| Waterloo Hydrogeologic<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 27.08.1998 | B-2 Step Drawdown, Page 4 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

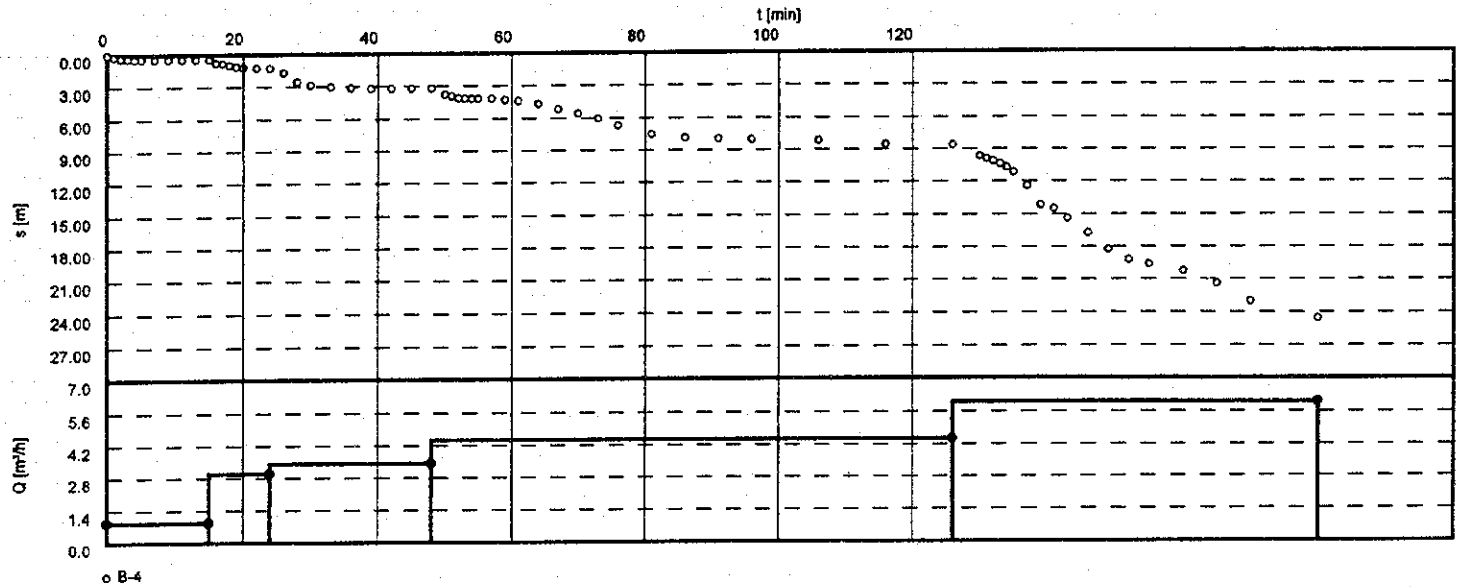
| | |
|---|---|
| Pumping Test No. B-2 Step Drawdown | Test conducted on: 13 Aug. 1998 |
| B-2 | B-2 |
| Discharge 2.782 m³/h | Distance from the pumping well 0.077 m |

Static water level: 12.030 m below datum

| | Pumping test duration [min] | Water level [m] | Drawdown [m] |
|---|---|---|---|
| 51 | 114.00 | 37.140 | 25.110 |
| 52 | 115.00 | 33.940 | 21.910 |
| 53 | 116.00 | 29.660 | 17.630 |
| 54 | 117.00 | 26.250 | 14.220 |
| 55 | 118.00 | 24.270 | 12.240 |
| 56 | 119.00 | 22.580 | 10.550 |
| 57 | 120.00 | 21.170 | 9.140 |
| 58 | 122.00 | 18.880 | 6.850 |
| 59 | 124.00 | 17.000 | 4.970 |
| 60 | 126.00 | 16.070 | 4.040 |
| 61 | 128.00 | 15.550 | 3.520 |
| 62 | 130.00 | 15.030 | 3.000 |
| 63 | 133.00 | 14.500 | 2.470 |
| 64 | 136.00 | 14.680 | 2.650 |
| 65 | 139.00 | 14.560 | 2.530 |
| 66 | 142.00 | 14.160 | 2.130 |
| 67 | 145.00 | 13.870 | 1.840 |
| 68 | 150.00 | 13.780 | 1.750 |
| 69 | 155.00 | 13.700 | 1.670 |
| 70 | 160.00 | 13.620 | 1.590 |
| 71 | 165.00 | 13.550 | 1.520 |
| 72 | 170.00 | 13.500 | 1.470 |
| 73 | 180.00 | 13.470 | 1.440 |
| 74 | 190.00 | 13.320 | 1.290 |
| 75 | 200.00 | 13.230 | 1.200 |
| 76 | 210.00 | 13.080 | 1.050 |
| 77 | 220.00 | 13.010 | 0.980 |
| 78 | 240.00 | 12.930 | 0.900 |
| 79 | 260.00 | 12.870 | 0.840 |
| 80 | 280.00 | 12.820 | 0.790 |
| 81 | 300.00 | 12.760 | 0.730 |
| 82 | 330.00 | 12.710 | 0.680 |
| 83 | 360.00 | 12.680 | 0.650 |
| 84 | 390.00 | 12.650 | 0.620 |
| 85 | 420.00 | 12.630 | 0.600 |
| 86 | 450.00 | 12.560 | 0.530 |
| 87 | 480.00 | 12.520 | 0.490 |
| 88 | 510.00 | 12.500 | 0.470 |
| 89 | 550.00 | 12.470 | 0.440 |
| 90 | 590.00 | 12.460 | 0.430 |
| 91 | 630.00 | 12.430 | 0.400 |
| 92 | 670.00 | 12.410 | 0.380 |
| 93 | 720.00 | 12.400 | 0.370 |
| 94 | 770.00 | 12.380 | 0.350 |
| 95 | 820.00 | 12.380 | 0.350 |
| 96 | 870.00 | 12.370 | 0.340 |
| 97 | 920.00 | 12.370 | 0.340 |
| 98 | 1020.00 | 12.370 | 0.340 |

| | | | |
|---|---|---|---|
| **Waterloo Hydrogeologic**<br>160 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 26.08.1998 | B-4 Step Drawdown, Page 1 |
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-4 Step Draw Down | Test conducted on: June 26, 1998 |
| | |
| Discharge 4.405 m³/h | |



| Waterloo Hydrogeologic<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 26.08.1998 | B-4 Step Drawdown, Page 2 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-4 Step Draw Down | Test conducted on: June 26, 1998 |
| | B-4 |
| Discharge 4.405 m³/h | Distance from the pumping well 0.124 m |
| Static water level: 4.360 m below datum | |

| | Pumping test duration [min] | Water level [m] | Drawdown [m] |
|---|---|---|---|
| 1 | 0.00 | 4.360 | 0.000 |
| 2 | 1.00 | 4.570 | 0.210 |
| 3 | 2.00 | 4.680 | 0.320 |
| 4 | 3.00 | 4.740 | 0.380 |
| 5 | 4.00 | 4.790 | 0.430 |
| 6 | 5.00 | 4.800 | 0.440 |
| 7 | 7.00 | 4.820 | 0.460 |
| 8 | 9.00 | 4.820 | 0.460 |
| 9 | 11.00 | 4.820 | 0.460 |
| 10 | 13.00 | 4.820 | 0.460 |
| 11 | 15.00 | 4.820 | 0.460 |
| 12 | 16.00 | 5.140 | 0.780 |
| 13 | 17.00 | 5.200 | 0.840 |
| 14 | 18.00 | 5.350 | 0.990 |
| 15 | 19.00 | 5.500 | 1.140 |
| 16 | 20.00 | 5.580 | 1.220 |
| 17 | 22.00 | 5.630 | 1.270 |
| 18 | 24.00 | 5.670 | 1.310 |
| 19 | 26.00 | 6.080 | 1.720 |
| 20 | 28.00 | 6.820 | 2.560 |
| 21 | 30.00 | 7.230 | 2.870 |
| 22 | 33.00 | 7.400 | 3.040 |
| 23 | 36.00 | 7.480 | 3.120 |
| 24 | 39.00 | 7.560 | 3.200 |
| 25 | 42.00 | 7.570 | 3.210 |
| 26 | 45.00 | 7.570 | 3.210 |
| 27 | 48.00 | 7.570 | 3.210 |
| 28 | 50.00 | 8.120 | 3.760 |
| 29 | 51.00 | 8.290 | 3.930 |
| 30 | 52.00 | 8.450 | 4.090 |
| 31 | 53.00 | 8.510 | 4.150 |
| 32 | 54.00 | 8.520 | 4.160 |
| 33 | 55.00 | 8.520 | 4.160 |
| 34 | 57.00 | 8.520 | 4.160 |
| 35 | 59.00 | 8.640 | 4.280 |
| 36 | 61.00 | 8.750 | 4.390 |
| 37 | 64.00 | 9.010 | 4.650 |
| 38 | 67.00 | 9.500 | 5.140 |
| 39 | 70.00 | 9.900 | 5.540 |
| 40 | 73.00 | 10.400 | 6.040 |
| 41 | 76.00 | 11.070 | 6.710 |
| 42 | 81.00 | 11.900 | 7.540 |
| 43 | 86.00 | 12.240 | 7.880 |
| 44 | 91.00 | 12.320 | 7.960 |
| 45 | 96.00 | 12.410 | 8.050 |
| 46 | 106.00 | 12.500 | 8.140 |
| 47 | 116.00 | 12.880 | 8.520 |
| 48 | 126.00 | 12.980 | 8.620 |
| 49 | 130.00 | 14.000 | 9.640 |
| 50 | 131.00 | 14.260 | 9.900 |

| Waterloo Hydrogeologic<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 26.06.1998 | B-4 Step Drawdown, Page 3 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| Pumping Test No. B-4 Step Draw Down | Test conducted on: June 26, 1998 |
|---|---|
| | B-4 |
| Discharge 4.405 m³/h | Distance from the pumping well 0.124 m |

Static water level: 4.380 m below datum

| | Pumping test duration [min] | Water level [m] | Drawdown [m] | |
|---|---|---|---|---|
| 51 | 132.00 | 14.500 | 10.140 | |
| 52 | 133.00 | 14.780 | 10.400 | |
| 53 | 134.00 | 15.080 | 10.720 | |
| 54 | 135.00 | 15.510 | 11.150 | |
| 55 | 137.00 | 16.800 | 12.440 | |
| 56 | 139.00 | 18.520 | 14.160 | |
| 57 | 141.00 | 18.860 | 14.500 | |
| 58 | 143.00 | 19.750 | 15.390 | |
| 59 | 146.00 | 21.080 | 16.720 | |
| 60 | 149.00 | 22.630 | 18.270 | |
| 61 | 152.00 | 23.590 | 19.230 | |
| 62 | 155.00 | 24.000 | 19.640 | |
| 63 | 160.00 | 24.640 | 20.280 | |
| 64 | 165.00 | 25.760 | 21.400 | |
| 65 | 170.00 | 27.370 | 23.010 | |
| 66 | 180.00 | 28.880 | 24.520 | |

| Waterloo Hydrogeologic<br>160 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 26.08.1998 | B-4 Step Drawdown, Page 4 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-4 Step Draw Down | Test conducted on: June 26, 1998 |
| | B-4 |
| Discharge 4.405 m³/h | |

| | Pumping test duration (min) | Discharge (m³/h) |
|---|---|---|
| 1 | 0.00 | 0.900 |
| 2 | 15.00 | 0.900 |
| 3 | 24.00 | 3.000 |
| 4 | 48.00 | 3.420 |
| 5 | 126.00 | 4.440 |
| 6 | 180.00 | 6.000 |

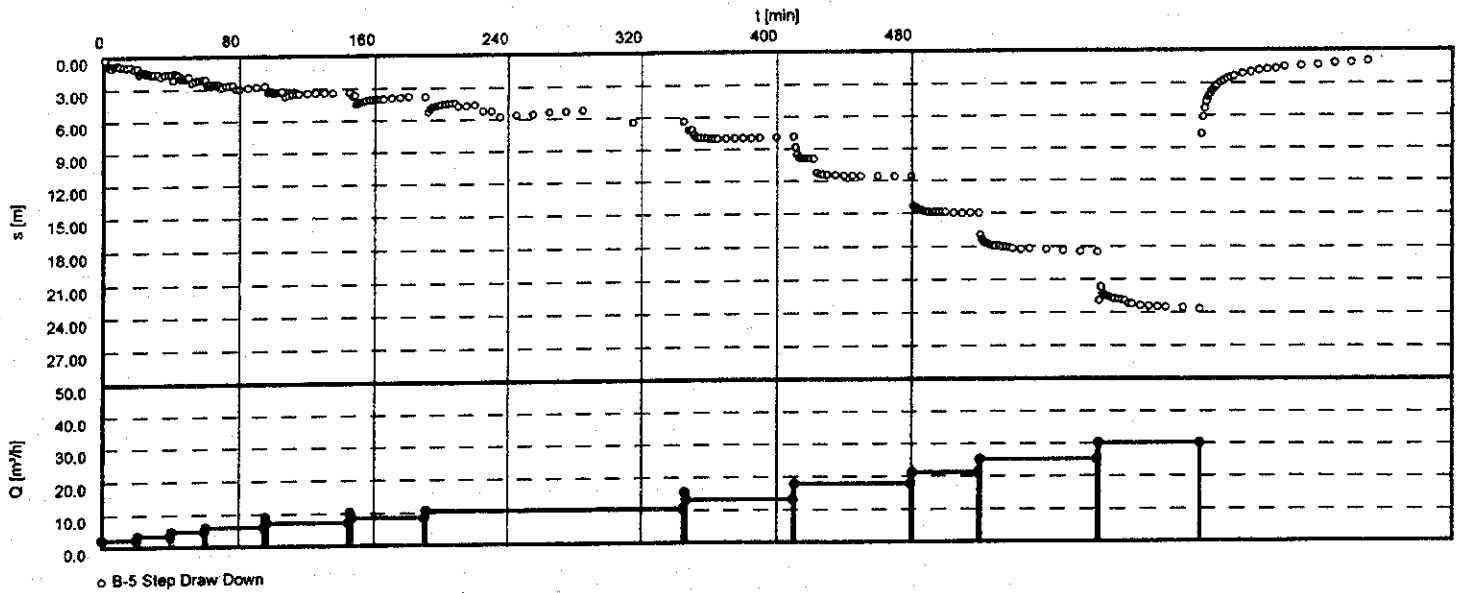
| Waterloo Hydrogeologic<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 26.08.1998 | B-4 Step Drawdown, Page 5 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-4 Step Draw Down | Test conducted on: June 26, 1998 |
| | B-4 |
| Discharge 4.405 m³/h | |

| | Discharge<br>[m³/h] | Water level<br>below datum<br>[m] | Drawdown<br>[m] | |
|---|---|---|---|---|
| 1 | 0.900 | 4.820 | 0.460 | |
| 2 | 3.000 | 5.670 | 1.310 | |
| 3 | 3.420 | 7.570 | 3.210 | |
| 4 | 4.440 | 12.980 | 8.620 | |
| 5 | 6.000 | 28.880 | 24.520 | |

| | | | |
|---|---|---|---|
| **Waterloo Hydrogeologic**<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 25.08.1998 | B-5 Step Drawdown, Page 1 |
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-5 Step Draw Down | Test conducted on: July 17, 1998 |
| | |
| Discharge 14.406 m³/h | |



| Waterloo Hydrogeologic<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 25.08.1998 | B-5 Step Drawdown, Page 2 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-5 Step Draw Down | Test conducted on: July 17, 1998 |
| | B-5 Step Draw Down |
| Discharge 14.406 m³/h | Distance from the pumping well 0.077 m |
| Static water level: 3.530 m below datum | |

| | Pumping test duration [min] | Water level [m] | Drawdown [m] | |
|---|---|---|---|---|
| 1 | 0.00 | 3.080 | -0.450 | |
| 2 | 1.00 | 3.800 | 0.270 | |
| 3 | 2.00 | 4.330 | 0.800 | |
| 4 | 3.00 | 4.350 | 0.820 | |
| 5 | 4.00 | 4.450 | 0.920 | |
| 6 | 5.00 | 4.530 | 1.000 | |
| 7 | 6.00 | 4.320 | 0.790 | |
| 8 | 7.00 | 4.290 | 0.760 | |
| 9 | 8.00 | 4.270 | 0.740 | |
| 10 | 9.00 | 4.250 | 0.720 | |
| 11 | 10.00 | 4.400 | 0.870 | |
| 12 | 12.00 | 4.420 | 0.890 | |
| 13 | 14.00 | 4.440 | 0.910 | |
| 14 | 16.00 | 4.440 | 0.910 | |
| 15 | 18.00 | 4.590 | 1.060 | |
| 16 | 20.00 | 4.560 | 1.030 | |
| 17 | 21.00 | 5.090 | 1.560 | |
| 18 | 22.00 | 4.850 | 1.320 | |
| 19 | 23.00 | 4.920 | 1.390 | |
| 20 | 24.00 | 4.910 | 1.380 | |
| 21 | 25.00 | 5.060 | 1.530 | |
| 22 | 26.00 | 5.050 | 1.520 | |
| 23 | 27.00 | 5.030 | 1.500 | |
| 24 | 28.00 | 5.150 | 1.620 | |
| 25 | 29.00 | 5.150 | 1.620 | |
| 26 | 30.00 | 5.120 | 1.590 | |
| 27 | 32.00 | 5.090 | 1.560 | |
| 28 | 34.00 | 5.310 | 1.780 | |
| 29 | 36.00 | 5.150 | 1.620 | |
| 30 | 38.00 | 5.100 | 1.570 | |
| 31 | 40.00 | 5.080 | 1.550 | |
| 32 | 41.00 | 5.640 | 2.110 | |
| 33 | 42.00 | 5.020 | 1.490 | |
| 34 | 43.00 | 5.120 | 1.590 | |
| 35 | 44.00 | 5.200 | 1.670 | |
| 36 | 45.00 | 5.490 | 1.960 | |
| 37 | 46.00 | 5.400 | 1.870 | |
| 38 | 47.00 | 5.580 | 2.050 | |
| 39 | 48.00 | 5.550 | 2.020 | |
| 40 | 49.00 | 5.500 | 1.970 | |
| 41 | 50.00 | 5.350 | 1.820 | |
| 42 | 52.00 | 5.910 | 2.380 | |
| 43 | 54.00 | 5.740 | 2.210 | |
| 44 | 56.00 | 5.680 | 2.150 | |
| 45 | 58.00 | 5.640 | 2.110 | |
| 46 | 60.00 | 5.630 | 2.100 | |
| 47 | 61.00 | 6.140 | 2.610 | |
| 48 | 62.00 | 6.000 | 2.470 | |
| 49 | 63.00 | 6.220 | 2.690 | |
| 50 | 64.00 | 6.140 | 2.610 | |

**Waterloo Hydrogeologic**
180 Columbia St. W.
Waterloo,Ontario,Canada
ph.(519)746-1798

Pumping test analysis
Time-Drawdown plot
with discharge

Date: 25.08.1998 | B-5 Step Drawdown, Page 3

Project: JICA STUDY FOR ALTAI CITY

Evaluated by: PCI

Pumping Test No. B-5 Step Draw Down

Test conducted on: July 17, 1998

B-5 Step Draw Down

Discharge 14.406 m³/h

Distance from the pumping well 0.077 m

Static water level: 3.530 m below datum

| | Pumping test duration [min] | Water level [m] | Drawdown [m] |
|---|---|---|---|
| 51 | 65.00 | 6.040 | 2.510 |
| 52 | 66.00 | 6.180 | 2.650 |
| 53 | 67.00 | 6.140 | 2.610 |
| 54 | 68.00 | 6.110 | 2.580 |
| 55 | 69.00 | 6.350 | 2.820 |
| 56 | 70.00 | 6.320 | 2.790 |
| 57 | 72.00 | 6.240 | 2.710 |
| 58 | 74.00 | 6.200 | 2.670 |
| 59 | 76.00 | 6.160 | 2.630 |
| 60 | 78.00 | 6.500 | 2.970 |
| 61 | 80.00 | 6.530 | 3.000 |
| 62 | 85.00 | 6.420 | 2.890 |
| 63 | 90.00 | 6.330 | 2.800 |
| 64 | 95.00 | 6.260 | 2.730 |
| 65 | 97.00 | 6.860 | 3.330 |
| 66 | 98.00 | 6.710 | 3.180 |
| 67 | 99.00 | 6.750 | 3.220 |
| 68 | 100.00 | 6.920 | 3.390 |
| 69 | 101.00 | 6.920 | 3.390 |
| 70 | 102.00 | 6.880 | 3.350 |
| 71 | 103.00 | 6.820 | 3.290 |
| 72 | 104.00 | 6.780 | 3.250 |
| 73 | 105.00 | 6.740 | 3.210 |
| 74 | 107.00 | 7.260 | 3.730 |
| 75 | 109.00 | 7.110 | 3.580 |
| 76 | 111.00 | 7.050 | 3.520 |
| 77 | 113.00 | 7.020 | 3.490 |
| 78 | 115.00 | 6.990 | 3.460 |
| 79 | 120.00 | 6.930 | 3.400 |
| 80 | 125.00 | 6.910 | 3.380 |
| 81 | 130.00 | 6.910 | 3.380 |
| 82 | 135.00 | 6.910 | 3.380 |
| 83 | 145.00 | 6.900 | 3.370 |
| 84 | 147.00 | 7.240 | 3.710 |
| 85 | 148.00 | 7.140 | 3.610 |
| 86 | 149.00 | 8.000 | 4.470 |
| 87 | 150.00 | 7.910 | 4.380 |
| 88 | 151.00 | 7.850 | 4.320 |
| 89 | 152.00 | 7.790 | 4.260 |
| 90 | 153.00 | 7.750 | 4.220 |
| 91 | 154.00 | 7.730 | 4.200 |
| 92 | 155.00 | 7.660 | 4.130 |
| 93 | 157.00 | 7.610 | 4.080 |
| 94 | 159.00 | 7.600 | 4.070 |
| 95 | 161.00 | 7.580 | 4.050 |
| 96 | 163.00 | 7.540 | 4.010 |
| 97 | 165.00 | 7.520 | 3.990 |
| 98 | 170.00 | 7.460 | 3.930 |
| 99 | 175.00 | 7.410 | 3.880 |
| 100 | 180.00 | 7.330 | 3.800 |

| Waterloo Hydrogeologic<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 25.08.1998 | B-5 Step Drawdown, Page 4 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-5 Step Draw Down | Test conducted on: July 17, 1998 |
| | B-5 Step Draw Down |
| Discharge 14.406 m³/h | Distance from the pumping well 0.077 m |

Static water level: 3.530 m below datum

| | Pumping test duration [min] | Water level [m] | Drawdown [m] | |
|---|---|---|---|---|
| 101 | 190.00 | 7.350 | 3.820 | |
| 102 | 192.00 | 8.770 | 5.240 | |
| 103 | 193.00 | 8.500 | 4.970 | |
| 104 | 194.00 | 8.330 | 4.800 | |
| 105 | 195.00 | 8.280 | 4.750 | |
| 106 | 196.00 | 8.260 | 4.730 | |
| 107 | 197.00 | 8.220 | 4.690 | |
| 108 | 198.00 | 8.180 | 4.650 | |
| 109 | 199.00 | 8.140 | 4.610 | |
| 110 | 200.00 | 8.100 | 4.570 | |
| 111 | 202.00 | 8.070 | 4.540 | |
| 112 | 204.00 | 8.010 | 4.480 | |
| 113 | 206.00 | 7.990 | 4.460 | |
| 114 | 208.00 | 7.970 | 4.440 | |
| 115 | 210.00 | 8.260 | 4.730 | |
| 116 | 215.00 | 8.230 | 4.700 | |
| 117 | 220.00 | 8.170 | 4.640 | |
| 118 | 225.00 | 8.750 | 5.220 | |
| 119 | 230.00 | 8.750 | 5.220 | |
| 120 | 235.00 | 9.300 | 5.770 | |
| 121 | 245.00 | 9.160 | 5.630 | |
| 122 | 255.00 | 9.080 | 5.550 | |
| 123 | 265.00 | 8.910 | 5.380 | |
| 124 | 275.00 | 8.850 | 5.320 | |
| 125 | 285.00 | 8.770 | 5.240 | |
| 126 | 315.00 | 9.970 | 6.440 | |
| 127 | 345.00 | 9.890 | 6.360 | |
| 128 | 348.00 | 10.730 | 7.200 | |
| 129 | 349.00 | 10.720 | 7.190 | |
| 130 | 350.00 | 10.720 | 7.190 | |
| 131 | 351.00 | 11.110 | 7.580 | |
| 132 | 352.00 | 11.390 | 7.860 | |
| 133 | 353.00 | 11.430 | 7.900 | |
| 134 | 354.00 | 11.440 | 7.910 | |
| 135 | 355.00 | 11.440 | 7.910 | |
| 136 | 357.00 | 11.440 | 7.910 | |
| 137 | 359.00 | 11.480 | 7.950 | |
| 138 | 361.00 | 11.500 | 7.970 | |
| 139 | 363.00 | 11.520 | 7.990 | |
| 140 | 365.00 | 11.520 | 7.990 | |
| 141 | 370.00 | 11.520 | 7.990 | |
| 142 | 375.00 | 11.480 | 7.960 | |
| 143 | 380.00 | 11.510 | 7.980 | |
| 144 | 385.00 | 11.510 | 7.980 | |
| 145 | 390.00 | 11.470 | 7.940 | |
| 146 | 400.00 | 11.440 | 7.910 | |
| 147 | 410.00 | 11.400 | 7.870 | |
| 148 | 411.00 | 12.340 | 8.810 | |
| 149 | 412.00 | 13.000 | 9.470 | |
| 150 | 413.00 | 13.310 | 9.780 | |

| Waterloo Hydrogeologic<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 25.08.1998 | B-5 Step Drawdown, Page 5 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-5 Step Draw Down | Test conducted on: July 17, 1998 |
| | B-5 Step Draw Down |
| Discharge 14.406 m³/h | Distance from the pumping well 0.077 m |
| Static water level: 3.530 m below datum | |

| | Pumping test duration [min] | Water level [m] | Drawdown [m] | |
|---|---|---|---|---|
| 151 | 414.00 | 13.390 | 9.860 | |
| 152 | 415.00 | 13.420 | 9.890 | |
| 153 | 416.00 | 13.430 | 9.900 | |
| 154 | 417.00 | 13.400 | 9.870 | |
| 155 | 418.00 | 13.410 | 9.880 | |
| 156 | 419.00 | 13.420 | 9.890 | |
| 157 | 420.00 | 13.430 | 9.900 | |
| 158 | 422.00 | 13.440 | 9.910 | |
| 159 | 424.00 | 14.750 | 11.220 | |
| 160 | 426.00 | 14.890 | 11.360 | |
| 161 | 428.00 | 14.940 | 11.410 | |
| 162 | 430.00 | 14.970 | 11.440 | |
| 163 | 435.00 | 15.000 | 11.470 | |
| 164 | 440.00 | 15.030 | 11.500 | |
| 165 | 445.00 | 15.070 | 11.540 | |
| 166 | 450.00 | 15.090 | 11.560 | |
| 167 | 460.00 | 15.090 | 11.560 | |
| 168 | 470.00 | 15.120 | 11.590 | |
| 169 | 480.00 | 15.130 | 11.600 | |
| 170 | 481.00 | 17.840 | 14.310 | |
| 171 | 482.00 | 17.890 | 14.360 | |
| 172 | 483.00 | 18.030 | 14.500 | |
| 173 | 484.00 | 18.140 | 14.610 | |
| 174 | 485.00 | 18.210 | 14.680 | |
| 175 | 486.00 | 18.250 | 14.720 | |
| 176 | 487.00 | 18.310 | 14.780 | |
| 177 | 488.00 | 18.340 | 14.810 | |
| 178 | 489.00 | 18.360 | 14.830 | |
| 179 | 490.00 | 18.380 | 14.850 | |
| 180 | 492.00 | 18.440 | 14.910 | |
| 181 | 494.00 | 18.350 | 14.820 | |
| 182 | 496.00 | 18.370 | 14.840 | |
| 183 | 498.00 | 18.370 | 14.840 | |
| 184 | 500.00 | 18.410 | 14.880 | |
| 185 | 505.00 | 18.480 | 14.950 | |
| 186 | 510.00 | 18.520 | 14.990 | |
| 187 | 515.00 | 18.480 | 14.950 | |
| 188 | 520.00 | 18.500 | 14.970 | |
| 189 | 521.00 | 20.480 | 16.950 | |
| 190 | 522.00 | 20.910 | 17.380 | |
| 191 | 523.00 | 21.100 | 17.570 | |
| 192 | 524.00 | 21.200 | 17.670 | |
| 193 | 525.00 | 21.280 | 17.750 | |
| 194 | 526.00 | 21.330 | 17.800 | |
| 195 | 527.00 | 21.380 | 17.850 | |
| 196 | 528.00 | 21.420 | 17.890 | |
| 197 | 529.00 | 21.460 | 17.930 | |
| 198 | 530.00 | 21.480 | 17.950 | |
| 199 | 532.00 | 21.450 | 17.920 | |
| 200 | 534.00 | 21.540 | 18.010 | |

| Waterloo Hydrogeologic<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 25.08.1998 | B-5 Step Drawdown, Page 6 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-5 Step Draw Down | Test conducted on: July 17, 1998 |
| | B-5 Step Draw Down |
| Discharge 14.406 m³/h | Distance from the pumping well 0.077 m |
| Static water level: 3.530 m below datum | |

| | Pumping test duration [min] | Water level [m] | Drawdown [m] | |
|---|---|---|---|---|
| 201 | 536.00 | 21.580 | 18.050 | |
| 202 | 538.00 | 21.600 | 18.070 | |
| 203 | 540.00 | 21.700 | 18.170 | |
| 204 | 545.00 | 21.770 | 18.240 | |
| 205 | 550.00 | 21.720 | 18.190 | |
| 206 | 560.00 | 21.780 | 18.250 | |
| 207 | 570.00 | 21.890 | 18.360 | |
| 208 | 580.00 | 21.990 | 18.460 | |
| 209 | 590.00 | 22.020 | 18.490 | |
| 210 | 591.00 | 26.420 | 22.890 | |
| 211 | 592.00 | 25.170 | 21.640 | |
| 212 | 593.00 | 25.770 | 22.240 | |
| 213 | 594.00 | 25.950 | 22.420 | |
| 214 | 595.00 | 25.990 | 22.460 | |
| 215 | 596.00 | 26.040 | 22.510 | |
| 216 | 597.00 | 26.090 | 22.560 | |
| 217 | 598.00 | 26.140 | 22.610 | |
| 218 | 599.00 | 26.180 | 22.650 | |
| 219 | 600.00 | 26.240 | 22.710 | |
| 220 | 602.00 | 26.290 | 22.760 | |
| 221 | 604.00 | 26.350 | 22.820 | |
| 222 | 606.00 | 26.430 | 22.900 | |
| 223 | 608.00 | 26.680 | 23.150 | |
| 224 | 610.00 | 26.730 | 23.200 | |
| 225 | 615.00 | 26.890 | 23.360 | |
| 226 | 620.00 | 26.930 | 23.400 | |
| 227 | 625.00 | 26.990 | 23.460 | |
| 228 | 630.00 | 27.030 | 23.500 | |
| 229 | 640.00 | 27.060 | 23.530 | |
| 230 | 650.00 | 27.180 | 23.650 | |
| 231 | 651.00 | 11.240 | 7.710 | |
| 232 | 652.00 | 9.660 | 6.130 | |
| 233 | 653.00 | 8.860 | 5.330 | |
| 234 | 654.00 | 8.250 | 4.720 | |
| 235 | 655.00 | 7.790 | 4.260 | |
| 236 | 656.00 | 7.520 | 3.990 | |
| 237 | 657.00 | 7.280 | 3.750 | |
| 238 | 658.00 | 7.070 | 3.540 | |
| 239 | 659.00 | 6.890 | 3.360 | |
| 240 | 660.00 | 6.720 | 3.190 | |
| 241 | 662.00 | 6.490 | 2.960 | |
| 242 | 664.00 | 6.300 | 2.770 | |
| 243 | 666.00 | 6.140 | 2.610 | |
| 244 | 668.00 | 6.010 | 2.480 | |
| 245 | 670.00 | 5.900 | 2.370 | |
| 246 | 675.00 | 5.660 | 2.130 | |
| 247 | 680.00 | 5.510 | 1.980 | |
| 248 | 685.00 | 5.370 | 1.840 | |
| 249 | 690.00 | 5.260 | 1.730 | |
| 250 | 695.00 | 5.200 | 1.670 | |

| Waterloo Hydrogeologic<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 25.08.1998 | B-5 Step Drawdown, Page 7 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-5 Step Draw Down | Test conducted on: July 17, 1998 |
| | B-5 Step Draw Down |
| Discharge 14.406 m³/h | Distance from the pumping well 0.077 m |

Static water level: 3.530 m below datum

| | Pumping test duration [min] | Water level [m] | Drawdown [m] |
|---|---|---|---|
| 251 | 700.00 | 5.050 | 1.520 |
| 252 | 710.00 | 4.950 | 1.420 |
| 253 | 720.00 | 4.880 | 1.350 |
| 254 | 730.00 | 4.710 | 1.180 |
| 255 | 740.00 | 4.670 | 1.140 |
| 256 | 750.00 | 4.560 | 1.030 |

| Waterloo Hydrogeologic<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 25.08.1998 | B-5 Step Drawdown, Page 8 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-5 Step Draw Down | Test conducted on: July 17, 1998 |
| | B-5 |
| Discharge 14.406 m³/h | |

| | Pumping test duration [min] | Discharge [m³/h] | | |
|---|---|---|---|---|
| 1 | 0.00 | 2.400 | | |
| 2 | 20.00 | 2.400 | | |
| 3 | 21.00 | 3.600 | | |
| 4 | 40.00 | 3.600 | | |
| 5 | 41.00 | 4.800 | | |
| 6 | 60.00 | 4.800 | | |
| 7 | 61.00 | 6.000 | | |
| 8 | 95.00 | 6.000 | | |
| 9 | 96.00 | 9.000 | | |
| 10 | 97.00 | 7.200 | | |
| 11 | 145.00 | 7.200 | | |
| 12 | 146.00 | 10.300 | | |
| 13 | 147.00 | 8.580 | | |
| 14 | 190.00 | 8.580 | | |
| 15 | 191.00 | 10.620 | | |
| 16 | 345.00 | 10.620 | | |
| 17 | 346.00 | 15.600 | | |
| 18 | 347.00 | 13.320 | | |
| 18 | 410.00 | 13.320 | | |
| 20 | 411.00 | 18.000 | | |
| 21 | 460.00 | 15.000 | | |
| 22 | 461.00 | 21.180 | | |
| 23 | 520.00 | 21.180 | | |
| 24 | 521.00 | 25.140 | | |
| 25 | 590.00 | 25.140 | | |
| 26 | 591.00 | 30.120 | | |
| 27 | 650.00 | 30.120 | | |

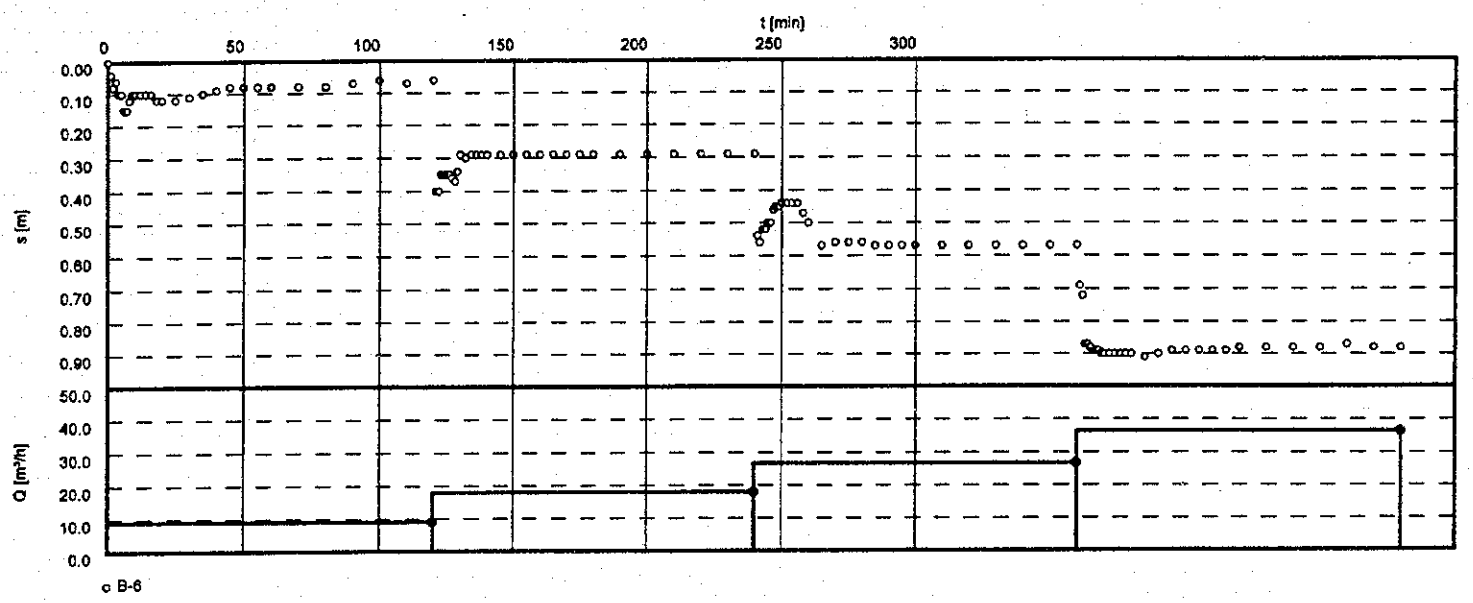
| Waterloo Hydrogeologic<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 25.08.1998 | B-5 Step Drawdown, Page 9 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| Pumping Test No. B-5 Step Draw Down | Test conducted on: July 17, 1998 |
|---|---|
| | B-5 |
| Discharge 14.406 m³/h | |

| | Discharge [m³/h] | Water level below datum [m] | Drawdown [m] |
|---|---|---|---|
| 1 | 2.400 | 4.560 | 1.030 |
| 2 | 3.600 | 5.080 | 1.550 |
| 3 | 4.800 | 5.630 | 2.100 |
| 4 | 6.000 | 6.260 | 2.730 |
| 5 | 7.200 | 6.900 | 3.370 |
| 6 | 8.580 | 7.350 | 3.820 |
| 7 | 10.620 | 9.890 | 6.360 |
| 8 | 13.320 | 11.400 | 7.870 |
| 9 | 18.000 | 15.130 | 11.600 |
| 10 | 21.080 | 18.500 | 14.970 |
| 11 | 25.140 | 22.020 | 18.490 |
| 12 | 30.120 | 27.180 | 23.650 |

| | | | |
|---|---|---|---|
| **Waterloo Hydrogeologic**<br>160 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 21.09.1998 | B-6 Step Drawdown, Page 1 |
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-6 Step Drawdown | Test conducted on: 20.09.98 |
| B-6 | |
| Discharge 22.540 m³/h | |



**Waterloo Hydrogeologic**
180 Columbia St. W.
Waterloo,Ontario,Canada
ph.(519)746-1798

Pumping test analysis
Time-Drawdown plot
with discharge

Date: 21.09.1998 | B-6 Step Drawdown, Page 3

Project: JICA STUDY FOR ALTAI CITY

Evaluated by: PCI

Pumping Test No. B-6 Step Drawdown

Test conducted on: 20.09.98

B-6

B-6

Discharge 22.540 m³/h

Distance from the pumping well 0.077 m

Static water level: 24.600 m below datum

| | Pumping test duration [min] | Water level [m] | Drawdown [m] |
|---|---|---|---|
| 51 | 170.00 | 24.890 | 0.290 |
| 52 | 175.00 | 24.890 | 0.290 |
| 53 | 180.00 | 24.890 | 0.290 |
| 54 | 190.00 | 24.890 | 0.290 |
| 55 | 200.00 | 24.890 | 0.290 |
| 56 | 210.00 | 24.890 | 0.290 |
| 57 | 220.00 | 24.890 | 0.290 |
| 58 | 230.00 | 24.890 | 0.290 |
| 59 | 240.00 | 24.890 | 0.290 |
| 60 | 241.00 | 25.140 | 0.540 |
| 61 | 242.00 | 25.160 | 0.560 |
| 62 | 243.00 | 25.120 | 0.520 |
| 63 | 244.00 | 25.120 | 0.520 |
| 64 | 245.00 | 25.100 | 0.500 |
| 65 | 246.00 | 25.100 | 0.500 |
| 66 | 247.00 | 25.060 | 0.460 |
| 67 | 248.00 | 25.050 | 0.450 |
| 68 | 249.00 | 25.050 | 0.450 |
| 69 | 250.00 | 25.040 | 0.440 |
| 70 | 252.00 | 25.040 | 0.440 |
| 71 | 254.00 | 25.040 | 0.440 |
| 72 | 256.00 | 25.040 | 0.440 |
| 73 | 258.00 | 25.070 | 0.470 |
| 74 | 260.00 | 25.100 | 0.500 |
| 75 | 265.00 | 25.170 | 0.570 |
| 76 | 270.00 | 25.160 | 0.560 |
| 77 | 275.00 | 25.160 | 0.560 |
| 78 | 280.00 | 25.160 | 0.560 |
| 79 | 285.00 | 25.170 | 0.570 |
| 80 | 290.00 | 25.170 | 0.570 |
| 81 | 295.00 | 25.170 | 0.570 |
| 82 | 300.00 | 25.170 | 0.570 |
| 83 | 310.00 | 25.170 | 0.570 |
| 84 | 320.00 | 25.170 | 0.570 |
| 85 | 330.00 | 25.170 | 0.570 |
| 86 | 340.00 | 25.170 | 0.570 |
| 87 | 350.00 | 25.170 | 0.570 |
| 88 | 360.00 | 25.170 | 0.570 |
| 89 | 361.00 | 25.290 | 0.690 |
| 90 | 362.00 | 25.320 | 0.720 |
| 91 | 363.00 | 25.470 | 0.870 |
| 92 | 364.00 | 25.470 | 0.870 |
| 93 | 365.00 | 25.480 | 0.880 |
| 94 | 366.00 | 25.490 | 0.890 |
| 95 | 367.00 | 25.490 | 0.890 |
| 96 | 368.00 | 25.490 | 0.890 |
| 97 | 369.00 | 25.500 | 0.900 |
| 98 | 370.00 | 25.500 | 0.900 |
| 99 | 372.00 | 25.500 | 0.900 |
| 100 | 374.00 | 25.500 | 0.900 |

wn, Page 5

| Waterloo Hydrogeologic<br>160 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 21.09.1998 | B-6 Step Drawdown, Page 4 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

| | |
|---|---|
| Pumping Test No. B-6 Step Drawdown | Test conducted on: 20.09.98 |
| B-6 | B-6 |
| Discharge 22.540 m³/h | Distance from the pumping well 0.077 m |
| Static water level: 24.600 m below datum | |

| | Pumping test duration [min] | Water level [m] | Drawdown [m] | |
|---|---|---|---|---|
| 101 | 376.00 | 25.500 | 0.900 | |
| 102 | 378.00 | 25.500 | 0.900 | |
| 103 | 380.00 | 25.500 | 0.900 | |
| 104 | 385.00 | 25.510 | 0.910 | |
| 105 | 390.00 | 25.500 | 0.900 | |
| 106 | 395.00 | 25.490 | 0.890 | |
| 107 | 400.00 | 25.490 | 0.890 | |
| 108 | 405.00 | 25.490 | 0.890 | |
| 109 | 410.00 | 25.490 | 0.890 | |
| 110 | 415.00 | 25.490 | 0.890 | |
| 111 | 420.00 | 25.480 | 0.880 | |
| 112 | 430.00 | 25.480 | 0.880 | |
| 113 | 440.00 | 25.480 | 0.880 | |
| 114 | 450.00 | 25.480 | 0.880 | |
| 115 | 460.00 | 25.470 | 0.870 | |
| 116 | 470.00 | 25.480 | 0.880 | |
| 117 | 480.00 | 25.480 | 0.880 | |

| Waterloo Hydrogeologic<br>180 Columbia St. W.<br>Waterloo,Ontario,Canada<br>ph.(519)746-1798 | Pumping test analysis<br>Time-Drawdown plot<br>with discharge | Date: 21.09.1998 | B-6 Step Drawdown, Page 5 |
|---|---|---|---|
| | | Project: JICA STUDY FOR ALTAI CITY | |
| | | Evaluated by: PCI | |

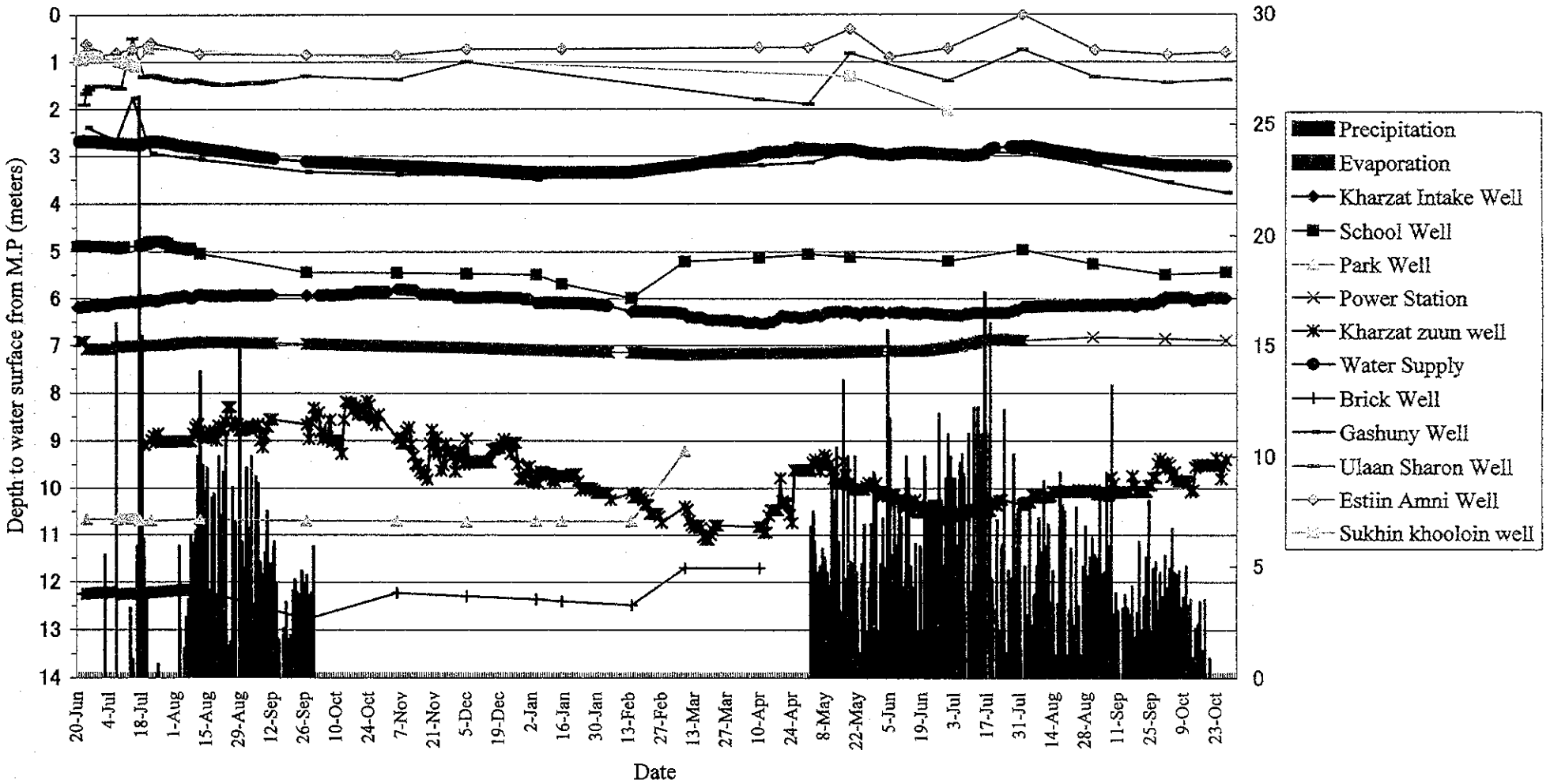
| | |
|---|---|
| Pumping Test No. B-6 Step Drawdown | Test conducted on: 20.09.98 |
| B-6 | B-6 |
| Discharge 22.540 m³/h | |

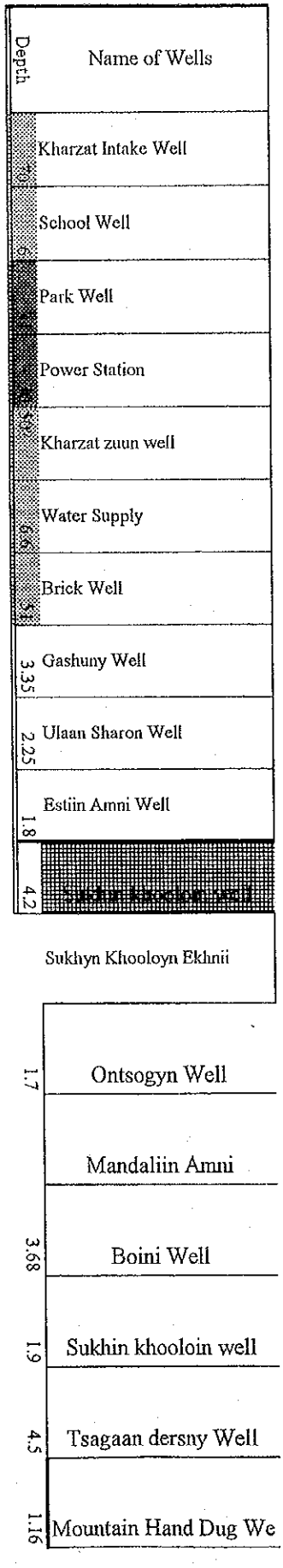
| | Pumping test duration<br>[min] | Discharge<br>[m³/h] | | |
|---|---|---|---|---|
| 1 | 120.00 | 9.120 | | |
| 2 | 240.00 | 18.000 | | |
| 3 | 360.00 | 26.740 | | |
| 4 | 480.00 | 36.300 | | |

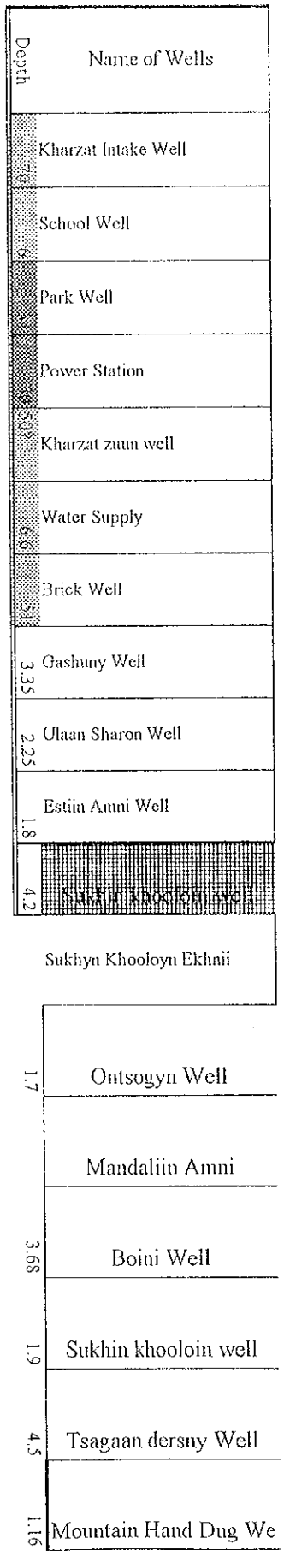
DATA BOOK

# CHAPTER 6 HYDROGEOLOGY

# Water Level Fluctuations







## The Results of Continuous Measurement of Water Levels (1/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells / 1997 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Jun | | | | | | | | | | |
| 2-Jun | | | | | | | | | | |
| 3-Jun | | | | | | | | | | |
| 4-Jun | | | | | | | | | | |
| 5-Jun | | | | | | | | | | |
| 6-Jun | | | | | | | | | | |
| 7-Jun | | | | | | | | | | |
| 8-Jun | | | | | | | | | | |
| 9-Jun | | | | | | | | | | |
| 10-Jun | | | | | | | | | | |
| 11-Jun | | | | | | | | | | |
| 12-Jun | | | | | | | | | | |
| 13-Jun | | | | | | | | | | |
| 14-Jun | | | | | | | | | | |
| 15-Jun | | | | | | | | | | |
| 16-Jun | | | | | | | | | | |
| 17-Jun | | | | | | | | | | |
| 18-Jun | | | | | | | | | | |
| 19-Jun | | | | | | | | | | |
| 20-Jun | 6.20 | 4.90 | | | | | | | | |
| 21-Jun | 6.20 | 4.90 | | 6.92 | | 2.70 | | | | |
| 22-Jun | 6.19 | 4.89 | | 6.92 | | 2.70 | 12.26 | | | |
| 23-Jun | 6.18 | 4.89 | | 6.92 | | 2.69 | 12.25 | | 1.91 | 0.86 |
| 24-Jun | 6.18 | 4.90 | 10.67 | 7.09 | | 2.70 | 12.25 | 2.40 | 1.68 | 0.63 |
| 25-Jun | 6.18 | 4.90 | | 7.09 | | 2.70 | 12.25 | | 1.60 | 0.79 |
| 26-Jun | 6.15 | 4.90 | | 7.09 | | 2.70 | 12.24 | | 1.52 | 0.80 |
| 27-Jun | 6.15 | 4.90 | | 7.09 | | 2.70 | 12.24 | | 1.52 | 0.82 |
| 28-Jun | 6.16 | 4.90 | | 7.09 | | 2.70 | 12.23 | | 1.51 | 0.84 |
| 29-Jun | 6.16 | 4.90 | | 7.09 | | 2.71 | 12.23 | | 1.51 | 0.86 |
| 30-Jun | 6.15 | 4.90 | | 7.09 | | 2.71 | 12.23 | | 1.51 | 0.87 |
| | | | | | | | | | | |
| Max. | 6.20 | 4.90 | | 7.09 | | 2.71 | 12.26 | | 1.91 | 0.87 |
| Min. | 6.15 | 4.89 | | 6.92 | | 2.69 | 12.23 | | 1.51 | 0.63 |
| Average | 6.17 | 4.90 | | 7.04 | | 2.70 | 12.24 | | 1.60 | 0.81 |

## The Results of Continuous Measurement of Water Levels (2/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1997 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Jul | 6.14 | 4.90 | | 7.09 | | 2.71 | 12.23 | | 1.51 | |
| 2-Jul | 6.16 | 4.90 | | 7.09 | | 2.72 | 12.23 | | 1.51 | |
| 3-Jul | 6.16 | 4.91 | | 7.09 | | 2.72 | 12.23 | | 1.52 | |
| 4-Jul | 6.14 | 4.92 | | 7.09 | | 2.73 | 12.22 | | 1.52 | |
| 5-Jul | 6.12 | 4.92 | | 7.09 | | 2.73 | 12.22 | | 1.53 | |
| 6-Jul | 6.11 | 4.92 | | | | 2.74 | 12.21 | | 1.53 | |
| 7-Jul | 6.10 | 4.94 | 10.67 | 7.04 | | 2.75 | 12.26 | 2.68 | 1.56 | 0.81 |
| 8-Jul | 6.10 | 4.93 | 10.66 | 7.04 | | 2.75 | 12.26 | | 1.57 | |
| 9-Jul | 6.09 | 4.93 | 10.66 | 7.03 | | 2.75 | 12.25 | | 1.57 | |
| 10-Jul | 6.09 | 4.91 | 10.66 | 7.03 | | 2.74 | 12.25 | | up? | |
| 11-Jul | 6.09 | | 10.66 | 7.03 | | 2.75 | 12.25 | | | |
| 12-Jul | 6.09 | | 10.66 | 7.03 | | 2.76 | 12.25 | | | |
| 13-Jul | 6.07 | | 10.65 | 7.03 | | 2.76 | 12.24 | | | |
| 14-Jul | 6.08 | | 10.66 | 7.02 | | 2.76 | 12.25 | 1.78 | 0.52 | 0.73 |
| 15-Jul | 6.09 | | 10.66 | 7.02 | | 2.77 | 12.25 | | | |
| 16-Jul | 6.08 | | 10.66 | 7.02 | | 2.77 | 12.26 | | | |
| 17-Jul | 6.07 | 4.89 | 10.70 | 7.02 | | 2.77 | 12.26 | | | |
| 18-Jul | 6.06 | 4.88 | | 7.01 | | 2.76 | 12.25 | | | |
| 19-Jul | 6.05 | 4.85 | | 7.00 | 9.10 | 2.73 | 12.23 | | 1.32 | |
| 20-Jul | 6.05 | 4.85 | | 7.00 | | 2.72 | 12.23 | | | |
| 21-Jul | 6.04 | 4.81 | | 7.00 | | 2.71 | 12.22 | | 1.31 | |
| 22-Jul | 6.04 | 4.80 | | 7.00 | 9.00 | 2.70 | 12.22 | 2.95 | 1.29 | 0.60 |
| 23-Jul | 6.05 | 4.80 | | 7.00 | 8.91 | 2.70 | 12.22 | | 1.29 | |
| 24-Jul | 6.06 | 4.80 | | 7.00 | 9.04 | 2.70 | 12.22 | | 1.30 | |
| 25-Jul | 6.06 | 4.79 | | 7.00 | 8.86 | 2.70 | 12.21 | | 1.32 | |
| 26-Jul | 6.04 | 4.80 | | 7.00 | 9.03 | 2.71 | 12.21 | | 1.33 | |
| 27-Jul | 6.03 | 4.80 | | 7.00 | 9.03 | 2.71 | 12.20 | | 1.34 | |
| 28-Jul | 6.01 | 4.81 | | 6.99 | 9.03 | 2.72 | 12.20 | | 1.36 | |
| 29-Jul | 6.01 | 4.83 | | 6.99 | 9.03 | 2.73 | 12.19 | | 1.37 | |
| 30-Jul | 6.00 | 4.91 | | 6.99 | 9.03 | 2.74 | 12.19 | | 1.38 | |
| 31-Jul | 5.99 | 4.91 | | 6.98 | 9.03 | 2.75 | 12.19 | | 1.38 | |
| Max. | 6.16 | 4.94 | | 7.09 | 9.10 | 2.77 | 12.26 | | 1.57 | |
| Min. | 5.99 | 4.79 | | 6.98 | 8.86 | 2.70 | 12.19 | | 0.52 | |
| Average | 6.07 | 4.87 | | 7.02 | 9.01 | 2.73 | 12.23 | | 1.38 | |

## The Results of Continuous Measurement of Water Levels (3/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1997 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Aug | 5.99 | 4.91 | | 6.97 | 9.02 | 2.76 | 12.18 | | 1.39 | |
| 2-Aug | 5.98 | 4.92 | | 6.97 | 9.02 | 2.78 | 12.18 | | 1.40 | |
| 3-Aug | 5.98 | 4.93 | | 6.96 | 9.02 | 2.79 | 12.17 | | 1.42 | |
| 4-Aug | 5.97 | 4.94 | | 6.94 | 9.02 | 2.79 | 12.17 | | 1.43 | |
| 5-Aug | 5.95 | 4.94 | | 6.95 | 9.02 | 2.80 | 12.17 | | 1.43 | |
| 6-Aug | 5.96 | 4.93 | | 6.95 | 9.02 | 2.80 | 12.17 | | 1.41 | |
| 7-Aug | 5.99 | 4.97 | | 6.94 | 9.02 | 2.81 | 12.18 | | 1.40 | |
| 8-Aug | 6.00 | 4.94 | | 6.95 | 9.02 | 2.82 | | | 1.38 | |
| 9-Aug | 6.00 | | | 6.95 | 8.86 | 2.82 | | | 1.38 | |
| 10-Aug | 5.95 | | | 6.95 | 8.73 | 2.83 | | | 1.39 | |
| 11-Aug | 5.93 | | | 6.95 | 8.67 | 2.83 | | | 1.40 | |
| 12-Aug | 5.93 | 5.05 | 10.67 | 6.94 | 8.81 | 2.84 | 12.17 | 3.08 | 1.42 | 0.83 |
| 13-Aug | 5.93 | | | 6.93 | 8.92 | 2.85 | | | 1.43 | |
| 14-Aug | 5.94 | | | 6.93 | 8.93 | 2.86 | | | 1.45 | |
| 15-Aug | 5.94 | | | 6.93 | 8.94 | 2.86 | | | 1.46 | |
| 16-Aug | 5.95 | | | 6.93 | 8.80 | 2.87 | | | 1.46 | |
| 17-Aug | 5.95 | | | 6.93 | 8.89 | 2.88 | | | 1.47 | |
| 18-Aug | 5.95 | | | 6.93 | 8.95 | 2.88 | | | 1.47 | |
| 19-Aug | 5.95 | | | 6.94 | 9.00 | 2.89 | | | 1.48 | |
| 20-Aug | 5.95 | | | 6.94 | 8.69 | 2.90 | | | 1.48 | |
| 21-Aug | 5.95 | | | 6.94 | 8.77 | 2.90 | | | 1.48 | |
| 22-Aug | 5.95 | | | 6.94 | 8.77 | 2.90 | | | 1.48 | |
| 23-Aug | 5.95 | | | 6.94 | 8.60 | 2.91 | | | 1.49 | |
| 24-Aug | 5.95 | | | 6.94 | 8.30 | 2.91 | | | 1.48 | |
| 25-Aug | 5.95 | | | 6.94 | 8.30 | 2.92 | | | 1.48 | |
| 26-Aug | 5.94 | | | 6.94 | 8.71 | 2.93 | | | 1.47 | |
| 27-Aug | 5.94 | | | 6.94 | 8.61 | 2.94 | | | 1.47 | |
| 28-Aug | 5.94 | | | 6.94 | 8.66 | 2.94 | | | 1.47 | |
| 29-Aug | 5.93 | | | 6.94 | 8.79 | 2.95 | | | 1.47 | |
| 30-Aug | 5.94 | | | 6.95 | 8.79 | 2.96 | | | 1.47 | |
| 31-Aug | 5.94 | | | 6.95 | 8.77 | 2.97 | | | 1.45 | |
| Max. | 6.00 | 5.05 | | 6.97 | 9.02 | 2.97 | 12.18 | | 1.49 | |
| Min. | 5.93 | 4.91 | | 6.93 | 8.30 | 2.76 | 12.17 | | 1.38 | |
| Average | 5.95 | 4.95 | | 6.94 | 8.82 | 2.87 | 12.17 | | 1.44 | |

## The Results of Continuous Measurement of Water Levels (4/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1997 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Sep | 5.94 | | | 6.95 | 8.74 | 2.98 | | | 1.44 | |
| 2-Sep | 5.94 | | | 6.95 | 8.74 | 2.99 | | | 1.44 | |
| 3-Sep | 5.94 | | | 6.95 | 8.71 | 2.99 | | | 1.44 | |
| 4-Sep | 5.94 | | | 6.95 | 8.71 | 3.00 | | | 1.45 | |
| 5-Sep | 5.93 | | | 6.95 | 8.71 | 3.00 | | | 1.46 | |
| 6-Sep | 5.94 | | | 6.95 | 8.66 | 3.01 | | | 1.46 | |
| 7-Sep | 5.94 | | | 6.95 | 9.00 | 3.02 | | | 1.45 | |
| 8-Sep | 5.94 | | | 6.95 | 9.14 | 3.03 | | | 1.44 | |
| 9-Sep | 5.94 | | | 6.95 | 8.90 | 3.03 | | | 1.43 | |
| 10-Sep | 5.94 | | | 6.95 | 8.71 | 3.04 | | | 1.42 | |
| 11-Sep | 5.94 | | | 6.96 | 8.56 | 3.04 | | | 1.42 | |
| 12-Sep | 5.93 | | | 6.96 | 8.56 | 3.05 | | | 1.41 | |
| 13-Sep | | | | | | 3.06 | | | | |
| 14-Sep | | | | | | | | | | |
| 15-Sep | | | | | | | | | | |
| 16-Sep | | | | | | | | | | |
| 17-Sep | | | | | | | | | | |
| 18-Sep | | | | | | | | | | |
| 19-Sep | | | | | | | | | | |
| 20-Sep | | | | | | | | | | |
| 21-Sep | | | | | | | | | | |
| 22-Sep | | | | | | | | | | |
| 23-Sep | | | | | | | | | | |
| 24-Sep | | | | | | | | | | |
| 25-Sep | | | | | | | | | | |
| 26-Sep | | | | | | | | | | |
| 27-Sep | 5.94 | 5.45 | 10.70 | 6.97 | 8.67 | 3.12 | 12.78 | 3.34 | 1.30 | 0.85 |
| 28-Sep | | | | 6.97 | 8.97 | 3.12 | | | | |
| 29-Sep | | | | 6.97 | 8.62 | 3.12 | | | | |
| 30-Sep | | | | 6.97 | 8.32 | 3.13 | | | | |
| | | | | | | | | | | |
| Max. | 5.94 | | | 6.97 | 9.14 | 3.13 | | | 1.46 | |
| Min. | 5.93 | | | 6.95 | 8.32 | 2.98 | | | 1.30 | |
| Average | 5.94 | | | 6.96 | 8.73 | 3.04 | | | 1.43 | |

## The Results of Continuous Measurement of Water Levels (5/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1997 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Oct | | | | 6.98 | 8.52 | 3.13 | | | | |
| 2-Oct | 5.94 | | | 6.98 | 8.42 | 3.13 | | | | |
| 3-Oct | 5.94 | | | 6.98 | 8.82 | 3.13 | | | | |
| 4-Oct | 5.94 | | | 6.98 | 8.98 | 3.14 | | | | |
| 5-Oct | 5.93 | | | 6.98 | 8.87 | 3.14 | | | | |
| 6-Oct | 5.93 | | | 6.98 | 8.94 | 3.14 | | | | |
| 7-Oct | 5.94 | | | 6.98 | 8.57 | 3.14 | | | | |
| 8-Oct | 5.94 | | | 6.98 | 9.03 | 3.15 | | | | |
| 9-Oct | 5.94 | | | 6.99 | 9.00 | 3.15 | | | | |
| 10-Oct | 5.93 | | | 6.99 | 9.00 | 3.15 | | | | |
| 11-Oct | 5.93 | | | 6.99 | 9.10 | 3.15 | | | | |
| 12-Oct | 5.93 | | | 6.99 | 9.28 | 3.15 | | | | |
| 13-Oct | 5.93 | | | 6.99 | 8.57 | 3.16 | | | | |
| 14-Oct | 5.93 | | | 6.99 | 8.18 | 3.16 | | | | |
| 15-Oct | 5.93 | | | 6.99 | 8.22 | 3.16 | | | | |
| 16-Oct | 5.92 | | | 6.99 | 8.21 | 3.16 | | | | |
| 17-Oct | 5.91 | | | 7.00 | 8.37 | 3.17 | | | | |
| 18-Oct | 5.87 | | | 7.00 | 8.27 | 3.17 | | | | |
| 19-Oct | 5.86 | | | 7.00 | 8.46 | 3.17 | | | | |
| 20-Oct | 5.86 | | | 7.00 | 8.37 | 3.17 | | | | |
| 21-Oct | 5.86 | | | 7.00 | 8.33 | 3.18 | | | | |
| 22-Oct | 5.86 | | | 7.00 | 8.47 | 3.18 | | | | |
| 23-Oct | 5.86 | | | 7.00 | 8.17 | 3.18 | | | | |
| 24-Oct | 5.86 | | | 7.00 | 8.26 | 3.18 | | | | |
| 25-Oct | 5.86 | | | 7.01 | 8.52 | 3.18 | | | | |
| 26-Oct | 5.86 | | | 7.01 | 8.56 | 3.19 | | | | |
| 27-Oct | 5.86 | | | 7.01 | 8.67 | 3.19 | | | | |
| 28-Oct | 5.86 | | | 7.01 | 8.46 | 3.19 | | | | |
| 29-Oct | 5.86 | | | 7.01 | | 3.19 | | | | |
| 30-Oct | 5.86 | | | 7.01 | | 3.20 | | | | |
| 31-Oct | 5.86 | | | 7.01 | | 3.20 | | | | |
| Max. | 5.94 | | | 7.01 | 9.28 | 3.20 | | | | |
| Min. | 5.86 | | | 6.98 | 8.17 | 3.13 | | | | |
| Average | 5.90 | | | 6.99 | 8.59 | 3.16 | | | | |

## The Results of Continuous Measurement of Water Levels (6/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells<br>1997 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Nov | 5.86 | | | 7.01 | | 3.20 | | | | |
| 2-Nov | | | | 7.02 | | 3.20 | | | | |
| 3-Nov | | | | 7.02 | | 3.21 | | | | |
| 4-Nov | | | | 7.02 | | 3.21 | | | | |
| 5-Nov | 5.81 | 5.46 | 10.70 | 7.02 | 8.94 | 3.21 | 12.23 | 3.40 | 1.37 | 0.86 |
| 6-Nov | 5.81 | | | 7.02 | 8.97 | 3.21 | | | | |
| 7-Nov | 5.81 | | | 7.02 | 9.07 | 3.21 | | | | |
| 8-Nov | 5.81 | | | 7.02 | 9.07 | 3.22 | | | | |
| 9-Nov | 5.82 | | | 7.02 | 8.81 | 3.22 | | | | |
| 10-Nov | 5.82 | | | 7.03 | 8.73 | 3.22 | | | | |
| 11-Nov | 5.83 | | | 7.03 | 9.08 | 3.22 | | | | |
| 12-Nov | 5.83 | | | 7.03 | 9.33 | 3.23 | | | | |
| 13-Nov | 5.83 | | | 7.03 | 9.49 | 3.23 | | | | |
| 14-Nov | 5.88 | | | 7.03 | 9.53 | 3.23 | | | | |
| 15-Nov | 5.92 | | | 7.03 | 9.63 | 3.23 | | | | |
| 16-Nov | 5.92 | | | 7.03 | 9.68 | 3.24 | | | | |
| 17-Nov | 5.92 | | | 7.03 | 9.72 | 3.24 | | | | |
| 18-Nov | 5.92 | | | 7.03 | 9.82 | 3.24 | | | | |
| 19-Nov | 5.92 | | | 7.03 | 9.07 | 3.24 | | | | |
| 20-Nov | 5.92 | | | 7.04 | 8.78 | 3.25 | | | | |
| 21-Nov | 5.92 | | | 7.04 | 9.26 | 3.25 | | | | |
| 22-Nov | 5.92 | | | 7.04 | 8.94 | 3.25 | | | | |
| 23-Nov | 5.92 | | | 7.04 | 9.28 | 3.25 | | | | |
| 24-Nov | 5.92 | | | 7.04 | 9.63 | 3.25 | | | | |
| 25-Nov | 5.93 | | | 7.04 | 9.52 | 3.26 | | | | |
| 26-Nov | 5.92 | | | 7.04 | 9.07 | 3.26 | | | | |
| 27-Nov | 5.93 | | | 7.04 | 9.21 | 3.26 | | | | |
| 28-Nov | 5.93 | | | 7.04 | 9.26 | 3.26 | | | | |
| 29-Nov | 5.93 | | | 7.04 | 9.32 | 3.27 | | | | |
| 30-Nov | 5.99 | | | 7.05 | 9.65 | 3.27 | | | | |
| | | | | | | | | | | |
| Max. | 5.99 | | | 7.05 | 9.82 | 3.27 | | | | |
| Min. | 5.81 | | | 7.01 | 8.73 | 3.20 | | | | |
| Average | 5.89 | | | 7.03 | 9.26 | 3.23 | | | | |

## The Results of Continuous Measurement of Water Levels (7/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1997 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Dec | 5.99 | | | 7.05 | 9.38 | 3.27 | | | | |
| 2-Dec | 5.99 | | | 7.05 | 9.22 | 3.27 | | | | |
| 3-Dec | 5.98 | | | 7.05 | 9.28 | 3.28 | | | | |
| 4-Dec | 5.99 | | | 7.05 | 9.50 | 3.28 | | | | |
| 5-Dec | 5.99 | 5.48 | 10.72 | 7.05 | 8.96 | 3.28 | 12.30 | 3.40 | 1.00 | 0.73 |
| 6-Dec | 5.99 | | | 7.05 | 9.47 | 3.28 | | | | |
| 7-Dec | 5.99 | | | 7.05 | 9.45 | 3.28 | | | | |
| 8-Dec | 5.99 | | | 7.06 | 9.45 | 3.29 | | | | |
| 9-Dec | 5.99 | | | 7.06 | 9.45 | 3.29 | | | | |
| 10-Dec | 5.99 | | | 7.06 | 9.45 | 3.29 | | | | |
| 11-Dec | 5.99 | | | 7.06 | 9.44 | 3.29 | | | | |
| 12-Dec | 5.98 | | | 7.06 | 9.44 | 3.30 | | | | |
| 13-Dec | 5.98 | | | 7.06 | 9.45 | 3.30 | | | | |
| 14-Dec | 5.98 | | | 7.07 | 9.45 | 3.30 | | | | |
| 15-Dec | 5.98 | | | 7.07 | 9.45 | 3.30 | | | | |
| 16-Dec | 5.98 | | | 7.07 | 9.19 | 3.31 | | | | |
| 17-Dec | 5.97 | | | 7.07 | 9.19 | 3.31 | | | | |
| 18-Dec | 5.97 | | | 7.07 | 9.16 | 3.31 | | | | |
| 19-Dec | 5.97 | | | 7.07 | 9.16 | 3.31 | | | | |
| 20-Dec | 5.98 | | | 7.08 | 9.08 | 3.32 | | | | |
| 21-Dec | 5.99 | | | 7.08 | 8.98 | 3.32 | | | | |
| 22-Dec | 5.99 | | | 7.08 | 9.05 | 3.32 | | | | |
| 23-Dec | 5.99 | | | 7.08 | 9.09 | 3.32 | | | | |
| 24-Dec | 5.99 | | | 7.08 | 9.28 | 3.32 | | | | |
| 25-Dec | 5.99 | | | 7.08 | 9.05 | 3.33 | | | | |
| 26-Dec | 5.99 | | | 7.09 | 9.05 | 3.33 | | | | |
| 27-Dec | 5.99 | | | 7.09 | 9.50 | 3.33 | | | | |
| 28-Dec | 5.99 | | | 7.09 | 9.80 | 3.33 | | | | |
| 29-Dec | 6.02 | | | 7.09 | 9.82 | 3.34 | | | | |
| 30-Dec | 6.02 | | | 7.09 | 9.80 | 3.34 | | | | |
| 31-Dec | 6.02 | | | 7.09 | 9.57 | 3.34 | | | | |
| Max. | 6.02 | | | 7.09 | 9.82 | 3.34 | | | | |
| Min. | 5.97 | | | 7.05 | 8.96 | 3.27 | | | | |
| Average | 5.99 | | | 7.07 | 9.33 | 3.30 | | | | |

## The Results of Continuous Measurement of Water Levels (8/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1998 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Jan | 6.02 | | | 7.10 | 9.54 | 3.34 | | | | |
| 2-Jan | | | | 7.10 | 9.85 | 3.35 | | | | |
| 3-Jan | | | | 7.10 | 9.89 | 3.35 | | | | |
| 4-Jan | 6.10 | 5.50 | 10.70 | 7.10 | 9.70 | 3.35 | 12.36 | 3.50 | | |
| 5-Jan | 6.10 | | | 7.10 | 9.90 | 3.35 | | | | |
| 6-Jan | 6.09 | | | 7.10 | 9.65 | 3.35 | | | | |
| 7-Jan | 6.09 | | | 7.10 | 9.66 | 3.35 | | | | |
| 8-Jan | 6.09 | | | 7.10 | 9.74 | 3.35 | | | | |
| 9-Jan | 6.09 | | | 7.10 | 9.69 | 3.35 | | | | |
| 10-Jan | 6.09 | | | 7.10 | 9.69 | 3.35 | | | | |
| 11-Jan | 6.09 | | | 7.10 | 9.82 | 3.35 | | | | |
| 12-Jan | 6.09 | | | 7.11 | 9.86 | 3.35 | | | | |
| 13-Jan | 6.09 | | | 7.11 | 9.75 | 3.35 | | | | |
| 14-Jan | 6.09 | | | 7.11 | 9.75 | 3.35 | | | | |
| 15-Jan | 6.09 | 5.70 | 10.70 | 7.12 | 9.74 | 3.35 | 12.40 | 3.40 | | 0.73 |
| 16-Jan | 6.10 | | | 7.12 | 9.74 | 3.35 | | | | |
| 17-Jan | 6.10 | | | 7.12 | 9.74 | 3.35 | | | | |
| 18-Jan | 6.10 | | | 7.12 | 9.75 | 3.35 | | | | |
| 19-Jan | 6.10 | | | 7.12 | 9.70 | 3.35 | | | | |
| 20-Jan | 6.10 | | | 7.12 | 9.70 | 3.35 | | | | |
| 21-Jan | 6.10 | | | 7.13 | 9.70 | 3.35 | | | | |
| 22-Jan | 6.10 | | | 7.13 | 9.85 | 3.35 | | | | |
| 23-Jan | 6.11 | | | 7.13 | 10.05 | 3.35 | | | | |
| 24-Jan | 6.11 | | | 7.13 | 10.00 | 3.35 | | | | |
| 25-Jan | 6.11 | | | 7.13 | 10.00 | 3.35 | | | | |
| 26-Jan | 6.11 | | | 7.13 | 10.00 | 3.35 | | | | |
| 27-Jan | 6.11 | | | 7.13 | 10.00 | 3.35 | | | | |
| 28-Jan | 6.11 | | | 7.13 | 10.00 | 3.35 | | | | |
| 29-Jan | 6.12 | | | 7.13 | 10.05 | 3.35 | | | | |
| 30-Jan | 6.14 | | | 7.13 | 10.10 | 3.35 | | | | |
| 31-Jan | 6.14 | | | 7.13 | 10.10 | 3.35 | | | | |
| Max. | 6.14 | | | 7.13 | 10.10 | 3.35 | | | | |
| Min. | 6.02 | | | 7.10 | 9.54 | 3.34 | | | | |
| Average | 6.10 | | | 7.12 | 9.83 | 3.35 | | | | |

## The Results of Continuous Measurement of Water Levels (9/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1998 | Kharzat Intake Wel | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Feb | 6.14 | | | 7.13 | 10.10 | 3.35 | | | | |
| 2-Feb | 6.15 | | | 7.14 | 10.10 | 3.35 | | | | |
| 3-Feb | 6.16 | | | 7.14 | 10.10 | 3.35 | | | | |
| 4-Feb | 6.16 | | | 7.15 | 10.10 | 3.35 | | | | |
| 5-Feb | | | | | 10.25 | 3.35 | | | | |
| 6-Feb | | | | | | 3.35 | | | | |
| 7-Feb | | | | | | 3.35 | | | | |
| 8-Feb | | | | | | 3.35 | | | | |
| 9-Feb | | | | | | 3.35 | | | | |
| 10-Feb | | | | | | 3.35 | | | | |
| 11-Feb | | | | | | 3.35 | | | | |
| 12-Feb | | | | | | 3.35 | | | | |
| 13-Feb | | | | | | 3.35 | | | | |
| 14-Feb | 6.28 | 6.00 | 10.71 | 7.15 | 10.10 | 3.34 | 12.48 | 3.40 | | |
| 15-Feb | 6.27 | | | 7.15 | 10.20 | 3.33 | | | | |
| 16-Feb | 6.27 | | | 7.15 | 10.20 | 3.33 | | | | |
| 17-Feb | 6.27 | | | 7.16 | 10.10 | 3.32 | | | | |
| 18-Feb | 6.27 | | | 7.16 | 10.20 | 3.32 | | | | |
| 19-Feb | 6.27 | | | 7.16 | 10.25 | 3.31 | | | | |
| 20-Feb | 6.27 | | | 7.16 | 10.35 | 3.30 | | | | |
| 21-Feb | 6.27 | | | 7.17 | 10.36 | 3.30 | | | | |
| 22-Feb | 6.27 | | | 7.17 | 10.55 | 3.29 | | | | |
| 23-Feb | 6.28 | | | 7.17 | 10.55 | 3.29 | | | | |
| 24-Feb | 6.28 | | | 7.17 | 10.55 | 3.28 | | | | |
| 25-Feb | 6.28 | | | 7.18 | 10.55 | 3.27 | | | | |
| 26-Feb | 6.28 | | | 7.18 | 10.60 | 3.27 | | | | |
| 27-Feb | 6.28 | | | 7.18 | 10.74 | 3.26 | | | | |
| 28-Feb | 6.29 | | | 7.18 | | 3.25 | | | | |
| | | | | | | | | | | |
| Max. | 6.29 | | | 7.18 | 10.74 | 3.35 | | | | |
| Min. | 6.14 | | | 7.13 | 10.10 | 3.25 | | | | |
| Average | 6.25 | | | 7.16 | 10.31 | 3.32 | | | | |

## The Results of Continuous Measurement of Water Levels (10/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1998 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Mar | 6.29 | | | 7.18 | | 3.25 | | | | |
| 2-Mar | 6.29 | | | 7.19 | | 3.24 | | | | |
| 3-Mar | 6.29 | | | 7.19 | | 3.24 | | | | |
| 4-Mar | 6.29 | | | 7.19 | | 3.23 | | | | |
| 5-Mar | 6.29 | | | 7.19 | | 3.22 | | | | |
| 6-Mar | 6.31 | | | 7.20 | | 3.22 | | | | |
| 7-Mar | 6.31 | | | 7.20 | | 3.21 | | | | |
| 8-Mar | 6.32 | | | 7.20 | | 3.21 | | | | |
| 9-Mar | 6.32 | 5.22 | 9.21 | 7.20 | 10.39 | 3.20 | 11.70 | 3.26 | | |
| 10-Mar | 6.40 | | | 7.20 | 10.46 | 3.20 | | | | |
| 11-Mar | 6.39 | | | 7.20 | 10.70 | 3.20 | | | | |
| 12-Mar | 6.40 | | | 7.20 | 10.80 | 3.19 | | | | |
| 13-Mar | 6.41 | | | 7.19 | 10.85 | 3.18 | | | | |
| 14-Mar | 6.41 | | | 7.19 | 10.80 | 3.17 | | | | |
| 15-Mar | 6.40 | | | 7.19 | 10.80 | 3.16 | | | | |
| 16-Mar | 6.40 | | | 7.19 | 10.85 | 3.15 | | | | |
| 17-Mar | 6.42 | | | 7.19 | 11.05 | 3.15 | | | | |
| 18-Mar | 6.45 | | | 7.19 | 11.10 | 3.14 | | | | |
| 19-Mar | 6.46 | | | 7.19 | 11.10 | 3.14 | | | | |
| 20-Mar | 6.46 | | | 7.19 | 11.00 | 3.13 | | | | |
| 21-Mar | 6.46 | | | 7.18 | 10.90 | 3.11 | | | | |
| 22-Mar | 6.46 | | | 7.18 | 10.80 | 3.10 | | | | |
| 23-Mar | 6.46 | | | 7.18 | 10.80 | 3.10 | | | | |
| 24-Mar | 6.46 | | | 7.18 | | 3.09 | | | | |
| 25-Mar | 6.46 | | | 7.18 | | 3.08 | | | | |
| 26-Mar | 6.46 | | | 7.18 | | 3.07 | | | | |
| 27-Mar | 6.46 | | | 7.18 | | 3.06 | | | | |
| 28-Mar | 6.46 | | | 7.18 | | 3.06 | | | | |
| 29-Mar | 6.49 | | | 7.17 | | 3.06 | | | | |
| 30-Mar | 6.48 | | | 7.17 | | 3.06 | | | | |
| 31-Mar | 6.48 | | | 7.17 | | 3.05 | | | | |
| Max. | 6.49 | | | 7.20 | 11.10 | 3.25 | | | | |
| Min. | 6.29 | | | 7.17 | 10.39 | 3.05 | | | | |
| Average | 6.40 | | | 7.19 | 10.83 | 3.15 | | | | |

## The Results of Continuous Measurement of Water Levels (11/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1998 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Apr | 6.48 | | | 7.17 | | 3.04 | | | | |
| 2-Apr | 6.48 | | | 7.17 | | 3.03 | | | | |
| 3-Apr | 6.49 | | | 7.17 | | 3.03 | | | | |
| 4-Apr | 6.52 | | | 7.17 | | 3.03 | | | | |
| 5-Apr | 6.52 | | | 7.17 | | 3.02 | | | | |
| 6-Apr | 6.52 | | | 7.16 | | 3.02 | | | | |
| 7-Apr | 6.52 | | | 7.16 | | 3.00 | | | | |
| 8-Apr | 6.51 | | | 7.16 | | 3.00 | | | | |
| 9-Apr | 6.51 | | | 7.16 | | 2.98 | | | | |
| 10-Apr | 6.54 | 5.14 | | 7.16 | 10.83 | 2.95 | 11.70 | 3.20 | 1.80 | 0.70 |
| 11-Apr | 6.54 | | | 7.16 | 10.83 | 2.94 | | | | |
| 12-Apr | 6.53 | | | 7.16 | 10.96 | 2.93 | | | | |
| 13-Apr | 6.54 | | | 7.16 | 10.95 | 2.93 | | | | |
| 14-Apr | 6.51 | | | 7.16 | 10.59 | 2.92 | | | | |
| 15-Apr | 6.51 | | | 7.16 | 10.47 | 2.93 | | | | |
| 16-Apr | 6.50 | | | 7.16 | 10.47 | 2.93 | | | | |
| 17-Apr | 6.47 | | | 7.16 | 10.47 | 2.92 | | | | |
| 18-Apr | 6.45 | | | 7.16 | 10.47 | 2.92 | | | | |
| 19-Apr | 6.37 | | | 7.16 | 9.78 | 2.93 | | | | |
| 20-Apr | 6.36 | | | 7.16 | 10.27 | 2.92 | | | | |
| 21-Apr | 6.39 | | | 7.16 | 10.32 | 2.92 | | | | |
| 22-Apr | 6.39 | | | 7.16 | 10.32 | 2.92 | | | | |
| 23-Apr | 6.40 | | | 7.16 | 10.57 | 2.91 | | | | |
| 24-Apr | 6.40 | | | 7.16 | 10.74 | 2.88 | | | | |
| 25-Apr | 6.39 | | | 7.16 | 9.62 | 2.88 | | | | |
| 26-Apr | 6.39 | | | 7.16 | 9.62 | 2.84 | | | | |
| 27-Apr | 6.42 | | | 7.16 | 9.62 | 2.85 | | | | |
| 28-Apr | 6.42 | | | 7.16 | 9.62 | 2.85 | | | | |
| 29-Apr | 6.41 | | | 7.16 | 9.62 | 2.85 | | | | |
| 30-Apr | 6.41 | | | 7.16 | 9.62 | 2.86 | | | | |
| | | | | | | | | | | |
| Max. | 6.54 | | | 7.17 | 10.96 | 3.04 | | | | |
| Min. | 6.36 | | | 7.16 | 9.62 | 2.84 | | | | |
| Average | 6.46 | | | 7.16 | 10.27 | 2.94 | | | | |

## The Results of Continuous Measurement of Water Levels (12/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day.

(meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1998 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-May | 6.38 | 5.06 | | 7.16 | 9.62 | 2.86 | | 3.15 | 1.90 | 0.70 |
| 2-May | 6.39 | | | 7.16 | 9.61 | 2.86 | | | | |
| 3-May | 6.36 | | | 7.16 | 9.47 | 2.86 | | | | |
| 4-May | 6.35 | | | 7.16 | 9.40 | 2.86 | | | | |
| 5-May | 6.35 | | | 7.16 | 9.50 | 2.87 | | | | |
| 6-May | 6.38 | | | 7.16 | 9.64 | 2.88 | | | | |
| 7-May | 6.36 | | | 7.16 | 9.51 | 2.88 | | | | |
| 8-May | 6.31 | | | 7.16 | 9.31 | 2.88 | | | | |
| 9-May | 6.30 | | | 7.16 | 9.38 | 2.88 | | | | |
| 10-May | 6.29 | | | 7.16 | 9.50 | 2.88 | | | | |
| 11-May | 6.28 | | | 7.16 | 9.64 | 2.88 | | | | |
| 12-May | 6.29 | | | 7.15 | 9.80 | 2.88 | | | | |
| 13-May | 6.27 | | | 7.15 | 9.90 | 2.87 | | | | |
| 14-May | 6.28 | | | 7.15 | 9.90 | 2.87 | | | | |
| 15-May | 6.31 | | | 7.15 | 9.91 | 2.87 | | | | |
| 16-May | 6.27 | | | 7.15 | 9.44 | 2.87 | | | | |
| 17-May | 6.27 | | | 7.15 | 9.72 | 2.87 | | | | |
| 18-May | 6.28 | | | 7.15 | 9.91 | 2.87 | | | | |
| 19-May | 6.27 | 5.12 | | 7.14 | 9.89 | 2.87 | | 2.92 | 0.83 | 0.31 |
| 20-May | 6.31 | | | 7.14 | 10.03 | 2.87 | | | | |
| 21-May | 6.31 | | | 7.14 | 10.02 | 2.88 | | | | |
| 22-May | 6.31 | | | 7.14 | 10.02 | 2.90 | | | | |
| 23-May | 6.36 | | | 7.14 | 10.02 | 2.90 | | | | |
| 24-May | 6.32 | | | 7.14 | 10.02 | 2.92 | | | | |
| 25-May | 6.29 | | | 7.14 | 10.02 | 2.92 | | | | |
| 26-May | 6.29 | | | 7.14 | 9.96 | 2.93 | | | | |
| 27-May | 6.31 | | | 7.14 | 9.89 | 2.95 | | | | |
| 28-May | 6.29 | | | 7.14 | 9.94 | 2.95 | | | | |
| 29-May | 6.29 | | | 7.14 | 9.95 | 2.95 | | | | |
| 30-May | 6.28 | | | 7.13 | 9.89 | 2.95 | | | | |
| 31-May | 6.30 | | | 7.13 | 10.08 | 2.96 | | | | |
| Max. | 6.39 | | | 7.16 | 10.08 | 2.96 | | | | |
| Min. | 6.27 | | | 7.13 | 9.31 | 2.86 | | | | |
| Average | 6.31 | | | 7.15 | 9.77 | 2.89 | | | | |

## The Results of Continuous Measurement of Water Levels (13/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1998 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Jun | 6.31 | | | 7.13 | 10.08 | 2.96 | | | | |
| 2-Jun | 6.30 | | | | 10.17 | 2.97 | | | | |
| 3-Jun | | | | | | | | | | |
| 4-Jun | | | | | | | | | | |
| 5-Jun | 6.30 | | | 7.13 | 10.15 | 2.98 | | | | |
| 6-Jun | | | | 7.12 | 10.15 | 2.98 | | | | |
| 7-Jun | 6.31 | | | 7.12 | 10.15 | 2.97 | | | | |
| 8-Jun | 6.30 | | | 7.12 | 10.26 | 2.97 | | | | |
| 9-Jun | 6.30 | | | 7.12 | 10.25 | 2.97 | | | | |
| 10-Jun | 6.28 | | | 7.12 | 10.25 | 2.96 | | | | |
| 11-Jun | 6.29 | | | 7.12 | 10.34 | 2.95 | | | | |
| 12-Jun | 6.30 | | | 7.12 | 10.40 | 2.94 | | | | |
| 13-Jun | 6.31 | | | 7.12 | 10.32 | 2.94 | | | | |
| 14-Jun | 6.33 | | | 7.12 | 10.35 | 2.94 | | | | |
| 15-Jun | 6.33 | | | 7.12 | 10.52 | 2.94 | | | | |
| 16-Jun | 6.32 | | | 7.12 | 10.25 | 2.94 | | | | |
| 17-Jun | 6.33 | | | 7.12 | 10.37 | 2.94 | | | | |
| 18-Jun | 6.33 | | | 7.12 | 10.52 | 2.94 | | | | |
| 19-Jun | 6.31 | | | 7.12 | 10.52 | 2.94 | | | | |
| 20-Jun | 6.31 | | | 7.11 | 10.52 | 2.94 | | | | |
| 21-Jun | 6.30 | | | 7.10 | 10.44 | 2.94 | | | | |
| 22-Jun | 6.32 | | | 7.10 | 10.54 | 2.95 | | | | |
| 23-Jun | 6.32 | | | 7.09 | 10.47 | 2.95 | | | | |
| 24-Jun | 6.33 | | | 7.09 | 10.56 | 2.95 | | | | |
| 25-Jun | 6.33 | | | 7.07 | 10.64 | 2.96 | | | | |
| 26-Jun | 6.34 | | | 7.07 | 10.66 | 2.96 | | | | |
| 27-Jun | 6.33 | | | 7.07 | 10.64 | 2.96 | | | | |
| 28-Jun | 6.35 | | | 7.06 | 10.52 | 2.97 | | | | |
| 29-Jun | 6.35 | | | 7.06 | 10.55 | 2.97 | | | | |
| 30-Jun | 6.35 | 5.21 | | 7.05 | 10.57 | 2.98 | | 2.91 | 1.40 | 0.72 |
| | | | | | | | | | | |
| Max. | 6.35 | | | 7.13 | 10.66 | 2.98 | | | | |
| Min. | 6.28 | | | 7.05 | 10.08 | 2.94 | | | | |
| Average | 6.32 | | | 7.10 | 10.40 | 2.96 | | | | |

## The Results of Continuous Measurement of Water Levels (14/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1998 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Jul | 6.35 | | | 7.04 | 10.57 | 2.98 | | | | |
| 2-Jul | 6.35 | | | 7.04 | 10.59 | 2.98 | | | | |
| 3-Jul | 6.36 | | | 7.00 | 10.57 | 2.98 | | | | |
| 4-Jul | 6.36 | | | 7.00 | 10.57 | 2.99 | | | | |
| 5-Jul | 6.36 | | | 7.02 | 10.57 | 2.99 | | | | |
| 6-Jul | 6.36 | | | 7.00 | 10.57 | 3.00 | | | | |
| 7-Jul | 6.33 | | | 6.97 | 10.48 | 3.00 | | | | |
| 8-Jul | 6.33 | | | 6.95 | 10.48 | 3.00 | | | | |
| 9-Jul | 6.33 | | | 6.97 | 10.48 | 3.00 | | | | |
| 10-Jul | 6.32 | | | 6.97 | 10.48 | 2.99 | | | | |
| 11-Jul | 6.30 | | | 6.95 | 10.48 | 2.98 | | | | |
| 12-Jul | 6.31 | | | 6.95 | 10.48 | 2.98 | | | | |
| 13-Jul | 6.30 | | | 6.92 | 10.48 | 2.99 | | | | |
| 14-Jul | 6.31 | | | 6.90 | 10.48 | 2.98 | | | | |
| 15-Jul | 6.31 | | | 6.90 | 10.48 | 2.97 | | | | |
| 16-Jul | 6.30 | | | 6.89 | 10.48 | 2.95 | | | | |
| 17-Jul | 6.31 | | | 6.88 | 10.48 | 2.91 | | | | |
| 18-Jul | 6.31 | | | 6.88 | 10.48 | 2.87 | | | | |
| 19-Jul | 6.31 | | | 6.87 | 10.33 | 2.85 | | | | |
| 20-Jul | 6.31 | | | 6.87 | 10.33 | 2.83 | | | | |
| 21-Jul | 6.31 | | | 6.87 | 10.37 | | | | | |
| 22-Jul | 6.30 | | | 6.87 | 10.27 | | | | | |
| 23-Jul | 6.31 | | | 6.87 | 10.25 | | | | | |
| 24-Jul | 6.31 | | | 6.87 | | | | | | |
| 25-Jul | 6.31 | | | 6.88 | | | | | | |
| 26-Jul | 6.31 | | | 6.88 | | | | | | |
| 27-Jul | 6.27 | | | 6.89 | | 2.81 | | | | |
| 28-Jul | 6.27 | | | 6.89 | | 2.80 | | | | |
| 29-Jul | 6.24 | | | 6.90 | | 2.80 | | | | |
| 30-Jul | 6.25 | | | 6.90 | | 2.80 | | | | |
| 31-Jul | | | | 6.90 | | 2.80 | | | | |
| Max. | 6.36 | | | 7.04 | 10.59 | 3.00 | | | | |
| Min. | 6.24 | | | 6.87 | 10.25 | 2.80 | | | | |
| Average | 6.31 | | | 6.93 | 10.47 | 2.93 | | | | |

## The Results of Continuous Measurement of Water Levels (15/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1998 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Aug | 6.18 | 4.97 | | 6.90 | 10.36 | 2.80 | | 2.95 | 0.75 | |
| 2-Aug | 6.18 | | | | 10.36 | 2.80 | | | | |
| 3-Aug | 6.18 | | | | 10.30 | 2.80 | | | | |
| 4-Aug | 6.18 | | | | 10.30 | 2.80 | | | | |
| 5-Aug | 6.18 | | | | 10.12 | 2.80 | | | | |
| 6-Aug | 6.17 | | | | 10.12 | 2.81 | | | | |
| 7-Aug | 6.17 | | | | 10.12 | 2.82 | | | | |
| 8-Aug | 6.17 | | | | 10.20 | 2.83 | | | | |
| 9-Aug | 6.17 | | | | 10.20 | 2.84 | | | | |
| 10-Aug | 6.17 | | | | 10.20 | 2.85 | | | | |
| 11-Aug | 6.16 | | | | 10.20 | 2.86 | | | | |
| 12-Aug | 6.16 | | | | 10.19 | 2.87 | | | | |
| 13-Aug | 6.16 | | | | 10.17 | 2.88 | | | | |
| 14-Aug | 6.16 | | | | 10.07 | 2.89 | | | | |
| 15-Aug | 6.16 | | | | 10.07 | 2.90 | | | | |
| 16-Aug | 6.16 | | | | 10.07 | 2.90 | | | | |
| 17-Aug | 6.16 | | | | 10.07 | 2.92 | | | | |
| 18-Aug | 6.16 | | | | 10.07 | 2.92 | | | | |
| 19-Aug | 6.16 | | | | 10.07 | 2.93 | | | | |
| 20-Aug | 6.16 | | | | 10.07 | 2.94 | | | | |
| 21-Aug | 6.15 | | | | 10.07 | 2.94 | | | | |
| 22-Aug | 6.15 | | | | 10.07 | 2.95 | | | | |
| 23-Aug | 6.15 | | | | 10.07 | 2.96 | | | | |
| 24-Aug | 6.15 | | | | 10.07 | 2.97 | | | | |
| 25-Aug | 6.15 | | | | 10.03 | 2.97 | | | | |
| 26-Aug | 6.16 | | | | 10.05 | 2.98 | | | | |
| 27-Aug | 6.16 | | | | 10.07 | 2.98 | | | | |
| 28-Aug | 6.15 | | | | 10.07 | 2.99 | | | | |
| 29-Aug | 6.15 | | | | 10.07 | 3.00 | | | | |
| 30-Aug | 6.15 | | | | 10.07 | 3.01 | | | | |
| 31-Aug | 6.15 | 5.27 | | 6.83 | 10.07 | 3.03 | | | | |
| Max. | 6.18 | | | | 10.36 | 3.03 | | | | |
| Min. | 6.15 | | | | 10.03 | 2.80 | | | | |
| Average | 6.16 | | | | 10.13 | 2.90 | | | | |

## The Results of Continuous Measurement of Water Levels (16/17)

Annex III-4

The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1998 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Sep | 6.15 | | | | 10.03 | 3.04 | | 3.21 | 1.32 | 0.75 |
| 2-Sep | 6.15 | | | | 10.13 | 3.04 | | | | |
| 3-Sep | 6.15 | | | | 10.14 | 3.05 | | | | |
| 4-Sep | 6.15 | | | | 10.09 | 3.05 | | | | |
| 5-Sep | 6.15 | | | | 10.09 | 3.06 | | | | |
| 6-Sep | 6.15 | | | | 10.09 | 3.06 | | | | |
| 7-Sep | 6.15 | | | | 10.15 | 3.07 | | | | |
| 8-Sep | 6.14 | | | | 9.77 | 3.07 | | | | |
| 9-Sep | 6.14 | | | | 9.90 | 3.08 | | | | |
| 10-Sep | 6.14 | | | | 10.09 | 3.08 | | | | |
| 11-Sep | 6.14 | | | | 10.09 | 3.09 | | | | |
| 12-Sep | 6.14 | | | | 10.09 | 3.10 | | | | |
| 13-Sep | 6.15 | | | | 10.08 | 3.10 | | | | |
| 14-Sep | 6.15 | | | | 10.08 | 3.11 | | | | |
| 15-Sep | 6.14 | | | | 10.08 | 3.11 | | | | |
| 16-Sep | 6.12 | | | | 10.08 | 3.12 | | | | |
| 17-Sep | 6.15 | | | | 9.74 | 3.12 | | | | |
| 18-Sep | 6.17 | | | | 9.95 | 3.13 | | | | |
| 19-Sep | 6.17 | | | | 10.08 | 3.13 | | | | |
| 20-Sep | 6.14 | | | | 10.08 | 3.14 | | | | |
| 21-Sep | 6.11 | | | | 10.08 | 3.15 | | | | |
| 22-Sep | 6.11 | | | | 10.08 | 3.15 | | | | |
| 23-Sep | 6.12 | | | | 10.07 | 3.16 | | | | |
| 24-Sep | 6.11 | | | | 9.94 | 3.16 | | | | |
| 25-Sep | 6.12 | | | | 9.93 | 3.17 | | | | |
| 26-Sep | 6.12 | | | | 9.77 | 3.17 | | | | |
| 27-Sep | 6.10 | | | | 9.77 | 3.18 | | | | |
| 28-Sep | 6.09 | | | | 9.48 | 3.18 | | | | |
| 29-Sep | 6.03 | | | | 9.38 | 3.19 | | | | |
| 30-Sep | 6.07 | | | | 9.48 | 3.19 | | | | |
| | | | | | | | | | | |
| Max. | 6.17 | | | | 10.15 | 3.19 | | | | |
| Min. | 6.03 | | | | 9.38 | 3.04 | | | | |
| Average | 6.13 | | | | 9.96 | 3.12 | | | | |

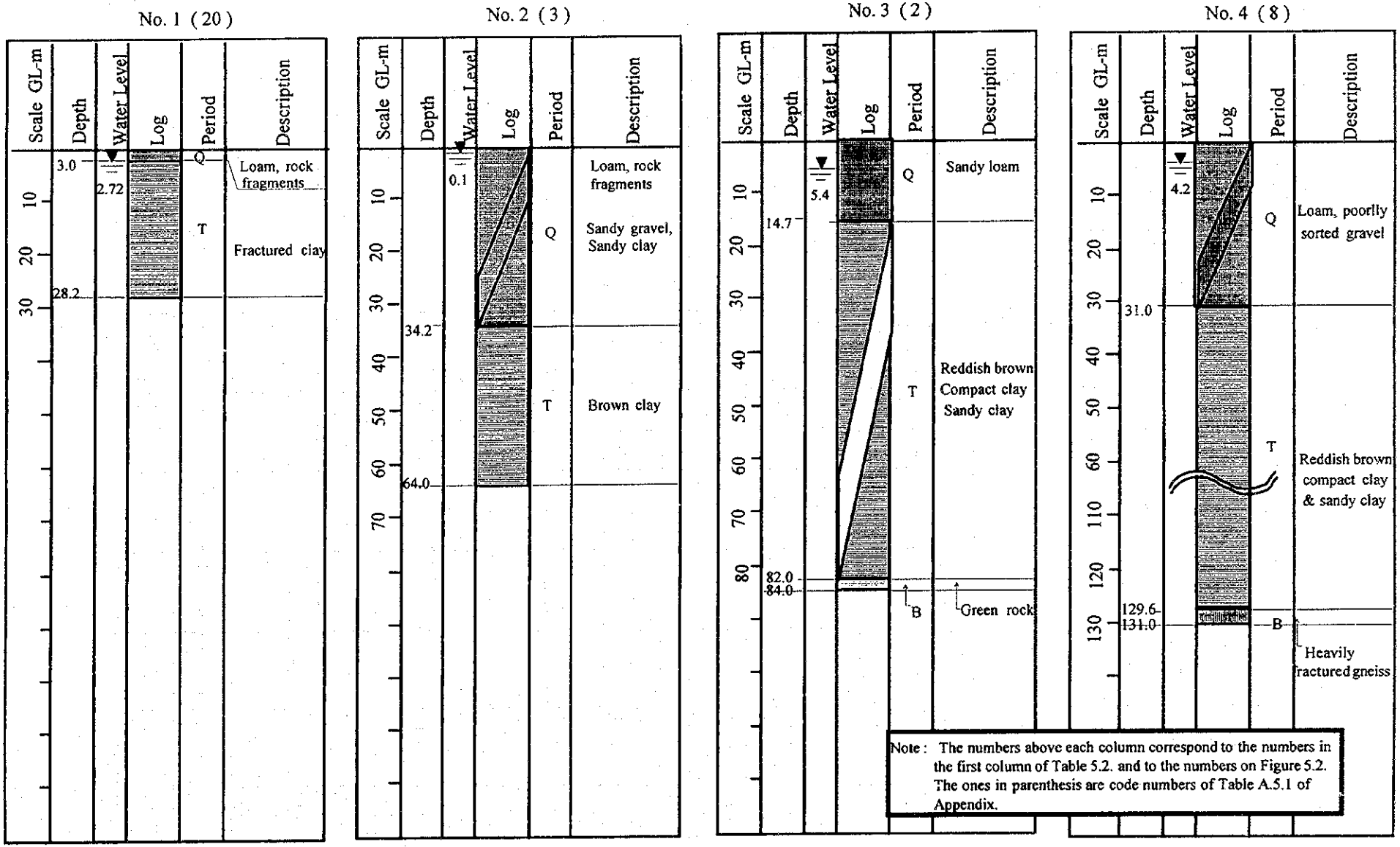
## The Results of Continuous Measurement of Water Levels (17/17)

Annex III-4

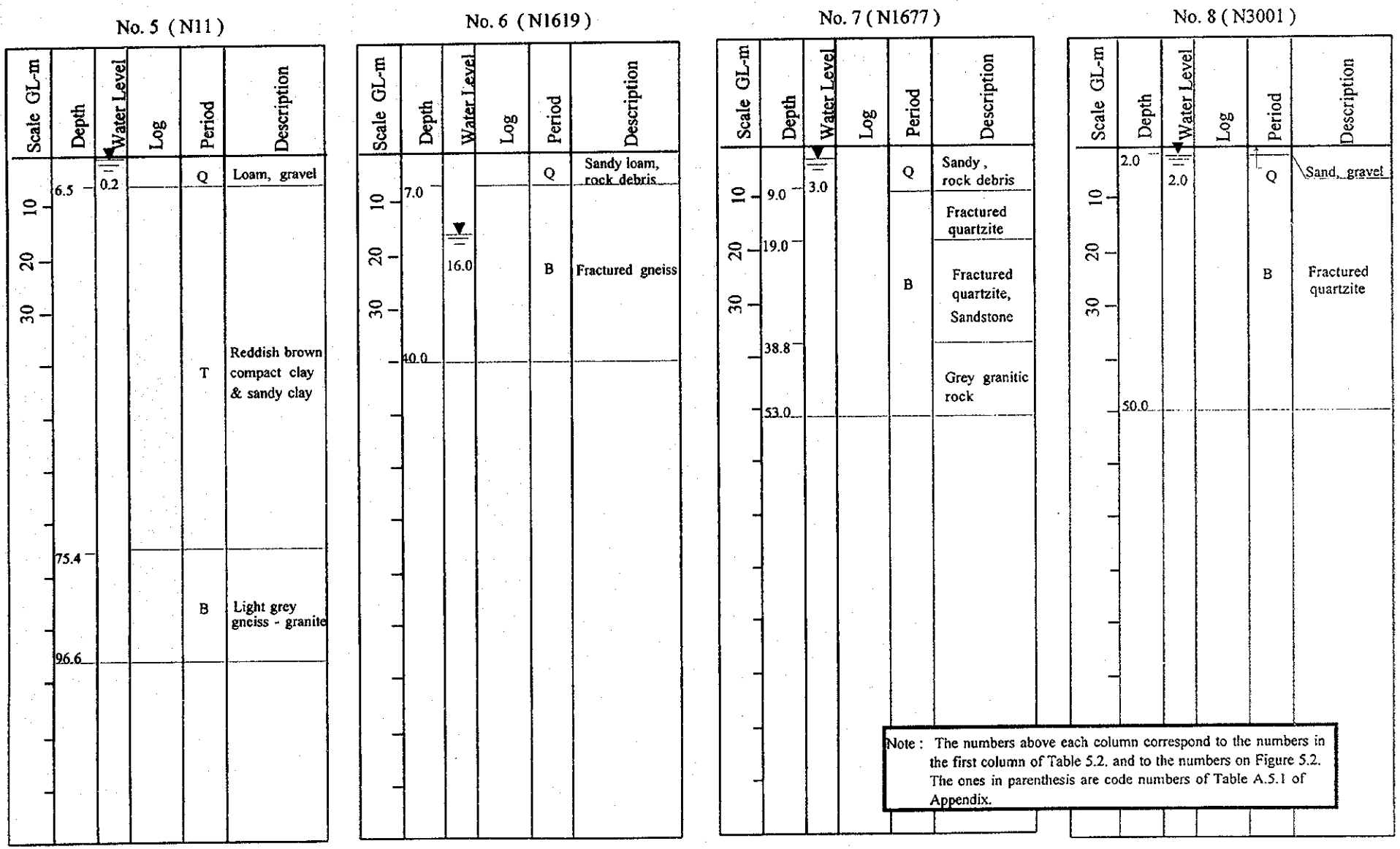
The daily figures are the depth to water surface from the measuring points at noon of the day. (meters)

| | No.1 | No.2 | No.3 | No.4 | No.5 | No.6 | No.7 | No.8 | No.9 | No.10 |
|---|---|---|---|---|---|---|---|---|---|---|
| Name of Wells 1998 | Kharzat Intake Well | School Well | Park Well | Power Station | Kharzat zuun well | Water Supply | Brick Well | Gashuny Well | Ulaan Sharon Well | Estiin Amni Well |
| 1-Oct | 5.97 | 5.50 | | 6.86 | 9.59 | 3.20 | | | | |
| 2-Oct | 5.99 | | | | 9.46 | 3.20 | | 3.56 | 1.44 | 0.85 |
| 3-Oct | 5.99 | | | | 9.51 | 3.20 | | | | |
| 4-Oct | 5.99 | | | | 9.75 | 3.20 | | | | |
| 5-Oct | 5.99 | | | | 9.66 | 3.20 | | | | |
| 6-Oct | 5.99 | | | | 9.81 | 3.20 | | | | |
| 7-Oct | 5.98 | | | | 9.85 | 3.20 | | | | |
| 8-Oct | 5.98 | | | | 9.85 | 3.21 | | | | |
| 9-Oct | 5.98 | | | | 9.84 | 3.21 | | | | |
| 10-Oct | 5.98 | | | | 9.84 | 3.21 | | | | |
| 11-Oct | 5.98 | | | | 9.89 | 3.21 | | | | |
| 12-Oct | 6.02 | | | | 10.08 | 3.21 | | | | |
| 13-Oct | 6.06 | | | | 10.04 | 3.21 | | | | |
| 14-Oct | 6.05 | | | | 9.56 | 3.21 | | | | |
| 15-Oct | 6.03 | | | | 9.51 | 3.21 | | | | |
| 16-Oct | 6.03 | | | | 9.51 | 3.21 | | | | |
| 17-Oct | 6.03 | | | | 9.50 | 3.21 | | | | |
| 18-Oct | 6.03 | | | | 9.51 | 3.21 | | | | |
| 19-Oct | 5.99 | | | | 9.51 | 3.21 | | | | |
| 20-Oct | 5.99 | | | | 9.51 | 3.21 | | | | |
| 21-Oct | 5.98 | | | | 9.51 | 3.22 | | | | |
| 22-Oct | 5.99 | | | | 9.51 | 3.22 | | | | |
| 23-Oct | 6.00 | | | | 9.36 | 3.22 | | | | |
| 24-Oct | 5.99 | | | | 9.52 | 3.22 | | | | |
| 25-Oct | 5.99 | | | | 9.80 | 3.22 | | | | |
| 26-Oct | 6.00 | | | | 9.51 | 3.22 | | | | |
| 27-Oct | 6.00 | 5.45 | | 6.90 | 9.40 | 3.22 | | 3.78 | 1.38 | 0.80 |
| 28-Oct | | | | | | | | | | |
| 29-Oct | | | | | | | | | | |
| 30-Oct | | | | | | | | | | |
| 31-Oct | | | | | | | | | | |
| Max. | 6.06 | | | | 10.08 | 3.22 | | | | |
| Min. | 5.97 | | | | 9.36 | 3.20 | | | | |
| Average | 6.00 | | | | 9.64 | 3.21 | | | | |

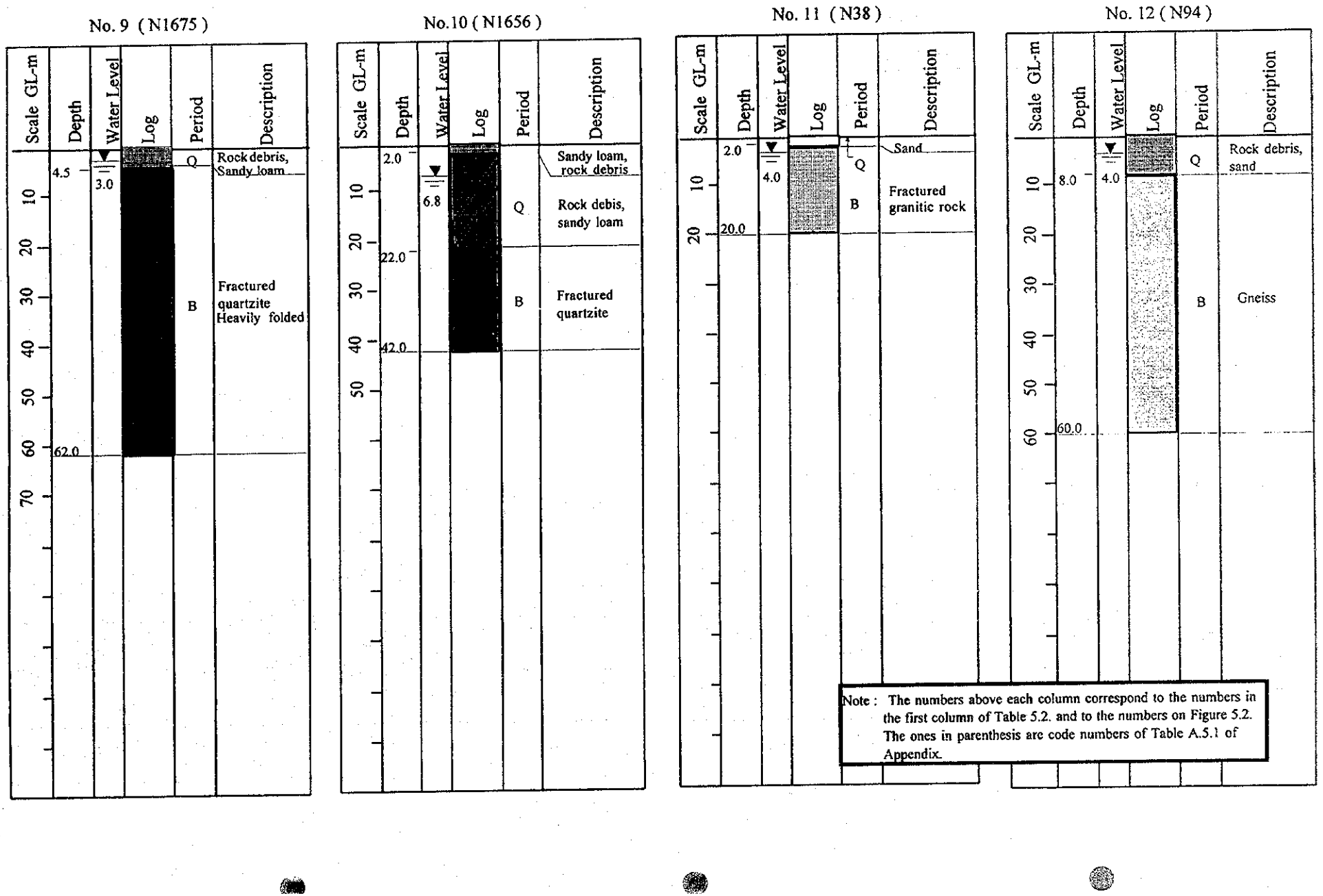
# Annex VI - 1 Log of boreholes



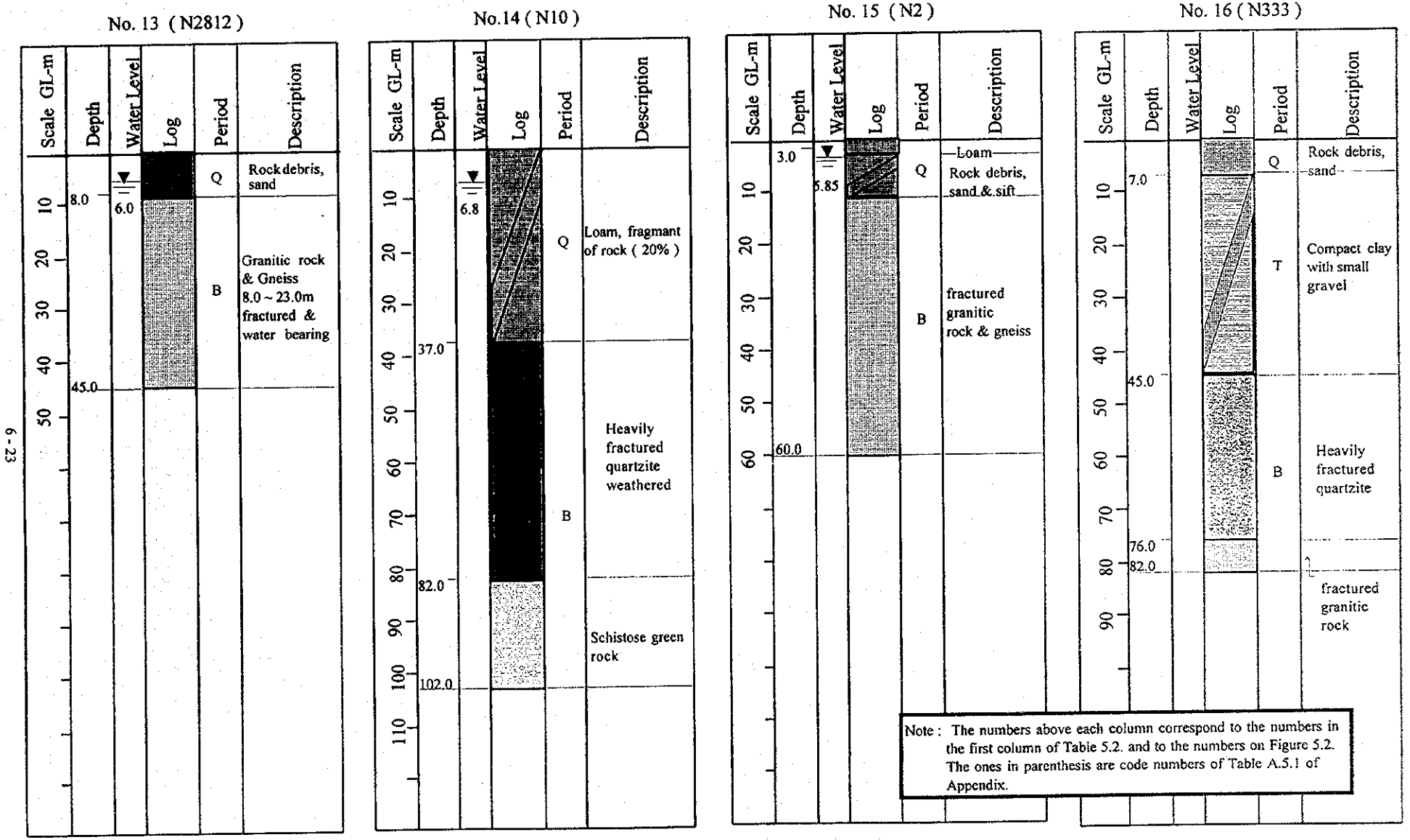
# Annex VI - 1 Log of boreholes



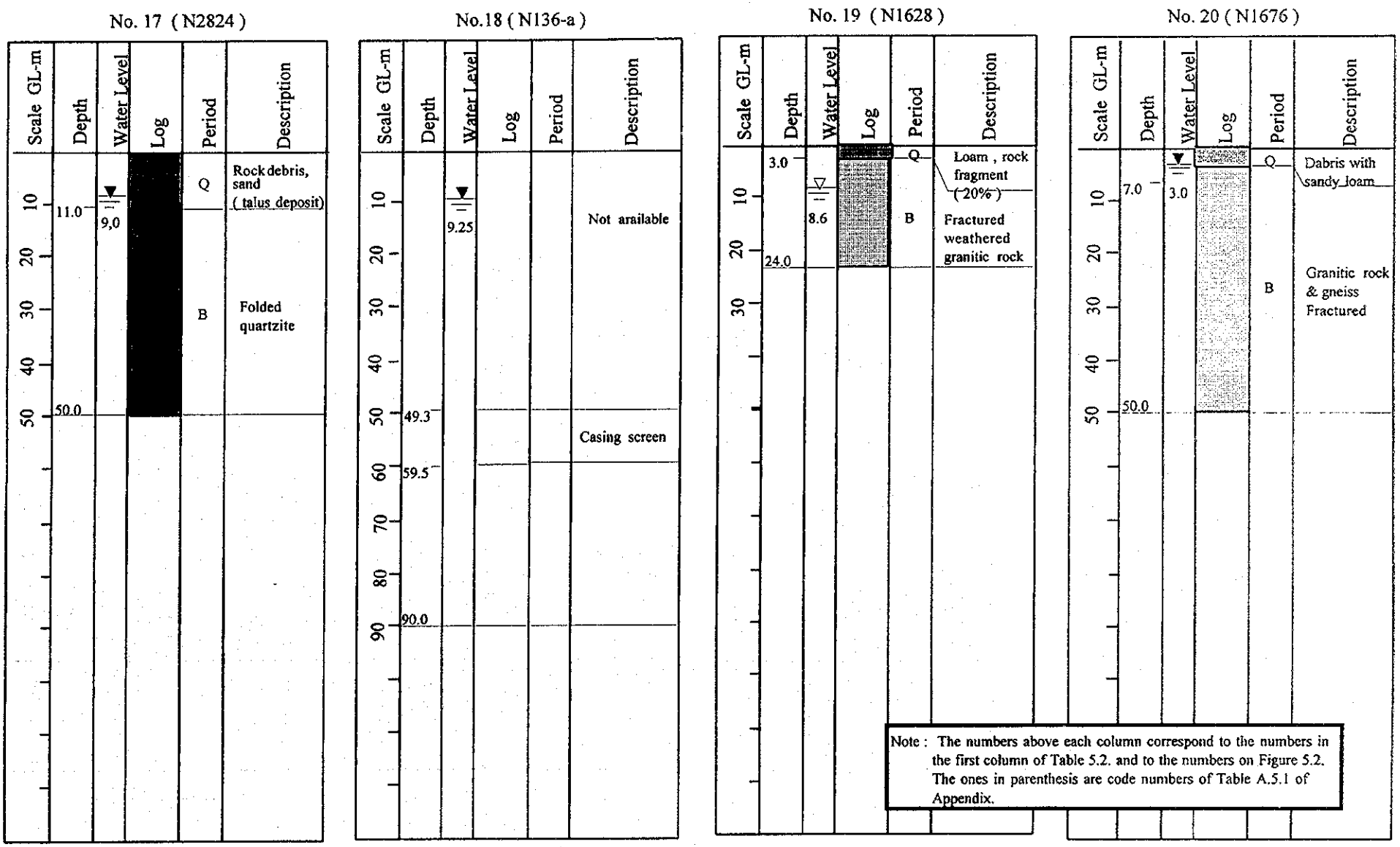
# Annex VI - 1 Log of boreholes



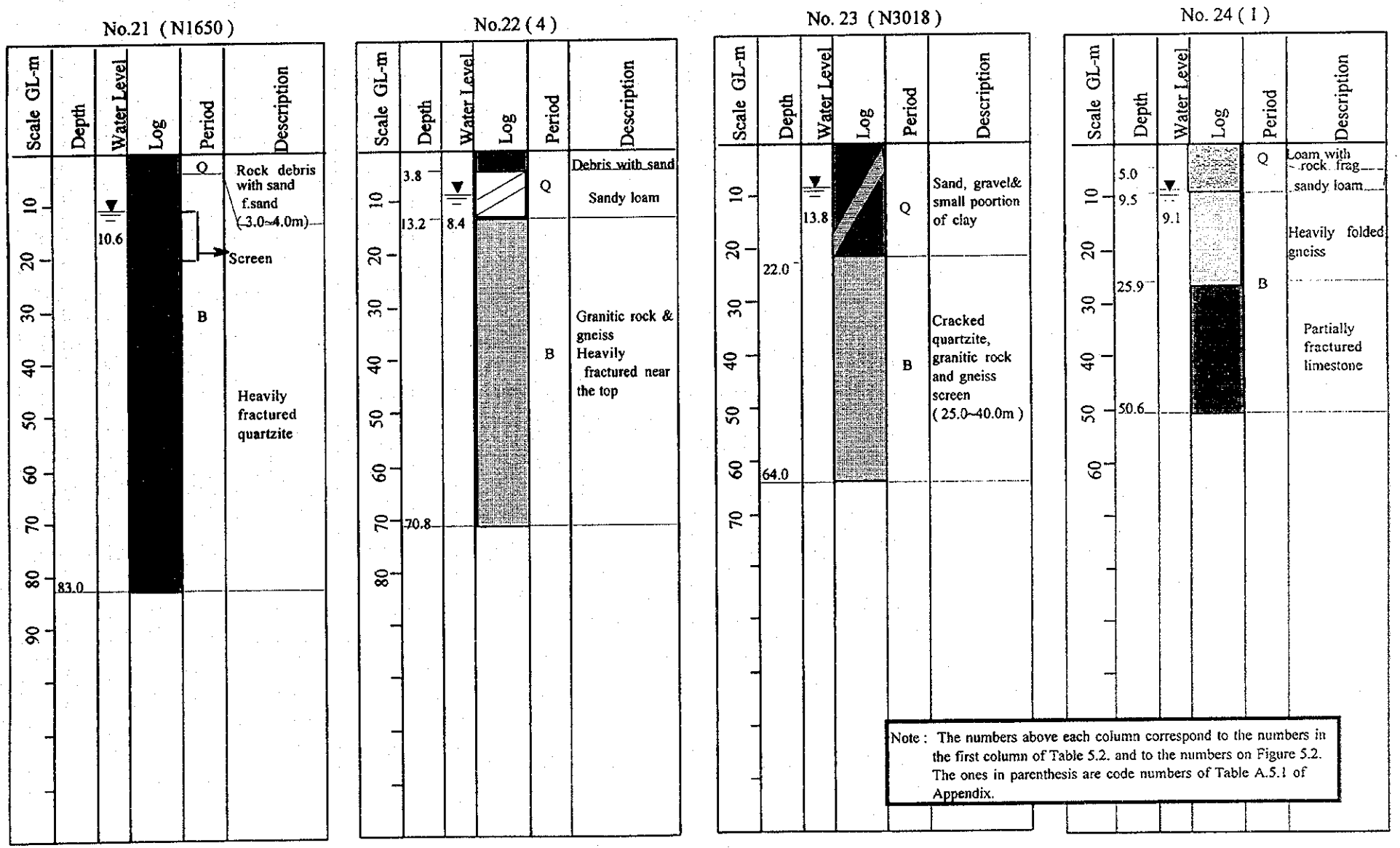
# Annex VI - 1 Log of boreholes



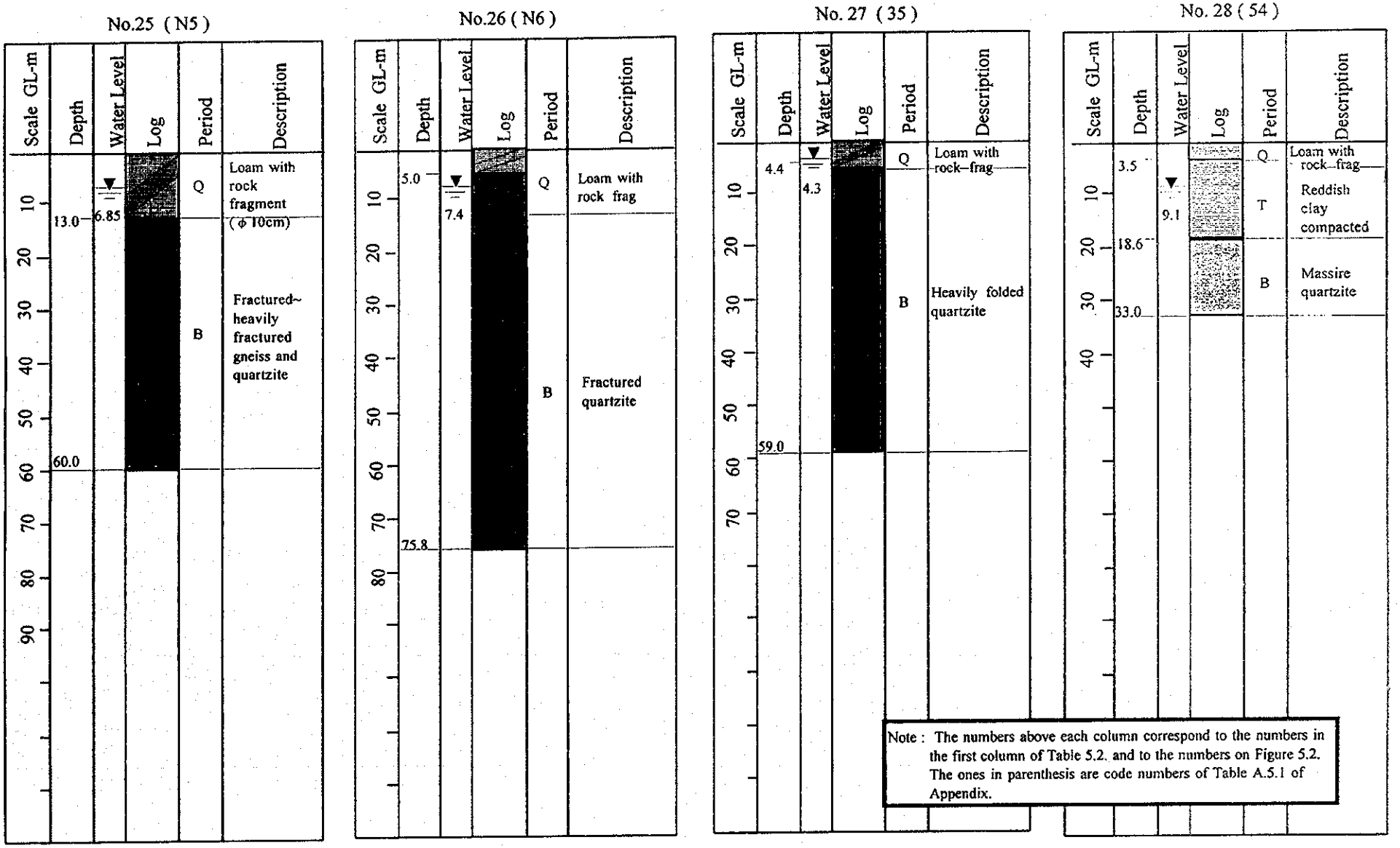
# Annex VI - 1 Log of boreholes



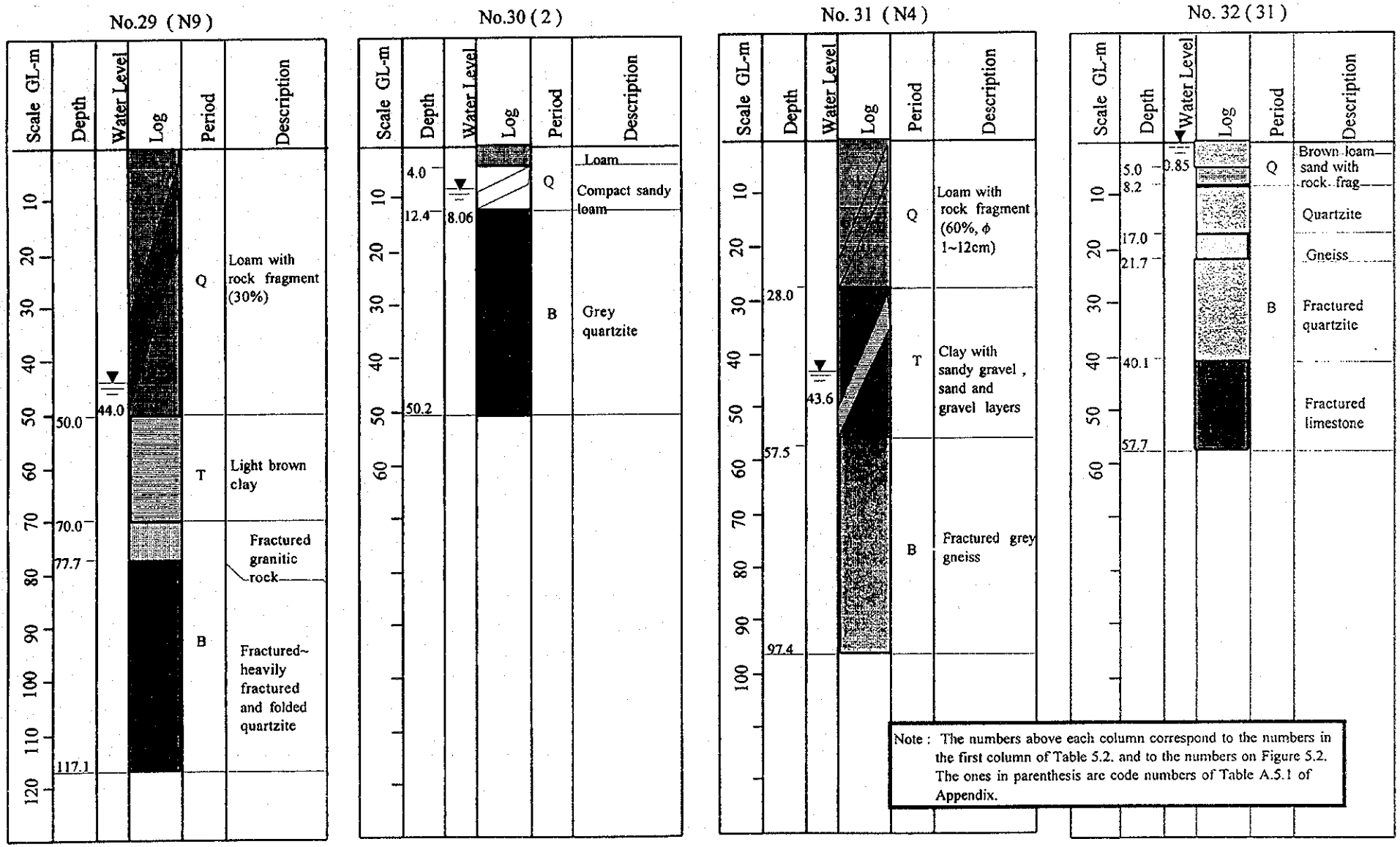
# Annex VI - 1 Log of boreholes



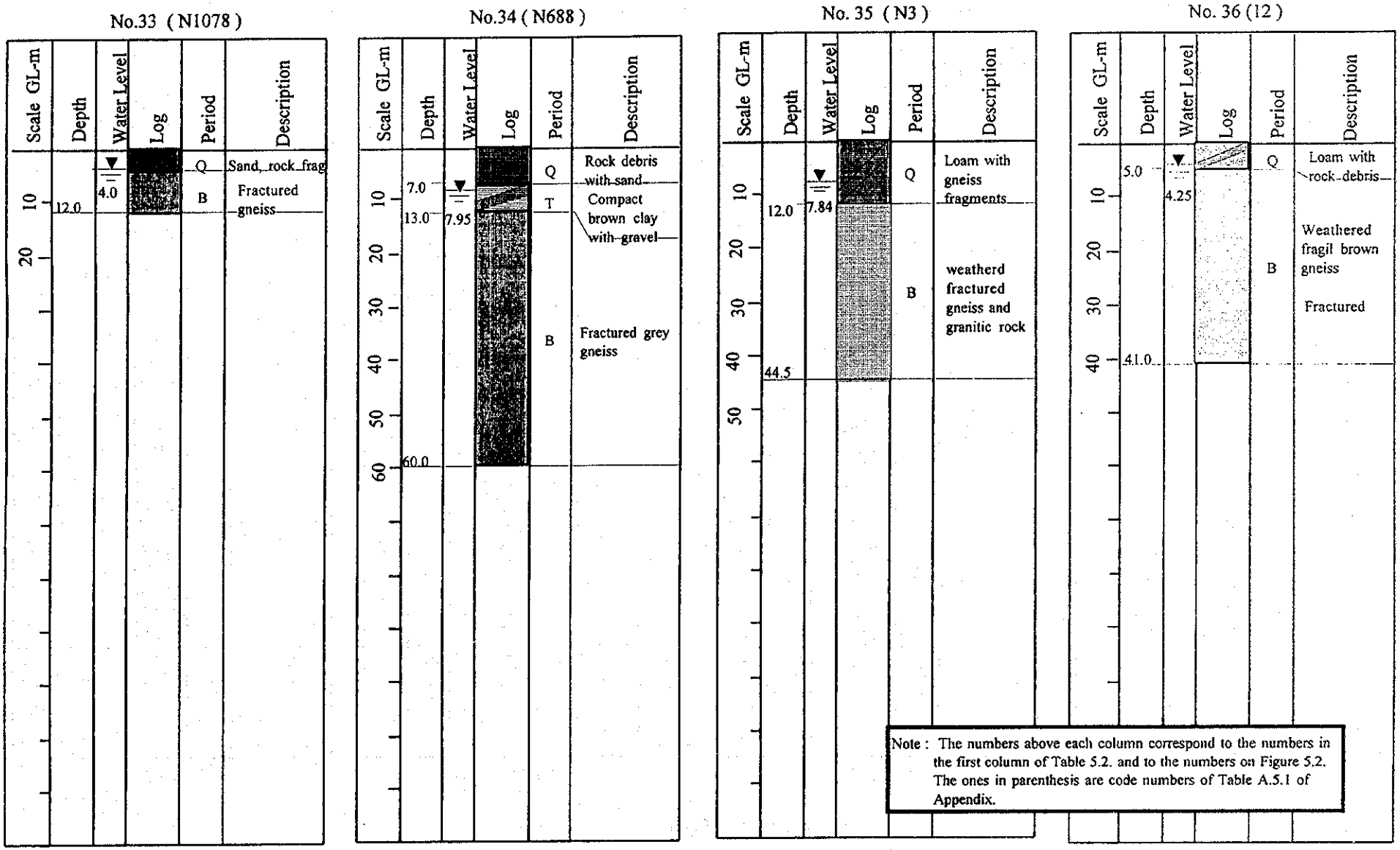
# Annex VI - 1 Log of boreholes



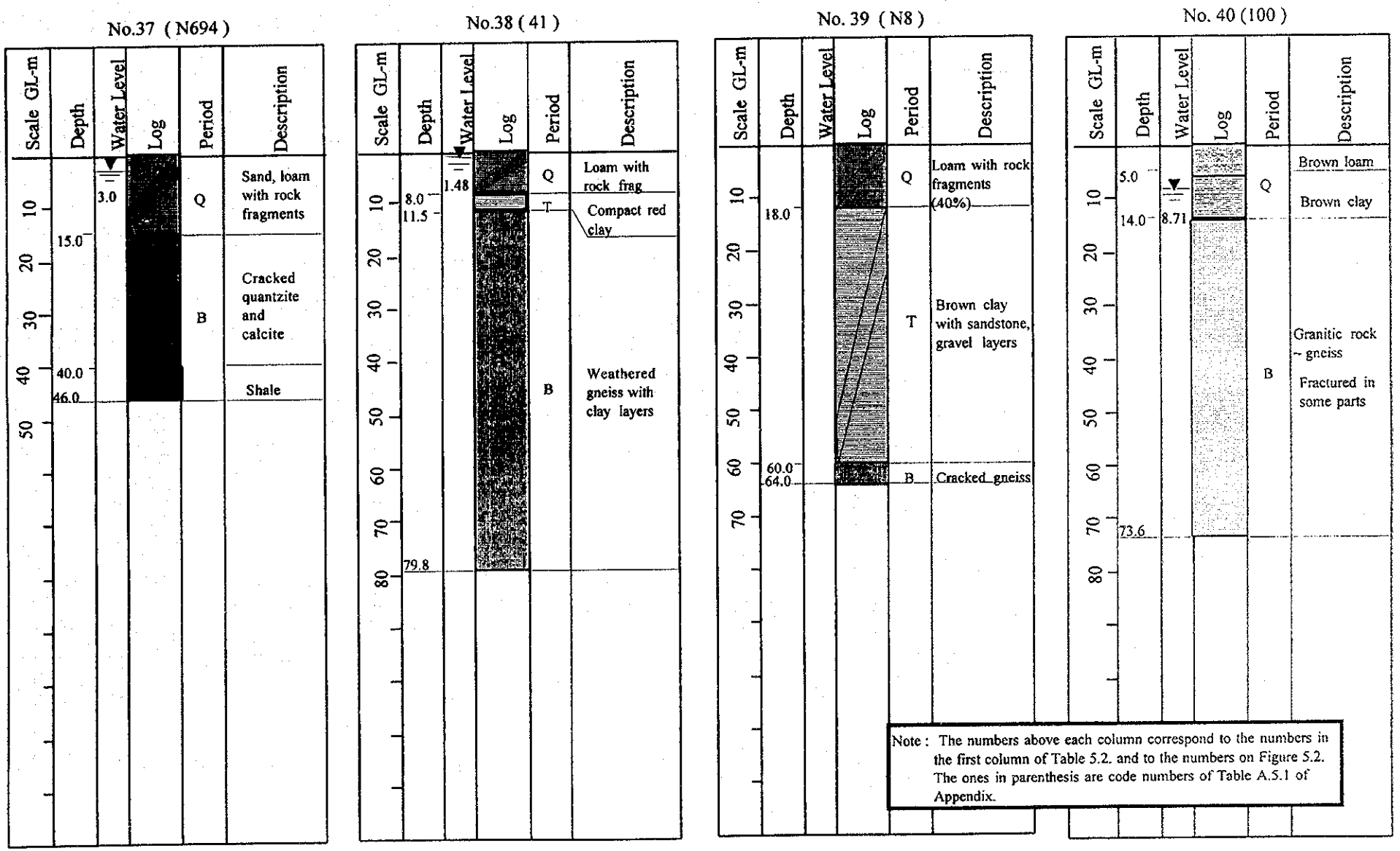
# Annex VI - 1 Log of boreholes



# Annex VI - 1 Log of boreholes

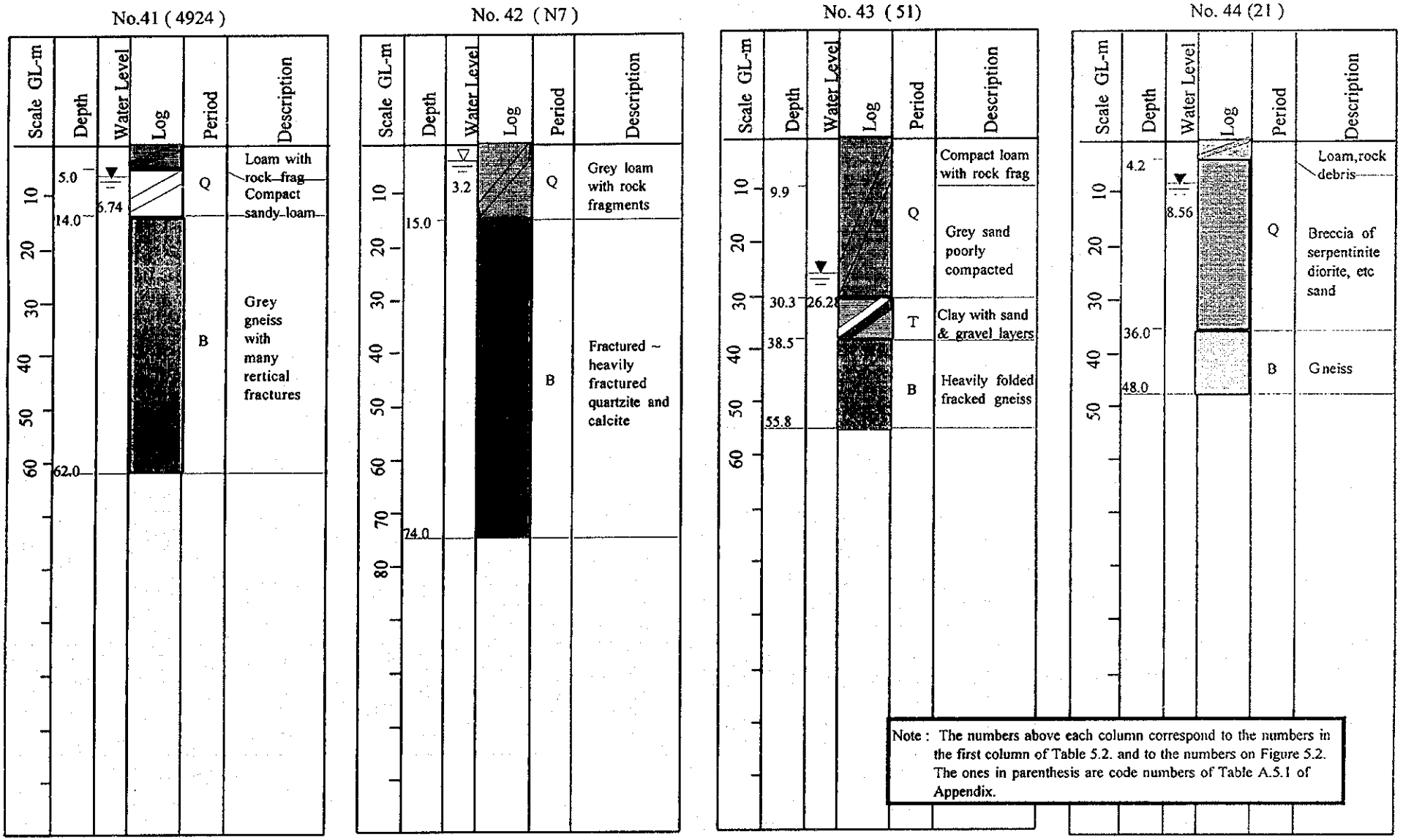


# Annex VI - 1 Log of boreholes

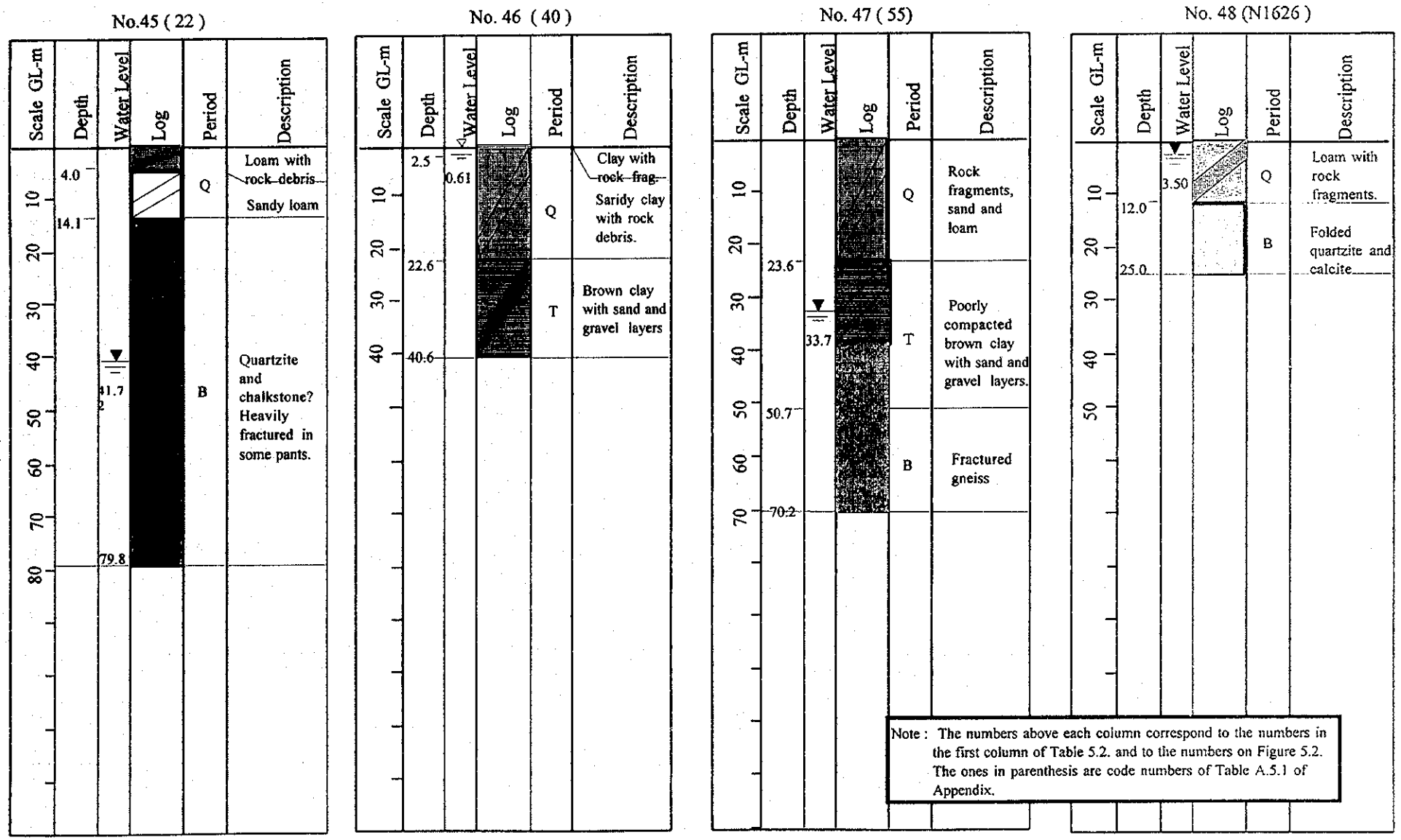



Note : The numbers above each column correspond to the numbers in the first column of Table 5.2. and to the numbers on Figure 5.2. The ones in parenthesis are code numbers of Table A.5.1 of Appendix.

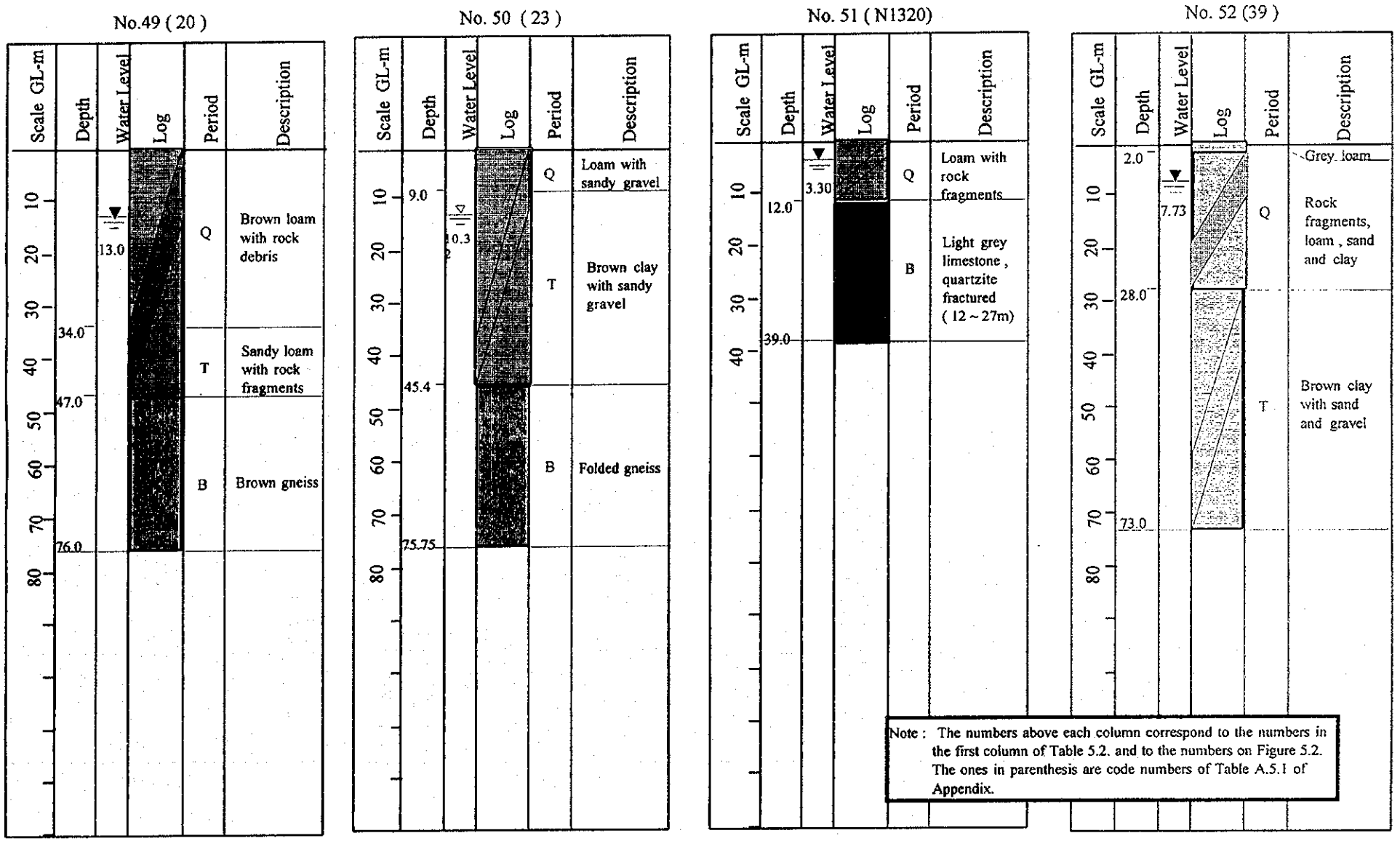
# Annex VI - 1 Log of boreholes



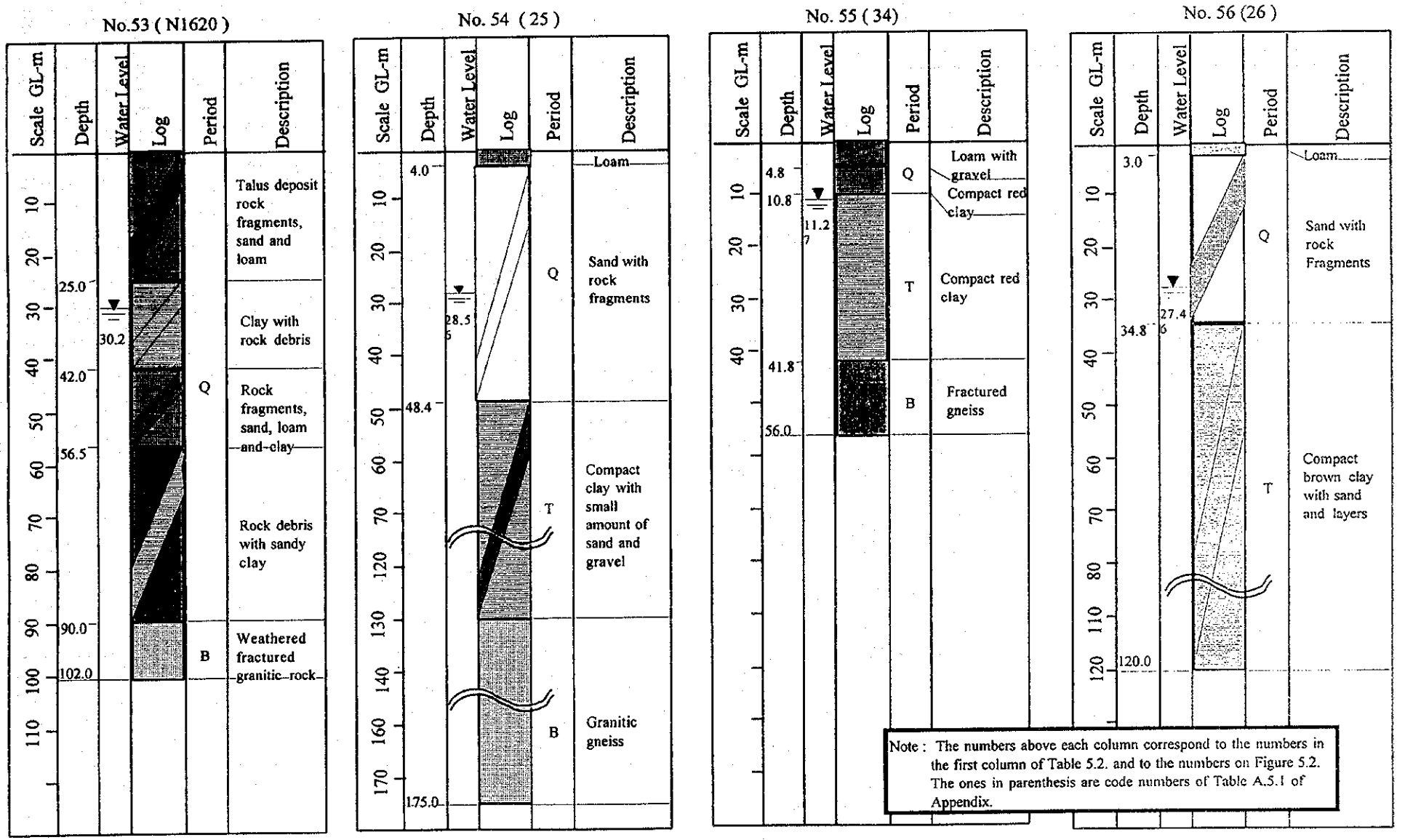
# Annex VI - 1 Log of boreholes



# Annex VI - 1 Log of boreholes



# Annex VI - 1 Log of boreholes



# Annex VI - 1 Log of boreholes