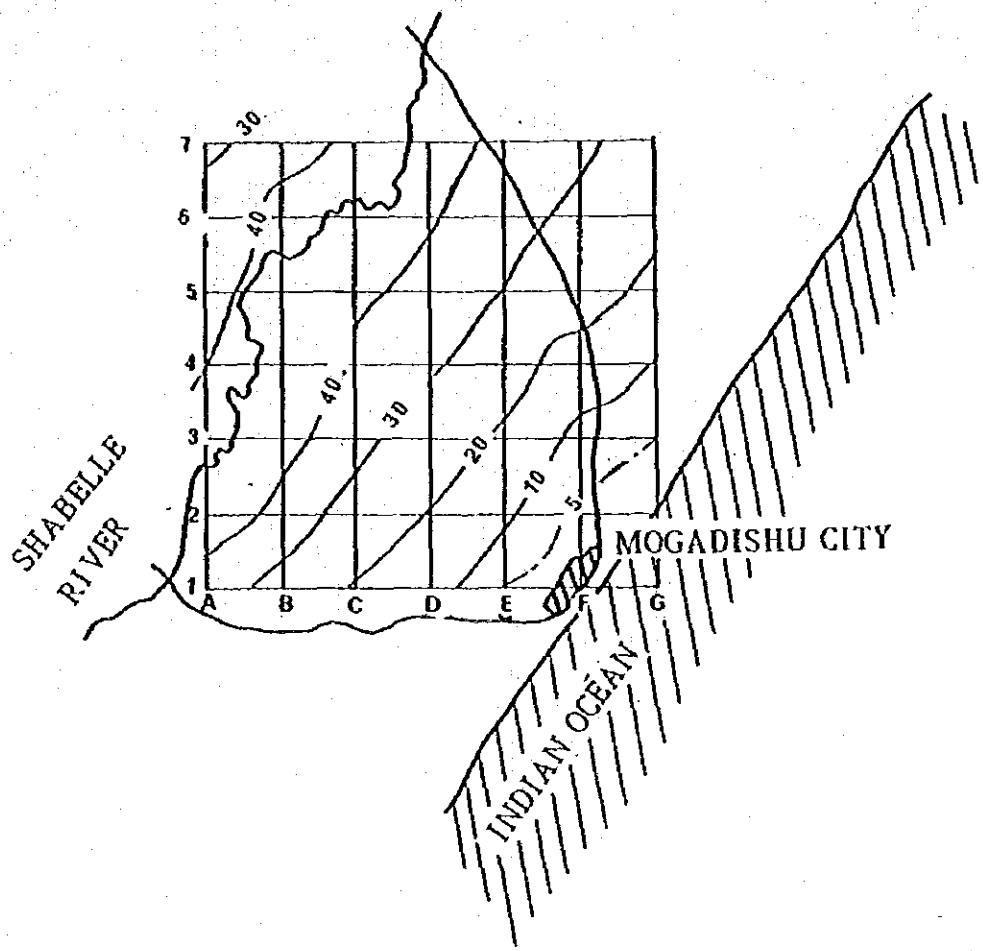
Well No. 12.5A



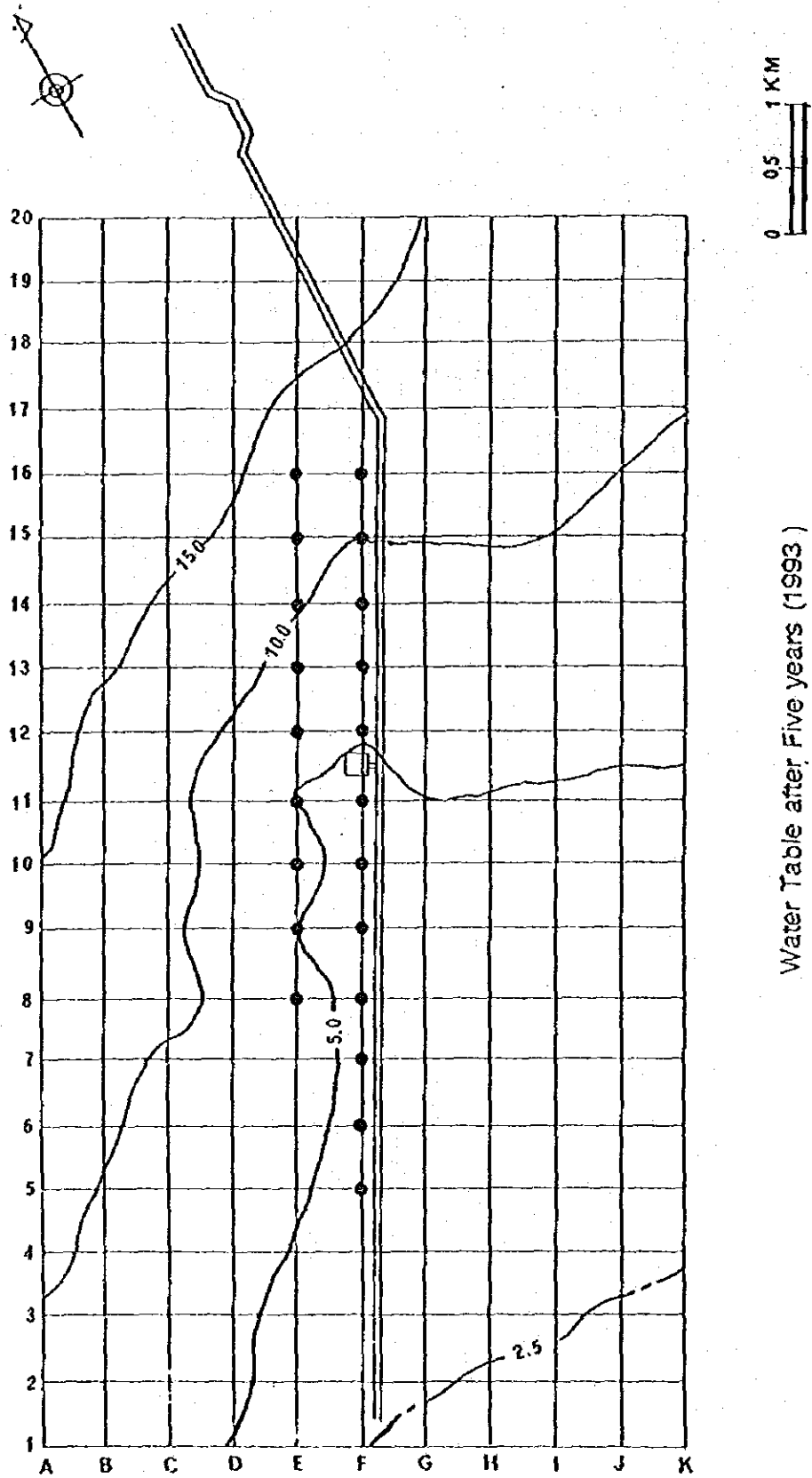
Well No. 14.0A

11. WATER TABLE

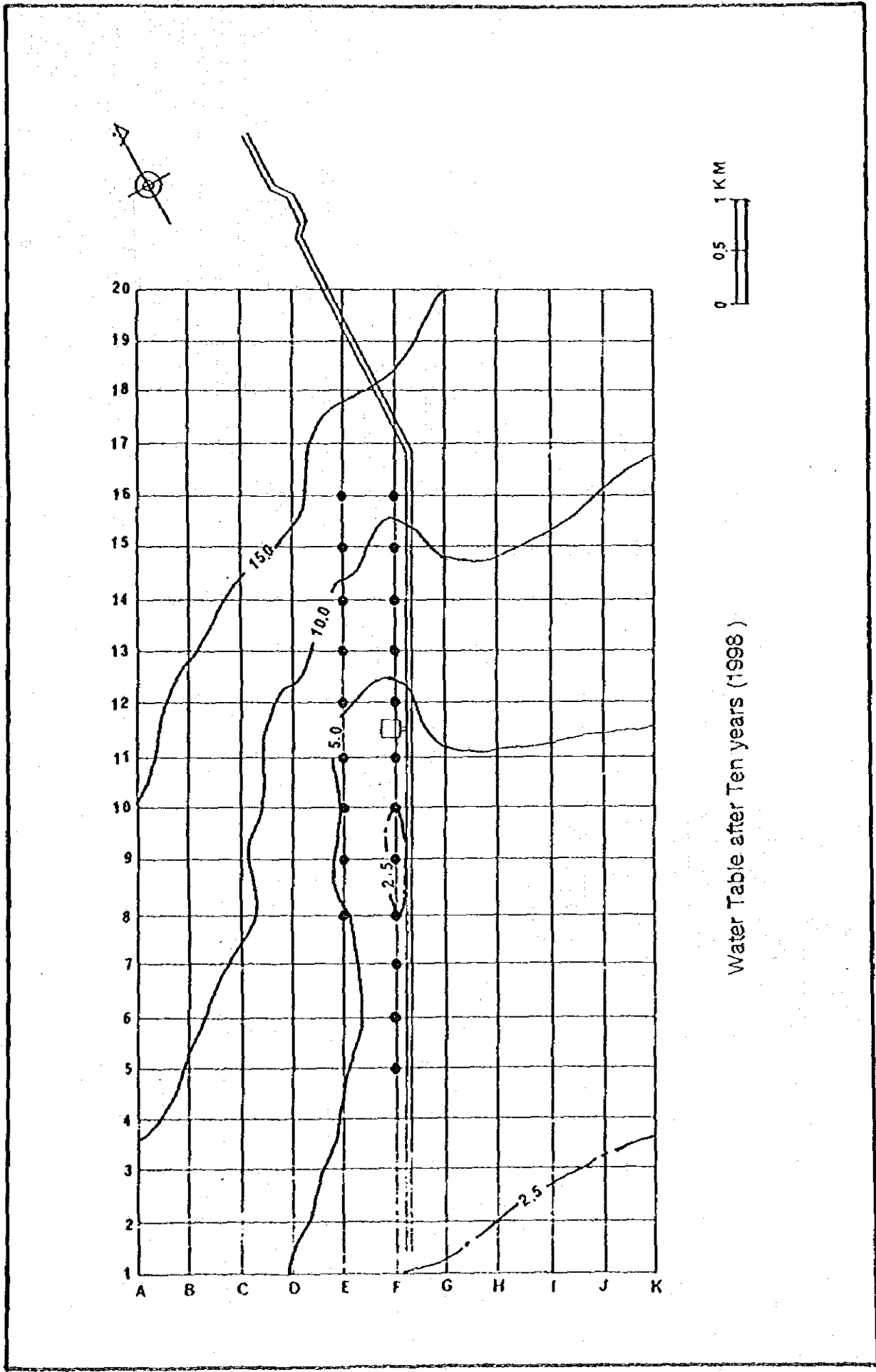
Case-1 Water Table Map in 1983 simulated
on the basis of the data in 1969



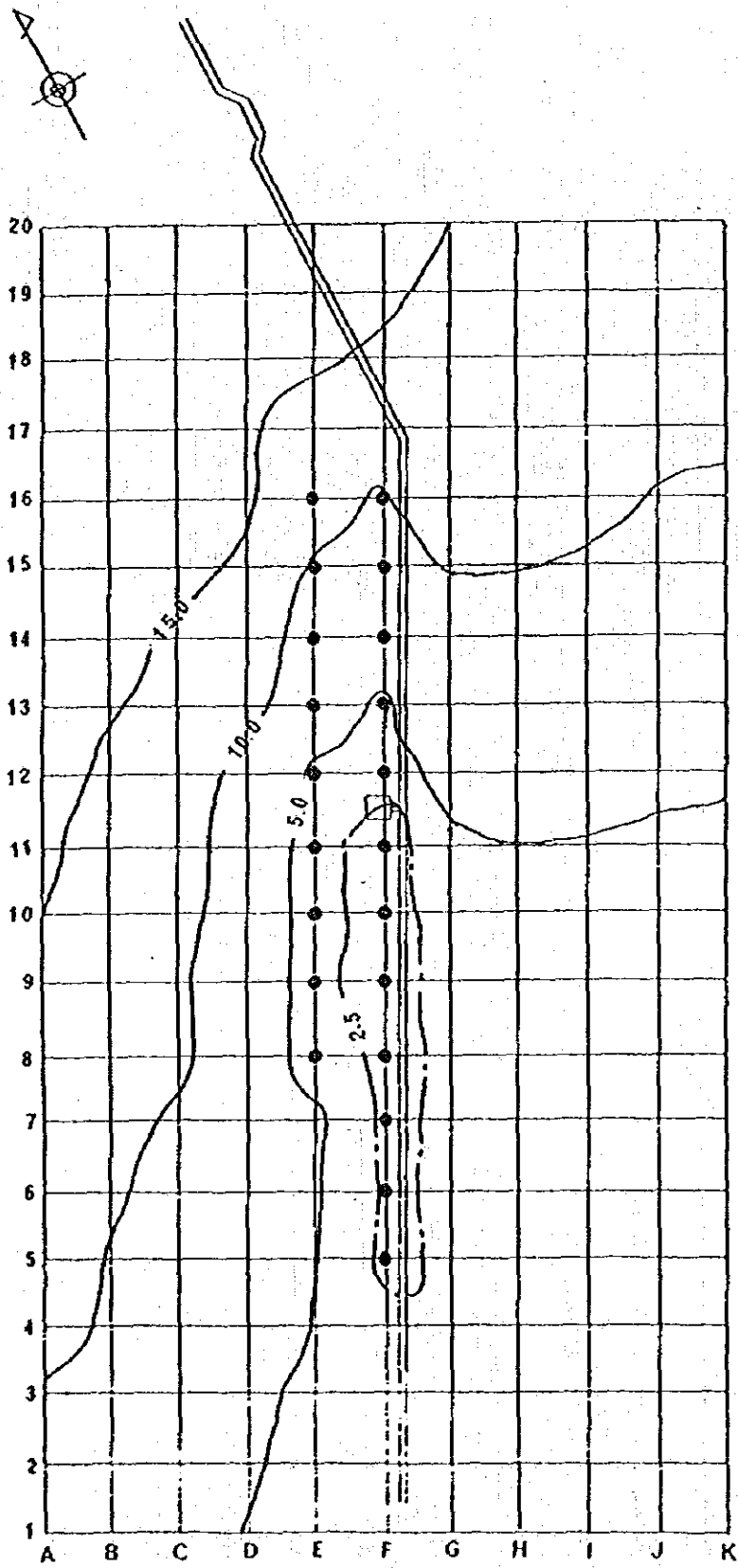
Case-2 Estimated Water Table



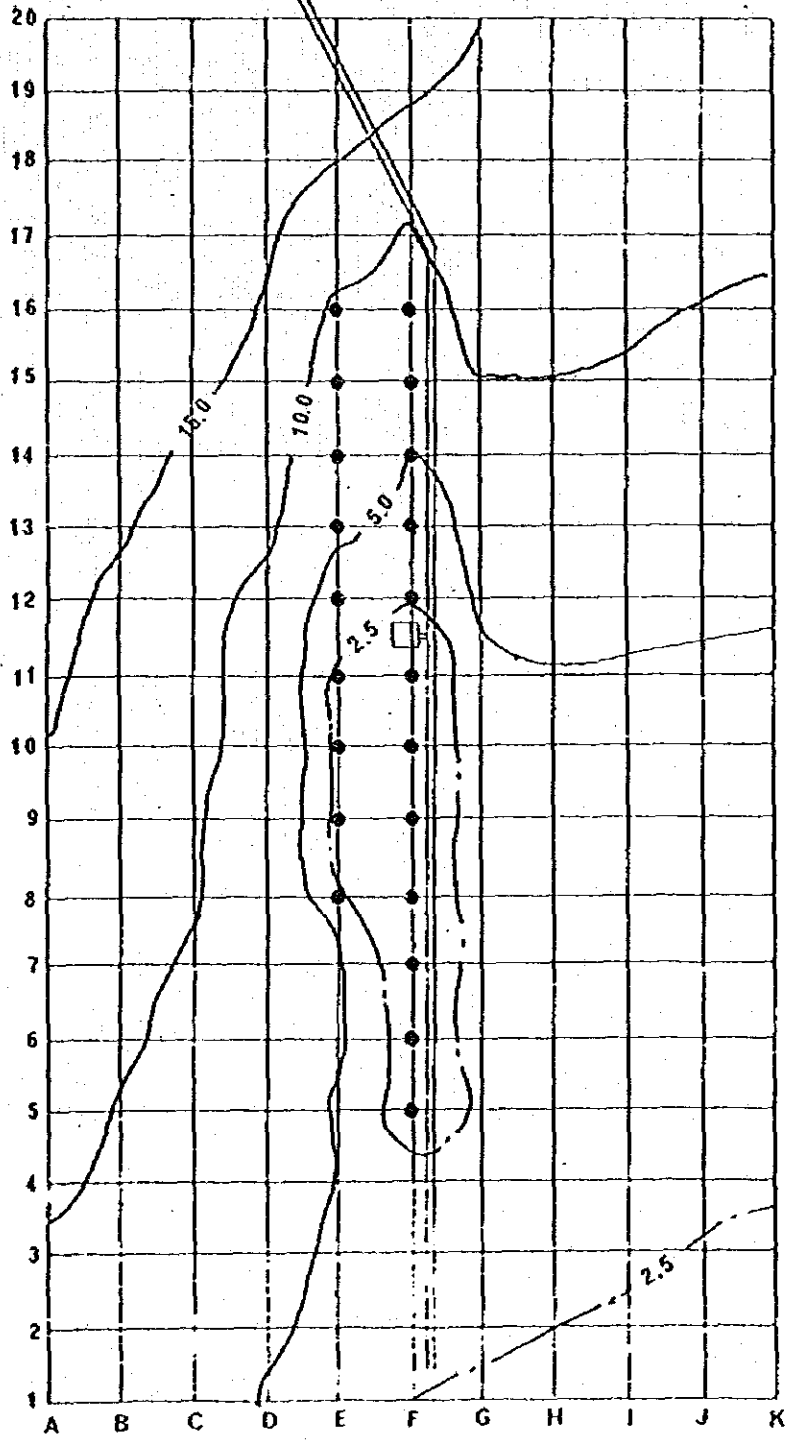
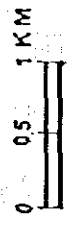
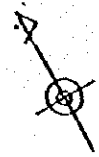
Water Table after Five years (1993)



Water Table after Ten years (1998)



Water Table after Fifteen years (2003)



Water Table after Twenty two years (2010)

12. INPUT DATA FOR WATER SIMULATION

Case-1

```

*****      Initial Parameter      *****
X = 7      Y = 7      DX = 5000 m
Area = 25000000 m^2      TOUSUI = 0.0030

<<<<<<      Calculation Flag      >>>>>>

      2      2      2      2      2      2      1
      2      3      3      3      3      3      1
      2      3      3      3      3      3      1
      2      3      3      3      3      3      1
      2      3      3      3      3      3      1
      1      1      1      1      1      1      1

<<<<<<      Ground Level      >>>>>>

      88.200      86.200      88.100      92.000      162.000      138.000      100.000
      87.600      89.400      89.700      110.000      175.000      120.000      72.000
      88.500      87.000      89.500      116.000      135.000      120.000      40.000
      86.300      84.400      100.000      118.000      115.000      73.200      35.000
      89.300      83.000      100.000      150.000      109.000      75.900      18.000
      85.600      82.300      110.000      140.000      79.400      60.000      0
      83.100      110.000      150.000      100.000      90.000      20.000      0

<<<<<<      Water Bearing Layer      >>>>>>

      188.000      186.000      188.000      192.000      262.000      238.000      200.000
      188.000      189.000      190.000      210.000      275.000      230.000      172.000
      189.000      187.000      190.000      216.000      235.000      220.000      140.000
      186.000      184.000      200.000      218.000      215.000      123.000      85.000
      189.000      183.000      200.000      250.000      159.000      126.000      68.000
      186.000      182.000      210.000      190.000      129.000      110.000      50.000
      183.000      210.000      250.000      150.000      140.000      70.000      50.000

<<<<<<      Water Level      >>>>>>

      29.500      37.500      44.000      46.000      37.500      32.000      25.000
      31.500      42.500      48.000      41.000      34.500      28.000      22.000
      35.000      46.000      43.000      37.000      30.000      24.500      17.500
      40.000      46.000      38.500      32.000      25.000      18.000      10.000
      42.000      42.000      33.000      26.000      20.000      12.000      5.000
      46.000      34.000      26.000      19.000      12.500      4.000      0
      35.000      25.000      19.000      13.000      4.000      1.000      0

<<<<<<      Discharge      >>>>>>

      0      0      0 -1170.000      0      0      0
      0      0 -1170.000 -1170.000      0      0      0
      0 -1170.000      0      0      0      0      0
      0 -1170.000      0      0      0      14000.000      0
      0 -1170.000      0      0      0      14000.000      0
     -1170.000      0      0      0      0      0      0
      0      0      0      0      0      0      0
  
```


<<<<<		Water Bearing Layer		>>>>>	
180.000	166.000	160.000	150.000	146.000	142.000
167.000	164.000	160.000	150.000	137.000	131.000
159.000	149.000	147.000	139.000	140.000	134.000
154.000	146.000	140.000	139.000	136.000	126.000
145.000	150.000	136.000	131.000	126.000	124.000
138.000	135.000	131.000	129.000	127.000	123.000
139.000	137.000	140.000	135.000	127.000	123.000
153.000	151.000	141.000	135.000	126.000	121.000
158.000	146.000	135.000	130.000	124.000	118.000
158.000	146.000	136.000	131.000	122.000	118.000
145.000	138.000	129.000	130.000	125.000	124.000
140.000	140.000	140.000	129.000	126.000	124.000
140.000	140.000	138.000	130.000	130.000	126.000
140.000	140.000	140.000	140.000	136.000	127.000
140.000	140.000	140.000	140.000	137.000	122.000
140.000	140.000	136.000	130.000	130.000	125.000
140.000	140.000	138.000	133.000	130.000	125.000
147.000	142.000	138.000	134.000	131.000	127.000
147.000	141.000	135.000	130.000	130.000	125.000
146.000	137.000	126.000	135.000	133.000	130.000

<<<<<		Water Level		>>>>>	
19.750	18.580	17.850	16.900	16.750	14.950
19.500	18.270	16.840	16.730	16.520	13.840
19.250	17.740	16.230	16.170	15.820	13.420
19.000	17.710	16.420	16.130	15.580	12.830
18.750	17.860	16.290	16.080	15.190	12.350
18.500	17.250	15.990	14.740	13.480	11.040
17.820	16.250	14.690	13.120	11.550	7.250
17.090	15.200	13.310	11.420	9.530	6.760
16.360	14.040	11.720	9.040	7.080	6.240
15.630	13.130	10.630	8.130	5.630	4.980
14.900	13.050	11.200	9.350	4.570	4.690
14.170	12.120	10.070	8.030	3.930	4.200
13.440	12.100	10.780	9.460	3.130	4.130
12.710	11.050	9.400	7.750	6.100	4.050
11.980	10.420	8.950	7.280	5.710	4.120
11.250	9.750	8.270	6.790	5.310	3.850
10.500	9.120	7.720	6.320	4.920	3.680
9.750	8.450	7.140	5.830	4.520	3.520
9.000	7.770	6.590	5.290	4.050	3.020
8.250	7.100	5.950	4.800	3.650	2.640

13. OUTPUT DATA OF WATER SIMULATION

Case-1

```

((((      After  1 Year(s)      ))))
<<<<<      Calculation Water Level      >>>>>
29.500      37.500      44.000      46.000      37.500      32.000      25.000
31.500      42.498      48.051      41.057      34.499      28.001      22.000
35.000      46.052      42.999      36.999      30.001      24.499      17.500
40.000      46.052      38.500      31.999      25.001      17.709      10.000
42.000      42.053      33.000      26.000      20.000      11.514      5.000
46.000      34.000      26.000      19.001      12.500      4.002      0
35.000      25.000      19.000      13.000      4.000      1.000      0
  
```

```

<<<<<      Calculation Total Change      >>>>>
0           0           0           0           0           0           0
0          -0.002      0.051      0.057      -0.001      0.001      0
0           0.052     -0.001     -0.001      0.001     -0.001      0
0           0.052     -0.000     -0.001      0.001     -0.291      0
0           0.053     -0.000      0.000     -0.000     -0.486      0
0           0.000     -0.000      0.001     -0.000      0.002      0
0           0           0           0           0           0           0
  
```

```

((((      After  2 Year(s)      ))))
<<<<<      Calculation Water Level      >>>>>
29.500      37.500      44.000      46.000      37.500      32.000      25.000
31.500      42.496      48.102      41.114      34.499      28.002      22.000
35.000      46.104      42.998      36.998      30.001      24.499      17.500
40.000      46.104      38.500      31.999      25.001      17.418      10.000
42.000      42.107      32.999      26.001      20.000      11.028      5.000
46.000      34.001      26.000      19.003      12.500      4.004      0
35.000      25.000      19.000      13.000      4.000      1.000      0
  
```

```

<<<<<      Calculation Total Change      >>>>>
0           0           0           0           0           0           0
0          -0.004      0.102      0.114     -0.001      0.002      0
0           0.104     -0.002     -0.002      0.001     -0.001      0
0           0.104     -0.000     -0.001      0.001     -0.582      0
0           0.107     -0.001      0.001     -0.000     -0.972      0
0           0.001     -0.000      0.003     -0.000      0.004      0
0           0           0           0           0           0           0
  
```

```

((((      After  3 Year(s)      ))))
<<<<<      Calculation Water Level      >>>>>
29.500      37.500      44.000      46.000      37.500      32.000      25.000
31.500      42.494      48.152      41.170      34.498      28.003      22.000
35.000      46.156      42.998      36.997      30.002      24.498      17.500
40.000      46.156      38.499      31.998      25.002      17.128      10.000
42.000      42.160      32.999      26.001      19.999      10.542      5.000
46.000      34.002      26.000      19.004      12.500      4.006      0
35.000      25.000      19.000      13.000      4.000      1.000      0
  
```

```

<<<<<      Calculation Total Change      >>>>>
0           0           0           0           0           0           0
0          -0.006      0.152      0.170     -0.002      0.003      0
0           0.156     -0.002     -0.003      0.002     -0.002      0
0           0.156     -0.001     -0.002      0.002     -0.872      0
0           0.160     -0.001      0.001     -0.001     -1.458      0
0           0.002     -0.000      0.004     -0.000      0.006      0
0           0           0           0           0           0           0
  
```

[[[[[After 4 Year(s)]]]]

<<<<< Calculation Water Level >>>>>

29.500	37.500	44.000	46.000	37.500	32.000	25.000
31.500	42.493	48.203	41.227	34.498	28.003	22.000
35.000	46.208	42.997	36.997	30.002	24.497	17.500
40.000	46.208	38.499	31.997	25.002	16.837	10.000
42.000	42.213	32.999	26.001	19.999	10.057	5.000
46.000	34.002	26.000	19.005	12.500	4.007	0
35.000	25.000	19.000	13.000	4.000	1.000	0

<<<<< Calculation Total Change >>>>>

0	0	0	0	0	0	0
0	-0.007	0.203	0.227	-0.002	0.003	0
0	0.208	-0.003	-0.003	0.002	-0.003	0
0	0.208	-0.001	-0.003	0.002	-1.163	0
0	0.213	-0.001	0.001	-0.001	-1.943	0
0	0.002	-0.000	0.005	-0.000	0.007	0
0	0	0	0	0	0	0

[[[[[After 5 Year(s)]]]]

<<<<< Calculation Water Level >>>>>

29.500	37.500	44.000	46.000	37.500	32.000	25.000
31.500	42.491	48.254	41.284	34.497	28.004	22.000
35.000	46.260	42.996	36.996	30.003	24.497	17.500
40.000	46.260	38.499	31.997	25.003	16.547	10.000
42.000	42.266	32.999	26.002	19.998	9.572	5.000
46.000	34.003	26.000	19.006	12.500	4.009	0
35.000	25.000	19.000	13.000	4.000	1.000	0

<<<<< Calculation Total Change >>>>>

0	0	0	0	0	0	0
0	-0.009	0.254	0.284	-0.003	0.004	0
0	0.260	-0.004	-0.004	0.003	-0.003	0
0	0.260	-0.001	-0.003	0.003	-1.453	0
0	0.266	-0.001	0.002	-0.002	-2.428	0
0	0.003	-0.000	0.006	-0.000	0.009	0
0	0	0	0	0	0	0

[[[[[After 6 Year(s)]]]]

<<<<< Calculation Water Level >>>>>

29.500	37.500	44.000	46.000	37.500	32.000	25.000
31.500	42.489	48.305	41.340	34.497	28.005	22.000
35.000	46.312	42.995	36.995	30.003	24.496	17.500
40.000	46.312	38.499	31.996	25.003	16.257	10.000
42.000	42.319	32.999	26.002	19.998	9.088	5.000
46.000	34.003	26.000	19.008	12.500	4.010	0
35.000	25.000	19.000	13.000	4.000	1.000	0

<<<<< Calculation Total Change >>>>>

0	0	0	0	0	0	0
0	-0.011	0.305	0.340	-0.003	0.005	0
0	0.312	-0.005	-0.005	0.003	-0.004	0
0	0.312	-0.001	-0.004	0.003	-1.743	0
0	0.319	-0.001	0.002	-0.002	-2.912	0
0	0.003	-0.000	0.008	-0.000	0.010	0
0	0	0	0	0	0	0

[[[[[After 7 Year(s)]]]]]			
<<<<<	Calculation Water Level				>>>>>			
29.500	37.500	44.000	46.000	37.500	32.000	25.000		
31.500	42.487	48.355	41.397	34.496	28.006	22.000		
35.000	46.364	42.995	36.994	30.004	24.495	17.500		
40.000	46.364	38.499	31.995	25.004	15.967	10.000		
42.000	42.372	32.998	26.002	19.997	8.603	5.000		
46.000	34.004	26.000	19.009	12.500	4.012	0		
35.000	25.000	19.000	13.000	4.000	1.000	0		

<<<<<	Calculation Total Change				>>>>>			
0	0	0	0	0	0	0		
0	-0.013	0.355	0.397	-0.004	0.006	0		
0	0.364	-0.005	-0.006	0.004	-0.005	0		
0	0.364	-0.001	-0.005	0.004	-2.033	0		
0	0.372	-0.002	0.002	-0.003	-3.397	0		
0	0.004	-0.000	0.009	-0.000	0.012	0		
0	0	0	0	0	0	0		

[[[[[After 8 Year(s)]]]]]			
<<<<<	Calculation Water Level				>>>>>			
29.500	37.500	44.000	46.000	37.500	32.000	25.000		
31.500	42.486	48.406	41.453	34.496	28.007	22.000		
35.000	46.416	42.994	36.994	30.004	24.494	17.500		
40.000	46.416	38.499	31.994	25.004	15.677	10.000		
42.000	42.426	32.998	26.002	19.996	8.119	5.000		
46.000	34.004	26.000	19.010	12.500	4.013	0		
35.000	25.000	19.000	13.000	4.000	1.000	0		

<<<<<	Calculation Total Change				>>>>>			
0	0	0	0	0	0	0		
0	-0.014	0.406	0.453	-0.004	0.007	0		
0	0.416	-0.006	-0.006	0.004	-0.006	0		
0	0.416	-0.001	-0.006	0.004	-2.323	0		
0	0.426	-0.002	0.002	-0.004	-3.881	0		
0	0.004	-0.000	0.010	-0.000	0.013	0		
0	0	0	0	0	0	0		

[[[[[After 9 Year(s)]]]]]			
<<<<<	Calculation Water Level				>>>>>			
29.500	37.500	44.000	46.000	37.500	32.000	25.000		
31.500	42.484	48.456	41.510	34.496	28.008	22.000		
35.000	46.467	42.994	36.993	30.005	24.493	17.500		
40.000	46.468	38.499	31.994	25.004	15.388	10.000		
42.000	42.479	32.998	26.003	19.995	7.635	5.000		
46.000	34.005	26.000	19.012	12.499	4.015	0		
35.000	25.000	19.000	13.000	4.000	1.000	0		

<<<<<	Calculation Total Change				>>>>>			
0	0	0	0	0	0	0		
0	-0.016	0.456	0.510	-0.004	0.008	0		
0	0.467	-0.006	-0.007	0.005	-0.007	0		
0	0.468	-0.001	-0.006	0.004	-2.612	0		
0	0.479	-0.002	0.003	-0.005	-4.365	0		
0	0.005	-0.000	0.012	-0.001	0.015	0		
0	0	0	0	0	0	0		

[[[[[After 10 Year(s)]]]]

<<<<< Calculation Water Level >>>>>

29.500	37.500	44.000	46.000	37.500	32.000	25.000
31.500	42.482	48.507	41.566	34.495	28.008	22.000
35.000	46.519	42.993	36.992	30.005	24.492	17.500
40.000	46.520	38.499	31.993	25.004	15.098	10.000
42.000	42.531	32.998	26.003	19.994	7.152	5.000
46.000	34.006	26.000	19.013	12.499	4.016	0
35.000	25.000	19.000	13.000	4.000	1.000	0

<<<<< Calculation Total Change >>>>>

0	0	0	0	0	0	0
0	-0.018	0.507	0.566	-0.005	0.008	0
0	0.519	-0.007	-0.008	0.005	-0.008	0
0	0.520	-0.001	-0.007	0.004	-2.902	0
0	0.531	-0.002	0.003	-0.006	-4.848	0
0	0.006	-0.000	0.013	-0.001	0.016	0
0	0	0	0	0	0	0

[[[[[After 11 Year(s)]]]]

<<<<< Calculation Water Level >>>>>

29.500	37.500	44.000	46.000	37.500	32.000	25.000
31.500	42.481	48.557	41.623	34.495	28.009	22.000
35.000	46.571	42.992	36.992	30.006	24.490	17.500
40.000	46.572	38.499	31.992	25.004	14.809	10.000
42.000	42.584	32.998	26.003	19.993	6.668	5.000
46.000	34.006	26.000	19.014	12.499	4.017	0
35.000	25.000	19.000	13.000	4.000	1.000	0

<<<<< Calculation Total Change >>>>>

0	0	0	0	0	0	0
0	-0.019	0.557	0.623	-0.005	0.009	0
0	0.571	-0.008	-0.008	0.006	-0.010	0
0	0.572	-0.001	-0.008	0.004	-3.191	0
0	0.584	-0.002	0.003	-0.007	-5.332	0
0	0.006	-0.000	0.014	-0.001	0.017	0
0	0	0	0	0	0	0

[[[[[After 12 Year(s)]]]]

<<<<< Calculation Water Level >>>>>

29.500	37.500	44.000	46.000	37.500	32.000	25.000
31.500	42.479	48.608	41.679	34.494	28.010	22.000
35.000	46.622	42.992	36.991	30.006	24.489	17.500
40.000	46.624	38.499	31.992	25.004	14.520	10.000
42.000	42.637	32.998	26.004	19.992	6.185	5.000
46.000	34.007	26.000	19.015	12.499	4.018	0
35.000	25.000	19.000	13.000	4.000	1.000	0

<<<<< Calculation Total Change >>>>>

0	0	0	0	0	0	0
0	-0.021	0.608	0.679	-0.006	0.010	0
0	0.622	-0.008	-0.009	0.006	-0.011	0
0	0.624	-0.001	-0.008	0.004	-3.480	0
0	0.637	-0.002	0.004	-0.008	-5.815	0
0	0.007	-0.000	0.015	-0.001	0.018	0
0	0	0	0	0	0	0

[[[[[	After 13 Year(s)]]]]]			
<<<<<	Calculation Water Level				>>>>>			
29.500	37.500	44.000	46.000	37.500	32.000	25.000		
31.500	42.478	48.658	41.735	34.494	28.011	22.000		
35.000	46.674	42.991	36.990	30.007	24.488	17.500		
40.000	46.675	38.499	31.991	25.004	14.231	10.000		
42.000	42.690	32.998	26.004	19.990	5.703	5.000		
46.000	34.008	26.000	19.017	12.499	4.019	0		
35.000	25.000	19.000	13.000	4.000	1.000	0		

<<<<<	Calculation Total Change				>>>>>			
0	0	0	0	0	0	0		
0	-0.022	0.658	0.735	-0.006	0.011	0		
0	0.674	-0.009	-0.010	0.007	-0.012	0		
0	0.675	-0.001	-0.009	0.004	-3.769	0		
0	0.690	-0.002	0.004	-0.010	-6.297	0		
0	0.008	-0.000	0.017	-0.001	0.019	0		
0	0	0	0	0	0	0		

[[[[[	After 14 Year(s)]]]]]			
<<<<<	Calculation Water Level				>>>>>			
29.500	37.500	44.000	46.000	37.500	32.000	25.000		
31.500	42.476	48.708	41.791	34.494	28.012	22.000		
35.000	46.726	42.991	36.990	30.007	24.486	17.500		
40.000	46.727	38.499	31.990	25.004	13.942	10.000		
42.000	42.743	32.998	26.004	19.989	5.220	5.000		
46.000	34.008	26.000	19.018	12.499	4.020	0		
35.000	25.000	19.000	13.000	4.000	1.000	0		

<<<<<	Calculation Total Change				>>>>>			
0	0	0	0	0	0	0		
0	-0.024	0.708	0.791	-0.006	0.012	0		
0	0.726	-0.009	-0.010	0.007	-0.014	0		
0	0.727	-0.001	-0.010	0.004	-4.058	0		
0	0.743	-0.002	0.004	-0.011	-6.780	0		
0	0.008	-0.000	0.018	-0.001	0.020	0		
0	0	0	0	0	0	0		

[[[[[	After	2 Year(s)]]]]]
<<<<<	Calculation	Water Level	>>>>>
19.750	18.580	17.850	16.750
19.500	18.256	16.917	16.535
19.250	17.765	16.323	15.800
19.000	17.720	16.449	15.935
18.750	17.806	16.334	14.588
18.500	17.236	15.955	12.917
17.820	16.246	14.684	10.928
17.090	15.198	13.307	9.113
16.360	14.059	11.735	6.636
15.630	13.171	10.697	5.279
14.900	13.023	11.141	6.830
14.170	12.154	8.120	5.580
13.440	12.062	10.702	7.397
12.710	11.066	9.431	6.140
11.980	10.418	8.850	3.814
11.250	9.753	8.273	3.373
10.500	9.118	7.720	3.556
9.750	8.451	7.143	3.248
9.000	7.775	6.585	2.851
8.250	7.100	5.950	3.650

<<<<<	Calculation	Total Change	>>>>>
0	-0.014	0.077	0
0	0.025	0.093	-0.045
0	0.010	0.029	-0.020
0	-0.054	0.044	-0.543
0	-0.014	-0.035	-0.538
0	-0.004	-0.006	-0.550
0	-0.002	-0.003	-0.622
0	0.019	0.015	-0.417
0	0.041	0.067	-0.444
0	-0.027	-0.059	-0.351
0	0.034	0.071	-0.670
0	-0.038	-0.078	-0.393
0	0.016	0.031	-0.459
0	-0.002	-0.000	-0.465
0	0.003	0.003	-0.326
0	-0.002	0.000	-0.457
0	0.001	0.003	0.036
0	0.001	0.003	0.038
0	0.005	-0.005	0.041
0	0	0	0

14.000	14.950	14.000	13.510	12.400	11.050
13.084	13.907	13.084	12.652	11.341	10.900
12.194	13.419	12.194	11.838	10.871	10.300
11.814	12.842	11.814	11.063	10.570	10.200
11.298	12.314	11.298	10.519	9.881	9.700
10.565	10.948	10.565	10.156	9.247	9.050
7.254	7.342	7.254	7.126	6.816	6.550
6.572	6.758	6.572	6.383	6.100	6.000
5.989	6.200	5.989	5.855	5.467	5.250
4.732	4.990	4.732	4.634	4.524	4.400
4.446	4.665	4.446	4.360	4.253	4.200
4.203	4.250	4.203	4.129	4.033	4.000
4.052	4.142	4.052	3.909	3.844	3.800
3.996	4.117	3.996	3.847	3.747	3.650
3.814	4.031	3.814	3.650	3.543	3.350
3.511	3.673	3.511	3.339	3.171	3.000
3.180	3.360	3.180	3.000	2.820	2.640
2.829	3.020	2.829	2.640	2.450	2.260
2.451	2.642	2.451	2.262	2.071	1.880
2.100	2.300	2.100	1.910	1.700	1.500

0	0.067	0	0	0	0
0	-0.001	0.014	-0.028	0.051	0
0	0.012	0.054	-0.022	0.021	0
0	-0.036	0.004	0.023	-0.010	0
0	-0.092	0.008	-0.001	0.021	0
0	0.092	-0.095	-0.114	-0.043	0
0	-0.002	0.094	0.076	0.066	0
0	-0.040	-0.021	0.003	0.010	0
0	0.010	0.042	-0.034	-0.003	0
0	-0.025	0.006	-0.000	0.024	0
0	-0.010	0.003	-0.001	0.003	0
0	0.012	0.002	0.009	0.004	0
0	-0.003	-0.004	-0.003	-0.003	0
0	-0.019	-0.006	-0.000	-0.007	0
0	-0.007	0.001	-0.001	0.001	0
0	-0.000	-0.000	-0.000	-0.000	0
0	0.000	-0.001	-0.000	-0.000	0
0	0.002	0.001	0.002	0.001	0
0	0	0	0	0	0

[[[[[	After	3 Year(s)]]]]]
<<<<<	Calculation Water Level >>>>>		
19.750	18.580	17.850	16.750
19.500	18.252	16.951	16.514
19.250	17.778	16.366	15.784
19.000	17.724	16.464	14.777
18.750	17.783	16.352	14.296
18.500	17.228	15.939	12.642
17.820	16.243	14.681	10.636
17.090	15.197	13.305	8.908
16.360	14.068	11.743	6.423
15.630	13.190	10.727	5.102
14.900	13.011	11.115	6.513
14.170	12.169	10.172	5.379
13.440	12.044	10.667	7.058
12.710	11.073	9.444	6.142
11.980	10.418	8.850	5.704
11.250	9.754	8.275	5.295
10.500	9.117	7.720	4.921
9.750	8.451	7.144	4.520
9.000	7.777	6.584	4.056
8.250	7.100	5.950	3.650

14.950
13.937
13.421
12.840
12.290
10.899
7.382
6.753
6.177
4.989
4.647
4.240
4.141
4.109
4.018
3.663
3.360
3.020
2.643
2.300
16.000
15.739
14.710
13.551
12.609
10.617
6.733
6.543
5.816
4.199
3.923
3.344
3.995
3.766
3.555
3.164
3.587
3.266
2.870
2.500
14.000
13.092
12.218
11.817
11.300
10.521
7.297
6.574
5.979
4.751
4.449
4.204
4.053
3.994
3.841
3.511
3.180
2.829
2.452
2.100
13.510
12.639
11.830
11.074
10.104
7.161
6.386
5.840
4.650
4.360
4.129
3.913
3.846
3.746
3.539
3.172
2.819
2.450
2.072
1.700
12.400
11.364
10.880
10.567
9.890
9.227
6.847
6.106
5.465
4.535
4.255
4.025
3.846
3.650
3.350
3.000
2.640
2.260
1.880
1.500

<<<<<	Calculation	Total	Change	>>>>>
0	-0.018	0.111	0	0
0	0.038	0.136	-0.021	-0.066
0	0.014	0.044	0.015	-0.036
0	-0.077	0.062	-0.038	-0.803
0	-0.022	-0.051	-0.123	-0.894
0	-0.007	-0.009	-0.042	-0.838
0	-0.003	-0.005	-0.029	-0.914
0	0.028	0.023	-0.042	-0.622
0	0.060	0.097	0.104	-0.657
0	-0.039	-0.085	-0.150	-0.528
0	0.049	0.102	0.123	-0.987
0	-0.056	-0.113	-0.188	-0.601
0	-0.023	0.044	0.063	-1.072
0	-0.004	0.000	0.003	-0.006
0	-0.003	0.005	0.003	-0.015
0	0.001	0.000	0.001	0.001
0	0.001	-0.004	-0.000	-0.000
0	0.007	-0.006	0.007	0.006
0	0	0	0	0
0	-0.041	0	0.022	0
0	-0.030	0.030	0.078	0.097
0	0.034	0.007	0.007	0.001
0	-0.002	0.010	0.010	0.010
0	-0.166	-0.139	-0.139	-0.060
0	0.111	0.137	0.137	-0.141
0	0.006	0.004	0.004	0.132
0	-0.050	-0.031	-0.031	-0.007
0	0.050	0.061	0.061	-0.063
0	0.000	0.009	0.009	0.009
0	-0.001	0.004	0.004	-0.043
0	-0.013	-0.003	-0.003	-0.020
0	-0.004	-0.006	-0.006	-0.011
0	-0.011	-0.009	-0.009	-0.011
0	-0.011	-0.001	-0.001	-0.032
0	-0.001	-0.000	-0.000	-0.017
0	-0.001	-0.000	-0.000	0.000
0	-0.000	-0.001	-0.001	0.000
0	-0.000	-0.002	-0.002	0.000
0	0.002	0	0.002	0.003
0	0	0	0	0

[[[[[After 4 Year(s)]]]]]

<<<<<	Calculation	Water Level	>>>>>
19.750	17.850	16.900	16.750
19.500	16.983	16.704	16.493
19.250	16.407	16.190	15.763
19.000	16.478	16.070	14.527
18.750	16.367	15.911	14.010
18.500	15.924	14.674	12.371
17.820	14.677	13.071	10.355
17.090	13.303	11.359	8.706
16.360	11.752	9.167	6.216
15.630	10.756	8.258	4.926
14.900	13.000	9.148	3.983
14.170	12.183	8.178	3.154
13.440	12.028	9.207	4.227
12.710	11.079	7.830	4.098
11.980	10.418	7.284	4.002
11.250	9.756	6.794	3.651
10.500	9.116	6.321	3.360
9.750	8.452	5.830	3.021
9.000	7.778	5.299	2.644
8.250	7.100	4.800	2.300

<<<<<	Calculation	Total Change	>>>>>
0	-0.021	0	0
0	0.050	0.143	-0.087
0	0.078	0.177	-0.057
0	-0.097	0.058	-1.053
0	-0.030	0.077	-1.180
0	-0.009	-0.066	-1.109
0	-0.004	-0.013	-1.195
0	0.037	-0.007	-0.824
0	0.078	0.032	-0.864
0	-0.050	0.126	-0.704
0	0.063	-0.110	-1.292
0	-0.072	0.130	-0.802
0	0.029	-0.146	-1.396
0	-0.002	0.056	0.035
0	0.006	0.001	-0.013
0	-0.004	0.006	-0.027
0	0.002	0.000	0.002
0	0.002	0.005	0.001
0	0.008	-0.008	0.009
0	0	0	0

14.950	14.000	13.510	12.400
13.964	13.099	12.628	11.366
13.423	12.241	11.822	10.889
12.834	11.820	11.083	10.564
12.262	11.301	10.616	9.898
10.849	10.478	10.055	9.208
7.419	7.338	7.194	6.875
6.747	6.576	6.388	6.111
6.153	5.969	5.826	5.454
4.983	4.769	4.665	4.545
4.627	4.452	4.361	4.257
4.227	4.205	4.129	4.037
4.136	4.053	3.917	3.848
4.098	3.992	3.845	3.744
4.002	3.838	3.649	3.536
3.651	3.510	3.329	3.172
3.360	3.180	3.000	2.819
3.021	2.829	2.640	2.450
2.644	2.452	2.262	2.072
2.300	2.100	1.910	1.700

0	0.029	-0.052	0
0	0.101	-0.038	0
0	0.010	0.043	0
0	0.011	-0.004	0
0	-0.182	-0.215	0
0	0.178	0.144	0
0	0.006	0.008	0
0	-0.041	-0.064	0
0	0.079	-0.065	0
0	0.012	0.001	0
0	0.005	-0.001	0
0	0.003	0.017	0
0	-0.008	-0.005	0
0	-0.012	-0.001	0
0	0.000	-0.001	0
0	-0.000	-0.000	0
0	-0.001	-0.001	0
0	0.002	0.003	0
0	0	0	0

[[[[[	After	5 Year(s)	]]]]]	Calculation Water Level		Calculation Total Change			
<<<<<			>>>>>						
19.750	18.580	17.850	16.900	16.750	16.000	14.950	13.510	12.400	11.050
19.500	18.248	17.013	16.700	16.473	15.678	13.988	12.618	11.406	10.900
19.250	17.802	16.446	16.194	15.738	14.689	13.425	12.262	10.898	10.300
19.000	17.732	16.492	16.045	14.286	13.063	12.824	11.823	10.562	10.200
18.750	17.744	16.380	15.863	13.731	12.094	12.231	10.614	9.905	9.700
18.500	17.213	15.910	14.645	12.105	10.113	10.797	10.008	9.191	9.050
17.820	16.239	14.673	13.646	10.084	6.644	7.451	7.225	6.902	6.550
17.090	15.196	13.301	11.338	8.506	6.233	6.738	6.391	6.117	6.000
16.360	14.085	11.761	9.185	6.014	5.262	6.126	5.813	5.462	5.250
15.630	13.225	10.783	8.277	4.749	3.772	4.974	4.679	4.555	4.400
14.900	12.990	11.068	9.094	5.913	3.502	4.605	4.362	4.259	4.200
14.170	12.196	10.226	8.197	4.978	2.965	4.211	4.129	4.038	4.000
13.440	12.013	10.602	9.141	6.425	3.552	4.127	3.921	3.850	3.800
12.710	11.085	9.467	7.844	6.118	3.355	4.084	3.844	3.743	3.650
11.980	10.418	8.852	7.296	5.697	3.350	3.985	3.649	3.533	3.350
11.250	9.757	8.278	5.795	5.269	2.782	3.636	3.339	3.172	3.000
10.500	9.116	7.721	6.322	4.922	3.577	3.360	3.179	2.819	2.640
9.750	8.452	7.146	5.830	4.522	3.300	3.022	2.828	2.450	2.260
9.000	7.780	6.580	5.301	4.062	2.905	2.646	2.264	2.075	1.880
8.250	7.100	5.950	4.800	3.650	2.500	2.300	2.100	1.700	1.500
<<<<<	Calculation Total Change		>>>>>						
0	-0.022	0.173	0	-0.107	0	0.148	0	0	0
0	0.062	0.216	0.024	-0.082	-0.172	0.005	0.037	0.116	0
0	0.022	0.072	-0.085	-1.294	-1.287	-0.006	0.122	0.048	0
0	-0.116	0.090	-0.217	-1.459	-1.316	-0.119	0.013	-0.018	0
0	-0.037	-0.080	-0.095	-1.375	-1.317	-0.243	-0.222	-0.045	0
0	-0.011	-0.017	-0.074	-1.466	-0.206	0.201	0.217	-0.099	0
0	-0.004	-0.009	-0.082	-1.024	-0.817	-0.022	0.009	0.152	0
0	0.045	0.041	0.145	-1.066	-0.898	-0.114	-0.077	-0.027	0
0	0.095	0.153	0.147	-0.881	-1.108	-0.006	0.079	-0.008	0
0	-0.060	-0.132	-0.256	-1.587	-1.068	-0.085	0.014	0.055	0
0	0.076	0.156	0.167	-1.002	-0.965	-0.049	0.005	0.009	0
0	-0.087	-0.178	-0.319	-1.705	-1.128	-0.003	0.004	0.008	0
0	0.035	0.067	0.094	0.018	-1.095	-0.036	-0.011	-0.010	0
0	-0.002	0.002	0.006	-0.023	-0.790	-0.065	-0.015	-0.007	0
0	0.007	0.008	0.005	-0.041	-1.048	-0.044	0.000	-0.017	0
0	-0.004	0.001	0.002	0.002	0.057	0.000	-0.001	0.002	0
0	0.002	0.006	0.000	0.002	0.090	0.002	-0.001	-0.001	0
0	0.010	-0.010	0.011	0.012	0.095	0.006	-0.002	-0.000	0
0	0	0	0	0.012	0.095	0.006	0.003	0.003	0

[[[[[After 6 Year(s)]]]]

<<<<< Calculation Water Level >>>>>

19.750	18.580	17.850	16.900	16.750	14.950	14.000	13.510	12.400	11.050
19.500	18.247	17.041	16.696	16.454	14.011	13.115	12.609	11.425	10.900
19.250	17.814	16.482	16.197	15.711	13.427	12.282	11.809	10.906	10.300
19.000	17.735	16.505	16.017	14.053	12.809	11.827	11.099	10.560	10.200
18.750	17.726	16.390	15.812	13.456	12.196	11.299	10.611	9.911	9.700
18.500	17.205	15.896	14.611	11.843	10.743	10.399	9.964	9.174	9.050
17.920	16.236	14.668	13.017	9.824	7.480	7.413	6.927	6.550	6.550
17.090	15.195	13.299	11.314	8.310	6.727	6.582	6.394	6.123	6.000
16.360	14.094	12.771	9.198	5.817	6.098	5.951	5.800	5.461	5.250
15.630	13.241	10.809	8.291	4.574	4.962	4.801	4.692	4.565	4.400
14.900	12.981	11.046	9.039	5.627	4.580	4.457	4.364	4.261	4.200
14.170	12.208	10.250	8.208	4.778	4.192	4.205	4.129	4.040	4.000
13.440	11.999	10.573	9.074	5.129	4.114	4.055	3.924	3.852	3.800
12.710	11.090	9.477	7.855	6.093	4.067	3.987	3.843	3.742	3.650
11.980	10.418	8.853	7.287	5.674	3.966	3.832	3.649	3.530	3.350
11.250	9.758	8.279	6.795	5.252	3.618	3.509	3.338	3.172	3.000
10.500	9.115	7.721	6.322	4.922	3.360	3.179	2.999	2.819	2.640
9.750	8.453	7.147	5.830	4.523	3.024	2.828	2.640	2.450	2.260
9.000	7.782	6.579	5.302	4.065	2.648	2.454	2.265	2.073	1.880
8.250	7.100	5.950	4.800	3.650	2.300	2.100	1.910	1.700	1.500

<<<<< Calculation Total Change >>>>>

0	-0.023	0.201	-0.034	0	0	0	-0.071	0	0
0	0.074	0.252	0.027	-0.109	0.007	0.045	-0.051	0.135	0
0	0.025	0.085	-0.113	-1.527	-0.021	0.142	-0.059	0.056	0
0	-0.134	0.100	-0.268	-1.734	-0.154	0.017	-0.009	-0.020	0
0	-0.045	-0.094	-0.129	-1.637	-0.297	-0.261	-0.306	0.051	0
0	-0.014	-0.022	-0.103	-1.726	0.230	0.253	-0.204	-0.116	0
0	-0.005	-0.011	-0.106	-1.220	-0.033	0.012	0.014	0.177	0
0	0.054	0.051	0.158	-1.263	-0.142	-0.059	-0.090	-0.009	0
0	0.111	0.179	0.161	-1.056	-0.018	0.111	0.092	0.065	0
0	-0.069	-0.154	-0.311	-1.873	-0.110	0.017	0.004	0.011	0
0	0.088	0.180	0.178	-1.202	-0.068	0.005	-0.001	0.010	0
0	-0.101	-0.207	-0.386	-2.001	-0.016	0.005	0.024	0.012	0
0	0.040	0.077	0.105	-2.007	-0.053	-0.013	-0.007	-0.008	0
0	-0.002	0.003	0.007	-0.036	-0.084	-0.018	-0.001	-0.020	0
0	0.008	0.009	0.005	-0.058	-0.062	-0.001	-0.002	0.002	0
0	-0.005	0.001	0.002	0.002	0.000	-0.001	-0.001	-0.001	0
0	0.003	0.007	0.000	0.003	0.004	-0.002	-0.000	-0.000	0
0	0.012	-0.011	0.012	0.015	0.008	0.004	0.005	0.002	0
0	0	0	0	0	0	0	0	0	0

[[[[[	After	7 Year(s)]]]]]
<<<<<	Calculation Water Level		
19.750	17.850	16.900	16.750
19.500	17.067	16.693	16.434
19.250	16.517	16.199	15.680
19.000	16.518	15.985	13.827
18.750	16.399	15.760	13.188
18.500	17.197	14.574	11.586
17.820	14.662	12.984	9.572
17.090	13.297	11.288	8.116
16.360	11.781	9.206	5.625
15.630	10.833	8.301	4.399
14.900	11.027	8.983	5.350
14.170	10.271	8.213	4.579
13.440	10.544	9.007	5.846
12.710	9.486	7.864	6.061
11.980	8.854	7.288	5.659
11.250	8.281	6.795	5.233
10.500	7.721	6.322	4.922
9.750	7.147	5.831	4.524
9.000	6.578	5.304	4.068
8.250	5.950	4.800	3.650

<<<<<	Calculation Total Change	>>>>>
0	0	0
0	0.227	-0.146
0	0.287	-0.140
0	0.098	-1.753
0	0.109	-2.002
0	-0.108	-1.894
0	-0.028	-1.978
0	-0.013	-1.414
0	0.061	-1.455
0	0.203	-1.231
0	-0.173	-2.150
0	0.201	-1.401
0	-0.236	-2.284
0	0.086	-0.039
0	0.004	-0.051
0	0.011	-0.077
0	0.001	0.002
0	0.007	0.004
0	-0.012	0.018
0	0	0

14.000	14.950	13.510	12.400	11.050
13.123	14.031	12.600	11.443	10.900
12.300	13.430	11.804	10.915	10.300
11.830	12.792	11.107	10.558	10.200
11.296	12.158	10.609	9.917	9.700
10.362	10.689	9.923	9.158	9.050
7.447	7.506	7.262	6.951	6.550
6.585	6.715	6.398	6.129	6.000
5.942	6.069	5.789	5.460	5.250
4.815	4.946	4.705	4.575	4.400
4.459	4.552	4.365	4.263	4.200
4.205	4.171	4.130	4.041	4.000
4.055	4.098	3.927	3.854	3.800
3.984	4.046	3.842	3.741	3.650
3.828	3.945	3.648	3.528	3.350
3.508	3.598	3.338	3.173	3.000
3.179	3.359	2.999	2.819	2.640
2.828	3.025	2.639	2.450	2.260
2.454	2.650	2.265	2.074	1.860
2.100	2.300	1.910	1.700	1.500

0	0	0	0	0
0.053	0.191	0.080	0.153	0
0.160	0.010	-0.056	0.065	0
0.020	-0.036	0.067	-0.022	0
0.006	-0.192	-0.011	0.057	0
-0.298	-0.351	-0.347	-0.132	0
0.287	0.256	0.232	0.201	0
0.015	-0.045	0.018	0.039	0
-0.068	-0.171	-0.101	-0.010	0
0.125	-0.034	0.105	0.075	0
0.019	-0.138	0.005	0.013	0
0.005	-0.089	-0.000	0.011	0
0.005	-0.032	0.027	0.014	0
-0.016	-0.074	-0.008	-0.009	0
-0.022	-0.105	-0.002	-0.022	0
-0.002	-0.082	-0.002	0.003	0
-0.001	-0.001	-0.001	-0.001	0
-0.002	0.005	-0.001	-0.000	0
0.004	0.010	0.005	0.004	0
0.004	0	0.005	0	0

[[[[[After	8 Year(s)]]]]]										
<<<<<	Calculation Water Level										>>>>>		
19.750	18.580	17.850	16.900	16.750	16.000	14.950	14.000	13.510	12.400	11.050			
19.500	18.248	17.092	16.691	16.415	15.600	14.050	13.131	12.593	11.460	10.900			
19.250	17.837	16.550	16.201	15.647	14.626	13.432	12.318	11.800	10.922	10.300			
19.000	17.742	16.530	15.951	15.608	12.390	12.771	11.833	11.113	10.557	10.200			
18.750	17.696	16.405	15.705	12.925	11.352	12.117	11.292	10.605	9.922	9.700			
18.500	17.189	15.869	14.533	11.333	9.402	10.633	10.326	9.884	9.143	9.050			
17.820	16.231	14.656	12.948	9.328	6.428	7.527	7.479	7.308	6.974	6.550			
17.090	15.195	13.294	11.261	7.925	5.700	6.700	6.588	6.401	6.135	6.000			
16.360	14.110	11.790	9.211	5.436	4.745	6.038	5.933	5.779	5.460	5.250			
15.630	13.271	10.855	8.306	4.225	3.165	4.927	4.828	4.717	4.584	4.400			
14.900	12.966	11.008	8.926	5.082	2.887	4.522	4.460	4.367	4.265	4.200			
14.170	12.229	10.289	8.213	4.381	2.412	4.147	4.205	4.130	4.043	4.000			
13.440	11.973	10.517	8.939	5.574	2.912	4.078	4.055	3.930	3.856	3.800			
12.710	11.099	9.493	7.870	6.023	2.792	4.024	3.981	3.841	3.740	3.650			
11.980	10.419	8.856	7.289	5.641	2.917	3.922	3.824	3.647	3.525	3.350			
11.250	9.760	8.282	6.795	5.212	2.281	3.576	3.507	3.338	3.173	3.000			
10.500	9.114	7.721	6.322	4.922	3.569	3.359	3.179	2.999	2.819	2.640			
9.750	8.454	7.148	5.831	4.526	3.344	3.027	2.828	2.639	2.450	2.260			
9.000	7.784	6.577	5.305	4.071	2.951	2.652	2.455	2.266	2.074	1.880			
8.250	7.100	5.950	4.800	3.650	2.500	2.300	2.100	1.910	1.700	1.500			
<<<<<	Calculation Total Change										>>>>>		
0	0	0	0	0	0	0	0	0	0	0			
0	-0.022	0.252	-0.039	-0.165	-0.250	0.210	0.061	-0.087	0.170	0			
0	0.097	0.320	0.031	-0.173	-0.074	0.012	0.178	-0.060	0.072	0			
0	0.032	0.110	-0.179	-1.972	-1.960	-0.059	0.023	0.073	-0.023	0			
0	-0.164	0.115	-0.375	-2.265	-2.058	-0.233	0.002	-0.015	0.062	0			
0	-0.061	-0.121	-0.207	-2.147	-2.028	-0.407	-0.334	-0.386	-0.147	0			
0	-0.019	-0.034	-0.172	-2.222	-0.422	0.277	0.319	0.258	0.224	0			
0	-0.005	-0.016	-0.159	-1.605	-1.268	-0.060	0.018	0.021	0.045	0			
0	0.070	0.070	0.171	-1.644	-1.415	-0.202	-0.077	-0.111	-0.010	0			
0	0.141	0.225	0.176	-1.405	-1.715	-0.053	0.138	0.117	0.084	0			
0	-0.084	-0.192	-0.424	-2.418	-1.693	-0.168	0.020	0.007	0.015	0			
0	0.109	0.219	0.193	-1.599	-1.518	-0.113	0.005	0.000	0.013	0			
0	-0.127	-0.263	-0.521	-2.556	-1.768	-0.052	0.005	0.030	0.016	0			
0	0.049	0.093	0.120	-0.077	-1.658	-0.096	-0.019	-0.009	-0.010	0			
0	-0.001	0.006	0.009	-0.069	-1.223	-0.128	-0.026	-0.003	-0.025	0			
0	0.010	0.012	0.003	-0.098	-1.549	-0.104	-0.003	-0.002	-0.003	0			
0	-0.006	0.001	0.002	0.002	0.049	-0.001	-0.001	-0.001	-0.001	0			
0	0.004	0.009	0.001	0.006	0.134	0.007	-0.002	-0.001	-0.000	0			
0	0.014	-0.013	0.015	0.021	0.141	0.012	0.005	0.006	0.004	0			
0	0	0	0	0	0	0	0	0	0	0			

[[[[[	After 9 Year(s)	]]]]]	Calculation Water Level	>>>>	16.750	17.850	16.900	16.000	14.950	14.000	13.510	12.400	11.050
<<<<<	19.750	18.580	17.850	16.900	16.750	17.850	16.900	16.000	14.950	14.000	13.510	12.400	11.050
	19.500	18.250	17.115	16.688	16.397	17.115	15.577	14.068	13.138	12.138	12.586	11.475	10.900
	19.250	17.848	16.582	16.202	15.611	16.582	14.599	13.433	12.334	11.796	10.930	10.300	10.300
	19.000	17.745	16.541	15.915	13.395	16.541	12.179	12.747	11.836	11.120	10.557	10.200	10.200
	18.750	17.683	16.409	15.648	12.667	16.409	11.112	12.074	11.287	10.602	9.926	9.700	9.700
	18.500	17.181	15.856	14.489	11.084	15.856	9.175	10.576	10.292	9.847	9.129	9.050	9.050
	17.820	16.229	14.649	12.909	9.091	14.649	6.346	7.545	7.510	7.333	6.995	6.550	6.550
	17.090	15.194	13.291	11.231	7.797	13.291	5.637	6.685	6.590	6.405	6.141	6.000	6.000
	16.360	14.118	11.800	9.211	5.252	11.800	4.577	6.005	5.925	5.769	5.459	5.250	5.250
	15.630	13.285	10.876	8.308	4.052	10.876	2.971	4.905	4.840	4.729	4.592	4.400	4.400
	14.900	12.960	10.990	8.868	4.821	10.990	2.697	4.490	4.461	4.369	4.267	4.200	4.200
	14.170	12.239	10.306	8.207	4.184	10.306	2.231	4.120	4.204	4.131	4.044	4.000	4.000
	13.440	11.961	10.491	8.671	5.313	10.491	2.705	4.055	4.054	3.933	3.857	3.800	3.800
	12.710	11.103	9.500	7.874	5.979	9.500	2.616	3.998	3.978	3.840	3.739	3.650	3.650
	11.980	10.419	8.857	7.290	5.621	8.857	2.779	3.897	3.820	3.647	3.523	3.350	3.350
	11.250	9.761	8.283	6.794	5.189	8.283	2.131	3.552	3.505	3.338	3.173	3.000	3.000
	10.500	9.114	7.722	6.323	4.921	7.722	3.561	3.357	3.179	2.999	2.819	2.640	2.640
	9.750	8.454	7.149	5.831	4.528	7.149	3.357	3.029	2.828	2.639	2.449	2.260	2.260
	9.000	7.785	6.576	5.307	4.074	6.576	2.965	2.655	2.455	2.266	2.074	1.880	1.880
	8.250	7.100	5.950	4.800	3.650	5.950	2.500	2.300	2.100	1.910	1.700	1.500	1.500
<<<<<					>>>>								
	0	-0.020	0.275	-0.042	0	0	-0.273	0.228	0.068	0	-0.094	0.185	0
	0	0.108	0.352	0.032	-0.209	0.352	-0.101	0.013	0.194	-0.064	-0.064	0.080	0
	0	0.035	0.121	-0.215	-2.185	0.121	-2.171	-0.083	0.026	0.080	-0.023	0.066	0
	0	-0.177	0.119	-0.432	-2.523	0.119	-2.298	-0.276	-0.003	-0.018	-0.066	0.066	0
	0	-0.069	-0.134	-0.251	-2.396	-0.134	-2.255	-0.464	-0.368	-0.423	-0.161	0.245	0
	0	-0.021	-0.041	-0.211	-2.459	-0.041	-0.504	0.295	0.350	0.283	0.245	0.051	0
	0	-0.006	-0.019	-0.189	-1.793	-0.019	-1.413	-0.075	0.020	0.025	0.051	0.051	0
	0	0.078	0.080	0.171	-1.828	0.080	-1.583	-0.235	-0.085	-0.121	-0.011	-0.092	0
	0	0.155	0.246	0.178	-1.578	0.246	-1.909	-0.075	0.150	0.129	0.092	0.092	0
	0	-0.090	-0.210	-0.482	-2.679	-0.210	-1.883	-0.200	0.021	0.009	0.017	0.017	0
	0	0.119	0.236	0.177	-1.796	0.236	-1.699	-0.140	0.004	0.001	0.014	0.014	0
	0	-0.139	-0.289	-0.589	-2.817	-0.289	-1.975	-0.075	0.004	0.033	0.017	0.017	0
	0	0.053	0.100	0.124	-0.121	0.100	-1.834	-0.122	-0.022	-0.010	-0.011	-0.011	0
	0	-0.001	0.007	0.010	-0.089	0.007	-1.361	-0.153	-0.030	-0.003	-0.027	0.003	0
	0	0.011	0.013	0.004	-0.121	0.013	-1.699	-0.128	-0.005	-0.002	-0.003	-0.003	0
	0	-0.006	0.002	0.003	0.001	0.002	0.041	-0.003	-0.001	-0.001	-0.001	-0.001	0
	0	0.004	0.009	0.001	0.008	0.009	0.147	0.009	-0.002	-0.001	-0.001	-0.001	0
	0	0.015	-0.014	0.017	0.024	-0.014	0.155	0.015	0.005	0.006	0.004	0.004	0
	0	0	0	0	0	0	0	0	0	0	0	0	0

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[[[[[ After 10 Year(s) ]]]]]
<<<<< Calculation Water Level >>>>>
19.750 18.580 17.850 16.900 15.750 14.950 14.000 13.510 12.400 11.050
19.500 18.253 17.137 16.686 16.378 14.084 13.146 12.580 11.490 10.900
19.250 17.859 16.612 16.202 15.573 13.435 12.350 11.793 10.937 10.300
19.000 17.748 16.551 15.877 13.188 12.720 11.839 11.125 10.556 10.200
18.750 17.671 16.412 15.589 12.414 12.028 11.281 10.598 9.930 9.700
18.500 17.173 15.842 14.441 10.840 10.518 10.258 9.812 9.116 9.050
17.820 16.226 14.642 12.867 8.962 7.560 7.538 7.356 7.015 6.550
17.090 15.194 13.268 11.199 7.552 6.667 6.593 6.409 6.147 6.000
16.360 14.126 11.809 9.208 5.071 5.971 5.917 5.760 5.453 5.250
15.630 13.298 10.895 8.305 3.880 4.880 4.851 4.740 4.600 4.400
14.900 12.954 10.973 8.809 4.568 4.455 4.462 4.371 4.270 4.200
14.170 12.247 10.320 8.196 3.990 4.029 4.053 3.936 3.859 3.800
13.440 11.950 10.465 8.803 5.061 3.971 3.975 3.839 3.738 3.650
12.710 11.107 9.506 7.876 5.930 3.871 3.916 3.646 3.520 3.350
11.980 10.420 8.858 7.290 5.598 3.528 3.503 3.337 3.173 3.000
11.250 9.762 8.284 6.793 5.166 3.355 3.178 2.999 2.818 2.640
10.500 9.114 7.722 6.323 4.919 3.030 2.828 2.639 2.449 2.260
9.750 8.454 7.149 5.832 4.530 3.030 2.828 2.639 2.449 2.260
8.000 7.786 6.576 5.308 4.077 2.657 2.456 2.267 2.075 1.880
8.250 7.100 5.950 4.800 3.650 2.300 2.100 1.910 1.700 1.500

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<<<<< Calculation Total Change >>>>>
0 0 0 0 0 0 0 0 0 0
0 0.017 0.297 0.044 0 0 0 0 0 0
0 0.119 0.382 0.032 0 0.244 0.076 0 0.100 0
0 0.038 0.131 0 0.015 0.210 0.029 0 0.067 0.087
0 0.189 0.122 0 0.110 0.029 0.029 0 0.085 0.024
0 0.077 0.148 0 0.322 0.009 0.009 0 0.022 0.070
0 0.024 0.048 0 0.522 0.402 0.402 0 0.458 0.174
0 0.006 0.022 0 0.310 0.378 0.378 0 0.306 0.265
0 0.086 0.089 0 0.221 0.093 0.093 0 0.029 0.057
0 0.168 0.069 0 0.168 0.023 0.023 0 0.130 0.012
0 0.168 0.265 0 0.100 0.161 0.161 0 0.140 0.100
0 0.096 0.227 0 0.235 0.022 0.022 0 0.011 0.020
0 0.137 0.250 0 0.169 0.003 0.003 0 0.001 0.016
0 0.150 0.315 0 0.101 0.003 0.003 0 0.036 0.019
0 0.057 0.106 0 0.149 0.025 0.025 0 0.011 0.012
0 0.000 0.008 0 0.179 0.034 0.034 0 0.004 0.030
0 0.012 0.014 0 0.152 0.007 0.007 0 0.003 0.003
0 0.006 0.002 0 0.005 0.002 0.002 0 0.001 0.002
0 0.004 0.009 0 0.010 0.002 0.002 0 0.001 0.001
0 0.016 0.014 0 0.017 0.006 0.006 0 0.007 0.005
0 0 0 0 0.027 0 0 0 0.007 0

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[[[[[After 13 Year(s)]]]]]	Calculation Water Level	>>>>	16.000	14.950	14.000	13.510	12.400	11.050
<<<<	19.750	17.850	16.900	16.750	16.000	14.950	14.000	13.510	12.400	11.050
	19.500	17.195	16.682	16.324	15.495	14.124	13.169	12.566	11.529	10.900
	19.250	16.692	16.195	15.447	14.462	13.434	12.391	11.797	10.957	10.300
	19.000	16.576	15.751	12.602	11.393	12.627	11.844	11.140	10.557	10.200
	18.750	16.411	15.403	11.684	10.192	11.875	11.258	10.586	9.938	9.700
	18.500	15.801	14.281	10.181	8.315	10.339	10.164	9.718	9.080	9.050
	17.820	14.616	12.725	8.211	5.976	7.583	7.612	7.418	7.069	6.550
	17.090	13.276	11.091	7.015	5.076	6.605	6.601	6.421	6.164	6.000
	16.360	11.834	9.178	4.550	3.923	5.862	5.738	5.457	5.250	5.250
	15.630	10.944	8.276	3.371	2.228	4.792	4.877	4.770	4.623	4.400
	14.900	10.926	8.628	3.849	1.912	4.340	4.461	4.377	4.277	4.200
	14.170	10.352	8.135	3.415	1.524	3.991	4.196	4.133	4.050	4.000
	13.440	10.394	8.598	4.358	1.911	3.936	4.047	3.943	3.863	3.800
	12.710	11.115	7.867	5.759	1.961	3.877	3.962	3.836	3.735	3.650
	11.980	9.863	7.288	5.519	2.261	3.784	3.802	3.643	3.514	3.350
	11.250	8.287	6.788	5.087	1.598	3.446	3.494	3.336	3.173	3.000
	10.500	7.723	6.323	4.912	3.515	3.347	3.177	2.998	2.818	2.640
	9.750	7.151	5.833	4.537	3.402	3.037	2.828	2.639	2.449	2.260
	9.000	6.574	5.312	4.088	3.015	2.665	2.458	2.269	2.076	1.880
	8.250	5.950	4.800	3.650	2.500	2.300	2.100	1.910	1.700	1.500
<<<<			Calculation Total Change	>>>>						
	0	0	0	0	0	0	0	0	0	0
	-0.008	0.355	-0.048	-0.255	-0.355	0.284	0.099	-0.114	0.239	0
	0.151	0.462	0.025	-0.373	-0.238	0.014	0.251	-0.073	0.107	0
	0.047	0.156	-0.379	-2.978	-2.957	-0.203	0.034	0.100	-0.023	0
	-0.221	0.121	-0.677	-3.506	-3.218	-0.475	-0.032	-0.034	0.078	0
	-0.100	-0.189	-0.459	-3.349	-3.115	-0.701	-0.496	-0.552	-0.210	0
	-0.033	-0.074	-0.395	-3.339	-0.874	0.333	0.452	0.368	0.319	0
	-0.006	-0.034	-0.329	-2.515	-1.974	-0.155	0.031	0.041	0.074	0
	0.108	0.114	0.138	-2.530	-2.237	-0.378	-0.118	-0.152	-0.013	0
	0.204	0.314	0.146	-2.259	-2.652	-0.188	0.187	0.170	0.123	0
	-0.111	-0.274	-0.722	-3.651	-2.650	-0.350	0.021	0.017	0.027	0
	0.149	0.282	0.105	-2.565	-2.406	-0.269	-0.004	0.003	0.020	0
	-0.180	-0.386	-0.862	-3.772	-2.769	-0.194	-0.003	0.043	0.023	0
	0.065	0.119	0.117	-0.341	-2.489	-0.243	-0.038	-0.014	-0.015	0
	0.002	0.013	0.008	-0.191	-1.879	-0.266	-0.048	-0.007	-0.036	0
	0.014	0.017	-0.002	-0.223	-2.232	-0.234	-0.016	-0.004	0.003	0
	-0.007	0.003	0.003	-0.008	-0.005	-0.013	-0.003	-0.002	-0.002	0
	0.006	0.011	0.003	0.017	0.192	0.017	-0.001	-0.001	-0.001	0
	0.019	-0.016	0.022	0.038	0.205	0.025	0.008	0.009	0.006	0
	0	0	0	0	0	0	0	0	0	0

[[[[[After 15 Year(s)]]]]

<<<<< Calculation Water Level >>>>>

19.750	18.580	17.850	16.900	16.750	16.000	14.950	14.000	13.510	12.400	11.050
19.500	19.271	17.228	16.679	16.289	15.458	14.145	13.193	12.560	11.551	10.900
19.250	17.911	16.738	16.186	15.357	14.382	13.430	12.415	11.785	10.969	10.300
19.000	17.763	16.588	15.660	12.236	11.030	12.556	11.845	11.148	10.558	10.200
18.750	17.622	16.403	15.271	11.220	9.754	11.763	11.239	10.576	9.941	9.700
18.500	17.135	15.772	14.161	9.678	7.909	10.215	10.105	9.663	9.059	9.050
17.820	16.211	14.596	12.620	7.804	5.773	7.584	7.654	7.454	7.100	6.550
17.090	15.194	13.265	11.011	6.671	4.805	6.557	6.605	6.430	6.176	6.000
16.360	14.161	11.848	9.143	4.216	3.609	5.782	5.875	5.725	5.457	5.250
15.630	13.354	10.971	8.241	3.040	1.875	4.723	4.889	4.787	4.637	4.400
14.900	12.932	10.896	8.503	3.399	1.539	4.254	4.457	4.382	4.281	4.200
14.170	12.280	10.364	8.076	3.041	1.181	3.915	4.189	4.134	4.052	4.000
13.440	11.902	10.350	8.461	3.926	1.534	3.862	4.041	3.946	3.866	3.800
12.710	11.119	9.524	7.851	5.628	1.658	3.806	3.951	3.835	3.733	3.650
11.980	10.423	8.866	7.283	5.456	2.019	3.719	3.790	3.641	3.510	3.350
11.250	9.766	8.289	6.783	5.030	1.366	3.387	3.486	3.335	3.172	3.000
10.500	9.113	7.723	6.323	4.904	3.484	3.339	3.176	2.998	2.818	2.640
9.750	8.456	7.152	5.835	4.541	3.420	3.041	2.828	2.639	2.449	2.260
9.000	7.790	6.574	5.315	4.094	3.036	2.671	2.459	2.270	2.077	1.880
8.250	7.100	5.950	4.800	3.650	2.500	2.300	2.100	1.910	1.700	1.500

<<<<< Calculation Total Change >>>>>

0	0	0	0	0	0	0	0	0	0	0
0	0.001	0.388	-0.051	-0.291	-0.392	0.305	0.113	-0.120	0.261	0
0	0.171	0.508	0.016	-0.463	-0.318	0.010	0.275	-0.075	0.119	0
0	0.053	0.168	-0.470	-3.344	-3.320	-0.274	0.035	0.108	-0.022	0
0	-0.238	0.113	-0.809	-3.970	-3.656	-0.587	-0.051	-0.044	0.081	0
0	-0.115	-0.218	-0.579	-3.802	-3.521	-0.825	-0.555	-0.607	-0.231	0
0	-0.039	-0.094	-0.500	-3.746	-1.077	0.334	0.494	0.404	0.350	0
0	-0.006	-0.045	-0.409	-2.859	-2.245	-0.203	0.035	0.050	0.086	0
0	0.121	0.128	0.103	-2.862	-2.551	-0.458	-0.135	-0.165	-0.013	0
0	0.224	0.341	0.111	-2.590	-3.005	-0.257	0.199	0.187	0.137	0
0	-0.118	-0.304	-0.847	-4.101	-3.031	-0.436	0.017	0.022	0.031	0
0	0.160	0.294	0.046	-2.939	-2.749	-0.345	-0.011	0.004	0.022	0
0	-0.198	-0.430	-0.999	-4.204	-3.146	-0.268	-0.009	0.046	0.026	0
0	0.069	0.124	0.101	-0.472	-2.792	-0.314	-0.049	-0.015	-0.017	0
0	0.003	0.016	0.003	-0.254	-2.121	-0.331	-0.060	-0.009	-0.040	0
0	0.016	0.019	-0.007	-0.280	-2.464	-0.293	-0.024	-0.005	0.002	0
0	-0.007	0.003	0.003	-0.016	-0.036	-0.021	-0.004	-0.002	-0.002	0
0	0.006	0.012	0.005	0.021	0.210	0.021	-0.002	-0.001	-0.001	0
0	0.020	-0.016	0.025	0.044	0.226	0.031	0.009	0.010	0.007	0
0	0	0	0	0	0	0	0	0	0	0

[[[[	After 16 Year(s)	]]]]	Calculation Water Level		Calculation Total Change				
<<<<<		>>>>>							
19.750	18.580	17.850	16.900	16.000	14.950	14.000	13.510	12.400	11.050
19.500	18.275	17.243	16.678	15.440	14.154	13.190	12.557	11.561	10.900
19.250	17.921	16.759	16.180	14.340	13.426	12.425	11.785	10.975	10.300
19.000	17.766	16.593	15.612	10.855	12.517	11.844	11.151	10.559	10.200
18.750	17.614	16.397	15.203	9.541	11.704	11.227	10.571	9.943	9.700
18.500	17.127	15.757	14.098	7.711	10.153	10.076	9.637	9.050	9.050
17.820	16.207	14.584	12.565	5.668	7.579	7.672	7.471	7.115	6.550
17.090	15.194	13.260	10.969	4.672	6.531	6.607	6.434	6.182	6.000
16.360	14.167	11.854	9.122	3.454	5.741	5.867	5.720	5.458	5.250
15.630	13.364	10.982	8.218	1.702	4.685	4.893	4.796	4.643	4.400
14.900	12.928	10.882	8.440	1.356	4.209	4.454	4.384	4.284	4.200
14.170	12.285	10.358	8.041	1.012	3.874	4.185	4.135	4.054	4.000
13.440	11.894	10.328	8.393	1.351	3.822	4.037	3.948	3.867	3.800
12.710	11.120	9.526	7.840	1.511	3.768	3.945	3.834	3.732	3.650
11.980	10.424	8.857	7.280	1.903	3.686	3.784	3.639	3.508	3.350
11.250	9.766	8.290	6.780	1.257	3.356	3.482	3.235	3.172	3.000
10.500	9.113	7.724	6.323	3.467	3.334	3.175	2.998	2.818	2.640
9.750	8.457	7.153	5.835	3.428	3.043	2.829	2.639	2.449	2.260
9.000	7.791	6.574	5.316	3.046	2.674	2.460	2.270	2.077	1.880
8.250	7.100	5.950	4.800	2.500	2.300	2.100	1.910	1.700	1.500
<<<<<					>>>>>				
0	0	0	0	0	0	0	0	0	0
0	0.005	0.403	-0.052	-0.410	0.314	0.120	-0.123	0	0
0	0.181	0.529	0.010	-0.360	0.006	0.285	-0.075	0.271	0
0	0.056	0.173	-0.518	-3.495	-0.313	0.034	-0.075	0.125	0
0	-0.246	0.107	-0.877	-3.869	-0.646	-0.063	0.111	-0.021	0
0	-0.123	-0.233	-0.642	-3.719	-0.887	-0.584	-0.049	0.083	0
0	-0.043	-0.106	-0.555	-1.182	0.329	0.512	0.421	-0.240	0
0	-0.006	-0.050	-0.451	-2.378	-0.229	0.037	0.054	0.092	0
0	0.127	0.134	0.082	-2.706	-0.499	-0.143	-0.170	-0.012	0
0	0.234	0.352	0.088	-3.178	-0.295	0.203	0.196	0.143	0
0	-0.122	-0.318	-0.910	-3.214	-0.481	0.014	0.024	0.034	0
0	0.165	0.298	0.011	-2.918	-0.385	-0.015	0.005	0.024	0
0	-0.206	-0.452	-1.067	-3.329	-0.308	-0.013	0.048	0.027	0
0	0.070	0.126	0.090	-2.939	-0.354	-0.055	-0.016	-0.018	0
0	0.004	0.017	0.000	-2.237	-0.364	-0.066	-0.011	-0.042	0
0	0.016	0.020	-0.010	-2.573	-0.324	-0.028	-0.005	-0.002	0
0	-0.007	0.004	0.003	-0.053	-0.026	-0.005	-0.002	-0.002	0
0	0.007	0.013	0.005	0.218	0.023	-0.001	-0.001	-0.001	0
0	0.021	-0.016	0.026	0.236	0.034	0.010	0.010	0.007	0
0	0	0	0	0	0	0	0	0	0

[[[[[

After 19 Year(s)]]]]

<<<<<

Calculation Water Level

>>>>>

19.750	18.580	17.850	16.900	16.750	14.950	14.000	13.510	12.400	11.050
19.500	18.289	17.285	16.674	16.220	14.176	13.210	12.552	11.588	10.900
19.250	17.948	16.815	16.156	15.162	13.410	12.453	11.785	10.991	10.300
19.000	17.773	16.600	15.464	11.554	12.394	11.839	11.160	10.562	10.200
18.750	17.592	16.373	14.992	10.343	11.519	11.189	10.555	9.945	9.700
18.500	17.105	15.707	13.899	8.818	9.960	9.993	9.568	9.023	9.050
17.820	16.197	14.546	12.389	7.042	7.550	7.713	7.515	6.550	6.550
17.090	15.193	13.239	10.833	6.013	6.446	6.609	6.447	6.199	6.000
16.360	14.185	11.867	9.044	3.584	5.611	5.840	5.706	5.459	5.250
15.630	13.390	11.008	8.137	2.394	4.562	4.900	4.818	4.661	4.400
14.900	12.920	10.838	8.247	2.560	4.064	4.443	4.390	4.291	4.200
14.170	12.296	10.369	7.918	2.318	3.741	4.168	4.136	4.057	4.000
13.440	11.871	10.264	8.188	3.135	3.691	4.021	3.952	3.871	3.800
12.710	11.124	9.525	7.796	5.340	3.647	3.925	3.830	3.730	3.650
11.980	10.426	8.870	7.266	5.313	3.579	3.763	3.635	3.503	3.350
11.250	9.768	8.292	6.768	4.910	3.262	3.467	3.333	3.171	3.000
10.500	9.113	7.725	6.321	4.983	3.317	3.172	2.997	2.817	2.640
9.750	8.458	7.154	5.837	4.550	3.049	2.829	2.639	2.449	2.260
9.000	7.793	6.573	5.320	4.108	2.683	2.462	2.272	2.079	1.880
8.250	7.100	5.950	4.800	3.650	2.300	2.100	1.910	1.700	1.500

<<<<<

Calculation Total Change

>>>>>

0	0.019	0.445	0	0	0.336	0.140	0	0	0
0	0.208	0.585	-0.014	-0.658	-0.010	0.313	-0.128	0.298	0
0	0.063	0.180	-0.666	-4.026	-0.436	0.029	-0.075	0.141	0
0	-0.268	0.083	-1.088	-4.847	-0.831	-0.101	0.120	-0.018	0
0	-0.145	-0.283	-0.841	-4.662	-1.030	-0.667	-0.065	0.085	0
0	-0.053	-0.144	-0.731	-4.508	0.300	0.558	-0.702	-0.267	0
0	-0.007	-0.071	-0.567	-3.517	-0.314	0.039	0.465	0.403	0
0	0.145	0.147	0.004	-3.496	-0.629	0.039	0.067	0.109	0
0	0.260	0.378	0.007	-3.236	-0.418	-0.170	-0.184	-0.011	0
0	-0.130	-0.362	-1.103	-4.940	-0.626	0.210	0.218	0.161	0
0	0.176	0.299	-0.112	-3.662	-0.519	0.003	0.030	0.041	0
0	-0.229	-0.516	-1.272	-3.662	-0.439	-0.032	0.006	0.027	0
0	0.074	0.125	0.046	-4.995	-0.471	-0.029	0.052	0.021	0
0	0.006	0.020	-0.014	-0.760	-0.471	-0.075	-0.020	-0.020	0
0	0.018	0.022	-0.022	-0.397	-0.471	-0.067	-0.015	-0.047	0
0	-0.007	0.005	0.001	-0.400	-0.418	-0.043	-0.007	0.001	0
0	0.008	0.014	0.007	-0.037	-0.043	-0.008	-0.003	-0.003	0
0	0.023	-0.017	0.030	0.030	0.029	-0.001	-0.001	-0.001	0
0	0	0	0.030	0.058	0.043	0.012	0.012	0.008	0
0	0	0	0	0	0	0	0	0	0

[[[[After 20 Year(s)]]]]

<<<<<	Calculation Water Level	>>>>>
19.750	17.850	16.750
19.500	17.297	16.203
19.250	16.831	15.711
19.000	16.601	15.394
18.750	16.362	15.134
18.500	15.690	8.611
17.820	14.532	6.862
17.090	13.231	5.855
16.360	11.871	3.431
15.630	11.014	8.105
14.900	12.917	8.182
14.170	12.298	2.361
13.440	11.864	2.143
12.710	11.124	2.951
11.980	10.427	5.264
11.250	9.769	5.274
10.500	9.113	4.879
9.750	8.458	4.877
9.000	7.793	4.552
8.250	7.100	4.111
		3.650

<<<<<	Calculation Total Change	>>>>>
0	0	0
0	0.024	-0.377
0	0.217	-0.709
0	0.065	-4.186
0	-0.275	-5.056
0	-0.152	-4.869
0	-0.057	-4.479
0	-0.007	-1.619
0	0.151	-2.897
0	0.267	-3.306
0	-0.133	-3.843
0	0.178	-3.922
0	-0.236	-3.579
0	0.074	-4.034
0	0.007	-3.493
0	0.019	-2.679
0	-0.007	-2.968
0	0.008	-0.127
0	0.023	0.244
0		0.272
0		0.061
0		0

13.510	14.950	14.000	13.510	12.400	11.050
12.551	14.181	13.216	12.551	11.596	10.900
11.786	13.403	12.461	11.786	10.996	10.300
11.162	12.351	11.836	11.162	10.563	10.200
10.547	11.455	11.175	10.547	9.945	9.700
7.528	9.895	9.967	9.547	9.015	9.050
6.451	7.535	7.730	7.528	7.164	6.550
5.703	6.415	6.609	6.451	6.204	6.000
4.824	5.566	5.831	5.703	5.459	5.250
4.392	4.518	4.901	4.824	4.667	4.400
4.136	4.013	4.438	4.392	4.293	4.200
3.953	3.693	4.161	4.136	4.059	4.000
3.829	3.644	4.014	3.953	3.872	3.800
3.634	3.604	3.917	3.829	3.729	3.650
3.332	3.542	3.756	3.634	3.502	3.350
2.997	3.230	3.461	3.332	3.171	3.000
2.640	3.310	3.171	2.997	2.817	2.640
2.540	3.051	2.829	2.640	2.449	2.250
2.272	2.686	2.463	2.272	2.078	1.880
1.910	2.300	2.100	1.910	1.700	1.500

0	0	0	0	0	0
-0.129	0.341	0.146	-0.129	0.306	0
-0.074	-0.017	0.321	-0.074	0.146	0
0.122	-0.479	0.026	0.122	-0.017	0
-0.071	-0.895	-0.115	-0.071	0.085	0
-0.723	-1.145	-0.693	-0.723	-0.275	0
0.478	0.285	0.570	0.478	0.414	0
0.071	-0.345	0.039	0.071	0.114	0
-0.187	-0.674	-0.179	-0.187	-0.011	0
0.224	-0.462	0.211	0.224	0.167	0
0.032	-0.677	-0.002	0.032	0.043	0
0.006	-0.567	-0.039	0.006	0.029	0
0.053	-0.486	-0.036	0.053	0.032	0
-0.021	-0.516	-0.083	-0.021	-0.021	0
-0.016	-0.508	-0.094	-0.016	-0.048	0
-0.008	-0.450	-0.049	-0.008	0.001	0
-0.003	-0.050	-0.009	-0.003	-0.003	0
-0.001	0.091	-0.001	-0.001	-0.001	0
0.012	0.046	0.013	0.012	0.008	0
0	0	0	0	0	0

IIII	After 21 Year(s)	IIII
<<<<<	Calculation Water Level	>>>>>
19.750	18.580	16.750
19.500	18.298	16.186
19.250	17.965	15.060
19.000	17.777	11.236
18.750	17.579	9.928
18.500	17.091	8.498
17.820	16.189	6.684
17.090	15.193	5.699
16.360	14.196	3.281
15.630	13.405	2.081
14.900	12.915	2.166
14.170	12.301	1.969
13.440	11.858	2.771
12.710	11.125	5.187
11.980	10.428	7.253
11.250	9.769	8.292
10.500	9.113	7.725
9.750	8.459	7.155
9.000	7.794	6.574
8.250	7.100	5.950
		16.000
		15.355
		14.111
		10.039
		8.524
		6.768
		5.119
		4.026
		2.709
		0.876
		0.476
		0.190
		0.477
		0.825
		1.356
		0.772
		3.374
		3.460
		3.090
		2.500
		14.950
		14.186
		13.395
		12.306
		11.389
		9.829
		7.518
		6.383
		5.520
		4.473
		3.961
		3.644
		3.596
		3.560
		3.504
		3.197
		3.303
		3.052
		2.689
		2.500
		14.000
		13.222
		12.468
		11.833
		11.160
		9.940
		7.741
		6.609
		5.822
		4.900
		4.432
		4.154
		4.007
		3.909
		3.748
		3.455
		3.170
		2.830
		2.464
		2.100
		14.510
		12.550
		11.787
		11.154
		10.543
		9.527
		7.540
		6.456
		5.699
		4.672
		4.296
		4.060
		3.873
		3.828
		3.632
		3.331
		2.997
		2.640
		2.449
		2.272
		1.910
		12.400
		11.604
		11.001
		10.565
		9.945
		9.008
		7.175
		6.550
		6.000
		5.250
		4.400
		4.200
		4.000
		3.800
		3.650
		3.350
		3.000
		2.640
		2.260
		1.880
		1.500

<<<<<	Calculation Total Change	>>>>>
0	0	0
0	0.468	0
0	0.225	0.616
0	0.067	0.181
0	-0.281	0.061
0	-0.159	-0.318
0	-0.061	-0.173
0	-0.007	-0.087
0	0.156	0.153
0	0.275	0.389
0	-0.135	-0.390
0	0.181	0.293
0	-0.242	-0.557
0	0.075	0.122
0	0.008	0.021
0	0.019	0.022
0	-0.007	-0.005
0	0.009	0.015
0	0.024	-0.016
0	0	0
0	-0.060	0
0	-0.035	0
0	-0.769	0
0	-1.233	0
0	-0.982	0
0	-0.854	0
0	-0.684	0
0	-0.059	0
0	-0.059	0
0	-1.234	0
0	-0.206	0
0	-1.408	0
0	-0.008	0
0	-0.027	0
0	-0.032	0
0	-0.001	0
0	0.009	0
0	0.015	0
0	-0.016	0
0	0.032	0
0	0	0
0	-0.394	0
0	-0.760	0
0	-4.344	0
0	-5.262	0
0	-5.072	0
0	-4.866	0
0	-1.731	0
0	-3.024	0
0	-3.451	0
0	-4.004	0
0	-4.094	0
0	-3.740	0
0	-4.203	0
0	-3.625	0
0	-2.784	0
0	-3.058	0
0	-0.146	0
0	0.250	0
0	0.280	0
0	0.065	0
0	0	0
0	0.152	0
0	0.328	0
0	0.023	0
0	-0.130	0
0	-0.720	0
0	0.581	0
0	0.039	0
0	-0.188	0
0	0.210	0
0	-0.008	0
0	-0.046	0
0	-0.043	0
0	-0.091	0
0	-0.102	0
0	-0.055	0
0	-0.010	0
0	-0.003	0
0	-0.001	0
0	-0.008	0
0	0.014	0
0	0	0
0	-0.130	0
0	-0.073	0
0	0.124	0
0	-0.077	0
0	-0.743	0
0	0.490	0
0	0.076	0
0	-0.191	0
0	0.230	0
0	0.007	0
0	0.007	0
0	0.053	0
0	-0.022	0
0	-0.016	0
0	-0.009	0
0	-0.003	0
0	-0.001	0
0	-0.008	0
0	0.012	0
0	0	0
0	0.314	0
0	0.151	0
0	-0.015	0
0	0.085	0
0	-0.282	0
0	0.425	0
0	0.119	0
0	-0.010	0
0	0.172	0
0	0.046	0
0	0.030	0
0	0.033	0
0	-0.021	0
0	-0.050	0
0	0.001	0
0	-0.003	0
0	-0.001	0
0	0.008	0

14. RESULT OF WATER ANALYSIS

RESULTS

Sample Name		Record of Test		Standard Value of Water in JAPAN
Items	Unit	18/Sep/'88 10A	21/Sep/'88 Agoi Well	
NO ₃ -N + NO ₂ -N	mg/l	0.04	1.42	≤ 10
Cl (Chlorine)	mg/l	112	250	≤ 200
KMnO ₄ Demand	mg/l	3.0	3.3	≤ 10
(Calcium and Magnesium)				as for Hardness
Ca + Mg	mg/l	140	360	≤ 300
Evaporation Residue	mg/l	810	2100	≤ 500
Ignition Residue	mg/l	580	1600	—

METHODS

NO ₃ -N + NO ₂ -N	JIS K 0102.43.2.1 JIS; JAPANESE INDUSTRIAL STANDARD
Cl (Chlorine)	JIS K 0102; Testing Methods for Industrial Wastewater Testing Methods for Service Water 4.32.2
KMnO ₄ Demand	Testing Methods for Service Water 4.12
Ca + Mg	Testing Methods for Service Water 4.23.2.1, 40.3 and 43.3
Evaporation Residue	Testing Methods for Service Water 4.24.2
Ignition Residue	Testing Methods for Service Water 4.24.3

15. SOIL TEST

(1) The result of soil test

1) Grain size

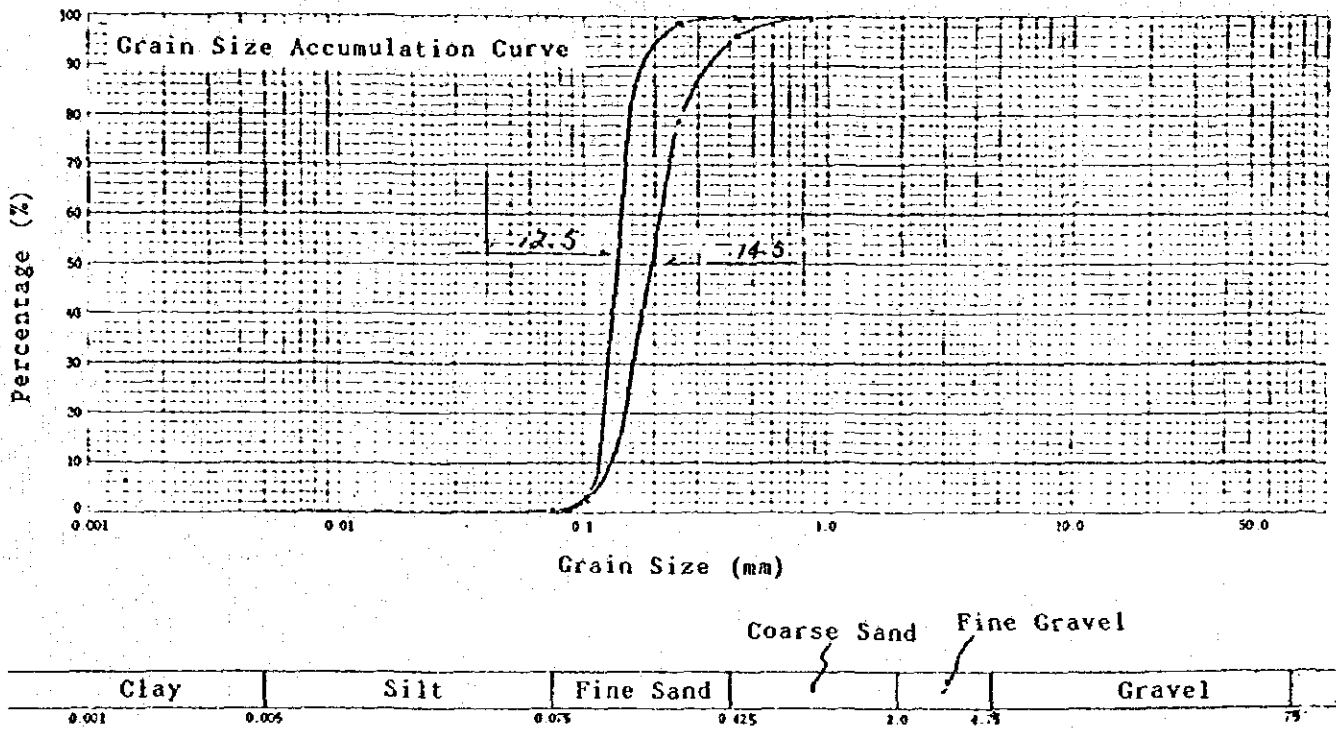
	14.5A	12.5A
Gravel %	0.0	0.0
Sand %	100.0	99.5
Silt %	0.0	0.0
Clay %	0.0	0.0
Max. grain size (mm)	2.00	0.85
Uniformity coefficient	1.59	1.23
Coefficient of curvature	0.95	0.96

2) Classification of soil

14.5A	Uniform-grain sand
12.5A	- do -

(2) Result of grain size analysis

	14.5A	12.5A
size (mm)	percent (%)	percent (%)
2.00	100.0	
0.85	99.5	100.0
0.425	96.1	99.8
0.257	8.5	98.3
0.106	2.1	3.6
0.075	0.2	0.6



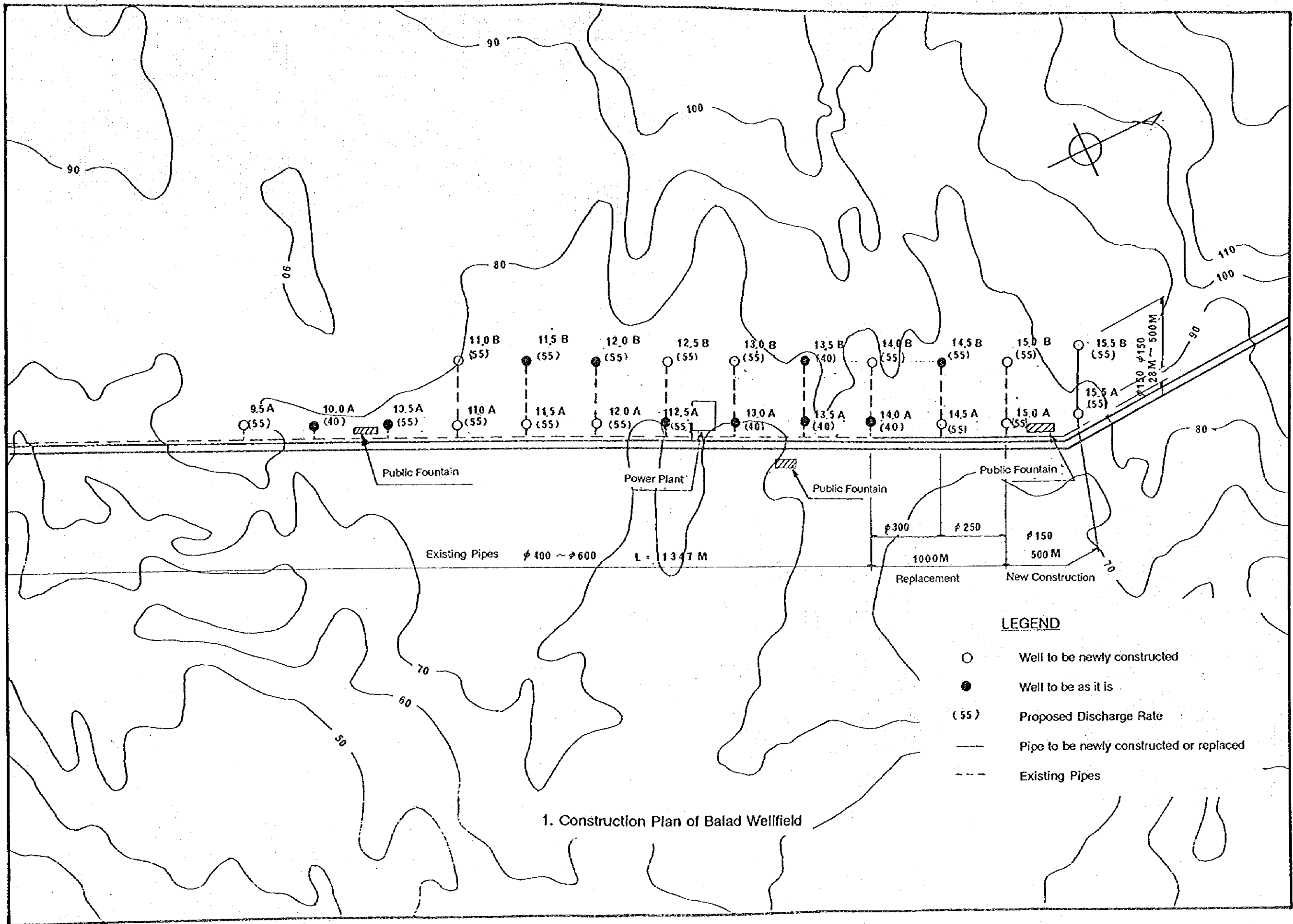
(3) Percentage of grain size and classification

		14.5a	12.5A
over 4.75 mm	%	0	0
fine gravel (4.75-2 mm)	%	0	0
coarse sand (2-0.4 mm)	%	4.0	0
fine sand (0.42-0.075 mm)	%	96.0	99.5
silt (0.075-0.005 mm)	%	0	0
clay under 0.005 mm	%	0	0
percentage 2000 μ m sieve		100.0	100.0
percentage 425 μ m sieve		96.0	100.0
percentage 75 μ m sieve		0	0.5
Max. grain size (mm)		2.00	0.85
60% grain size (mm)		0.21	0.145
30% grain size (mm)		0.162	0.128
10% grain size (mm)		0.132	0.118
Uniformity coefficient		1.59	1.23
Coefficient of curvature		0.95	0.96

BASIC DESIGN DRAWINGS

LIST OF BASIC DESIGN DRAWINGS

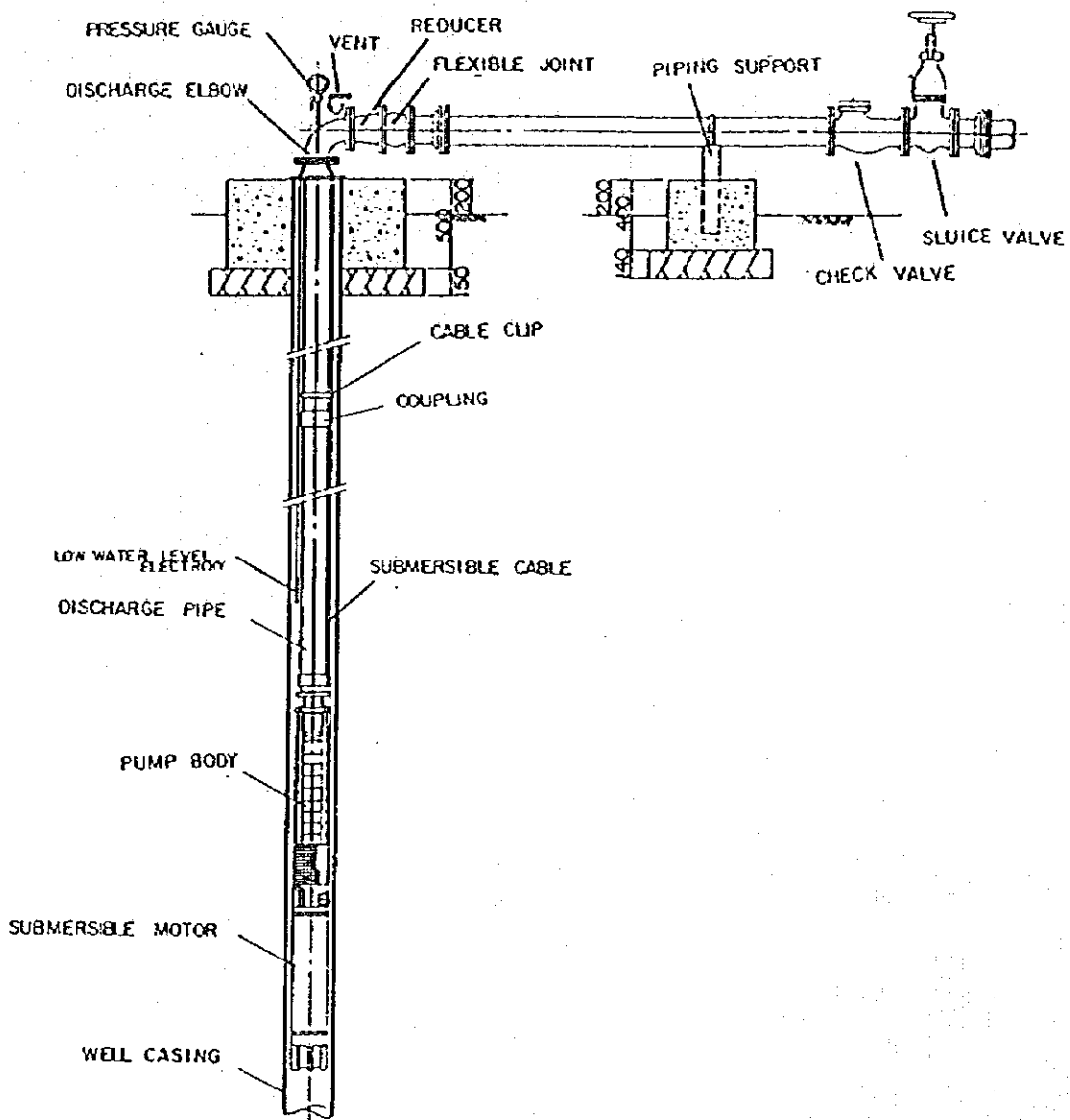
- 1. Construction Plan of Balad Wellfield**
- 2. Typical Section of Intake Facilities**
- 3. Profile of Well**
- 4. Installation Plan of Generators**
- 5. Plan of Fencing Work**
- 7. Installation Plan of Electric Facilities for Well**
- 8. Plan of Electric wiring Plan for Starter Panel**



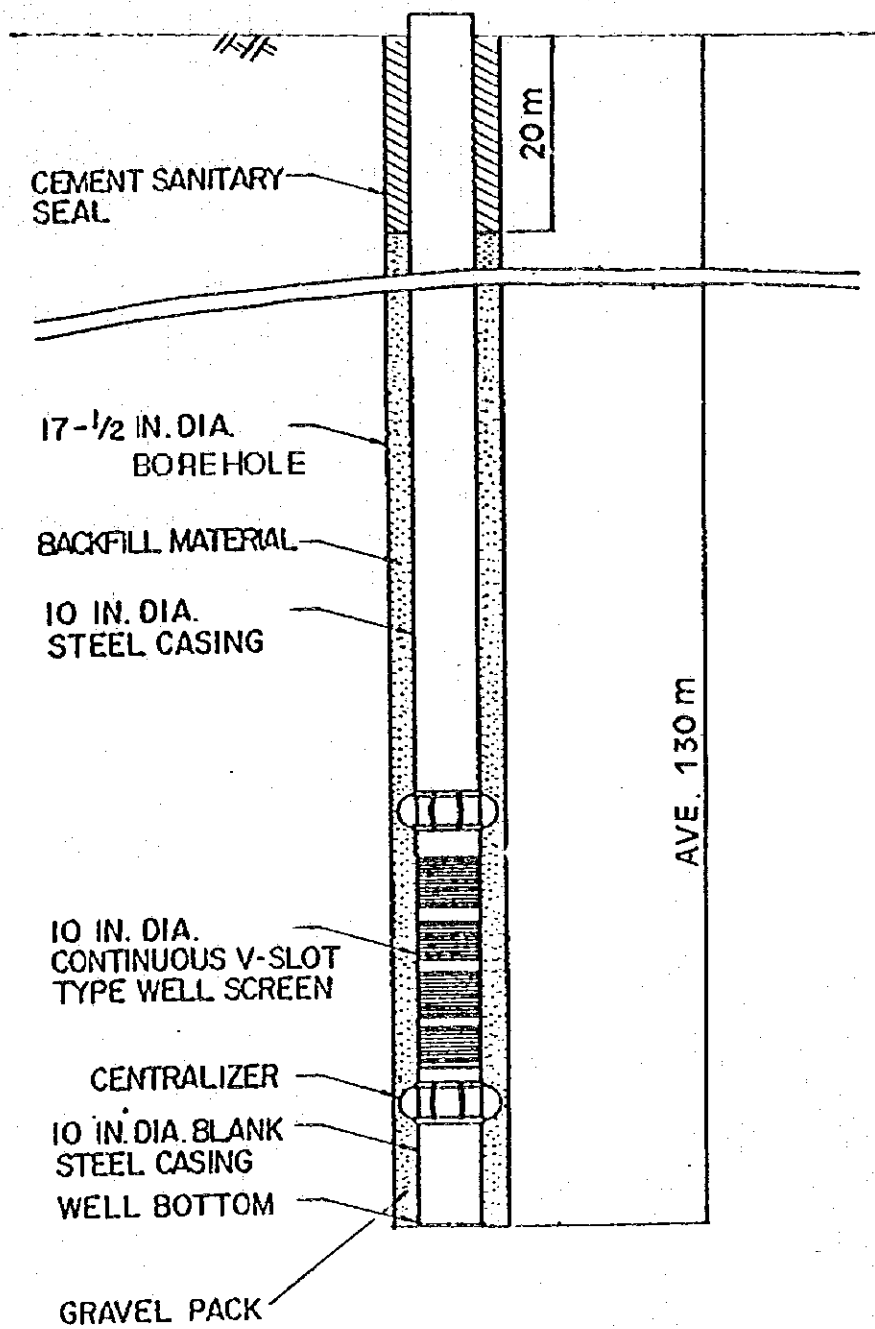
1. Construction Plan of Balad Wellfield

LEGEND

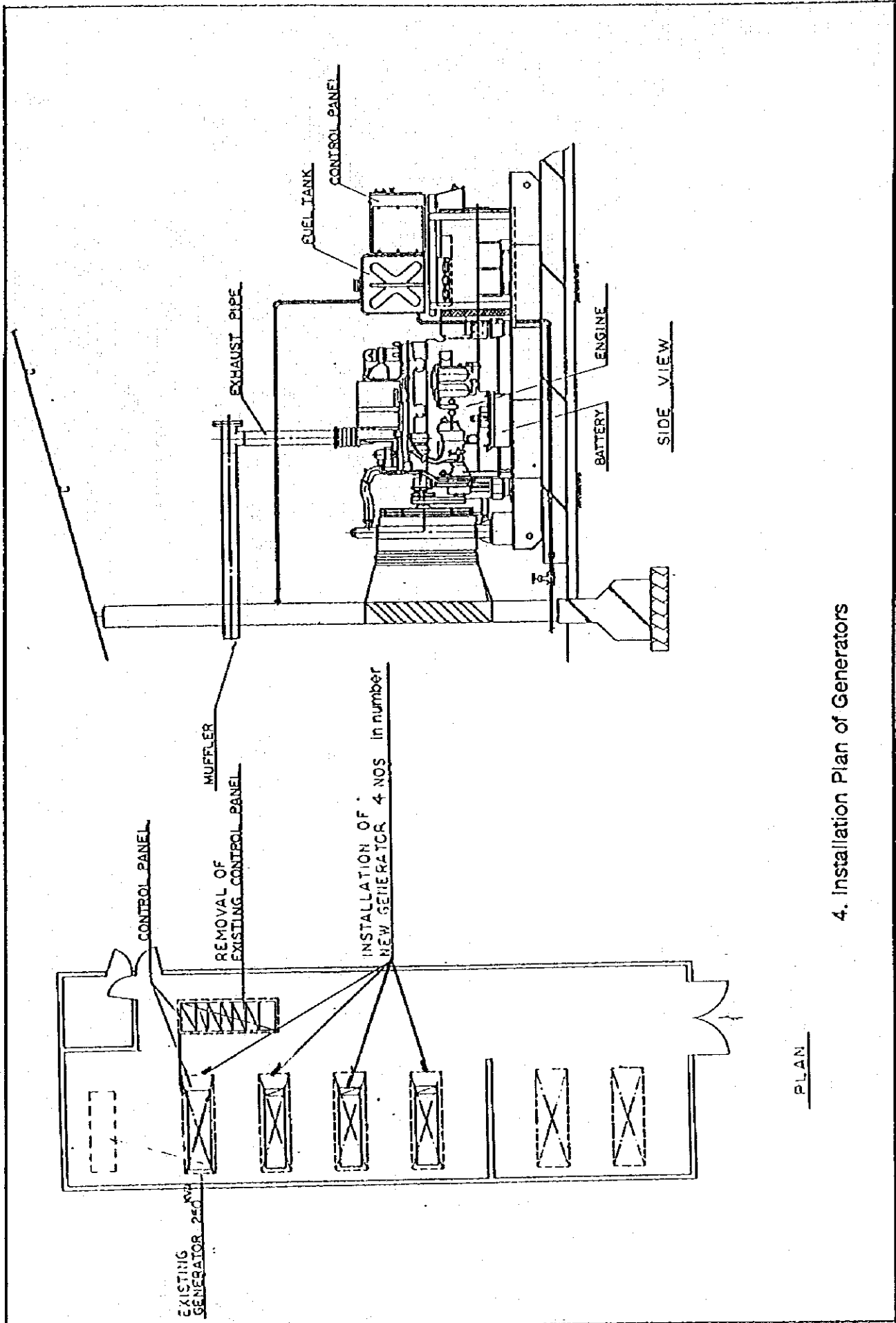
- Well to be newly constructed
- Well to be as it is
- (55) Proposed Discharge Rate
- Pipe to be newly constructed or replaced
- - - Existing Pipes



2. Typical Section of Intake Facilities

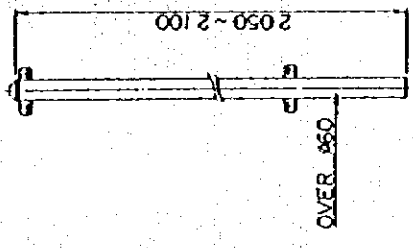


3. Profile of Well

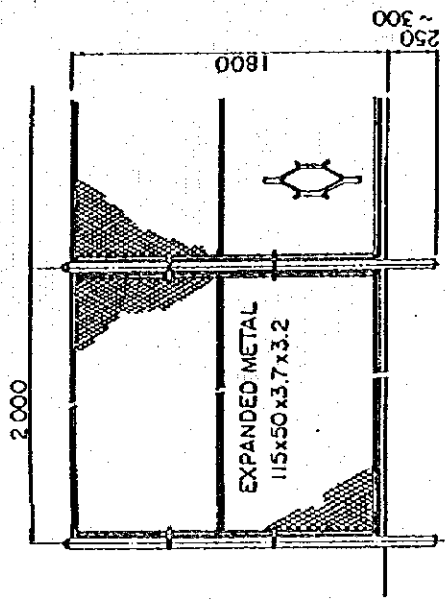


4. Installation Plan of Generators

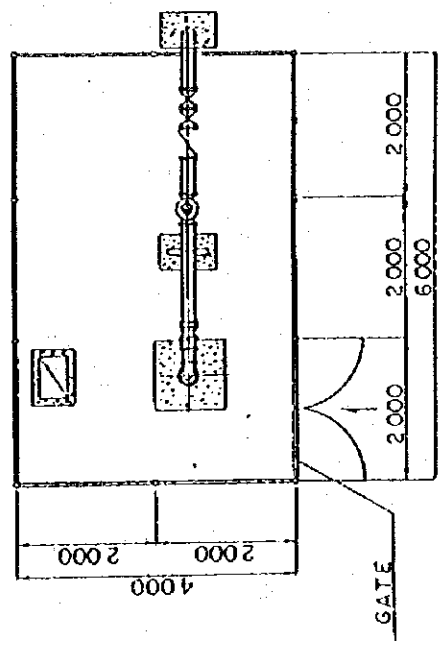
STEEL PIPE
SCALE 1:10



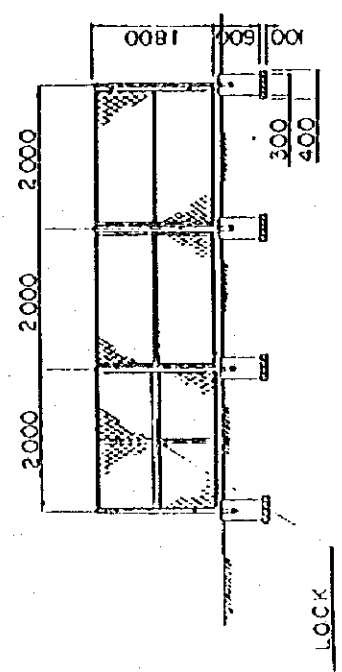
FENCE
SCALE 1:30



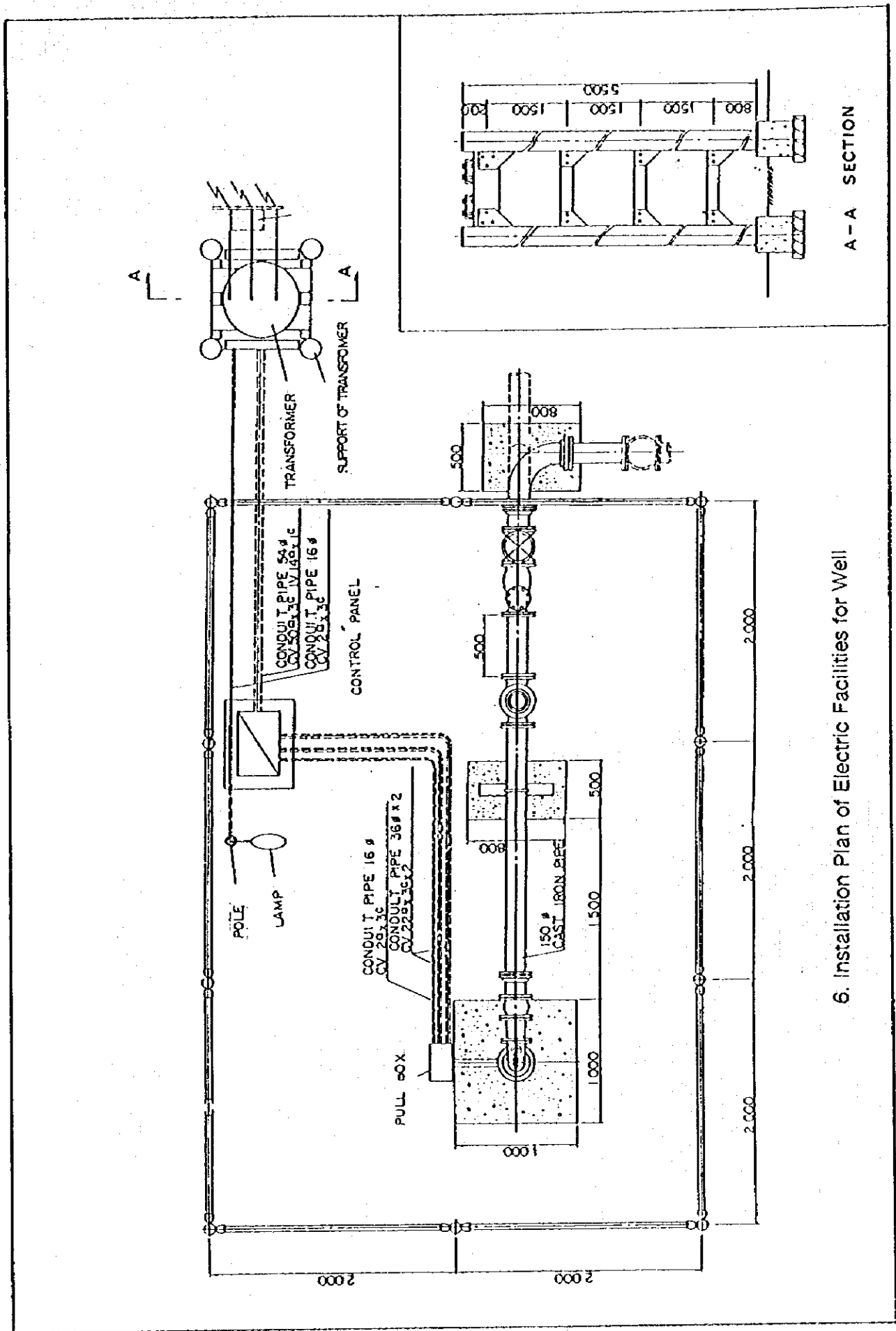
PLAN



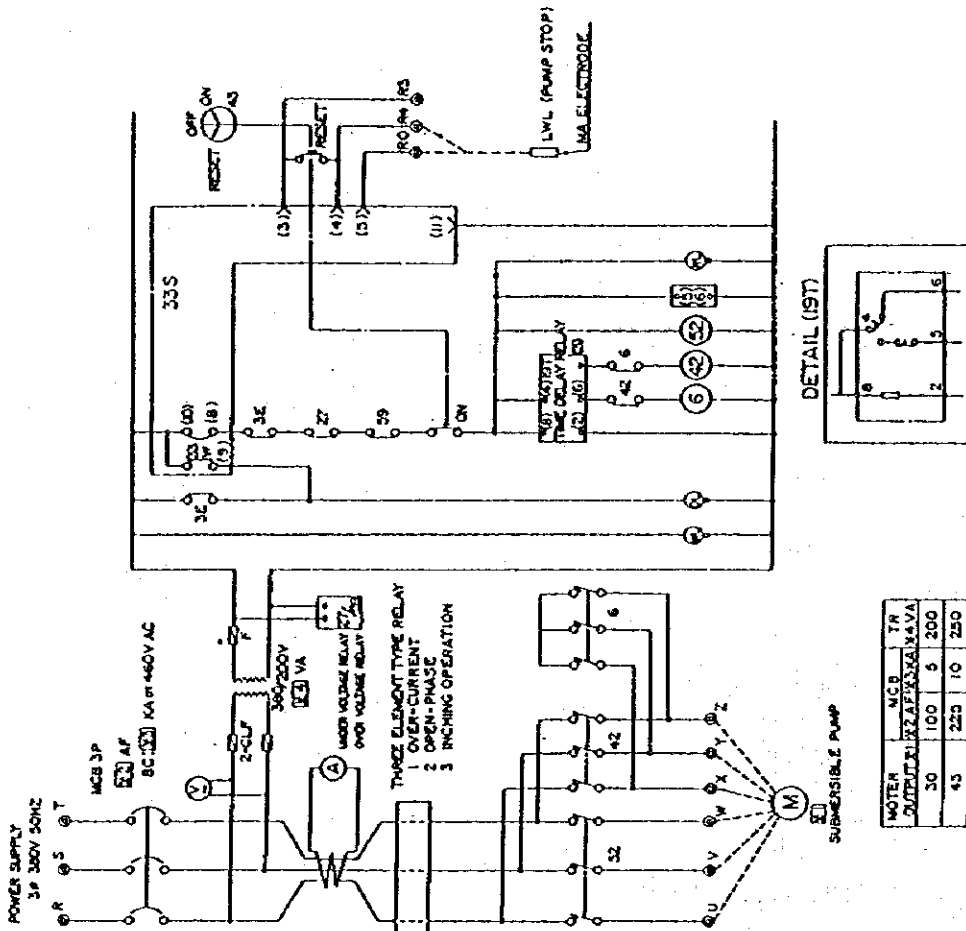
SIDE VIEW



5. Plan of Fencing Work



6. Installation Plan of Electric Facilities for Well



7. Plan of Electric Wiring for Starter Panel

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