# APPENDIX 3D
# GROUNDWATER
# MONITORING DATA

## Summary of Groundwater Results 2024

| Site | Water Level (mbgl) | | | pH | | | EC (uS/cm) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | Max | Ave | Min | Max | Ave | Min | Max | Ave |
| GWa1 | | | | | | | | | |
| GWa2 | 3.0 | 3.5 | 3.3 | 6.4 | 6.6 | 6.5 | 862.0 | 981.0 | 930.4 |
| GWa3 | 4.1 | 4.1 | 4.1 | 6.8 | 6.8 | 6.8 | 1730.0 | 1730.0 | 1730.0 |
| GWa4 | 2.5 | 2.9 | 2.7 | 6.9 | 7.0 | 6.9 | 1340.0 | 1750.0 | 1555.8 |
| GWa5 | 1.9 | 2.4 | 2.1 | 7.2 | 7.5 | 7.4 | 8140.0 | 12400.0 | 9705.0 |
| GWa6 | 0.8 | 1.2 | 0.9 | 7.2 | 7.4 | 7.3 | 3770.0 | 5940.0 | 4910.0 |
| GWa7 | | | | | | | | | |
| GWa8 | 1.3 | 1.7 | 1.4 | 7.1 | 7.2 | 7.1 | 1640.0 | 1850.0 | 1745.8 |
| GWa10 | 3.2 | 3.6 | 3.4 | 7.0 | 7.1 | 7.1 | 2790.0 | 2960.0 | 2905.8 |
| GWa11 | 3.5 | 3.6 | 3.5 | 7.5 | 7.7 | 7.6 | 931.0 | 1330.0 | 1118.3 |
| GWa12 | | | | | | | | | |
| GWa14 | | | | | | | | | |
| GWa15 | | | | | | | | | |
| GWa16 | 2.3 | 3.0 | 2.7 | 7.1 | 7.1 | 7.1 | 18600.0 | 20700.0 | 19633.3 |
| GWa32 | 1.7 | 2.7 | 2.0 | 7.2 | 7.3 | 7.2 | 3350.0 | 4010.0 | 3730.0 |
| GWa34 | 3.6 | 3.9 | 3.7 | 6.5 | 6.8 | 6.7 | 2890.0 | 3022.5 | 3022.5 |
| GWa36 | | | | | | | | | |
| GWc1 | 9.0 | 9.7 | 9.3 | 7.0 | 7.1 | 7.0 | 1860.0 | 3360.0 | 2869.2 |
| GWc2 | 2.2 | 4.0 | 3.0 | 7.2 | 7.6 | 7.4 | 1220.0 | 1280.0 | 1239.2 |
| GWc3 | 1.5 | 2.5 | 2.1 | 7.0 | 7.2 | 7.1 | 3220.0 | 4120.0 | 3732.5 |
| GWc4 | 13.5 | 13.6 | 13.5 | 6.6 | 6.7 | 6.6 | 2330.0 | 2450.0 | 2417.5 |
| GWc5 | 5.2 | 5.3 | 5.3 | 6.5 | 6.6 | 6.6 | 5310.0 | 5580.0 | 5445.8 |
| GWc10 | 1.8 | 3.5 | 2.8 | 6.9 | 7.7 | 7.1 | 3760.0 | 3890.0 | 3820.8 |
| GWc11 | 5.4 | 8.0 | 6.8 | 6.4 | 6.8 | 6.5 | 2080.0 | 2760.0 | 2366.7 |
| GWc12 | 6.3 | 8.0 | 7.1 | 7.4 | 7.5 | 7.4 | 2550.0 | 2880.0 | 2698.3 |
| GWc14 | 3.0 | 3.7 | 3.3 | 7.3 | 7.6 | 7.5 | 3390.0 | 3620.0 | 3537.5 |
| GWc15 | 4.3 | 5.3 | 4.8 | 7.0 | 7.4 | 7.1 | 3640.0 | 4010.0 | 3757.5 |
| GWc16 | 29.9 | 31.2 | 30.6 | 7.1 | 7.2 | 7.2 | 2090.0 | 2530.0 | 2364.2 |
| GWc17 | | | | | | | | | |
| GWc18 | | | | | | | | | |
| GWc19 | | | | | | | | | |
| GWc24 | | | | | | | | | |
| GWc25 | 25.4 | 27.1 | 26.2 | 6.5 | 6.9 | 6.6 | 1330.0 | 1410.0 | 1366.4 |
| GWc26 | 51.0 | 53.5 | 52.6 | 7.2 | 7.3 | 7.3 | 1470.0 | 1510.0 | 1495.0 |
| GWc27 | 15.2 | 16.7 | 15.7 | 3.5 | 4.2 | 4.0 | 15.2 | 16.7 | 15.7 |
| GWc28 | | | | | | | | | |
| GWc29 | | | | | | | | | |
| GWc30 | 29.4 | 31.8 | 29.9 | 6.6 | 6.8 | 6.7 | 2800.0 | 3140.0 | 2973.3 |
| GWc31 | | | | | | | | | |
| GWc32 | 3.7 | 4.5 | 3.8 | 6.5 | 6.8 | 6.6 | 3410.0 | 3520.0 | 3465.8 |
| GWc33 | | | | | | | | | |
| GWc34 | 19.5 | 19.9 | 19.7 | 7.0 | 7.0 | 7.0 | 3990.0 | 3990.0 | 3990.0 |
| GWc35 | | | | | | | | | |
| GWc36 | 7.9 | 9.6 | 8.6 | 6.4 | 6.6 | 6.5 | 3680.0 | 3980.0 | 3864.2 |
| GWc37 | 24.9 | 25.1 | 25.0 | 6.2 | 6.3 | 6.2 | 2400.0 | 2480.0 | 2440.0 |
| GWf1 | | | | | | | | | |
| GWf2 | | | | | | | | | |
| GWf3 | 18.1 | 19.3 | 18.6 | 6.6 | 6.8 | 6.7 | 3200.0 | 4490.0 | 3970.0 |
| GWf4 | | | | | | | | | |
| GWf5 | | | | | | | | | |
| GWf6 | | | | | | | | | |
| GWf7 | | | | | | | | | |

### Summary of Groundwater Results 2023

| Site | Water Level (mbgl) | | | pH | | | EC (uS/cm) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | Max | Ave | Min | Max | Ave | Min | Max | Ave |
| GWa1 | | | | | | | | | |
| GWa2 | 2.05 | 2.50 | 2.29 | 6.50 | 6.70 | 6.54 | 901 | 1090 | 983 |
| GWa3 | 3.48 | 3.90 | 3.74 | 6.70 | 6.90 | 6.80 | 1790 | 2140 | 1964 |
| GWa4 | 2.24 | 2.89 | 2.56 | 6.70 | 7.00 | 6.85 | 1560 | 2110 | 1823 |
| GWa5 | 1.28 | 1.99 | 1.63 | 7.10 | 7.40 | 7.28 | 7880 | 12200 | 9571 |
| GWa6 | 0.43 | 0.98 | 0.63 | 7.20 | 7.40 | 7.36 | 3680 | 4390 | 4121 |
| GWa7 | 3.88 | 3.98 | 3.93 | | | | | | |
| GWa8 | 1.35 | 1.66 | 1.46 | 6.70 | 7.20 | 7.01 | 1920 | 2510 | 2177 |
| GWa10 | 2.92 | 3.27 | 3.18 | 6.80 | 7.10 | 7.03 | 2870 | 3250 | 3005 |
| GWa11 | 3.35 | 3.67 | 3.56 | 7.30 | 7.60 | 7.45 | 1110.00 | 1700.00 | 1383.64 |
| GWa12 | 2.73 | 3.30 | 3.02 | 7.40 | 7.60 | 7.50 | 1410.00 | 1460.00 | 1435.00 |
| GWa14 | | | | | | | | | |
| GWa15 | 2.55 | 2.80 | 2.68 | 7.40 | 7.50 | 7.47 | 1540.00 | 1660.00 | 1583.33 |
| GWa16 | 1.93 | 2.73 | 2.35 | 6.80 | 7.10 | 6.96 | 20000.00 | 21900.00 | 20708.33 |
| GWa32 | 1.64 | 2.54 | 1.90 | 7.10 | 7.30 | 7.15 | 3340.00 | 3990.00 | 3745.83 |
| GWa34 | 2.98 | 4.75 | 3.72 | 5.90 | 7.40 | 6.80 | 2550.00 | 3544.00 | 3544.00 |
| GWa36 | 4.30 | 4.75 | 4.50 | 7.30 | 7.40 | 7.33 | 4500.00 | 5100.00 | 4793.33 |
| GWc1 | 8.72 | 9.29 | 9.15 | 6.90 | 7.40 | 7.09 | 1740.00 | 2080.00 | 1920.00 |
| GWc2 | 1.13 | 3.95 | 2.23 | 7.10 | 7.70 | 7.33 | 1210.00 | 1290.00 | 1232.50 |
| GWc3 | 1.57 | 1.98 | 1.79 | 6.80 | 7.10 | 7.01 | 3660.00 | 4230.00 | 3975.00 |
| GWc4 | 12.62 | 13.45 | 12.98 | 6.40 | 6.60 | 6.53 | 2340.00 | 2500.00 | 2409.09 |
| GWc5 | 3.67 | 5.84 | 4.89 | 6.40 | 6.50 | 6.46 | 5110.00 | 5450.00 | 5279.17 |
| GWc10 | 1.77 | 3.39 | 2.83 | 6.70 | 7.20 | 6.91 | 3640.00 | 3870.00 | 3729.17 |
| GWc11 | 5.41 | 7.72 | 6.27 | 6.20 | 6.60 | 6.39 | 1400.00 | 1910.00 | 1687.50 |
| GWc12 | 4.93 | 7.92 | 6.14 | 7.40 | 7.60 | 7.47 | 2300.00 | 2600.00 | 2456.67 |
| GWc14 | 1.27 | 3.42 | 2.12 | 7.30 | 7.70 | 7.47 | 2710.00 | 3450.00 | 3080.00 |
| GWc15 | 3.11 | 4.80 | 3.83 | 6.90 | 7.40 | 7.13 | 1880.00 | 4190.00 | 3028.33 |
| GWc16 | 28.10 | 31.41 | 30.65 | 7.00 | 7.20 | 7.14 | 2300.00 | 2650.00 | 2456.36 |
| GWc17 | | | | | | | | | |
| GWc18 | | | | | | | | | |
| GWc19 | | | | | | | | | |
| GWc24 | | | | | | | | | |
| GWc25 | 8.27 | 24.91 | 21.07 | 6.40 | 6.90 | 6.63 | 439.00 | 1360.00 | 1006.80 |
| GWc26 | 52.24 | 52.76 | 52.53 | 7.20 | 11.60 | 8.12 | 1110.00 | 1500.00 | 1404.00 |
| GWc27 | 14.76 | 15.09 | 14.95 | 3.80 | 4.20 | 3.98 | 14.76 | 15.09 | 14.95 |
| GWc28 | | | | | | | | | |
| GWc29 | | | | | | | | | |
| GWc30 | 29.73 | 31.85 | 31.07 | 6.50 | 6.90 | 6.67 | 2900.00 | 3390.00 | 3196.67 |
| GWc31 | 44.91 | 45.96 | 45.41 | 6.40 | 6.60 | 6.53 | 4910.00 | 5030.00 | 4960.00 |
| GWc32 | 1.51 | 4.31 | 2.91 | 6.40 | 6.80 | 6.57 | 3360.00 | 3550.00 | 3472.50 |
| GWc33 | 49.94 | 52.35 | 51.38 | 12.10 | 12.30 | 12.23 | 3890.00 | 4050.00 | 3972.50 |
| GWc34 | | | | | | | | | |
| GWc35 | | | | | | | | | |
| GWc36 | 6.83 | 9.46 | 7.97 | 6.30 | 6.60 | 6.50 | 3620.00 | 3830.00 | 3741.82 |
| GWc37 | 25.01 | 25.20 | 25.12 | 6.20 | 6.40 | 6.25 | 2400.00 | 2540.00 | 2447.27 |
| GWf1 | 16.17 | 16.17 | 16.17 | | | | | | |
| GWf2 | | | | | | | | | |
| GWf3 | 17.99 | 19.33 | 18.82 | 6.50 | 6.80 | 6.66 | 3740.00 | 4470.00 | 4259.09 |
| GWf4 | | | | | | | | | |
| GWf5 | 19.44 | 19.88 | 19.88 | 6.70 | 6.70 | 6.70 | 4010.00 | 4010.00 | 4010.00 |
| GWf6 | | | | | | | | | |
| GWf7 | | | | | | | | | |

## Summary of Groundwater Results 2022

| Site | Water Level (mbgl) | | | pH | | | EC (uS/cm) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | Max | Ave | Min | Max | Ave | Min | Max | Ave |
| GWa1 | - | - | - | - | - | - | - | - | - |
| GWa2 | 0.82 | 1.19 | 1.04 | 6.60 | 7.00 | 6.76 | 447 | 884 | 587 |
| GWa3 | 2.22 | 3.91 | 3.18 | 6.70 | 7.40 | 6.97 | 567 | 1740 | 1175 |
| GWa4 | - | - | - | 7.20 | 7.20 | 7.20 | - | - | - |
| GWa5 | 0.76 | 2.49 | 1.71 | 7.20 | 7.60 | 7.35 | 1300 | 16000 | 9248 |
| GWa6 | 0.44 | 1.28 | 0.80 | 7.20 | 7.50 | 7.37 | 2120 | 4520 | 3131 |
| GWa7 | 3.01 | 3.90 | 3.43 | 7.20 | 7.50 | 7.30 | 12700 | 14300 | 13500 |
| GWa8 | 0.78 | 1.45 | 1.15 | 6.90 | 7.10 | 7.02 | 876 | 2540 | 2308 |
| GWa10 | 2.64 | 3.10 | 2.95 | 6.80 | 7.10 | 6.95 | 2180 | 4070 | 3440 |
| GWa11 | 2.96 | 3.54 | 3.37 | 7.30 | 7.70 | 7.51 | 1030.00 | 1610.00 | 1328.18 |
| GWa12 | 2.00 | 3.51 | 2.91 | 7.50 | 7.90 | 7.66 | 540.00 | 1360.00 | 941.43 |
| GWa14 | 1.44 | 4.42 | 2.93 | 7.30 | 7.30 | 0.00 | 911.00 | 911.00 | 911.00 |
| GWa15 | 1.97 | 2.66 | 2.43 | 7.10 | 7.70 | 7.47 | 579.00 | 1310.00 | 1087.14 |
| GWa16 | 0.89 | 2.05 | 1.48 | 7.00 | 7.40 | 7.18 | 2090.00 | 22600.00 | 18298.33 |
| GWa32 | 1.18 | 1.83 | 1.54 | 7.10 | 7.30 | 7.20 | 2980.00 | 3940.00 | 3490.00 |
| GWa34 | 2.59 | 4.87 | 3.63 | 4.40 | 7.40 | 6.25 | 117.00 | 3197.06 | 3197.06 |
| GWa36 | 3.48 | 4.87 | 4.02 | 7.10 | 7.40 | 7.32 | 4600.00 | 6460.00 | 5448.33 |
| GWc1 | 8.77 | 10.21 | 9.70 | 6.90 | 7.10 | 7.03 | 2920.00 | 3390.00 | 3176.00 |
| GWc2 | 1.75 | 8.93 | 5.08 | 7.00 | 7.50 | 7.17 | 1150.00 | 1320.00 | 1247.27 |
| GWc3 | 2.57 | 5.88 | 4.41 | 7.40 | 7.60 | 7.46 | 2630.00 | 4640.00 | 3852.00 |
| GWc4 | 12.73 | 14.76 | 13.89 | 6.40 | 6.80 | 6.61 | 2140.00 | 2530.00 | 2400.83 |
| GWc5 | 3.54 | 5.90 | 4.83 | 6.30 | 6.60 | 6.53 | 5250.00 | 5620.00 | 5460.83 |
| GWc10 | 1.30 | 4.92 | 3.45 | 6.70 | 7.20 | 6.88 | 3430.00 | 3920.00 | 3660.00 |
| GWc11 | 5.57 | 9.68 | 7.65 | 6.30 | 6.70 | 6.44 | 1490.00 | 3150.00 | 2038.33 |
| GWc12 | 7.52 | 12.38 | 10.09 | 7.40 | 7.60 | 7.49 | 2150.00 | 2420.00 | 2251.43 |
| GWc14 | 4.10 | 9.16 | 6.87 | 7.40 | 7.60 | 7.48 | 2550.00 | 2870.00 | 2626.25 |
| GWc15 | 6.04 | 10.09 | 8.48 | 7.00 | 7.30 | 7.20 | 1440.00 | 1580.00 | 1494.29 |
| GWc16 | 25.10 | 31.18 | 28.56 | 7.10 | 7.30 | 7.20 | 2180.00 | 2540.00 | 2349.17 |
| GWc17 | - | - | - | - | - | - | - | - | - |
| GWc18 | - | - | - | - | - | - | - | - | - |
| GWc19 | - | - | - | - | - | - | - | - | - |
| GWc24 | - | - | - | - | - | - | - | - | - |
| GWc25 | 4.66 | 7.52 | 6.09 | 6.60 | 6.80 | 6.69 | 330.00 | 602.00 | 424.45 |
| GWc26 | 47.59 | 51.27 | 49.21 | 7.10 | 9.20 | 7.63 | 716.00 | 1360.00 | 1178.00 |
| GWc27 | 15.38 | 16.60 | 15.90 | 3.40 | 4.70 | 3.64 | 15.38 | 16.60 | 15.90 |
| GWc28 | - | - | - | - | - | - | - | - | - |
| GWc29 | - | - | - | - | - | - | - | - | - |
| GWc30 | 21.61 | 30.35 | 28.73 | 6.60 | 7.60 | 6.86 | 1260.00 | 3350.00 | 2784.44 |
| GWc31 | 47.99 | 50.56 | 49.28 | 6.70 | 6.70 | 6.70 | 4960.00 | 4960.00 | 4960.00 |
| GWc32 | 1.74 | 4.03 | 3.45 | 6.40 | 7.00 | 6.61 | 3150.00 | 6250.00 | 3678.33 |
| GWc33 | 43.73 | 48.77 | 47.04 | 12.10 | 12.70 | 12.39 | 4080.00 | 4910.00 | 4628.00 |
| GWc34 | 19.42 | 20.24 | 19.75 | 6.80 | 7.10 | 6.97 | 4230.00 | 4350.00 | 4276.67 |
| GWc35 | - | - | - | - | - | - | - | - | - |
| GWc36 | 7.12 | 11.65 | 9.51 | 6.50 | 6.90 | 6.65 | 2950.00 | 3830.00 | 3487.50 |
| GWc37 | 25.10 | 25.38 | 25.24 | 6.20 | 6.40 | 6.25 | 2310.00 | 2510.00 | 2445.00 |
| GWf1 | - | - | - | - | - | - | - | - | - |
| GWf2 | 24.15 | 24.26 | 24.20 | - | - | - | - | - | - |
| GWf3 | 17.36 | 19.10 | 18.12 | 6.70 | 6.80 | 6.73 | 3700.00 | 3980.00 | 3840.00 |
| GWf4 | 12.79 | 13.01 | 12.90 | - | - | - | - | - | - |
| GWf5 | - | - | - | - | - | - | - | - | - |
| GWf6 | 9.79 | 9.79 | 9.79 | - | - | - | - | - | - |
| GWf7 | 9.96 | 9.96 | 9.96 | - | - | - | - | - | - |

**Summary of Groundwater Results 2021**

| Site | Water Level (mbgl) | | | pH | | | EC (uS/cm) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | Max | Ave | Min | Max | Ave | Min | Max | Ave |
| GWa1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa2 | 0.99 | 1.61 | 1.26 | 6.60 | 6.90 | 6.73 | 533.00 | 931.00 | 639.75 |
| GWa3 | 2.70 | 4.28 | 3.94 | 6.80 | 7.40 | 7.16 | 604.00 | 1660.00 | 1241.42 |
| GWa4 | 3.67 | 4.22 | 3.95 | 7.20 | 7.20 | 7.20 | 3300.00 | 4390.00 | 3845.00 |
| GWa5 | 2.62 | 3.68 | 3.23 | 7.40 | 7.60 | 7.48 | 13600.00 | 21200.00 | 17480.00 |
| GWa6 | 0.93 | 1.96 | 1.35 | 7.40 | 8.10 | 7.80 | 1710.00 | 5760.00 | 3251.00 |
| GWa7 | 3.96 | 4.39 | 4.08 | 7.20 | 7.50 | 7.30 | 12700.00 | 14300.00 | 13500.00 |
| GWa8 | 0.94 | 1.61 | 1.39 | 7.00 | 7.20 | 7.08 | 2500.00 | 2710.00 | 2604.17 |
| GWa10 | 1.35 | 3.80 | 2.70 | 6.80 | 8.00 | 7.40 | 380.00 | 22100.00 | 4958.21 |
| GWa11 | 3.39 | 3.77 | 3.53 | 7.40 | 7.60 | 7.48 | 1200.00 | 1430.00 | 1295.00 |
| GWa12 | 1.35 | 13.35 | 5.15 | 7.40 | 8.00 | 7.87 | 380.00 | 1350.00 | 546.83 |
| GWa14 | 2.39 | 2.39 | 2.39 | 7.20 | 7.20 | 0.00 | 1100.00 | 1100.00 | 1100.00 |
| GWa15 | 2.36 | 2.74 | 2.59 | 6.80 | 7.70 | 7.15 | 1300.00 | 1430.00 | 1350.83 |
| GWa16 | 1.35 | 2.17 | 1.72 | 7.40 | 7.50 | 7.43 | 19800.00 | 22100.00 | 20808.33 |
| GWa32 | 1.52 | 20.30 | 9.74 | 3.70 | 14.59 | 7.13 | 166.00 | 6830.00 | 3344.28 |
| GWa34 | 4.17 | 5.89 | 4.49 | 3.70 | 7.50 | 4.73 | 166.00 | 5353.54 | 5353.54 |
| GWa36 | 15.03 | 15.03 | 15.03 | 3.50 | 3.50 | 3.50 | 1800.00 | 1800.00 | 1800.00 |
| GWc1 | 9.23 | 10.35 | 10.04 | 7.00 | 7.20 | 7.08 | 3270.00 | 3660.00 | 3444.17 |
| GWc2 | 9.91 | 13.35 | 12.01 | 7.10 | 7.20 | 7.18 | 1130.00 | 1270.00 | 1201.67 |
| GWc3 | 6.90 | 7.50 | 7.13 | 5.75 | 14.59 | 10.59 | 4610.00 | 6640.00 | 5599.17 |
| GWc4 | 14.65 | 15.76 | 14.91 | 6.60 | 6.70 | 6.68 | 2310.00 | 2460.00 | 2393.64 |
| GWc5 | 5.22 | 5.71 | 5.53 | 6.50 | 6.80 | 6.68 | 5400.00 | 5690.00 | 5549.17 |
| GWc10 | 2.02 | 4.21 | 3.44 | 6.80 | 7.10 | 6.91 | 3490.00 | 3790.00 | 3607.50 |
| GWc11 | 10.49 | 12.92 | 11.98 | 6.50 | 6.60 | 6.56 | 3310.00 | 3490.00 | 3390.83 |
| GWc12 | 14.10 | 20.30 | 17.70 | 7.40 | 7.60 | 7.54 | 1750.00 | 2100.00 | 1920.00 |
| GWc14 | 10.54 | 18.45 | 14.41 | 7.20 | 7.60 | 7.40 | 1970.00 | 2570.00 | 2245.00 |
| GWc15 | 3.86 | 49.01 | 23.34 | 3.50 | 12.50 | 7.28 | 183.00 | 4850.00 | 2605.86 |
| GWc16 | 28.72 | 31.43 | 30.64 | 7.20 | 7.30 | 7.25 | 2010.00 | 2200.00 | 2110.00 |
| GWc17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc25 | 8.28 | 28.75 | 23.53 | 3.50 | 12.50 | 7.31 | 183.00 | 4850.00 | 2813.89 |
| GWc26 | 3.86 | 49.01 | 34.87 | 3.50 | 12.50 | 7.39 | 183.00 | 4850.00 | 3012.36 |
| GWc27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc30 | 30.24 | 31.50 | 30.77 | 6.80 | 6.90 | 6.83 | 3050.00 | 3300.00 | 3163.33 |
| GWc31 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc32 | 3.86 | 4.12 | 4.01 | 6.50 | 6.80 | 6.72 | 183.00 | 3560.00 | 2922.67 |
| GWc33 | 42.65 | 46.74 | 36.57 | 7.20 | 12.50 | 10.60 | 2250.00 | 4850.00 | 3925.00 |
| GWc34 | 20.29 | 20.46 | 20.39 | 7.20 | 7.40 | 7.25 | 4350.00 | 4490.00 | 4436.67 |
| GWc35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc36 | 12.95 | 14.71 | 13.68 | 6.50 | 6.70 | 6.61 | 2830.00 | 3630.00 | 3079.17 |
| GWc37 | 25.10 | 25.11 | 25.11 | 6.30 | 6.40 | 6.37 | 2460.00 | 2500.00 | 2473.33 |

## Summary of Groundwater Results 2020

| Site | Water Level (mbgl) | | | pH | | | EC (uS/cm) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | Max | Ave | Min | Max | Ave | Min | Max | Ave |
| GWa1 | 4.97 | 5.02 | 5.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| GWa2 | 1.33 | 5.42 | 2.32 | 6.80 | 6.90 | 6.82 | 916.00 | 1620.00 | 1371.60 |
| GWa3 | 4.17 | 5.60 | 4.99 | 7.30 | 7.30 | 7.30 | 821.00 | 1160.00 | |
| GWa4 | 4.91 | 5.17 | 5.04 | 7.20 | 7.30 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa5 | 3.28 | 3.80 | 3.64 | 7.20 | 7.40 | 7.28 | 14600.00 | 17800.00 | 16450.00 |
| GWa6 | 1.29 | 2.90 | 1.88 | 7.70 | 7.90 | 7.83 | 3060.00 | 10800.00 | 6436.00 |
| GWa7 | 4.29 | 5.19 | 4.77 | 7.20 | 7.30 | 7.25 | 13500.00 | 13800.00 | 13650.00 |
| GWa8 | 1.41 | 2.61 | 1.75 | 7.00 | 7.10 | 7.01 | 2450.00 | 2760.00 | 2632.73 |
| GWa10 | 3.00 | 5.33 | 3.72 | 6.30 | 7.30 | 7.02 | 586.00 | 3430.00 | 1545.91 |
| GWa11 | 3.47 | 4.74 | 3.78 | 7.40 | 7.60 | 7.51 | 1300.00 | 1520.00 | 1408.57 |
| GWa12 | 3.05 | 5.80 | 3.80 | 7.60 | 8.10 | 7.83 | 394.00 | 1990.00 | 783.14 |
| GWa14 | 1.72 | 4.96 | 2.61 | 7.60 | 7.70 | 0.00 | 907.00 | 1040.00 | 984.25 |
| GWa15 | 2.50 | 4.02 | 2.77 | 7.00 | 7.00 | 7.00 | 1290.00 | 1780.00 | 1532.50 |
| GWa16 | 1.40 | 4.05 | 2.41 | 0.00 | 0.00 | | 15800.00 | 19400.00 | 17500.00 |
| GWa32 | 1.72 | 2.72 | 1.95 | 7.10 | 7.40 | 7.29 | 3090.00 | 4780.00 | 3775.83 |
| GWa34 | 3.89 | 4.80 | 4.41 | 3.80 | 5.70 | 4.63 | 748.00 | 4783.80 | 4783.80 |
| GWa36 | 5.94 | 5.97 | 5.96 | 0.00 | 0.00 | | 0.00 | 0.00 | #DIV/0! |
| GWc1 | 10.64 | 21.11 | 12.58 | 7.00 | 7.30 | 7.11 | 2300.00 | 3960.00 | 2835.00 |
| GWc2 | 13.34 | 21.19 | 16.74 | 7.10 | 7.20 | 7.16 | 1230.00 | 1390.00 | 1281.82 |
| GWc3 | 13.97 | 16.46 | 15.24 | 7.00 | 7.00 | 7.00 | 4890.00 | 6000.00 | 5505.00 |
| GWc4 | 15.19 | 16.42 | 15.88 | 6.50 | 6.80 | 6.70 | 2150.00 | 2460.00 | 2389.17 |
| GWc5 | 5.71 | 6.74 | 6.32 | 6.60 | 6.90 | 6.71 | 5410.00 | 5630.00 | 5531.54 |
| GWc10 | 5.74 | 11.60 | 7.45 | 6.90 | 7.30 | 7.10 | 3750.00 | 3910.00 | 3810.00 |
| GWc11 | 13.95 | 22.68 | 17.18 | 6.20 | 6.60 | 6.42 | 2430.00 | 4280.00 | 3184.55 |
| GWc12 | 21.74 | 39.59 | 29.33 | 7.00 | 7.50 | 7.24 | 1240.00 | 4740.00 | 3012.50 |
| GWc14 | 21.29 | 37.13 | 28.41 | 7.10 | 7.50 | 7.33 | 1280.00 | 2060.00 | 1663.64 |
| GWc15 | 22.31 | 32.91 | 27.46 | 7.10 | 7.20 | 7.14 | 1290.00 | 1780.00 | 1532.50 |
| GWc16 | 30.39 | 32.36 | 31.54 | 7.20 | 7.30 | 7.26 | 1910.00 | 1990.00 | 1941.82 |
| GWc17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc25 | 32.44 | 35.27 | 34.05 | 6.80 | 6.90 | 6.85 | 2170.00 | 2190.00 | 2180.00 |
| GWc26 | 43.01 | 44.91 | 43.76 | 7.00 | 7.50 | 7.28 | 1220.00 | 1350.00 | 1298.18 |
| GWc27 | 16.62 | 16.62 | 16.62 | 4.80 | 5.90 | 5.23 | 16.62 | 16.62 | 16.62 |
| GWc28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc30 | 31.04 | 33.39 | 32.00 | 6.70 | 6.90 | 6.83 | 3070.00 | 3280.00 | 3126.67 |
| GWc31 | 50.98 | 51.04 | 51.01 | 0.00 | 0.00 | | 0.00 | 0.00 | |
| GWc32 | 3.89 | 5.18 | 4.30 | 6.60 | 7.20 | 6.82 | 217.00 | 3590.00 | 2893.42 |
| GWc33 | 40.54 | 49.57 | 42.60 | 12.10 | 12.40 | 12.28 | 2330.00 | 4450.00 | 3245.00 |
| GWc34 | 20.26 | 20.51 | 20.35 | 7.20 | 7.20 | 7.20 | 4730.00 | 4730.00 | 4730.00 |
| GWc35 | 49.95 | 49.95 | 49.95 | 0.00 | 0.00 | | 0.00 | 0.00 | |
| GWc36 | 15.31 | 18.67 | 16.49 | 6.00 | 6.50 | 6.34 | 3390.00 | 4160.00 | 3642.22 |

## Summary of Groundwater Results 2019

| Site | Water Level (mbgl) | | | pH | | | EC (uS/cm) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | Max | Ave | Min | Max | Ave | Min | Max | Ave |
| GWa1 | 4.97 | 4.97 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa2 | 4.80 | 5.16 | 5.04 | 6.80 | 6.90 | 6.84 | 1390.00 | 1540.00 | 1482.73 |
| GWa3 | 5.61 | 5.61 | 5.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa4 | 5.12 | 5.17 | 5.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa5 | 3.87 | 4.07 | 3.98 | 7.50 | 7.50 | 7.50 | 10900.00 | 11800.00 | 11225.00 |
| GWa6 | 2.89 | 2.89 | 2.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa7 | 5.19 | 5.19 | 5.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa8 | 1.59 | 2.26 | 1.85 | 7.00 | 7.10 | 7.03 | 2220.00 | 2440.00 | 2355.00 |
| GWa10 | 4.80 | 5.19 | 5.00 | 7.00 | 7.10 | 7.05 | 3260.00 | 3370.00 | 3340.83 |
| GWa11 | 4.72 | 4.74 | 4.73 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa12 | 5.80 | 5.80 | 5.80 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa14 | 4.95 | 4.95 | 4.95 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa15 | 3.80 | 3.88 | 3.84 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa16 | 4.08 | 4.08 | 4.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa32 | 1.92 | 2.54 | 2.13 | 7.20 | 7.50 | 7.29 | 3040.00 | 4070.00 | 3315.00 |
| GWa34 | 4.51 | 4.73 | 4.63 | 4.30 | 4.90 | 4.60 | 6140.00 | 6298.33 | 6298.33 |
| GWa36 | 5.94 | 5.94 | 5.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | #DIV/0! |
| GWc1 | 11.23 | 12.52 | 11.88 | 7.00 | 7.20 | 7.11 | 2740.00 | 3410.00 | 3010.00 |
| GWc2 | 16.42 | 20.38 | 18.68 | 7.10 | 7.20 | 7.12 | 1190.00 | 1280.00 | 1249.17 |
| GWc3 | 15.27 | 16.26 | 15.62 | 6.90 | 6.90 | 6.90 | 4380.00 | 4430.00 | 4413.33 |
| GWc4 | 15.52 | 16.15 | 15.84 | 6.60 | 6.70 | 6.65 | 2340.00 | 2410.00 | 2374.17 |
| GWc5 | 5.91 | 6.82 | 6.27 | 6.60 | 6.70 | 6.68 | 5310.00 | 5560.00 | 5447.50 |
| GWc10 | 6.26 | 9.48 | 7.60 | 7.00 | 7.40 | 7.13 | 3750.00 | 3900.00 | 3835.00 |
| GWc11 | 16.65 | 21.86 | 19.35 | 6.40 | 6.60 | 6.43 | 3760.00 | 4300.00 | 4160.00 |
| GWc12 | 33.49 | 39.06 | 37.32 | 7.10 | 7.40 | 7.18 | 2040.00 | 4510.00 | 3645.00 |
| GWc14 | 29.80 | 36.80 | 34.50 | 7.20 | 7.40 | 7.34 | 1110.00 | 1260.00 | 1180.00 |
| GWc15 | 26.17 | 32.92 | 30.63 | 7.00 | 7.30 | 7.17 | 1570.00 | 1800.00 | 1702.50 |
| GWc16 | 30.76 | 32.70 | 31.97 | 7.20 | 7.30 | 7.21 | 1870.00 | 2110.00 | 1935.83 |
| GWc17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc24 | 23.62 | 26.28 | 24.91 | 4.60 | 4.80 | 4.73 | 3470.00 | 3620.00 | 3523.33 |
| GWc25 | 29.66 | 48.31 | 32.94 | 6.80 | 7.00 | 6.87 | 1690.00 | 2140.00 | 1991.67 |
| GWc26 | 40.81 | 42.52 | 41.85 | 7.10 | 7.30 | 7.15 | 1200.00 | 1270.00 | 1235.83 |
| GWc27 | 16.14 | 16.57 | 16.44 | 4.90 | 5.80 | 5.34 | 16.14 | 16.57 | 16.44 |
| GWc28 | 43.21 | 44.61 | 43.80 | 6.70 | 6.80 | 6.78 | 3210.00 | 3310.00 | 3280.00 |
| GWc29 | 44.00 | 45.21 | 44.54 | 6.80 | 7.00 | 6.86 | 2250.00 | 2440.00 | 2360.00 |
| GWc30 | 31.90 | 33.02 | 32.48 | 6.70 | 6.90 | 6.80 | 2920.00 | 3150.00 | 3033.33 |
| GWc31 | 51.14 | 51.34 | 51.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc32 | 4.43 | 4.89 | 4.59 | 6.60 | 6.80 | 6.69 | 3400.00 | 3550.00 | 3470.00 |
| GWc33 | 40.45 | 42.75 | 41.42 | 12.30 | 12.50 | 12.41 | 4470.00 | 5010.00 | 4668.33 |
| GWc34 | 20.26 | 20.50 | 20.36 | 7.10 | 7.20 | 7.15 | 4610.00 | 4760.00 | 4682.50 |
| GWc35 | 47.73 | 48.17 | 47.90 | 7.00 | 7.20 | 7.08 | 1180.00 | 1220.00 | 1202.00 |
| GWc36 | 16.37 | 17.77 | 17.26 | 6.10 | 6.30 | 6.23 | 4010.00 | 4350.00 | 4215.56 |

## Summary of Groundwater Results 2018

| Site | Water Level (mbgl) | | | pH | | | EC (uS/cm) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | Max | Ave | Min | Max | Ave | Min | Max | Ave |
| GWa1 | 4.95 | 4.97 | 4.96 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa2 | 3.96 | 4.66 | 4.40 | 6.70 | 7.00 | 6.91 | 1310.00 | 1440.00 | 1395.00 |
| GWa3 | 5.61 | 5.61 | 5.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa4 | 4.87 | 5.17 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa5 | 3.87 | 4.21 | 3.99 | 7.40 | 7.70 | 7.52 | 11700.00 | 14800.00 | 13360.00 |
| GWa6 | 2.89 | 2.89 | 2.89 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa7 | 4.61 | 5.20 | 4.97 | 7.10 | 7.10 | 7.10 | 10800.00 | 11000.00 | 10900.00 |
| GWa8 | 1.56 | 2.34 | 1.87 | 6.90 | 7.10 | 7.03 | 2000.00 | 2580.00 | 2156.67 |
| GWa10 | 4.39 | 4.64 | 4.55 | 6.90 | 7.20 | 7.07 | 3220.00 | 3400.00 | 3285.00 |
| GWa11 | 3.42 | 4.20 | 3.68 | 7.50 | 7.80 | 7.69 | 1560.00 | 3570.00 | 2062.22 |
| GWa12 | 5.39 | 5.80 | 5.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa14 | 4.96 | 4.97 | 4.97 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa15 | 3.57 | 3.66 | 3.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa16 | 3.95 | 4.07 | 4.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa32 | 1.91 | 3.16 | 2.40 | 7.10 | 7.40 | 7.24 | 3250.00 | 3800.00 | 3385.83 |
| GWa34 | 4.49 | 4.55 | 4.53 | 4.30 | 4.90 | 4.57 | 5970.00 | 6060.83 | 6060.83 |
| GWa36 | 5.84 | 5.94 | 5.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc1 | 10.59 | 11.31 | 10.93 | 6.90 | 7.20 | 7.10 | 3410.00 | 3660.00 | 3535.83 |
| GWc2 | 14.50 | 15.87 | 15.26 | 7.00 | 7.20 | 7.12 | 1210.00 | 1290.00 | 1249.17 |
| GWc3 | 13.10 | 15.32 | 14.35 | 6.70 | 6.90 | 6.82 | 3840.00 | 4500.00 | 4133.33 |
| GWc4 | 14.98 | 15.43 | 15.17 | 6.60 | 6.70 | 6.64 | 2300.00 | 2580.00 | 2385.00 |
| GWc5 | 5.56 | 6.02 | 5.83 | 6.50 | 6.70 | 6.63 | 3570.00 | 5740.00 | 5221.67 |
| GWc10 | 4.60 | 5.63 | 5.10 | 6.70 | 7.40 | 7.11 | 3660.00 | 3800.00 | 3726.36 |
| GWc11 | 15.15 | 16.02 | 15.64 | 6.50 | 6.70 | 6.54 | 3300.00 | 3850.00 | 3615.00 |
| GWc12 | 32.02 | 36.57 | 34.92 | 7.20 | 7.60 | 7.43 | 1270.00 | 1660.00 | 1425.00 |
| GWc14 | 22.89 | 33.27 | 30.42 | 7.30 | 7.70 | 7.39 | 940.00 | 1160.00 | 1083.64 |
| GWc15 | 22.60 | 29.37 | 26.91 | 6.60 | 7.10 | 6.88 | 1600.00 | 3260.00 | 2286.67 |
| GWc16 | 25.61 | 29.79 | 27.73 | 7.10 | 7.40 | 7.20 | 1940.00 | 2520.00 | 2179.17 |
| GWc17 | 42.76 | 43.81 | 43.37 | 6.90 | 7.10 | 6.97 | 1920.00 | 2800.00 | 2171.11 |
| GWc18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWc19 | 31.06 | 35.47 | 33.27 | 6.50 | 6.50 | 6.50 | 1860.00 | 1930.00 | 1895.00 |
| GWc24 | 22.19 | 23.16 | 22.57 | 3.70 | 6.00 | 5.20 | 3450.00 | 3580.00 | 3530.00 |
| GWc25 | 27.94 | 29.53 | 28.67 | 6.90 | 7.60 | 7.33 | 1550.00 | 1710.00 | 1653.33 |
| GWc26 | 39.47 | 40.79 | 40.00 | 7.10 | 7.40 | 7.25 | 1240.00 | 1480.00 | 1333.33 |
| GWc27 | 15.62 | 16.16 | 15.87 | 4.30 | 5.70 | 4.98 | 15.62 | 16.16 | 15.87 |
| GWc28 | 39.16 | 44.77 | 41.81 | 6.70 | 6.80 | 6.78 | 3000.00 | 3540.00 | 3243.33 |
| GWc29 | 39.91 | 45.01 | 42.21 | 6.80 | 7.10 | 6.93 | 2170.00 | 2580.00 | 2258.33 |
| GWc30 | 31.09 | 33.25 | 32.21 | 6.70 | 7.00 | 6.80 | 2930.00 | 3100.00 | 3004.17 |
| GWc31 | 50.61 | 51.29 | 51.03 | 6.80 | 6.80 | 6.80 | 4190.00 | 4190.00 | 4190.00 |
| GWc32 | 4.06 | 4.36 | 4.24 | 6.50 | 6.80 | 6.68 | 3380.00 | 3650.00 | 3448.33 |
| GWc33 | 39.39 | 42.22 | 40.62 | 12.40 | 12.60 | 12.48 | 5220.00 | 6950.00 | 6004.17 |
| GWc34 | 20.31 | 20.70 | 20.48 | 7.00 | 7.10 | 7.08 | 4330.00 | 4700.00 | 4536.00 |
| GWc35 | 42.06 | 47.37 | 44.13 | 6.90 | 7.40 | 7.10 | 538.00 | 1240.00 | 764.25 |
| GWc36 | 15.13 | 15.89 | 15.67 | 6.30 | 6.50 | 6.41 | 3350.00 | 4150.00 | 3843.33 |

**Summary of Groundwater Results 2017**

| Site | Water Level (mbgl) | | | pH | | | EC (uS/cm) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | Max | Ave | Min | Max | Max | Min | Max | Ave |
| GWa1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 4.89 | 5.02 | 4.93 |
| GWa2 | 2.58 | 3.70 | 3.33 | 6.50 | 6.60 | 6.53 | 1420.00 | 1690.00 | 1518.57 |
| GWa3 | 4.10 | 4.51 | 4.31 | 7.20 | 7.30 | 7.22 | 1550.00 | 2000.00 | 1816.67 |
| GWa4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa5 | 3.60 | 4.01 | 3.83 | 7.40 | 7.60 | 7.49 | 10400.00 | 15800.00 | 13296.36 |
| GWa6 | 1.16 | 2.15 | 1.75 | 7.60 | 7.60 | 7.60 | 8210.00 | 13600.00 | 12101.67 |
| GWa7 | 4.52 | 4.60 | 4.56 | 7.00 | 7.00 | 7.00 | 10400.00 | 10500.00 | 10450.00 |
| GWa8 | 1.42 | 1.98 | 1.59 | 6.90 | 7.10 | 7.02 | 2330.00 | 2520.00 | 2430.00 |
| GWa10 | 3.82 | 4.17 | 3.96 | 6.90 | 7.10 | 6.98 | 3320.00 | 3470.00 | 3399.17 |
| GWa11 | 3.34 | 3.75 | 3.49 | 7.20 | 7.80 | 7.65 | 1450.00 | 1960.00 | 1707.50 |
| GWa12 | 3.86 | 4.97 | 4.48 | 7.70 | 7.80 | 7.74 | 820.00 | 870.00 | 843.00 |
| GWa14 | 4.97 | 31.45 | 18.21 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa15 | 2.81 | 3.21 | 3.07 | 7.10 | 7.10 | 7.10 | 710.00 | 710.00 | 710.00 |
| GWa16 | 3.47 | 3.52 | 3.50 | 7.30 | 7.40 | 7.35 | 18300.00 | 18500.00 | 18400.00 |
| GWa22 | - | - | - | - | - | - | - | - | - |
| GWa32 | 1.81 | 3.93 | 2.19 | 7.10 | 7.30 | 7.21 | 3480.00 | 4430.00 | 4062.50 |
| GWa34 | 2.43 | 4.49 | 4.246818182 | 4.30 | 4.90 | 4.51 | 5190.00 | 6210.00 | 5843.333333 |
| GWc1 | 9.51 | 10.20 | 9.77 | 7.00 | 7.30 | 7.15 | 2080.00 | 3540.00 | 2913.33 |
| GWc2 | 12.85 | 14.43 | 13.80 | 7.00 | 7.20 | 7.11 | 1240.00 | 1300.00 | 1271.67 |
| GWc3 | 9.27 | 11.46 | 10.21 | 6.80 | 6.90 | 6.81 | 3920.00 | 4410.00 | 4037.50 |
| GWc4 | 14.55 | 14.85 | 14.69 | 6.60 | 6.70 | 6.65 | 2370.00 | 3110.00 | 2467.50 |
| GWc5 | 5.71 | 6.33 | 6.00 | 6.50 | 6.70 | 6.61 | 5340.00 | 5620.00 | 5515.00 |
| GWc10 | 1.84 | 3.93 | 2.44 | 6.50 | 7.00 | 6.79 | 3530.00 | 3710.00 | 3605.00 |
| GWc11 | 14.19 | 14.59 | 14.37 | 6.50 | 6.60 | 6.55 | 3510.00 | 3710.00 | 3649.17 |
| GWc12 | 30.04 | 34.60 | 32.61 | 7.10 | 7.50 | 7.28 | 1160.00 | 3580.00 | 1975.00 |
| GWc14 | 26.33 | 31.45 | 29.27 | 7.30 | 7.40 | 7.34 | 1090.00 | 1120.00 | 1104.17 |
| GWc15 | 2.81 | 3.21 | 3.07 | 7.10 | 7.10 | 7.10 | 710.00 | 710.00 | 710.00 |

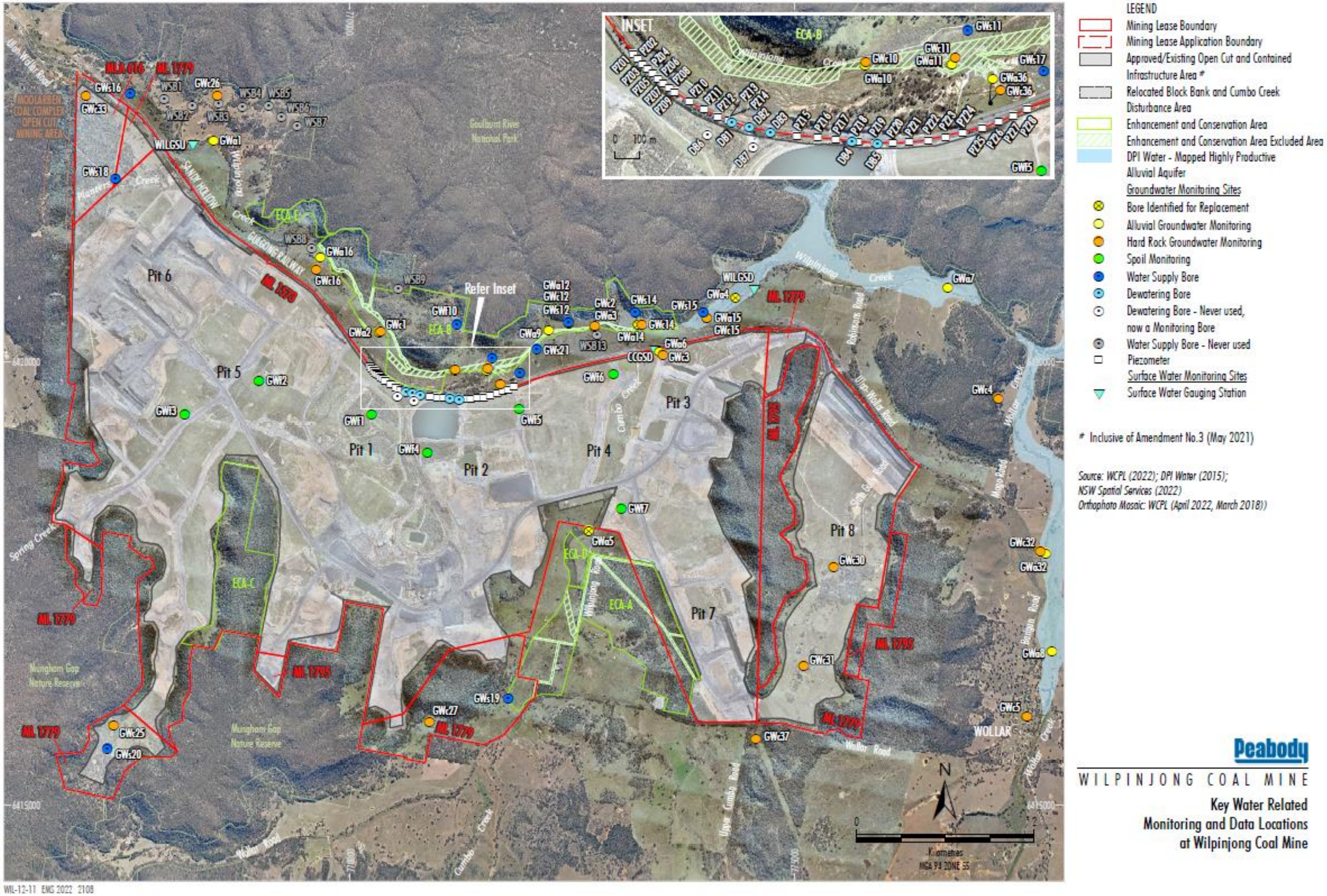
## Summary of Groundwater Results 2016

| Site | Water Level (mbgl) | | | pH | | | EC (uS/cm) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | Max | Ave | Min | Max | Ave | Min | Max | Ave |
| GWa1 | 4.85 | 5.20 | 4.94 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa2 | 1.37 | 4.27 | 3.09 | 6.60 | 7.00 | 6.76 | 1480.00 | 1910.00 | 1621.82 |
| GWa3 | 3.62 | 5.12 | 4.22 | 7.00 | 7.40 | 7.17 | 500.00 | 2580.00 | 1281.43 |
| GWa4 | 4.02 | 4.89 | 4.56 | 7.00 | 7.20 | 7.10 | 3040.00 | 3850.00 | 3546.67 |
| GWa5 | 2.54 | 4.33 | 3.68 | 7.20 | 7.60 | 7.40 | 8920.00 | 14200.00 | 11310.91 |
| GWa6 | 1.04 | 2.44 | 1.62 | 7.50 | 7.80 | 7.63 | 6640.00 | 13600.00 | 9832.00 |
| GWa7 | 3.25 | 4.87 | 4.12 | 7.00 | 7.80 | 7.26 | 12.83 | 10800.00 | 5788.21 |
| GWa8 | 1.10 | 2.28 | 1.59 | 6.80 | 7.20 | 7.03 | 2080.00 | 2520.00 | 2234.55 |
| GWa10 | 3.03 | 3.99 | 3.62 | 6.80 | 7.30 | 6.98 | 2660.00 | 3590.00 | 3350.83 |
| GWa11 | 3.16 | 3.62 | 3.40 | 7.40 | 7.70 | 7.53 | 1700.00 | 3070.00 | 2289.17 |
| GWa12 | 3.28 | 5.54 | 3.93 | 7.60 | 7.70 | 7.63 | 890.00 | 1250.00 | 1030.00 |
| GWa14 | 1.53 | 1.53 | 1.53 | 7.80 | 7.80 | 7.80 | 790.00 | 790.00 | 790.00 |
| GWa15 | 2.48 | 3.73 | 3.41 | 7.20 | 7.60 | 7.38 | 290.00 | 2910.00 | 2354.00 |
| GWa16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| GWa22 | 3.87 | 3.92 | 3.90 | 6.90 | 7.10 | 7.00 | 5340.00 | 5470.00 | 5405.00 |
| GWa32 | 1.56 | 2.85 | 2.11 | 7.00 | 7.30 | 7.16 | 3740.00 | 5550.00 | 4255.00 |
| GWa34 | 2.80 | 4.71 | 4.2275 | 4.10 | 6.50 | 5.25 | 190.00 | 6640.00 | 4740 |
| GWc1 | 8.62 | 9.61 | 9.19 | 6.90 | 7.20 | 7.05 | 2050.00 | 3370.00 | 2762.73 |
| GWc2 | 12.23 | 14.62 | 13.83 | 7.00 | 7.20 | 7.06 | 1240.00 | 1290.00 | 1260.91 |
| GWc3 | 8.93 | 14.23 | 10.77 | 6.70 | 7.00 | 6.82 | 3810.00 | 4250.00 | 4044.55 |
| GWc4 | 14.26 | 14.57 | 14.45 | 6.70 | 7.00 | 6.82 | 1980.00 | 2470.00 | 2348.00 |
| GWc5 | 5.91 | 6.56 | 6.18 | 6.40 | 6.80 | 6.58 | 5480.00 | 5700.00 | 5582.73 |
| GWc10 | 1.40 | 2.37 | 1.97 | 6.50 | 7.30 | 6.94 | 3580.00 | 4020.00 | 3847.50 |
| GWc11 | 13.34 | 14.32 | 13.79 | 6.20 | 6.50 | 6.34 | 3470.00 | 3710.00 | 3573.33 |
| GWc12 | 26.52 | 32.29 | 29.51 | 6.90 | 7.30 | 7.11 | 1180.00 | 4130.00 | 1842.73 |
| GWc14 | 22.97 | 30.37 | 27.10 | 7.20 | 7.30 | 7.25 | 1080.00 | 1170.00 | 1107.27 |
| GWc15 | 19.37 | 25.55 | 22.56 | 6.50 | 6.70 | 6.55 | 3180.00 | 3370.00 | 3266.36 |

## Summary of Groundwater Results 2015

| Site | Water Level (mbgl) | | | pH | | | EC (uS/cm) | | |
|---|---|---|---|---|---|---|---|---|---|
| | Min | Max | Ave | Min | Max | Ave | Min | Max | Ave |
| GWa1 | 4.94 | 5.21 | 5.05 | 0.00 | 0.00 | - | 0.00 | 0.00 | - |
| GWa2 | 3.78 | 4.20 | 4.01 | 6.70 | 6.90 | 6.81 | 1400.00 | 1510.00 | 1431.67 |
| GWa3 | 4.88 | 5.45 | 5.22 | 6.90 | 7.20 | 7.03 | 2120.00 | 2640.00 | 2396.67 |
| GWa4 | 3.80 | 13.67 | 5.08 | 6.50 | 7.20 | 6.92 | 2350.00 | 5260.00 | 4381.11 |
| GWa5 | 3.24 | 4.19 | 3.67 | 7.00 | 7.50 | 7.23 | 9950.00 | 11070.00 | 10511.67 |
| GWa6 | 2.47 | 2.79 | 2.72 | 7.50 | 7.60 | 7.55 | 8370.00 | 8830.00 | 8600.00 |
| GWa7 | 4.66 | 5.21 | 4.95 | 7.00 | 7.30 | 7.05 | 12330.00 | 15270.00 | 13656.00 |
| GWa8 | 1.42 | 2.25 | 1.72 | 6.80 | 7.10 | 6.95 | 2060.00 | 2290.00 | 2174.17 |
| GWa10 | 3.43 | 4.18 | 3.87 | 6.80 | 7.00 | 6.90 | 3470.00 | 3840.00 | 3575.83 |
| GWa11 | 3.16 | 4.07 | 3.57 | 7.40 | 7.70 | 7.53 | 2060.00 | 3920.00 | 2789.17 |
| GWa12 | 5.04 | 5.85 | 5.62 | 0.00 | 0.00 | - | 0.00 | 0.00 | 0.00 |
| GWa14 | 4.54 | 5.01 | 4.85 | 0.00 | 0.00 | - | 0.00 | 0.00 | - |
| GWa15 | 3.54 | 3.69 | 3.62 | 7.20 | 7.40 | 7.30 | 2860.00 | 2960.00 | 2934.00 |
| GWc1 | 9.62 | 10.12 | 9.85 | 6.90 | 7.10 | 7.03 | 2200.00 | 3320.00 | 2682.50 |
| GWc2 | 12.47 | 14.51 | 13.61 | 7.00 | 7.30 | 7.13 | 1180.00 | 1300.00 | 1240.83 |
| GWc3 | 9.88 | 10.73 | 10.27 | 6.70 | 6.80 | 6.74 | 4190.00 | 4630.00 | 4511.67 |
| GWc4 | 13.23 | 14.09 | 13.83 | 6.40 | 6.70 | 6.56 | 2240.00 | 2480.00 | 2380.83 |
| GWc5 | 5.81 | 6.47 | 6.08 | 6.40 | 6.70 | 6.56 | 5520.00 | 5770.00 | 5659.17 |
| GWc10 | 2.66 | 5.04 | 3.98 | 6.90 | 7.50 | 7.22 | 3730.00 | 4020.00 | 3910.83 |
| GWc11 | 13.49 | 14.80 | 14.20 | 6.10 | 6.40 | 6.23 | 3670.00 | 3820.00 | 3761.67 |
| GWc12 | 24.28 | 32.33 | 27.79 | 7.10 | 7.60 | 7.24 | 1400.00 | 1700.00 | 1568.33 |
| GWc14 | 19.64 | 29.58 | 24.56 | 7.20 | 7.40 | 7.26 | 1120.00 | 1170.00 | 1148.33 |
| GWc15 | 15.32 | 23.11 | 19.53 | 6.50 | 6.70 | 6.55 | 3270.00 | 3370.00 | 3321.67 |

## Groundwater Monitoring Locations



## 2024 Groundwater Monitoring Data

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWA1 | 18-Jan-2024 | 1312 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWA2 | 23-Jan-2024 | 1500 | <0.01 | 3.27 | 0.004 | 0.06 | 84 | 27 | <1 | 138 | 952 | 0.005 | | 2.98 | 7.4 | 21 | <1 | 4.26 | 5.63 | 0.004 | 35 | 0.665 | <0.001 | 0.005 | | 6.6 | 7.12 | 7 | 115 | <0.01 | 102 | 0.32 | 195 | 20 | 84 | 9.63 | 8.84 | 589 | 0.01 |
| GWA3 | 11-Jan-2024 | 1343 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA4 | 11-Jan-2024 | 1055 | <0.01 | 0.94 | 0.007 | 0.049 | 387 | 79 | <1 | 186 | 1510 | <0.001 | | 2.55 | 7 | 18 | <1 | 1.15 | 5.32 | <0.001 | 51 | 0.386 | <0.001 | 0.01 | | 6.9 | 6.98 | 18 | 195 | <0.01 | 185 | 0.524 | 158 | 19.5 | 387 | 16.3 | 16.6 | 850 | <0.005 |
| GWA5 | 05-Jan-2024 | 1055 | <0.01 | 0.12 | 0.002 | 0.04 | 732 | 413 | <1 | 853 | 8450 | 0.004 | | 2.06 | 7.6 | 23 | <1 | 4.78 | 0.24 | <0.001 | 602 | 0.09 | 0.002 | 0.009 | | 7.3 | 7.3 | 26 | 102 | <0.01 | 894 | 4.42 | 3940 | 20.6 | 732 | 121 | 110 | 7840 | 0.032 |
| GWA6 | 05-Jan-2024 | 1333 | <0.01 | 0.09 | 0.001 | 0.082 | 530 | 174 | <1 | 348 | 4230 | 0.004 | | 0.75 | 7.2 | 11 | <1 | 3.48 | 0.61 | <0.001 | 197 | 0.581 | 0.002 | 0.011 | | 7.2 | 7.35 | 23 | 114 | <0.01 | 517 | 1.82 | 1490 | 21 | 530 | 51.4 | 48 | 3330 | 0.008 |
| GWA7 | 04-Jan-2024 | 1033 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA8 | 04-Jan-2024 | 1305 | <0.01 | 2.08 | 0.002 | 0.085 | 355 | 79 | <1 | 235 | 1850 | 0.005 | | 1.57 | 6.4 | 8 | <1 | 5.37 | 2.62 | 0.01 | 72 | 9.46 | <0.001 | 0.018 | | 7.1 | 7.27 | 10 | 100 | <0.01 | 189 | 0.872 | 322 | 19 | 355 | 20.4 | 18.3 | 1270 | 0.018 |
| GWC1 | 23-Jan-2024 | 1432 | <0.01 | 0.08 | <0.001 | 0.034 | 264 | 62 | <1 | 291 | 1860 | 0.002 | | 9.23 | 6.8 | 16 | <1 | 3.48 | 0.15 | <0.001 | 53 | 1.97 | <0.001 | 0.004 | | 7 | 7.77 | 13 | 82.8 | <0.01 | 236 | 0.728 | 282 | 18 | 264 | 19.4 | 18 | 1200 | 0.006 |
| GWC2 | 11-Jan-2024 | 1331 | <0.01 | <0.01 | <0.001 | 0.299 | 518 | 63 | <1 | 115 | 1250 | <0.001 | | 3.74 | 7.2 | 12 | <1 | 0.99 | 1.79 | <0.001 | 26 | 0.11 | <0.001 | <0.001 | | 7.2 | 7.23 | 25 | 192 | <0.01 | 186 | 0.483 | 7 | 21 | 518 | 13.7 | 14 | 732 | <0.005 |
| GWC3 | 05-Jan-2024 | 1358 | <0.01 | 0.01 | <0.001 | 0.02 | 598 | 132 | <1 | 345 | 3590 | <0.001 | | 1.77 | 7.1 | 15 | <1 | 1.55 | 0.48 | <0.001 | 143 | 0.399 | 0.005 | 0.085 | | 7 | 7.18 | 39 | 157 | <0.01 | 462 | 1.42 | 913 | 20.5 | 598 | 40.7 | 39.4 | 2490 | <0.005 |
| GWC4 | 04-Jan-2024 | 1119 | <0.01 | 0.03 | <0.001 | 0.038 | 641 | 172 | <1 | 332 | 2450 | 0.002 | | 13.5 | 6.7 | 30 | <1 | 3.66 | 2.16 | <0.001 | 80 | 0.049 | <0.001 | 0.001 | | 6.6 | 6.85 | 48 | 120 | <0.01 | 208 | 1.91 | 250 | 21.5 | 641 | 27.4 | 25.4 | 1590 | 0.01 |
| GWC5 | 04-Jan-2024 | 1335 | <0.01 | 0.06 | <0.001 | 0.143 | 2050 | 258 | <1 | 513 | 5380 | 0.003 | | 5.21 | 5.6 | 635 | <1 | 1.74 | 0.15 | 0.001 | 134 | 1.05 | <0.001 | 0.022 | | 6.5 | 6.61 | 86 | 136 | <0.01 | 829 | 7.41 | 429 | 18.5 | 2050 | 64.4 | 62.2 | 3610 | 0.017 |
| GWA10 | 24-Jan-2024 | 1409 | <0.01 | 0.65 | 0.002 | 0.033 | 374 | 123 | <1 | 483 | 2910 | 0.006 | 24/01/2024 | 3.42 | 7.5 | 12 | <1 | 0.86 | 2.08 | <0.001 | 105 | 1.08 | <0.001 | 0.004 | | 7.1 | 7.23 | 1 | 119 | <0.01 | 396 | 0.82 | 499 | 20.5 | 374 | 31.5 | 32 | 2280 | <0.005 |
| GWC10 | 24-Jan-2024 | 1344 | | 0.04 | <0.001 | 0.041 | 366 | 210 | <1 | 376 | 3770 | 0.004 | | 3.27 | 7 | 16 | <1 | 0.7 | 1.73 | <0.001 | 128 | 0.222 | <0.001 | 0.004 | | 6.9 | 7.06 | 32 | 125 | <0.01 | 508 | 2.1 | 1220 | 20.5 | 366 | 43.3 | 43.9 | 3330 | <0.005 |
| GWA11 | 24-Jan-2024 | 1255 | <0.01 | 3.24 | <0.001 | 0.04 | 481 | 40 | <1 | 66 | 1300 | 0.006 | | 3.56 | 6.4 | 7 | <1 | 6.29 | 3.73 | 0.002 | 33 | 0.198 | <0.001 | 0.008 | | 7.5 | 7.66 | 12 | 106 | <0.01 | 225 | 0.48 | 76 | 20.5 | 481 | 13 | 14.8 | 985 | 0.01 |
| GWC11 | 24-Jan-2024 | 1235 | | 0.14 | <0.001 | 0.03 | 228 | 64 | <1 | 236 | 2080 | 0.003 | 24/01/2024 | 7.64 | 6.4 | 34 | <1 | 0.34 | 12.8 | 0.001 | 65 | 1 | <0.001 | 0.006 | | 6.4 | 6.56 | 19 | 137 | <0.01 | 292 | 0.66 | 498 | 19 | 228 | 21.6 | 21.7 | 1570 | 0.02 |
| GWA12 | 11-Jan-2024 | 1313 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC12 | 11-Jan-2024 | 1305 | | 0.02 | <0.001 | 0.068 | 707 | 112 | <1 | 185 | 2600 | 0.004 | 11/01/2024 | 7.62 | 6.5 | 12 | <1 | 0.3 | 1.08 | <0.001 | 47 | 0.241 | 0.001 | 0.002 | | 7.4 | 7.46 | 26 | 75.1 | <0.01 | 441 | 1.18 | 487 | 19.5 | 707 | 29.5 | 29.3 | 1740 | <0.005 |
| GWA14 | 11-Jan-2024 | 1202 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC14 | 11-Jan-2024 | 1230 | | 0.11 | <0.001 | 0.055 | 437 | 273 | <1 | 222 | 3450 | 0.004 | | 3.13 | 6.8 | 8 | <1 | 0.66 | 1.3 | <0.001 | 119 | 0.211 | 0.002 | 0.018 | | 7.3 | 7.31 | 34 | 81.4 | <0.01 | 402 | 2.39 | 1260 | 19.5 | 437 | 41.2 | 41.8 | 2890 | 0.009 |
| GWA15 | 11-Jan-2024 | 1117 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC15 | 11-Jan-2024 | 1145 | | 0.02 | <0.001 | 0.045 | 476 | 343 | <1 | 288 | 4010 | 0.002 | | 4.27 | 7 | 12 | <1 | 1.74 | 1.78 | 0.001 | 156 | 0.194 | <0.001 | 0.002 | | 7 | 6.97 | 40 | 84.6 | <0.01 | 461 | 3.51 | 1520 | 19 | 476 | 49.3 | 51 | 3480 | <0.005 |
| GWC33 | 23-Jan-2024 | 1011 | | | | | | | | | | | 23/01/2024 | Dry | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| GWC26 | 24-Jan-2024 | 1052 | | 0.3 | <0.001 | 0.279 | 531 | 29 | <1 | 148 | 1480 | 0.022 | 24/01/2024 | 52.78 | 7.1 | 11 | <1 | 2.29 | 1.46 | 0.005 | 17 | 0.057 | <0.001 | 0.003 | | 7.3 | 7.53 | 16 | 128 | <0.01 | 293 | 0.443 | 24 | 21 | 531 | 15.3 | 16 | 1020 | 0.035 |
| GWA16 | 18-Jan-2024 | 1422 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC16 | 18-Jan-2024 | 1356 | | 0.07 | <0.001 | 0.118 | 627 | 77 | <1 | 368 | 2360 | <0.001 | | 31.15 | 7.7 | 18 | <1 | 2.38 | 0.78 | 0.001 | 38 | 0.059 | <0.001 | <0.001 | | 7.2 | 7.3 | 22 | 79.1 | <0.01 | 382 | 0.822 | 116 | 22 | 627 | 25.3 | 24.1 | 1540 | 0.006 |
| GWC30 | 05-Jan-2024 | 1226 | | 0.05 | <0.001 | 0.043 | 558 | 198 | <1 | 601 | 3140 | 0.012 | 05/01/2024 | 31.82 | 7.4 | 27 | <1 | 4.46 | 3.25 | <0.001 | 156 | 0.177 | <0.001 | 0.002 | | 6.7 | 6.79 | 46 | 193 | <0.01 | 182 | 2.36 | 321 | 21 | 558 | 34.8 | 31.8 | 2080 | 0.011 |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWC31 | 05-Jan-2024 | 1253 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc37 | 05-Jan-2024 | 1142 | | 0.3 | 0.019 | 0.026 | 186 | 120 | <1 | 177 | 2440 | 0.006 | | 25.06 | 6.8 | 19 | <1 | 1.4 | 5.46 | 0.001 | 102 | 1.15 | <0.001 | 0.011 | | 6.2 | 6.45 | 50 | 27.2 | <0.01 | 240 | 1.36 | 871 | 21 | 186 | 26.8 | 26.1 | 1740 | 0.042 |
| GWC27 | 05-Jan-2024 | 1007 | | 0.63 | 0.003 | 0.046 | <1 | 16 | <1 | 324 | 1580 | 0.051 | 05/01/2024 | 15.21 | 7.1 | <1 | <1 | 6.42 | 1.98 | 0.006 | 27 | 2.54 | <0.001 | 0.029 | | 4 | 3.97 | 31 | 366 | <0.01 | 212 | 0.147 | 273 | 19.5 | <1 | 14.8 | 13 | 954 | 0.362 |
| GWA32 | 04-Jan-2024 | 1210 | | 0.01 | <0.001 | 0.036 | 596 | 106 | <1 | 674 | 3440 | 0.003 | 04/01/2024 | 1.9 | 8.1 | 9 | <1 | 5.92 | <0.05 | <0.001 | 136 | 0.143 | 0.004 | 0.002 | | 7.3 | 7.27 | 18 | 204 | <0.01 | 375 | 1.64 | 313 | 21.5 | 596 | 37.4 | 33.2 | 2270 | 0.006 |
| GWC32 | 04-Jan-2024 | 1234 | | 0.03 | <0.001 | 0.034 | 1370 | 141 | <1 | 327 | 3520 | 0.004 | 04/01/2024 | 4.53 | 6 | 74 | <1 | 5.03 | 1.77 | <0.001 | 104 | 0.068 | <0.001 | 0.113 | | 6.5 | 6.73 | 42 | 214 | <0.01 | 500 | 4.51 | 283 | 20 | 1370 | 42.5 | 38.4 | 2260 | 0.01 |
| GWA34 | 04-Jan-2024 | 1430 | | 1.98 | 0.001 | 0.03 | 270 | 37 | <1 | 394 | 3250 | 0.059 | 04/01/2024 | 3.76 | 8 | 10 | <1 | 68.8 | 2.95 | <0.001 | 39 | 0.394 | 0.002 | 0.068 | | 6.6 | 6.8 | <1 | 95.3 | <0.01 | 48 | 1.41 | 1060 | 20.5 | 270 | 38.6 | 7.14 | 2720 | 0.145 |
| GWC34 | 04-Jan-2024 | 1443 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWa36 | 11-Jan-2024 | 1420 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc36 | 11-Jan-2024 | 1410 | | 0.03 | <0.001 | 0.028 | 292 | 155 | <1 | 340 | 3780 | <0.001 | | 9.42 | 7.1 | 25 | <1 | 1.01 | 24.7 | <0.001 | 158 | 2.68 | 0.002 | 0.012 | | 6.5 | 6.5 | 37 | -25.5 | <0.01 | 513 | 1.55 | 1330 | 21 | 292 | 43.1 | 44 | 3030 | 0.022 |
| GWC25 | 30-Jan-2024 | 1357 | | 1.25 | 0.002 | 0.13 | 256 | 40 | <1 | 243 | 1350 | 0.01 | 30/01/2024 | 25.42 | 6.4 | 39 | <1 | 1.03 | 1.27 | 0.005 | 58 | 0.355 | <0.001 | 0.019 | | 6.5 | 6.76 | 8 | 114 | <0.01 | 167 | 0.498 | 95 | 21.5 | 256 | 13.9 | 14.2 | 782 | <0.005 |
| PZ13 | 18-Jan-2024 | 1235 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| PZ20 | 30-Jan-2024 | 1147 | | 3.61 | 0.002 | 0.036 | 397 | 34 | <1 | 29 | 913 | 0.008 | | 2.13 | 6.7 | 8 | <1 | 2.42 | 2.43 | 0.003 | 39 | 0.806 | 0.001 | 0.01 | | 7.5 | 7.59 | 17 | 81.1 | <0.01 | 121 | 0.366 | 65 | 22.5 | 397 | 10.1 | 10.6 | 626 | 0.017 |
| PZ21 | 30-Jan-2024 | 1219 | | 4.83 | 0.003 | 0.025 | 338 | 19 | <1 | 20 | 792 | 0.007 | | 3.52 | 6.2 | 5 | <1 | 2.64 | 2.64 | 0.002 | 17 | 0.309 | 0.002 | 0.008 | | 7.7 | 7.82 | 8 | 116 | <0.01 | 151 | 0.218 | 64 | 20 | 338 | 8.65 | 9.12 | 536 | 0.016 |
| PZ26 | 30-Jan-2024 | 1121 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF1 | 30-Jan-2024 | 1306 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWF2 | 30-Jan-2024 | 1505 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF3 | 30-Jan-2024 | 1435 | | 0.91 | <0.001 | 0.088 | 749 | 220 | <1 | 370 | 4170 | 0.006 | | 18.36 | 6 | 57 | <1 | 0.41 | 2.37 | 0.003 | 329 | 1.72 | 0.002 | 0.011 | | 6.7 | 6.87 | 39 | 133 | <0.01 | 365 | 2.06 | 1440 | 23 | 749 | 55.4 | 54.9 | 3630 | 0.184 |
| GWF4 | 30-Jan-2024 | 1240 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF5 | 30-Jan-2024 | 1116 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF7 | 30-Jan-2024 | 1505 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Barologger Office | 30-Jan-2024 | 1500 | | | | | | | | | | | 30/01/2024 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWA1 | 22-Feb-2024 | 1125 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWA2 | 08-Feb-2024 | 1309 | <0.01 | 1.55 | 0.001 | 0.044 | 93 | 26 | <1 | 132 | 888 | 0.001 | | 3.1 | 7.8 | 15 | <1 | 1.08 | 2.32 | 0.001 | 36 | 0.347 | <0.001 | 0.003 | | 6.4 | 6.57 | 8 | 92.2 | <0.01 | 117 | 0.271 | 181 | 19 | 93 | 9.35 | 9.55 | 626 | <0.005 |
| GWA3 | 15-Feb-2024 | 1432 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA4 | 15-Feb-2024 | 1150 | <0.01 | 0.32 | 0.008 | 0.062 | 416 | 84 | <1 | 202 | 1570 | <0.001 | | 2.52 | 7.2 | 25 | <1 | 0.48 | 4.53 | <0.001 | 57 | 0.432 | <0.001 | 0.011 | | 7 | 6.93 | 19 | 118 | <0.01 | 190 | 0.705 | 166 | 20 | 416 | 17.5 | 17.6 | 973 | <0.005 |
| GWA5 | 21-Feb-2024 | 1133 | <0.01 | 0.15 | 0.002 | 0.044 | 725 | 554 | <1 | 1310 | 10600 | 0.004 | | 2.07 | 6.5 | 38 | <1 | 2.97 | 0.27 | <0.001 | 806 | 0.367 | 0.009 | 0.026 | | 7.2 | 7.35 | 33 | 101 | <0.01 | 1310 | 5.7 | 4400 | 21 | 725 | 143 | 152 | 21400 | 0.044 |
| GWA6 | 09-Feb-2024 | 1257 | <0.01 | 0.04 | 0.002 | 0.046 | 575 | 178 | <1 | 314 | 3770 | <0.001 | | 0.97 | 7.8 | 15 | <1 | 2.54 | 1.24 | <0.001 | 215 | 0.232 | 0.001 | 0.003 | | 7.2 | 7.26 | 28 | 121 | <0.01 | 474 | 1.69 | 1210 | 21.5 | 575 | 45.5 | 47.9 | 3890 | <0.005 |
| GWA7 | 09-Feb-2024 | 1215 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA8 | 21-Feb-2024 | 1440 | <0.01 | 14.4 | 0.003 | 0.142 | 309 | 82 | <1 | 231 | 1780 | 0.018 | | 1.65 | 5.9 | 30 | <1 | 3.71 | 11.9 | 0.015 | 75 | 8.33 | 0.001 | 0.032 | | 7.1 | 7.19 | 11 | 97.5 | <0.01 | 211 | 0.864 | 270 | 20 | 309 | 18.3 | 19.7 | 1220 | 0.051 |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWC1 | 08-Feb-2024 | 1329 | <0.01 | 0.04 | <0.001 | 0.035 | 298 | 78 | <1 | 327 | 1980 | <0.001 | | 9.48 | 8 | 13 | <1 | 0.46 | 0.08 | <0.001 | 64 | 1.43 | <0.001 | 0.005 | | 7 | 7.07 | 16 | 124 | <0.01 | 279 | 0.768 | 304 | 17 | 298 | 21.5 | 21.7 | 1360 | <0.005 |
| GWC2 | 15-Feb-2024 | 1445 | <0.01 | 0.02 | <0.001 | 0.338 | 515 | 62 | <1 | 105 | 1230 | <0.001 | | 3.77 | 6.4 | 14 | <1 | 3.22 | 2.01 | <0.001 | 27 | 0.115 | <0.001 | 0.001 | | 7.2 | 7.21 | 26 | 118 | <0.01 | 190 | 0.581 | 5 | 20.5 | 515 | 13.4 | 14.2 | 964 | <0.005 |
| GWC3 | 09-Feb-2024 | 1317 | <0.01 | 0.01 | <0.001 | 0.018 | 568 | 129 | <1 | 306 | 3220 | <0.001 | | 1.52 | 7.8 | 19 | <1 | 0.05 | 0.17 | <0.001 | 128 | 0.338 | 0.004 | 0.07 | | 7 | 7.1 | 39 | 131 | <0.01 | 454 | 1.19 | 850 | 20.5 | 568 | 37.7 | 37.7 | 2620 | <0.005 |
| GWC4 | 09-Feb-2024 | 1130 | <0.01 | <0.01 | <0.001 | 0.036 | 638 | 177 | <1 | 301 | 2330 | 0.001 | | 13.53 | 7.9 | 62 | <1 | 0.1 | 3.56 | <0.001 | 82 | 0.035 | <0.001 | <0.001 | | 6.6 | 6.67 | 51 | 140 | <0.01 | 221 | 1.85 | 250 | 21 | 638 | 26.4 | 26.5 | 1680 | 0.006 |
| GWC5 | 21-Feb-2024 | 1404 | <0.01 | 0.01 | <0.001 | 0.13 | 2130 | 284 | <1 | 481 | 5350 | <0.001 | | 5.28 | 5.3 | 362 | <1 | 2.7 | 0.2 | <0.001 | 148 | 0.942 | <0.001 | 0.021 | | 6.5 | 6.53 | 93 | 112 | <0.01 | 911 | 7.42 | 415 | 19.5 | 2130 | 64.8 | 68.4 | 3640 | 0.016 |
| GWA10 | 22-Feb-2024 | 1320 | <0.01 | 0.58 | 0.003 | 0.036 | 355 | 120 | <1 | 474 | 2950 | 0.008 | 22/02/2024 | 3.44 | 7.3 | 21 | <1 | 0.76 | 2.32 | <0.001 | 102 | 1.25 | <0.001 | 0.004 | | 7.1 | 7.01 | 1 | 117 | <0.01 | 387 | 0.889 | 495 | 21 | 355 | 30.8 | 31.2 | 2100 | <0.005 |
| GWC10 | 22-Feb-2024 | 1348 | | <0.01 | <0.001 | 0.039 | 348 | 236 | <1 | 371 | 3820 | <0.001 | 22/02/2024 | 3.46 | 7.9 | 32 | <1 | 3.57 | 1.33 | <0.001 | 126 | 0.232 | <0.001 | 0.001 | | 6.9 | 6.79 | 33 | 125 | <0.01 | 503 | 2.13 | 1170 | 22 | 348 | 41.8 | 44.9 | 3060 | <0.005 |
| GWA11 | 22-Feb-2024 | 1207 | <0.01 | 4.38 | 0.001 | 0.048 | 436 | 38 | <1 | 82 | 1330 | 0.006 | | 3.54 | 7.7 | 11 | <1 | 4.8 | 4.05 | 0.003 | 32 | 0.229 | <0.001 | 0.009 | | 7.5 | 7.45 | 28 | 114 | <0.01 | 200 | 0.487 | 79 | 20.5 | 436 | 12.7 | 13.9 | 834 | 0.009 |
| GWC11 | 22-Feb-2024 | 1245 | | 0.1 | <0.001 | 0.023 | 215 | 76 | <1 | 244 | 2150 | <0.001 | 22/02/2024 | 7.73 | 6.9 | 64 | <1 | 2.83 | 7.94 | <0.001 | 68 | 1.08 | <0.001 | 0.004 | | 6.4 | 6.24 | 22 | 11.9 | <0.01 | 300 | 0.632 | 507 | 19 | 215 | 21.7 | 23 | 1470 | 0.011 |
| GWA12 | 15-Feb-2024 | 1419 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC12 | 15-Feb-2024 | 1409 | | 0.05 | <0.001 | 0.068 | 697 | 105 | <1 | 185 | 2550 | 0.004 | 15/02/2024 | 7.57 | 7.3 | 16 | <1 | 0.24 | 1.37 | <0.001 | 51 | 0.24 | <0.001 | 0.002 | | 7.5 | 7.44 | 26 | 119 | <0.01 | 436 | 0.96 | 470 | 19.5 | 697 | 28.9 | 29.1 | 1980 | <0.005 |
| GWA14 | 15-Feb-2024 | 1324 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC14 | 15-Feb-2024 | 1316 | | 0.02 | <0.001 | 0.029 | 431 | 262 | <1 | 225 | 3390 | <0.001 | 15/02/2024 | 3.09 | 7 | 13 | <1 | 5.72 | 1.86 | <0.001 | 119 | 0.204 | 0.002 | 0.016 | | 7.4 | 7.3 | 34 | 125 | <0.01 | 397 | 2.05 | 1490 | 20 | 431 | 46 | 41 | 2940 | 0.005 |
| GWA15 | 15-Feb-2024 | 1247 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC15 | 15-Feb-2024 | 1233 | | 0.04 | <0.001 | 0.046 | 479 | 303 | <1 | 286 | 3810 | 0.002 | 15/02/2024 | 4.31 | 6.7 | 21 | <1 | 5.74 | 1.53 | <0.001 | 145 | 0.181 | <0.001 | 0.02 | | 7 | 7.02 | 39 | 127 | <0.01 | 442 | 2.91 | 1700 | 18.5 | 479 | 53 | 47.3 | 3580 | 0.006 |
| GWC33 | 08-Feb-2024 | 1119 | | | | | | | | | | | 08/02/2024 | Dry | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| GWC26 | 22-Feb-2024 | 1044 | | 0.07 | <0.001 | 0.209 | 500 | 30 | <1 | 142 | 1500 | 0.007 | | 52.8 | 6.8 | 21 | <1 | 5.45 | 0.65 | <0.001 | 17 | 0.05 | <0.001 | <0.001 | | 7.2 | 7.11 | 17 | 43 | <0.01 | 294 | 0.356 | 22 | 21 | 500 | 14.4 | 16.1 | 895 | <0.005 |
| GWA16 | 08-Feb-2024 | 1236 | | | | | | | | | | | | 3.03 | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC16 | 08-Feb-2024 | 1205 | | 0.1 | <0.001 | 0.108 | 655 | 70 | <1 | 273 | 2160 | <0.001 | 08/02/2024 | 30.96 | 8.4 | 15 | <1 | 0.64 | 0.65 | 0.001 | 36 | 0.026 | <0.001 | <0.001 | | 7.2 | 7.23 | 21 | 135 | <0.01 | 366 | 0.697 | 88 | 20.5 | 655 | 22.6 | 22.9 | 1470 | <0.005 |
| GWC30 | 21-Feb-2024 | 1316 | | 0.21 | <0.001 | 0.066 | 500 | 209 | <1 | 532 | 3060 | 0.052 | 21/02/2024 | 30.48 | 6.6 | 69 | <1 | 0.53 | 4.98 | 0.002 | 142 | 0.242 | <0.001 | 0.003 | | 6.7 | 6.67 | 47 | 105 | <0.01 | 177 | 2.35 | 305 | 21.5 | 500 | 31.3 | 31 | 2350 | 0.038 |
| GWC31 | 21-Feb-2024 | 1336 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc37 | 21-Feb-2024 | 1222 | | 0.63 | 0.034 | 0.036 | 163 | 120 | <1 | 185 | 2460 | 0.005 | | 25 | 6.3 | 82 | <1 | 2.18 | 9.39 | 0.002 | 103 | 1.27 | 0.002 | 0.01 | | 6.2 | 6.3 | 49 | -3.7 | <0.01 | 244 | 1.46 | 914 | 21 | 163 | 27.5 | 26.3 | 1860 | 0.042 |
| GWC27 | 21-Feb-2024 | 1027 | | 0.67 | 0.004 | 0.06 | <1 | 17 | <1 | 305 | 1610 | 0.079 | 21/02/2024 | 15.34 | 6.6 | <1 | <1 | 1.65 | 2.06 | 0.007 | 28 | 2.92 | <0.001 | 0.03 | | 4 | 4.09 | 32 | 363 | <0.01 | 220 | 0.126 | 259 | 19.5 | <1 | 14 | 13.5 | 1050 | 0.373 |
| GWA32 | 22-Feb-2024 | 1430 | | 0.01 | <0.001 | 0.036 | 546 | 114 | <1 | 639 | 3380 | 0.008 | 22/02/2024 | 2.69 | 7.4 | 20 | <1 | 1.83 | <0.05 | <0.001 | 146 | 0.408 | 0.005 | 0.003 | | 7.3 | 7.08 | 22 | 23.1 | <0.01 | 419 | 1.6 | 300 | 21.5 | 546 | 35.2 | 36.5 | 2230 | <0.005 |
| GWC32 | 22-Feb-2024 | 1504 | | <0.01 | <0.001 | 0.032 | 1200 | 148 | <1 | 323 | 3490 | 0.002 | | 3.65 | 6.9 | 204 | <1 | 4.39 | 1.62 | <0.001 | 110 | 0.064 | <0.001 | <0.001 | | 6.6 | 6.42 | 46 | 66.9 | <0.01 | 563 | 4.29 | 263 | 20 | 1200 | 38.6 | 42.1 | 2340 | <0.005 |
| GWA34 | 09-Feb-2024 | 1027 | | 1.46 | <0.001 | 0.028 | 234 | 167 | <1 | 351 | 2930 | 0.018 | 09/02/2024 | 3.85 | 8.6 | 24 | <1 | 1.46 | 0.5 | <0.001 | 194 | 0.066 | 0.002 | 0.064 | | 6.5 | 6.65 | 4 | 141 | <0.01 | 237 | 1.3 | 919 | 20 | 234 | 33.7 | 34.7 | 2720 | 0.102 |
| GWC34 | 09-Feb-2024 | 1051 | | 0.15 | <0.001 | 0.08 | 1560 | 83 | <1 | 224 | 3990 | 0.016 | | 19.85 | 7.7 | 53 | <1 | 0.46 | 0.68 | 0.006 | 64 | 0.154 | 0.001 | 0.074 | | 7 | 7.04 | 19 | 144 | <0.01 | 856 | 5.2 | 484 | 19.5 | 1560 | 47.6 | 47.1 | 3140 | 0.044 |
| GWa36 | 08-Feb-2024 | 1355 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc36 | 08-Feb-2024 | 1408 | | 0.02 | 0.001 | 0.022 | 287 | 150 | <1 | 332 | 3680 | <0.001 | | 9.58 | 7 | 42 | <1 | 0.14 | 31 | <0.001 | 158 | 2.34 | 0.002 | 0.012 | | 6.5 | 6.57 | 36 | -12.1 | <0.01 | 484 | 1.22 | 1320 | 19 | 287 | 42.6 | 42.5 | 3480 | 0.034 |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWC25 | 28-Feb-2024 | 1246 | | 0.42 | 0.001 | 0.135 | 227 | 35 | <1 | 250 | 1360 | 0.04 | 28/02/2024 | 25.73 | 6.5 | 81 | <1 | 1.11 | 0.95 | 0.005 | 57 | 0.392 | <0.001 | 0.019 | | 6.5 | 6.46 | 9 | 152 | <0.01 | 169 | 0.52 | 102 | 21 | 227 | 13.7 | 14 | 810 | 0.006 |
| PZ13 | 08-Feb-2024 | 1247 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| PZ20 | 28-Feb-2024 | 1044 | | 2.94 | 0.002 | 0.041 | 314 | 24 | <1 | 26 | 840 | 0.007 | | 2.12 | 6.2 | 16 | <1 | 2.39 | 2.12 | 0.003 | 33 | 1.07 | 0.001 | 0.01 | | 7.4 | 7.43 | 19 | 160 | <0.01 | 109 | 0.359 | 82 | 22.5 | 314 | 8.71 | 9.14 | 694 | 0.017 |
| PZ21 | 28-Feb-2024 | 1121 | | 2.56 | 0.003 | 0.02 | 317 | 19 | <1 | 16 | 811 | 0.006 | | 3.51 | 6 | 9 | <1 | 7.91 | 1.4 | 0.001 | 16 | 0.354 | 0.002 | 0.006 | | 7.7 | 7.72 | 8 | 137 | <0.01 | 158 | 0.211 | 57 | 21 | 317 | 7.97 | 9.34 | 557 | 0.012 |
| PZ26 | 28-Feb-2024 | 1012 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF1 | 28-Feb-2024 | 1203 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWF2 | 28-Feb-2024 | 1500 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF3 | 28-Feb-2024 | 1326 | | 0.69 | 0.001 | 0.103 | 641 | 236 | <1 | 400 | 4360 | 0.01 | | 18.93 | 6 | 125 | <1 | 6.95 | 2.27 | 0.005 | 352 | 1.82 | 0.002 | 0.015 | | 6.7 | 6.72 | 46 | 159 | <0.01 | 432 | 2.27 | 1380 | 23.5 | 641 | 52.8 | 60.7 | 3830 | 0.096 |
| GWF4 | 28-Feb-2024 | 1140 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF5 | 28-Feb-2024 | 1002 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF7 | 28-Feb-2024 | 1500 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Barologger Office | 28-Feb-2024 | 1359 | | | | | | | | | | | 28/02/2024 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWA1 | 08-Mar-2024 | 1255 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWA2 | 29-Feb-2024 | 1104 | <0.01 | 2.8 | 0.004 | 0.051 | 86 | 25 | <1 | 148 | 918 | 0.001 | | 3.21 | 7.5 | 15 | <1 | 1.27 | 6.2 | 0.003 | 33 | 0.736 | <0.001 | 0.006 | | 6.6 | 6.51 | 8 | 243 | <0.01 | 110 | 0.249 | 158 | 21.5 | 86 | 9.18 | 8.95 | 628 | <0.005 |
| GWA3 | 11-Mar-2024 | 1240 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA4 | 11-Mar-2024 | 1005 | <0.01 | 0.08 | 0.006 | 0.073 | 429 | 88 | <1 | 237 | 1750 | <0.001 | | 2.53 | 6.8 | 18 | <1 | 0.9 | 4.09 | <0.001 | 59 | 0.424 | <0.001 | 0.012 | | 6.9 | 6.96 | 19 | 32.8 | <0.01 | 188 | 0.744 | 143 | 20 | 429 | 18.2 | 17.9 | 934 | <0.005 |
| GWA5 | 29-Feb-2024 | 1410 | <0.01 | 0.26 | 0.001 | 0.077 | 715 | 604 | <1 | 1700 | 11500 | <0.001 | | 2.08 | 7.3 | 22 | <1 | 0.98 | 0.36 | <0.001 | 813 | 0.388 | 0.006 | 0.026 | | 7.3 | 7.25 | 35 | 108 | <0.01 | 1360 | 5.82 | 4410 | 23 | 715 | 154 | 157 | 12200 | 0.036 |
| GWA6 | 15-Mar-2024 | 1207 | <0.01 | 0.22 | 0.003 | 0.044 | 604 | 180 | <1 | 327 | 3910 | <0.001 | | 1.2 | 6.7 | 21 | <1 | 1.02 | 1.61 | 0.001 | 221 | 0.248 | <0.001 | 0.003 | | 7.2 | 7.39 | 26 | 135 | <0.01 | 485 | 1.85 | 1280 | 20 | 604 | 47.9 | 48.9 | 2860 | 0.013 |
| GWA7 | 29-Feb-2024 | 1224 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA8 | 15-Mar-2024 | 1301 | <0.01 | 1.81 | 0.001 | 0.075 | 338 | 77 | <1 | 213 | 1710 | 0.008 | | 1.65 | 6.6 | 23 | <1 | 0.45 | 2.22 | 0.009 | 70 | 11 | <0.001 | 0.015 | | 7.1 | 7.19 | 9 | 145 | <0.01 | 196 | 0.796 | 261 | 19.5 | 338 | 18.2 | 18.4 | 940 | 0.019 |
| GWC1 | 29-Feb-2024 | 1037 | <0.01 | <0.01 | <0.001 | 0.048 | 367 | 121 | <1 | 475 | 2750 | <0.001 | | 9.67 | 7.3 | 16 | <1 | 0.17 | <0.05 | <0.001 | 85 | 1.18 | <0.001 | 0.005 | | 7.1 | 6.98 | 21 | 106 | <0.01 | 367 | 1.14 | 418 | 19 | 367 | 29.4 | 29.5 | 2030 | <0.005 |
| GWC2 | 11-Mar-2024 | 1252 | <0.01 | 0.01 | 0.001 | 0.333 | 519 | 60 | <1 | 124 | 1280 | <0.001 | | 3.95 | 6.9 | 10 | <1 | 2.39 | 1.78 | <0.001 | 26 | 0.112 | <0.001 | 0.002 | | 7.3 | 7.4 | 25 | 22.1 | <0.01 | 173 | 0.582 | 4 | 21.5 | 519 | 14 | 13.3 | 718 | <0.005 |
| GWC3 | 15-Mar-2024 | 1225 | <0.01 | 0.02 | <0.001 | 0.019 | 602 | 137 | <1 | 311 | 3390 | <0.001 | | 1.7 | 7 | 26 | <1 | 0.4 | 0.56 | <0.001 | 132 | 0.379 | 0.004 | 0.073 | | 7.1 | 7.28 | 37 | 131 | <0.01 | 475 | 1.29 | 904 | 20 | 602 | 39.6 | 39.3 | 2280 | 0.007 |
| GWC4 | 29-Feb-2024 | 1314 | <0.01 | 0.02 | <0.001 | 0.032 | 574 | 188 | <1 | 362 | 2450 | <0.001 | | 13.5 | 7 | 47 | <1 | 1.85 | 2.74 | <0.001 | 85 | 0.053 | <0.001 | <0.001 | | 6.6 | 6.57 | 51 | 128 | <0.01 | 224 | 1.78 | 228 | 23 | 574 | 26.4 | 27.4 | 1690 | <0.005 |
| GWC5 | 18-Mar-2024 | 1116 | <0.01 | <0.01 | <0.001 | 0.135 | 2190 | 371 | <1 | 494 | 5400 | <0.001 | | 5.3 | 5.1 | 761 | <1 | 6.11 | 0.3 | <0.001 | 152 | 1.2 | <0.001 | 0.019 | | 6.5 | 6.65 | 86 | 59.9 | <0.01 | 939 | 6.52 | 377 | 18 | 2190 | 65.5 | 74.1 | 3440 | <0.005 |
| GWA10 | 15-Mar-2024 | 1051 | <0.01 | 0.4 | 0.003 | 0.037 | 404 | 122 | <1 | 465 | 2960 | 0.009 | 15/03/2024 | 3.6 | 6.6 | 21 | <1 | 1.72 | 2.28 | <0.001 | 108 | 1.47 | <0.001 | 0.004 | | 7 | 7.22 | 1 | 128 | <0.01 | 402 | 0.964 | 490 | 20 | 404 | 31.4 | 32.5 | 1880 | 0.005 |
| GWC10 | 15-Mar-2024 | 1122 | | 0.02 | <0.001 | 0.041 | 392 | 220 | <1 | 365 | 3830 | 0.003 | 15/03/2024 | 3.14 | 6.8 | 33 | <1 | 1.47 | 2.54 | <0.001 | 127 | 0.257 | <0.001 | 0.004 | | 6.9 | 7.02 | 36 | 140 | <0.01 | 502 | 2.28 | 1190 | 19.5 | 392 | 42.9 | 44.2 | 2760 | 0.007 |
| GWA11 | 15-Mar-2024 | 956 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC11 | 15-Mar-2024 | 1017 | | 0.1 | <0.001 | 0.024 | 239 | 67 | <1 | 251 | 2130 | <0.001 | 15/03/2024 | 7.96 | 6.9 | 55 | <1 | 0.76 | 9.61 | <0.001 | 67 | 1.28 | 0.001 | 0.006 | | 6.4 | 6.58 | 23 | 137 | <0.01 | 304 | 0.699 | 503 | 17.5 | 239 | 22.3 | 22.7 | 1350 | 0.018 |
| GWA12 | 11-Mar-2024 | 1214 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWC12 | 11-Mar-2024 | 1208 | | 0.02 | <0.001 | 0.063 | 704 | 100 | <1 | 196 | 2660 | 0.002 | 11/03/2024 | 8 | 7.1 | 11 | <1 | 0.43 | 0.92 | <0.001 | 51 | 0.23 | 0.001 | <0.001 | | 7.5 | 7.6 | 29 | 70.2 | <0.01 | 449 | 0.915 | 486 | 19 | 704 | 29.7 | 29.4 | 1770 | <0.005 |
| GWA14 | 11-Mar-2024 | 1133 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC14 | 11-Mar-2024 | 1130 | | 0.02 | <0.001 | 0.035 | 444 | 260 | <1 | 254 | 3550 | 0.002 | 11/03/2024 | 3.45 | 6.6 | 9 | <1 | 2.26 | 1.92 | <0.001 | 121 | 0.199 | 0.002 | 0.012 | | 7.4 | 7.58 | 38 | 68.1 | <0.01 | 397 | 1.84 | 1120 | 20.5 | 444 | 39.4 | 41.2 | 2750 | <0.005 |
| GWA15 | 11-Mar-2024 | 1031 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC15 | 11-Mar-2024 | 1047 | | 0.02 | <0.001 | 0.046 | 493 | 306 | <1 | 289 | 3860 | 0.002 | 11/03/2024 | 4.55 | 7 | 16 | <1 | 10 | 1.37 | <0.001 | 137 | 0.159 | <0.001 | 0.004 | | 7 | 7.24 | 41 | 71 | <0.01 | 442 | 2.52 | 973 | 19.5 | 493 | 38.3 | 46.8 | 3050 | <0.005 |
| GWC33 | 08-Mar-2024 | 1411 | | | | | | | | | | | 08/03/2024 | Dry | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| GWC26 | 08-Mar-2024 | 1231 | | 0.03 | <0.001 | 0.213 | 566 | 30 | <1 | 153 | 1500 | 0.006 | 08/03/2024 | 52.79 | 6.7 | 10 | <1 | 1.71 | 0.56 | <0.001 | 21 | 0.018 | 0.001 | <0.001 | | 7.3 | 7.22 | 17 | 39.1 | <0.01 | 298 | 0.402 | 21 | 22 | 566 | 16.1 | 16.6 | 832 | <0.005 |
| GWA16 | 08-Mar-2024 | 1123 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC16 | 08-Mar-2024 | 1101 | | 0.06 | <0.001 | 0.113 | 660 | 56 | <1 | 332 | 2430 | 0.002 | 08/03/2024 | 30.77 | 6.7 | 14 | <1 | 0.99 | 2.41 | 0.001 | 42 | 0.043 | <0.001 | <0.001 | | 7.2 | 7.03 | 24 | 65.5 | <0.01 | 404 | 0.916 | 114 | 22 | 660 | 24.9 | 24.4 | 1140 | 0.005 |
| GWC30 | 18-Mar-2024 | 1310 | | 0.19 | <0.001 | 0.054 | 575 | 230 | <1 | 566 | 3080 | 0.025 | 18/03/2024 | 30.1 | 6.4 | 32 | <1 | 0.41 | 1.18 | <0.001 | 154 | 0.22 | <0.001 | 0.003 | | 6.7 | 6.77 | 52 | 65.1 | <0.01 | 184 | 2.37 | 303 | 20 | 575 | 33.8 | 33.5 | 2040 | 0.013 |
| GWC31 | 18-Mar-2024 | 1332 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc37 | 18-Mar-2024 | 1404 | | 0.58 | 0.027 | 0.033 | 187 | 127 | <1 | 173 | 2460 | <0.001 | | 24.98 | 6 | 34 | <1 | 1.64 | 5.57 | 0.001 | 108 | 1.2 | 0.001 | 0.011 | | 6.2 | 6.39 | 51 | 70.1 | <0.01 | 249 | 1.42 | 858 | 21 | 187 | 26.5 | 27.4 | 1730 | 0.037 |
| GWC27 | 18-Mar-2024 | 1450 | | 0.6 | 0.002 | 0.043 | <1 | 18 | <1 | 310 | 1610 | 0.046 | 18/03/2024 | 15.4 | 6.6 | <1 | <1 | 0.97 | 1.38 | 0.005 | 30 | 2.97 | <0.001 | 0.032 | | 4 | 4.23 | 36 | 325 | 0.01 | 225 | 0.157 | 243 | 19.5 | <1 | 13.8 | 14.1 | 947 | 0.375 |
| GWA32 | 18-Mar-2024 | 1006 | | 0.01 | <0.001 | 0.04 | 611 | 115 | <1 | 600 | 3350 | <0.001 | 18/03/2024 | 1.95 | 6.3 | 12 | <1 | 1 | <0.05 | <0.001 | 145 | 0.587 | 0.004 | 0.003 | | 7.2 | 7.33 | 22 | 105 | <0.01 | 412 | 1.67 | 303 | 19 | 611 | 35.4 | 36.2 | 1950 | <0.005 |
| GWC32 | 18-Mar-2024 | 1047 | | 0.04 | <0.001 | 0.038 | 1360 | 166 | <1 | 310 | 3520 | <0.001 | 18/03/2024 | 3.78 | 5.4 | 92 | <1 | 1.27 | 1.7 | <0.001 | 112 | 0.114 | <0.001 | <0.001 | | 6.5 | 6.76 | 49 | 106 | <0.01 | 544 | 4.59 | 261 | 18 | 1360 | 41.4 | 42.4 | 2160 | <0.005 |
| GWA34 | 18-Mar-2024 | 1216 | | 1.9 | <0.001 | 0.028 | 286 | 182 | <1 | 370 | 3150 | 0.027 | 18/03/2024 | 3.86 | 7.8 | 13 | <1 | 4.05 | 0.89 | <0.001 | 201 | 0.059 | 0.002 | 0.045 | | 6.6 | 6.86 | 6 | 129 | 0.01 | 258 | 1.51 | 863 | 20.5 | 286 | 34.1 | 37 | 2400 | 0.063 |
| GWC34 | 18-Mar-2024 | 1216 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWa36 | 29-Feb-2024 | 1134 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc36 | 29-Feb-2024 | 1146 | | 0.16 | <0.001 | 0.022 | 258 | 160 | <1 | 370 | 3900 | <0.001 | | 9.41 | 6.6 | 44 | <1 | 3.09 | 20.1 | <0.001 | 154 | 2.02 | 0.002 | 0.012 | | 6.6 | 6.45 | 37 | -20.6 | <0.01 | 516 | 1.25 | 1240 | 21 | 258 | 41.4 | 44 | 3440 | 0.022 |
| GWC25 | 27-Mar-2024 | 1212 | | 0.22 | <0.001 | 0.105 | 260 | 39 | <1 | 240 | 1360 | 0.046 | 27/03/2024 | 25.92 | 8.8 | 26 | <1 | 0.06 | 0.35 | 0.001 | 56 | 0.073 | <0.001 | 0.017 | | 6.7 | 7.31 | 8 | 134 | <0.01 | 167 | 0.447 | 98 | 20 | 260 | 14 | 14 | 730 | <0.005 |
| PZ13 | 11-Mar-2024 | 1322 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| PZ20 | 27-Mar-2024 | 1026 | | 1.94 | 0.001 | 0.036 | 446 | 39 | <1 | 30 | 996 | 0.006 | | 2.32 | 7 | 11 | <1 | 1.7 | 1.34 | <0.001 | 43 | 0.668 | <0.001 | 0.005 | | 7.4 | 7.95 | 19 | 112 | <0.01 | 124 | 0.396 | 59 | 21 | 446 | 11 | 11.4 | 539 | 0.011 |
| PZ21 | 27-Mar-2024 | 1100 | | 1.63 | 0.002 | 0.02 | 375 | 18 | <1 | 20 | 837 | 0.004 | | 3.74 | 7 | 6 | <1 | 3.79 | 1.36 | 0.002 | 17 | 0.449 | 0.002 | 0.006 | | 7.6 | 8.17 | 8 | 96.9 | <0.01 | 164 | 0.194 | 42 | 20 | 375 | 8.93 | 9.64 | 538 | 0.014 |
| PZ26 | 27-Mar-2024 | 955 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF1 | 27-Mar-2024 | 1300 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF2 | 27-Mar-2024 | 1300 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF3 | 27-Mar-2024 | 1253 | | 0.42 | <0.001 | 0.086 | 701 | 220 | <1 | 468 | 4490 | 0.005 | | 19.26 | 7.5 | 61 | <1 | 0.32 | 1.12 | 0.003 | 318 | 1.8 | 0.001 | 0.012 | | 6.6 | 7.02 | 40 | 120 | <0.01 | 424 | 1.98 | 1430 | 22 | 701 | 57 | 56.6 | 3530 | 0.036 |
| GWF4 | 27-Mar-2024 | 1300 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF5 | 27-Mar-2024 | 942 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWF7 | 27-Mar-2024 | 1300 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Barologger Office | 27-Mar-2024 | 1324 | | | | | | | | | | | 27/03/2024 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWA1 | 10-Apr-2024 | 1121 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWA2 | 05-Apr-2024 | 1422 | <0.01 | 0.22 | 0.002 | 0.041 | 109 | 25 | <1 | 116 | 862 | <0.001 | | 3.43 | 7 | 16 | <1 | 1.21 | 2.28 | <0.001 | 28 | 0.486 | <0.001 | 0.002 | | 6.5 | 6.58 | 8 | 180 | <0.01 | 106 | 0.252 | 150 | 18.5 | 109 | 8.57 | 8.37 | 569 | <0.005 |
| GWA3 | 19-Apr-2024 | 1248 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA4 | 19-Apr-2024 | 1004 | <0.01 | 0.11 | 0.008 | 0.054 | 427 | 79 | <1 | 188 | 1660 | 0.002 | | 2.52 | 6.8 | 9 | <1 | 3.43 | 4.91 | <0.001 | 53 | 0.38 | <0.001 | 0.01 | | 6.9 | 7.06 | 20 | 167 | <0.01 | 164 | 0.681 | 156 | 20 | 427 | 17.1 | 15.9 | 914 | 0.006 |
| GWA5 | 10-Apr-2024 | 1601 | <0.01 | 0.07 | 0.002 | 0.046 | 779 | 590 | <1 | 1560 | 12000 | <0.001 | | 2.17 | 7.1 | 24 | <1 | 2.77 | 0.34 | <0.001 | 860 | 0.406 | 0.011 | 0.032 | | 7.3 | 7.38 | 36 | 149 | <0.01 | 1490 | 5.68 | 4680 | 20 | 779 | 157 | 166 | 10800 | 0.043 |
| GWA6 | 19-Apr-2024 | 1332 | <0.01 | 0.37 | 0.002 | 0.062 | 589 | 173 | <1 | 352 | 4270 | 0.002 | | 1.07 | 7.1 | 7 | <1 | 7.02 | 1.12 | <0.001 | 194 | 0.298 | <0.001 | 0.003 | | 7.3 | 7.44 | 23 | 145 | <0.01 | 478 | 1.71 | 1500 | 18 | 589 | 52.9 | 46 | 3260 | 0.006 |
| GWA7 | 10-Apr-2024 | 1400 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA8 | 16-Apr-2024 | 1405 | 0.01 | 15.5 | 0.003 | 0.119 | 317 | 68 | <1 | 204 | 1640 | 0.016 | | 1.46 | 6 | 10 | <1 | 0.67 | 11.9 | 0.012 | 71 | 9 | <0.001 | 0.028 | | 7.1 | 7.17 | 10 | 330 | 0.01 | 166 | 0.802 | 233 | 19 | 317 | 16.9 | 16.7 | 940 | 0.047 |
| GWC1 | 05-Apr-2024 | 1402 | <0.01 | <0.01 | <0.001 | 0.066 | 495 | 186 | <1 | 499 | 3220 | <0.001 | | 9.56 | 6.7 | 24 | <1 | 8.2 | <0.05 | <0.001 | 110 | 0.994 | <0.001 | 0.004 | | 7 | 7.03 | 27 | 191 | <0.01 | 484 | 1.51 | 482 | 16.5 | 495 | 34 | 40.1 | 1940 | <0.005 |
| GWC2 | 19-Apr-2024 | 1237 | <0.01 | <0.01 | <0.001 | 0.31 | 513 | 58 | <1 | 113 | 1270 | <0.001 | | 3.22 | 6.9 | 6 | <1 | 6.06 | 1.3 | <0.001 | 23 | 0.106 | <0.001 | <0.001 | | 7.2 | 7.39 | 26 | 172 | <0.01 | 150 | 0.551 | 4 | 20 | 513 | 13.5 | 12 | 694 | 0.005 |
| GWC3 | 19-Apr-2024 | 1401 | <0.01 | <0.01 | <0.001 | 0.021 | 588 | 132 | <1 | 269 | 3450 | <0.001 | | 1.66 | 7.6 | 9 | <1 | 3.31 | 0.16 | <0.001 | 118 | 0.41 | 0.004 | 0.094 | | 7.1 | 7.24 | 43 | 186 | <0.01 | 383 | 1.35 | 819 | 18.5 | 588 | 36.4 | 34 | 2360 | 0.006 |
| GWC4 | 10-Apr-2024 | 1447 | <0.01 | <0.01 | <0.001 | 0.053 | 641 | 186 | <1 | 322 | 2430 | <0.001 | | 13.49 | 7.2 | 69 | <1 | 1.69 | 3.19 | <0.001 | 81 | 0.043 | <0.001 | <0.001 | | 6.7 | 6.83 | 50 | 135 | <0.01 | 224 | 1.86 | 201 | 19.5 | 641 | 26.1 | 27 | 1450 | 0.005 |
| GWC5 | 16-Apr-2024 | 1332 | <0.01 | 0.02 | <0.001 | 0.134 | 2220 | 283 | <1 | 474 | 5310 | 0.004 | | 5.25 | 5 | 613 | <1 | 4.34 | 0.58 | 0.002 | 130 | 1 | <0.001 | 0.022 | | 6.5 | 6.63 | 95 | 337 | <0.01 | 768 | 8.18 | 405 | 19.5 | 2220 | 66.2 | 60.6 | 3490 | 0.022 |
| GWA10 | 23-Apr-2024 | 1145 | <0.01 | 0.18 | 0.003 | 0.036 | 406 | 122 | <1 | 458 | 2930 | 0.007 | 23/04/2024 | 3.52 | 6.8 | 7 | <1 | 4.2 | 1.41 | <0.001 | 93 | 1.24 | <0.001 | 0.005 | | 7.1 | 7.27 | 2 | 187 | <0.01 | 373 | 1.03 | 558 | 19.5 | 406 | 32.6 | 30 | 1940 | 0.006 |
| GWC10 | 23-Apr-2024 | 1222 | | 0.01 | <0.001 | 0.034 | 391 | 227 | <1 | 350 | 3790 | 0.002 | | 3.26 | 6.8 | 8 | <1 | 1.29 | 1.33 | <0.001 | 122 | 0.227 | <0.001 | 0.004 | | 6.9 | 7.12 | 34 | 185 | <0.01 | 468 | 1.88 | 1250 | 20.5 | 391 | 43.7 | 42.6 | 2870 | <0.005 |
| GWA11 | 23-Apr-2024 | 1054 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC11 | 23-Apr-2024 | 1116 | | 0.06 | <0.001 | 0.021 | 241 | 70 | <1 | 232 | 2090 | 0.001 | 23/04/2024 | 7.23 | 6.8 | 14 | <1 | 3.87 | 4.92 | <0.001 | 62 | 1.04 | <0.001 | 0.007 | | 6.5 | 6.68 | 20 | -8.7 | <0.01 | 264 | 0.561 | 523 | 18.5 | 241 | 22.2 | 20.6 | 1340 | 0.013 |
| GWA12 | 19-Apr-2024 | 1149 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC12 | 19-Apr-2024 | 1209 | | 0.03 | <0.001 | 0.069 | 672 | 103 | <1 | 171 | 2650 | 0.007 | 19/04/2024 | 7.2 | 7.1 | 8 | <1 | 0.7 | 0.73 | 0.002 | 53 | 0.225 | 0.002 | 0.004 | | 7.4 | 7.51 | 26 | 170 | <0.01 | 418 | 1.02 | 466 | 18 | 672 | 28 | 28.3 | 1730 | 0.009 |
| GWA14 | 19-Apr-2024 | 1137 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC14 | 19-Apr-2024 | 1130 | | 0.03 | <0.001 | 0.036 | 440 | 268 | <1 | 205 | 3540 | 0.005 | | 3.13 | 6.6 | 7 | <1 | 0.84 | 2.22 | 0.001 | 130 | 0.217 | 0.002 | 0.008 | | 7.4 | 7.5 | 39 | 82.3 | <0.01 | 402 | 2.31 | 1310 | 19.5 | 440 | 41.8 | 42.6 | 2750 | 0.006 |
| GWA15 | 19-Apr-2024 | 1028 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC15 | 19-Apr-2024 | 1051 | | 0.03 | <0.001 | 0.047 | 497 | 251 | <1 | 252 | 3750 | 0.002 | | 4.59 | 7 | 9 | <1 | 9.01 | 1.19 | <0.001 | 113 | 0.154 | <0.001 | 0.004 | | 7 | 7.13 | 35 | 144 | <0.01 | 368 | 2.88 | 1410 | 18.5 | 497 | 46.4 | 38.7 | 2910 | 0.006 |
| GWC33 | 05-Apr-2024 | 1202 | | | | | | | | | | | 05/04/2024 | Dry | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| GWC26 | 10-Apr-2024 | 1216 | | 0.16 | <0.001 | 0.264 | 568 | 24 | <1 | 143 | 1500 | 0.018 | 10/04/2024 | 53.04 | 7.5 | 15 | <1 | 3.03 | 0.81 | 0.002 | 15 | 0.039 | 0.001 | 0.002 | | 7.3 | 7.51 | 16 | 125 | <0.01 | 277 | 0.397 | 21 | 20 | 568 | 15.8 | 14.9 | 840 | 0.01 |
| GWA16 | 05-Apr-2024 | 1312 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC16 | 05-Apr-2024 | 1248 | | 0.1 | <0.001 | 0.127 | 663 | 83 | <1 | 354 | 2460 | 0.004 | 05/04/2024 | 30.78 | 6.6 | 22 | <1 | 1.79 | 2.72 | 0.003 | 41 | 0.042 | <0.001 | <0.001 | | 7.1 | 7.26 | 22 | 189 | <0.01 | 385 | 0.849 | 120 | 20 | 663 | 25.7 | 24.8 | 1450 | 0.011 |
| GWC30 | 16-Apr-2024 | 1154 | | 0.05 | <0.001 | 0.06 | 580 | 221 | <1 | 537 | 3040 | 0.082 | 16/04/2024 | 29.88 | 6.6 | 30 | <1 | 3.24 | 2.13 | <0.001 | 136 | 0.224 | 0.001 | 0.007 | | 6.8 | 6.93 | 50 | 224 | <0.01 | 170 | 2.4 | 299 | 20.5 | 580 | 33 | 30.9 | 2040 | 0.022 |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWC31 | 16-Apr-2024 | 1215 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWc37 | 16-Apr-2024 | 1104 | | 1.12 | 0.03 | 0.033 | 189 | 121 | <1 | 173 | 2420 | 0.013 | | 25.06 | 6.2 | 27 | <1 | 5.08 | 6.63 | 0.002 | 94 | 1.24 | 0.001 | 0.012 | | 6.3 | 6.47 | 53 | 52.8 | <0.01 | 228 | 1.4 | 916 | 21 | 189 | 27.7 | 25 | 1760 | 0.056 |
| GWC27 | 16-Apr-2024 | 1010 | | 0.53 | 0.002 | 0.047 | <1 | 20 | <1 | 304 | 1600 | 0.091 | 16/04/2024 | 15.55 | 6.5 | <1 | <1 | 1.52 | 1.28 | 0.005 | 34 | 2.85 | <0.001 | 0.032 | | 4.1 | 4.15 | 34 | 317 | <0.01 | 207 | 0.146 | 265 | 19 | <1 | 14.1 | 13.7 | 994 | 0.394 |
| GWA32 | 16-Apr-2024 | 1455 | | 0.01 | <0.001 | 0.053 | 607 | 139 | <1 | 691 | 3890 | 0.002 | 16/04/2024 | 1.9 | 6.1 | 12 | <1 | 1.75 | <0.05 | <0.001 | 164 | 0.212 | 0.003 | 0.002 | | 7.2 | 7.59 | 24 | 178 | <0.01 | 450 | 2.17 | 502 | 19.5 | 607 | 42.1 | 40.6 | 2560 | 0.006 |
| GWC32 | 16-Apr-2024 | 1521 | | 0.02 | <0.001 | 0.038 | 1370 | 154 | <1 | 297 | 3450 | 0.004 | 16/04/2024 | 3.74 | 5.8 | 114 | <1 | 4.92 | 1.43 | <0.001 | 96 | 0.089 | <0.001 | 0.001 | | 6.6 | 6.75 | 46 | 304 | <0.01 | 477 | 4.85 | 271 | 19.5 | 1370 | 41.4 | 37.5 | 2160 | 0.009 |
| GWA34 | 16-Apr-2024 | 1236 | | 1.92 | <0.001 | 0.029 | 272 | 173 | <1 | 356 | 3050 | 0.025 | 16/04/2024 | 3.82 | 7.6 | 14 | <1 | 0.98 | 0.52 | <0.001 | 174 | 0.066 | 0.002 | 0.056 | | 6.7 | 7.1 | 6 | 298 | <0.01 | 233 | 1.48 | 885 | 22 | 272 | 33.9 | 33.2 | 2370 | 0.09 |
| GWC34 | 16-Apr-2024 | 1254 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWa36 | 23-Apr-2024 | 953 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc36 | 23-Apr-2024 | 1005 | | 0.01 | <0.001 | 0.017 | 270 | 153 | <1 | 313 | 3820 | 0.001 | | 8.94 | 6.2 | 14 | <1 | 5.36 | 21 | <0.001 | 154 | 2.05 | 0.002 | 0.013 | | 6.4 | 6.63 | 40 | -27.2 | <0.01 | 474 | 1.06 | 1560 | 18.5 | 270 | 46.7 | 42 | 2930 | 0.021 |
| GWC25 | 29-Apr-2024 | 1045 | | 0.37 | <0.001 | 0.102 | 265 | 33 | <1 | 215 | 1340 | 0.055 | 29/04/2024 | 26.11 | 8.8 | 7 | <1 | 5.09 | 0.47 | 0.002 | 50 | 0.06 | <0.001 | 0.018 | | 6.8 | 6.82 | 8 | 260 | <0.01 | 154 | 0.492 | 128 | 20 | 265 | 14 | 12.7 | 680 | <0.005 |
| PZ13 | 05-Apr-2024 | 952 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| PZ20 | 29-Apr-2024 | 1245 | | 0.87 | 0.001 | 0.029 | 434 | 31 | <1 | 26 | 916 | 0.004 | | 2.48 | 7.4 | 5 | <1 | 3.86 | 1.01 | 0.001 | 38 | 0.292 | 0.001 | 0.004 | | 7.5 | 7.49 | 18 | 257 | <0.01 | 106 | 0.39 | 54 | 20 | 434 | 10.5 | 9.74 | 576 | 0.007 |
| PZ21 | 29-Apr-2024 | 1313 | | 1.78 | 0.002 | 0.024 | 362 | 20 | <1 | 19 | 806 | 0.005 | | 3.75 | 7.2 | 12 | <1 | 3.17 | 1.43 | 0.002 | 13 | 0.383 | 0.002 | 0.006 | | 7.7 | 7.68 | 8 | 241 | <0.01 | 141 | 0.222 | 57 | 20 | 362 | 8.96 | 8.4 | 498 | 0.013 |
| PZ26 | 29-Apr-2024 | 1220 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF1 | 29-Apr-2024 | 1154 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWF2 | 29-Apr-2024 | 1357 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF3 | 29-Apr-2024 | 1128 | | 1.14 | <0.001 | 0.102 | 715 | 225 | <1 | 422 | 4370 | 0.009 | | 19.01 | 6.7 | 28 | <1 | 7.68 | 2.62 | 0.004 | 294 | 2.02 | 0.002 | 0.012 | | 6.7 | 6.69 | 40 | 270 | <0.01 | 376 | 2.42 | 1700 | 21.5 | 715 | 61.6 | 52.8 | 3630 | 0.072 |
| GWF4 | 29-Apr-2024 | 1357 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF5 | 29-Apr-2024 | 1213 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF7 | 29-Apr-2024 | 1357 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Barologger Office | 29-Apr-2024 | 1356 | | | | | | | | | | | 29/04/2024 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWA1 | 01-May-2024 | 1152 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWA2 | 01-May-2024 | 1349 | <0.01 | 0.82 | 0.003 | 0.056 | 105 | 25 | <1 | 154 | 896 | 0.006 | | 3.48 | 7.3 | 14 | <1 | 6.05 | 4.08 | 0.003 | 32 | 0.553 | <0.001 | 0.005 | | 6.6 | 6.76 | 9 | 153 | <0.01 | 113 | 0.343 | 180 | 17.5 | 105 | 10.2 | 9.03 | 516 | 0.006 |
| GWA3 | 28-May-2024 | 1207 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA4 | 22-May-2024 | 1400 | <0.01 | 0.16 | 0.028 | 0.056 | 419 | 71 | <1 | 205 | 1460 | <0.001 | | 2.57 | 8.1 | 30 | <1 | 2.72 | 9.86 | <0.001 | 47 | 0.36 | <0.001 | 0.012 | | 6.9 | 7.22 | 19 | 155 | <0.01 | 176 | 0.498 | 109 | 18.5 | 419 | 16.4 | 15.6 | 780 | <0.005 |
| GWA5 | 08-May-2024 | 1518 | <0.01 | 0.2 | 0.002 | 0.054 | 768 | 700 | <1 | 1980 | 12400 | 0.003 | | 2.41 | 7.2 | 61 | <1 | 4.11 | 0.34 | <0.001 | 873 | 0.544 | 0.009 | 0.032 | | 7.2 | 7.29 | 44 | 172 | <0.01 | 1500 | 5.44 | 4240 | 18.5 | 768 | 159 | 173 | 11000 | 0.044 |
| GWA6 | 22-May-2024 | 1252 | <0.01 | 0.2 | 0.002 | 0.075 | 590 | 249 | <1 | 612 | 5050 | <0.001 | | 1.05 | 7.9 | 20 | <1 | 1.69 | 0.96 | <0.001 | 263 | 0.237 | 0.001 | 0.005 | | 7.3 | 7.6 | 20 | 145 | <0.01 | 642 | 1.96 | 1710 | 17 | 590 | 64.6 | 62.5 | 3950 | 0.007 |
| GWA7 | 08-May-2024 | 1253 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA8 | 16-May-2024 | 1334 | 0.01 | 1.11 | <0.001 | 0.03 | 298 | 78 | <1 | 225 | 1640 | 0.003 | | 1.39 | 8.3 | 8 | <1 | 1.18 | 0.92 | 0.003 | 67 | 1.71 | <0.001 | 0.005 | | 7.2 | 7.57 | 10 | 167 | <0.01 | 187 | 0.758 | 244 | 17.5 | 298 | 17.4 | 17.8 | 961 | 0.008 |
| GWC1 | 01-May-2024 | 1328 | <0.01 | 0.03 | <0.001 | 0.079 | 509 | 150 | <1 | 544 | 3190 | <0.001 | | 9.61 | 7.1 | 19 | <1 | 0.12 | 0.12 | <0.001 | 100 | 0.942 | <0.001 | 0.005 | | 7 | 7.19 | 26 | 184 | <0.01 | 446 | 1.68 | 489 | 16 | 509 | 35.7 | 35.8 | 2010 | <0.005 |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWC2 | 28-May-2024 | 1200 | <0.01 | 0.02 | <0.001 | 0.298 | 499 | 57 | <1 | 122 | 1220 | <0.001 | | 3.27 | 8.6 | 7 | <1 | 1.51 | 0.48 | <0.001 | 26 | 0.026 | <0.001 | 0.001 | | 7.6 | 7.69 | 27 | 252 | <0.01 | 171 | 0.565 | 5 | 20 | 499 | 13.5 | 13.1 | 700 | <0.005 |
| GWC3 | 22-May-2024 | 1320 | <0.01 | 0.02 | <0.001 | 0.023 | 588 | 176 | <1 | 366 | 3780 | 0.001 | | 2.23 | 6.8 | 27 | <1 | 0.48 | 3.64 | 0.004 | 172 | 0.574 | 0.004 | 0.124 | | 7.1 | 7.42 | 46 | 165 | <0.01 | 484 | 1.42 | 1130 | 19.5 | 588 | 45.6 | 45.2 | 2710 | 0.021 |
| GWC4 | 16-May-2024 | 1153 | 0.01 | 0.01 | <0.001 | 0.045 | 584 | 184 | <1 | 350 | 2420 | <0.001 | | 13.58 | 7.6 | 44 | <1 | 0.75 | 2.4 | <0.001 | 82 | 0.042 | <0.001 | <0.001 | | 6.6 | 7.01 | 55 | 154 | <0.01 | 214 | 1.9 | 226 | 19.5 | 584 | 26.2 | 26.6 | 1420 | <0.005 |
| GWC5 | 16-May-2024 | 1409 | 0.01 | 0.04 | 0.002 | 0.146 | 2010 | 314 | <1 | 526 | 5500 | 0.001 | | 5.29 | 5.3 | 483 | <1 | 5.93 | 14.4 | 0.009 | 156 | 1.09 | <0.001 | 0.02 | | 6.6 | 6.74 | 98 | 183 | <0.01 | 922 | 7 | 392 | 18.5 | 2010 | 63.2 | 71.1 | 3440 | 0.026 |
| GWA10 | 27-May-2024 | 1211 | <0.01 | 0.13 | 0.003 | 0.034 | 405 | 120 | <1 | 482 | 2960 | 0.008 | 27/05/2024 | 3.47 | 7.6 | 13 | <1 | 0.68 | 1.75 | <0.001 | 110 | 1.18 | <0.001 | 0.004 | | 7.1 | 7.26 | 1 | 261 | <0.01 | 383 | 0.941 | 503 | 18 | 405 | 32.2 | 31.7 | 1950 | <0.005 |
| GWC10 | 27-May-2024 | 1235 | | 0.01 | <0.001 | 0.041 | 392 | 241 | <1 | 385 | 3840 | 0.004 | 27/05/2024 | 2.3 | 9.4 | 7 | <1 | 8.94 | 0.79 | <0.001 | 141 | 0.184 | 0.001 | 0.004 | | 7.5 | 7.73 | 33 | 279 | <0.01 | 547 | 2.52 | 1040 | 17.5 | 392 | 40.3 | 48.3 | 2870 | <0.005 |
| GWA11 | 27-May-2024 | 1107 | <0.01 | 0.32 | <0.001 | 0.033 | 461 | 35 | <1 | 58 | 1160 | 0.014 | | 3.55 | 7.1 | 6 | <1 | 3.78 | 0.7 | <0.001 | 31 | 2.95 | <0.001 | 0.002 | | 7.5 | 7.69 | 12 | 250 | <0.01 | 192 | 0.445 | 56 | 18 | 461 | 12 | 13 | 708 | 0.007 |
| GWC11 | 27-May-2024 | 1145 | | 0.05 | <0.001 | 0.026 | 247 | 79 | <1 | 268 | 2200 | 0.002 | | 6.96 | 7.5 | 39 | <1 | 3.78 | 7.5 | <0.001 | 70 | 1.21 | <0.001 | 0.008 | | 6.4 | 6.62 | 21 | 11.2 | <0.01 | 332 | 0.713 | 499 | 18 | 247 | 22.9 | 24.7 | 1450 | 0.015 |
| GWA12 | 28-May-2024 | 1128 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC12 | 28-May-2024 | 1120 | | 0.02 | <0.001 | 0.067 | 688 | 124 | <1 | 212 | 2650 | 0.004 | | 7.42 | 7.4 | 12 | <1 | 5.7 | 0.84 | <0.001 | 56 | 0.266 | 0.002 | 0.003 | | 7.4 | 7.59 | 28 | 260 | <0.01 | 498 | 1.04 | 474 | 18 | 688 | 29.6 | 33.2 | 1780 | <0.005 |
| GWA14 | 22-May-2024 | 1508 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC14 | 22-May-2024 | 1500 | | 0.08 | <0.001 | 0.11 | 463 | 281 | <1 | 283 | 3590 | 0.011 | 22/05/2024 | 3.67 | 7.9 | 11 | <1 | 1.09 | 1.53 | <0.001 | 122 | 0.208 | 0.002 | 0.007 | | 7.5 | 7.91 | 36 | 159 | <0.01 | 408 | 1.82 | 1270 | 18.5 | 463 | 43.7 | 42.7 | 2640 | 0.012 |
| GWA15 | 22-May-2024 | 1442 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC15 | 22-May-2024 | 1430 | | 0.02 | <0.001 | 0.042 | 521 | 287 | <1 | 342 | 3710 | <0.001 | 22/05/2024 | 5.32 | 7.8 | 27 | <1 | 5.51 | 1.09 | <0.001 | 131 | 0.151 | <0.001 | 0.002 | | 7 | 7.38 | 39 | 183 | <0.01 | 430 | 2.28 | 964 | 17.5 | 521 | 40.1 | 44.8 | 2710 | 0.007 |
| GWC33 | 01-May-2024 | 1011 | | | | | | | | | | | 01/05/2024 | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC26 | 01-May-2024 | 1121 | | 0.06 | <0.001 | 0.221 | 588 | 20 | <1 | 122 | 1480 | 0.007 | 01/05/2024 | 53.51 | 7.9 | 11 | <1 | 1.02 | 0.41 | <0.001 | 13 | 0.032 | 0.001 | 0.001 | | 7.3 | 7.58 | 16 | 171 | <0.01 | 296 | 0.392 | 23 | 18.5 | 588 | 15.7 | 15.4 | 757 | 0.01 |
| GWA16 | 01-May-2024 | 1301 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC16 | 01-May-2024 | 1244 | | 0.09 | <0.001 | 0.132 | 673 | 77 | <1 | 328 | 2430 | 0.002 | | 30.72 | 7.5 | 19 | <1 | 0.64 | 1.58 | 0.002 | 40 | 0.041 | <0.001 | <0.001 | | 7.1 | 7.34 | 23 | 198 | <0.01 | 401 | 0.939 | 134 | 19 | 673 | 25.5 | 25.2 | 1440 | 0.006 |
| GWC30 | 22-May-2024 | 1150 | | 0.03 | <0.001 | 0.046 | 586 | 252 | <1 | 685 | 3120 | 0.056 | 22/05/2024 | 29.67 | 7.6 | 60 | <1 | 3.19 | 2.01 | <0.001 | 160 | 0.202 | <0.001 | 0.004 | | 6.7 | 6.89 | 47 | 193 | <0.01 | 189 | 2.26 | 310 | 19 | 586 | 37.5 | 35.2 | 2020 | 0.016 |
| GWC31 | 22-May-2024 | 1213 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc37 | 22-May-2024 | 1107 | | 0.21 | 0.033 | 0.025 | 186 | 131 | <1 | 211 | 2440 | 0.01 | | 25.08 | 7.4 | 65 | <1 | 0.22 | 8.42 | <0.001 | 108 | 1.18 | 0.001 | 0.01 | | 6.2 | 6.47 | 52 | 15.1 | <0.01 | 255 | 1.36 | 879 | 19.5 | 186 | 28 | 27.8 | 1780 | 0.04 |
| GWC27 | 22-May-2024 | 1014 | | 0.54 | 0.002 | 0.042 | <1 | 20 | <1 | 373 | 1580 | 0.094 | 22/05/2024 | 16.69 | 8.2 | <1 | <1 | 5.24 | 1.12 | 0.005 | 33 | 2.72 | <0.001 | 0.035 | | 4.2 | 4.48 | 33 | 377 | <0.01 | 232 | 0.164 | 276 | 18.5 | <1 | 16.3 | 14.6 | 880 | 0.403 |
| GWA32 | 16-May-2024 | 1243 | | <0.01 | <0.001 | 0.048 | 537 | 154 | <1 | 748 | 3890 | 0.002 | 16/05/2024 | 2.11 | 8 | 14 | <1 | 1.96 | <0.05 | <0.001 | 183 | 0.166 | 0.003 | 0.002 | | 7.2 | 7.65 | 22 | 170 | <0.01 | 475 | 1.9 | 502 | 17.5 | 537 | 42.3 | 44 | 2380 | <0.005 |
| GWC32 | 16-May-2024 | 1305 | | <0.01 | <0.001 | 0.035 | 1240 | 172 | <1 | 342 | 3510 | 0.002 | 16/05/2024 | 3.73 | 7.4 | 119 | <1 | 4.97 | 0.75 | <0.001 | 119 | 0.059 | <0.001 | <0.001 | | 6.6 | 6.85 | 47 | 214 | <0.01 | 561 | 4.37 | 259 | 18.5 | 1240 | 39.8 | 44 | 2110 | <0.005 |
| GWA34 | 16-May-2024 | 1452 | | 1.28 | <0.001 | 0.028 | 285 | 196 | <1 | 399 | 3120 | 0.014 | 16/05/2024 | 3.79 | 8.6 | 16 | <1 | 5.04 | 0.5 | <0.001 | 207 | 0.041 | 0.002 | 0.035 | | 6.8 | 6.8 | 6 | 185 | <0.01 | 260 | 1.37 | 848 | 20.5 | 285 | 34.6 | 38.3 | 2200 | 0.059 |
| GWC34 | 16-May-2024 | 1503 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWa36 | 27-May-2024 | 1305 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc36 | 27-May-2024 | 1316 | | 0.02 | <0.001 | 0.02 | 262 | 166 | <1 | 354 | 3890 | 0.001 | | 8.6 | 7.3 | 49 | <1 | 8 | 25.3 | <0.001 | 179 | 2.5 | 0.002 | 0.014 | | 6.5 | 6.63 | 38 | -8.5 | <0.01 | 556 | 1.43 | 1240 | 18.5 | 262 | 41 | 48.2 | 2880 | 0.024 |
| GWC25 | 29-May-2024 | 1013 | | 0.25 | <0.001 | 0.097 | 246 | 38 | <1 | 248 | 1350 | 0.062 | 29/05/2024 | 26.16 | 8.8 | 16 | <1 | 3.3 | 0.28 | 0.001 | 57 | 0.041 | <0.001 | 0.017 | | 6.8 | 6.84 | 8 | 207 | <0.01 | 186 | 0.437 | 97 | 18.5 | 246 | 13.9 | 14.9 | 747 | <0.005 |
| PZ13 | 01-May-2024 | 1416 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PZ20 | 29-May-2024 | 1223 | | 1.3 | <0.001 | 0.025 | 360 | 33 | <1 | 27 | 902 | 0.004 | | 2.12 | 7.8 | 6 | <1 | 0.48 | 1.02 | 0.001 | 36 | 0.195 | <0.001 | 0.005 | | 7.5 | 7.47 | 15 | 211 | <0.01 | 91 | 0.353 | 52 | 17.5 | 360 | 9.04 | 8.95 | 562 | 0.01 |
| PZ21 | 29-May-2024 | 1244 | | 2.14 | 0.002 | 0.02 | 310 | 19 | <1 | 15 | 753 | 0.012 | | 3.7 | 7.8 | 4 | <1 | 1.41 | 0.86 | 0.004 | 15 | 0.142 | 0.002 | 0.006 | | 7.7 | 7.66 | 7 | 201 | <0.01 | 115 | 0.217 | 46 | 18.5 | 310 | 7.57 | 7.36 | 478 | 0.016 |
| PZ26 | 29-May-2024 | 1202 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF1 | 29-May-2024 | 1134 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWF2 | 29-May-2024 | 1308 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF3 | 29-May-2024 | 1106 | | 0.58 | <0.001 | 0.083 | 693 | 234 | <1 | 408 | 4230 | 0.006 | | 18.71 | 7.1 | 51 | <1 | 6.37 | 1.78 | 0.003 | 345 | 1.76 | 0.002 | 0.011 | | 6.7 | 6.63 | 41 | 223 | <0.01 | 402 | 1.99 | 1260 | 21 | 693 | 51.6 | 58.6 | 3280 | 0.079 |
| GWF4 | 29-May-2024 | 1308 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF5 | 29-May-2024 | 1154 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF7 | 29-May-2024 | 1308 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Barologger Office | 28-May-2024 | 1315 | | | | | | | | | | | 29/05/2024 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWA1 | 20-Jun-2024 | 1132 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWA2 | 05-Jun-2024 | 1109 | <0.01 | 0.23 | 0.003 | 0.052 | 109 | 29 | <1 | 121 | 942 | <0.001 | | 3.52 | 8.2 | 21 | <1 | 0.08 | 3.87 | <0.001 | 35 | 0.641 | <0.001 | 0.004 | | 6.6 | 6.73 | 9 | 160 | <0.01 | 116 | 0.319 | 192 | 15.5 | 109 | 9.59 | 9.6 | 594 | <0.005 |
| GWA3 | 18-Jun-2024 | 1222 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA4 | 18-Jun-2024 | 952 | <0.01 | 0.35 | 0.044 | 0.066 | 419 | 80 | <1 | 212 | 1600 | 0.001 | | 2.69 | 6.2 | 8 | <1 | 0.39 | 15.2 | <0.001 | 57 | 0.409 | <0.001 | 0.012 | | 6.9 | 7.11 | 19 | 188 | <0.01 | 196 | 0.663 | 154 | 15 | 419 | 17.6 | 17.7 | 864 | 0.007 |
| GWA5 | 04-Jun-2024 | 1430 | <0.01 | 0.49 | 0.004 | 0.035 | 603 | 493 | <1 | 1280 | 9560 | 0.003 | | 2.11 | 8.2 | 16 | <1 | 2.08 | 1.53 | <0.001 | 673 | 0.331 | 0.002 | 0.022 | | 7.3 | 7.32 | 29 | 214 | <0.01 | 1130 | 4.59 | 4190 | 16 | 603 | 135 | 130 | 8760 | 0.043 |
| GWA6 | 18-Jun-2024 | 1252 | <0.01 | 0.32 | 0.001 | 0.076 | 509 | 261 | <1 | 562 | 5160 | <0.001 | | 0.92 | 6.5 | 7 | <1 | 2.06 | 0.61 | <0.001 | 283 | 0.254 | <0.001 | 0.005 | | 7.3 | 7.48 | 17 | 187 | <0.01 | 680 | 2.21 | 2070 | 15 | 509 | 69.1 | 66.3 | 4350 | <0.005 |
| GWA7 | 17-Jun-2024 | 1325 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA8 | 24-Jun-2024 | 1116 | <0.01 | 0.18 | <0.001 | 0.014 | 362 | 78 | <1 | 224 | 1700 | <0.001 | | 1.39 | 6.9 | 14 | <1 | 0.68 | 0.63 | <0.001 | 68 | 0.875 | <0.001 | <0.001 | | 7.1 | 7.21 | 9 | 176 | <0.01 | 192 | 0.758 | 229 | 13.5 | 362 | 18.3 | 18.1 | 1000 | <0.005 |
| GWC1 | 05-Jun-2024 | 1043 | <0.01 | 0.05 | <0.001 | 0.065 | 522 | 164 | <1 | 555 | 3360 | <0.001 | | 9.18 | 7.6 | 27 | <1 | 0.23 | 0.27 | <0.001 | 101 | 0.747 | <0.001 | 0.005 | | 7.1 | 7.2 | 28 | 174 | <0.01 | 452 | 1.79 | 510 | 15 | 522 | 36.7 | 36.9 | 2130 | 0.01 |
| GWC2 | 18-Jun-2024 | 1213 | <0.01 | 0.01 | <0.001 | 0.316 | 471 | 57 | <1 | 107 | 1220 | <0.001 | | 3.16 | 7.5 | 6 | <1 | 5.52 | 0.18 | <0.001 | 27 | 0.012 | <0.001 | <0.001 | | 7.6 | 7.78 | 26 | 182 | <0.01 | 189 | 0.548 | 3 | 18.5 | 471 | 12.5 | 14 | 762 | <0.005 |
| GWC3 | 18-Jun-2024 | 1312 | <0.01 | <0.01 | <0.001 | 0.028 | 561 | 180 | <1 | 326 | 3810 | <0.001 | | 2.46 | 8.1 | 8 | <1 | 1.02 | 0.4 | <0.001 | 184 | 0.086 | 0.003 | 0.107 | | 7.2 | 7.5 | 46 | 197 | <0.01 | 511 | 1.68 | 1350 | 18.5 | 561 | 48.5 | 47.5 | 3130 | <0.005 |
| GWC4 | 17-Jun-2024 | 1216 | <0.01 | 0.03 | <0.001 | 0.034 | 623 | 190 | <1 | 385 | 2430 | <0.001 | | 13.53 | 6.6 | 19 | <1 | 1.54 | 2.92 | <0.001 | 86 | 0.065 | <0.001 | <0.001 | | 6.6 | 6.89 | 55 | 208 | <0.01 | 230 | 1.82 | 266 | 18 | 623 | 28.8 | 28 | 1480 | <0.005 |
| GWC5 | 24-Jun-2024 | 1152 | <0.01 | 0.01 | 0.006 | 0.165 | 2080 | 262 | <1 | 492 | 5380 | <0.001 | | 5.24 | 3.4 | 371 | <1 | 1.54 | 26.5 | 0.011 | 138 | 1.04 | <0.001 | 0.02 | | 6.6 | 6.67 | 80 | 73.6 | <0.01 | 805 | 7.02 | 383 | 17.5 | 2080 | 63.4 | 61.5 | 3020 | 0.016 |
| GWA10 | 05-Jun-2024 | 1305 | <0.01 | 0.04 | 0.003 | 0.036 | 392 | 131 | <1 | 464 | 2950 | 0.001 | 05/06/2024 | 3.34 | 7.8 | 21 | <1 | 0.6 | 1.76 | <0.001 | 108 | 1.07 | <0.001 | 0.004 | | 7 | 7.23 | 2 | 171 | <0.01 | 380 | 0.961 | 551 | 16 | 392 | 32.4 | 32 | 1940 | <0.005 |
| GWC10 | 05-Jun-2024 | 1331 | | <0.01 | <0.001 | 0.033 | 387 | 183 | <1 | 376 | 3810 | 0.002 | 05/06/2024 | 1.84 | 8.3 | 18 | <1 | 1.74 | 0.52 | <0.001 | 137 | 0.093 | <0.001 | 0.003 | | 7.2 | 7.35 | 32 | 174 | <0.01 | 548 | 1.87 | 1360 | 15.5 | 387 | 46.6 | 45.1 | 2830 | <0.005 |
| GWA11 | 05-Jun-2024 | 1158 | <0.01 | 0.26 | <0.001 | 0.024 | 408 | 36 | <1 | 47 | 1030 | <0.001 | | 3.5 | 8 | 9 | <1 | 6.84 | 0.64 | <0.001 | 30 | 0.202 | <0.001 | 0.001 | | 7.6 | 7.71 | 12 | 163 | <0.01 | 170 | 0.424 | 46 | 16.5 | 408 | 10.4 | 12 | 620 | <0.005 |
| GWC11 | 05-Jun-2024 | 1234 | | 0.04 | <0.001 | 0.022 | 249 | 76 | <1 | 248 | 2240 | 0.001 | 05/06/2024 | 6.83 | 7.4 | 67 | <1 | 2.68 | 5.25 | <0.001 | 73 | 1.04 | <0.001 | 0.006 | | 6.4 | 6.56 | 21 | 49.6 | <0.01 | 333 | 0.593 | 555 | 17 | 249 | 23.5 | 24.8 | 1470 | 0.013 |
| GWA12 | 18-Jun-2024 | 1149 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC12 | 18-Jun-2024 | 1139 | | 0.02 | <0.001 | 0.061 | 646 | 112 | <1 | 201 | 2680 | 0.002 | 18/06/2024 | 7.27 | 6.3 | 8 | <1 | 0.04 | 0.93 | <0.001 | 51 | 0.232 | 0.001 | 0.002 | | 7.4 | 7.67 | 27 | 207 | <0.01 | 450 | 0.943 | 550 | 17.5 | 646 | 30 | 30 | 1880 | <0.005 |
| GWA14 | 18-Jun-2024 | 1116 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWC14 | 18-Jun-2024 | 1106 | | <0.01 | <0.001 | 0.058 | 419 | 283 | <1 | 246 | 3540 | <0.001 | | 3.64 | 6.4 | 6 | <1 | 1.16 | 0.79 | <0.001 | 129 | 0.212 | 0.002 | 0.004 | | 7.6 | 7.75 | 39 | 207 | <0.01 | 421 | 1.94 | 1430 | 17 | 419 | 45.1 | 44 | 2970 | <0.005 |
| GWA15 | 18-Jun-2024 | 1012 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC15 | 18-Jun-2024 | 1029 | | 0.02 | <0.001 | 0.04 | 499 | 272 | <1 | 297 | 3670 | <0.001 | 18/06/2024 | 5.14 | 6.4 | 9 | <1 | 7.22 | 1.27 | <0.001 | 132 | 0.146 | <0.001 | 0.001 | | 7 | 7.31 | 40 | 211 | <0.01 | 430 | 2.26 | 1570 | 16 | 499 | 51 | 44.2 | 3170 | <0.005 |
| GWC33 | 20-Jun-2024 | 955 | | | | | | | | | | | 20/06/2024 | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC26 | 20-Jun-2024 | 1107 | | 0.27 | <0.001 | 0.274 | 600 | 30 | <1 | 152 | 1510 | 0.016 | | 52.55 | 7.7 | 15 | <1 | 2.49 | 1.01 | 0.002 | 15 | 0.031 | 0.001 | 0.002 | | 7.3 | 7.52 | 18 | 191 | <0.01 | 332 | 0.398 | 24 | 18 | 600 | 16.8 | 17.6 | 811 | 0.024 |
| GWA16 | 05-Jun-2024 | 1433 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC16 | 05-Jun-2024 | 1457 | | 0.03 | <0.001 | 0.094 | 638 | 59 | <1 | 279 | 2090 | <0.001 | 05/06/2024 | 30.52 | 8.4 | 26 | <1 | 0.27 | 2.65 | <0.001 | 31 | 0.033 | <0.001 | <0.001 | | 7.2 | 7.32 | 20 | 98.3 | <0.01 | 370 | 0.521 | 77 | 18.5 | 638 | 22.2 | 22.1 | 1150 | <0.005 |
| GWC30 | 24-Jun-2024 | 1247 | | 0.02 | <0.001 | 0.045 | 576 | 214 | <1 | 544 | 3040 | 0.036 | 24/06/2024 | 29.55 | 6.2 | 69 | <1 | 1.4 | 4.36 | <0.001 | 149 | 0.187 | <0.001 | 0.001 | | 6.6 | 6.78 | 42 | 81.2 | <0.01 | 171 | 2.21 | 264 | 18 | 576 | 32.4 | 31.4 | 2080 | 0.008 |
| GWC31 | 24-Jun-2024 | 1311 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc37 | 17-Jun-2024 | 1456 | | 0.12 | 0.031 | 0.021 | 178 | 120 | <1 | 192 | 2430 | 0.004 | | 24.95 | 6.6 | 20 | <1 | 2.93 | 9.22 | <0.001 | 104 | 1.06 | 0.001 | 0.009 | | 6.2 | 6.5 | 50 | 218 | <0.01 | 232 | 1.34 | 889 | 18.5 | 178 | 27.5 | 25.9 | 1800 | 0.029 |
| GWC27 | 24-Jun-2024 | 1351 | | 0.5 | 0.003 | 0.039 | <1 | 18 | <1 | 310 | 1580 | 0.066 | 24/06/2024 | 15.69 | 6.8 | <1 | <1 | 3.59 | 1.26 | 0.005 | 28 | 2.61 | <0.001 | 0.032 | | 4.1 | 4.62 | 30 | 396 | <0.01 | 205 | 0.128 | 245 | 17 | <1 | 13.8 | 12.9 | 811 | 0.371 |
| GWA32 | 20-Jun-2024 | 1252 | | <0.01 | <0.001 | 0.057 | 595 | 140 | <1 | 670 | 3690 | 0.001 | 20/06/2024 | 1.76 | 7.4 | 24 | <1 | 3.32 | <0.05 | <0.001 | 178 | 0.097 | 0.002 | 0.002 | | 7.2 | 7.38 | 22 | 189 | <0.01 | 485 | 1.92 | 467 | 14.5 | 595 | 40.5 | 43.3 | 2440 | <0.005 |
| GWC32 | 20-Jun-2024 | 1318 | | 0.02 | <0.001 | 0.041 | 1380 | 165 | <1 | 312 | 3410 | <0.001 | 20/06/2024 | 3.71 | 6.9 | 120 | <1 | 2.09 | 0.85 | <0.001 | 113 | 0.056 | <0.001 | 0.002 | | 6.6 | 6.86 | 46 | 196 | <0.01 | 578 | 4.49 | 273 | 17.5 | 1380 | 42 | 43.8 | 2140 | <0.005 |
| GWA34 | 17-Jun-2024 | 1416 | | 0.02 | <0.001 | 0.016 | 310 | 177 | <1 | 420 | 3080 | 0.025 | 17/06/2024 | 3.7 | 7.3 | 7 | <1 | 2.63 | 0.77 | <0.001 | 197 | 0.091 | 0.001 | 0.006 | | 6.7 | 7.07 | 4 | 216 | <0.01 | 242 | 0.345 | 759 | 18.5 | 310 | 33.8 | 35.7 | 2470 | 0.035 |
| GWC34 | 17-Jun-2024 | 1425 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWa36 | 05-Jun-2024 | 1415 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc36 | 05-Jun-2024 | 1405 | | <0.01 | <0.001 | 0.016 | 258 | 159 | <1 | 342 | 3870 | <0.001 | | 8.47 | 7.1 | 82 | <1 | 1.43 | 20.1 | <0.001 | 178 | 1.93 | 0.001 | 0.011 | | 6.5 | 6.59 | 38 | -17.1 | <0.01 | 572 | 1.06 | 1550 | 17.5 | 258 | 47.1 | 48.4 | 2870 | 0.019 |
| GWC25 | 27-Jun-2024 | 1107 | | 0.33 | <0.001 | 0.093 | 266 | 37 | <1 | 278 | 1340 | 0.072 | 27/06/2024 | 26.21 | 9.1 | 20 | <1 | 8.58 | 0.6 | 0.003 | 54 | 0.162 | <0.001 | 0.018 | | 6.7 | 6.76 | 8 | 70.4 | <0.01 | 165 | 0.399 | 148 | 18.5 | 266 | 16.2 | 13.7 | 718 | <0.005 |
| PZ13 | 05-Jun-2024 | 1018 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| PZ20 | 27-Jun-2024 | 1306 | | 0.93 | <0.001 | 0.02 | 341 | 36 | <1 | 30 | 821 | 0.003 | | 1.71 | 8.2 | 6 | <1 | 2.38 | 0.85 | 0.001 | 36 | 0.13 | <0.001 | 0.003 | | 7.6 | 7.62 | 16 | 105 | <0.01 | 102 | 0.292 | 72 | 14.5 | 341 | 9.16 | 9.6 | 493 | 0.008 |
| PZ21 | 27-Jun-2024 | 1327 | | 0.43 | <0.001 | 0.014 | 323 | 25 | <1 | 19 | 736 | 0.002 | | 3.46 | 8 | 4 | <1 | 1.46 | 0.31 | <0.001 | 17 | 0.153 | 0.001 | 0.004 | | 7.8 | 7.77 | 8 | 102 | <0.01 | 128 | 0.206 | 57 | 16.5 | 323 | 8.18 | 8.42 | 429 | 0.008 |
| PZ26 | 27-Jun-2024 | 1244 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF1 | 27-Jun-2024 | 1404 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF2 | 27-Jun-2024 | 1404 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF3 | 27-Jun-2024 | 1207 | | 0.09 | <0.001 | 0.062 | 763 | 221 | <1 | 408 | 4010 | 0.004 | | 18.63 | 7.6 | 44 | <1 | 1.07 | 0.33 | 0.001 | 302 | 1.63 | 0.001 | 0.007 | | 6.8 | 6.83 | 40 | 134 | <0.01 | 372 | 1.85 | 1320 | 20.5 | 763 | 54.2 | 53.1 | 3060 | 0.035 |
| GWF4 | 27-Jun-2024 | 1404 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF5 | 27-Jun-2024 | 1237 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWF7 | 27-Jun-2024 | 1404 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Barologger Office | 27-Jun-2024 | 1408 | | | | | | | | | | | 27/06/2024 | | | | | | | | | | | | | | | | | | | | | | | | | | |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWA1 | 04-Jul-2024 | 1034 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWA2 | 04-Jul-2024 | 1202 | <0.01 | 0.15 | 0.002 | 0.049 | 104 | 26 | <1 | 119 | 927 | 0.001 | | 3.48 | 7.5 | 64 | <1 | 2.44 | 2.35 | <0.001 | 35 | 0.486 | <0.001 | 0.004 | | 6.6 | 6.4 | 7 | 241 | <0.01 | 105 | 0.284 | 189 | 15 | 104 | 9.37 | 8.92 | 572 | <0.005 |
| GWA3 | 15-Jul-2024 | 1231 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA4 | 15-Jul-2024 | 1032 | <0.01 | 0.08 | 0.043 | 0.081 | 398 | 94 | <1 | 231 | 1730 | <0.001 | | 2.81 | 7 | 17 | <1 | 1.16 | 21.2 | <0.001 | 59 | 0.498 | 0.002 | 0.013 | | 6.9 | 7.02 | 20 | 92.3 | <0.01 | 190 | 0.81 | 165 | 15 | 398 | 17.9 | 18.3 | 1010 | <0.005 |
| GWA5 | 08-Jul-2024 | 1442 | <0.01 | 0.07 | 0.001 | 0.031 | 575 | 523 | <1 | 1390 | 9310 | 0.002 | | 2.13 | 9.3 | 31 | <1 | 1.51 | 0.26 | <0.001 | 673 | 0.042 | 0.001 | 0.007 | | 7.5 | 7.37 | 26 | 209 | <0.01 | 993 | 4.92 | 3770 | 14 | 575 | 129 | 125 | 8440 | 0.023 |
| GWA6 | 15-Jul-2024 | 1309 | <0.01 | 0.06 | <0.001 | 0.076 | 469 | 312 | <1 | 609 | 5940 | <0.001 | | 0.94 | 6.9 | 12 | <1 | 1.78 | 0.36 | <0.001 | 297 | 0.17 | <0.001 | 0.005 | | 7.3 | 7.38 | 16 | 96.3 | <0.01 | 750 | 2.62 | 2360 | 11.5 | 469 | 75.7 | 73 | 5150 | <0.005 |
| GWA7 | 08-Jul-2024 | 1237 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA8 | 12-Jul-2024 | 1430 | <0.01 | 0.35 | <0.001 | 0.015 | 355 | 90 | <1 | 224 | 1730 | 0.002 | | 1.27 | 6.3 | 16 | <1 | 0.8 | 1.28 | <0.001 | 72 | 1.76 | <0.001 | 0.004 | | 7.1 | 7.2 | 10 | 367 | <0.01 | 190 | 0.766 | 280 | 13.5 | 355 | 19.2 | 18.9 | 1060 | <0.005 |
| GWC1 | 04-Jul-2024 | 1224 | <0.01 | 0.02 | <0.001 | 0.073 | 511 | 144 | <1 | 556 | 3270 | <0.001 | | 9.33 | 7.8 | 59 | <1 | 0.43 | 0.24 | <0.001 | 99 | 0.779 | <0.001 | 0.004 | | 7 | 7.13 | 27 | 199 | <0.01 | 443 | 1.5 | 466 | 16 | 511 | 35.6 | 35.3 | 2120 | <0.005 |
| GWC2 | 15-Jul-2024 | 1241 | <0.01 | 0.01 | <0.001 | 0.357 | 501 | 59 | <1 | 115 | 1220 | <0.001 | | 2.71 | 7.5 | 7 | <1 | 0.48 | 0.34 | <0.001 | 24 | 0.02 | <0.001 | <0.001 | | 7.6 | 7.8 | 24 | 102 | <0.01 | 176 | 0.566 | 3 | 15.5 | 501 | 13.3 | 13.2 | 778 | <0.005 |
| GWC3 | 15-Jul-2024 | 1334 | <0.01 | <0.01 | <0.001 | 0.029 | 581 | 187 | <1 | 306 | 3820 | <0.001 | | 2.5 | 6.8 | 18 | <1 | 1.95 | 0.42 | <0.001 | 173 | 0.708 | 0.002 | 0.175 | | 7.1 | 7.29 | 43 | 110 | <0.01 | 465 | 1.82 | 1270 | 16 | 581 | 46.7 | 44.9 | 3130 | <0.005 |
| GWC4 | 12-Jul-2024 | 1246 | <0.01 | 0.02 | <0.001 | 0.034 | 631 | 194 | <1 | 333 | 2430 | 0.002 | | 13.54 | 6.4 | 91 | <1 | 0.28 | 2.49 | <0.001 | 82 | 0.036 | <0.001 | <0.001 | | 6.6 | 6.76 | 48 | 352 | <0.01 | 216 | 1.72 | 250 | 18 | 631 | 27.2 | 27 | 1470 | 0.006 |
| GWC5 | 12-Jul-2024 | 1456 | <0.01 | 0.02 | 0.004 | 0.148 | 2120 | 284 | <1 | 494 | 5420 | 0.002 | | 5.24 | 4.1 | 657 | <1 | 1.41 | 19.6 | 0.011 | 142 | 1.05 | <0.001 | 0.021 | | 6.6 | 6.87 | 85 | 348 | <0.01 | 864 | 6.87 | 360 | 17 | 2120 | 63.8 | 65.6 | 3540 | 0.013 |
| GWA10 | 15-Jul-2024 | 1515 | <0.01 | 0.06 | 0.015 | 0.04 | 395 | 123 | <1 | 458 | 2880 | 0.007 | 15/07/2024 | 3.32 | 6.7 | 12 | <1 | 1.54 | 9.44 | <0.001 | 101 | 1.12 | <0.001 | 0.005 | | 7.1 | 7.29 | 1 | 113 | <0.01 | 365 | 0.948 | 504 | 13.5 | 395 | 31.3 | 30.4 | 1750 | <0.005 |
| GWC10 | 15-Jul-2024 | 1542 | | 0.52 | <0.001 | 0.026 | 391 | 238 | <1 | 368 | 3790 | 0.003 | 15/07/2024 | 2.3 | 8.9 | 6 | <1 | 2.11 | 0.75 | <0.001 | 122 | 0.152 | <0.001 | 0.003 | | 7.7 | 7.8 | 32 | 123 | <0.01 | 484 | 0.418 | 1320 | 14 | 391 | 45.7 | 43.8 | 2970 | <0.005 |
| GWA11 | 15-Jul-2024 | 1421 | <0.01 | 1.13 | <0.001 | 0.027 | 398 | 35 | <1 | 53 | 1020 | <0.001 | | 3.5 | 7.1 | 5 | <1 | 2.62 | 1.28 | <0.001 | 28 | 0.147 | 0.001 | 0.003 | | 7.6 | 7.8 | 11 | 122 | <0.01 | 153 | 0.418 | 47 | 14.5 | 398 | 10.4 | 11 | 636 | <0.005 |
| GWC11 | 15-Jul-2024 | 1452 | | 0.05 | <0.001 | 0.027 | 266 | 83 | <1 | 255 | 2350 | 0.003 | 15/07/2024 | 6.57 | 6.5 | 31 | <1 | 7.29 | 6.04 | <0.001 | 74 | 1.26 | <0.001 | 0.01 | | 6.5 | 6.7 | 24 | 10.9 | <0.01 | 311 | 0.778 | 754 | 15.5 | 266 | 28.2 | 24.4 | 1460 | 0.016 |
| GWA12 | 15-Jul-2024 | 1158 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC12 | 15-Jul-2024 | 1210 | | 0.03 | <0.001 | 0.062 | 691 | 114 | <1 | 186 | 2680 | 0.004 | | 6.92 | 6.6 | 11 | <1 | 3.94 | 1.01 | <0.001 | 47 | 0.239 | 0.001 | 0.003 | | 7.5 | 7.59 | 27 | 93.8 | <0.01 | 439 | 0.969 | 610 | 16.5 | 691 | 31.8 | 29.3 | 1890 | <0.005 |
| GWA14 | 15-Jul-2024 | 1127 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC14 | 15-Jul-2024 | 1143 | | 0.03 | <0.001 | 0.034 | 441 | 286 | <1 | 234 | 3540 | 0.015 | 15/07/2024 | 3.46 | 7.4 | 8 | <1 | 2.51 | 1.02 | <0.001 | 118 | 0.226 | 0.002 | 0.005 | | 7.6 | 7.77 | 36 | 95.2 | <0.01 | 388 | 1.93 | 1370 | 15 | 441 | 43.9 | 41.8 | 2960 | 0.007 |
| GWA15 | 15-Jul-2024 | 1051 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC15 | 15-Jul-2024 | 1112 | | 0.01 | <0.001 | 0.04 | 519 | 278 | <1 | 275 | 3640 | 0.001 | | 4.84 | 6.8 | 14 | <1 | 1.77 | 0.55 | <0.001 | 126 | 0.131 | <0.001 | 0.002 | | 7.1 | 7.33 | 38 | 97.4 | <0.01 | 414 | 2.27 | 1280 | 15.5 | 519 | 44.8 | 43.2 | 2940 | <0.005 |
| GWC33 | 04-Jul-2024 | 925 | | | | | | | | | | | 04/07/2024 | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC26 | 04-Jul-2024 | 1008 | | 0.02 | <0.001 | 0.234 | 585 | 27 | <1 | 141 | 1500 | 0.003 | 04/07/2024 | 53.24 | 7.2 | 31 | <1 | 0.62 | 0.38 | <0.001 | 14 | 0.02 | <0.001 | <0.001 | | 7.2 | 7.45 | 16 | 288 | <0.01 | 307 | 0.344 | 19 | 18.5 | 585 | 16.1 | 16.3 | 850 | 0.011 |
| GWA16 | 04-Jul-2024 | 1055 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC16 | 04-Jul-2024 | 1126 | | 0.04 | <0.001 | 0.121 | 651 | 86 | <1 | 384 | 2460 | 0.003 | | 30.31 | 7.4 | 52 | <1 | 0.99 | 1.83 | 0.001 | 41 | 0.054 | <0.001 | <0.001 | | 7.2 | 7.37 | 25 | 194 | <0.01 | 406 | 0.83 | 127 | 18.5 | 651 | 26.5 | 26 | 1450 | 0.006 |
| GWC30 | 16-Jul-2024 | 1217 | | 0.08 | <0.001 | 0.046 | 503 | 217 | <1 | 534 | 2990 | 0.03 | 16/07/2024 | 29.52 | 7.6 | 130 | <1 | 0.77 | 5.58 | <0.001 | 144 | 0.219 | <0.001 | 0.002 | | 6.7 | 6.8 | 44 | 299 | <0.01 | 174 | 2.31 | 324 | 17 | 503 | 31.8 | 31.4 | 1970 | 0.012 |
| GWC31 | 16-Jul-2024 | 1242 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc37 | 16-Jul-2024 | 1127 | | 1.28 | 0.03 | 0.051 | 176 | 130 | <1 | 184 | 2460 | 0.039 | | 24.86 | 9 | 137 | <1 | 2.53 | 13.8 | 0.007 | 110 | 1.35 | 0.002 | 0.009 | | 6.3 | 6.39 | 55 | 81 | <0.01 | 261 | 1.38 | 874 | 18.5 | 176 | 26.9 | 28.3 | 1720 | 0.063 |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWC27 | 16-Jul-2024 | 1029 | | 0.54 | 0.003 | 0.042 | 5 | 20 | <1 | 315 | 1600 | 0.097 | 16/07/2024 | 15.62 | 9.6 | 234 | <1 | 2.82 | 1.1 | 0.006 | 31 | 2.99 | <0.001 | 0.035 | | 4.1 | 4.25 | 32 | 444 | <0.01 | 217 | 0.132 | 270 | 15.5 | 5 | 14.6 | 13.8 | 920 | 0.391 |
| GWA32 | 12-Jul-2024 | 1335 | | <0.01 | <0.001 | 0.049 | 608 | 140 | <1 | 707 | 3850 | 0.002 | 12/07/2024 | 1.72 | 6.6 | 20 | <1 | 2.69 | <0.05 | <0.001 | 185 | 0.056 | 0.002 | 0.002 | | 7.2 | 7.35 | 21 | 332 | <0.01 | 489 | 1.92 | 462 | 14.5 | 608 | 41.7 | 44 | 2460 | <0.005 |
| GWC32 | 12-Jul-2024 | 1401 | | <0.01 | <0.001 | 0.033 | 1360 | 133 | <1 | 319 | 3430 | 0.003 | | 3.73 | 5.9 | 139 | <1 | 0.46 | 0.46 | <0.001 | 111 | 0.048 | <0.001 | <0.001 | | 6.6 | 6.88 | 44 | 338 | <0.01 | 563 | 4.55 | 269 | 17.5 | 1360 | 41.8 | 41.4 | 2160 | <0.005 |
| GWA34 | 16-Jul-2024 | 1317 | | 1.59 | 0.001 | 0.03 | 296 | 174 | <1 | 360 | 3050 | 0.028 | 16/07/2024 | 3.64 | 9.9 | 78 | <1 | 2.89 | 1.06 | <0.001 | 203 | 0.069 | 0.003 | 0.024 | | 6.8 | 6.95 | 5 | 86.6 | <0.01 | 259 | 1.32 | 1100 | 16 | 296 | 39 | 36.8 | 2210 | 0.083 |
| GWC34 | 16-Jul-2024 | 1326 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWa36 | 04-Jul-2024 | 1244 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc36 | 04-Jul-2024 | 1256 | | 0.02 | <0.001 | 0.024 | 274 | 157 | <1 | 349 | 3860 | <0.001 | | 8.24 | 7.1 | 141 | <1 | 2.05 | 29.3 | <0.001 | 168 | 2.31 | 0.002 | 0.013 | | 6.5 | 6.5 | 40 | 13.5 | 0.02 | 524 | 1.21 | 1540 | 17.5 | 274 | 47.4 | 45.5 | 2950 | 0.026 |
| GWC25 | 25-Jul-2024 | 1025 | | 0.16 | 0.001 | 0.099 | 264 | 37 | <1 | 228 | 1330 | 0.052 | 25/07/2024 | 26.43 | 9.4 | 44 | <1 | 0.62 | 0.4 | 0.004 | 59 | 0.104 | <0.001 | 0.023 | | 6.9 | 7.2 | 8 | 128 | <0.01 | 168 | 0.485 | 112 | 18 | 264 | 14 | 14.2 | 743 | 0.011 |
| PZ13 | 04-Jul-2024 | 1328 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| PZ20 | 05-Jul-2024 | 1223 | | 0.16 | 0.001 | 0.023 | 385 | 39 | <1 | 31 | 907 | 0.004 | | 1.7 | 8.1 | 17 | <1 | 2.93 | 0.26 | <0.001 | 44 | 0.175 | <0.001 | 0.003 | | 7.6 | 7.65 | 16 | 158 | <0.01 | 110 | 0.392 | 76 | 15 | 385 | 10.1 | 10.8 | 499 | 0.007 |
| PZ21 | 25-Jul-2024 | 1246 | | 0.27 | 0.001 | 0.014 | 312 | 24 | <1 | 19 | 722 | 0.004 | | 3.46 | 8 | 11 | <1 | 1.16 | 0.2 | <0.001 | 18 | 0.167 | 0.001 | 0.004 | | 7.8 | 7.8 | 7 | 159 | <0.01 | 121 | 0.243 | 56 | 15.5 | 312 | 7.94 | 8.12 | 428 | 0.008 |
| PZ26 | 25-Jul-2024 | 1154 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF1 | 25-Jul-2024 | 1300 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF2 | 25-Jul-2024 | 1301 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF3 | 25-Jul-2024 | 1116 | | 0.65 | 0.001 | 0.085 | 716 | 220 | <1 | 395 | 4090 | 0.01 | | 19.17 | 7.3 | 137 | <1 | 2.05 | 1.25 | 0.003 | 313 | 1.79 | 0.002 | 0.014 | | 6.7 | 6.95 | 40 | 189 | <0.01 | 410 | 2.36 | 1560 | 21 | 716 | 57.9 | 55.6 | 3140 | 0.042 |
| GWF4 | 25-Jul-2024 | 1302 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF5 | 25-Jul-2024 | 1146 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF7 | 25-Jul-2024 | 1303 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Barologger Office | 25-Jul-2024 | 1322 | | | | | | | | | | | 25/07/2024 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWA1 | 15-Aug-2024 | 1119 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWA2 | 08-Aug-2024 | 1407 | <0.01 | 0.16 | 0.001 | 0.041 | 112 | 27 | <1 | 149 | 955 | <0.001 | | 3.44 | 6.9 | 15 | <1 | 8.6 | 1.6 | <0.001 | 36 | 0.413 | <0.001 | 0.003 | | 6.6 | 6.58 | 7 | 106 | <0.01 | 102 | 0.286 | 200 | 14.5 | 112 | 10.6 | 8.93 | 561 | <0.005 |
| GWA3 | 08-Aug-2024 | 1240 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA4 | 08-Aug-2024 | 1028 | <0.01 | 0.18 | 0.012 | 0.055 | 434 | 81 | <1 | 268 | 1650 | <0.001 | | 2.85 | 6.3 | 12 | <1 | 6.36 | 8.23 | <0.001 | 53 | 0.446 | <0.001 | 0.01 | | 6.9 | 6.89 | 17 | 127 | <0.01 | 178 | 0.652 | 125 | 16 | 434 | 18.8 | 16.6 | 890 | <0.005 |
| GWA5 | 14-Aug-2024 | 1604 | <0.01 | 0.13 | 0.001 | 0.032 | 541 | 508 | <1 | 1040 | 8360 | 0.002 | | 1.99 | 9.7 | 15 | <1 | 2.05 | 0.25 | <0.001 | 608 | 0.081 | <0.001 | 0.005 | | 7.5 | 7.57 | 23 | 148 | <0.01 | 885 | 3.94 | 3800 | 14 | 541 | 119 | 114 | 7640 | 0.016 |
| GWA6 | 15-Aug-2024 | 1203 | <0.01 | 0.28 | <0.001 | 0.056 | 440 | 267 | <1 | 554 | 5350 | 0.002 | | 0.77 | 7.8 | 16 | <1 | 3.42 | 0.52 | <0.001 | 256 | 0.132 | <0.001 | 0.004 | | 7.4 | 7.36 | 12 | 250 | <0.01 | 710 | 1.93 | 2200 | 13.5 | 440 | 70.2 | 65.6 | 4330 | 0.015 |
| GWA7 | 14-Aug-2024 | 1335 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA8 | 13-Aug-2024 | 1455 | <0.01 | 0.87 | <0.001 | 0.017 | 352 | 87 | <1 | 230 | 1770 | 0.002 | | 1.31 | 6.8 | 17 | <1 | 1.64 | 1.79 | <0.001 | 72 | 2.68 | <0.001 | 0.003 | | 7.1 | 7.33 | 9 | 60 | <0.01 | 192 | 0.738 | 286 | 13.5 | 352 | 19.5 | 18.8 | 1060 | <0.005 |
| GWC1 | 08-Aug-2024 | 1425 | <0.01 | 0.04 | <0.001 | 0.061 | 503 | 147 | <1 | 630 | 3320 | <0.001 | | 9.23 | 6.8 | 10 | <1 | 7.09 | 0.31 | <0.001 | 97 | 0.706 | <0.001 | 0.003 | | 7 | 7.03 | 25 | 136 | <0.01 | 419 | 1.44 | 556 | 16.5 | 503 | 39.4 | 34.2 | 2040 | <0.005 |
| GWC2 | 08-Aug-2024 | 1250 | <0.01 | 0.01 | <0.001 | 0.34 | 488 | 56 | <1 | 134 | 1230 | <0.001 | | 2.34 | 7.3 | 8 | <1 | 3.16 | 0.12 | <0.001 | 23 | 0.003 | <0.001 | <0.001 | | 7.5 | 7.5 | 24 | 130 | <0.01 | 171 | 0.503 | 2 | 16.5 | 488 | 13.6 | 12.7 | 692 | <0.005 |
| GWC3 | 15-Aug-2024 | 1221 | <0.01 | 0.06 | <0.001 | 0.024 | 582 | 170 | <1 | 375 | 3750 | <0.001 | | 2.49 | 7.2 | 29 | <1 | 1.52 | 0.38 | <0.001 | 164 | 0.617 | 0.002 | 0.134 | | 7 | 7.1 | 42 | 244 | <0.01 | 476 | 1.41 | 1100 | 16 | 582 | 45.1 | 43.8 | 2660 | <0.005 |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWC4 | 15-Aug-2024 | 1301 | <0.01 | 0.02 | <0.001 | 0.033 | 635 | 188 | <1 | 375 | 2430 | 0.002 | | 13.52 | 7 | 84 | <1 | 2.16 | 3.18 | <0.001 | 83 | 0.042 | <0.001 | 0.002 | | 6.6 | 6.66 | 50 | 237 | <0.01 | 216 | 1.64 | 231 | 19 | 635 | 28.1 | 26.9 | 1440 | 0.007 |
| GWC5 | 13-Aug-2024 | 1426 | <0.01 | 0.02 | <0.001 | 0.15 | 2250 | 320 | <1 | 480 | 5580 | 0.003 | | 5.25 | 5.7 | 318 | <1 | 2.95 | 4.42 | 0.049 | 153 | 1.13 | <0.001 | 0.02 | | 6.6 | 6.81 | 90 | 63.8 | <0.01 | 886 | 6.98 | 333 | 17.5 | 2250 | 65.4 | 69.4 | 3600 | 0.016 |
| GWA10 | 02-Aug-2024 | 1342 | <0.01 | 0.18 | 0.009 | 0.038 | 396 | 113 | <1 | 501 | 2900 | 0.002 | 02/08/2024 | 3.29 | 8.4 | 37 | <1 | 9.88 | 5.95 | <0.001 | 98 | 1.06 | <0.001 | 0.004 | | 7.1 | 7.18 | 1 | 192 | <0.01 | 356 | 0.941 | 652 | 14 | 396 | 35.6 | 29.2 | 1810 | <0.005 |
| GWC10 | 02-Aug-2024 | 1411 | | <0.01 | <0.001 | 0.042 | 387 | 212 | <1 | 393 | 3830 | 0.002 | 02/08/2024 | 3.41 | 9.3 | 16 | <1 | 4.45 | 0.37 | <0.001 | 115 | 0.068 | <0.001 | 0.003 | | 7.4 | 7.4 | 30 | 192 | <0.01 | 469 | 2.46 | 1260 | 15 | 387 | 45 | 41.2 | 2760 | <0.005 |
| GWA11 | 02-Aug-2024 | 1247 | 0.01 | 0.32 | <0.001 | 0.024 | 482 | 31 | <1 | 72 | 1270 | <0.001 | | 3.49 | 7.3 | 16 | <1 | 1.71 | 0.62 | <0.001 | 25 | 0.181 | <0.001 | 0.001 | | 7.6 | 7.68 | 11 | 178 | <0.01 | 210 | 0.402 | 87 | 15 | 482 | 13.5 | 13 | 694 | <0.005 |
| GWC11 | 02-Aug-2024 | 1310 | | 0.06 | <0.001 | 0.031 | 266 | 79 | <1 | 285 | 2400 | 0.001 | 02/08/2024 | 6.34 | 7.2 | 80 | <1 | 2.42 | 4.42 | <0.001 | 70 | 1.39 | <0.001 | 0.01 | | 6.5 | 6.7 | 21 | 187 | <0.01 | 307 | 0.9 | 548 | 17 | 266 | 24.8 | 23.6 | 1510 | 0.015 |
| GWA12 | 08-Aug-2024 | 1200 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC12 | 08-Aug-2024 | 1219 | | 0.05 | <0.001 | 0.136 | 657 | 110 | <1 | 230 | 2740 | 0.01 | 08/08/2024 | 6.48 | 5.7 | 11 | <1 | 2.48 | 0.7 | <0.001 | 48 | 0.242 | 0.002 | 0.006 | | 7.4 | 7.44 | 27 | 136 | <0.01 | 450 | 1.99 | 557 | 17.5 | 657 | 31.2 | 29.7 | 1760 | 0.009 |
| GWA14 | 08-Aug-2024 | 1126 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC14 | 08-Aug-2024 | 1142 | | 0.04 | <0.001 | 0.042 | 400 | 281 | <1 | 284 | 3600 | 0.005 | 08/08/2024 | 3.21 | 6.8 | 11 | <1 | 1.58 | 0.51 | 0.002 | 124 | 0.079 | <0.001 | 0.003 | | 7.6 | 7.47 | 36 | 138 | <0.01 | 409 | 2.41 | 1360 | 15.5 | 400 | 44.3 | 42.9 | 2780 | 0.007 |
| GWA15 | 08-Aug-2024 | 1050 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC15 | 08-Aug-2024 | 1107 | | 0.04 | <0.001 | 0.028 | 465 | 272 | <1 | 347 | 3700 | <0.001 | 08/08/2024 | 4.73 | 7.3 | 15 | <1 | 2.12 | 26 | <0.001 | 128 | 2.2 | 0.001 | 0.014 | | 7.2 | 7.24 | 39 | 139 | <0.01 | 435 | 1.25 | 1290 | 17 | 465 | 45.9 | 44 | 2820 | 0.026 |
| GWC33 | 02-Aug-2024 | 1009 | | | | | | | | | | | 02/08/2024 | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC26 | 15-Aug-2024 | 1039 | | 0.03 | <0.001 | 0.222 | 542 | 26 | <1 | 151 | 1470 | 0.004 | 15/08/2024 | 52.79 | 8.3 | 17 | <1 | 3.88 | 0.3 | <0.001 | 14 | 0.024 | 0.001 | <0.001 | | 7.3 | 7.26 | 20 | 206 | <0.01 | 264 | 0.391 | 25 | 19 | 542 | 15.6 | 14.4 | 818 | <0.005 |
| GWA16 | 02-Aug-2024 | 1047 | | 0.63 | 0.001 | 0.138 | 695 | 368 | <1 | 7200 | 20700 | 0.003 | | 2.75 | 8.2 | 53 | <1 | 7.28 | 1.39 | <0.001 | 579 | 0.211 | 0.001 | 0.005 | | 7.1 | 7.19 | 19 | 194 | <0.01 | 3320 | 6.89 | 1300 | 14.5 | 695 | 244 | 211 | 13800 | 0.013 |
| GWC16 | 02-Aug-2024 | 1126 | | 0.12 | <0.001 | 0.14 | 659 | 66 | <1 | 418 | 2530 | 0.002 | 02/08/2024 | 30.55 | 7.3 | 39 | <1 | 9.16 | 5.17 | 0.004 | 37 | 0.046 | <0.001 | <0.001 | | 7.1 | 7.36 | 21 | 178 | <0.01 | 370 | 1 | 127 | 18.5 | 659 | 27.6 | 23 | 1410 | <0.005 |
| GWC30 | 13-Aug-2024 | 1236 | | 0.18 | <0.001 | 0.066 | 506 | 212 | <1 | 473 | 2860 | 0.063 | 13/08/2024 | 29.6 | 7.3 | 46 | <1 | 4.47 | 2.53 | 0.002 | 132 | 0.188 | <0.001 | 0.011 | | 6.7 | 7.04 | 48 | 103 | <0.01 | 153 | 2.43 | 414 | 19 | 506 | 32.1 | 29.3 | 1890 | 0.026 |
| GWC31 | 13-Aug-2024 | 1301 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc37 | 13-Aug-2024 | 1131 | | 0.69 | 0.033 | 0.039 | 183 | 112 | <1 | 184 | 2480 | 0.021 | | 25.07 | 6.7 | 65 | <1 | 2.73 | 10 | 0.006 | 107 | 1.3 | 0.001 | 0.01 | | 6.2 | 6.58 | 54 | 17.2 | <0.01 | 236 | 1.48 | 896 | 19 | 183 | 27.5 | 26 | 1750 | 0.053 |
| GWC27 | 13-Aug-2024 | 1035 | | 0.54 | 0.004 | 0.045 | <1 | 17 | <1 | 320 | 1610 | 0.139 | 13/08/2024 | 15.86 | 6.5 | <1 | <1 | 7.44 | 1.12 | 0.006 | 30 | 2.95 | <0.001 | 0.036 | | 4 | 4.31 | 34 | 406 | <0.01 | 198 | 0.128 | 280 | 18 | <1 | 14.8 | 12.8 | 939 | 0.408 |
| GWA32 | 15-Aug-2024 | 1348 | | 0.01 | <0.001 | 0.054 | 612 | 128 | <1 | 820 | 4000 | 0.003 | 15/08/2024 | 1.72 | 8.1 | 23 | <1 | 1.49 | <0.05 | <0.001 | 194 | 0.055 | 0.002 | 0.002 | | 7.2 | 7.2 | 27 | 216 | <0.01 | 466 | 2.29 | 445 | 14 | 612 | 44.6 | 43.3 | 2510 | <0.005 |
| GWC32 | 15-Aug-2024 | 1412 | | <0.01 | <0.001 | 0.035 | 1330 | 119 | <1 | 356 | 3470 | 0.002 | 15/08/2024 | 3.73 | 8 | 92 | <1 | 4.89 | 0.09 | <0.001 | 109 | 0.042 | <0.001 | 0.001 | | 6.8 | 6.85 | 56 | 221 | <0.01 | 513 | 4.85 | 289 | 17.5 | 1330 | 42.6 | 38.6 | 2150 | <0.005 |
| GWA34 | 13-Aug-2024 | 1342 | | 1.02 | <0.001 | 0.026 | 311 | 152 | <1 | 357 | 2970 | 0.019 | 13/08/2024 | 3.66 | 7.4 | 30 | <1 | 2.19 | 0.33 | <0.001 | 190 | 0.052 | 0.002 | 0.027 | | 6.7 | 7.06 | 6 | 221 | 0.01 | 225 | 1.49 | 882 | 17.5 | 311 | 34.6 | 33.2 | 2150 | 0.057 |
| GWC34 | 13-Aug-2024 | 1349 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWa36 | 08-Aug-2024 | 1324 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc36 | 08-Aug-2024 | 1335 | | 0.05 | <0.001 | 0.03 | 283 | 158 | <1 | 413 | 3980 | <0.001 | | 7.9 | 6.2 | 17 | <1 | 3.92 | 28.4 | <0.001 | 163 | 2.05 | 0.002 | 0.012 | | 6.5 | 6.53 | 38 | -15.7 | <0.01 | 524 | 1.06 | 1510 | 18 | 283 | 48.7 | 45.1 | 2970 | 0.023 |
| GWC25 | 21-Aug-2024 | 1020 | | 0.14 | <0.001 | 0.114 | 271 | 40 | <1 | 265 | 1400 | 0.034 | 21/08/2024 | 26.2 | 7 | 26 | <1 | 3.13 | 0.39 | 0.003 | 59 | 0.536 | <0.001 | 0.02 | | 6.6 | 6.64 | 8 | 84.2 | <0.01 | 166 | 0.47 | 111 | 19.5 | 271 | 15.2 | 14.3 | 717 | 0.006 |
| PZ13 | 02-Aug-2024 | 1151 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| PZ20 | 21-Aug-2024 | 1228 | | 0.35 | <0.001 | 0.02 | 355 | 37 | <1 | 28 | 848 | 0.002 | | 1.38 | 7.5 | 6 | <1 | 2.58 | 0.41 | <0.001 | 38 | 0.163 | <0.001 | 0.003 | | 7.5 | 7.52 | 14 | 65.9 | <0.01 | 99 | 0.317 | 61 | 15 | 355 | 9.15 | 9.64 | 492 | 0.005 |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PZ21 | 21-Aug-2024 | 1202 | | 0.45 | <0.001 | 0.013 | 277 | 24 | <1 | 20 | 696 | 0.002 | | 2.73 | 7.3 | 4 | <1 | 3.1 | 0.24 | 0.001 | 18 | 0.112 | <0.001 | 0.003 | | 7.7 | 7.69 | 7 | 64.2 | <0.01 | 113 | 0.202 | 58 | 15 | 277 | 7.31 | 7.77 | 410 | 0.009 |
| PZ26 | 21-Aug-2024 | 1140 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF1 | 21-Aug-2024 | 1251 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| GWF2 | 21-Aug-2024 | 1251 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF3 | 21-Aug-2024 | 1103 | | 0.18 | <0.001 | 0.061 | 780 | 199 | <1 | 294 | 3610 | 0.002 | | 18.16 | 7.2 | 30 | <1 | 1.66 | 0.31 | <0.001 | 266 | 1.64 | 0.001 | 0.006 | | 6.8 | 6.86 | 37 | 92.1 | <0.01 | 297 | 1.85 | 976 | 21 | 780 | 44.2 | 45.7 | 2540 | 0.017 |
| GWF4 | 21-Aug-2024 | 1251 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF5 | 21-Aug-2024 | 1133 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWF7 | 21-Aug-2024 | 1251 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Barologger Office | 21-Aug-2024 | 1301 | | | | | | | | | | | 21/08/2024 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWA1 | 12-Sep-2024 | 1122 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWA2 | 12-Sep-2024 | 1149 | <0.01 | 0.45 | 0.002 | 0.048 | 95 | 28 | <1 | 131 | 950 | 0.001 | | 3.39 | 7.5 | 15 | <1 | 3.4 | 1.8 | 0.001 | 42 | 0.422 | <0.001 | 0.003 | | 6.5 | 6.88 | 7 | 50.2 | <0.01 | 108 | 0.301 | 168 | 15 | 95 | 9.09 | 9.73 | 532 | <0.005 |
| GWA3 | 13-Sep-2024 | 1250 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA4 | 19-Sep-2024 | 1055 | <0.01 | 0.62 | 0.025 | 0.055 | 395 | 71 | <1 | 210 | 1430 | 0.002 | | 2.69 | 7.2 | 27 | <1 | 2.45 | 11.1 | <0.001 | 46 | 0.356 | <0.001 | 0.012 | | 7 | 7.06 | 16 | 249 | <0.01 | 166 | 0.529 | 91 | 16 | 395 | 15.7 | 15 | 816 | 0.006 |
| GWA5 | 10-Sep-2024 | 1521 | <0.01 | 0.13 | 0.002 | 0.036 | 560 | 543 | <1 | 941 | 8140 | 0.001 | | 2.16 | 9.3 | 12 | <1 | 7.58 | 0.23 | <0.001 | 688 | 0.062 | 0.002 | 0.005 | | 7.5 | 7.62 | 26 | 201 | <0.01 | 1020 | 4.87 | 3500 | 15.5 | 560 | 111 | 129 | 7280 | 0.018 |
| GWA6 | 06-Sep-2024 | 1203 | <0.01 | 0.23 | <0.001 | 0.056 | 585 | 244 | <1 | 456 | 5190 | <0.001 | | 0.89 | 7.1 | 14 | <1 | 0.3 | 0.53 | <0.001 | 291 | 0.207 | <0.001 | 0.004 | | 7.4 | 7.38 | 17 | 190 | <0.01 | 647 | 2.46 | 1910 | 14.5 | 585 | 64.3 | 64.7 | 4160 | <0.005 |
| GWA7 | 10-Sep-2024 | 1320 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA8 | 05-Sep-2024 | 1149 | <0.01 | 0.12 | <0.001 | 0.009 | 368 | 91 | <1 | 244 | 1840 | <0.001 | | 1.34 | 7.4 | 13 | <1 | 0.71 | 0.35 | <0.001 | 78 | 2.88 | <0.001 | 0.005 | | 7.2 | 7.11 | 11 | 202 | <0.01 | 202 | 0.927 | 292 | 15 | 368 | 20.3 | 20 | 1080 | <0.005 |
| GWC1 | 12-Sep-2024 | 1208 | <0.01 | 0.04 | <0.001 | 0.063 | 486 | 143 | <1 | 509 | 3200 | 0.001 | | 9.15 | 6.5 | 20 | <1 | 0.64 | 0.21 | <0.001 | 99 | 0.674 | <0.001 | 0.003 | | 7 | 7.44 | 26 | 56.3 | <0.01 | 429 | 1.4 | 485 | 17 | 486 | 34.2 | 34.6 | 1960 | 0.008 |
| GWC2 | 13-Sep-2024 | 1302 | <0.01 | <0.01 | <0.001 | 0.358 | 495 | 57 | <1 | 118 | 1250 | <0.001 | | 2.35 | 7.8 | 9 | <1 | 2 | 0.11 | <0.001 | 27 | 0.01 | <0.001 | <0.001 | | 7.6 | 7.9 | 26 | 41.9 | <0.01 | 186 | 0.508 | 3 | 16 | 495 | 13.3 | 13.8 | 665 | <0.005 |
| GWC3 | 06-Sep-2024 | 1235 | <0.01 | <0.01 | <0.001 | 0.023 | 588 | 169 | <1 | 333 | 3770 | <0.001 | | 2.26 | 7.8 | 21 | <1 | 5.35 | 0.33 | <0.001 | 164 | 0.632 | 0.002 | 0.149 | | 7 | 7.08 | 45 | 208 | <0.01 | 501 | 1.66 | 921 | 18 | 588 | 40.3 | 44.9 | 2690 | <0.005 |
| GWC4 | 05-Sep-2024 | 1013 | <0.01 | 0.01 | <0.001 | 0.035 | 643 | 177 | <1 | 307 | 2410 | <0.001 | | 13.55 | 7 | 52 | <1 | 0.53 | 1.66 | <0.001 | 83 | 0.036 | <0.001 | <0.001 | | 6.6 | 6.59 | 51 | 228 | <0.01 | 217 | 1.93 | 222 | 19.5 | 643 | 26.1 | 26.4 | 1520 | 0.006 |
| GWC5 | 05-Sep-2024 | 1218 | <0.01 | <0.01 | <0.001 | 0.193 | 2510 | 271 | <1 | 458 | 5570 | 0.005 | | 5.25 | 6.4 | 502 | <1 | 2 | 1.37 | 0.043 | 144 | 1.29 | <0.001 | 0.024 | | 6.6 | 6.63 | 89 | 228 | <0.01 | 881 | 8.65 | 269 | 17.5 | 2510 | 68.7 | 66 | 3440 | 0.016 |
| GWA10 | 13-Sep-2024 | 1118 | <0.01 | 0.34 | 0.011 | 0.036 | 384 | 116 | <1 | 471 | 2890 | 0.023 | 13/09/2024 | 3.25 | 7.1 | 14 | <1 | 0.78 | 6.19 | <0.001 | 108 | 1.09 | <0.001 | 0.005 | | 7.1 | 7.5 | 1 | 70.6 | <0.01 | 393 | 0.891 | 497 | 14.5 | 384 | 31.3 | 31.8 | 1760 | <0.005 |
| GWC10 | 13-Sep-2024 | 1145 | | <0.01 | <0.001 | 0.038 | 382 | 235 | <1 | 380 | 3870 | 0.005 | 13/09/2024 | 2.69 | 9 | 10 | <1 | 0.33 | 0.25 | <0.001 | 134 | 0.061 | <0.001 | 0.003 | | 7.4 | 7.8 | 34 | 69.5 | <0.01 | 518 | 2.17 | 1350 | 15 | 382 | 46.4 | 46.2 | 2780 | <0.005 |
| GWA11 | 13-Sep-2024 | 1015 | <0.01 | 0.29 | <0.001 | 0.021 | 365 | 33 | <1 | 48 | 966 | 0.001 | | 3.5 | 7.3 | 7 | <1 | 4.8 | 0.51 | <0.001 | 28 | 0.131 | <0.001 | 0.001 | | 7.7 | 7.96 | 11 | 59.9 | <0.01 | 150 | 0.37 | 54 | 14.5 | 365 | 9.77 | 10.8 | 516 | <0.005 |
| GWC11 | 13-Sep-2024 | 1050 | | 0.03 | <0.001 | 0.024 | 273 | 90 | <1 | 260 | 2570 | 0.002 | 13/09/2024 | 6.35 | 8.2 | 16 | <1 | 1.05 | 3.21 | <0.001 | 89 | 1.01 | <0.001 | 0.009 | | 6.8 | 7.1 | 25 | 103 | <0.01 | 359 | 0.825 | 706 | 16.5 | 273 | 27.5 | 28.1 | 1620 | 0.011 |
| GWA12 | 19-Sep-2024 | 1224 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC12 | 19-Sep-2024 | 1241 | 0.02 | 0.02 | <0.001 | 0.052 | 658 | 118 | <1 | 227 | 2720 | 0.002 | 19/09/2024 | 6.53 | 6.3 | 15 | <1 | 1.11 | 0.45 | <0.001 | 50 | 0.224 | 0.002 | 0.004 | | 7.4 | 7.57 | 27 | 218 | <0.01 | 439 | 0.89 | 524 | 17.5 | 658 | 30.5 | 29.8 | 1840 | <0.005 |
| GWA14 | 19-Sep-2024 | 1150 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC14 | 19-Sep-2024 | 1207 | 0.02 | 0.02 | <0.001 | 0.038 | 414 | 282 | <1 | 274 | 3540 | 0.006 | 19/09/2024 | 3.04 | 6.9 | 8 | <1 | 2.2 | 0.47 | <0.001 | 120 | 0.214 | 0.002 | 0.006 | | 7.6 | 7.72 | 36 | 212 | <0.01 | 385 | 1.76 | 1320 | 16.5 | 414 | 43.5 | 41.6 | 2800 | 0.007 |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWA15 | 19-Sep-2024 | 1115 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC15 | 19-Sep-2024 | 1134 | 0.02 | 0.03 | <0.001 | 0.039 | 503 | 271 | <1 | 336 | 3650 | 0.004 | 19/09/2024 | 4.49 | 8 | 13 | <1 | 0.35 | 0.21 | <0.001 | 128 | 0.016 | 0.001 | 0.004 | | 7.3 | 7.56 | 39 | 213 | <0.01 | 416 | 2.1 | 1120 | 17 | 503 | 42.8 | 43.2 | 2810 | <0.005 |
| GWC33 | 12-Sep-2024 | 1002 | | | | | | | | | | | 12/09/2024 | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC26 | 12-Sep-2024 | 1052 | | 0.06 | <0.001 | 0.214 | 553 | 28 | <1 | 143 | 1510 | 0.007 | 12/09/2024 | 53.16 | 7.6 | 14 | <1 | 2.92 | 0.36 | <0.001 | 17 | 0.019 | 0.001 | <0.001 | | 7.2 | 7.63 | 17 | 12.8 | <0.01 | 307 | 0.365 | 27 | 20.5 | 553 | 15.6 | 16.6 | 822 | 0.008 |
| GWA16 | 06-Sep-2024 | 1349 | | 0.1 | <0.001 | 0.108 | 660 | 351 | <1 | 5470 | 18600 | <0.001 | | 2.25 | 7.5 | 20 | <1 | 2.59 | 0.2 | <0.001 | 546 | 0.16 | 0.001 | 0.004 | | 7.1 | 7.16 | 16 | 214 | <0.01 | 3190 | 5.38 | 1150 | 16.5 | 660 | 191 | 202 | 12800 | 0.008 |
| GWC16 | 06-Sep-2024 | 1441 | | 0.51 | <0.001 | 0.135 | 666 | 88 | <1 | 387 | 2530 | 0.004 | | 30.69 | 7.3 | 16 | <1 | 0.84 | 3.47 | 0.004 | 43 | 0.042 | <0.001 | <0.001 | | 7.2 | 7.26 | 24 | 205 | <0.01 | 421 | 0.953 | 105 | 20.5 | 666 | 26.4 | 26.8 | 1500 | 0.007 |
| GWC30 | 06-Sep-2024 | 1105 | | 0.03 | <0.001 | 0.053 | 514 | 248 | <1 | 454 | 2800 | 0.041 | 06/09/2024 | 29.56 | 7 | 32 | <1 | 1.2 | 1.71 | <0.001 | 132 | 0.183 | <0.001 | 0.008 | | 6.7 | 6.84 | 46 | 242 | <0.01 | 161 | 2.6 | 365 | 20 | 514 | 30.7 | 31.4 | 1920 | 0.016 |
| GWC31 | 06-Sep-2024 | 1126 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc37 | 05-Sep-2024 | 1358 | | 0.33 | 0.018 | 0.03 | 185 | 129 | <1 | 179 | 2440 | 0.012 | | 25.04 | 6.8 | 37 | <1 | 1.04 | 6.42 | 0.004 | 107 | 1.21 | <0.001 | 0.01 | | 6.2 | 6.35 | 52 | 246 | <0.01 | 257 | 1.48 | 941 | 20.5 | 185 | 28.3 | 27.8 | 1520 | 0.051 |
| GWC27 | 06-Sep-2024 | 1003 | | 0.57 | 0.003 | 0.042 | <1 | 20 | <1 | 314 | 1620 | 0.111 | 06/09/2024 | 15.76 | 7.1 | <1 | <1 | 0.38 | 1.6 | 0.006 | 32 | 2.88 | <0.001 | 0.036 | | 3.9 | 3.98 | 34 | 446 | <0.01 | 224 | 0.144 | 264 | 18.5 | <1 | 14.4 | 14.2 | 1000 | 0.403 |
| GWA32 | 05-Sep-2024 | 1100 | | <0.01 | <0.001 | 0.05 | 632 | 148 | <1 | 724 | 4010 | 0.004 | 05/09/2024 | 1.83 | 7.3 | 16 | <1 | 2.22 | <0.05 | <0.001 | 191 | 0.083 | 0.002 | 0.002 | | 7.2 | 7.3 | 21 | 192 | <0.01 | 482 | 2.22 | 462 | 15 | 632 | 42.7 | 44.6 | 2540 | 0.006 |
| GWC32 | 05-Sep-2024 | 1122 | | <0.01 | <0.001 | 0.035 | 1360 | 158 | <1 | 318 | 3460 | 0.002 | 05/09/2024 | 3.78 | 7.2 | 68 | <1 | 0.24 | 0.1 | <0.001 | 110 | 0.058 | <0.001 | 0.001 | | 6.8 | 6.85 | 44 | 216 | <0.01 | 536 | 4.71 | 261 | 18 | 1360 | 41.6 | 41.4 | 2160 | 0.009 |
| GWA34 | 05-Sep-2024 | 1256 | | 1.16 | <0.001 | 0.026 | 310 | 174 | <1 | 343 | 2890 | 0.016 | 05/09/2024 | 3.69 | 7.6 | 17 | <1 | 1.64 | 0.73 | <0.001 | 188 | 0.052 | 0.002 | 0.031 | | 6.7 | 6.78 | 5 | 221 | 0.01 | 246 | 1.35 | 864 | 17 | 310 | 33.8 | 35 | 2130 | 0.064 |
| GWC34 | 05-Sep-2024 | 1314 | | 0.82 | <0.001 | 0.124 | 1470 | 73 | <1 | 208 | 3990 | 0.017 | | 19.53 | 6.4 | 61 | <1 | 2.79 | 1.5 | 0.005 | 63 | 0.619 | <0.001 | 0.076 | | 7 | 7.07 | 20 | 219 | <0.01 | 860 | 5.14 | 431 | 19 | 1470 | 44.2 | 46.7 | 2670 | 0.068 |
| GWa36 | 13-Sep-2024 | 1216 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc36 | 13-Sep-2024 | 1226 | | 0.04 | <0.001 | 0.019 | 267 | 152 | <1 | 336 | 3960 | <0.001 | | 8 | 6.3 | 45 | <1 | 1.24 | 31.5 | <0.001 | 167 | 2.22 | 0.003 | 0.013 | | 6.5 | 6.78 | 39 | -16.3 | 0.01 | 524 | 1.19 | 1510 | 18 | 267 | 46.2 | 45.1 | 2810 | 0.027 |
| GWC25 | 26-Sep-2024 | 1029 | | 1.08 | 0.002 | 0.127 | 264 | 36 | <1 | 254 | 1390 | 0.04 | 26/09/2024 | 26.24 | 6.8 | 16 | <1 | 3.97 | 1.45 | 0.009 | 56 | 0.755 | <0.001 | 0.026 | | 6.6 | 6.94 | 8 | 305 | <0.01 | 167 | 0.507 | 124 | 19 | 264 | 15 | 13.9 | 791 | 0.017 |
| PZ13 | 06-Sep-2024 | 1258 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| PZ20 | 26-Sep-2024 | 1214 | | 0.87 | <0.001 | 0.025 | 411 | 34 | <1 | 31 | 945 | 0.003 | | 1.83 | 7.2 | 4 | <1 | 0.62 | 0.78 | 0.001 | 40 | 0.211 | <0.001 | 0.004 | | 7.5 | 7.97 | 16 | 257 | <0.01 | 112 | 0.428 | 63 | 13.5 | 411 | 10.4 | 10.3 | 614 | 0.018 |
| PZ21 | 26-Sep-2024 | 1234 | | 1.16 | <0.001 | 0.016 | 319 | 21 | <1 | 19 | 764 | 0.002 | | 3.38 | 7.3 | 2 | <1 | 0.32 | 0.7 | <0.001 | 17 | 0.183 | <0.001 | 0.004 | | 7.7 | 8.09 | 7 | 254 | <0.01 | 126 | 0.256 | 55 | 14 | 319 | 8.05 | 8.11 | 490 | 0.012 |
| PZ26 | 26-Sep-2024 | 1154 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF1 | 26-Sep-2024 | 1305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWF2 | 26-Sep-2024 | 1305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWF3 | 26-Sep-2024 | 1109 | | 0.43 | <0.001 | 0.073 | 773 | 140 | <1 | 292 | 3680 | 0.007 | | 18.45 | 7 | 15 | <1 | 3.67 | 1.34 | 0.003 | 268 | 1.75 | 0.001 | 0.009 | | 6.8 | 7.26 | 38 | 278 | <0.01 | 305 | 2 | 1100 | 19.5 | 773 | 46.6 | 43.3 | 2840 | 0.228 |
| GWF4 | 26-Sep-2024 | 1305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWF5 | 26-Sep-2024 | 1148 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWF7 | 26-Sep-2024 | 1305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Barologger Office | 26-Sep-2024 | 1310 | | | | | | | | | | | 26/09/2024 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWA1 | 25-Oct-2024 | 1152 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWA2 | 17-Oct-2024 | 1122 | <0.01 | 0.1 | <0.001 | 0.042 | 92 | 28 | <1 | 135 | 963 | 0.004 | | 3.22 | 8.6 | 24 | <1 | 1.27 | 1.03 | <0.001 | 38 | 0.287 | <0.001 | 0.002 | | 6.6 | 6.45 | 7 | 279 | <0.01 | 108 | 0.287 | 192 | 15 | 92 | 9.64 | 9.4 | 520 | <0.005 |
| GWA3 | 24-Oct-2024 | 1259 | <0.01 | 24.8 | 0.004 | 0.114 | 334 | 39 | <1 | 283 | 1730 | 0.018 | | 4.05 | 7.2 | 39 | <1 | 7.18 | 17 | 0.012 | 43 | 1.34 | 0.002 | 0.043 | | 6.8 | 6.92 | 2 | 185 | <0.01 | 252 | 0.494 | 211 | 17.5 | 334 | 19 | 16.5 | 1670 | 0.042 |
| GWA4 | 24-Oct-2024 | 1015 | <0.01 | 0.46 | 0.01 | 0.054 | 411 | 65 | <1 | 195 | 1440 | <0.001 | | 2.74 | 6.5 | 30 | <1 | 6.29 | 6.25 | <0.001 | 43 | 0.399 | <0.001 | 0.01 | | 7 | 7.09 | 18 | 195 | <0.01 | 157 | 0.59 | 108 | 16.5 | 411 | 16 | 14.1 | 846 | <0.005 |
| GWA5 | 16-Oct-2024 | 1526 | <0.01 | 0.22 | 0.002 | 0.045 | 591 | 526 | <1 | 1050 | 8670 | 0.003 | | 2.12 | 9 | 12 | <1 | 0.74 | 0.33 | <0.001 | 661 | 0.086 | 0.001 | 0.006 | | 7.5 | 7.65 | 27 | 240 | <0.01 | 964 | 4.8 | 4020 | 15 | 591 | 125 | 123 | 8110 | 0.044 |
| GWA6 | 22-Oct-2024 | 1332 | <0.01 | 0.26 | <0.001 | 0.052 | 562 | 272 | <1 | 495 | 5550 | 0.002 | | 0.93 | 6.1 | 20 | <1 | 0.25 | 0.6 | <0.001 | 292 | 0.162 | <0.001 | 0.004 | | 7.2 | 7.65 | 14 | 143 | <0.01 | 811 | 2.18 | 2290 | 16 | 562 | 72.9 | 73.2 | 4340 | 0.005 |
| GWA7 | 16-Oct-2024 | 1352 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA8 | 21-Oct-2024 | 1432 | <0.01 | 7.82 | 0.001 | 0.068 | 373 | 86 | <1 | 247 | 1770 | 0.008 | | 1.32 | 7 | 19 | <1 | 5.32 | 8.79 | 0.006 | 76 | 8.36 | <0.001 | 0.017 | | 7.1 | 7.4 | 10 | 157 | <0.01 | 196 | 0.816 | 142 | 16.5 | 373 | 17.4 | 19.3 | 999 | 0.03 |
| GWC1 | 17-Oct-2024 | 1141 | <0.01 | 0.03 | <0.001 | 0.058 | 479 | 145 | <1 | 479 | 3130 | <0.001 | | 9.29 | 8.7 | 19 | <1 | 1.08 | 0.19 | <0.001 | 94 | 0.737 | <0.001 | 0.004 | | 7 | 7.07 | 25 | 276 | <0.01 | 403 | 1.38 | 449 | 16.5 | 479 | 32.4 | 33.1 | 1920 | 0.006 |
| GWC2 | 24-Oct-2024 | 1328 | <0.01 | 0.07 | <0.001 | 0.416 | 497 | 52 | <1 | 125 | 1220 | <0.001 | | 2.17 | 7 | 13 | <1 | 5.27 | 0.15 | <0.001 | 22 | 0.013 | <0.001 | <0.001 | | 7.5 | 7.75 | 23 | 210 | <0.01 | 164 | 0.549 | 1 | 17.5 | 497 | 13.5 | 12.1 | 620 | <0.005 |
| GWC3 | 22-Oct-2024 | 1351 | <0.01 | 0.01 | <0.001 | 0.028 | 557 | 205 | <1 | 354 | 4110 | <0.001 | | 2.25 | 5.7 | 31 | <1 | 0.69 | 4.93 | <0.001 | 207 | 0.799 | 0.002 | 0.187 | | 7 | 7.26 | 44 | 112 | <0.01 | 539 | 1.84 | 1510 | 19 | 557 | 52.6 | 51.8 | 3000 | 0.007 |
| GWC4 | 21-Oct-2024 | 1243 | <0.01 | 0.03 | <0.001 | 0.039 | 642 | 185 | <1 | 335 | 2430 | <0.001 | | 13.55 | 6.7 | 60 | <1 | 1.03 | 3.8 | <0.001 | 84 | 0.061 | <0.001 | <0.001 | | 6.6 | 6.87 | 50 | 160 | <0.01 | 216 | 2.07 | 245 | 20 | 642 | 27.4 | 26.8 | 1420 | 0.006 |
| GWC5 | 21-Oct-2024 | 1458 | <0.01 | 0.01 | <0.001 | 0.181 | 2350 | 313 | <1 | 455 | 5420 | 0.002 | | 5.34 | 6.1 | 340 | <1 | 2.78 | 0.58 | 0.019 | 154 | 1.16 | <0.001 | 0.022 | | 6.6 | 6.82 | 90 | 174 | <0.01 | 894 | 8.1 | 285 | 17.5 | 2350 | 65.7 | 69.5 | 3440 | 0.015 |
| GWA10 | 17-Oct-2024 | 1220 | <0.01 | 0.16 | 0.009 | 0.034 | 394 | 116 | <1 | 442 | 2870 | 0.009 | 17/10/2024 | 3.25 | 8.6 | 15 | <1 | 0.17 | 6.41 | <0.001 | 99 | 1.01 | <0.001 | 0.004 | | 7.1 | 7.12 | 1 | 272 | <0.01 | 362 | 0.886 | 445 | 15 | 394 | 29.6 | 29.7 | 1780 | 0.006 |
| GWC10 | 17-Oct-2024 | 1251 | | <0.01 | <0.001 | 0.04 | 382 | 250 | <1 | 359 | 3850 | 0.009 | | 2.75 | 8.6 | 21 | <1 | 2.33 | 0.45 | <0.001 | 131 | 0.269 | <0.001 | 0.002 | | 6.9 | 6.97 | 34 | 277 | <0.01 | 495 | 2.22 | 1240 | 16 | 382 | 43.6 | 45.6 | 2820 | <0.005 |
| GWA11 | 17-Oct-2024 | 1337 | <0.01 | 0.65 | <0.001 | 0.022 | 365 | 31 | <1 | 43 | 931 | 0.001 | | 3.49 | 8.6 | 7 | <1 | 2.72 | 0.84 | <0.001 | 25 | 0.129 | <0.001 | 0.002 | | 7.6 | 7.62 | 10 | 264 | <0.01 | 144 | 0.354 | 52 | 15.5 | 365 | 9.59 | 10.1 | 484 | <0.005 |
| GWC11 | 17-Oct-2024 | 1402 | | 0.06 | <0.001 | 0.028 | 305 | 106 | <1 | 280 | 2740 | 0.001 | 17/10/2024 | 5.42 | 8.8 | 53 | <1 | 3.91 | 6.27 | <0.001 | 100 | 1.4 | <0.001 | 0.006 | | 6.5 | 6.59 | 25 | 252 | <0.01 | 378 | 0.956 | 687 | 17 | 305 | 28.3 | 30.6 | 1810 | 0.016 |
| GWA12 | 24-Oct-2024 | 1154 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC12 | 24-Oct-2024 | 1215 | | 0.02 | <0.001 | 0.061 | 676 | 111 | <1 | 191 | 2770 | 0.002 | | 6.34 | 4.7 | 18 | <1 | 0.68 | 2.72 | <0.001 | 50 | 0.23 | 0.001 | 0.001 | | 7.4 | 7.73 | 28 | 224 | <0.01 | 471 | 1.07 | 595 | 18 | 676 | 31.3 | 30.8 | 1890 | <0.005 |
| GWA14 | 24-Oct-2024 | 1114 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC14 | 24-Oct-2024 | 1133 | | 0.02 | <0.001 | 0.029 | 426 | 270 | <1 | 245 | 3520 | 0.004 | | 3.12 | 6.2 | 9 | <1 | 1.71 | 0.31 | <0.001 | 125 | 0.219 | 0.002 | 0.008 | | 7.6 | 7.92 | 38 | 208 | <0.01 | 417 | 2.02 | 1390 | 17 | 426 | 44.4 | 42.9 | 2760 | 0.006 |
| GWA15 | 24-Oct-2024 | 1035 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC15 | 24-Oct-2024 | 1055 | | 0.02 | <0.001 | 0.044 | 519 | 264 | <1 | 291 | 3650 | 0.003 | | 4.95 | 7.8 | 15 | <1 | 1.22 | 0.18 | <0.001 | 133 | 0.011 | <0.001 | 0.003 | | 7.4 | 7.63 | 41 | 217 | <0.01 | 450 | 2.42 | 1310 | 17.5 | 519 | 45.8 | 44.7 | 2840 | <0.005 |
| GWC33 | 25-Oct-2024 | 1208 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC26 | 25-Oct-2024 | 1124 | | 0.24 | <0.001 | 0.276 | 583 | 16 | <1 | 156 | 1500 | 0.01 | | 52.11 | 6.8 | 16 | <1 | 2.74 | 0.69 | 0.002 | 10 | 0.036 | <0.001 | 0.001 | | 7.3 | 7.57 | 16 | 213 | <0.01 | 313 | 0.382 | 23 | 19 | 583 | 16.5 | 15.6 | 802 | 0.021 |
| GWA16 | 17-Oct-2024 | 1058 | | 1.05 | <0.001 | 0.125 | 698 | 383 | <1 | 5610 | 19600 | 0.002 | | 2.63 | 8.9 | 21 | <1 | 5.78 | 1.38 | 0.001 | 600 | 0.291 | 0.002 | 0.004 | | 7.1 | 7.24 | 17 | 242 | <0.01 | 3510 | 6.32 | 1210 | 15.5 | 698 | 197 | 222 | 13200 | 0.009 |
| GWC16 | 17-Oct-2024 | 1017 | | 0.06 | <0.001 | 0.121 | 659 | 84 | <1 | 361 | 2510 | 0.002 | 17/10/2024 | 30.68 | 8.6 | 18 | <1 | 1.22 | 1.71 | 0.002 | 44 | 0.032 | <0.001 | <0.001 | | 7.2 | 7.23 | 25 | 239 | <0.01 | 418 | 0.874 | 127 | 19 | 659 | 26 | 26.6 | 1470 | 0.014 |
| GWC30 | 22-Oct-2024 | 1127 | | 0.02 | <0.001 | 0.037 | 524 | 197 | <1 | 520 | 2840 | 0.028 | 22/10/2024 | 29.54 | 4.7 | 60 | <1 | 2.41 | 4.43 | <0.001 | 143 | 0.214 | <0.001 | 0.002 | | 6.6 | 6.84 | 44 | 185 | <0.01 | 171 | 1.93 | 313 | 20.5 | 524 | 31.6 | 30.2 | 1820 | 0.008 |
| GWC31 | 22-Oct-2024 | 1148 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc37 | 22-Oct-2024 | 1036 | | 0.44 | 0.026 | 0.027 | 186 | 112 | <1 | 180 | 2430 | 0.01 | | 24.98 | 5.7 | 54 | <1 | 2.14 | 7.75 | 0.002 | 106 | 1.1 | <0.001 | 0.01 | | 6.2 | 6.41 | 53 | 198 | <0.01 | 249 | 1.22 | 906 | 20 | 186 | 27.6 | 26.5 | 1650 | 0.037 |
| GWC27 | 22-Oct-2024 | 952 | | 0.41 | 0.004 | 0.042 | <1 | 12 | <1 | 319 | 1660 | 0.034 | 22/10/2024 | 15.69 | 5.2 | <1 | <1 | 2.68 | 2.47 | 0.012 | 23 | 2.01 | <0.001 | 0.016 | | 3.5 | 3.64 | 31 | 530 | <0.01 | 239 | 0.117 | 261 | 18 | <1 | 14.4 | 13.7 | 911 | 0.252 |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWA32 | 21-Oct-2024 | 1338 | | <0.01 | <0.001 | 0.045 | 619 | 98 | <1 | 700 | 3810 | 0.002 | 21/10/2024 | 1.82 | 7.2 | 14 | <1 | 1.31 | <0.05 | <0.001 | 182 | 0.158 | 0.003 | 0.002 | | 7.2 | 7.54 | 21 | 279 | <0.01 | 464 | 1.88 | 459 | 16 | 619 | 41.7 | 40.6 | 2320 | 0.005 |
| GWC32 | 21-Oct-2024 | 1403 | | <0.01 | <0.001 | 0.032 | 1350 | 68 | <1 | 314 | 3460 | 0.005 | 21/10/2024 | 3.8 | 6.9 | 62 | <1 | 5.44 | 0.06 | <0.001 | 111 | 0.04 | <0.001 | 0.001 | | 6.8 | 7.05 | 46 | 284 | <0.01 | 546 | 4.38 | 285 | 18 | 1350 | 41.8 | 37.4 | 2110 | <0.005 |
| GWA34 | 22-Oct-2024 | 1230 | | 1.58 | <0.001 | 0.025 | 324 | 158 | <1 | 348 | 2930 | 0.017 | 22/10/2024 | 3.69 | 6.1 | 27 | <1 | 3.22 | 1.01 | <0.001 | 189 | 0.041 | 0.002 | 0.024 | | 6.8 | 7.11 | 5 | 276 | 0.01 | 241 | 1.21 | 962 | 17 | 324 | 36.3 | 34 | 2140 | 0.046 |
| GWC34 | 22-Oct-2024 | 1240 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWa36 | 17-Oct-2024 | 1425 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc36 | 17-Oct-2024 | 1435 | | 0.04 | 0.002 | 0.019 | 274 | 159 | <1 | 331 | 3900 | <0.001 | | 8.03 | 7.8 | 66 | <1 | 2.64 | 45.1 | <0.001 | 168 | 2.29 | 0.002 | 0.014 | | 6.5 | 6.54 | 39 | 40.5 | 0.01 | 527 | 1.23 | 1370 | 19 | 274 | 43.3 | 45.7 | 2840 | 0.032 |
| GWC25 | 17-Oct-2024 | 1500 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| PZ13 | 17-Oct-2024 | 1415 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| PZ20 | 17-Oct-2024 | 1500 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| PZ21 | 17-Oct-2024 | 1019 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| PZ26 | 17-Oct-2024 | 1019 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| GWF1 | 17-Oct-2024 | 1019 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| GWF2 | 17-Oct-2024 | 1019 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| GWF3 | 17-Oct-2024 | 1019 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| GWF4 | 17-Oct-2024 | 1019 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| GWF5 | 17-Oct-2024 | 1019 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| GWF7 | 17-Oct-2024 | 1019 | | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| Barologger Office | 30-Oct-2024 | 1221 | | | | | | | | | | | 30/10/2024 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWA1 | 21-Nov-2024 | 1058 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWA2 | 06-Nov-2024 | 1226 | <0.01 | 0.6 | 0.001 | 0.047 | 87 | 27 | <1 | 126 | 931 | 0.001 | | 3.15 | 6.9 | 20 | <1 | 1.14 | 2.29 | <0.001 | 38 | 0.469 | <0.001 | 0.004 | | 6.5 | 6.85 | 7 | 209 | <0.01 | 112 | 0.286 | 193 | 17.5 | 87 | 9.31 | 9.52 | 608 | <0.005 |
| GWA3 | 19-Nov-2024 | 1158 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA4 | 19-Nov-2024 | 950 | <0.01 | 0.56 | 0.009 | 0.049 | 371 | 59 | <1 | 168 | 1340 | 0.002 | | 2.71 | 6.6 | 12 | <1 | 1.19 | 4.75 | <0.001 | 42 | 0.368 | <0.001 | 0.01 | | 6.9 | 7.01 | 17 | 217 | <0.01 | 161 | 0.511 | 97 | 16.5 | 371 | 14.2 | 13.8 | 715 | 0.007 |
| GWA5 | 14-Nov-2024 | 1155 | <0.01 | 0.08 | 0.001 | 0.037 | 612 | 522 | <1 | 1080 | 8790 | 0.002 | | 2.13 | 8.9 | 15 | <1 | 1.28 | 0.17 | <0.001 | 616 | 0.061 | 0.002 | 0.006 | | 7.5 | 7.57 | 28 | 313 | <0.01 | 994 | 4.83 | 3600 | 18.5 | 612 | 118 | 121 | 7960 | 0.02 |
| GWA6 | 19-Nov-2024 | 1238 | <0.01 | 4.36 | 0.002 | 0.085 | 487 | 226 | <1 | 453 | 5230 | 0.008 | | 0.89 | 6.5 | 10 | <1 | 5.98 | 4.07 | 0.004 | 255 | 0.243 | 0.001 | 0.01 | | 7.2 | 7.5 | 22 | 207 | <0.01 | 715 | 2.24 | 2380 | 18 | 487 | 72.1 | 63.9 | 4190 | 0.031 |
| GWA7 | 13-Nov-2024 | 1244 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA8 | 07-Nov-2024 | 1234 | <0.01 | 9.01 | 0.003 | 0.112 | 380 | 90 | <1 | 224 | 1740 | 0.016 | | 1.5 | 7.6 | 47 | <1 | 0.79 | 10.5 | 0.013 | 76 | 9.17 | <0.001 | 0.025 | | 7.1 | 7.11 | 10 | 232 | 0.01 | 196 | 0.885 | 255 | 18 | 380 | 19.2 | 19.5 | 1010 | 0.04 |
| GWC1 | 06-Nov-2024 | 1248 | <0.01 | 0.03 | <0.001 | 0.051 | 408 | 110 | <1 | 421 | 2540 | <0.001 | | 9.15 | 5.8 | 24 | <1 | 1.02 | 0.26 | <0.001 | 80 | 0.854 | <0.001 | 0.004 | | 7 | 7.3 | 21 | 206 | <0.01 | 346 | 1.14 | 394 | 18.5 | 408 | 28.2 | 27.7 | 1790 | <0.005 |
| GWC2 | 19-Nov-2024 | 1208 | <0.01 | 0.37 | <0.001 | 0.415 | 491 | 53 | <1 | 129 | 1240 | 0.001 | | 2.47 | 7.2 | 8 | <1 | 0.85 | 0.41 | <0.001 | 24 | 0.109 | <0.001 | 0.002 | | 7.3 | 7.49 | 25 | 205 | <0.01 | 184 | 0.544 | 2 | 18 | 491 | 13.5 | 13.3 | 748 | <0.005 |
| GWC3 | 19-Nov-2024 | 1257 | <0.01 | 0.07 | <0.001 | 0.034 | 539 | 189 | <1 | 345 | 4120 | <0.001 | | 2.11 | 6.9 | 14 | <1 | 4.39 | 0.81 | <0.001 | 198 | 1.3 | 0.002 | 0.21 | | 7 | 7.16 | 47 | 219 | <0.01 | 514 | 2.01 | 1600 | 20 | 539 | 53.8 | 49.3 | 3140 | 0.016 |
| GWC4 | 07-Nov-2024 | 1029 | <0.01 | 0.01 | <0.001 | 0.036 | 654 | 197 | <1 | 313 | 2400 | <0.001 | | 13.58 | 8.4 | 222 | <1 | 1.74 | 2.21 | <0.001 | 85 | 0.039 | <0.001 | <0.001 | | 6.6 | 6.67 | 50 | 234 | <0.01 | 221 | 1.88 | 234 | 21.5 | 654 | 26.8 | 27.7 | 1480 | 0.006 |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWC5 | 07-Nov-2024 | 1304 | <0.01 | 0.02 | <0.001 | 0.185 | 2550 | 352 | <1 | 466 | 5510 | 0.002 | | 5.33 | 6.8 | 907 | <1 | 2.81 | 0.26 | 0.007 | 161 | 1.14 | <0.001 | 0.022 | | 6.6 | 6.62 | 92 | 240 | <0.01 | 934 | 8.63 | 272 | 19 | 2550 | 69.8 | 73.8 | 3670 | 0.009 |
| GWA10 | 06-Nov-2024 | 1118 | <0.01 | 0.09 | 0.004 | 0.034 | 407 | 114 | <1 | 477 | 2790 | 0.004 | 06/11/2024 | 3.34 | 6.3 | 18 | <1 | 0.61 | 2.53 | <0.001 | 104 | 1.1 | <0.001 | 0.004 | | 7.1 | 7.49 | 1 | 196 | <0.01 | 382 | 0.9 | 465 | 17 | 407 | 31.3 | 30.9 | 1990 | <0.005 |
| GWC10 | 06-Nov-2024 | 1144 | | 0.01 | <0.001 | 0.042 | 398 | 236 | <1 | 355 | 3760 | 0.008 | 06/11/2024 | 3.03 | 6.5 | 24 | <1 | 0.18 | 1.61 | <0.001 | 133 | 0.286 | <0.001 | 0.003 | | 6.9 | 7.28 | 33 | 204 | <0.01 | 502 | 2.27 | 1310 | 18 | 398 | 45.2 | 45.4 | 3340 | <0.005 |
| GWA11 | 06-Nov-2024 | 1012 | <0.01 | 0.2 | <0.001 | 0.026 | 491 | 30 | <1 | 56 | 1180 | <0.001 | | 3.53 | 6.1 | 8 | <1 | 2.19 | 0.45 | <0.001 | 26 | 0.161 | <0.001 | <0.001 | | 7.6 | 7.88 | 11 | 190 | <0.01 | 222 | 0.393 | 77 | 17 | 491 | 13 | 13.6 | 707 | <0.005 |
| GWC11 | 06-Nov-2024 | 1047 | | 0.04 | <0.001 | 0.031 | 315 | 102 | <1 | 286 | 2690 | 0.002 | 06/11/2024 | 6.36 | 6.5 | 47 | <1 | 2.23 | 3.25 | <0.001 | 99 | 1.46 | <0.001 | 0.007 | | 6.5 | 6.91 | 25 | 215 | <0.01 | 383 | 0.93 | 713 | 18.5 | 315 | 29.2 | 30.5 | 2050 | 0.014 |
| GWA12 | 19-Nov-2024 | 1119 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC12 | 19-Nov-2024 | 1137 | | 0.02 | <0.001 | 0.053 | 642 | 130 | <1 | 193 | 2800 | 0.004 | 19/11/2024 | 6.7 | 5.1 | 11 | <1 | 2.29 | 2.27 | <0.001 | 57 | 0.218 | 0.001 | <0.001 | | 7.4 | 7.73 | 29 | 206 | <0.01 | 500 | 1 | 667 | 18 | 642 | 32.2 | 33.7 | 1900 | <0.005 |
| GWA14 | 19-Nov-2024 | 1046 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC14 | 19-Nov-2024 | 1101 | | 0.02 | <0.001 | 0.044 | 406 | 289 | <1 | 239 | 3570 | 0.004 | 19/11/2024 | 3.2 | 6.8 | 7 | <1 | 1.7 | 0.27 | <0.001 | 139 | 0.193 | 0.002 | 0.005 | | 7.6 | 7.89 | 39 | 205 | <0.01 | 439 | 1.79 | 1570 | 17.5 | 406 | 47.5 | 46 | 2810 | 0.006 |
| GWA15 | 19-Nov-2024 | 1011 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC15 | 19-Nov-2024 | 1028 | | 0.01 | <0.001 | 0.042 | 489 | 272 | <1 | 288 | 3750 | 0.003 | 19/11/2024 | 4.9 | 7.6 | 10 | <1 | 1.85 | 0.14 | <0.001 | 147 | 0.013 | <0.001 | 0.002 | | 7.3 | 7.61 | 41 | 213 | <0.01 | 474 | 2.29 | 1500 | 17 | 489 | 49.1 | 47.3 | 2900 | <0.005 |
| GWC33 | 19-Nov-2024 | 1515 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC26 | 21-Nov-2024 | 1028 | | 0.19 | <0.001 | 0.246 | 584 | 26 | <1 | 150 | 1510 | 0.006 | 21/11/2024 | 51.72 | 8 | 16 | <1 | 4.88 | 0.64 | 0.003 | 13 | 0.029 | <0.001 | 0.001 | | 7.2 | 7.28 | 14 | 142 | <0.01 | 278 | 0.383 | 21 | 20 | 584 | 16.3 | 14.8 | 790 | 0.012 |
| GWA16 | 19-Nov-2024 | 1414 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC16 | 19-Nov-2024 | 1441 | | 0.09 | <0.001 | 0.117 | 624 | 66 | <1 | 327 | 2250 | 0.003 | | 30.43 | 7.2 | 11 | <1 | 4.04 | 4.01 | 0.002 | 40 | 0.038 | <0.001 | <0.001 | | 7.2 | 7.47 | 22 | 210 | <0.01 | 422 | 0.677 | 88 | 21 | 624 | 23.5 | 25.5 | 1330 | 0.012 |
| GWC30 | 21-Nov-2024 | 1316 | | 0.04 | <0.001 | 0.054 | 523 | 215 | <1 | 499 | 2830 | 0.044 | 21/11/2024 | 29.53 | 6.8 | 68 | <1 | 0.78 | 5.3 | <0.001 | 140 | 0.228 | <0.001 | 0.003 | | 6.6 | 6.67 | 44 | 242 | <0.01 | 169 | 2.1 | 321 | 20.5 | 523 | 31.2 | 30.7 | 1970 | 0.018 |
| GWC31 | 21-Nov-2024 | 1340 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc37 | 07-Nov-2024 | 1433 | | 0.34 | 0.024 | 0.029 | 190 | 124 | <1 | 171 | 2400 | 0.007 | | 24.91 | 7.3 | 151 | <1 | 2.71 | 8.88 | 0.002 | 106 | 1.15 | <0.001 | 0.007 | | 6.2 | 6.32 | 54 | 88.1 | <0.01 | 244 | 1.41 | 810 | 21.5 | 190 | 25.5 | 26.9 | 1760 | 0.042 |
| GWC27 | 14-Nov-2024 | 1304 | | 0.38 | 0.004 | 0.053 | <1 | 14 | <1 | 309 | 1630 | 0.037 | 14/11/2024 | 15.74 | 7.7 | <1 | <1 | 0.45 | 2.47 | 0.01 | 25 | 2.25 | <0.001 | 0.02 | | 3.6 | 3.75 | 31 | 508 | <0.01 | 238 | 0.126 | 243 | 19.5 | <1 | 13.8 | 13.9 | 848 | 0.296 |
| GWA32 | 07-Nov-2024 | 1127 | | <0.01 | <0.001 | 0.043 | 630 | 140 | <1 | 701 | 3770 | 0.003 | 07/11/2024 | 2.1 | 7.2 | 51 | <1 | 0.12 | <0.05 | <0.001 | 179 | 0.209 | 0.003 | <0.001 | | 7.2 | 7.35 | 22 | 161 | <0.01 | 443 | 2.01 | 446 | 18.5 | 630 | 41.6 | 41.6 | 2500 | <0.005 |
| GWC32 | 07-Nov-2024 | 1200 | | <0.01 | <0.001 | 0.034 | 1390 | 162 | <1 | 308 | 3420 | 0.004 | | 3.83 | 6.4 | 298 | <1 | 1.46 | 0.14 | 0.002 | 109 | 0.037 | <0.001 | <0.001 | | 6.7 | 6.86 | 46 | 188 | <0.01 | 518 | 4.36 | 265 | 20 | 1390 | 42 | 40.8 | 2170 | <0.005 |
| GWA34 | 07-Nov-2024 | 1344 | | 1.23 | <0.001 | 0.026 | 341 | 173 | <1 | 335 | 2910 | 0.015 | 07/11/2024 | 3.72 | 7.9 | 59 | <1 | 1.17 | 0.96 | <0.001 | 184 | 0.048 | 0.002 | 0.022 | | 6.8 | 6.9 | 5 | 192 | 0.01 | 232 | 1.3 | 814 | 19 | 341 | 33.2 | 34 | 2130 | 0.047 |
| GWC34 | 07-Nov-2024 | 1358 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWa36 | 19-Nov-2024 | 1339 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc36 | 19-Nov-2024 | 1351 | | 0.04 | 0.004 | 0.021 | 252 | 162 | <1 | 347 | 3830 | <0.001 | | 8.21 | 5.7 | 21 | <1 | 3.6 | 57.6 | 0.001 | 177 | 2.35 | 0.004 | 0.016 | | 6.4 | 6.6 | 39 | 62.9 | 0.03 | 535 | 1.2 | 1710 | 20 | 252 | 50.4 | 46.9 | 2860 | 0.037 |
| GWC25 | 05-Dec-2024 | 949 | | 0.26 | <0.001 | 0.12 | 236 | 35 | <1 | 249 | 1400 | 0.034 | 05/12/2024 | 27.05 | 7.4 | 39 | <1 | 5.65 | 0.5 | 0.003 | 54 | 0.539 | <0.001 | 0.026 | | 6.5 | 6.85 | 7 | 182 | <0.01 | 145 | 0.508 | 118 | 20 | 236 | 14.2 | 12.7 | 781 | 0.012 |
| PZ13 | 06-Nov-2024 | 1305 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| PZ20 | 05-Dec-2024 | 1129 | | 0.89 | 0.001 | 0.024 | 256 | 25 | <1 | 23 | 691 | 0.002 | | 1.37 | 7.4 | 15 | <1 | 3.85 | 1.6 | 0.002 | 28 | 0.488 | <0.001 | 0.008 | | 7.4 | 7.52 | 13 | 172 | <0.01 | 75 | 0.29 | 41 | 19 | 256 | 6.62 | 7.15 | 378 | 0.012 |
| PZ21 | 05-Dec-2024 | 1156 | | 4.47 | 0.002 | 0.027 | 283 | 27 | <1 | 20 | 771 | 0.004 | | 2.41 | 7 | 14 | <1 | 3.6 | 3.24 | 0.003 | 20 | 0.156 | 0.001 | 0.007 | | 7.5 | 7.72 | 8 | 183 | <0.01 | 112 | 0.274 | 62 | 18 | 283 | 7.51 | 8.07 | 556 | 0.019 |
| PZ26 | 05-Dec-2024 | 1253 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWF1 | 05-Dec-2024 | 1305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWF2 | 05-Dec-2024 | 1305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWF3 | 05-Dec-2024 | 1034 | | 0.15 | <0.001 | 0.059 | 659 | 173 | <1 | 227 | 3200 | 0.002 | | 18.05 | 6.9 | 30 | <1 | 4.47 | 0.71 | <0.001 | 229 | 1.59 | 0.002 | 0.006 | | 6.8 | 7.01 | 37 | 203 | <0.01 | 250 | 1.65 | 786 | 21.5 | 659 | 35.9 | 39.3 | 2220 | 0.025 |
| GWF4 | 05-Dec-2024 | 1305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWF5 | 05-Dec-2024 | 1305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWF7 | 05-Dec-2024 | 1305 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Barologger Office | 07-Nov-2024 | 1500 | | | | | | | | | | | 29/11/2024 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWA1 | 13-Dec-2024 | 1239 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWA2 | 06-Dec-2024 | 1041 | <0.01 | 1.34 | 0.002 | 0.058 | 88 | 29 | <1 | 130 | 981 | 0.002 | | 3.14 | 7.4 | 20 | <1 | 0.95 | 2.01 | 0.002 | 39 | 0.438 | <0.001 | 0.004 | | 6.4 | 6.67 | 8 | 224 | <0.01 | 113 | 0.364 | 218 | 18.5 | 88 | 9.96 | 9.78 | 639 | <0.005 |
| GWA3 | 17-Dec-2024 | 1223 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA4 | 17-Dec-2024 | 939 | <0.01 | 0.08 | 0.009 | 0.057 | 393 | 80 | <1 | 193 | 1530 | <0.001 | | 2.64 | 6.1 | 12 | <1 | 2.1 | 5.38 | <0.001 | 48 | 0.415 | <0.001 | 0.009 | | 6.9 | 7.1 | 18 | 230 | <0.01 | 176 | 0.62 | 101 | 18 | 393 | 15.4 | 16 | 856 | <0.005 |
| GWA5 | 10-Dec-2024 | 1447 | <0.01 | 0.1 | 0.001 | 0.035 | 664 | 569 | <1 | 1060 | 8680 | 0.001 | | 1.87 | 9.1 | 15 | <1 | 4.27 | 0.26 | <0.001 | 656 | 0.066 | 0.001 | 0.006 | | 7.4 | 7.65 | 31 | 222 | <0.01 | 1030 | 4.94 | 3570 | 20.5 | 664 | 117 | 128 | 7990 | 0.021 |
| GWA6 | 13-Dec-2024 | 1146 | <0.01 | 0.09 | 0.001 | 0.058 | 643 | 261 | <1 | 444 | 5270 | <0.001 | | 1.01 | 6.9 | 8 | <1 | 3.66 | 0.4 | <0.001 | 283 | 0.373 | 0.001 | 0.004 | | 7.3 | 8.04 | 20 | 242 | <0.01 | 683 | 2.42 | 2220 | 20.5 | 643 | 71.6 | 66.5 | 4300 | 0.007 |
| GWA7 | 10-Dec-2024 | 1225 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWA8 | 12-Dec-2024 | 1414 | <0.01 | 1.19 | <0.001 | 0.066 | 387 | 85 | <1 | 245 | 1780 | 0.004 | | 1.45 | 6.5 | 5 | <1 | 3.37 | 1.44 | 0.005 | 75 | 9.34 | <0.001 | 0.01 | | 7.1 | 7.84 | 10 | 238 | <0.01 | 196 | 0.857 | 283 | 19 | 387 | 20.5 | 19.2 | 1060 | 0.012 |
| GWC1 | 06-Dec-2024 | 1101 | <0.01 | 0.02 | <0.001 | 0.055 | 396 | 114 | <1 | 424 | 2610 | <0.001 | | 9.02 | 7.4 | 12 | <1 | 3.07 | 0.69 | <0.001 | 78 | 1.11 | <0.001 | 0.004 | | 7 | 7.12 | 21 | 244 | <0.01 | 337 | 1.25 | 440 | 18.5 | 396 | 29 | 27.3 | 1640 | 0.008 |
| GWC2 | 17-Dec-2024 | 1235 | <0.01 | 0.04 | <0.001 | 0.385 | 468 | 61 | <1 | 117 | 1240 | 0.002 | | 2.42 | 6.5 | 9 | <1 | 1.95 | 0.95 | <0.001 | 21 | 0.089 | <0.001 | 0.001 | | 7.2 | 7.37 | 25 | 222 | <0.01 | 178 | 0.513 | <1 | 20 | 468 | 12.6 | 13.2 | 677 | <0.005 |
| GWC3 | 13-Dec-2024 | 1204 | <0.01 | <0.01 | <0.001 | 0.027 | 570 | 206 | <1 | 326 | 3980 | <0.001 | | 2.13 | 6.7 | 7 | <1 | 3.92 | 0.49 | <0.001 | 197 | 0.87 | 0.001 | 0.177 | | 7 | 7.82 | 47 | 243 | <0.01 | 509 | 1.91 | 1600 | 20.5 | 570 | 53.9 | 49.8 | 2990 | 0.007 |
| GWC4 | 13-Dec-2024 | 1109 | <0.01 | <0.01 | <0.001 | 0.033 | 640 | 191 | <1 | 331 | 2400 | <0.001 | | 13.6 | 6.5 | 15 | <1 | 1.14 | 2.62 | <0.001 | 84 | 0.036 | <0.001 | <0.001 | | 6.6 | 7.27 | 51 | 259 | <0.01 | 222 | 1.88 | 284 | 21 | 640 | 28 | 27.4 | 1450 | <0.005 |
| GWC5 | 12-Dec-2024 | 1343 | <0.01 | <0.01 | <0.001 | 0.197 | 2520 | 331 | <1 | 488 | 5530 | 0.001 | | 5.3 | 5.9 | 553 | <1 | 1.2 | 0.06 | <0.001 | 157 | 1.26 | <0.001 | 0.022 | | 6.6 | 6.87 | 92 | 273 | <0.01 | 932 | 7.97 | 312 | 18.5 | 2520 | 70.6 | 72.3 | 3650 | 0.012 |
| GWA10 | 06-Dec-2024 | 1236 | <0.01 | 0.06 | 0.004 | 0.034 | 398 | 110 | <1 | 474 | 2880 | 0.004 | 06/12/2024 | 3.24 | 7.2 | 11 | <1 | 5.25 | 1.73 | <0.001 | 95 | 1.03 | <0.001 | 0.004 | | 7.1 | 7.2 | 1 | 237 | <0.01 | 361 | 0.955 | 525 | 18.5 | 398 | 32.2 | 29 | 1860 | <0.005 |
| GWC10 | 06-Dec-2024 | 1306 | | <0.01 | <0.001 | 0.043 | 386 | 240 | <1 | 372 | 3890 | 0.006 | | 2.36 | 7.4 | 14 | <1 | 0.4 | 1.35 | <0.001 | 125 | 0.26 | <0.001 | 0.002 | | 6.9 | 7.06 | 31 | 239 | <0.01 | 474 | 2.45 | 1240 | 19 | 386 | 44 | 43.7 | 2960 | <0.005 |
| GWA11 | 06-Dec-2024 | 1142 | <0.01 | 0.9 | <0.001 | 0.027 | 410 | 31 | <1 | 40 | 996 | 0.002 | | 3.47 | 6.9 | 5 | <1 | 1.36 | 0.93 | 0.001 | 25 | 0.143 | <0.001 | 0.002 | | 7.7 | 7.72 | 10 | 225 | <0.01 | 158 | 0.413 | 54 | 18.5 | 410 | 10.4 | 10.7 | 554 | <0.005 |
| GWC11 | 06-Dec-2024 | 1208 | | 0.04 | <0.001 | 0.031 | 308 | 108 | <1 | 299 | 2760 | 0.002 | 06/12/2024 | 6.42 | 7.4 | 26 | <1 | 6.51 | 2.37 | <0.001 | 97 | 1.49 | <0.001 | 0.008 | | 6.5 | 6.69 | 25 | 247 | <0.01 | 368 | 1.02 | 942 | 19.5 | 308 | 34.2 | 30 | 1920 | 0.016 |
| GWA12 | 17-Dec-2024 | 1140 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC12 | 17-Dec-2024 | 1200 | | <0.01 | <0.001 | 0.051 | 600 | 137 | <1 | 208 | 2880 | <0.001 | 19/12/2024 | 6.69 | 6 | 10 | <1 | 2.09 | 1.75 | <0.001 | 53 | 0.237 | <0.001 | <0.001 | | 7.4 | 7.66 | 28 | 224 | <0.01 | 465 | 1.07 | 623 | 19 | 600 | 30.8 | 32.1 | 1920 | <0.005 |
| GWA14 | 17-Dec-2024 | 1057 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC14 | 17-Dec-2024 | 1114 | | <0.01 | <0.001 | 0.026 | 380 | 305 | <1 | 259 | 3620 | <0.001 | 19/12/2024 | 3.31 | 6.9 | 6 | <1 | 3.42 | 0.11 | <0.001 | 124 | 0.21 | 0.002 | 0.006 | | 7.6 | 7.75 | 37 | 221 | <0.01 | 396 | 2 | 1240 | 19.5 | 380 | 40.7 | 43.6 | 2800 | <0.005 |
| GWA15 | 17-Dec-2024 | 955 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC15 | 17-Dec-2024 | 1040 | | <0.01 | <0.001 | 0.045 | 476 | 318 | <1 | 304 | 3890 | <0.001 | 19/12/2024 | 5.12 | 7.6 | 11 | <1 | 1.73 | 0.37 | <0.001 | 140 | 0.07 | <0.001 | 0.001 | | 7.1 | 7.32 | 41 | 233 | <0.01 | 446 | 2.54 | 1510 | 18.5 | 476 | 49.5 | 47.8 | 2990 | <0.005 |

| a Sample Location | Sampling Date | Sampling Time | Aluminium mg/L | Arsenic mg/L | Arsenic mg/L | Barium mg/L | Bicarbonate Alkalinity as CaCO3 mg/L | Calcium - Dissolved mg/L | Carbonate Alkalinity as CaCO3 mg/L | Chloride mg/L | Conductivity @ 25oC µS/cm | Copper mg/L | Data Download | Depth to Standpipe m | Dissolved Oxygen - Dissolved mg/L | Free Carbon Dioxide as CO2 mg/L | Hydroxide Alkalinity as CaCO3 mg/L | Ionic Balance % | Iron mg/L | Lead mg/L | Magnesium - Dissolved mg/L | Manganese mg/L | Molybdenum mg/L | Nickel mg/L | No Sample 1=Dry 2=Inadequate Vol 3=Not Stabilised 4=No access | pH pH Unit | pH Redox pH Unit | Potassium - Dissolved mg/L | Redox Potential mV | Selenium mg/L | Sodium - Dissolved mg/L | Strontium mg/L | Sulfate as SO4 - Turbidimetric mg/L | Temperature °C | Total Alkalinity as CaCO3 mg/L | Total Anions meq/L | Total Cations meq/L | Total Dissolved Solids @180°C - Dissolved mg/L | Zinc mg/L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GWC33 | 06-Dec-2024 | 1420 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWC26 | 13-Dec-2024 | 1309 | | 0.02 | <0.001 | 0.222 | 560 | 30 | 23 | 162 | 1480 | <0.001 | 13/12/2024 | 51 | 7 | 4 | <1 | 1.53 | 0.24 | <0.001 | 14 | 0.021 | <0.001 | 0.001 | | 7.2 | 8.21 | 16 | 232 | <0.01 | 302 | 0.366 | 23 | 22 | 583 | 16.7 | 16.2 | 854 | <0.005 |
| GWA16 | 06-Dec-2024 | 941 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWC16 | 06-Dec-2024 | 1005 | | 0.03 | <0.001 | 0.106 | 614 | 54 | <1 | 326 | 2160 | 0.001 | 06/12/2024 | 29.88 | 7.1 | 12 | <1 | 3.35 | 1.13 | <0.001 | 25 | 0.034 | <0.001 | <0.001 | | 7.2 | 7.29 | 20 | 234 | <0.01 | 370 | 0.702 | 66 | 22 | 614 | 22.8 | 21.4 | 1240 | <0.005 |
| GWC30 | 12-Dec-2024 | 1158 | | 0.02 | <0.001 | 0.043 | 535 | 223 | <1 | 529 | 2880 | 0.033 | 12/12/2024 | 29.41 | 6.3 | 11 | <1 | 1.18 | 5.05 | <0.001 | 144 | 0.242 | <0.001 | 0.004 | | 6.6 | 7.32 | 45 | 260 | <0.01 | 175 | 2.13 | 331 | 22 | 535 | 32.5 | 31.7 | 2030 | 0.01 |
| GWC31 | 12-Dec-2024 | 1215 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc37 | 12-Dec-2024 | 1117 | | 0.1 | 0.028 | 0.023 | 189 | 129 | <1 | 192 | 2420 | 0.004 | | 24.94 | 6.2 | 9 | <1 | 0.32 | 7.18 | <0.001 | 107 | 1.12 | <0.001 | 0.007 | | 6.2 | 6.97 | 51 | 270 | <0.01 | 248 | 1.32 | 863 | 21 | 189 | 27.2 | 27.3 | 1760 | 0.034 |
| GWC27 | 12-Dec-2024 | 1035 | | 0.38 | 0.003 | 0.047 | <1 | 17 | <1 | 330 | 1600 | 0.043 | 12/12/2024 | 15.78 | 6.8 | <1 | <1 | 5.62 | 1.87 | 0.008 | 24 | 2.25 | <0.001 | 0.018 | | 3.9 | 4.14 | 30 | 462 | <0.01 | 237 | 0.107 | 300 | 19.5 | <1 | 15.6 | 13.9 | 904 | 0.279 |
| GWA32 | 13-Dec-2024 | 1001 | | <0.01 | <0.001 | 0.042 | 560 | 139 | <1 | 670 | 3680 | <0.001 | 13/12/2024 | 1.96 | 7.4 | 6 | <1 | 2 | <0.05 | <0.001 | 179 | 0.139 | 0.004 | 0.002 | | 7.3 | 8.06 | 22 | 289 | <0.01 | 454 | 1.92 | 492 | 18.5 | 560 | 40.3 | 42 | 2440 | <0.005 |
| GWC32 | 13-Dec-2024 | 1032 | | 0.03 | <0.001 | 0.037 | 1290 | 174 | <1 | 316 | 3450 | 0.012 | 13/12/2024 | 3.84 | 4.3 | 28 | <1 | 3.64 | 1.94 | 0.005 | 115 | 0.083 | <0.001 | 0.001 | | 6.6 | 7.07 | 47 | 309 | <0.01 | 570 | 4.33 | 305 | 19 | 1290 | 41 | 44.1 | 2160 | 0.052 |
| GWA34 | 12-Dec-2024 | 1302 | | 1.08 | <0.001 | 0.025 | 351 | 186 | <1 | 343 | 2940 | 0.021 | 12/12/2024 | 3.77 | 7.5 | 5 | <1 | 0.82 | 1.36 | <0.001 | 189 | 0.092 | 0.002 | 0.024 | | 6.8 | 7.66 | 5 | 298 | 0.01 | 247 | 1.3 | 942 | 19 | 351 | 36.3 | 35.7 | 2280 | 0.051 |
| GWC34 | 12-Dec-2024 | 1310 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWa36 | 06-Dec-2024 | 1342 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| GWc36 | 06-Dec-2024 | 1349 | | 0.02 | 0.002 | 0.019 | 287 | 148 | <1 | 372 | 3900 | <0.001 | | 8.05 | 6.6 | 28 | <1 | 1.59 | 33.5 | <0.001 | 154 | 2.35 | 0.001 | 0.015 | | 6.5 | 6.57 | 35 | 29.2 | 0.03 | 487 | 1.31 | 1310 | 20.5 | 287 | 43.5 | 42.1 | 2880 | 0.026 |
| GWC25 | 19-Dec-2024 | 1028 | | 0.15 | <0.001 | 0.108 | 268 | 37 | <1 | 248 | 1410 | 0.014 | 19/12/2024 | 27.05 | 8.1 | 35 | <1 | 5.61 | 0.35 | 0.002 | 56 | 0.874 | <0.001 | 0.022 | | 6.5 | 6.66 | 6 | 185 | <0.01 | 154 | 0.413 | 122 | 20 | 268 | 14.9 | 13.3 | 842 | 0.007 |
| PZ13 | 17-Dec-2024 | 1305 | | | | | | | | | | | | Dry | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| PZ20 | 19-Dec-2024 | 1159 | | 0.76 | 0.002 | 0.033 | 387 | 33 | <1 | 27 | 886 | 0.003 | | 1.95 | 7.6 | 7 | <1 | 1.12 | 1.47 | 0.001 | 36 | 0.868 | <0.001 | 0.006 | | 7.5 | 7.5 | 13 | 179 | <0.01 | 97 | 0.317 | 42 | 19 | 387 | 9.37 | 9.16 | 598 | 0.012 |
| PZ21 | 19-Dec-2024 | 1216 | | 0.96 | <0.001 | 0.016 | 345 | 29 | <1 | 22 | 825 | 0.003 | | 3.23 | 7.8 | 5 | <1 | 3.44 | 0.6 | <0.001 | 19 | 0.136 | <0.001 | 0.003 | | 7.6 | 7.66 | 6 | 179 | <0.01 | 122 | 0.242 | 75 | 18.5 | 345 | 9.08 | 8.47 | 624 | 0.009 |
| PZ26 | 19-Dec-2024 | 1234 | | | | | | | | | | | | Dry | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| GWF1 | 19-Dec-2024 | 1246 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWF2 | 19-Dec-2024 | 1246 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GWF3 | 19-Dec-2024 | 1116 | | 0.14 | <0.001 | 0.052 | 747 | 187 | <1 | 254 | 3460 | 0.004 | | 18.22 | 8.4 | 37 | <1 | 0.38 | 0.46 | 0.001 | 246 | 1.46 | <0.001 | 0.006 | | 6.8 | 6.93 | 32 | 212 | <0.01 | 267 | 1.48 | 972 | 21 | 747 | 42.3 | 42 | 2850 | 0.034 |

# Groundwater Review

# Annual Review – Wilpinjong Coal Mine

## 2024 Groundwater Compliance

**Wilpinjong Coal Mine**
1434 Ulan-Wollar Road Wilpinjong, NSW

Prepared by:

**SLR Consulting Australia**

SLR Project No.: 665.v10014.02417

28 March 2025

Revision: 2.0

Making Sustainability Happen

## Revision Record

| Revision | Date | Prepared By | Checked By | Authorised By |
|---|---|---|---|---|
| 1.0 | 25 March 2025 | R Phayer and A Skorulis | D Western | D Western |
| 2.0 | 28 March 2025 | R Phayer and A Skorulis | D Western | D Western |
| | | | | |

# Basis of Report

This report has been prepared by SLR Consulting Australia (SLR) with all reasonable skill, care and diligence, and taking account of the timescale and resources allocated to it by agreement with Wilpinjong Coal Pty Ltd (the Client). Information reported herein is based on the interpretation of data collected, which has been accepted in good faith as being accurate and valid.

This report is for the exclusive use of the Client. No warranties or guarantees are expressed or should be inferred by any third parties. This report may not be relied upon by other parties without written consent from SLR.

SLR disclaims any responsibility to the Client and others in respect of any matters outside the agreed scope of the work.

# Executive Summary

The annual groundwater review for Wilpinjong Coal Mine (WCM) contributes to the requirements of the Annual Review (AR) for WCM for the 2024 calendar year. It also contains the analysis and information required to address the relevant water licence conditions 'water year' 01 July 2023 - 30 June 2024. The report addresses the following objectives:

1. Reporting against the commitments in the WCM Groundwater Monitoring Program (GWMP) – 01 January 2024 to 31 December 2024.
2. Reporting against water licence conditions for WAL41862 – 01 July 2023 to 30 June 2024 with review of inferred inflows from water balance modelling and groundwater modelling.

Above average rainfall conditions were experienced in 2024 preceded by below average rainfall from conditions from in 2023. This has resulted in the stabilisation or increase in groundwater levels across many alluvial and coal measures monitoring sites.

The following assessment has been made with respect to compliance triggers:

- Alluvium bores GWa3, GWa12, GWa14, and GWa15 have exceeded the lower depth-to-water trigger level during 2024. An inspection at these locations in response to this trigger exceedance was undertaken in November 2024 which identified that these sites contained sediment or were obstructed rather than showing true dry conditions. These bores are recommended to be considered for replacement in future updates to the GWMP.
- Coal measures bores GWc1, GWc3, GWc4 and GWc5 have exceeded the EC trigger level during 2024.
  - GWc1 and GWc3 were replaced in November 2024 as both sites had large sumps which may have resulted in difficulties in removing stagnant water from the bores to gain representative groundwater samples.
  - EC trigger levels at GWc4 and GWc5 were updated in V6.0 of the GWMP, which has been submitted but not yet approved, to consider all observation data to the end of 2023 as there are no observable changes to groundwater quality at this location due to Wilpinjong operations. Both GWc4 and GWc5 would not have exceeded the EC trigger in 2024 under their updated levels.
- No pumping occurred from the WCPL supply borefield in 2024 and none of the cease-to-pump trigger levels were exceeded

The assessment of modelled vs observed levels for 2024 within the shallow groundwater system indicates the timing and magnitude of predicted WCM impacts generally correlate well, often predicting a subdued response to rainfall compared to pre-mining observations that is also seen in the observed data. Modelled groundwater levels at the coal monitoring bores generally continue to show a good correlation with the timing and magnitude of observed drawdown.

As the last numerical model review was completed in early 2020 (SLR, 2020a), recent (2020-2024) climatic conditions are not captured in the model used for this AR, and the observed responses to recent climatic conditions during this time are not currently reproduced by the groundwater model.

An updated version of the numerical groundwater model is undergoing independent peer review in early 2025. This model has been developed in support of groundwater assessments associated with proposed future mining in EL 9399 and is calibrated using observation data up to December 2023. Compared to the SLR (2020a) model, the updated model includes observed climate and stream flow series between 2020 and 2023, an updated representation of Wilpinjong operations based on actual mining in this period (as approved under SSD-6764) and will also be recalibrated to groundwater level observations from 2015 to 2023. This updated model should better capture recently observed groundwater trends and be better suited to evaluating potential discrepancies between observations and model predictions that could indicate unexpected groundwater impacts.

WCPL holds a groundwater licence for 3,212 ML/a under WAL 41862 for the Sydney Basin North Coast Groundwater Source. For the 2023-2024 water year the numerical model (SLR, 2020a) predicts an inflow of 550 ML/a while the water balance model estimates groundwater inflow of 694 ML/a (SLR, 2025). Both these values are below WCPL's entitlement, indicating WCPL is compliant with licence conditions for WAL 41862.

WCPL holds a groundwater licence for 474 ML/a for the Wollar Creek Water Source to account for alluvial groundwater take. The SLR (2020a) numerical model predicts alluvial groundwater take of around 172 ML/year, this predicted take is below and compliant with the licence volume held by WCM.

# Table of Contents

# Tables



# Figures

# Appendices

# 1.0 Introduction

SLR Consulting Australia Pty Ltd (SLR) was commissioned by Wilpinjong Coal Pty Ltd (WCPL) to conduct the groundwater component of the 2024 Annual Review for Wilpinjong Coal Mine (WCM).

This report contributes to the requirements of the Annual Review (AR) for the WCM for the 2024 calendar year. It also contains the analysis and information required to address the relevant water licence conditions 'water year' 01 July 2023 - 30 June 2024. The report addresses two main objectives:

1. Reporting against the commitments in the WCM Groundwater Monitoring Program (GWMP) – 01 January 2024 to 31 December 2024.
2. Reporting against water licence conditions for WAL41862 – 01 July 2023 to 30 June 2024 with review of inferred inflows from water balance modelling and groundwater modelling.

While the commitments in the GWMP postdate the water licence conditions, the data presented to meet the GWMP commitments is relevant to addressing water licence conditions.

Open cut pit names and mining progression during 2024 is presented in **Figure 1**, which indicates that mining continued in Pit 6 and Pit 8 in 2024, while backfilling and rehabilitation occurred in areas where mining was recently completed (Pit 7, Pit 5, Pit 2). Groundwater monitoring bore locations are shown in **Figure 2**.

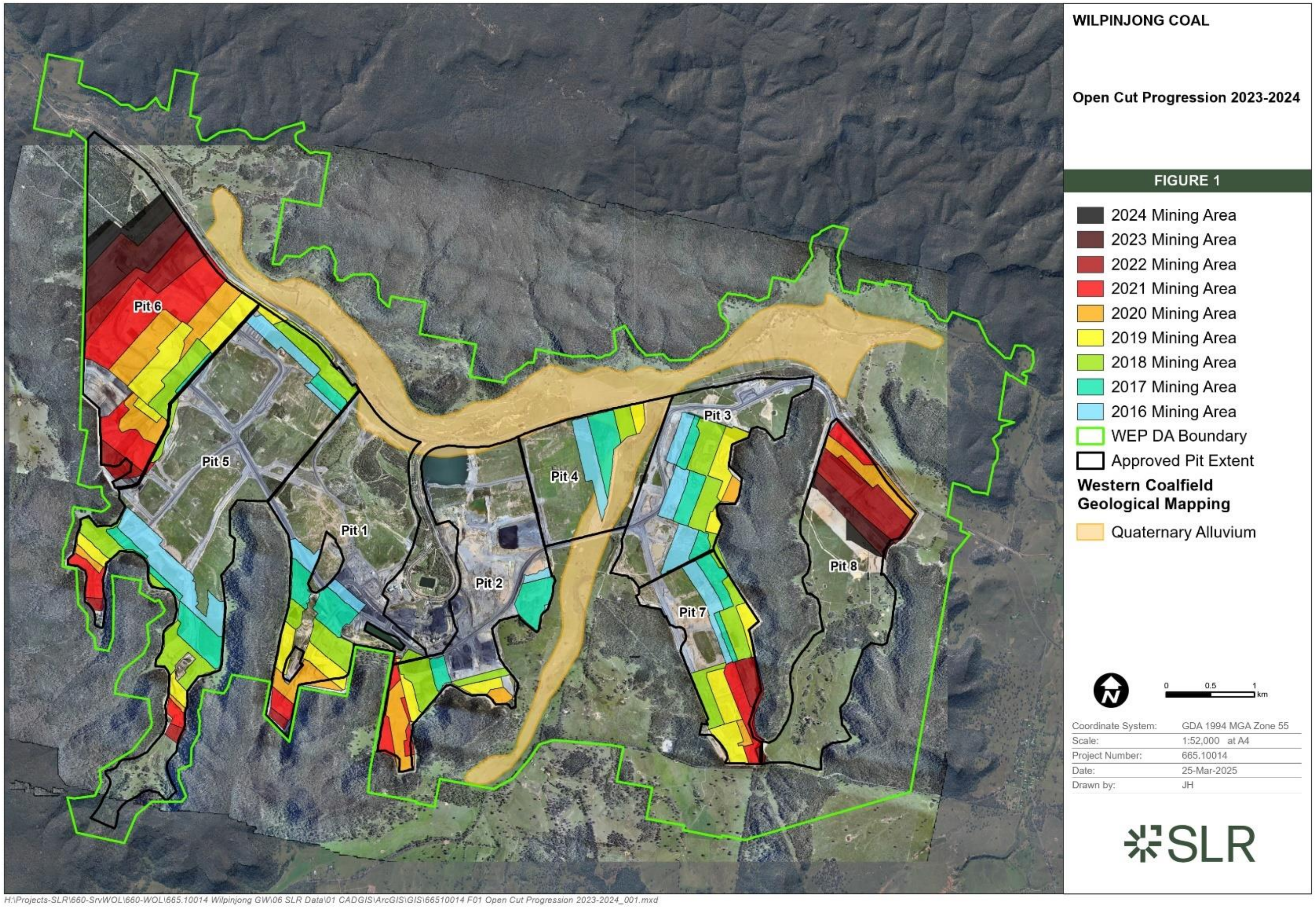



**Figure 1 Wilpinjong Coal Mine Open Cut Progression 2016 – 2024**

## 1.1 Groundwater Works Undertaken in 2024

The following groundwater works were commissioned by Wilpinjong Coal Mine and undertaken in 2024 in line with the recommendations of previous Annual Reviews, requests from the Department of Planning and the Environment, to maintain the monitoring network, and to expand the monitoring network to be suitable for proposed future operations.

### 1.1.1 Hydrogeological Investigations for Proposed Future Mining

Eight new groundwater monitoring locations were established in July, August and December 2024 with the objective of providing baseline groundwater level, groundwater quality and aquifer parameter data prior to the development of proposed future Wilpinjong operations. Tasks associated with this work are summarised in the points below and **Table 1**.

- Hydraulic Packer testing performed on two boreholes (SGN028 and SGN037A).
- Multi-level vibrating wire piezometer (VWP) installation on two boreholes (SGN028 and SGN037A).
- Standpipe piezometer installation at six locations (SGN003A, SGN003B, SGN037B, TRN095A, TRN095B and TRN095C)
- Slug testing performed on all installed standpipe piezometers (SP).
- Bore development of the newly installed standpipe piezometers.
- Installation and commissioning of telemetry units for remote groundwater level monitoring.

**Table 1: New groundwater monitoring locations for proposed future mining**

| Hole ID | Date Constructed | Easting[1] | Northing[1] | Depth (mbgl) | Type | Groundwater Monitoring – Target Lithology | Hydraulic Testing – Type |
|---|---|---|---|---|---|---|---|
| SGN003A | 24-07-2024 | 774737.3 | 6421005.4 | 31.8 | SP | ICM (Illawarra Coal Measures) above Ulan Seam (overburden) | Slug testing |
| SGN003B | 24-07-2024 | 774727.5 | 6421013.5 | 3.7 | SP | Alluvium | Slug testing |
| SGN028 | 31-07-2024 | 775775.4 | 6420778.5 | 80.7 | VWP | 2x above Ulan Seam (overburden), 1x Ulan seam, 1x under Ulan Seam (Underburden) | Packer testing |
| SGN037A | 13-12-2024 | tbd | | 84 | VWP | 2x above Ulan Seam (overburden), 1x Ulan seam, 1x under Ulan Seam (Underburden) | Packer testing |
| SGN037B | 02-12-2024 | tbd | | 5 | SP | Shallow standpipe in palaeochannel/ Alluvium | Slug testing |
| TRS095A | 13-08-2024 | 779009.3 | 6418250.5 | 101.6 | SP | under Ulan Seam (Underburden) | Slug testing |
| TRS095B | 14-08-2024 | 779019.3 | 6418238.8 | 50 | SP | Igneous rocks | Slug testing |

| Hole ID | Date Constructed | Easting[1] | Northing[1] | Depth (mbgl) | Type | Groundwater Monitoring – Target Lithology | Hydraulic Testing – Type |
|---|---|---|---|---|---|---|---|
| TRS095C | 16-08-2024 | 778991.5 | 6418252.5 | 3.4 | SP | Alluvium/ shallow unconsolidated strata | Slug testing |

### 1.1.2 Downhole Camera and Well Development

Several monitoring bores within the Wilpinjong network have been exceeding depth to water trigger levels despite near average and above average rainfall conditions from 2022 to 2024. The wells exceeding depth to water triggers frequently had a measured total depth that was shallower than previously measured. This warranted an investigation of well integrity.

- Downhole Camera (DHC) survey to confirm screened interval depths and standpipe integrity at 4 locations which were exceeding depth to water trigger levels (GWa3, GWa12, GWa14, GWa15).
- Attempted repair/ clearing of obstructions followed by bore development to remove silt/ sediment within each monitoring wells screened interval.

Summary report (SLR, 2024c) provided to Wilpinjong in December.

**Table 2: Bore development and investigation summary**

| Bore ID | Inspection Date/Time | Summary/ outcome | Recommendations/ comments |
|---|---|---|---|
| GWa3 | 17-10-2024 15:25 | Removed gravel during development | Manually slotted screens not consistent with construction guidelines, consider replacement. |
| GWa12 | 17-10-2024 11:31 | Recovered bailer from the bore. | Manually slotted screens not consistent with construction guidelines, consider replacement. |
| GWa14 | 17-10-2024 13:20 | Cleaned silt/dirt from the bottom of the well. Bailer not recovered from well. | Manually slotted screens not consistent with construction guidelines. Bore remains obstructed. Consider replacement. |
| GWa15 | 17-10-2024 13:42 | Two bailers lodged and not recovered from GWa15. Bailers impeded reaching base of bore while developing. | Manually slotted screens not consistent with construction guidelines, bore remains obstructed. Consider replacement. |

### 1.1.3 New and Replacement Bores

Previous annual reviews and trigger exceedance investigations identified difficulties in interpreting groundwater level and quality data at several bores within the Wilpinjong monitoring network due to a lack of construction and lithology logs, or due to the well construction identified in downhole camera investigations.

Agency correspondence also requested that additional alluvial/ shallow monitoring locations be installed along Wilpinjong Creek adjacent to Pit 6 to help evaluate potential Pit 6 mining effects.

Five replacement and two new monitoring locations were established in November 2024 (**Table 3**)

**Table 3: Replacement alluvial bores**

| Bore ID | Construction Date | Easting[1] | Northing[1] | Construction Type | Total Depth (m) | GW Monitoring - Target Lithology | Borehole Status |
|---|---|---|---|---|---|---|---|
| GWa7 | 01-12-2024 | 776724 | 6420831 | Standpipe | 4.62 | Wilpinjong Creek Alluvium | Replacement |
| GWa5 | 16-11-2024 | 772681 | 6418092 | Standpipe | 4.33 | Alluvium along Cumbo Creek | Replacement |
| GWc38 | 13-11-2024 | 768091 | 6422351 | Standpipe | 20 | Weathered Coal Measures | New |
| GWa39 | 13-11-2024 | 768609 | 6421611 | Standpipe | 9 | Wilpinjong Creek/Planters Creek Alluvium | New |
| GWc1 | 14-11-2024 | 773519 | 6420113 | Standpipe | 43.4 | Coal Measures (Ulan Seam) | Replacement |
| GWc3 | 15-11-2024 | 773519 | 6420074 | Standpipe | 16.5 | Coal Measures (Moolarben Seam) | Replacement |
| GWa6 | 15-11-2024 | 773480 | 6420111 | Standpipe | 4.5 | Wilpinjong Creek Alluvium | Replacement |

[1]Locations to be finalised once surveyed.

## 1.2 Groundwater Monitoring

The WCM groundwater monitoring network has been in place since April 2006. Many paired monitoring bores have been drilled and installed along the Wilpinjong Creek alluvium, with a shallow bore screened in the alluvium and a deeper bore screened across the target coal seam. Several additional monitoring bores were drilled in late 2013 around the periphery of the site, in Pit 8 and along Wollar Creek (**Figure 2**).

New monitoring locations from **Section 1.1** will be included in future updates to the GWMP and monitoring network figures.

The numerical modelling conducted for the Wilpinjong Coal Mine predicts minimal drawdown (approximately 1 m) in the shallow alluvial groundwater system along Wilpinjong Creek. Drawdowns are predicted to be less pronounced in the more distant alluvium associated with Wollar Creek to the east of WCM (Peabody, 2017). Numerical modelling predicts a substantial reduction in potentiometric head in the Illawarra Coal Measures near WCM due to depressurisation from cumulative mining activity (which includes WCM, Moolarben Coal and Ulan Coal operations). Accordingly, trigger levels for water levels in the coal measures are considered unwarranted (Peabody, 2017).

For monitoring bores with sufficient records, a brief cause-and-effect review of temporal changes in groundwater level and quality has been completed in **Section 1.4 and 1.5**, with potential causes being variation in rainfall recharge, creek flow, short-term dewatering/production pumping, and mining effects.

The hydrographs for additional selected alluvial and coal measures bores that demonstrate gradients between the shallow and deeper aquifers through time are included in Appendix A (**Figure A 1** to **Figure A 17**).

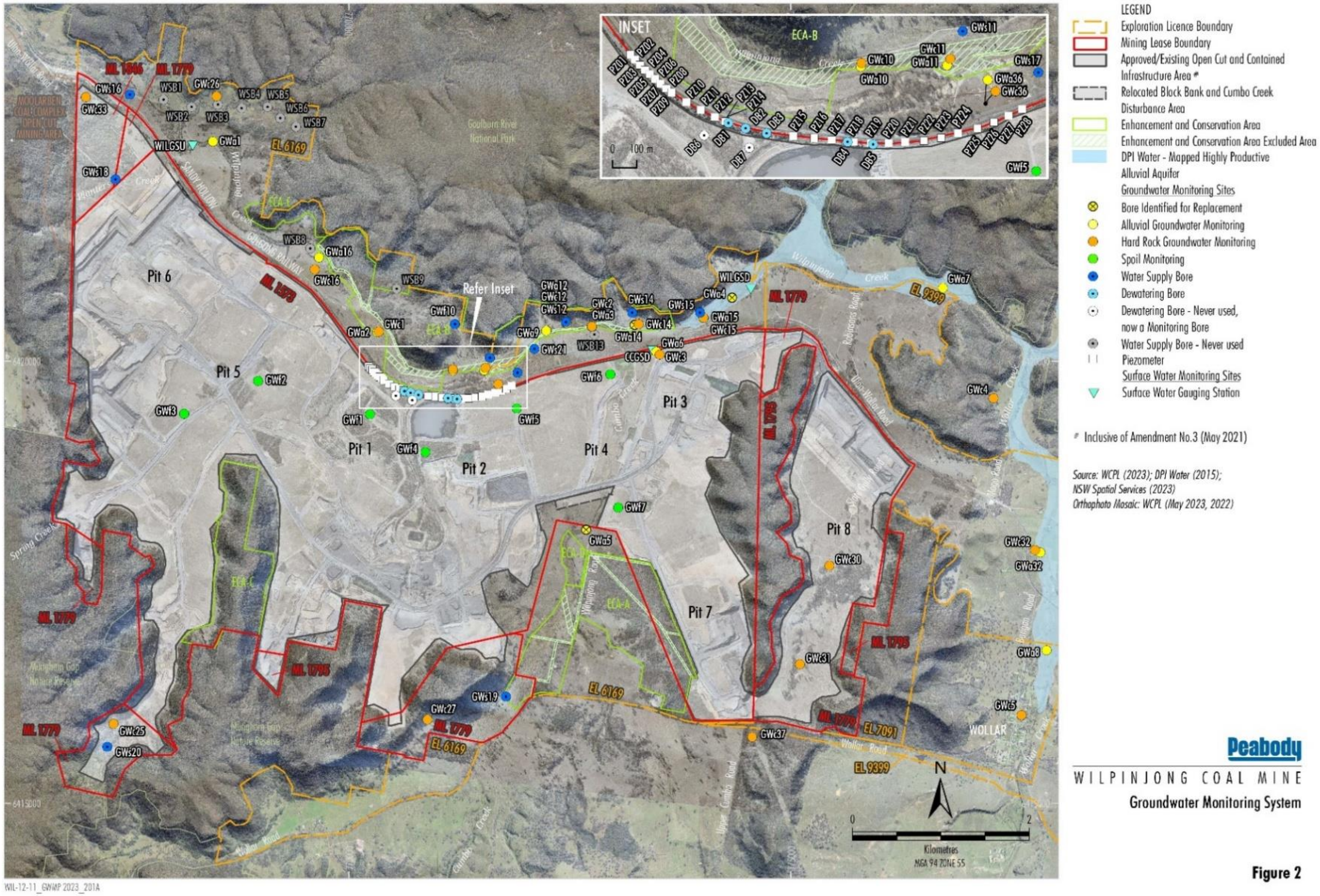



Figure 2 Groundwater Monitoring Sites at Wilpinjong Coal Mine

## 1.3 Climate Data

**Table 4** displays monthly and annual rainfall compared to the long-term average at the Wollar (Barrigan St) BOM station for 2016-2024. Above average rainfall conditions were experienced in 2024 preceded below average rainfall conditions in 2023. The annual total rainfall recorded in 2024 was 779 mm, 29% higher than the long-term average of 600.7 mm.

**Table 5** presents the total rainfall observed by the on-site rainfall gauge in 2024. Overall, in 2024 rainfall recorded on-site at WCM is slightly lower than at the Wollar BOM station with a total of 717.5 mm.

Variation in annual rainfall has been identified as a key influence on groundwater levels and trends.

### Table 4: BOM Rainfall Station 062032 (Wollar, Barrigan St) Rainfall Data

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Avg** | 67.2 | 62.3 | 55.1 | 39.3 | 37.0 | 43.7 | 42.9 | 41.1 | 41.7 | 52.1 | 57.0 | 60.9 | 600.7 |
| **2016** | 101.2 | 10.4 | 21.4 | 3.0 | 67.0 | 114.2 | 82.4 | 44.0 | 181.2 | 74.2 | 41.0 | 36.2 | 776.2 |
| **2017** | 13* | 31.0 | 127.0 | 19.0 | 24.4 | 12.0 | 1.4 | 25.6 | 2.0 | 30.0 | 62.6 | 86.4 | 421.4 |
| **2018** | 13.4 | 66.2 | 41.4 | 47.0 | 12.6 | 22.0 | 6.5 | 25.5 | 51.0 | 48.5 | 44.4 | 117.6 | 496.1 |
| **2019** | 72.0 | 5.0 | 110.5 | 0.0 | 20.0 | 6.0 | 4.0 | 10.0 | 23.0 | 7.0 | 30.0 | 6.0 | 293.5 |
| **2020** | 37.0 | 151.0 | 110.2 | 118.0 | 35.0 | 31.3 | 86.0 | 36.0 | 75.7 | 128.0 | 21.5 | 149.3 | 979.0 |
| **2021** | 43.8 | 107.0 | 157.5 | 2.5 | 11.0 | 82.0 | 68.2 | 21.0 | 45.0 | 72.0 | 183.0 | 134.0 | 927.0 |
| **2022** | 169.0 | 17.0 | 139.5 | 65.0 | 38.0 | 14.5 | 109.0 | 100.5 | 94.5 | 126.0 | 85.0 | 31.0 | 989.0 |
| **2023** | 49.0 | 28.5 | 55.0 | 43.5 | 4.0 | 30.5 | 24.0 | 39.0 | 16.5 | 42.5 | 97.5 | 85.5 | 515.5 |
| **2024** | 88.5 | 39.5 | 71 | 73.9 | 63.5 | 81.5 | 60 | 42.5 | 36 | 52 | 103 | 68 | 779.4 |
| *** No rainfall recorded at Wollar (Barrigan St). Rainfall from Bylong (Glenview) – 062107 used.** | | | | | | | | | | | | | |

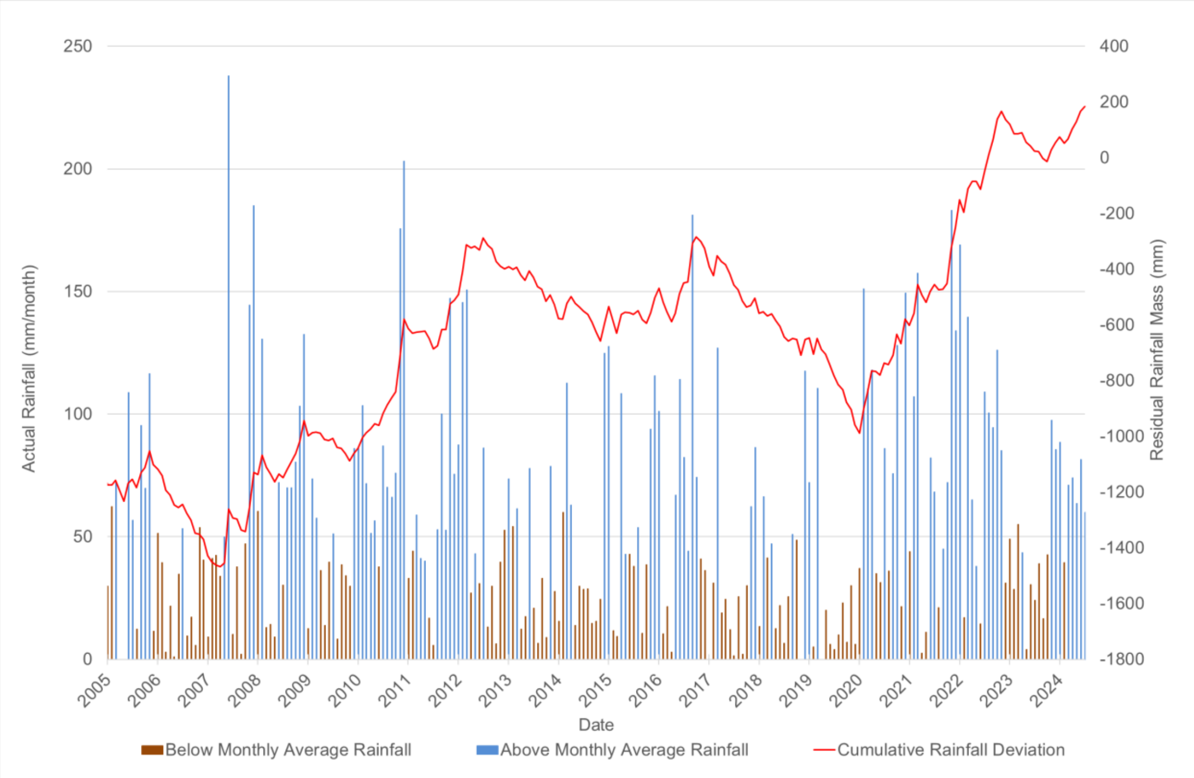
### Table 5: Wilpinjong Site 24-hour Rainfall Data

| | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Annual |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **2019** | 54.8 | 7.4 | 108.8 | 0 | 17.6 | 10.6 | 2.6 | 10.2 | 23 | 5.6 | 22 | 3 | 265.6 |
| **2020** | 27.2 | 127 | 92 | 117 | 16 | 23.4 | 70 | 36.4 | 77.2 | 150.6 | 17.4 | 161.6 | 915.8 |
| **2021** | 52.6 | 126.6 | 159.8 | 1.8 | 9.4 | 84.4 | 66.6 | 25.4 | 44.2 | 40.8 | 249.2 | 81.4 | 942.2 |
| **2022** | 101.4 | 16 | 119.8 | 95 | 43.6 | 13 | 136.4 | 103.2 | 93.8 | 185.4 | 64 | 26.6 | 998.2 |
| **2023** | 48.6 | 24.6 | 64.6 | 47.8 | 2.8 | 28.8 | 23.2 | 29.6 | 18 | 36.2 | 94 | 59.4 | 477.6 |
| **2024** | 78.6 | 32.8 | 75 | 61.8 | 69.2 | 58.8 | 39.8 | 42.5 | 36 | 52 | 103 | 68 | 717.5 |

The cumulative rainfall departure (CRD) shows trends in actual rainfall over time relative to the long-term average and provides a historical record of relatively wet and dry periods. A positive slope in the CRD indicates periods of above average rainfall, while a negative slope indicates periods of below average rainfall. A level trace indicates rainfall conditions are equal to average rainfall conditions.

The CRD from the Wollar (Barrigan St) BOM station **Figure 3**, shows a decline in the CRD for the for most of 2023 with below average annual rainfall conditions. The last two months in 2023 see an increase in CRD consistent with higher rainfall in November and December, with the upward trend in the CRD continuing for 2024 reflecting the above-average rainfall conditions.

**Figure 3: Monthly Rainfall and CRD**




## 1.4 Groundwater Level Data

**Figure 4** presents the groundwater hydrographs for alluvial bores near Wilpinjong Creek, in relation to the long-term rainfall trend. The groundwater table in the alluvium varies between approximately 373 mAHD (at GWa2 in the west) and 355 mAHD (at GWa4 in the east) over approximately 4.0 km, with a hydraulic gradient of 0.475% (0.00475) towards the east.

The water table in the alluvium is stable to slightly increasing at most bores in 2024 and correlates with above average rainfall through 2024, indicating that rainfall is a key recharge mechanism for the alluvial aquifer.

**Figure 5** presents the groundwater hydrographs for all coal measures (Permian aged Illawarra Coal Measures) monitoring bores from the west (higher elevations) to the east (lower elevations), in relation to rainfall residual mass and the commencement of mining in each Pit. The hydrographs show the expected response of drawdown varying with distance from mining activity. In 2024, groundwater levels in coal measures monitoring wells away from active mining may show stable or increasing groundwater levels while locations nearer active mining may show some decline.

There is also historical evidence of upward hydraulic gradients from Permian strata to the Wilpinjong Creek alluvium which would have provided a source of recharge to the alluvium and possible baseflow to Wilpinjong Creek (**Figure 6**). Drawdown due to WCM operations reverses the historical upward gradient at some monitoring locations, with a downward gradient observed from the alluvium to the underlying coal measures from 2014 to 2023. However, **Figure 6** also shows recovery in Permian strata in response to above average rainfall conditions from 2020 to 2022, with a return to upward gradients from Permian to alluvial strata observed for some of 2023 and 2024.

**Figure 4: Transition in Alluvial Bore Groundwater Levels from West to East Along Wilpinjong Creek**

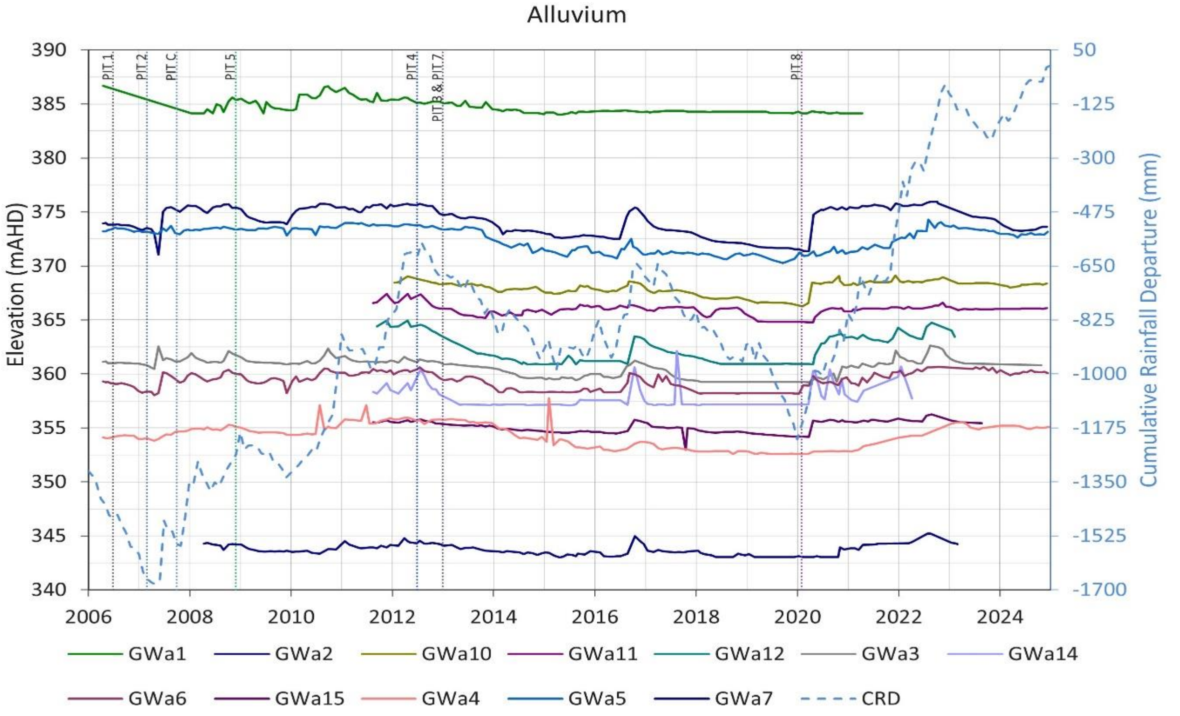



**Figure 5: Coal Measures Bore Groundwater Levels**

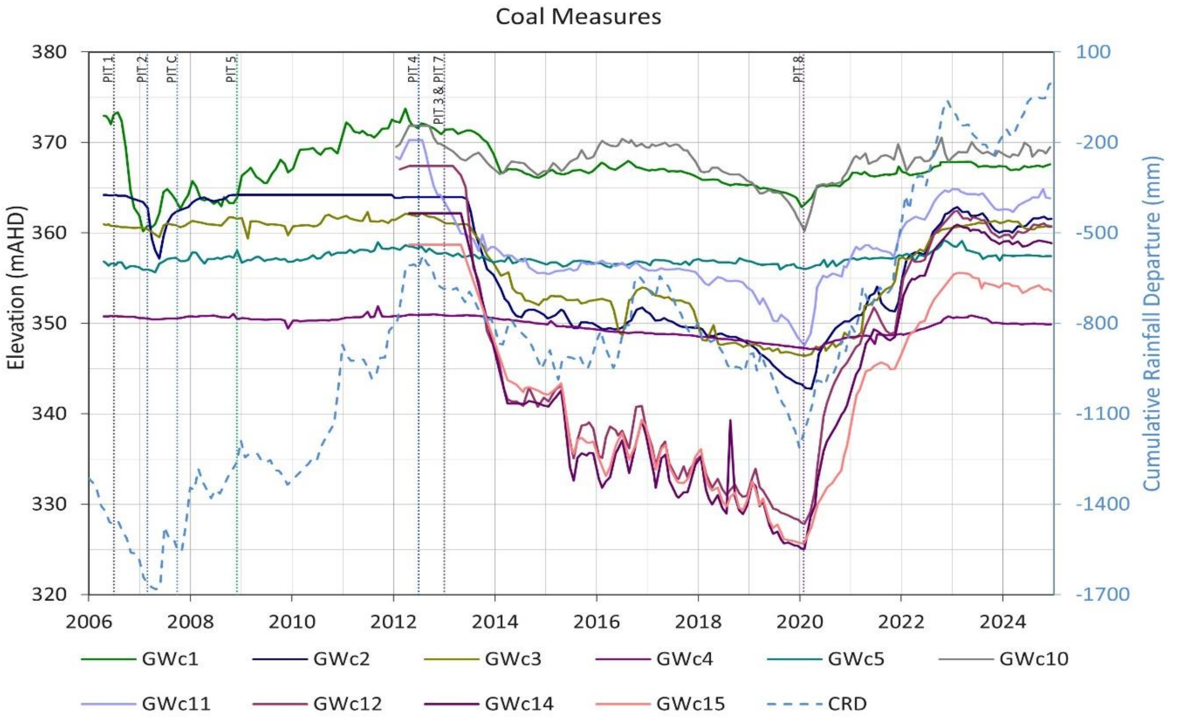
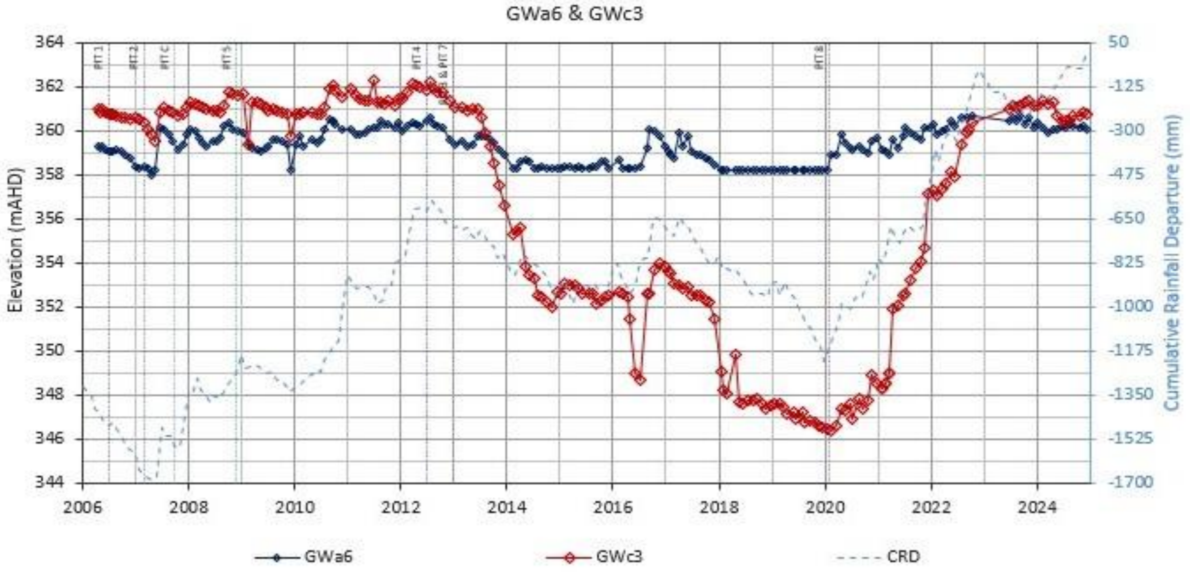
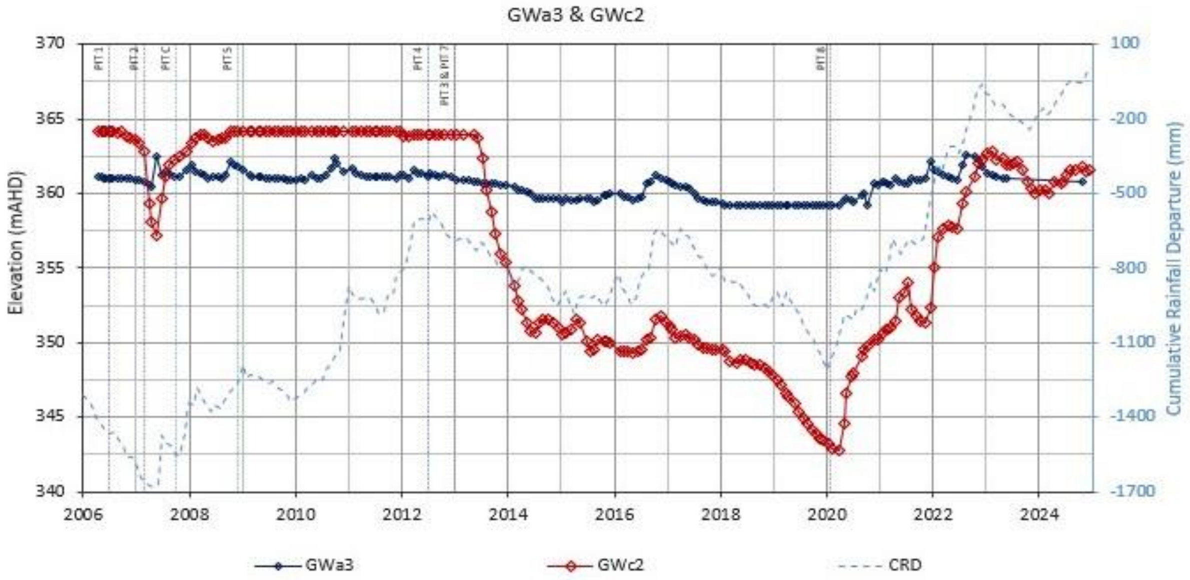


**Figure 6: Example Hydrographs showing Vertical Gradient between Permian and Alluvial Strata.**



## 1.5 Groundwater Quality Data

Groundwater electrical conductivity (EC) statistics have been computed for select alluvial and coal measures monitoring bores using a total of 121 measurements from January 2024 until December 2024 (**Table 6**). The lowest mean salinity in the alluvial monitoring bores is 930 µS/cm at GWa2, whereas the highest mean salinity is 9,750 µS/cm at Gwa5. The lowest mean salinity in the coal measures monitoring bores is 1,239 µS/cm at GWc2, whereas the highest mean is 5,446 µS/cm at GWc5. Box and whisker plots of alluvial and coal measures EC observations are also presented in **Table 7**. These plots also enable visual comparison of water quality differences between coal measures and alluvial sites and are presented from upstream to downstream along Wilpinjong Creek.

Overall, groundwater at alluvial monitoring sites is more saline than groundwater at coal seam monitoring sites. This suggests that the alluvial waters sourced from the Permian sediments (i.e. an upward gradient is observed) may be concentrated through evapotranspiration or evaporation.

**Table 6: Groundwater Electrical Conductivity Statistics in 2024**

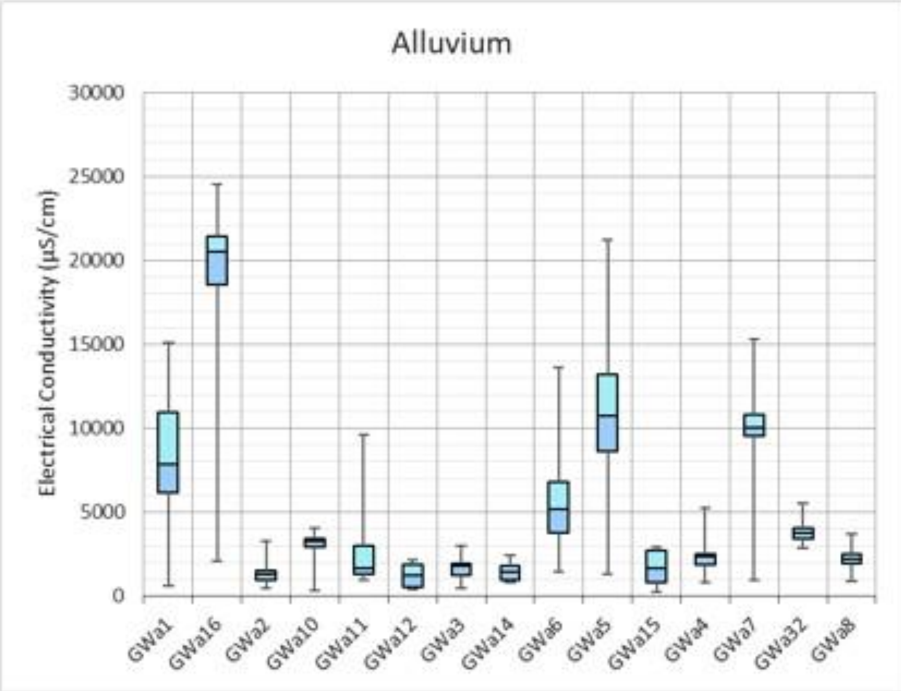
| Alluvium Monitoring Bores | Mean (µS/cm) | Std. Dev (µS/cm) | Coal Monitoring Bores | Mean (µS/cm) | Std. Dev (µS/cm) | Location |
|---|---|---|---|---|---|---|
| **GWa1** | N/A | N/A | - | - | - | North of Pit 6: Far west |
| **GWa2** | 930 | 33 | GWc1 | 2869 | 501 | North of Pit 1 |
| **GWa3** | 1730 | 0 | GWc2 | 1239 | 19 | North of Pit 4 |
| **GWa4** | 1556 | 122 | - | - | - | North-east of Pit 3 |
| **GWa5** | 9705 | 1458 | - | - | - | South of Pit 4 on Cumbo Ck |
| **GWa6** | 4910 | 660 | GWc3 | 3733 | 266 | Northern end of Cumbo Ck |
| **GWa7** | N/A | N/A | GWc4 | 2418 | 31 | North-east of Slate Gully |
| **GWa8** | 1746 | 64 | GWc5 | 5446 | 85 | Wollar: SE of Slate Gully |

N/A no data/ bore dry

The highest salinities recorded occur near Cumbo Creek to the south of Pit 4, near Wilpinjong Creek north of Pit 6 and near Wilpinjong Creek to the north-east of Pit 8. The lowest salinities recorded are along Wilpinjong Creek from Pit 1 to Pit 4, upstream of the Cumbo Creek junction, and on Wollar Creek.

Temporal variations in groundwater salinity in the alluvium and coal seam bores have been plotted with rainfall residual mass and the commencement of mining in each pit (**Figure 8** and **Figure 9**). Alluvial sites have a large variability in salinities, from very high with large fluctuations to near fresh and stable that bear some relationship with rainfall and flow in Wilpinjong Creek. The salinities in the coal measures monitoring bores are generally more stable.

**Figure 7: Box Plots for Electrical Conductivity in Alluvium and Coal Measures Monitoring Bores**



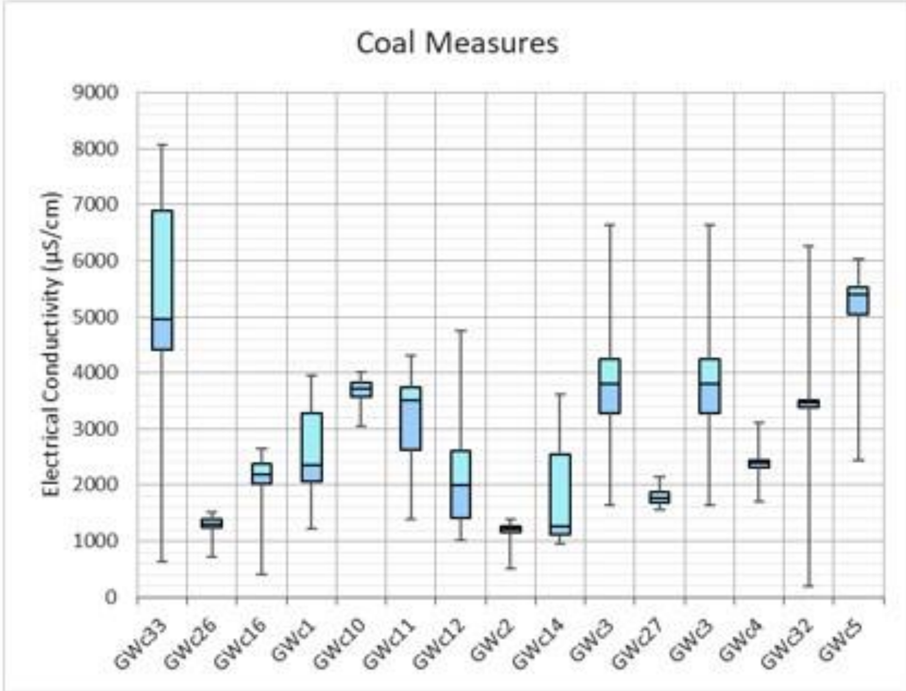



**Figure 8: Alluvial Bore Groundwater Electrical Conductivity along Wilpinjong Creek**

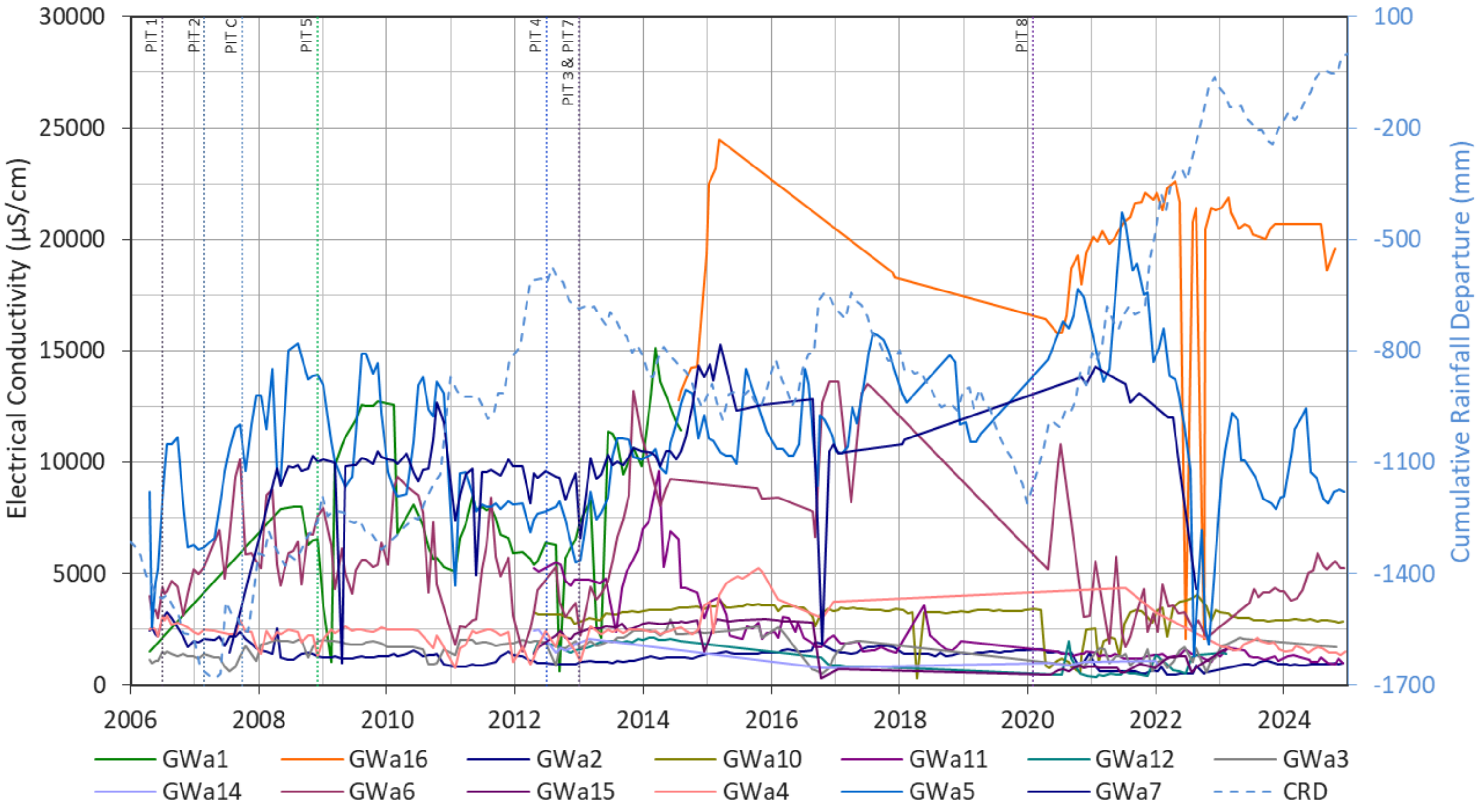
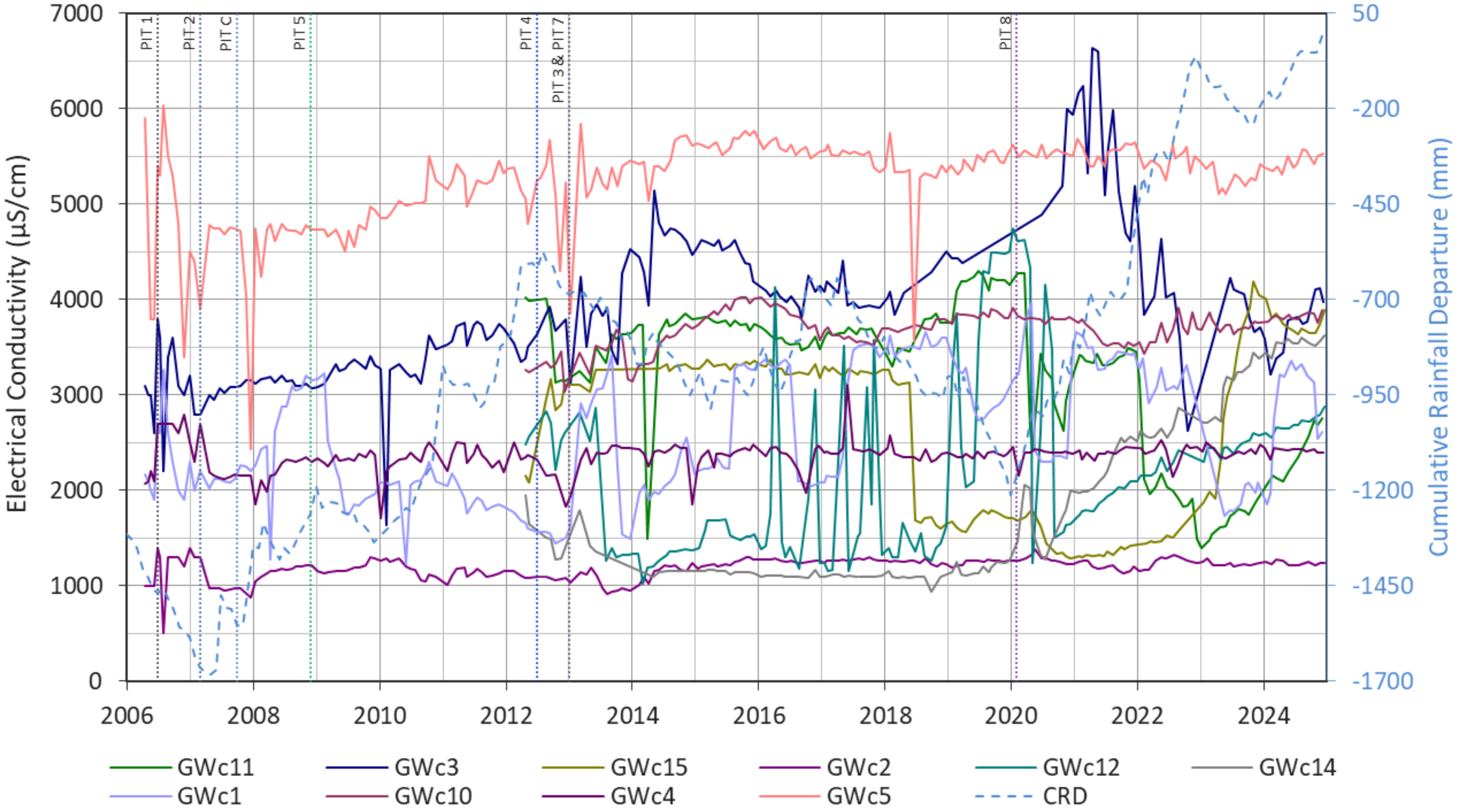


**Figure 9: Coal Bore Groundwater Electrical Conductivity along Wilpinjong Creek**



# 2.0 Trigger Compliance

The following section addresses the compliance of groundwater level and groundwater quality observations in relation to trigger levels during the 2024 reporting period. **Table 7** presents the trigger levels from the GWMP (Peabody, 2017).

Time series charts showing groundwater level, electrical conductivity (EC) and pH in comparison with the trigger levels can be found in **Appendix B.**

**Table 7: WCPL (2017) Groundwater Level and Quality Trigger Levels**

| Monitoring Site | Aquifer Type | Groundwater Level | | Groundwater Quality | | |
|---|---|---|---|---|---|---|
| | | Trigger RWL (mAHD) | Trigger depth (mbgl) | EC (µS/cm) | pH min | pH max |
| GWa1 | Alluvium | No Trigger[1] | | 12,272 | 6.5 | 8 |
| GWa2 | Alluvium | 372.4 | 3.8 | 2,280 | | |
| GWa3 | Alluvium | Dry[2] | | 1,970 | | |
| GWa4 | Alluvium | Dry[2] | | 2,596 | | |
| GWa5 | Alluvium | 371.4 | 2.6 | 13,926 | | |
| GWa6 | Alluvium | N/A# | | 6,720 | | |
| GWa7 | Alluvium | No Trigger[1] | | 10,126 | | |
| GWa8 | Alluvium | Dry[2] | | 2,898 | | |
| GWa10 | Alluvium | 366.1 | 4.5 | N/A# | N/A# | N/A# |
| GWa11 | Alluvium | Dry[2] | | | | |
| GWa12 | Alluvium | 361.3 | 4.3 | | | |
| GWa14 | Alluvium | Dry[2] | | | | |
| GWa15 | Alluvium | Dry[2] | | | | |
| GWc1 | Coal | N/A# | | 2,844 | 6.5 | 8 |
| GWc2 | Coal | | | 1,290 | | |
| GWc3 | Coal | | | 3,304 | | |
| GWc4 | Coal | | | 2,412 (2,440)[3] | | |
| GWc5 | Coal | | | 4,798 (5,560)[3] | | |

# Not applicable – No trigger defined in GWMP (Peabody, 2017)

[1] GWa1 and GWa7 both had 'dry' observations prior to mining. No effective trigger level could be developed for these bores.

[2]Historical observations at these groundwater bores have indicated SWLs that represent less than 1 m of head in the bore. Therefore, these bores could go dry without indicating a mining effect that exceeds the predicted 1 m drawdown.

[3]Revised groundwater quality triggers GWc4 and GWc5 have been included in an updated version of the GWMP (Version 6 – submitted September 2024). Historical trigger exceedances at GWc4 and GWc5 are most likely representative of natural variation in EC (independent of mining). The trigger levels were to be updated based on the 80th percentile EC for the entire monitoring record (up to 2023).

## 2.1 Trigger Exceedance Summary

Numerical modelling conducted for WCM (SLR, 2020a and HydroSimulations, 2015b) predicts minimal drawdown (approximately 1 m) to the alluvial groundwater system along Wilpinjong Creek, and less in the more distant alluvial aquifers associated with Wollar Creek.

Trigger levels have been established for alluvial monitoring bores at 1 m below the minimum recorded water level during the baseline period. Three consecutive monthly exceedances (or two successive quarterly exceedances) of the lower threshold will trigger an investigation (Peabody, 2017).

An alluvium monitoring bore that has indicated a head of less than 1 m prior to the approach of Wilpinjong Mining has a trigger level set at the base of the bore **(Table 7**). These monitoring bores could go dry without necessarily exceeding the predicted 1 m drawdown. A statistical analysis on the number of dry observations at these bores is recommended within the GWMP (Peabody, 2017) to determine whether more dry days are occurring than under normal climatic variation. No statistical analysis has been completed for the 2024 period, with each bore assessed qualitatively considering historical responses to rainfall and nearby mining.

Water quality data from April 2006 to December 2009 were analysed at alluvium and coal monitoring bores to develop trigger levels for EC and pH. An exceedance of a trigger level on three consecutive monthly (or two consecutive quarterly) observations will result in the initiation of the groundwater impact investigation protocol found in the WCM Groundwater Trigger Action Response Plans (TARPs) in Section 8 of the GWMP (Peabody, 2017).

- EC trigger levels are based on 80th percentile values from the baseline monitoring period.
- The 20th and 80th percentile values for pH measured at Wilpinjong monitoring locations between April 2006 and December 2009 fall within the ANZECC and ARMCANZ (2000) default guidelines for pH of 6.5 to 8. As such, these guidelines are used as triggers at all coal and alluvial monitoring sites.

**Table 8** presents trigger level exceedances for the 2024 AR monitoring period.

**Table 8: Groundwater Trigger Level Exceedances in 2024**

| Bore | Trigger Level Exceedance in 2024 Observations | | | |
|---|---|---|---|---|
| | Minimum RWL (mAHD) | EC | pH min | pH max |
| GWa1^ | N/A# | nd* Dry through 2023 and 2024 | | |
| GWa2 | N | N | N | N |
| GWa3 | Y (bore dry from June 2023 to Dec 2024 except Oct '24) | nd* Dry through 2024 | | |
| GWa4 | N | N | N | N |
| GWa5 | N | N | N | N |
| GWa6 | N | N | N | N |
| GWa7 | N/A# | nd* Dry through 2023 and 2024 | | |
| GWa8 | N | N | N | N |
| GWa10 | N | N/A# | N/A# | N/A# |

| Bore | Trigger Level Exceedance in 2024 Observations | | | |
|---|---|---|---|---|
| | Minimum RWL (mAHD) | EC | pH min | pH max |
| GWa11 | N | | | |
| GWa12 | Y (bore dry Jan-Dec 2024) | | | |
| GWa14^ | Y (bore dry in 2023 and 2024) | | | |
| GWa15 | Y (bore dry in 2023 and 2024) | | | |
| GWc1 | N/A# | Y (Trigger exceedance April to Oct 2024) | N | N |
| GWc2 | | N | N | N |
| GWc3 | | Y (Trigger exceedance Jan to Dec 2024) | N | N |
| GWc4 | | Y (Trigger exceedance Feb to August 2024) | N | N |
| GWc5 | | Y (EC obs above trigger since 2010) | N | N |

N/A# = No trigger defined, Y= Yes (trigger exceedances recorded), N= No (trigger exceedances not recorded) nd* = no data/ bore dry

## 2.2 Groundwater Level Trigger Exceedances

The following section discusses trigger exceedances in alluvial monitoring bores during the 2024 AR monitoring period (**Table 8**), to identify whether their cause can be attributed to a climatic or mining effect. If a mining effect is likely, further investigation may be required as per the GWMP (Peabody, 2017). All graphs showing the water levels within each monitoring bore and their associated trigger levels are shown in **Appendix B**.

### 2.2.1 Alluvial Bores

Alluvial monitoring locations GWa3, GWa11, GWa12, GWa14 and GWa15 exceeded groundwater level triggers in 2024.

#### 2.2.1.1 GWa3

GWa3 was reported as dry throughout 2024 except for the October 24, 2024, observation which reported a depth to water of 4.05 mbtoc (metres below top of casing) (360.81 mAHD). The consecutive dry observations from June 2023 to September 2024 are an exceedance of the minimum groundwater level trigger.

The following points provide a brief discussion of the exceedance at GWa3:

- The final depth to water observation before GWa3 was reported dry in June 2023 was 3.9 mbtoc, while previous measured total depths of the well were 5.65 mbtoc. This indicated that well integrity may have been compromised and dry observations may not be representative of actual groundwater conditions.
- A downhole camera survey was completed on October 17, 2024, which measured a total depth of 4.96 mbtoc (~0.5 m shallower than previously measured) and identified

roots and coarse gravel within the screened interval of the well. GWa3 was then developed/ purged, which removed some of the gravel material and resulted in a post-development total depth of 5.15 mbtoc.

- The field report on this site investigation (SLR, 2024c) found that GWa3 did not meet minimum construction requirements for the following reasons:
    - GWa3 has manually cut screens which may allow sediment into the well and are wide enough for roots to grow into the well.
    - Development was not able to clear the well to its previously measured total depth.
- GWa3 was observed as dry in November and December 2024 observations but field notes that some water was present in the bore, but that this was insufficient to collect a representative sample.

Due to the construction of GWa3 with manually slotted screens, GWa3 should be considered for replacement and/ or decommissioning in 2025. It is recommended that the value of alluvial monitoring at the GWa3 location be assessed as part of a broader review of the groundwater monitoring network.

Prior to potential replacement/ decommissioning, observations in 2025 should record total well depth and depth to water on occasions where water is measured in a well but there is insufficient water to collect a sample. Alternate methodologies could be considered for sampling locations where there is consistently insufficient water to sample with the current methodology.

#### 2.2.1.2 GWa12

GWa12 was reported as dry throughout 2024. The consecutive dry observations from March 2023 to December 2024 are an exceedance of the minimum groundwater level trigger.

The following points provide a brief discussion of the exceedance at GWa12:

- The final depth to water observation before GWa12 was reported dry in March 2023 was 3.3 mbtoc, while previous measured total depths of the well were 5.85 mbtoc. This indicated that well integrity may have been compromised and dry observations may not be representative of actual groundwater conditions.
- A downhole camera survey was completed on October 17, 2024, which measured a total depth of 3.72 mbtoc (~1.1 m shallower than previously measured) and noted a bailer was stuck in the well. This bailer was recovered and GWa12 was then developed. The total depth of GWa12 post development was 5.5 mbtoc with a depth to water of 4.48 mbtoc.
- The field report on this site investigation (SLR, 2024c) found that GWa12 did not meet minimum construction requirements as it has manually cut screens which may allow sediment into the well and are wide enough for roots to grow into the well.

Due to GWa12 being constructed with manually slotted screens, GWa12 should be considered for replacement and/ or decommissioning in 2025. It is recommended that the value of alluvial monitoring at the GWa12 location be assessed as part of a broader review of the groundwater monitoring network.

Prior to potential replacement/ decommissioning, observations in 2025 should record total well depth and depth to water on occasions where water is measured in a well but there is insufficient water to collect a sample. Alternate methodologies could be considered for sampling locations where there is consistently insufficient water to sample with the current methodology.

#### 2.2.1.3 GWa14

GWa14 was reported as dry throughout 2024. The consecutive dry observations from May 2022 to December 2024 are an exceedance of the minimum groundwater level trigger.

The following points provide a brief discussion of the exceedance at GWa14:

- The final depth to water observation before GWa14 was reported dry in March 2023 was 4.42 mbtoc, while previous measured total depths of the well were 4.96 mbtoc. This indicated that well integrity may have been compromised and dry observations may not be representative of actual groundwater conditions.
- Dry observations from 2022 to 2024 were not consistent with observations in 2021 and early 2022 which showed some response to above average rainfall events. It is noted that other nearby alluvial/ shallow bores (e.g. GWa3 – See **Appendix B**) also recovered to a greater extent in response to above average rainfall from 2020 to 2022 while there has been limited response at GWa14.
- A downhole camera survey was completed on October 17, 2024, which measured a total depth of 4.8 mbtoc (close to the previously measured total depth), but noted a bailer was stuck in the well. This bailer was unable to be recovered and GWa14 was subsequently attempted to be developed, with the total depth post development depth 4.85 mbtoc, indicating some removal of silt from the base of the well but not the stuck bailer.
- The field report on this site investigation (SLR, 2024c) found that GWa14 did not meet minimum construction requirements as it has manually cut screens which may allow sediment into the well and are wide enough for roots to grow into the well. The bailer found in the well was also unable to be removed, limiting the ability to develop the well and complete future sampling.

GWa14 should be considered for replacement and/ or decommissioning in 2025. It is recommended that the value of alluvial monitoring at the GWa14 location be assessed as part of a broader review of the groundwater monitoring network.

Prior to potential replacement/ decommissioning, observations in 2025 should record total well depth and depth to water on occasions when water is measured in GWa14. This information may be useful to help understand local aquifer saturation. Water quality sampling should not be attempted while the bailer remains stuck in the well as the data collected may be compromised.

#### 2.2.1.4 GWa15

GWa15 was reported as dry throughout 2024. The consecutive dry observations from August to December 2024 are an exceedance of the minimum groundwater level trigger.

The following points provide a brief discussion of the exceedance at GWa15:

- The final depth to water observation before GWa14 was reported dry in September 2023 was 2.8 mbtoc, while previous measured total depths of the well were 4.07 mbtoc. This indicated that well integrity may have been compromised and dry observations may not be representative of actual groundwater conditions.
- A downhole camera survey was completed on October 17, 2024, which measured a total depth of 3.89 mbtoc (close to the previously measured total depth), but noted two bailers were stuck in the well. These bailers were unable to be recovered, and the development hose was unable to reach the base of the well. No sediment was able to be removed from the base of GWa15.

- The field report on this site investigation (SLR, 2024c) found that GWa15 did not meet minimum construction requirements as it has manually cut screens which may allow sediment into the well and found that roots were growing into the well through the screens. The bailers found in the well were also unable to be removed, limiting the ability to develop the well and complete future sampling.

GWa15 should be considered for replacement and/ or decommissioning in 2025. It is recommended that the value of alluvial monitoring at the GWa15 location be assessed as part of a broader review of the groundwater monitoring network.

Prior to potential replacement/ decommissioning, observations in 2025 should record total well depth and depth to water on occasions when water is measured in GWa15. This information may be useful to help understand local aquifer saturation. Water quality sampling should not be attempted while the bailer remains stuck in the well as the data collected may be compromised.

## 2.3 EC Trigger Exceedances

The following section discusses the EC trigger exceedances summarised in **Table 8** based on the time series plots in **Appendix B.**

### 2.3.1 Alluvial Bores

No exceedances of the EC trigger value were observed at coal monitoring bores during the 2024 AR monitoring period.

### 2.3.2 Coal Measures Bores

Exceedances of the EC trigger value at coal monitoring bores in 2024 occurred at GWc1, GWc3, GWc4, and GWc5 (**Appendix B** and **Table 8**). The trigger exceedances for EC observed at GWc1, GWc3, GWc4 and GWc5 appear to be occurring independently of climatic and groundwater level influences.

#### 2.3.2.1 GWc1

EC at GWc1 has exceeded the trigger values from April 2024 until October 2024. GWc1 has periodically exceeded its trigger value in 2008-9, 2013, 2015-16, 2017-19, early 2020 and throughout 2021. The obvious feature of the EC data for GWc1 are the sudden step increases and decreases of around 700 µS/cm which result in fluctuations above and below the trigger value. There is no obvious pattern of elevated EC in relation to CRD with elevated EC occurring during above average, below average, and average rainfall conditions. However, the pattern of fluctuation suggests a definite step change in hydraulic conditions that occurs and then reverses. The following points provide potential mechanisms for the observed step changes in EC at GWc1 that have been discussed in previous data reviews (SLR, 2023c):

- Occasional influxes of groundwater from the overlying alluvium, which has lower EC and higher head than the coal measures at this location (GWa2) may drive the observed changes in EC.
- Periodic lateral flow from backfilled WCM open cut mining areas could also drive the observed step changes in EC. EC observed within spoil monitoring bore GWf3 is approximately 3,500-4,500 µS/cm, which is similar to the EC observed at GWc1 when it is exceeding the trigger level. GWf3 is within backfilled Pit 5 and not directly adjacent to GWc1 but serves as a useful proxy for groundwater quality within spoil that may be adjacent to GWc1.

- Downhole camera inspection completed in 2020 also identified a large sump in GWc1, ~15 m, below the screened interval (22-28 mbtoc). A sump of this length may limit the ability to adequately purge GWc1 prior to sampling, and decrease confidence that observations are representative of formation/ aquifer groundwater.

GWc1 was replaced in November 2024 (see **Section 1.1**), future monitoring results will be compared against historical data and trigger levels at GWc1.

#### 2.3.2.2 GWc3

EC measurements exceeded the trigger value (3,304 µS/cm) in all 2024 observations except for February. EC has been exceeding the defined trigger level at GWc3 for most observations since 2013.

The following points discuss of the EC exceedance at GWc3:

- Depressurisation at GWc3 associated with Pit 3, 4 and 7 mining resulted in a reversal of the upward gradient between Cumbo Creek alluvium (monitored by GWa6) and underlying coal measures. This may have resulted in more saline groundwater from the alluvium reporting to the coal measures from 2013-2022 due to the downwards hydraulic gradient.
- Based on elevation there is potential for hydraulic connection between the Pit 4 and/or Pit 3 void and GWc3. At times, EC in Pit 2 (used a proxy for Pit 3 and Pit 4 water) has been similar to GWc3, at other times it has not. The potential hydraulic connection is not completely understood and will require further investigation that also considers the influence from Cumbo Creek surface water and alluvial groundwater.
- A downhole camera inspection identified a ~5 m sump below the screened interval of GWc3 (4.8-11.1 mbtoc). A sump of this length may limit the ability to adequately purge GWc1 prior to sampling, and decrease confidence that observations are representative of formation/ aquifer groundwater.

GWc3 was replaced in November 2024 (see **Section 1.1**). Future monitoring results from this location will be compared against historical data and trigger levels at GWc3 to support the evaluation of potential connection between the stored water in Pit 3 and/or Pit 4 and the adjacent Permian and alluvial aquifers.

#### 2.3.2.3 GWc4

EC observations at GWc4 were above the trigger level (2,412 µS/cm) in January and from March to August 2024 with a maximum EC of 2,450 µS/cm. The six consecutive observations above the trigger level constitute a trigger exceedance. The following points discuss the EC exceedance at GWc4:

- EC observations in 2024 range from 2,330 µS/cm to 2,450 µS/cm which is within the approximate range of baseline EC (2006-2009), between 1,900 µS/cm and 2,800 µS/cm.
- The SLR (2023) trigger investigation found no change in EC trends attributable to mining related drawdown (observed at GWc4 from 2013-2020), or during the subsequent groundwater level recovery associated with above average rainfall from 2020-2022. The observations in 2024 are consistent with historical observations and similarly do not show a change in EC trends attributable to Wilpinjong mining.
- As no meaningful change in EC was identified at GWc4 due to Wilpinjong mining, SLR (2023) recommended that the EC trigger level be updated to 2,440 µS/cm

based on the 80th percentile of all EC observations to the end of 2023. This updated trigger level was incorporated into a revised version of the GWMP (V6, submitted September 2024) that is currently awaiting approval.

It is noted that the revised trigger level of 2,440 µS/cm would have had two observations above the trigger level in 2024 (January and late February – 2,450 µS/cm) but would not have reported an exceedance. This updated trigger may be a better indicator of changes to EC at GWc4 that could be related to Wilpinjong mining.

#### 2.3.2.4 GWc5

GWc5 is located on Wollar Creek, upstream of the confluence of Wilpinjong Creek, and 3.5 km from active mining in Pit 7 and Pit 8. EC observations at GWc5 were above the trigger level (4,798 µS/cm) for all 2024 observations. EC observations have been above the trigger level in nearly all observations since 2013.

The following points discuss the EC exceedance at GWc5:

- EC observations in 2024 range from 5,310 µS/cm to 5,580 µS/cm which is broadly consistent with EC observations from 2013-2023.
- SLR (2023) investigated relationships between EC variation at GWc5, the timing of mining operations and climatic variations, and found that no direct relationship could be established, and there is no evidence of WCM mining influencing groundwater level or quality at GWc5.
- SLR (2023) found that the observed EC is likely to be representative of normal conditions at this site and recommended that the trigger level be revised to include all data until 2023. This value is 5,560 µS/cm which is 762 µS/cm higher than the current trigger level (4,798 µS/cm). This updated trigger level was incorporated into a revised version of the GWMP (V6, submitted September 2024) that is currently awaiting approval.

It is noted that the revised trigger level of 5,560 µS/cm would have had a single value above the trigger level in 2024 (August – 5,580 µS/cm) but would not have reported an exceedance. This updated trigger may be a better indicator of changes to EC at GWc4 that could be related to Wilpinjong mining.

## 2.4 pH Trigger Exceedances

No exceedances of pH trigger levels were observed at alluvial or coal measures monitoring bores during the 2024 AR monitoring period.

# 3.0 Metal and Major Ion Concentrations

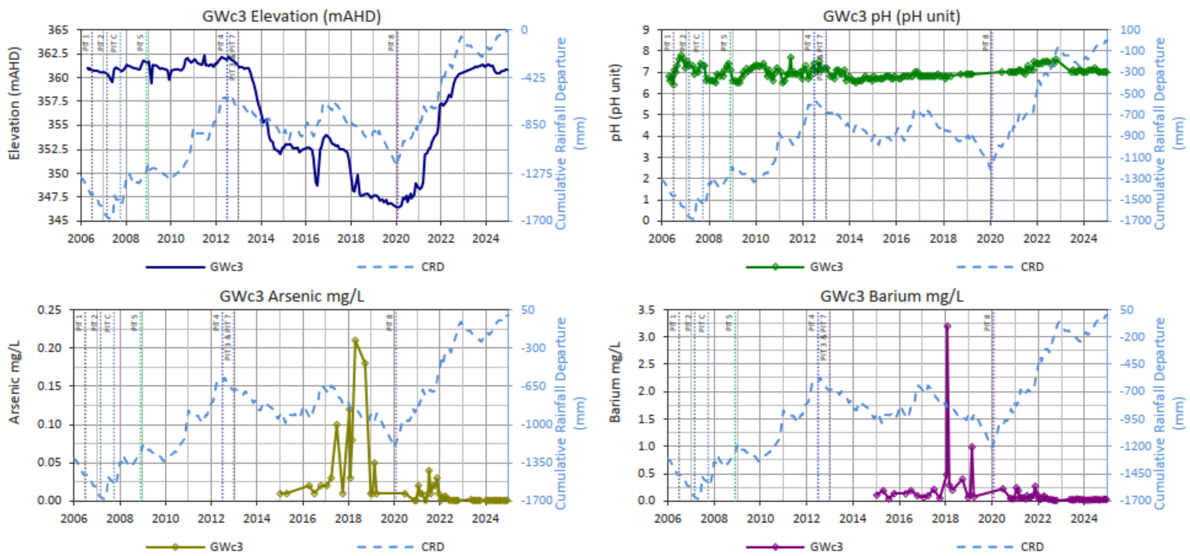
For the 2024 annual review, the following groundwater quality time-series graphs are presented in **Appendix C**. These charts demonstrate compliance with the GWMP (Peabody, 2017) requirement to collect monthly and event-based metals monitoring data and demonstrate the volume of chemistry data collected and trends over time:

- Major ions and analytes: TDS, Sodium (Na), Potassium (K), Magnesium (Mg), Calcium (Ca), Chloride (Cl), Carbonate (HCO3), Bicarbonate (CaCO3), Sulfate (SO4).
- Metal species: Aluminium (Al), Arsenic (As), Barium (Ba), Copper (Cu), Lead (Pb), Manganese (Mn), Nickel (Ni), Selenium (Se), Molybdenum (Mo).

**Figure 10** shows an example plot for the plots shown in **Appendix C,** with each page of the Appendix showing data for one bore. Groundwater level and EC are displayed on the major ion charts, while groundwater level and pH are displayed on the metal ion charts for context together with the cumulative rainfall departure (CRD).

Ongoing review of water quality monitoring is recommended to further understand of the hydrochemistry of the Permian strata and alluvium as well as areas of spoil deposition. This will allow the identification of trends and increases in concentrations that may prompt the need for additional investigation.

**Figure 10: Example Plot of Water Quality vs CRD as Presented in Appendix C for Selected Bores**



# 4.0 Groundwater Model Review

Previous reporting (HydroSimulations, 2015a; Peabody, 2016) has utilised the HydroSimulations (2013) and (2015b) groundwater model to assess likely impacts of WCM and ensure sufficient water licences are purchased prior to a water year. This groundwater model was converted from the original numerical groundwater model used by AGE (2005).

The 2015 version of the groundwater model (HydroSimulations, 2015b) was updated in 2020 by SLR (2020a), in line with the recommendations from the 2018 Annual Review (HydroSimulations, 2019). These changes aimed to verify if the model calibration was still appropriate by updating climatic inputs, updating available groundwater level observations, and revising mine progression to reflect actual extraction.

As is required by the GWMP (Peabody, 2017), the following section reports on the current model (SLR, 2020a) and presents the results of the model verification. SLR is also required to assess the performance and suitability of the model triennially to ensure predictions are consistent with observed data.

A new groundwater model commenced construction in late 2023 and is currently undergoing independent peer review support proposed changes and extensions of mining operations. It is anticipated that this model will be used for the 2025 Annual Groundwater Monitoring Report.

## 4.1 Model Updates (2020)

Further updates to the Hydrosimulations model (HydroSimulations, 2015b), were made in 2020 (SLR, 2020a). The 2020 model revisions included:

- Update of the rainfall-recharge to reflect the actual rainfall experienced in the years following the creation of the model in 2015 up to 2020.
- Update of the mining progression to reflect the actual schedule and extent of mining more closely in the years following the creation of the model in 2015 up to 2020.
- Update of the MODFLOW River (RIV) stage heights to reflect time-series observations made in the years since the creation of the model in 2015 up to 2020.
- Incorporation of pumping from water supply bores using pumping rates based on site data up to 2020.
- Update of the observation target file with new monitoring bores and new observed groundwater level data up to 2020.

## 4.2 Model Updates (2023-2025)

The updated groundwater model incorporates the main features from the previous groundwater model (SLR, 2020a) while incorporating the following changes:

- Extension of the model boundary to the east in the direction of the potential future extensions to limit impacts of the model boundary conditions on potential drawdown predictions.
- Refined the numerical model mesh (grid) in the area of potential future extensions within Exploration Licence (EL) 9399.
- Updated the geological model layers in the area of potential future extensions, based on a revised site geological model provided by WCPL.

- Extension of the calibration period until December 2023 With mining progression updated to reflect approved as-mined conditions to the end of 2023 (approved under SSD-6764).

## 4.3 Model Verification

Hydrographs of observed and modelled groundwater levels are presented in **Appendix D** (Figure D 1 to Figure D 19). The following section contains an assessment of the modelled vs observed groundwater levels where potential mining impacts are observed.

It is noted that climatic conditions from 2020 to 2024 are not captured in the model used for this verification exercise. The model updates were completed in early 2020. Updated climate and stream flow series, and actual and proposed mining will be included in the next model update, which commenced in late 2023. The updated model is intended to be used for future reviews.

### 4.3.1 Predictions are Alluvial Bores

The SLR (2020a) modelling predictions are consistent with HydroSimulations (2015b) predictions at the alluvial monitoring sites along Wilpinjong Creek, with approximately 1 m drawdown for the life of approved mining (GWa6 has the maximum predicted drawdown in an alluvial monitoring bore of about 1.5 m occurring in 2029).

The timing of the mining effects modelled at the alluvial monitoring bores shows good correlation with the observed effect and often indicates a repressed response to rainfall that is also seen in the observed data. Most of the modelled groundwater levels at the alluvial monitoring bores respond to the updated (SLR, 2020a) modelled rainfall recharge series.

Groundwater levels along Wilpinjong Creek and Cumbo Creek are generally well represented in the alluvium (GWa1, GWa2, GWa5, GWa6, GWa12, GW14 and GWa15) although recent observations in the shallow bores are not well replicated by the groundwater model due the above average rainfall conditions not being captured in the model (which was developed in early 2020).

An updated groundwater model was commenced in late 2023 and will better reflect recent climatic conditions. It is anticipated the ability of the updated model to replicate observed groundwater elevations from 2020 to 2023 is likely to improve.

The observed desaturation of the alluvium (GWa4, GWa5, GWa6, GWa12, GWa14) occurs earlier than was predicted by the model, while differences between observations and the model simulation at GWa6, GWa12, and GWa14 (Figure D.6, Figure D.7, Figure D.8) are similar for a majority of the WCM alluvial monitoring locations. The decline in observed groundwater level from 2013 to 2016 and from 2017 to 2020 is about 1.5 m greater than that predicted by the model, with dry observations during these periods of below average rainfall not being replicated by the model. Some improvements to model performance may be made by making minor revisions to the aquifer properties and geometry of the alluvium (with a focus on including information from any recent drilling).

The current updates to the numerical model which commenced in 2023 will include a rebuild of model geometry and recalibration of hydraulic parameters which is anticipated to improve the match between modelled and observed groundwater elevations at these locations.

#### 4.3.1.1 Comments

Observed drawdown at GWa5 (Figure D.5) is approximately 1.5 to 2.5 m greater than the drawdown predicted by the model for the period between 2013 and the end of 2021. Previous reporting sighted a lack of inflow at Cumbo Creek due to reduced rainfall and a possible under-prediction of Pit 3 and Pit 7 mining impacts as the reason for the difference (HydroSimulations, 2018, 2019 and SLR, 2020b).

Additional investigation at GWa5 undertaken in 2021 was not able to explicitly determine whether it is still connected to the Cumbo Creek alluvial aquifer and returning representative data. GWa5 was replaced in November 2024 by a monitoring well targeting similar lithology to GWa5 that has a contemporary geology and bore construction log. This well may help understand and evaluate potential impacts to the Cumbo Creek alluvium.

While the model captures alluvial groundwater response for periods of above average rainfall, low water/ dry observations in drier periods such as 2015 and 2017-2020 are often not well represented in the modelling. The relationship between different recharge sources to the alluvium (i.e. flow from Permian strata, surface water flow, rainfall recharge) will be considered in the current revision and recalibration of the groundwater model.

### 4.3.2 Predictions at Coal Measures Bores

Figure D.10 to Figure D.19 compare modelled and observed groundwater levels at coal measures monitoring bores identified as being affected by mining. The largest drawdowns predicted by the model were during the excavation of Pit 3 and Pit 4, with continued drawdown predicted at several bores following mining at Pit 5. Noting the uncertainty in distinguishing between climate and mining-related drawdown in the observed data, modelled groundwater levels at the coal measures monitoring bores generally show a good correlation with the timing and magnitude of observed drawdown.

It is noted that many bores within the coal measures have significantly recovered in response to above average rainfall in 2020, 2021 and 2022. As this above average rainfall has not been captured within the SLR (2020a) updated model, similar responses are not expected within the modelled groundwater levels. The relationship between coal measures bores and WCM site water storages has been suggested for further investigation (**Section 2.3.2**), with water storages being included in the updated model.

SLR (2020a) predicts a reduction in the rate of drawdown between 2006 and 2009 (when mining starts at Pit 1, 2 and 5) at GWc2, GWc3, GWc12, GWc14 and GWc15. The timing of drawdown is still captured in for these bores and the simulated groundwater levels match the observed levels prior to the extraction of Pit 4 in 2013. SLR (2020a) better captures the maximum drawdown following mining at Pit 1 and 2 at GWc1 and GWc11 located near Pit 2, although the groundwater level recovers quicker and above the observed levels.

Revised model predictions (SLR, 2020a) improved the timing of drawdown after mining Pit 4 and following below average rainfall conditions at GWc1 and GWc2. The maximum predicted drawdown better aligns with the observed depressurisation at GWc3 (Cumbo Creek) and matches the drawdown gradient at GWc15 following the mining of Pits 4, 3 and 7. The observed data at Pit 8 monitoring bores GWc28 and GWc29 is relatively well matched by the model although observed drawdown is greater than the model predicts.

The simulated depressurisation of the coal seams in the revised model (SLR, 2020a) between 2013 and 2019 is generally lower than the observed data at GWc12, GWc15, GWc14, GWc28 and higher at GWc1, GWc2 and GWc3. Predicted recovery from 2020-22 and ongoing in 2023 is generally less than that observed at all coal monitoring bores, as discussed above.

# 5.0 Review of Groundwater ‘take’

The following section describes a review water balance model outputs at WCM, and the method used to estimate ‘groundwater take’ from those records and water balance model outputs.

## 5.1 Assessment of Annualised Groundwater Inflow against Licence

WCPL holds a consolidated licence (WAL41862) to cover the extraction of water from all Pits. The total authorised volume of groundwater extraction is 3,121 Unit Shares. When annualised from a daily inflow value of 1.9 ML/day, the SLR (2025) water balance model estimate for the 2023-2024 water year is about 694 ML/a. This is informed by groundwater model predictions (SLR, 2020a) and factored based on observed 6-monthly rainfall totals compared to the long-term average.

**Table 9** presents the relevant entitlement volume for the consolidated licence, the estimated inflow or ‘take’ for 2023-24 and compares these water balance model estimates to numerical model predictions. The SLR (2020a) annualised inflow estimate (550 ML/yr) is within the allocated licence volume for the 2023-24 water year.

**Table 9: Summary of Annual Volume of Inferred Maximum Groundwater Take**

| Water Access License | Limit [ML/a] | 2022-2023 | | 2023-2024 | |
|---|---|---|---|---|---|
| | | WBM Inflow (SLR, 2024) | Modelled inflow (SLR, 2020a) | WBM Inflow (SLR, 2025) | Modelled inflow (SLR, 2020a) |
| Pits | 3,121 ML/a (WAL 41862) | 913 | 660 | 694 | 550 |
| Dewatering Bores | | 0 | | 0 | |
| **TOTAL** | | 913 | 660 | 694 | 550 |

**Figure 11** shows the inflow estimates from the SLR (2020a) groundwater model. Inflow in 2023 and 2024 is predicted to be sourced from Pit 6 and Pit 8, this is consistent with conceptual understanding as most new mining during this period occurred in those locations.

Inflows predicted by both the groundwater model (SLR, 202a) and the water balance assessment (SLR, 2025) are well below the licenced allocation of 3,121 ML/a.

## 5.2 Alluvial Groundwater Take

Groundwater can be lost from alluvium to underlying Permian sediments through natural processes or as incidental take in response to mining (i.e. by a mining induced increase in the downward vertical hydraulic gradient from the alluvium to the Permian). As there are no physical means by which this volume of alluvial water can be measured, groundwater modelling is necessary to quantify the expected loss of alluvial groundwater to the underlying Permian strata.

The SLR model (2020a) has predicted the likely alluvial take during the 2023-2024 water year, as shown in **Figure 12** for both Wilpinjong Creek alluvium and Cumbo Creek alluvium. The predicted loss from Wollar Creek is negligible.

For the 2023-2024 water year the additional alluvial water loss, over and above what occurs naturally, is estimated to be about 0.27 ML/day from Wilpinjong Creek alluvium and about 0.2 ML/day from Cumbo Creek alluvium. This gives a predicted alluvial groundwater take of about 172ML/year. WCM holds an allocation of 474 ML for the Wollar Creek Water Source under the Water Sharing Plan for the Hunter Unregulated and Alluvial Sources, 2009. This estimated take is within and compliant with the licence volume held by WCM.

**Figure 11: Comparison of Predicted Inflow (SLR, 2020a) against Entitlement**

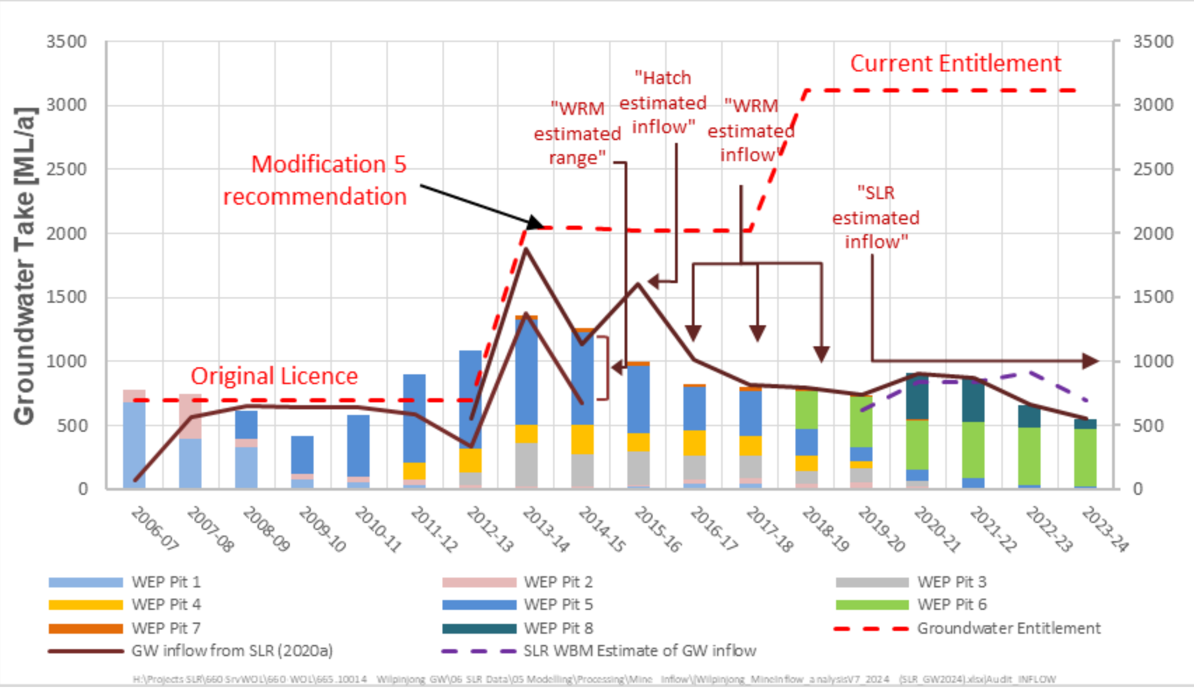
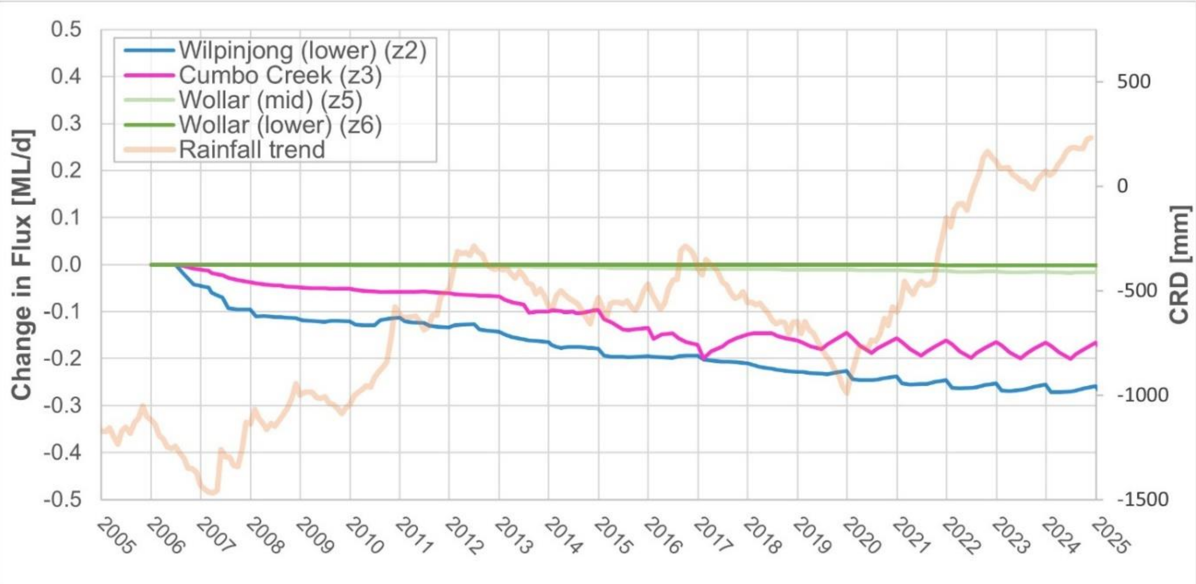



**Figure 12: Modelled take from Alluvium (SLR, 2020a)**



# 6.0 Dewatering Bores

## 6.1 Groundwater Take

Six water supply production bores (GWs10, GWs11, GWs12, GWs14, GWs15, PB1) are located north of the active WCM mine area at locations both north and south of Wilpinjong Creek (**Figure 2**). In addition, one production bore designed for dewatering was constructed near a turkey's nest dam north of Pit 2 and Pit 4 during the 2018-19 water year. Of these seven production bores, none were extracted from in the 2023-24 water year, or the 2024 calendar year.

The consolidated licence WAL 41862 now covers groundwater extraction for both water supply bores and WCM open cut pits. The water supply production bores have recorded an extraction volume of 0 ML during the 2023-24 water year and 2024 annual review period. Compliance of this extraction with the relevant licence conditions is addressed in **Section 5.1**.

## 6.2 Cease-to-pump Trigger Levels

Trigger levels are designated to coal monitoring bores close to each of the originally installed production bores (GWs10, GWs11, GWs12, GWs14, and GWs15) and have been determined based on the expected maximum drawdown, as a result of the development of the open cut and water supply borefield. The cease-to-pump trigger levels and the minimum groundwater levels recorded during 2023-2024 water year, and 2024 reporting period is shown in **Table 10**.

**Table 10: Water Supply Borefield - Cease to Pump Trigger Level Exceedances**

| Production Bore | Monitoring Bore | Cease-to-pump trigger level (mAHD) | Lowest observed water level 2023-2024 (mAHD) | Trigger Exceedance (Yes/No) |
|---|---|---|---|---|
| GWs10 | GWc10 | 346 | 368.5 | No |
| GWs11 | GWc11 | 348.5 | 362.6 | No |
| GWs12 | GWc12 | 332.5 | 359.5 | No |
| GWs14 | GWc14 | 319.5 | 359.1 | No |
| GWs15 | GWc15 | 314.5 | 353.9 | No |

There were no breaches of the cease-to-pump trigger levels during 2024.

# 7.0 Recommendations

Following the 2024 annual review of groundwater data and in line with recommendations from previous Annual Reviews and associated trigger investigations, the following recommendations are made:

- Monitoring at the same frequency and for the same analytes should be undertaken at new and replacement groundwater monitoring locations (**Section 1.1**). These locations should be included in the next updated to the GWMP and considered for trigger level development where relevant. Bores that were replaced as part of 2024 works should be scheduled for decommissioning.
- GWa3, GWa12, GWa14 and GWa15 should be considered for replacement after downhole camera inspections found that these locations had manually slotted screens, allowing for root growth and siltation within each well. Obstructions in GWa14 and GWa15 (bailers) were not able to be cleared. A wholistic review of the monitoring network considering active, historical and future Wilpinjong operations is recommended prior to replacement. Some of these locations may be suitable for decommissioning without replacement.
- Groundwater observations in 2025 should record total well depth and depth to water on occasions where water is measured in a well but there is insufficient water to collect a sample. Alternate methodologies could be considered for sampling locations where there is consistently insufficient water to sample with the current methodology.

# 8.0 References

AGE (2005) Wilpinjong Coal Project Groundwater Impact Assessment. May 2005.

ANZECC, ARMCANZ (2000) Australian and New Zealand Guidelines for Fresh and Marine Water Quality, Paper 4 National Water Quality Management Strategy. Australian and New Zealand Environment and Conservation Council, Agriculture and Resource Management Council of Australia and New Zealand, Canberra. Vol. 1, pp. 4.2-15

ANZG (2018) Australian and New Zealand Guidelines for Fresh and Marine Water Quality - 2018 (Update to ANZECC, ARMANZ (2000). Australian and New Zealand Environment and Conservation Council, Agriculture and Resource Management Council of Australia and New Zealand, Canberra.

HydroSimulations (2013) Wilpinjong Coal Mine Modification - Groundwater Assessment. Report HC2013/11 for Wilpinjong Coal Pty Ltd. July 2013.

HydroSimulations (2015a) Review of Hydrogeological Data for Wilpinjong Licensing Audit. Report HS2015/38 for Wilpinjong Coal Pty Ltd. October 2015.

HydroSimulations (2015b) Wilpinjong Extension Project - Groundwater Assessment. Report HS2015/42 for Wilpinjong Coal Pty Ltd. November 2015.

HydroSimulations (2018) Wilpinjong Annual Review Groundwater Analysis. Report HS2018/07 for Wilpinjong Coal Pty. Ltd. March 2018.

Peabody (2016) Wilpinjong Coal Groundwater Monitoring Program. Document No. WA-ENV-MNP-0006 May 2016.

Peabody (2017) Wilpinjong Coal Groundwater Management Plan. Document No. WI-ENV-MNP-0041 August 2017.

SLR (2020a) Wilpinjong Coal Mine Groundwater Model Update Report, prepared for Wilpinjong Coal Pty Ltd, Report no. 665.10014-R01-v0.1

SLR (2020b) Wilpinjong Annual Review Groundwater Analysis, prepared for Wilpinjong Coal Pty. Ltd. March 2020, Report no. 665.10014.00001-R01-v0.1

SLR (2021a) Wilpinjong Water Balance Update 2021 - Model Update and Calibration Report March 2021

SLR (2021b) Wilpinjong Annual Review Groundwater Analysis, prepared for Wilpinjong Coal Pty. Ltd. March 2021, Report no. 665.10014.00105-R01-v2.0

SLR (2021c) Periodic Groundwater Review – September 2021 prepared for Wilpinjong Coal Pty. Ltd. September 2021, Memo no. 665.10014.00805-M01-v1.0

SLR (2021d) Groundwater Recharge Investigation prepared for Wilpinjong Coal Pty. Ltd. September 2021, Memo no. 665.10014.01005-M02-v1.0

SLR (2022) Wilpinjong Annual Review Groundwater Analysis, prepared for Wilpinjong Coal Pty. Ltd. March 2022, Report no. 665.10014.00105-R01-v2.0

SLR (2023a) Wilpinjong Annual Review Groundwater Analysis, prepared for Wilpinjong Coal Pty. Ltd. March 2023, Report no. 665.10008.01815-R01-v3.0

SLR (2023b) Wilpinjong Coal Mine Bore Installation Prioritisation, prepared for Wilpinjong Coal Pty. Ltd. June 2023, Report no. 665.10008.01905-R01-v1.0

SLR (2023c) Groundwater Sampling Study, prepared for Wilpinjong Coal Pty. Ltd. June 2023, Report no. 665.10008.01905-R02-v2.0

SLR (2023d) EC Trigger Investigation of GWc1, GWc3, GWc4 and GWc5, prepared for Wilpinjong Coal Pty. Ltd. December 2023, Report no. 665.10014.01515

SLR (2024a) Wilpinjong Water Balance Update 2023 - Model Update and Calibration Report March 2024

SLR (2024b) Wilpinjong Annual Review Groundwater Analysis, prepared for Wilpinjong Coal Pty. Ltd. March 2023, Report no. 665.10008.02411-R01

SLR (2024c) DHC and Development of Bores GWa3, GWa12, GWa14 and GWa15 Field Factual Report. For Wilpinjong Coal Pty Ltd. Tech Memo no. 610.032223.00002

SLR (2025) Wilpinjong Water Balance Update 2024 - Model Update and Calibration Report March 2025

WRM Water and Environment (2019) Wilpinjong Mine –2019 site water balance addendum. WRM ref 1052-10-E. October 2019.

# Appendix A Groundwater Level Hydrograpghs

## Annual Review – Wilpinjong Coal Mine

**2024 Groundwater Compliance**

**Wilpinjong Coal Mine**

SLR Project No.: 665.v10014.02417

26 March 2025

SLR

**Figure A 1:**

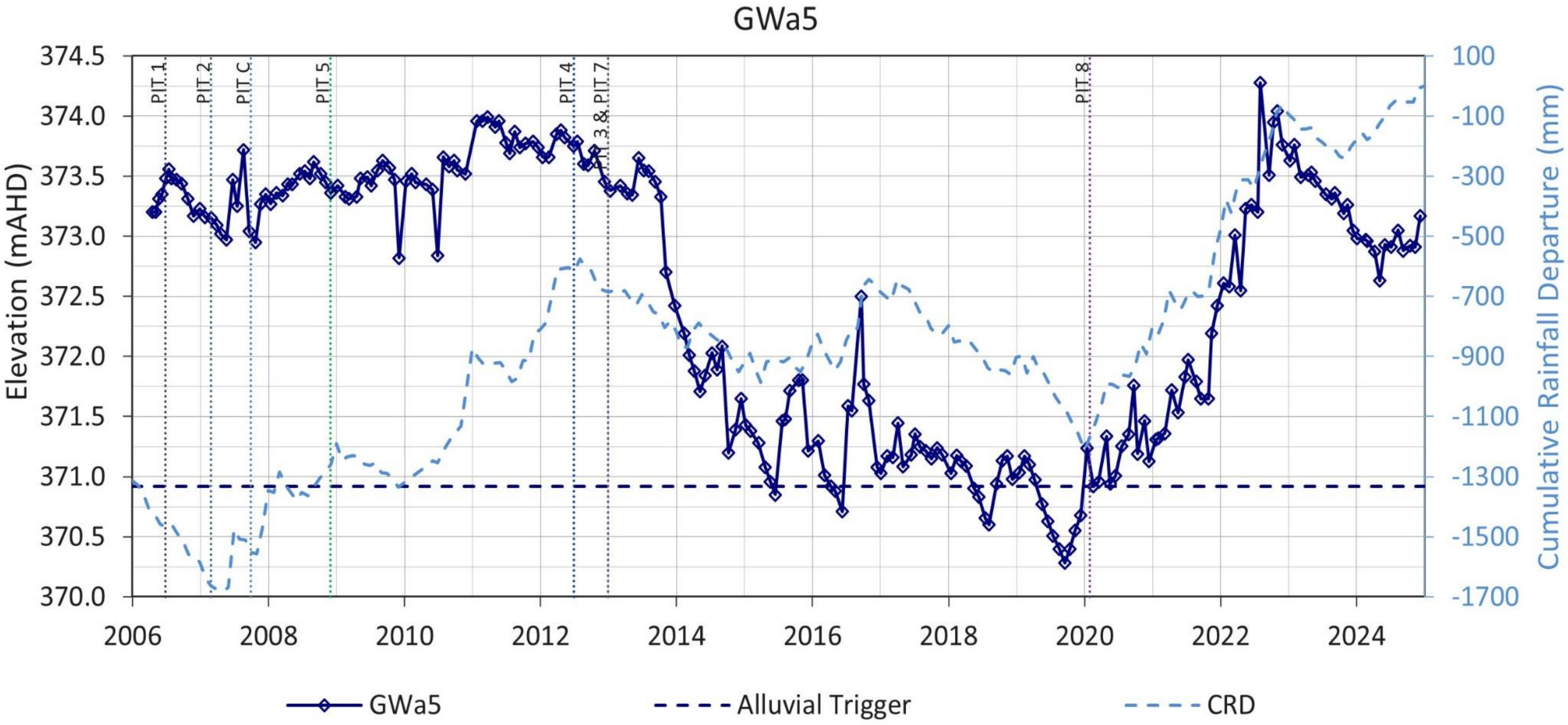

GWa5
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
374.5
374.0
373.5
373.0
372.5
372.0
371.5
371.0
370.5
370.0
100
-100
-300
-500
-700
-900
-1100
-1300
-1500
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWa5
Alluvial Trigger
CRD

**Figure A 2:**

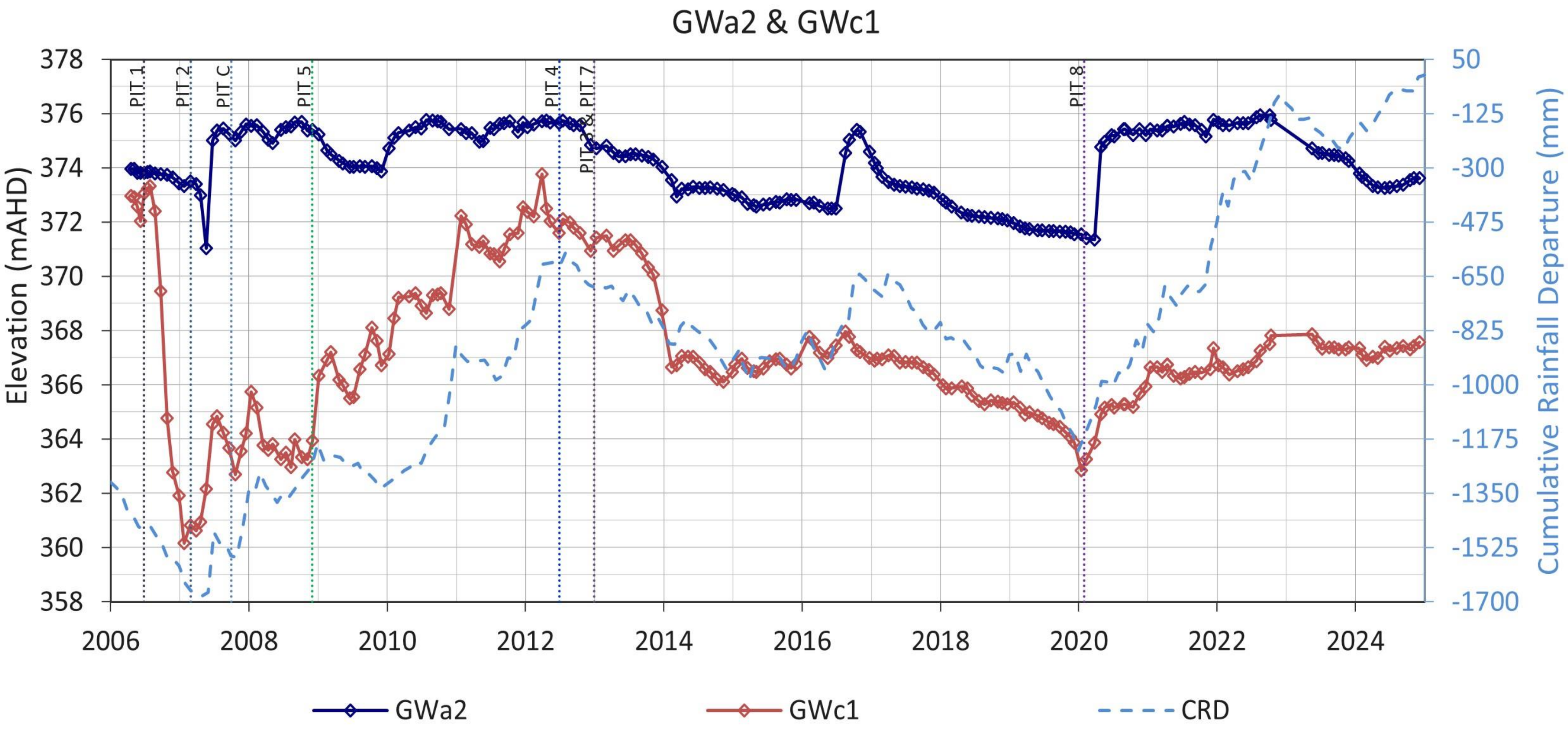

GWa2 & GWc1
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
378
376
374
372
370
368
366
364
362
360
358
50
-125
-300
-475
-650
-825
-1000
-1175
-1350
-1525
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa2
GWc1
CRD

**Figure A 3:**

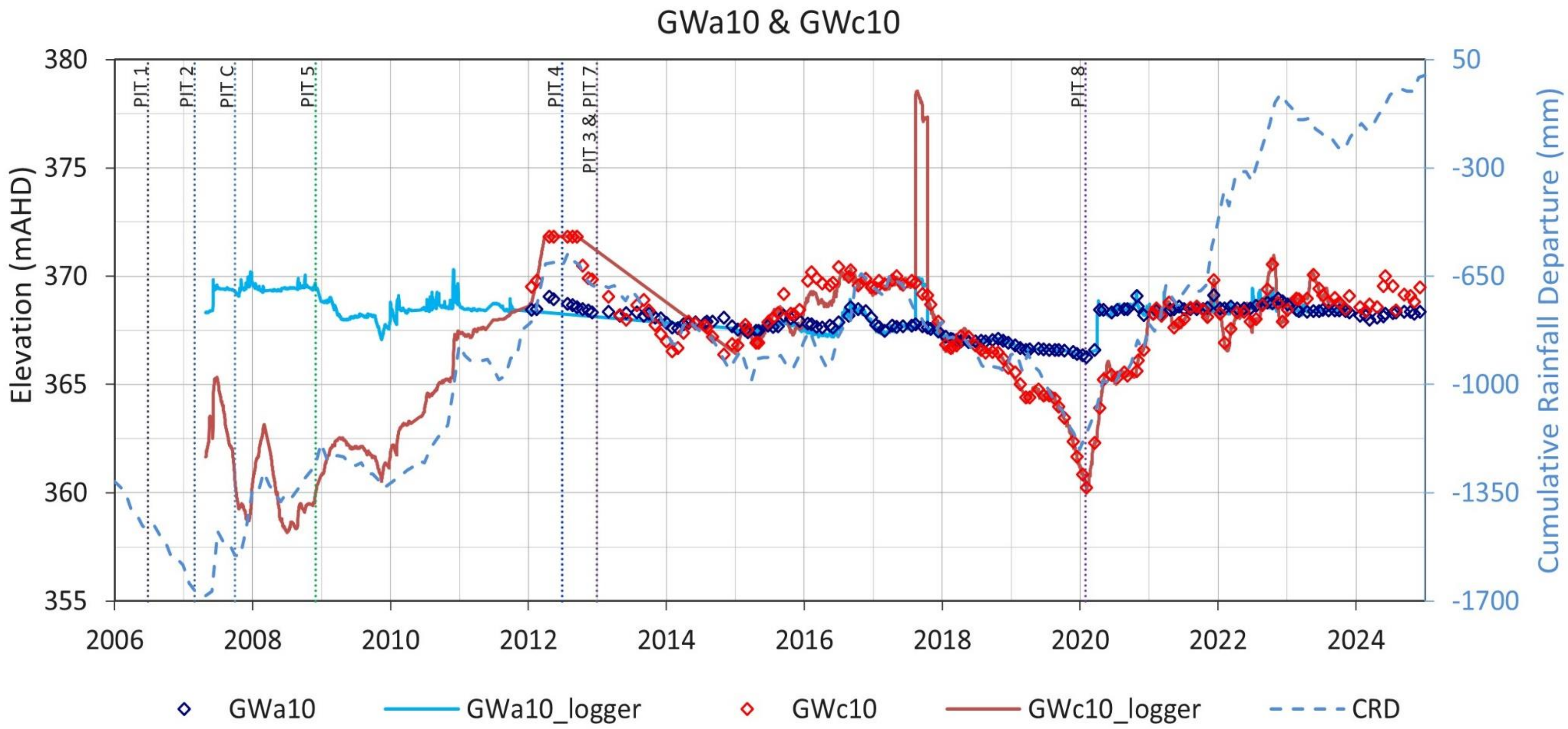

GWa10 & GWc10
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
380
375
370
365
360
355
50
-300
-650
-1000
-1350
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa10
GWa10_logger
GWc10
GWc10_logger
CRD

**Figure A 4:**

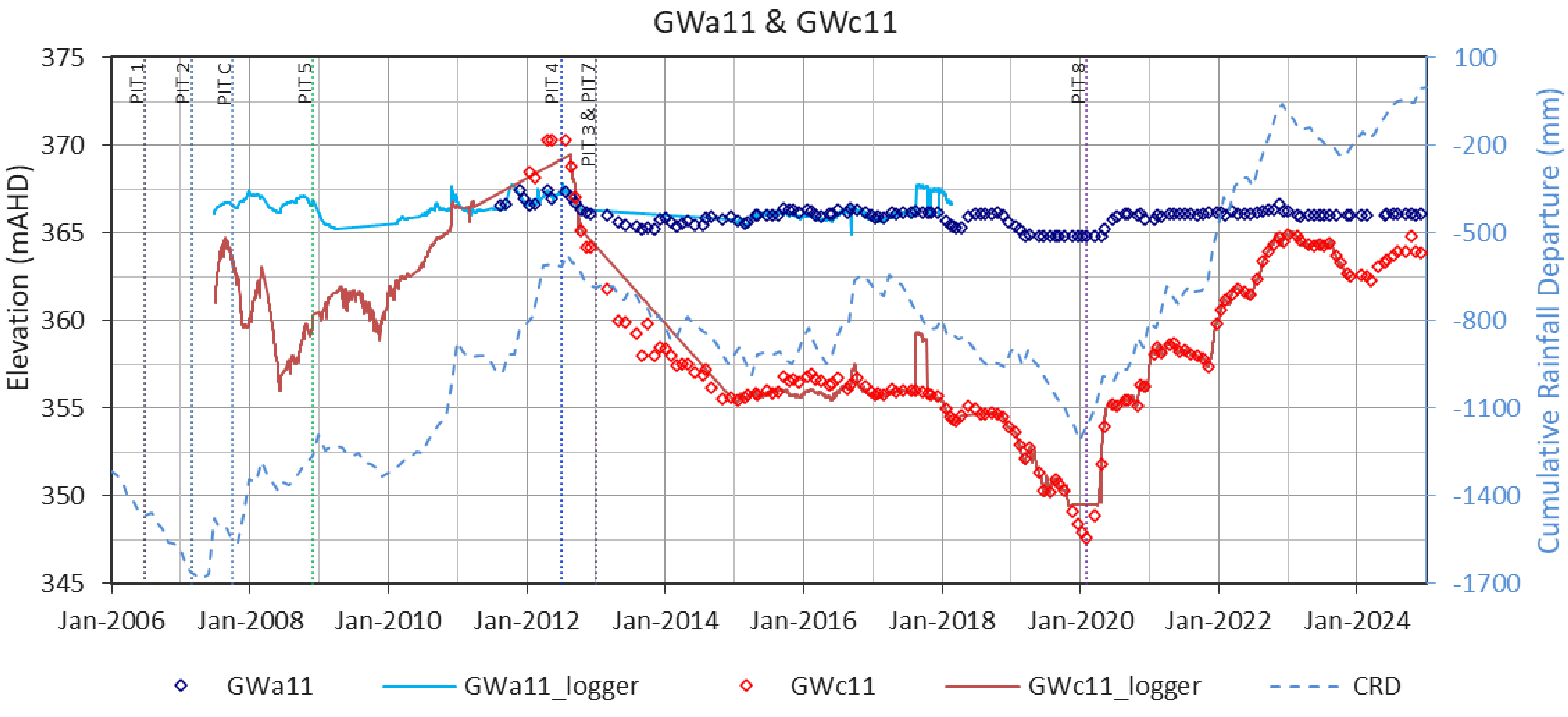

GWa11 & GWc11
375
370
365
360
355
350
345
Elevation (mAHD)
100
-200
-500
-800
-1100
-1400
-1700
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Jan-2006
Jan-2008
Jan-2010
Jan-2012
Jan-2014
Jan-2016
Jan-2018
Jan-2020
Jan-2022
Jan-2024
GWa11
GWa11_logger
GWc11
GWc11_logger
CRD

**Figure A 5:**

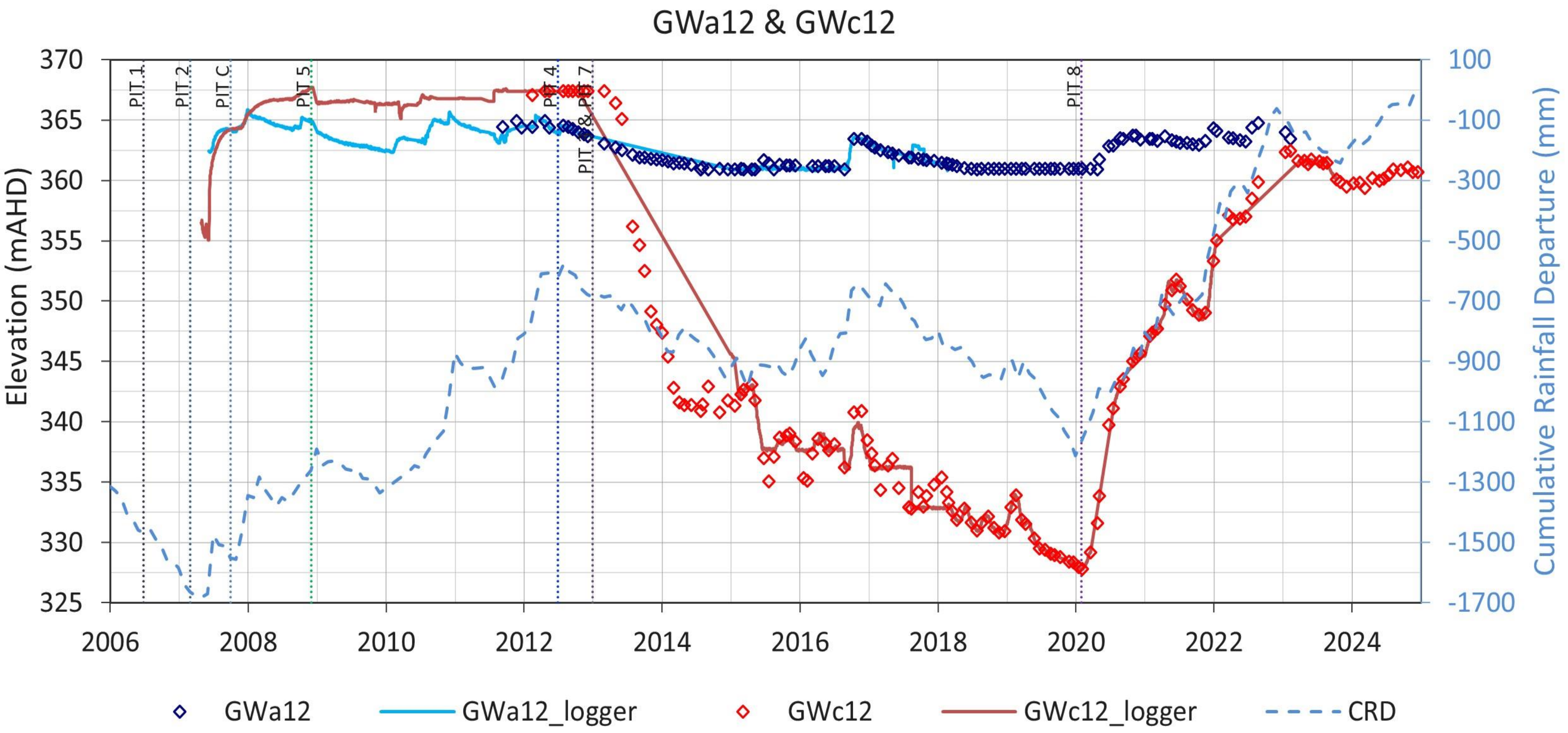

GWa12 & GWc12
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
370
365
360
355
350
345
340
335
330
325
100
-100
-300
-500
-700
-900
-1100
-1300
-1500
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 6&PIT 7
PIT 8
GWa12
GWa12_logger
GWc12
GWc12_logger
CRD

**Figure A 6:**

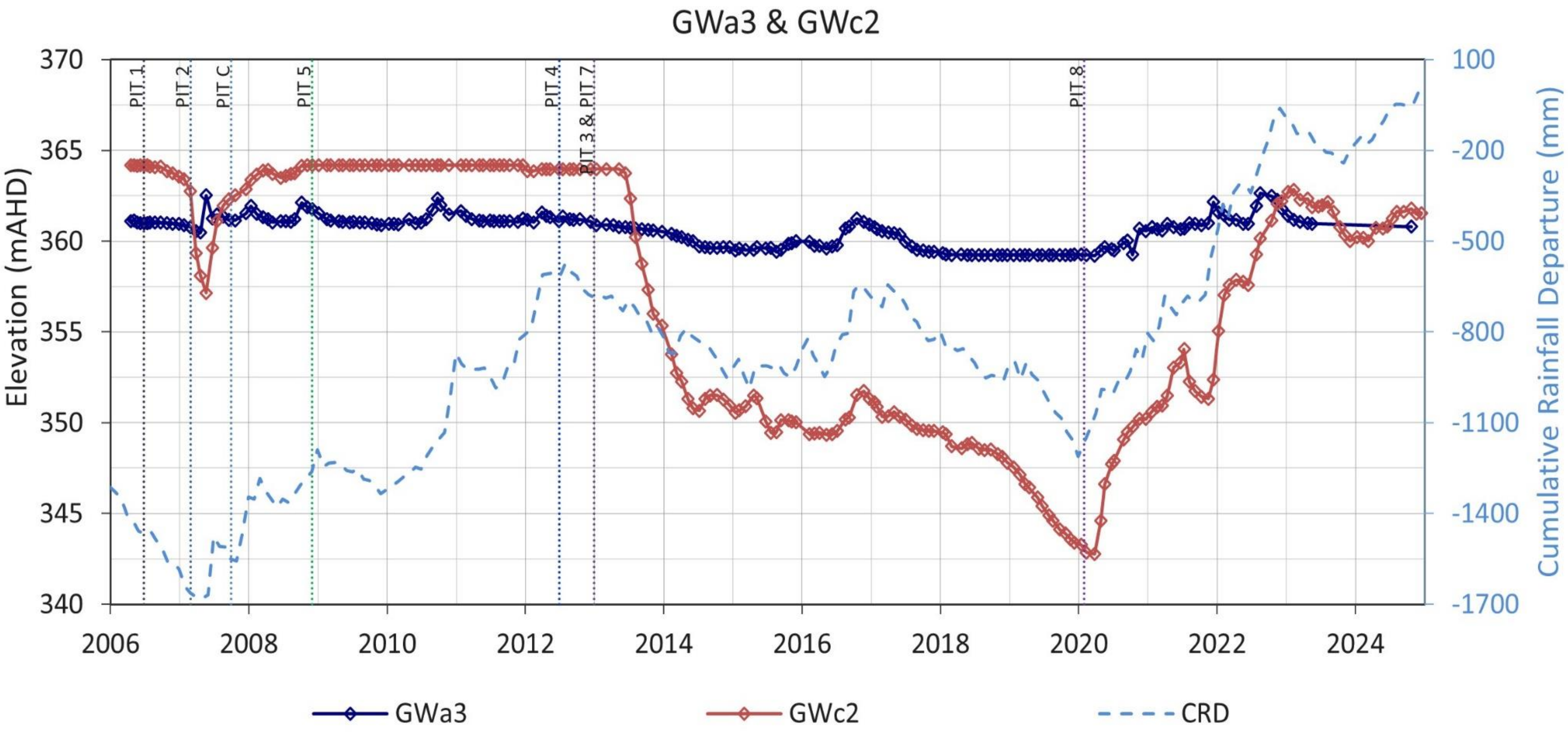

GWa3 & GWc2
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
370
365
360
355
350
345
340
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa3
GWc2
CRD

**Figure A 7:**

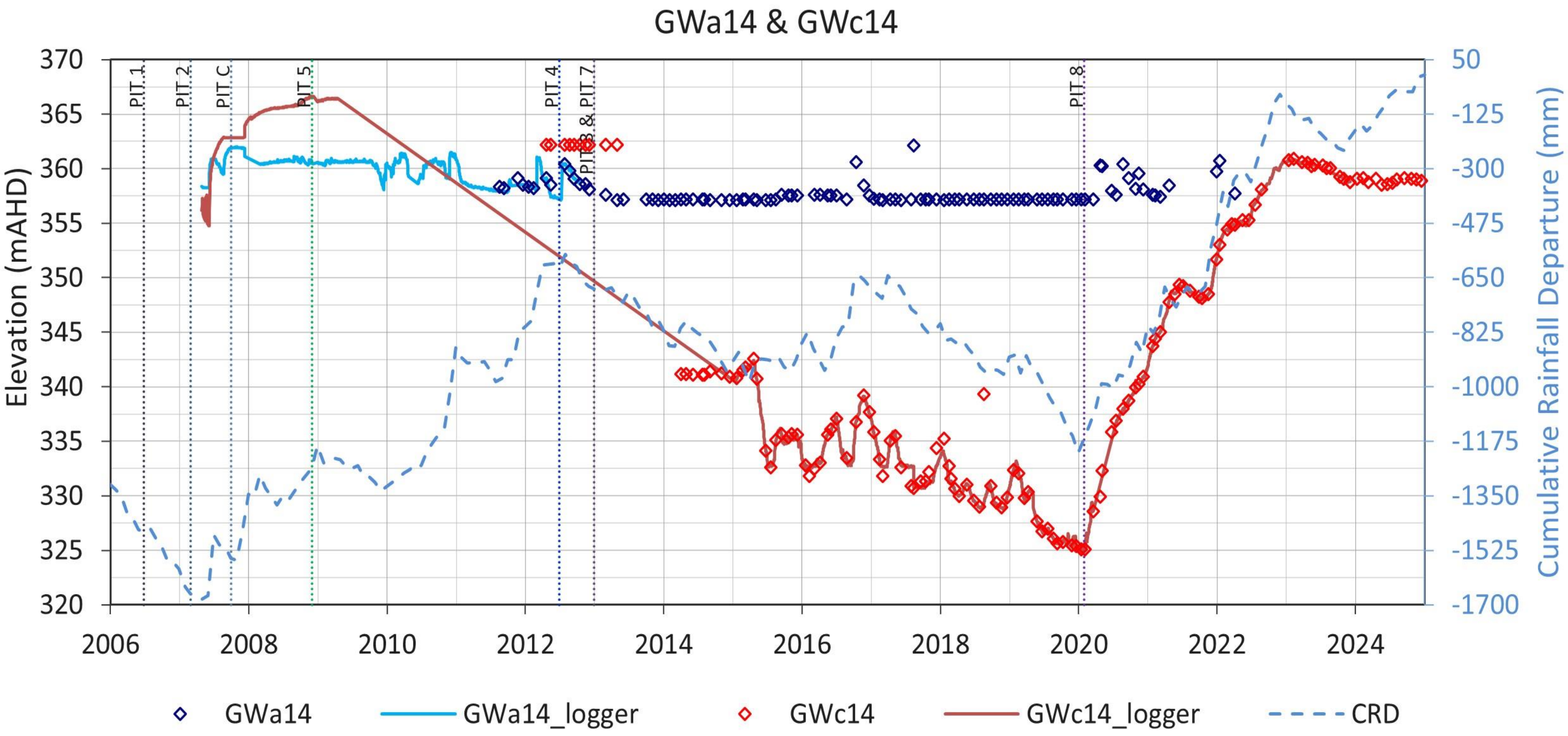

GWa14 & GWc14
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
370
365
360
355
350
345
340
335
330
325
320
50
-125
-300
-475
-650
-825
-1000
-1175
-1350
-1525
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa14
GWa14_logger
GWc14
GWc14_logger
CRD

**Figure A 8:**

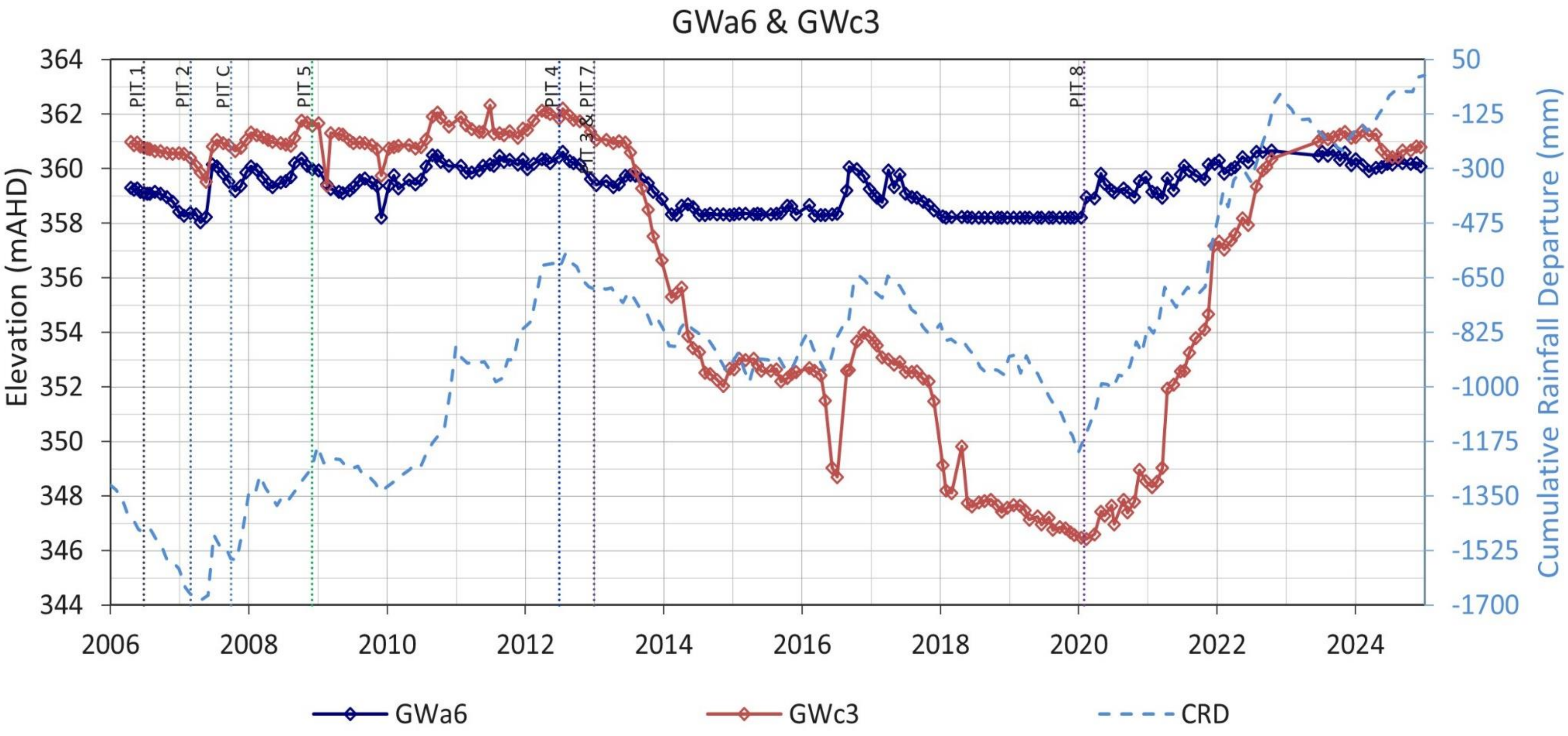

GWa6 & GWc3
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
364
362
360
358
356
354
352
350
348
346
344
50
-125
-300
-475
-650
-825
-1000
-1175
-1350
-1525
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa6
GWc3
CRD

**Figure A 9:**

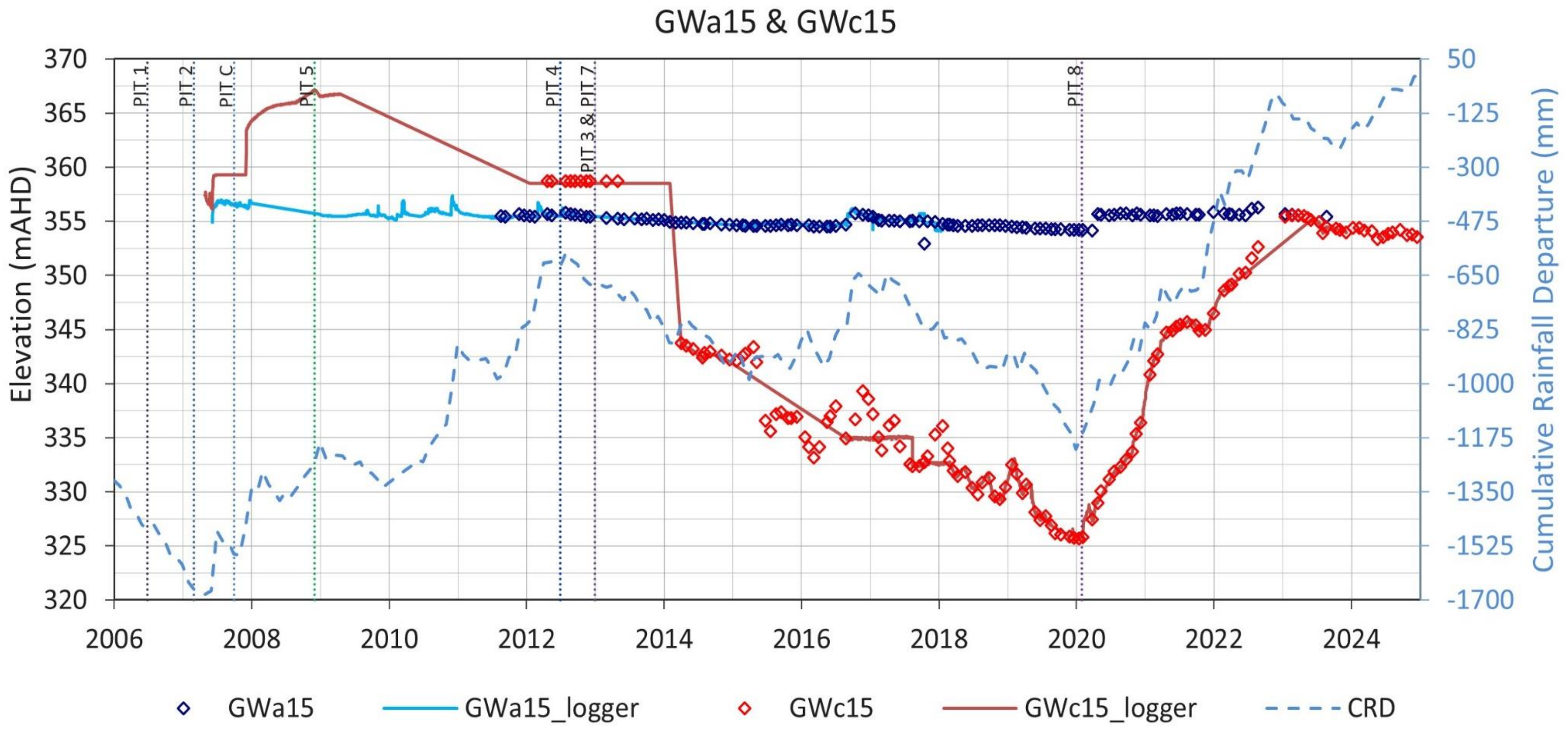

GWa15 & GWc15
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
370
365
360
355
350
345
340
335
330
325
320
50
-125
-300
-475
-650
-825
-1000
-1175
-1350
-1525
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWa15
GWa15_logger
GWc15
GWc15_logger
CRD

**Figure A 10:**

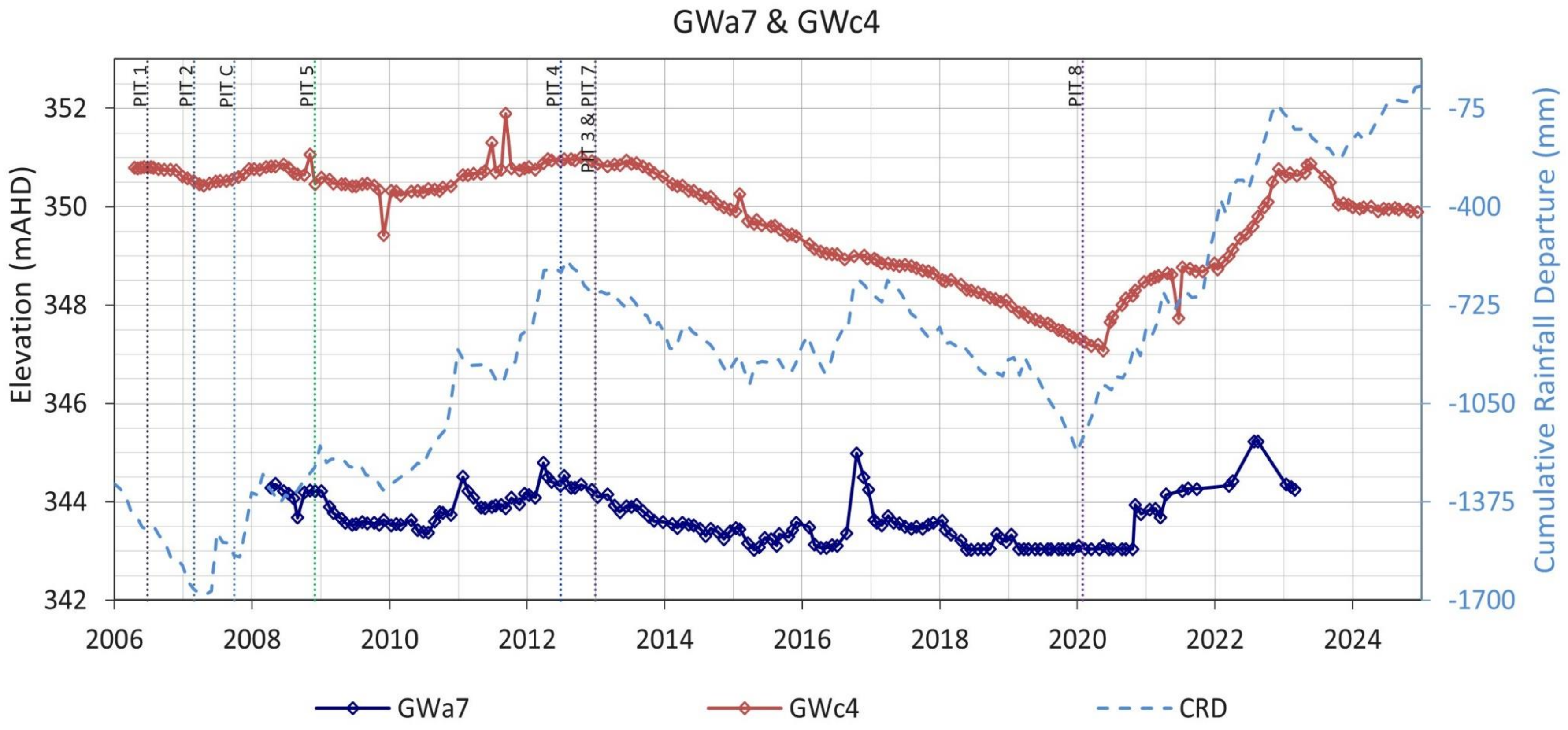
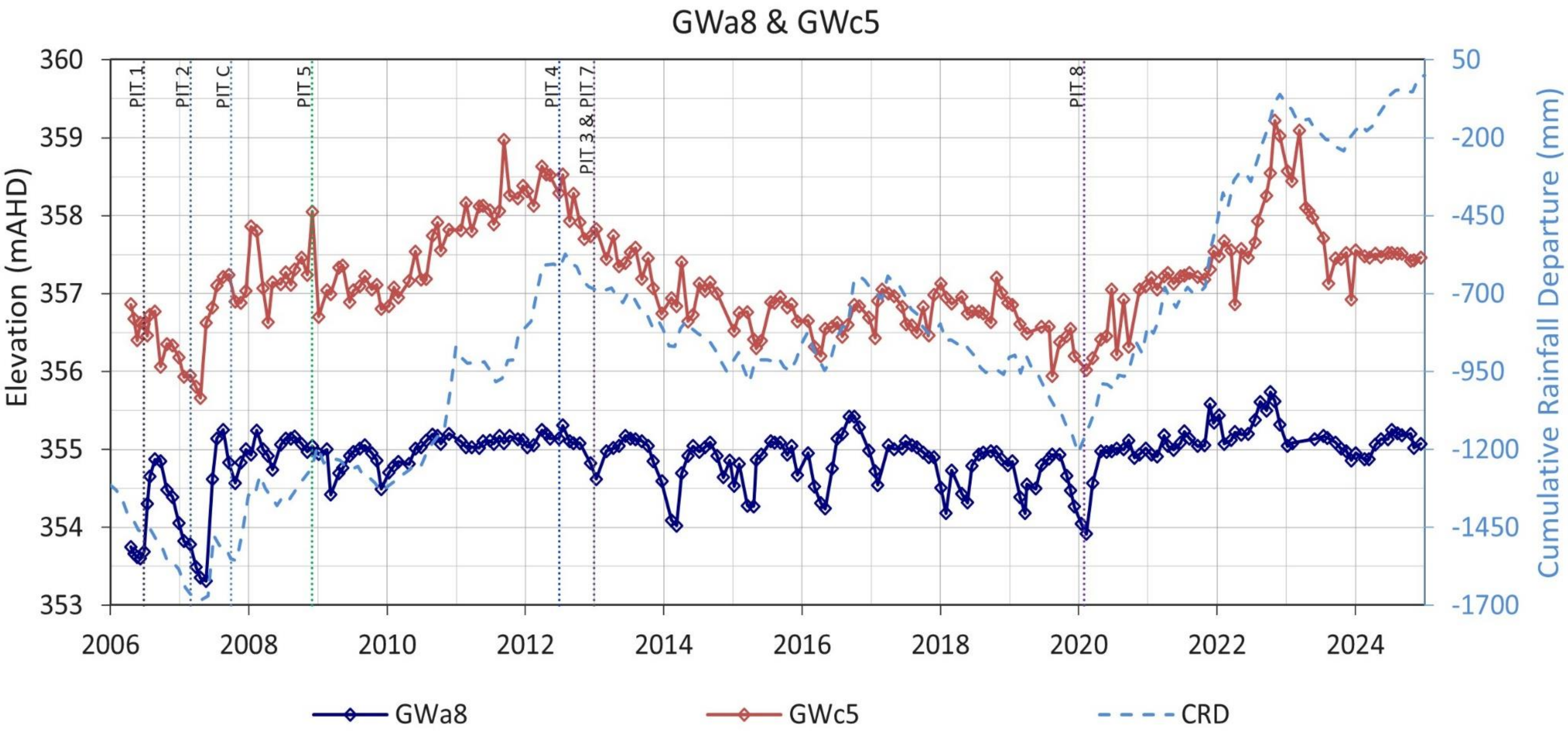

GWa7 & GWc4
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
352
350
348
346
344
342
-75
-400
-725
-1050
-1375
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWa7
GWc4
CRD

**Figure A 11:**


GWa8 & GWc5
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
360
359
358
357
356
355
354
353
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWa8
GWc5
CRD

# Appendix B Trigger Assesment Charts

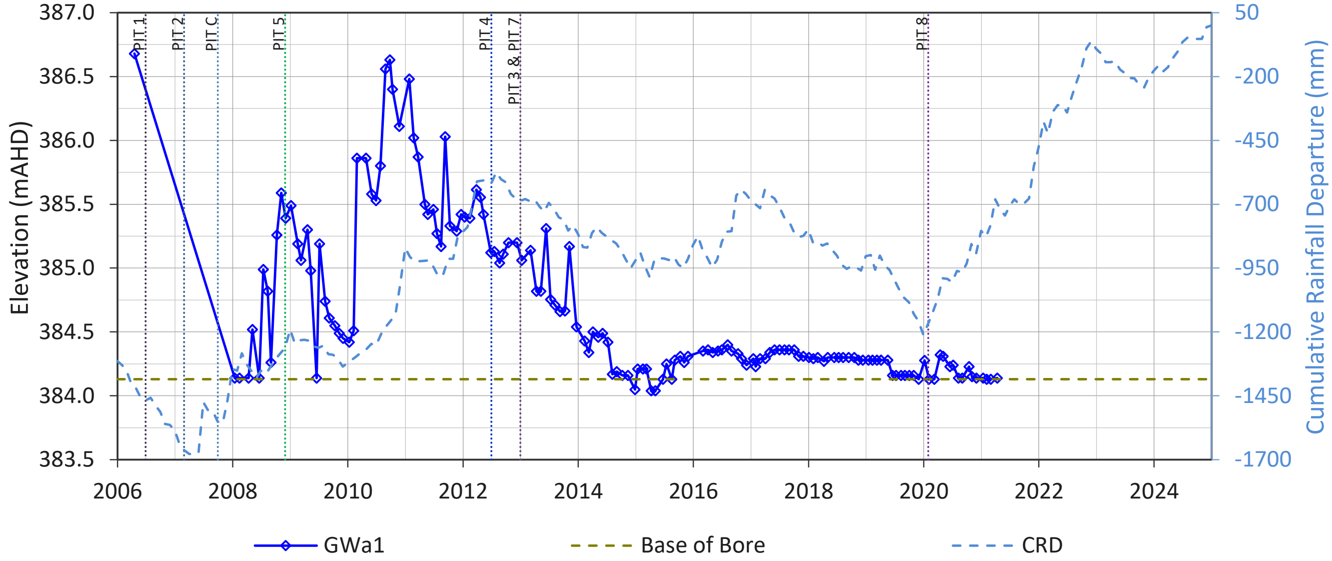
## Annual Review – Wilpinjong Coal MineAnnual Review – Wilpinjong Coal Mine

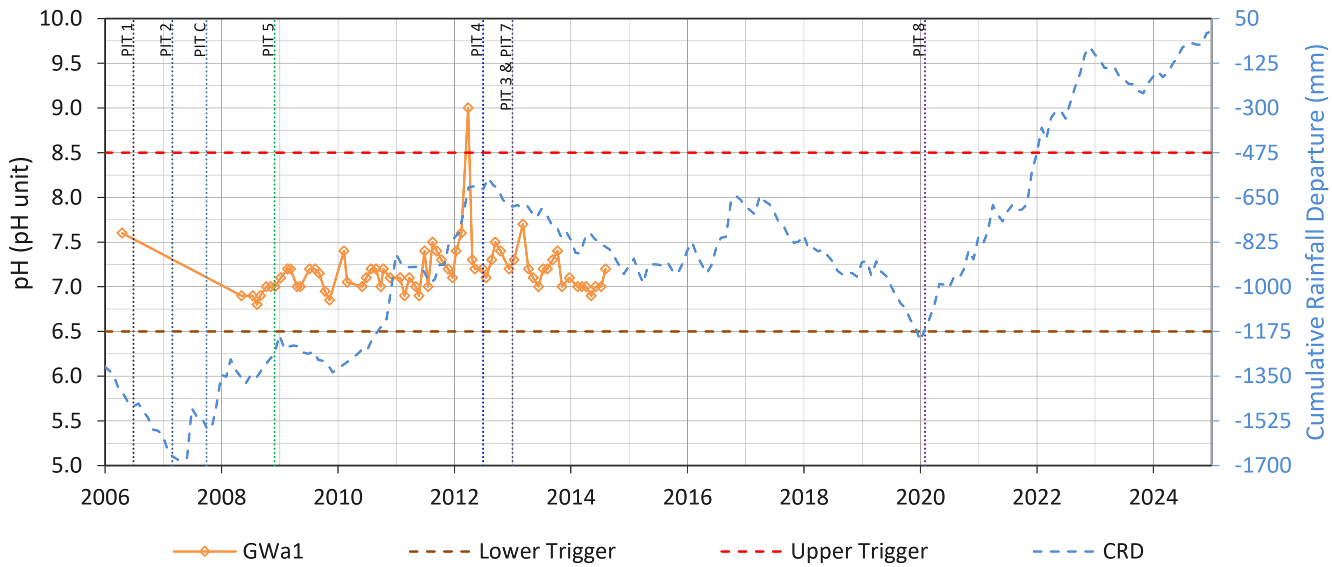
### 2024 Groundwater Compliance

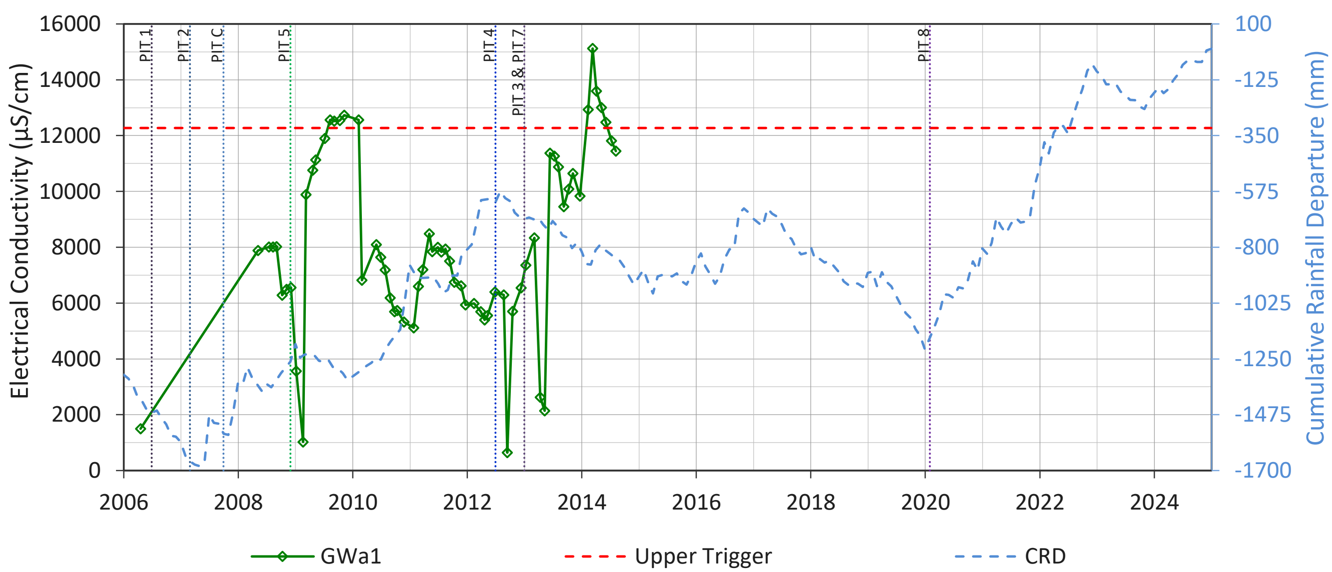
**Wilpinjong Coal Mine**

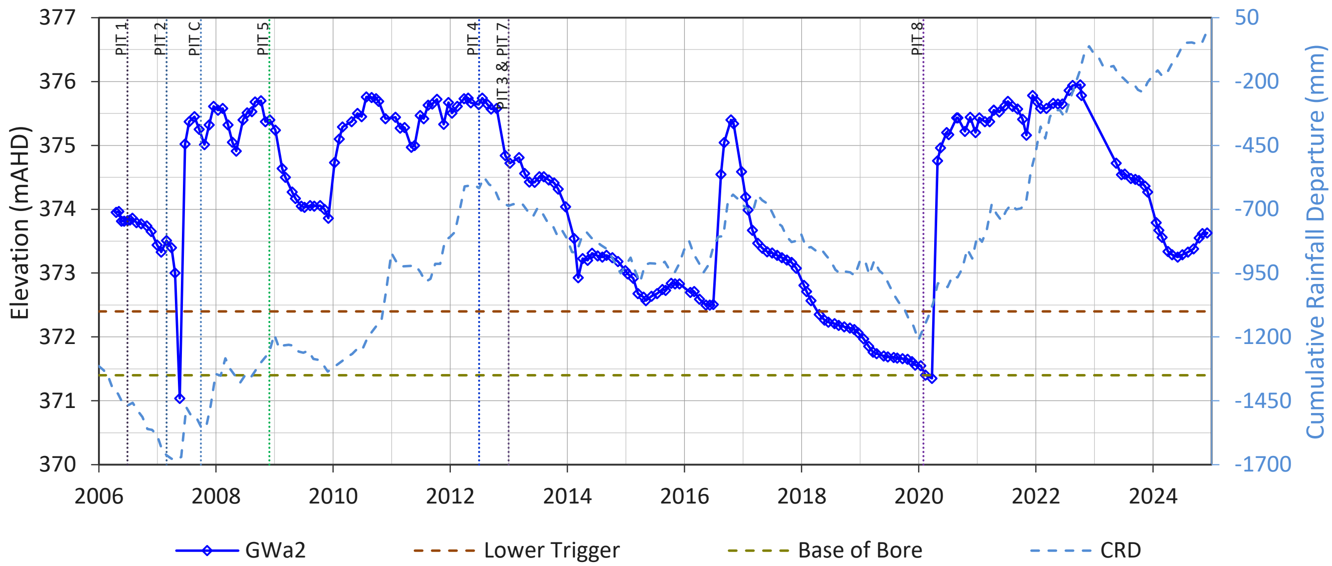
SLR Project No.: 665.v10014.02417

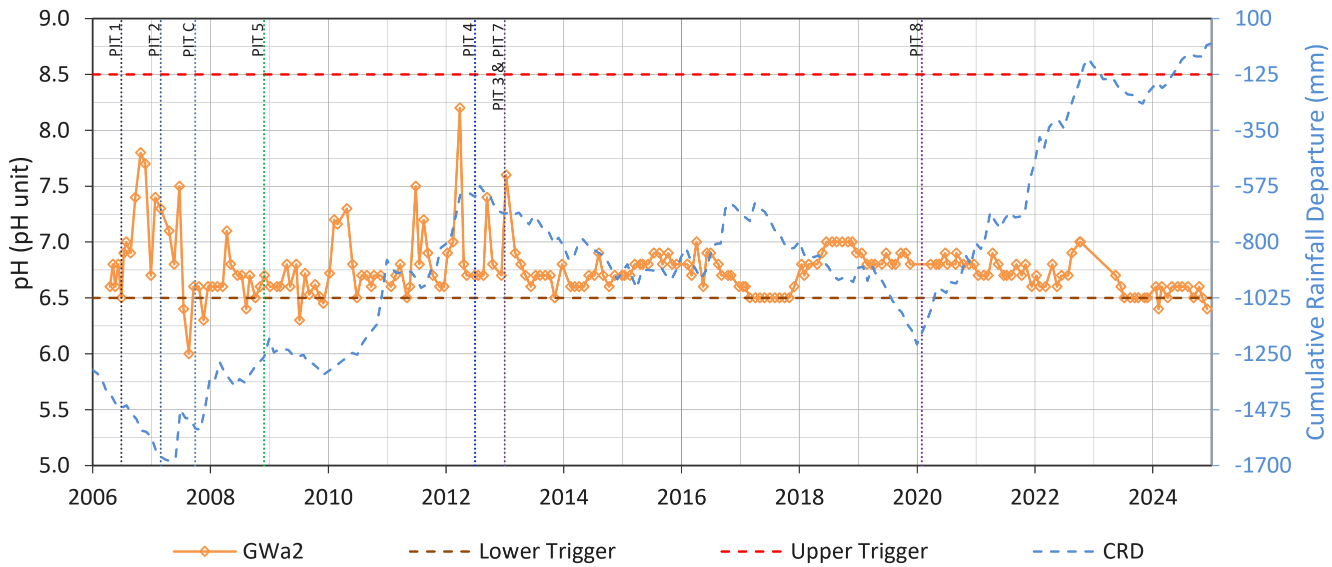
13 February 2025

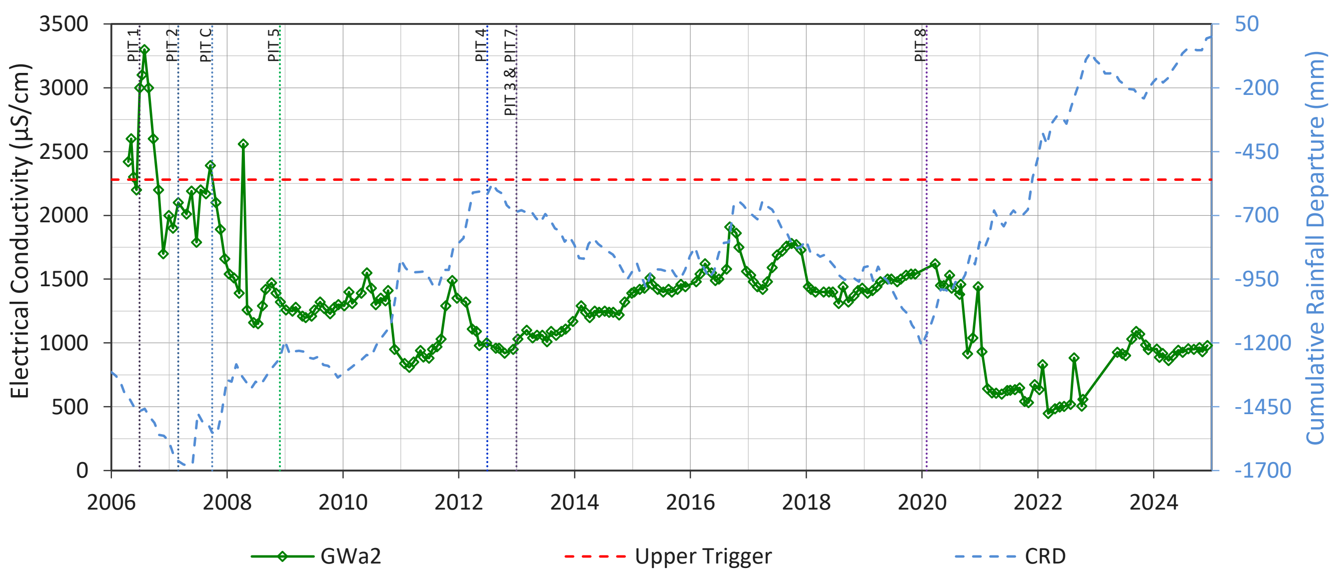

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
387.0
386.5
386.0
385.5
385.0
384.5
384.0
383.5
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa1
Base of Bore
CRD

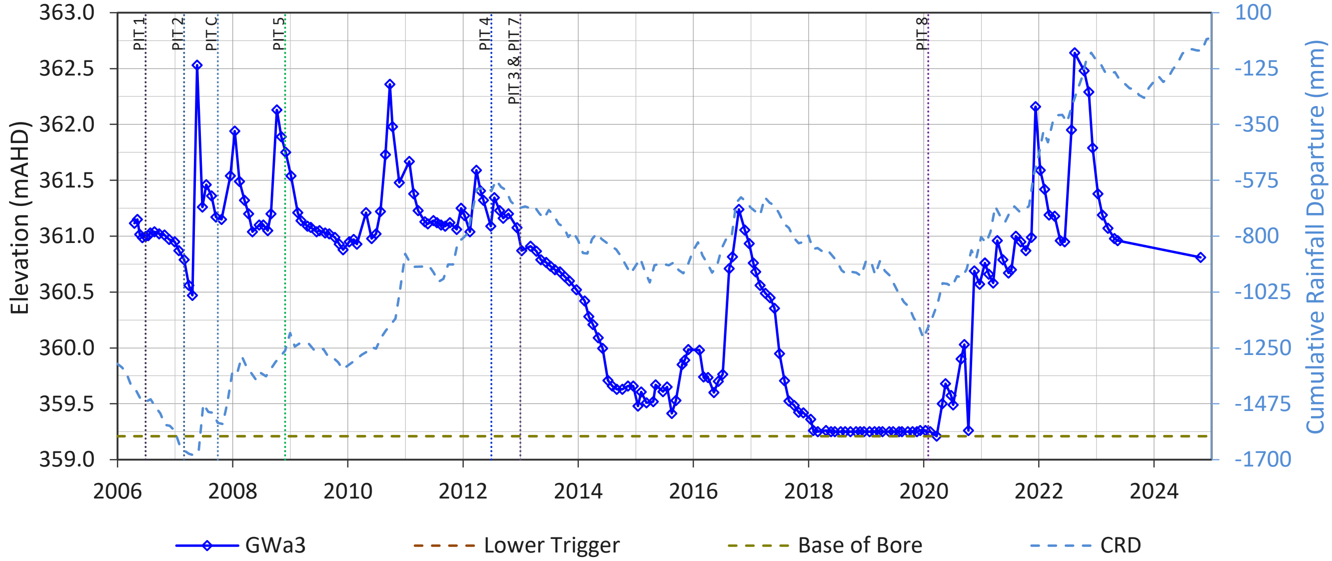

pH (pH unit)
Cumulative Rainfall Departure (mm)
10.0
9.5
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
50
-125
-300
-475
-650
-825
-1000
-1175
-1350
-1525
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa1
Lower Trigger
Upper Trigger
CRD

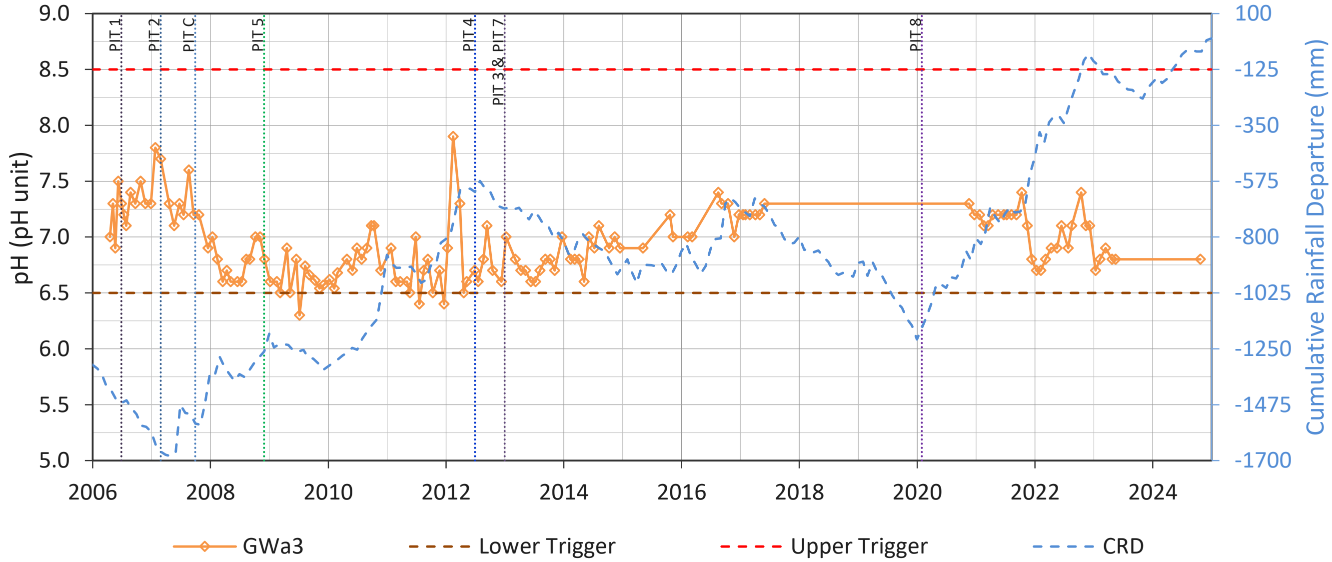

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
16000
14000
12000
10000
8000
6000
4000
2000
0
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa1
Upper Trigger
CRD

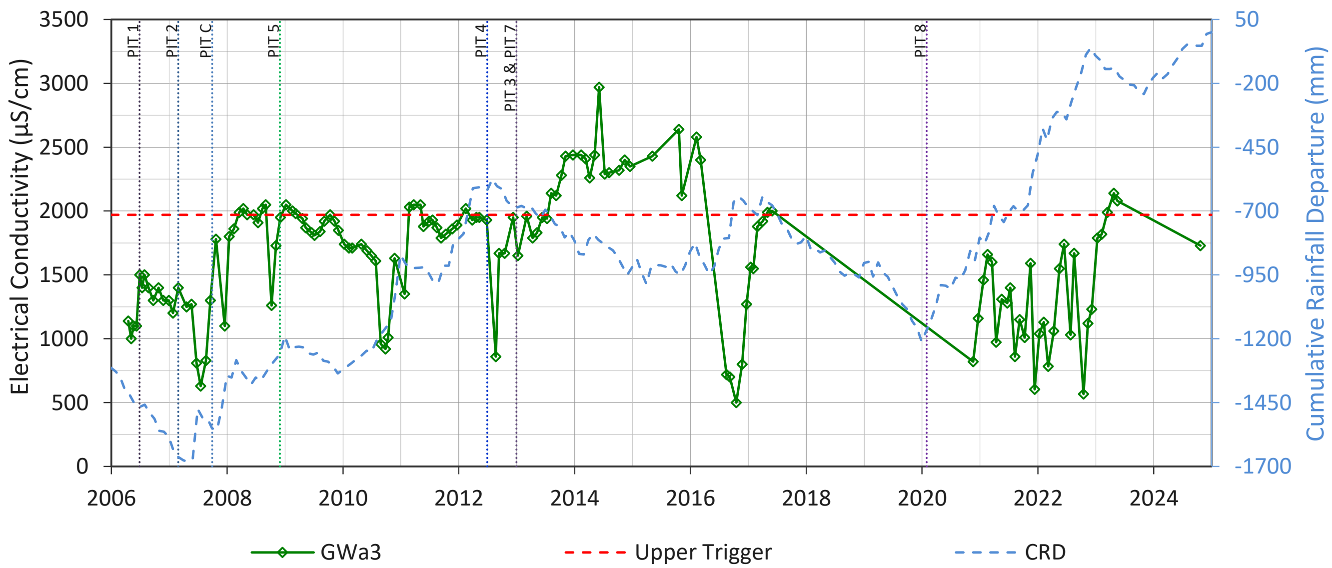

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa2
Lower Trigger
Base of Bore
CRD

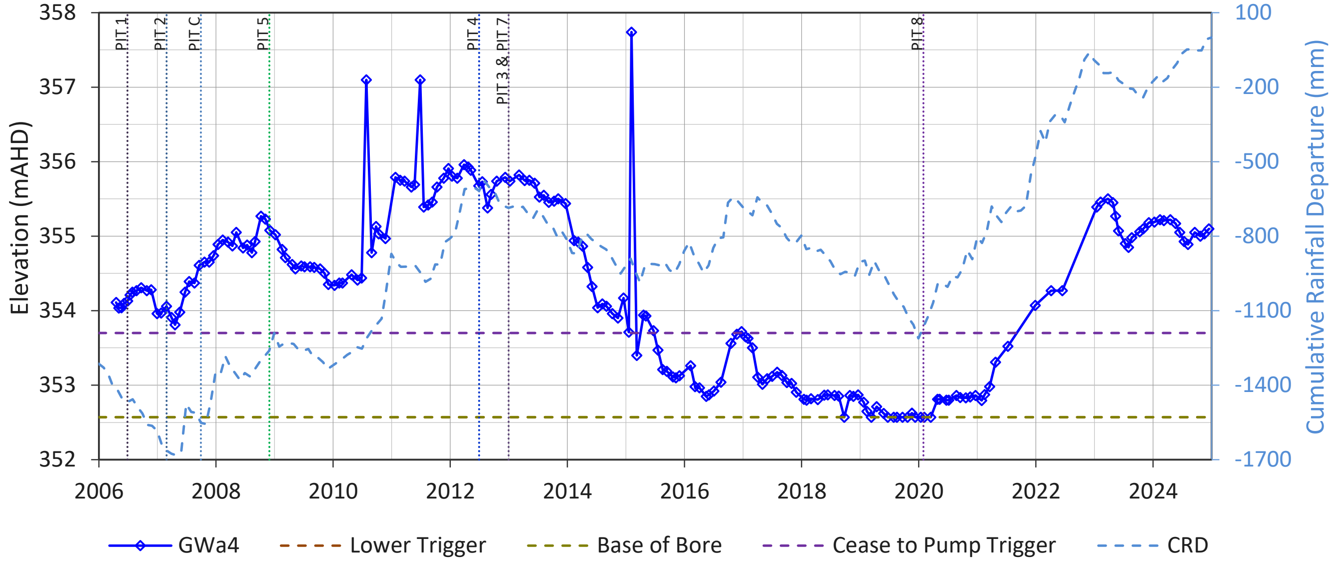

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa2
Lower Trigger
Upper Trigger
CRD


Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa2
Upper Trigger
CRD

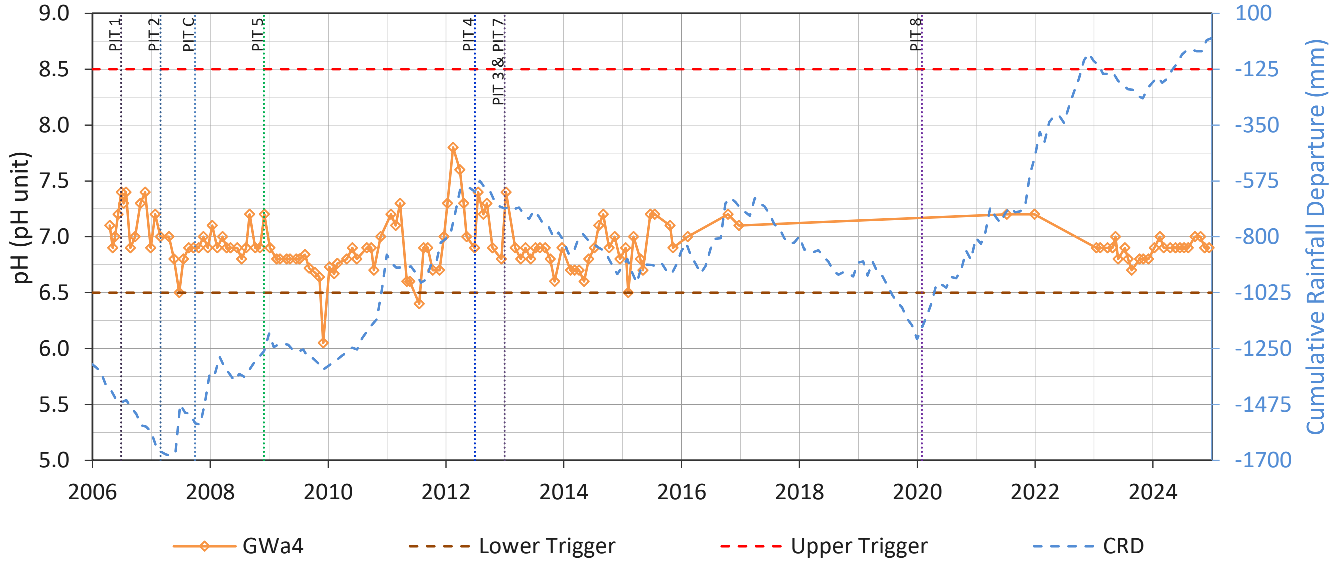

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa3
Lower Trigger
Base of Bore
CRD


pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa3
Lower Trigger
Upper Trigger
CRD

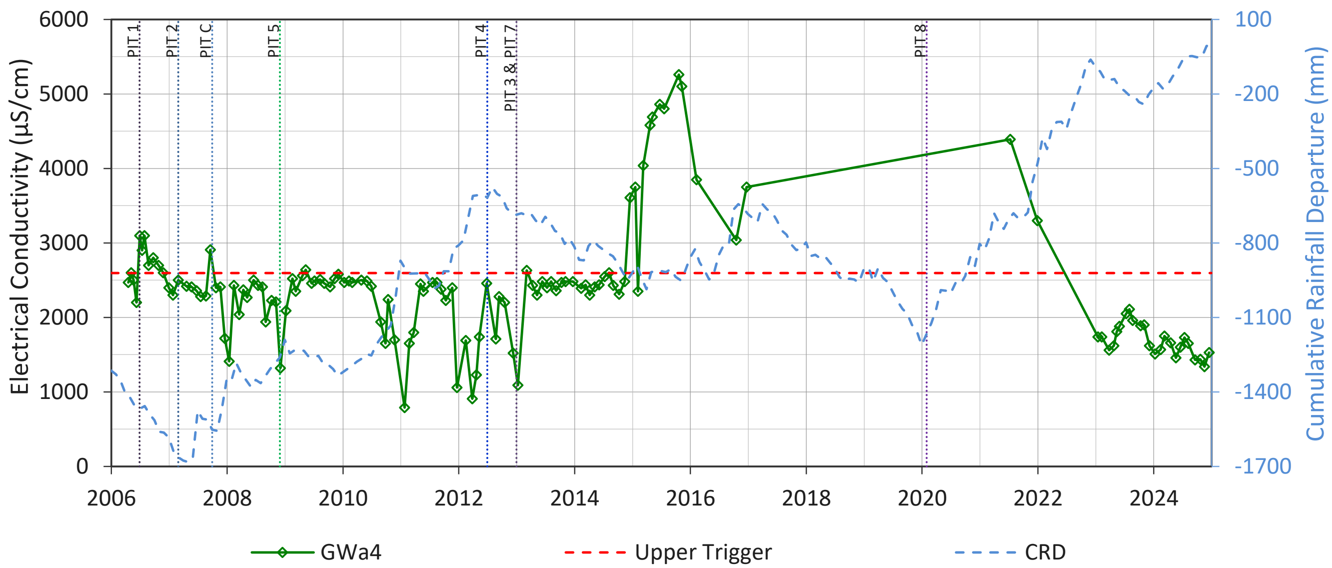

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa3
Upper Trigger
CRD



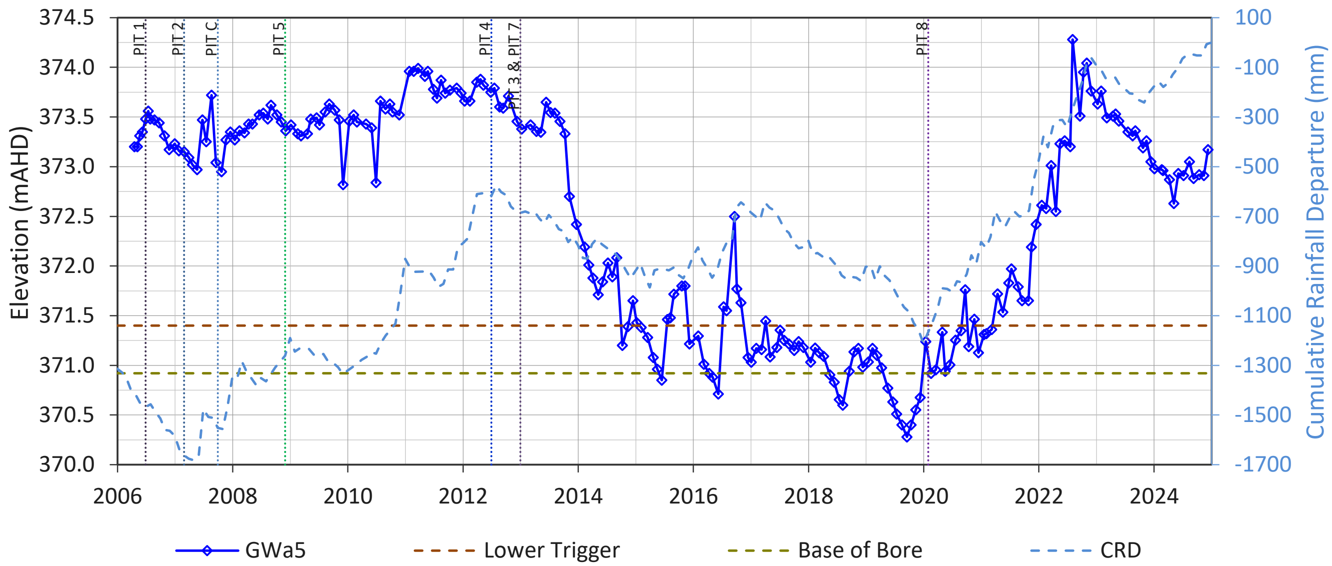
358
357
356
355
354
353
352
Elevation (mAHD)
100
-200
-500
-800
-1100
-1400
-1700
Cumulative Rainfall Departure (mm)
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa4
Lower Trigger
Base of Bore
Cease to Pump Trigger
CRD

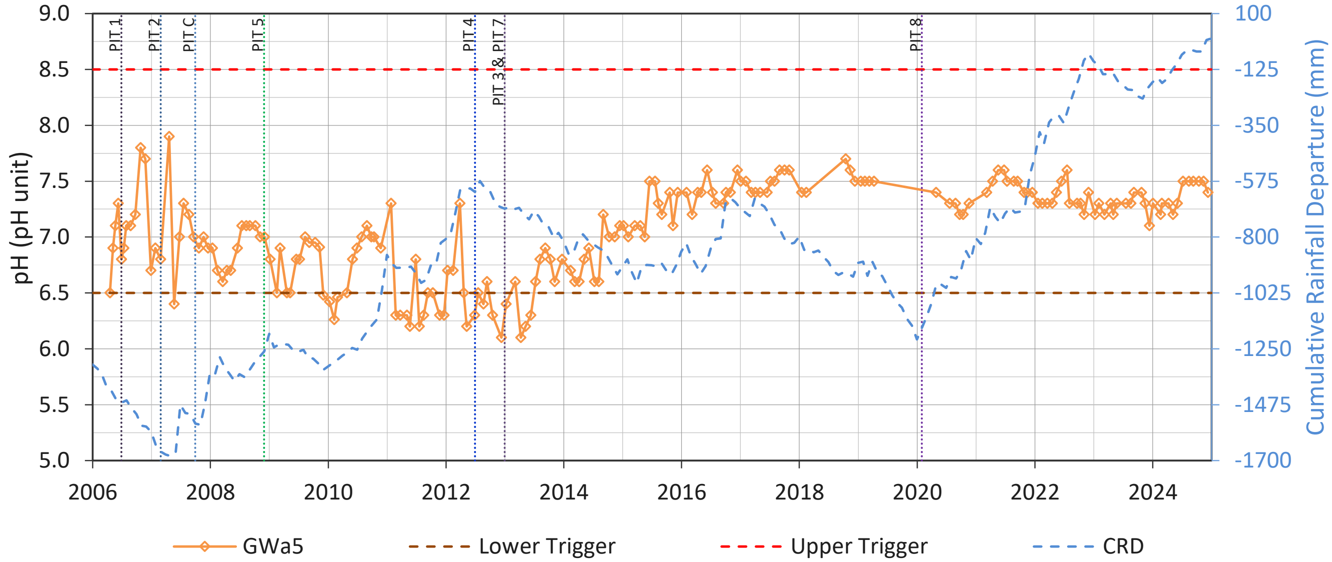



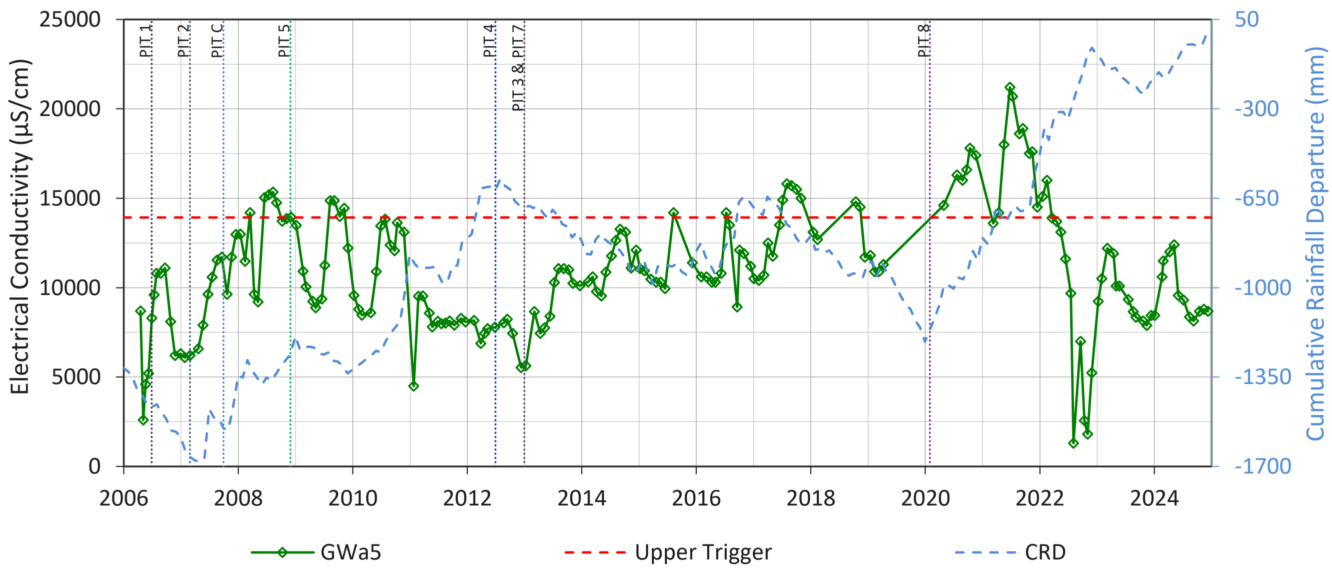
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
pH (pH unit)
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
Cumulative Rainfall Departure (mm)
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa4
Lower Trigger
Upper Trigger
CRD

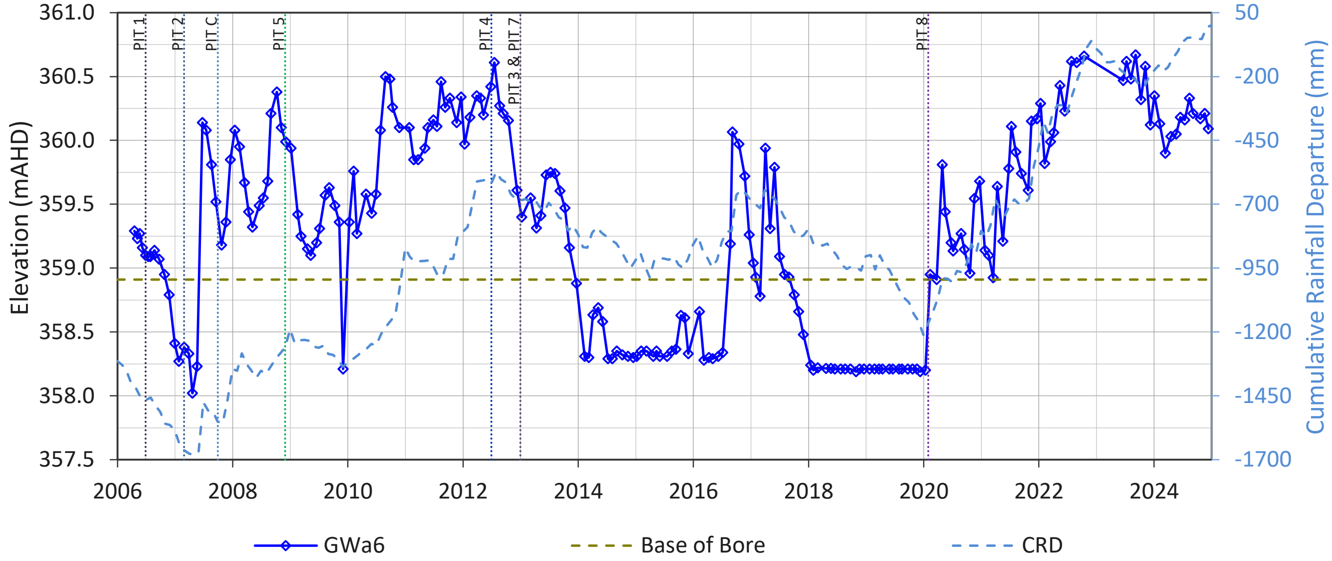



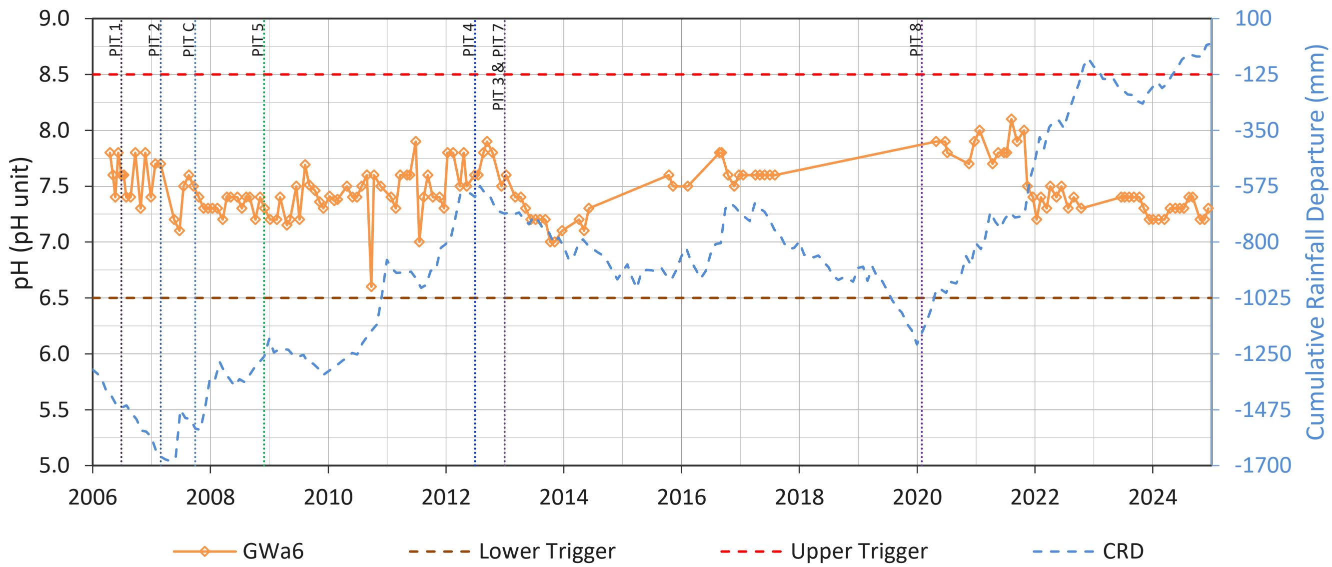
6000
5000
4000
3000
2000
1000
0
Electrical Conductivity (µS/cm)
100
-200
-500
-800
-1100
-1400
-1700
Cumulative Rainfall Departure (mm)
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa4
Upper Trigger
CRD

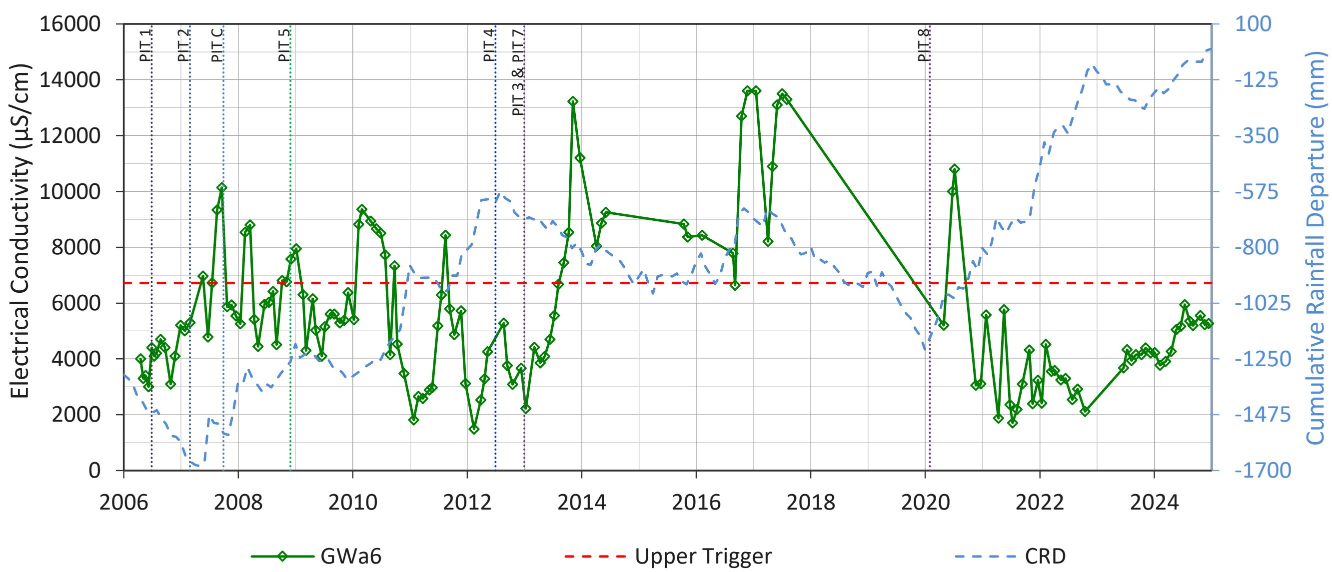

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa5
Lower Trigger
Base of Bore
CRD

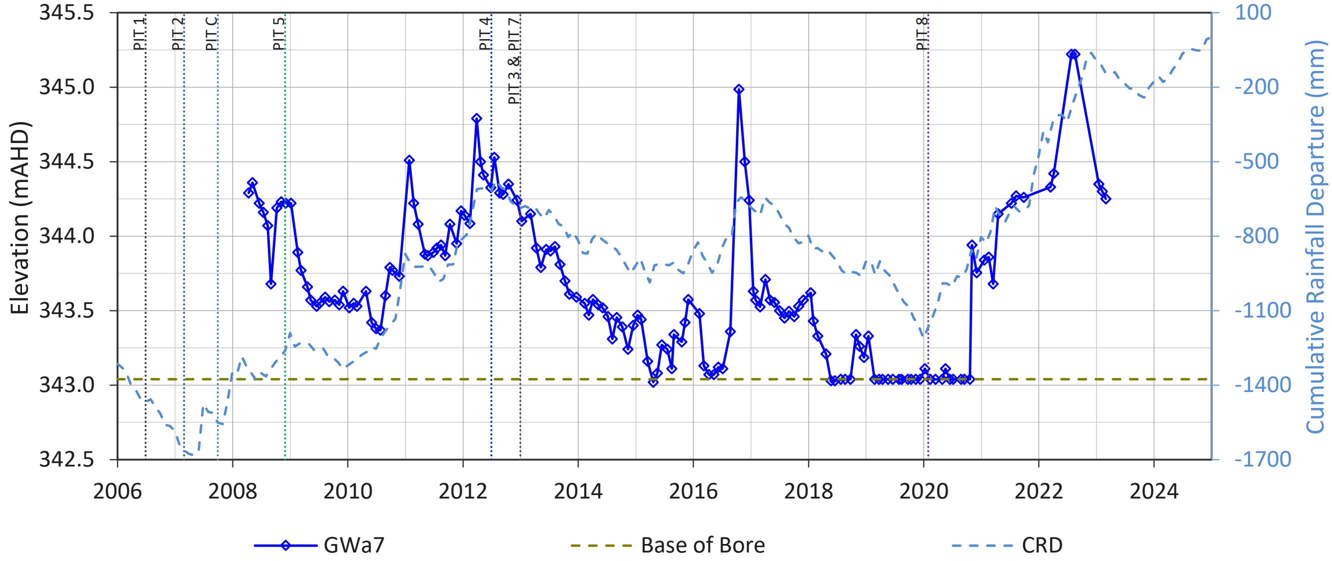

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa5
Lower Trigger
Upper Trigger
CRD

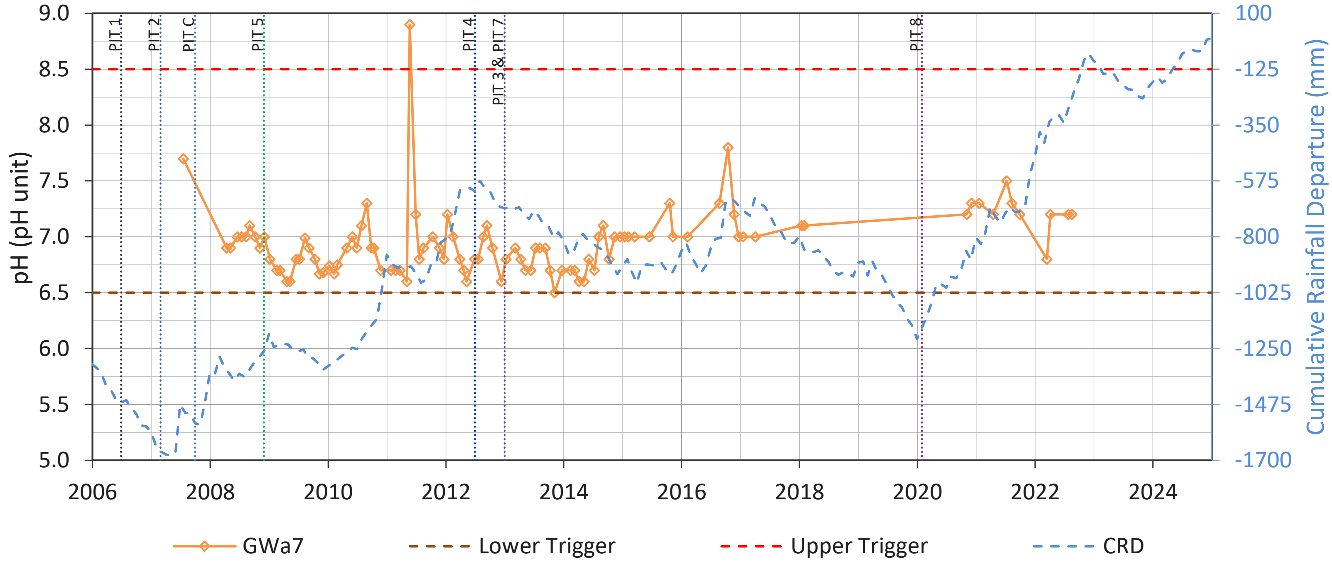

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa5
Upper Trigger
CRD

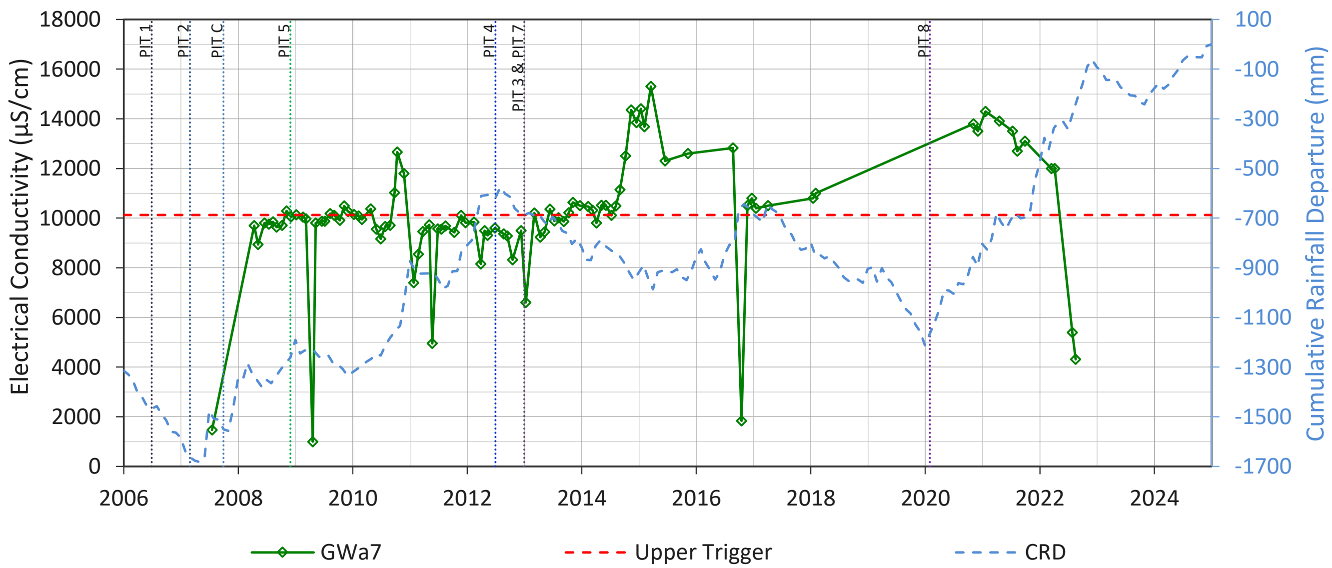

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa6
Base of Bore
CRD

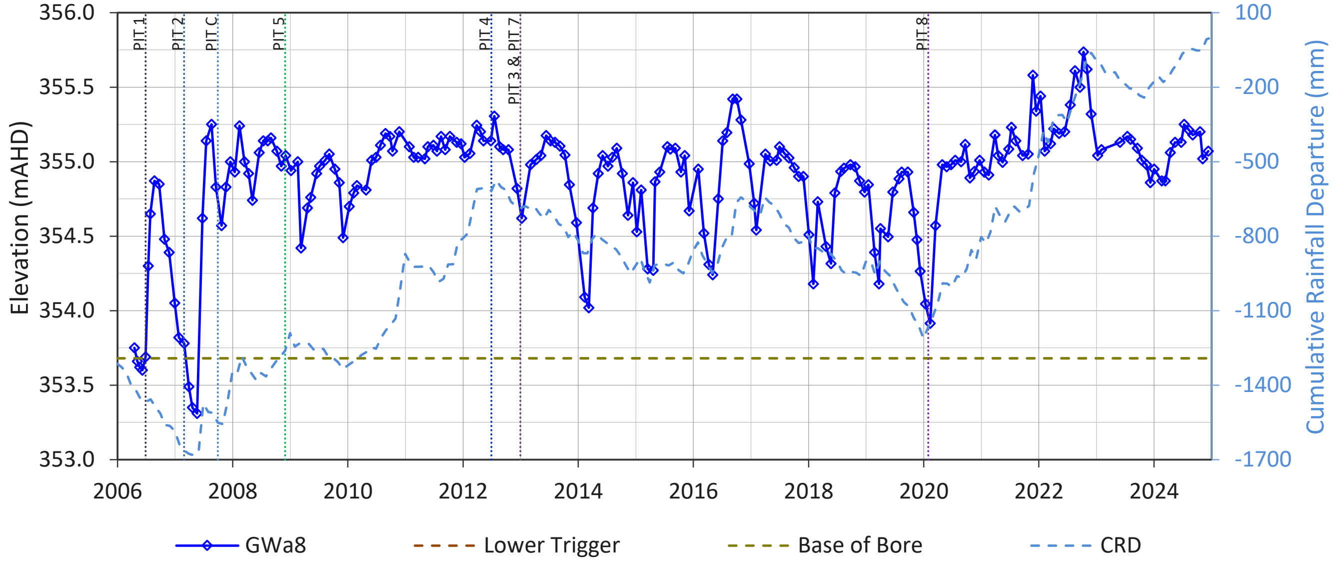

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa6
Lower Trigger
Upper Trigger
CRD

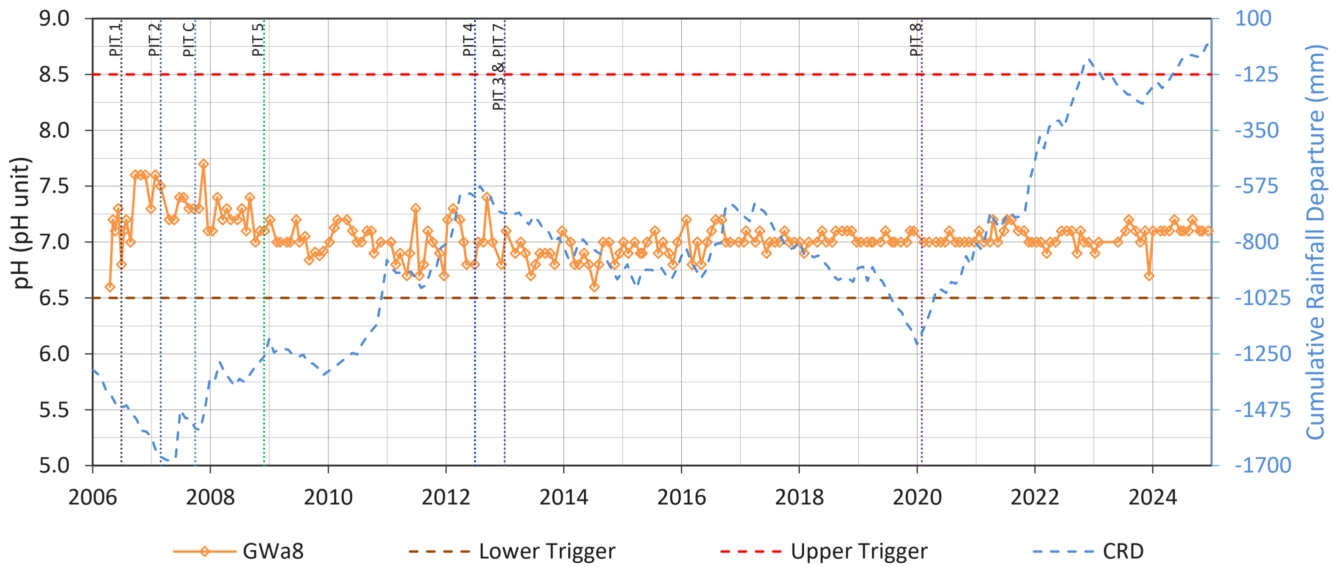

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa6
Upper Trigger
CRD

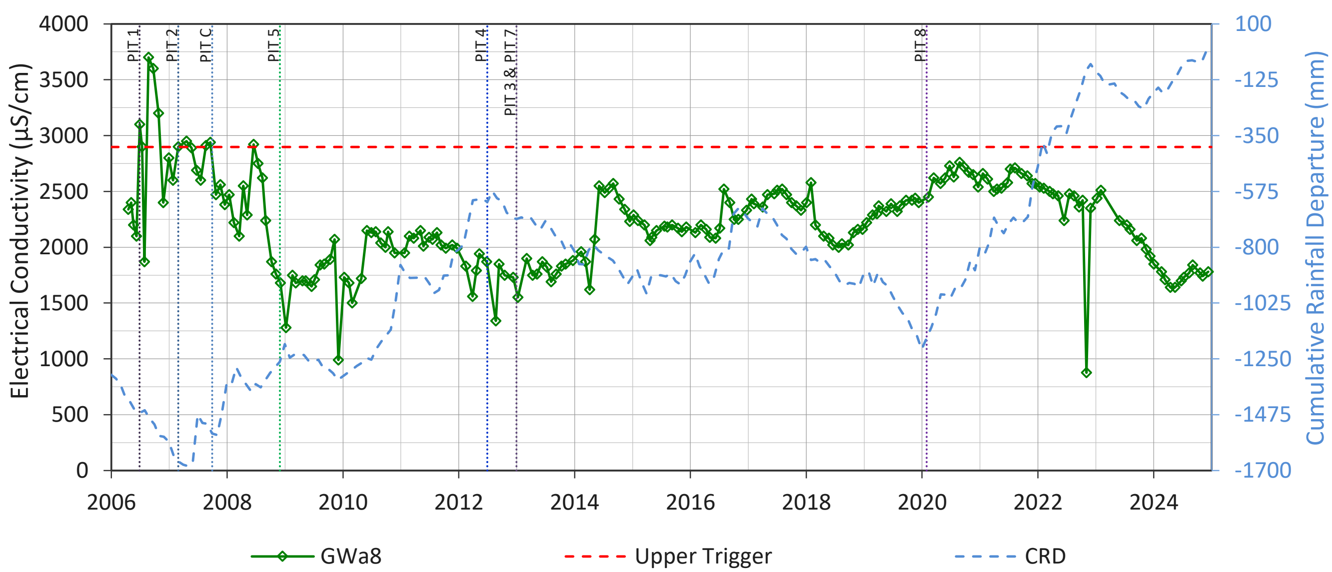

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa7
Base of Bore
CRD

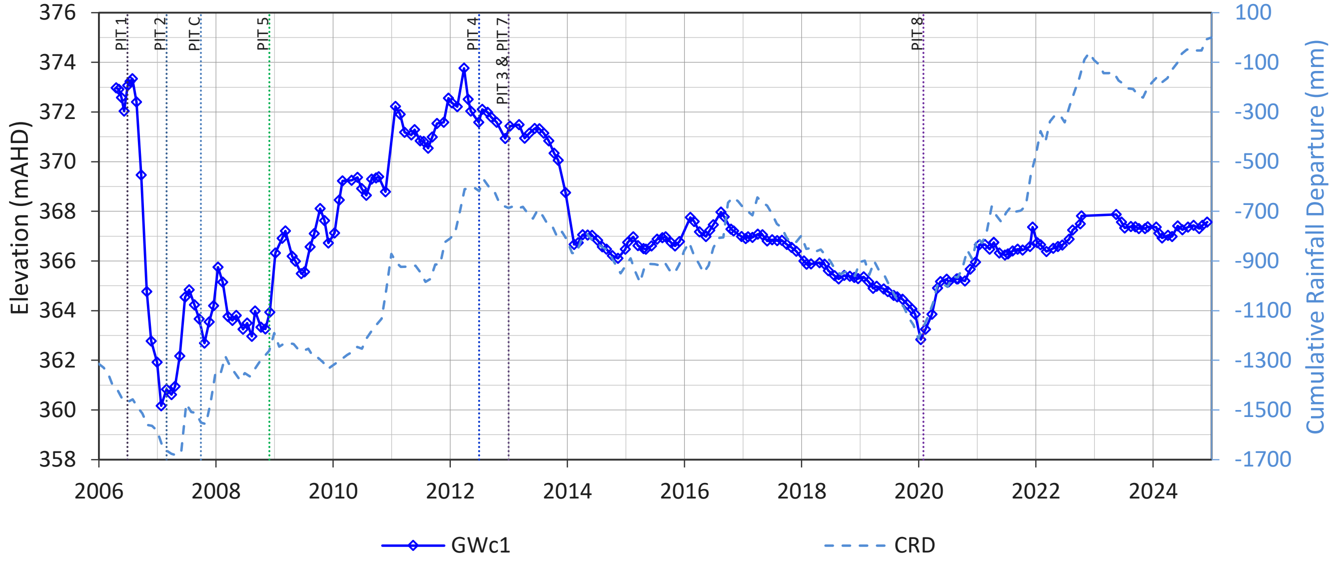

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa7
Lower Trigger
Upper Trigger
CRD

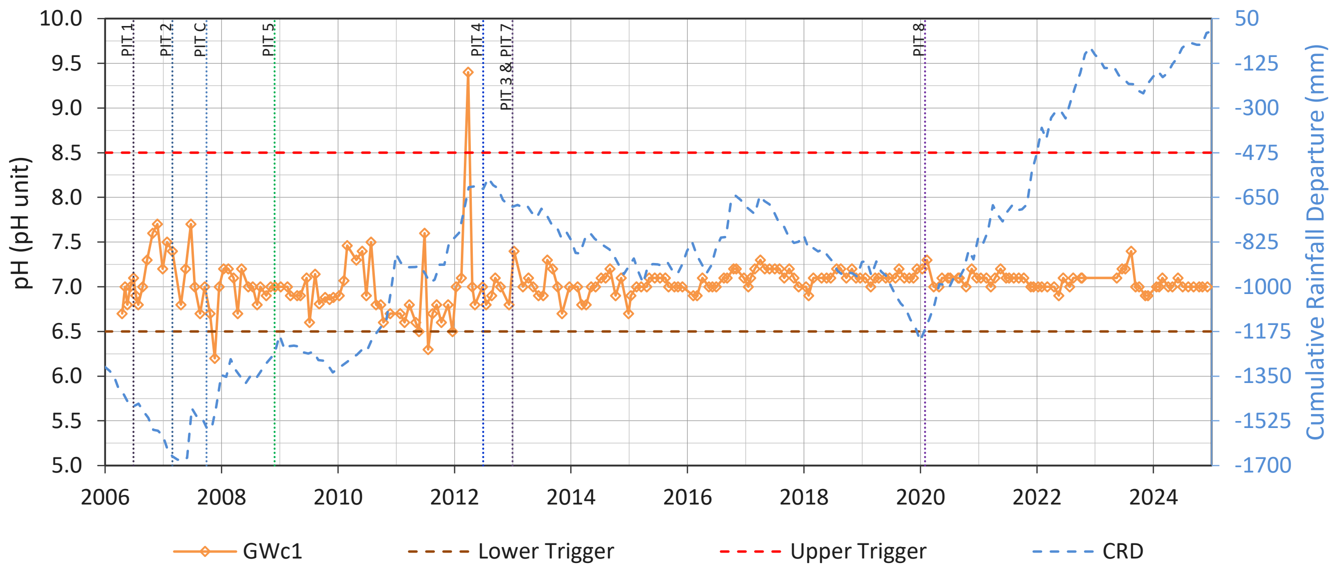

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa7
Upper Trigger
CRD

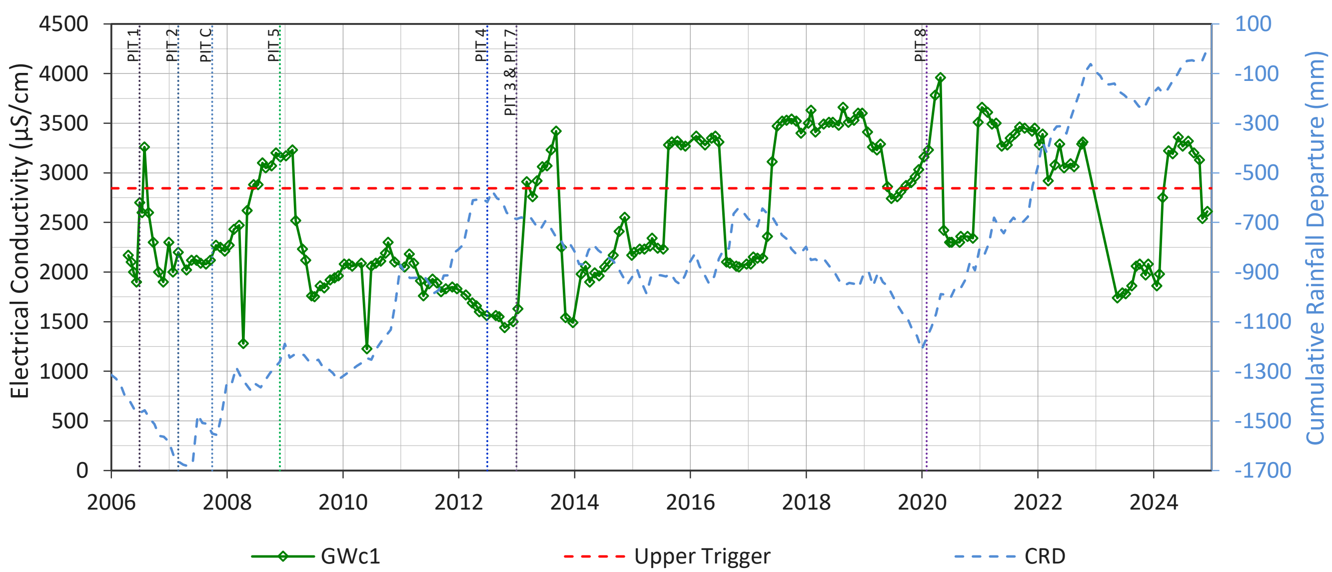

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa8
Lower Trigger
Base of Bore
CRD

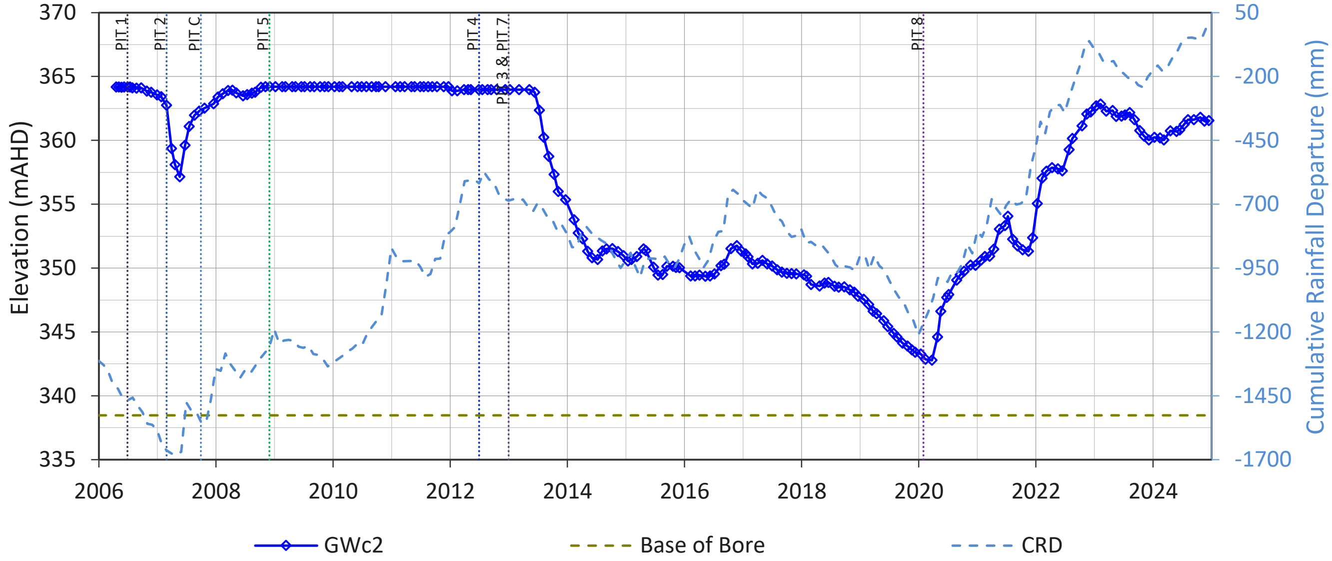

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa8
Lower Trigger
Upper Trigger
CRD

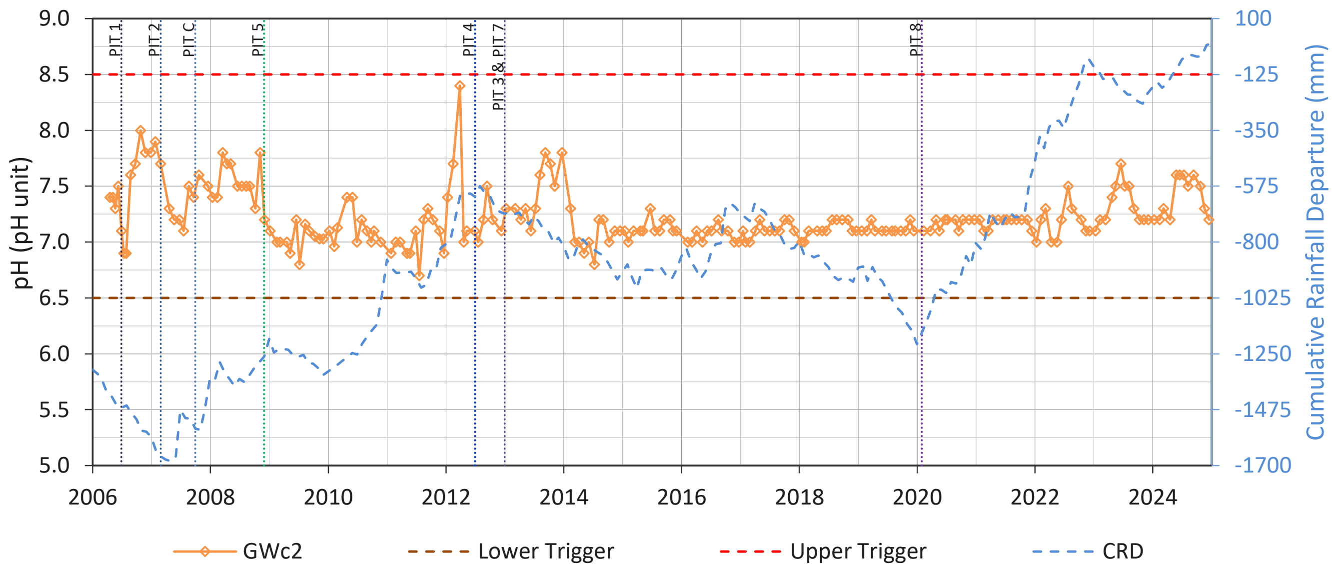

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa8
Upper Trigger
CRD

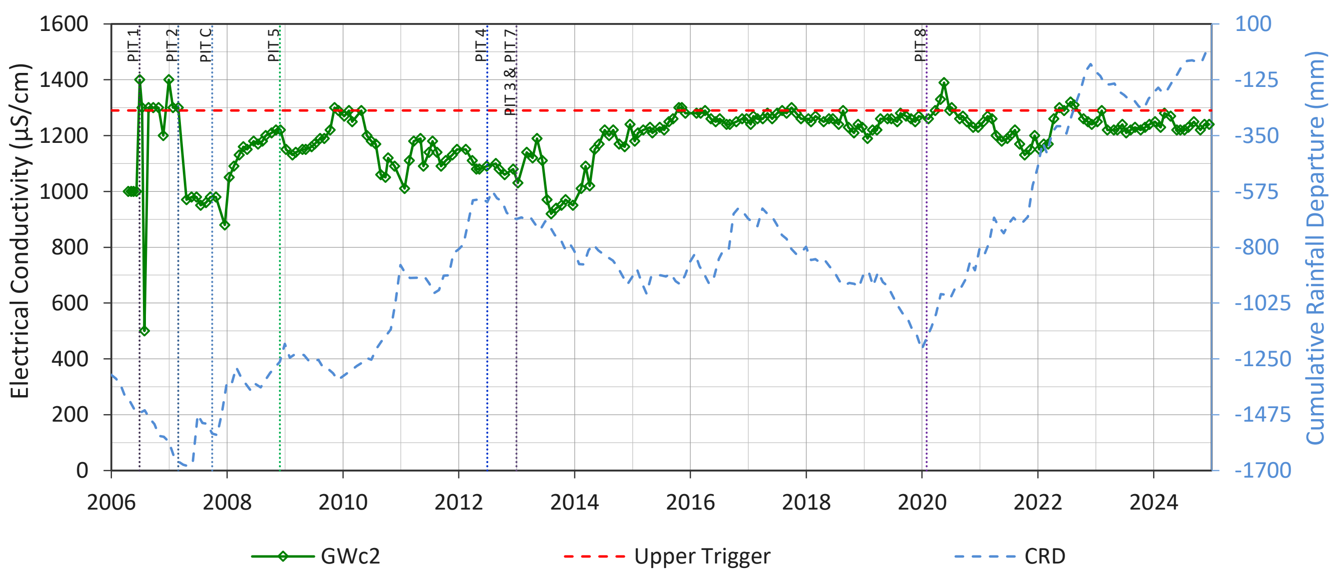

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc1
CRD

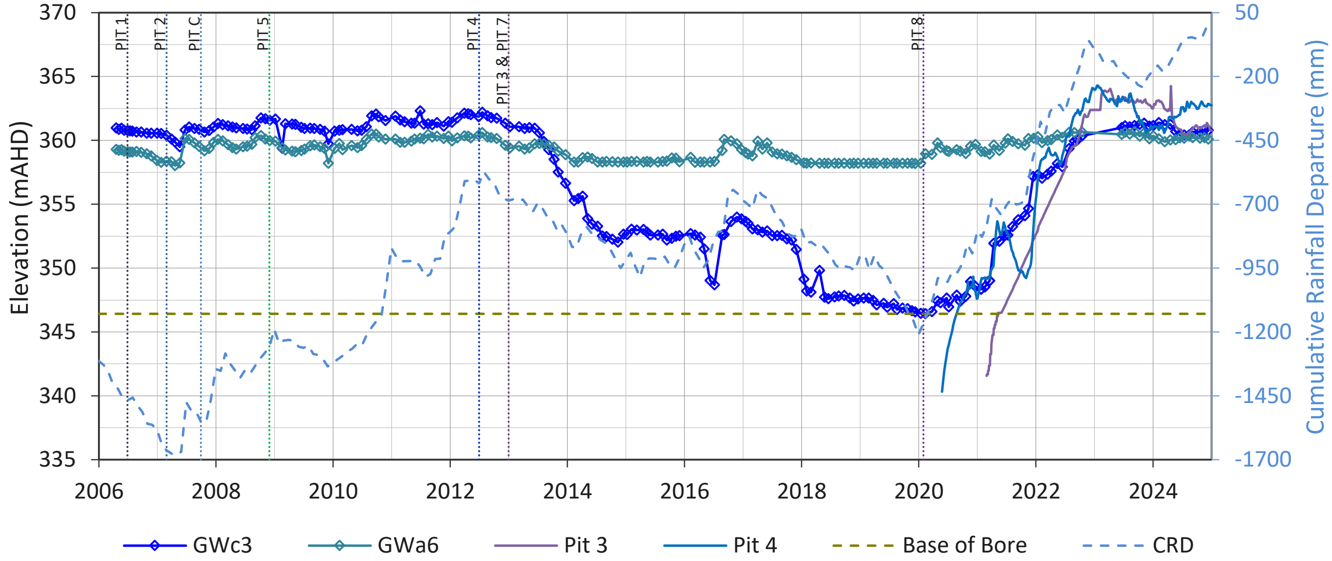

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc1
Lower Trigger
Upper Trigger
CRD

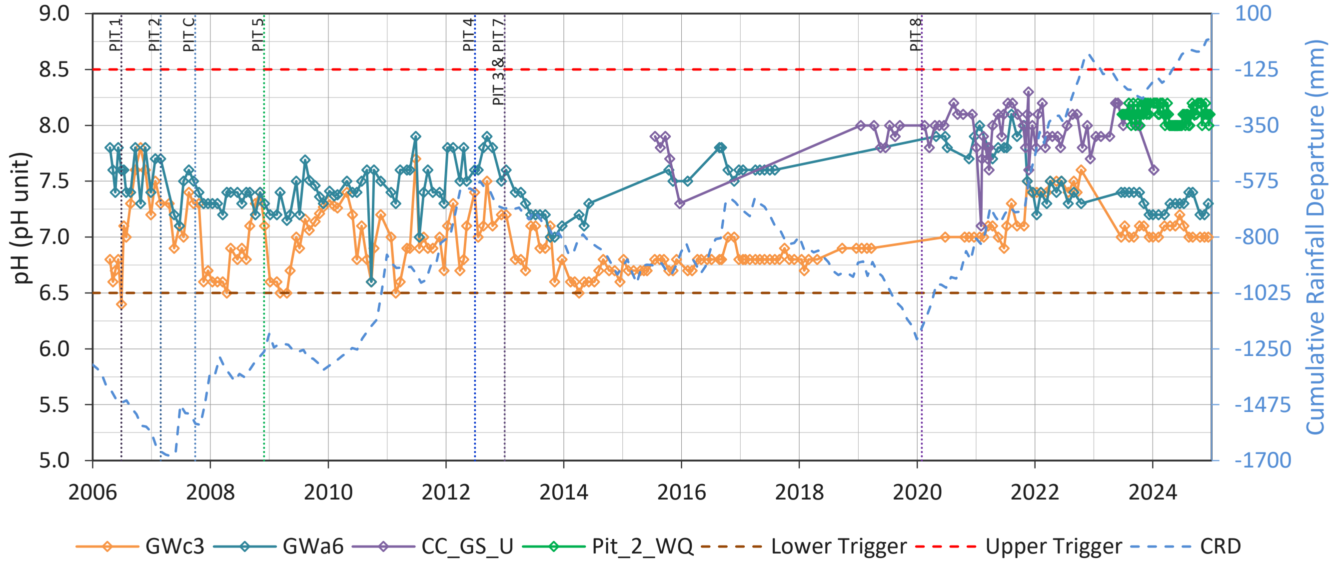

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc1
Upper Trigger
CRD

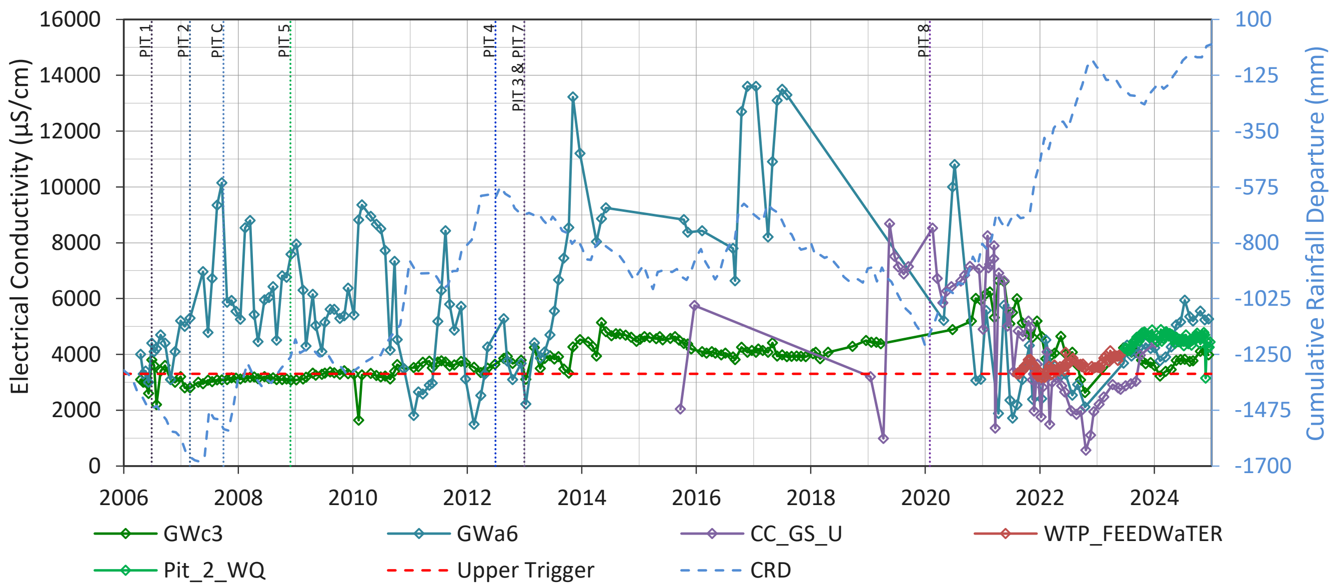

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc2
Base of Bore
CRD

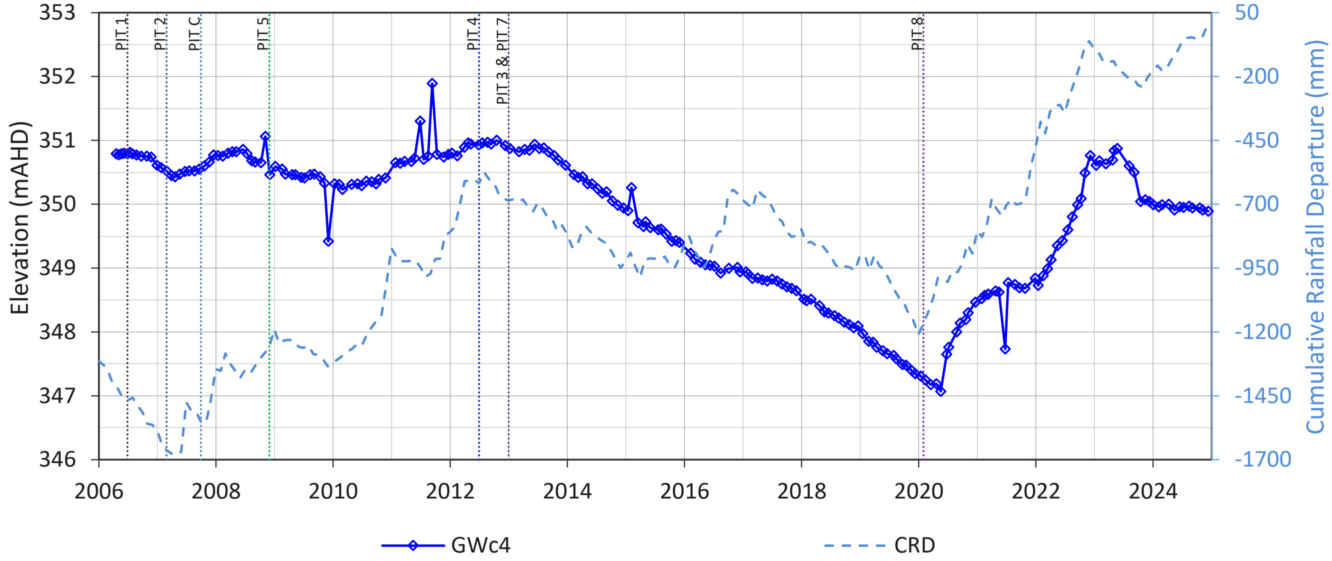

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc2
Lower Trigger
Upper Trigger
CRD


Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc2
Upper Trigger
CRD

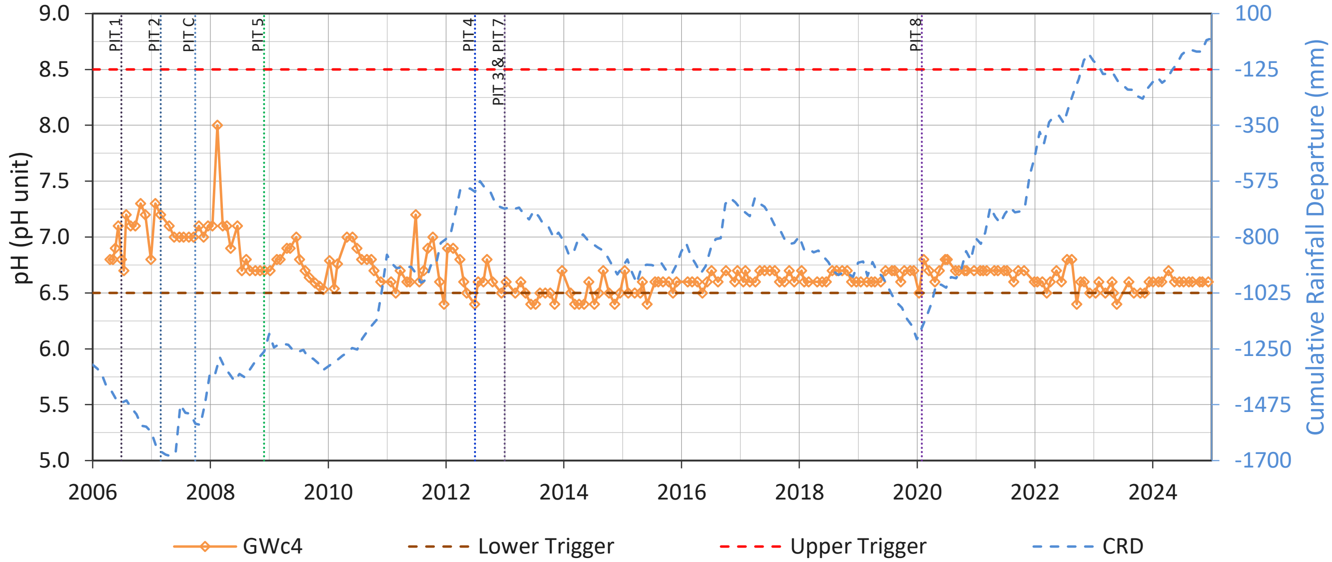

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc3
GWa6
Pit 3
Pit 4
Base of Bore
CRD


pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc3
GWa6
CC_GS_U
Pit_2_WQ
Lower Trigger
Upper Trigger
CRD

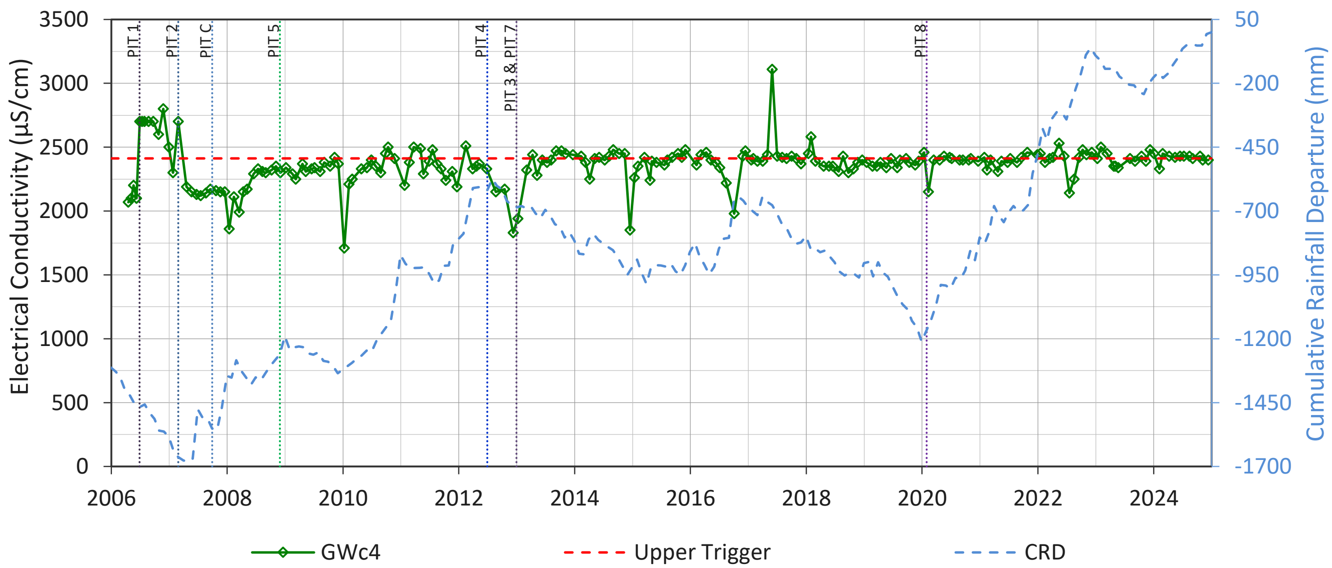

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc3
GWa6
CC_GS_U
WTP_FEEDWaTER
Pit_2_WQ
Upper Trigger
CRD



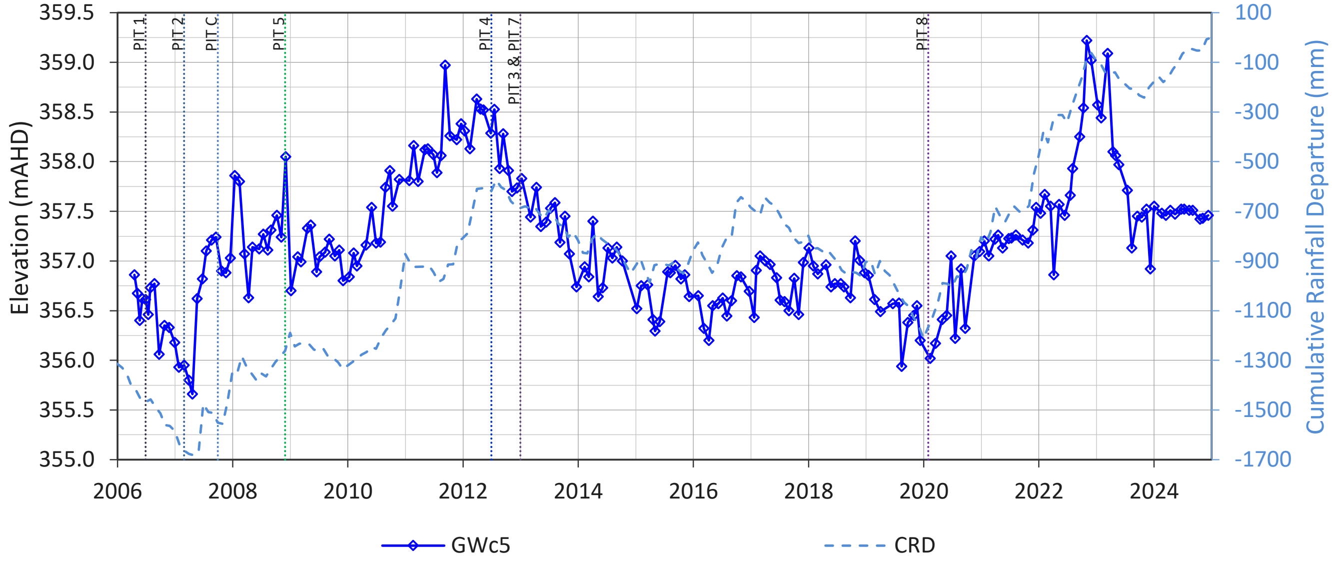
353
352
351
350
349
348
347
346
Elevation (mAHD)
50
-200
-450
-700
-950
-1200
-1450
-1700
Cumulative Rainfall Departure (mm)
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc4
CRD

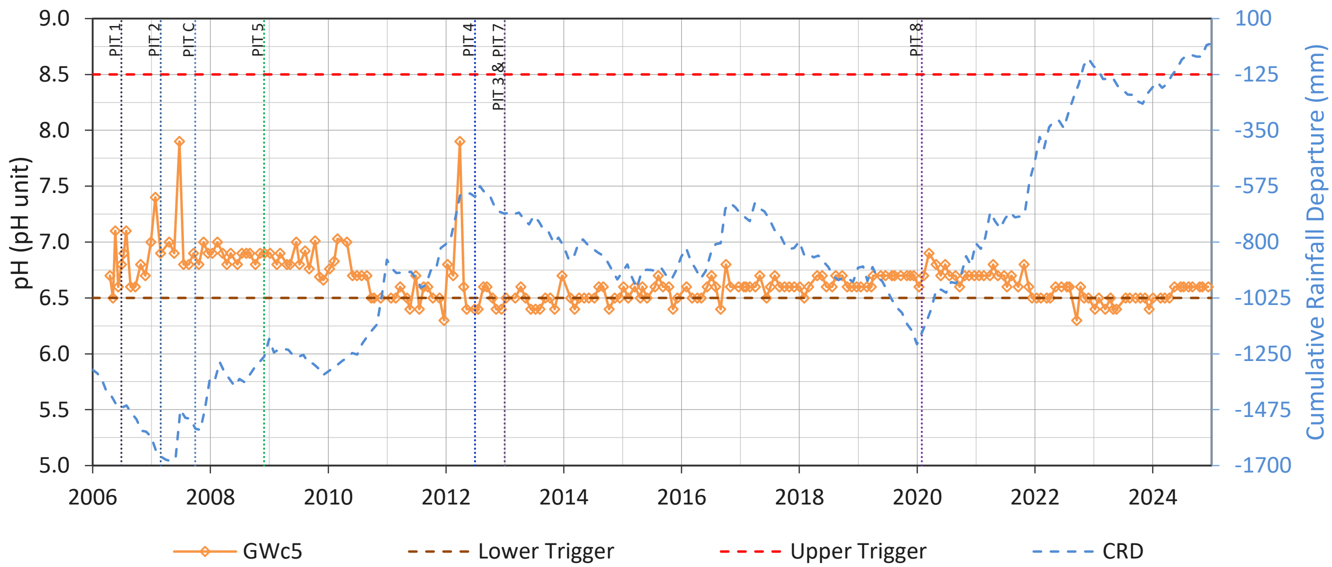



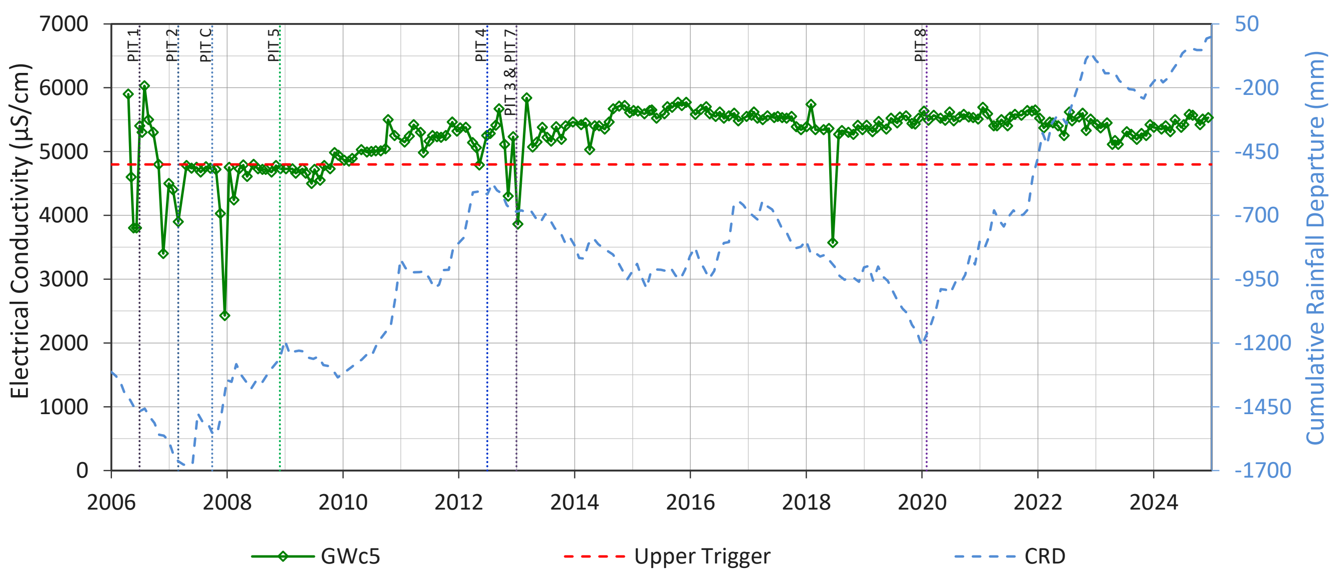
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
pH (pH unit)
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
Cumulative Rainfall Departure (mm)
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc4
Lower Trigger
Upper Trigger
CRD

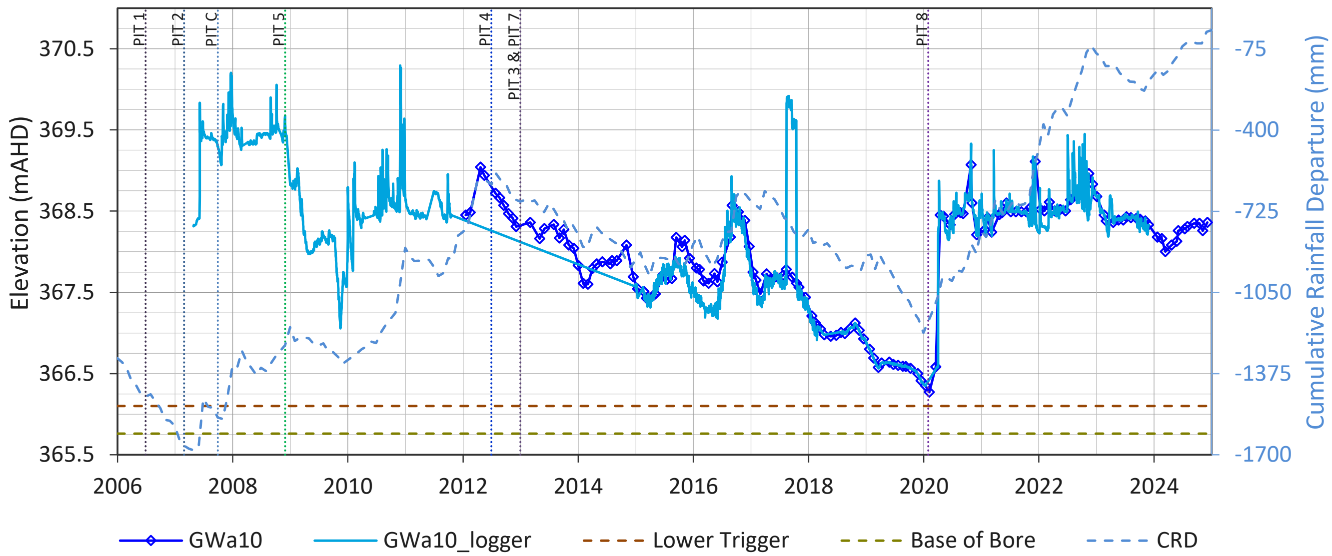



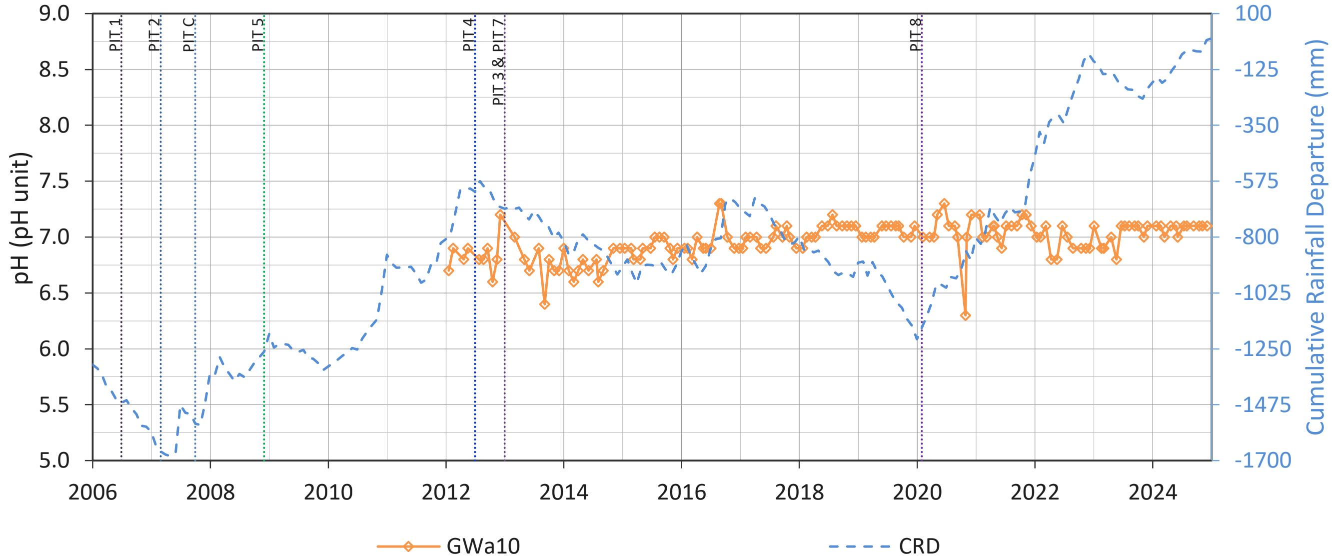
3500
3000
2500
2000
1500
1000
500
0
Electrical Conductivity (µS/cm)
50
-200
-450
-700
-950
-1200
-1450
-1700
Cumulative Rainfall Departure (mm)
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc4
Upper Trigger
CRD

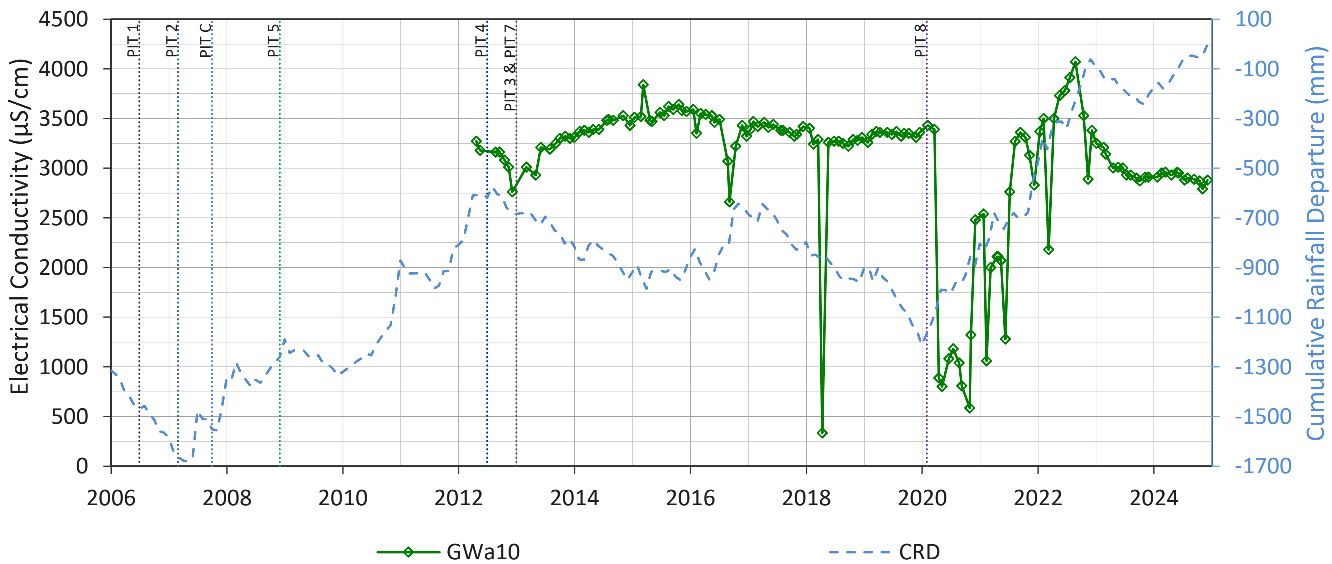

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc5
CRD

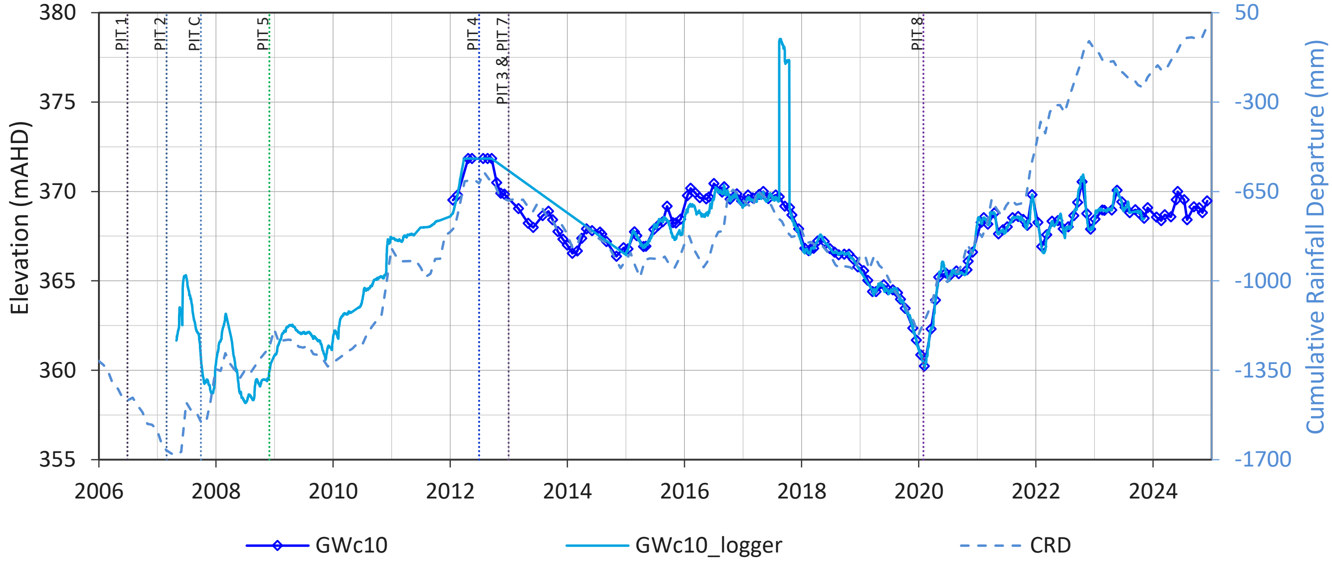

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc5
Lower Trigger
Upper Trigger
CRD

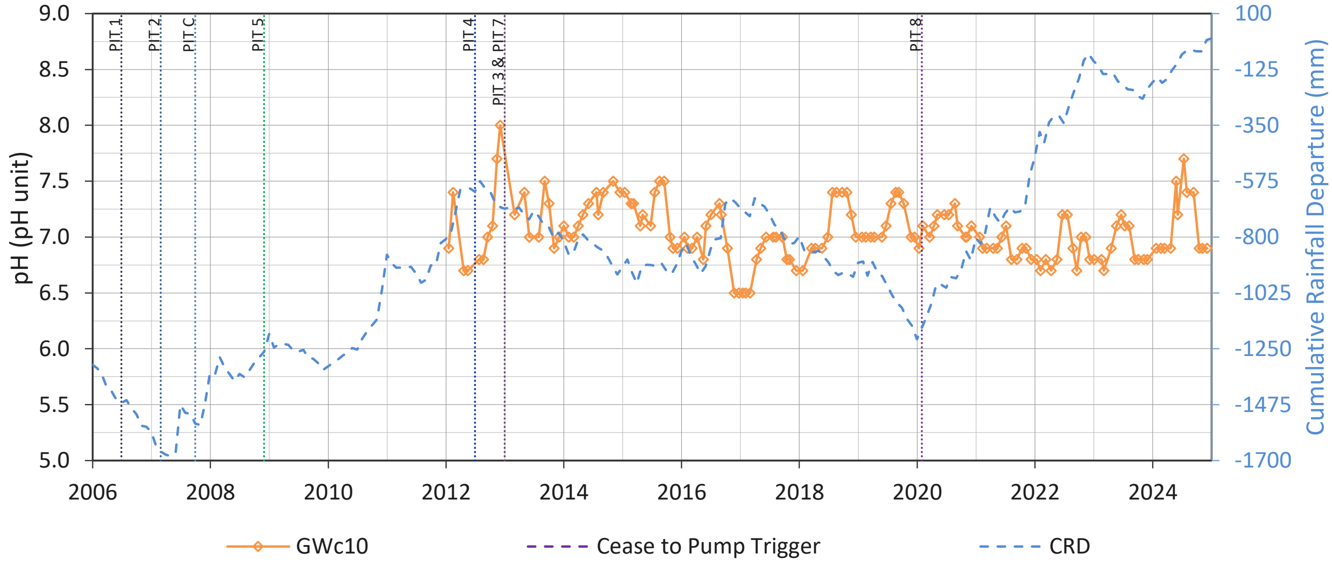

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc5
Upper Trigger
CRD

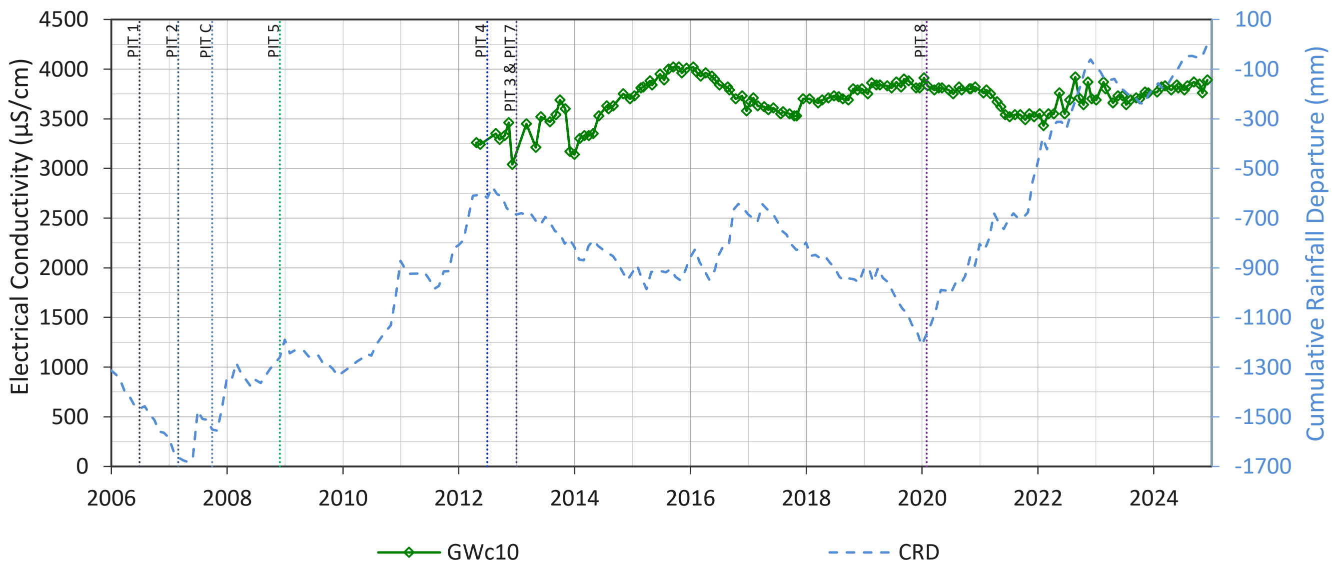

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa10
GWa10_logger
Lower Trigger
Base of Bore
CRD

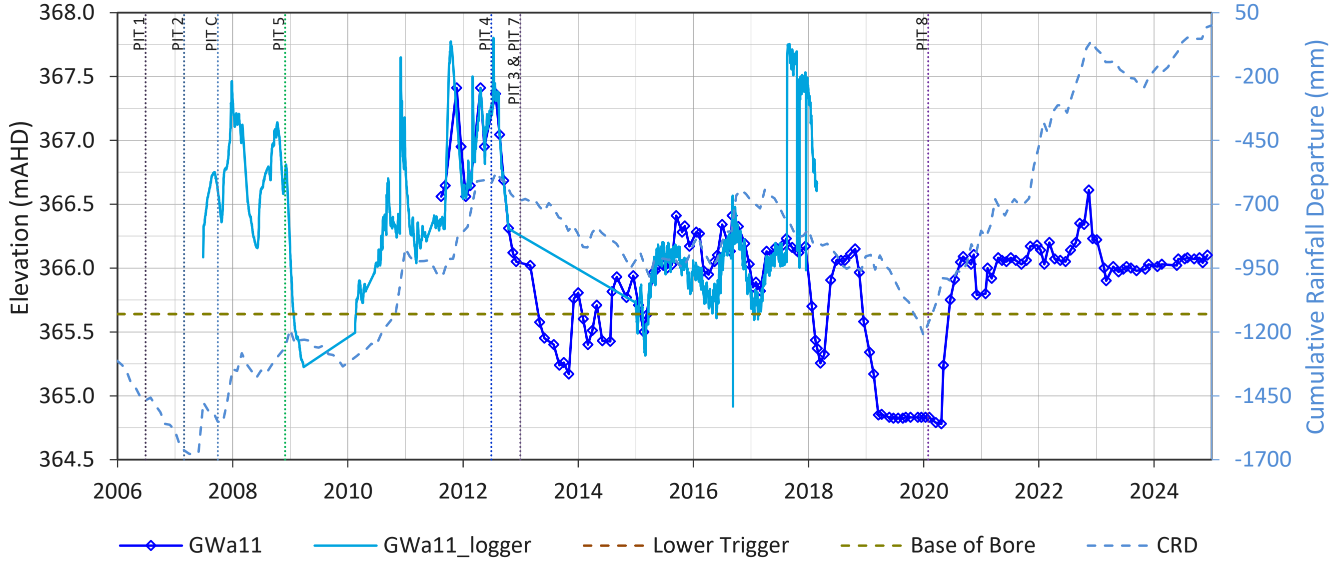

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa10
CRD

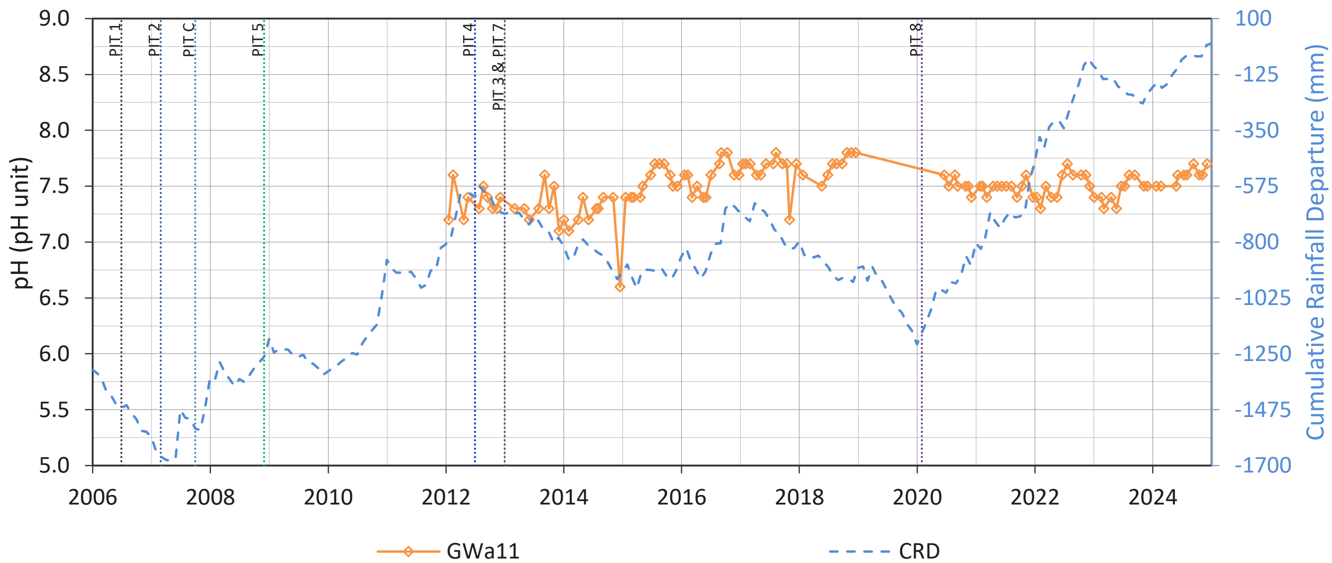

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa10
CRD

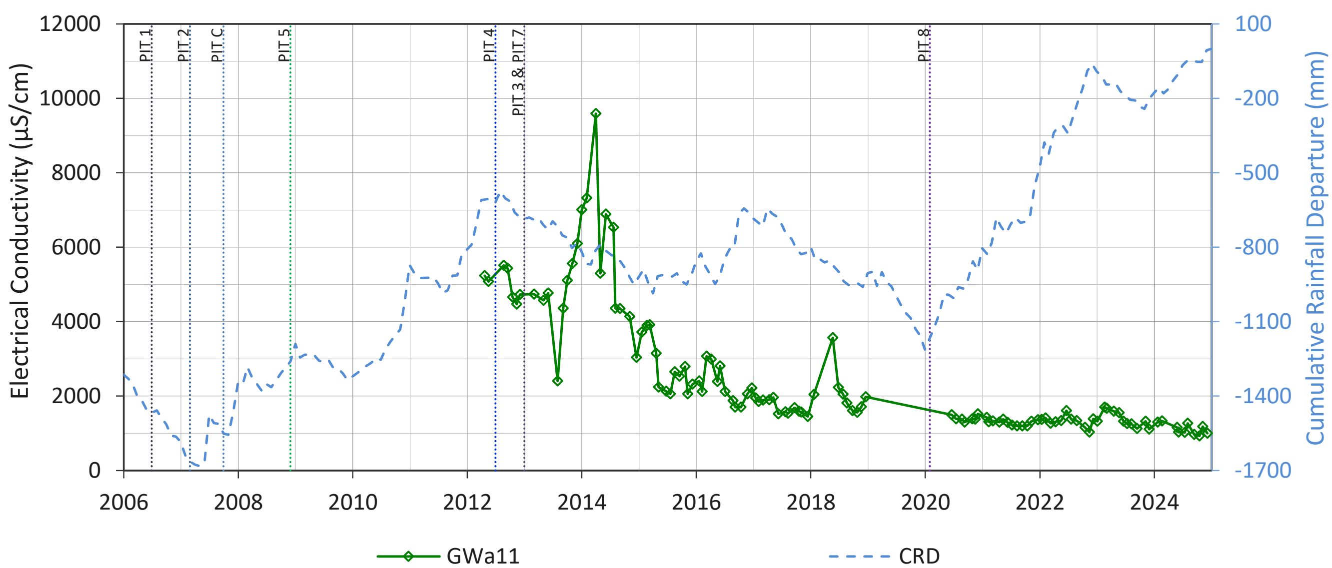

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
380
375
370
365
360
355
50
-300
-650
-1000
-1350
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc10
GWc10_logger
CRD

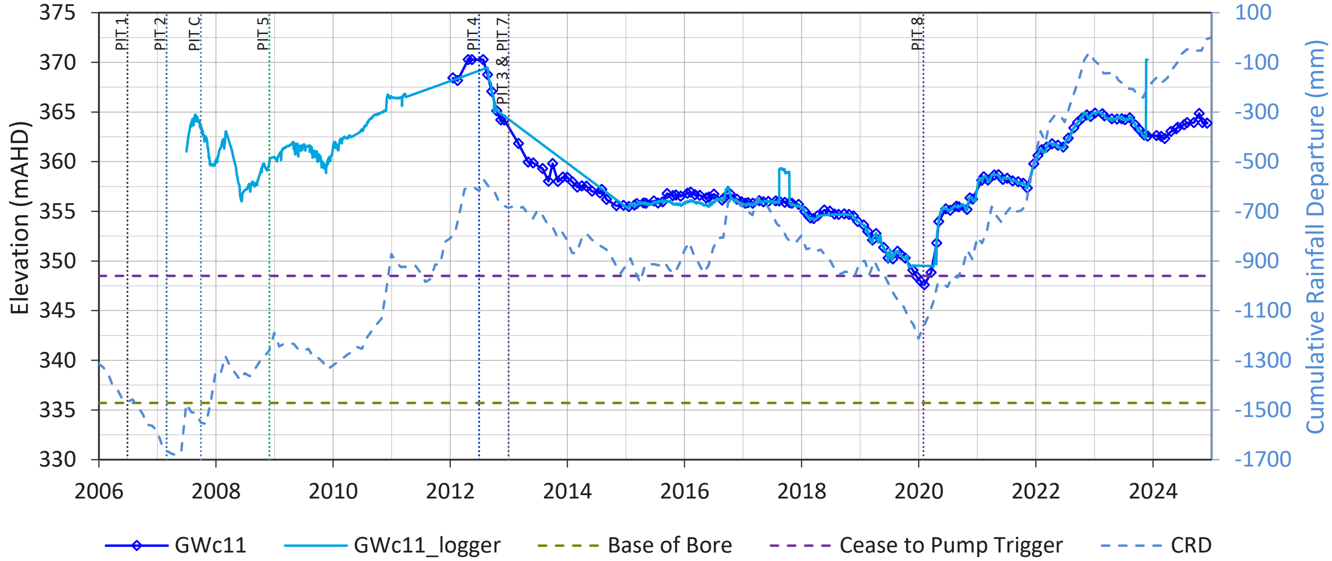

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc10
Cease to Pump Trigger
CRD


Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
4500
4000
3500
3000
2500
2000
1500
1000
500
0
100
-100
-300
-500
-700
-900
-1100
-1300
-1500
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc10
CRD

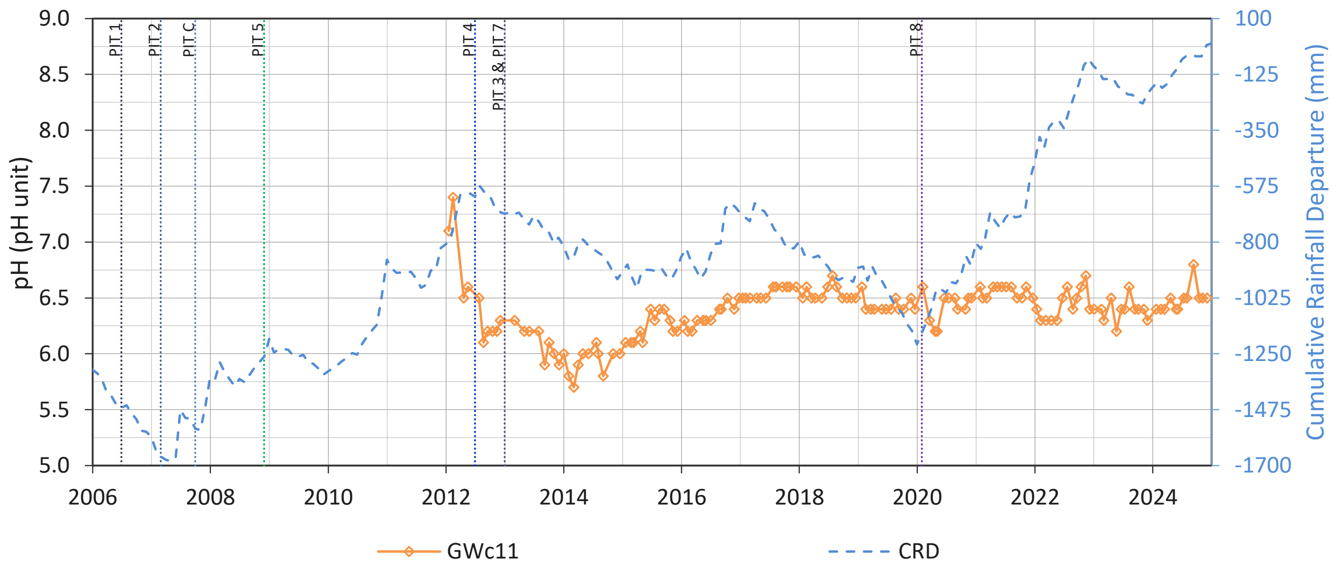

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa11
GWa11_logger
Lower Trigger
Base of Bore
CRD


pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa11
CRD

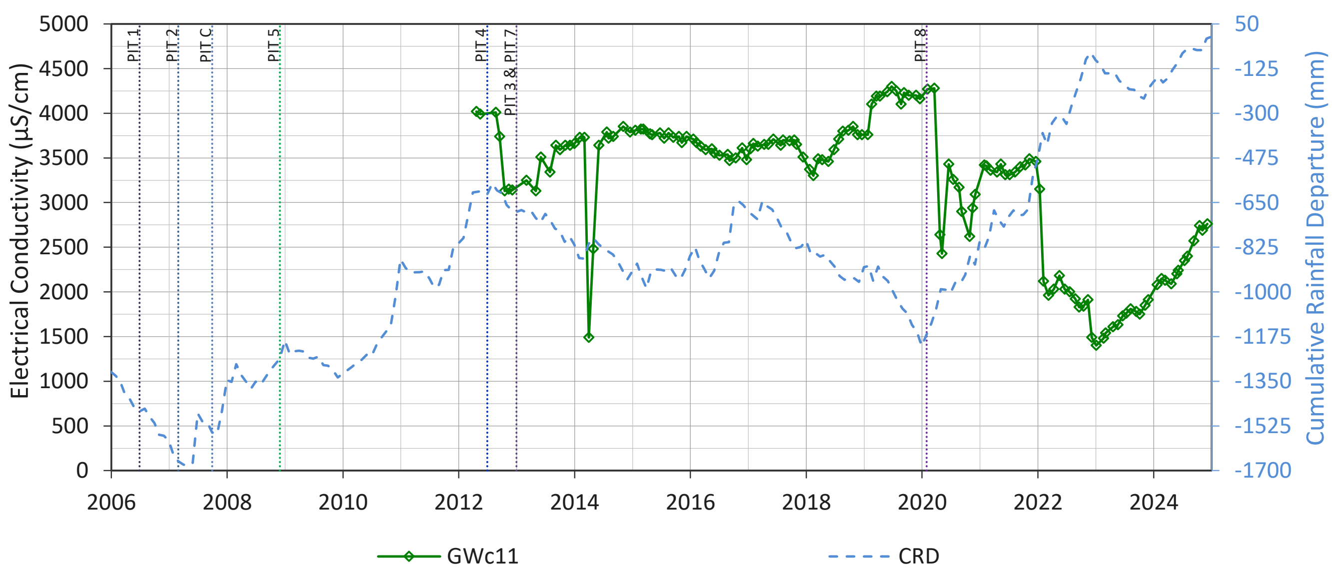

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa11
CRD



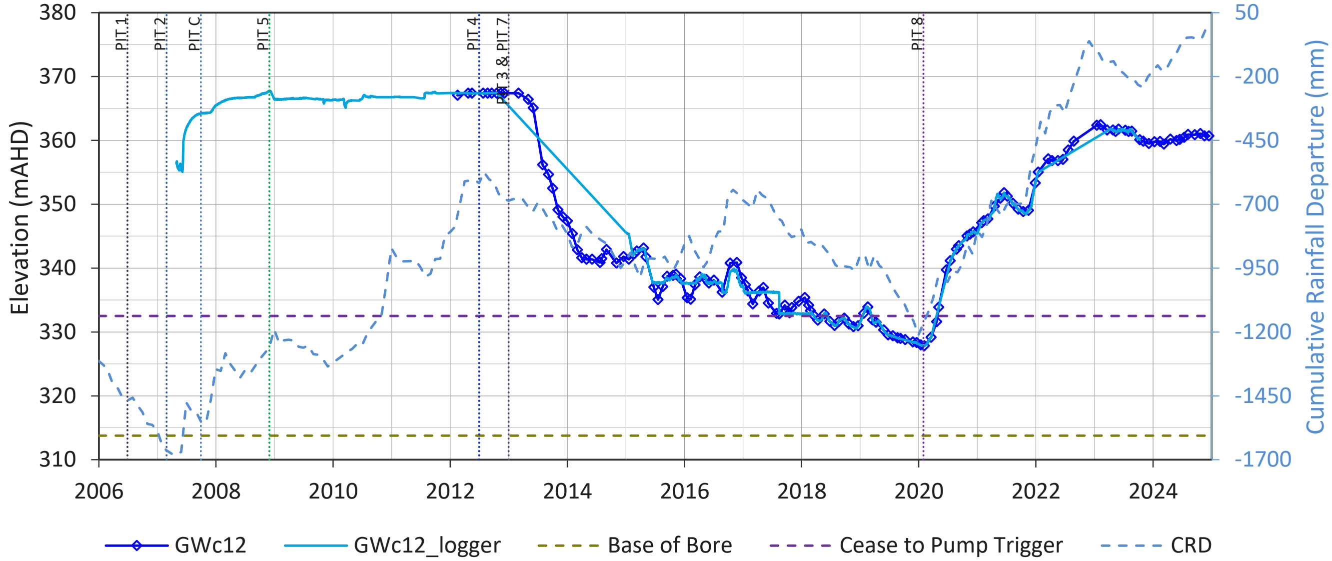
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc11
GWc11_logger
Base of Bore
Cease to Pump Trigger
CRD

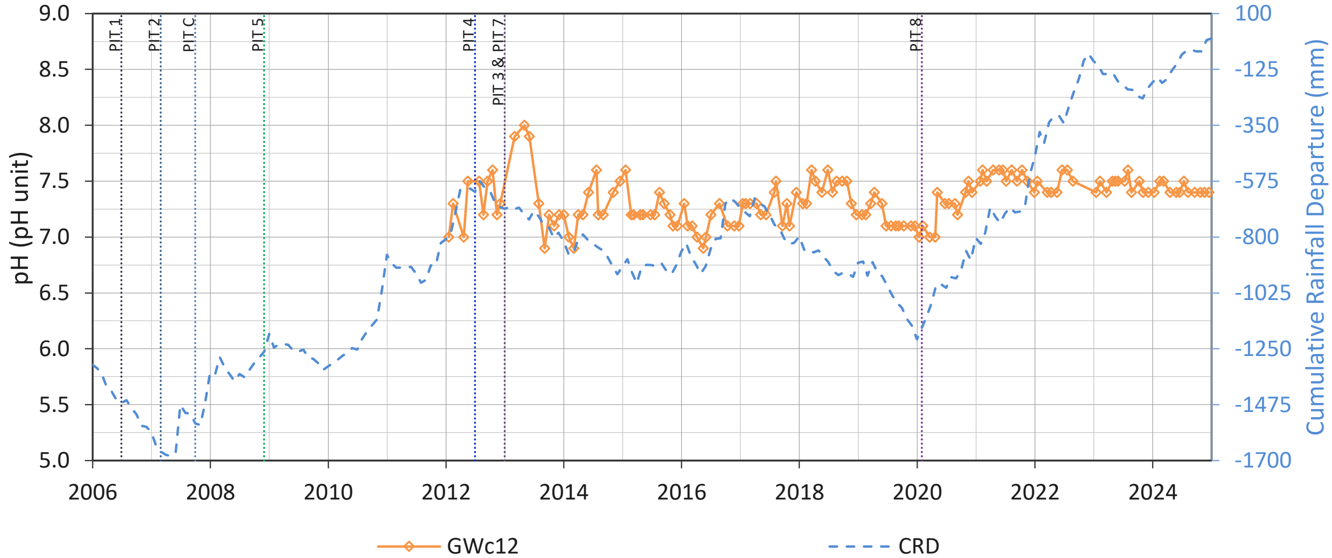



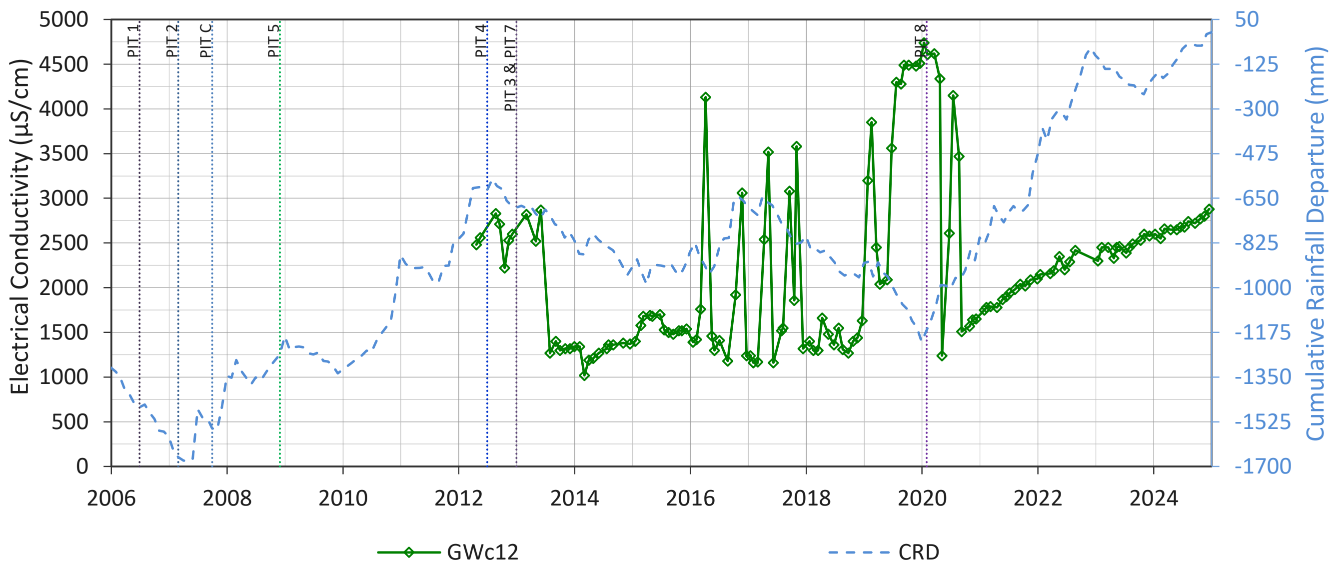
pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc11
CRD

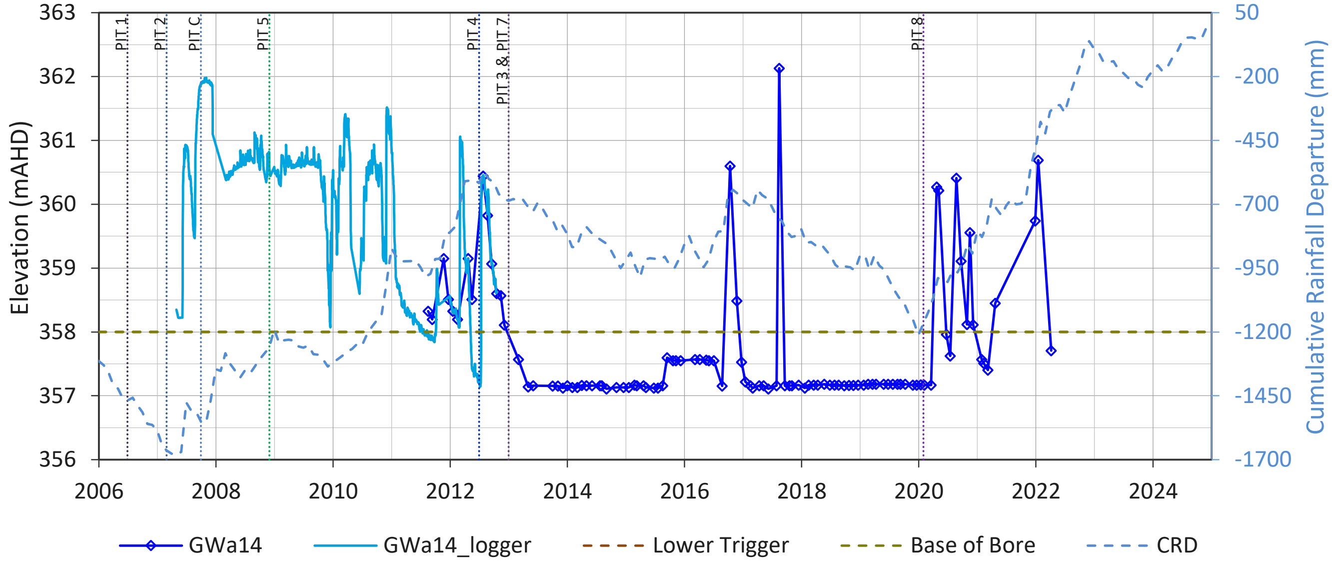



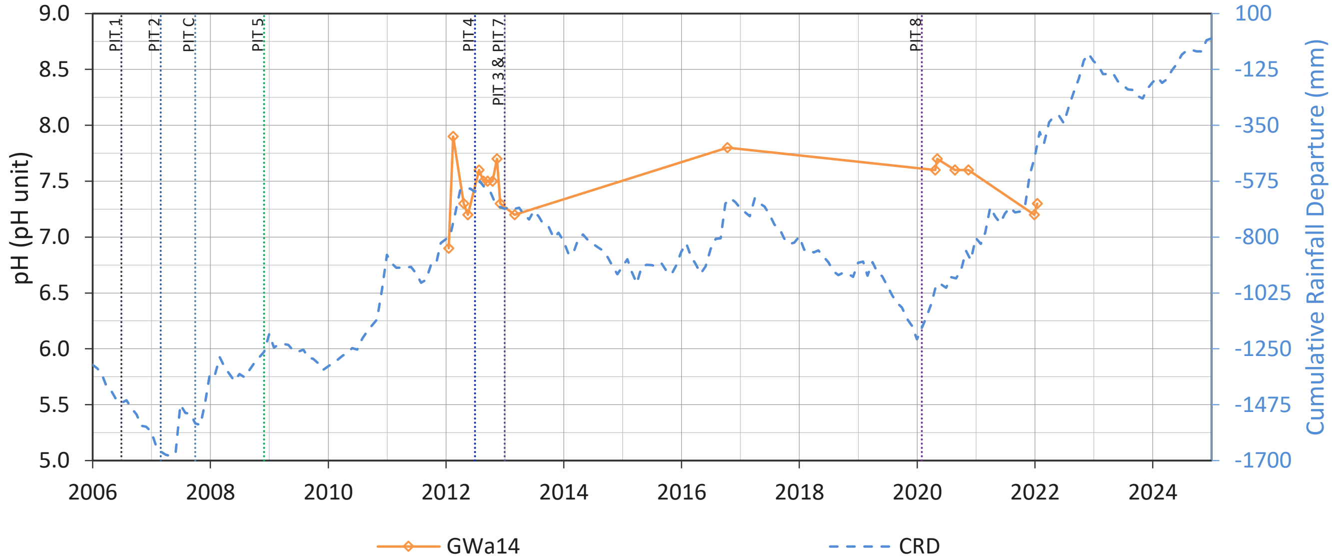
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc11
CRD

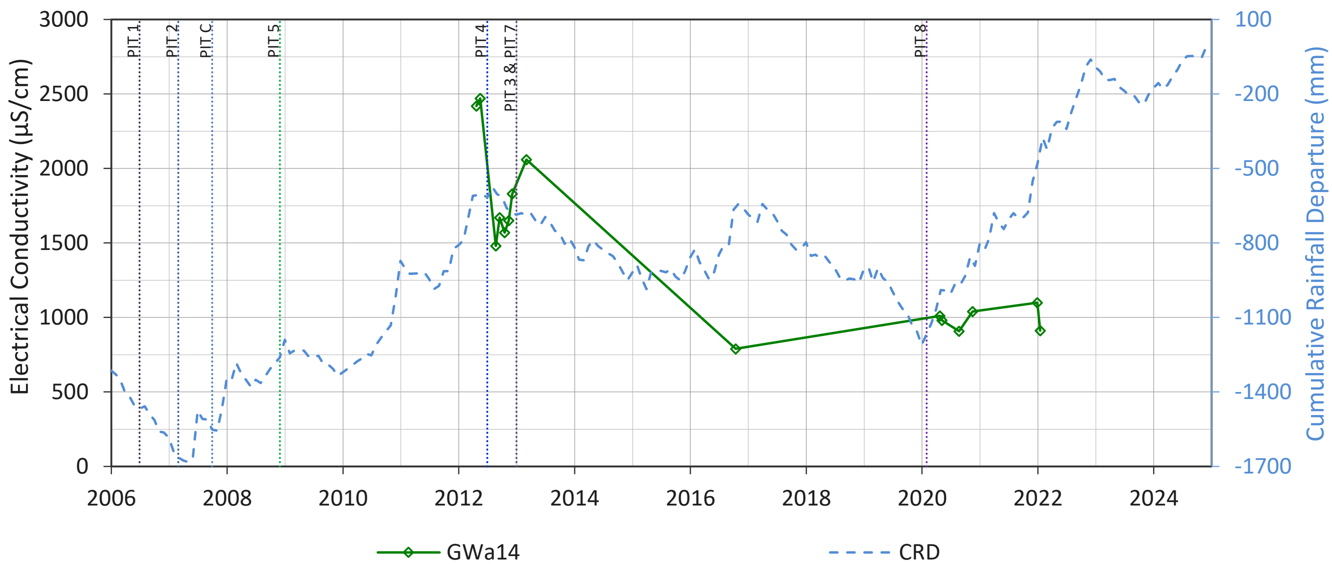

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc12
GWc12_logger
Base of Bore
Cease to Pump Trigger
CRD

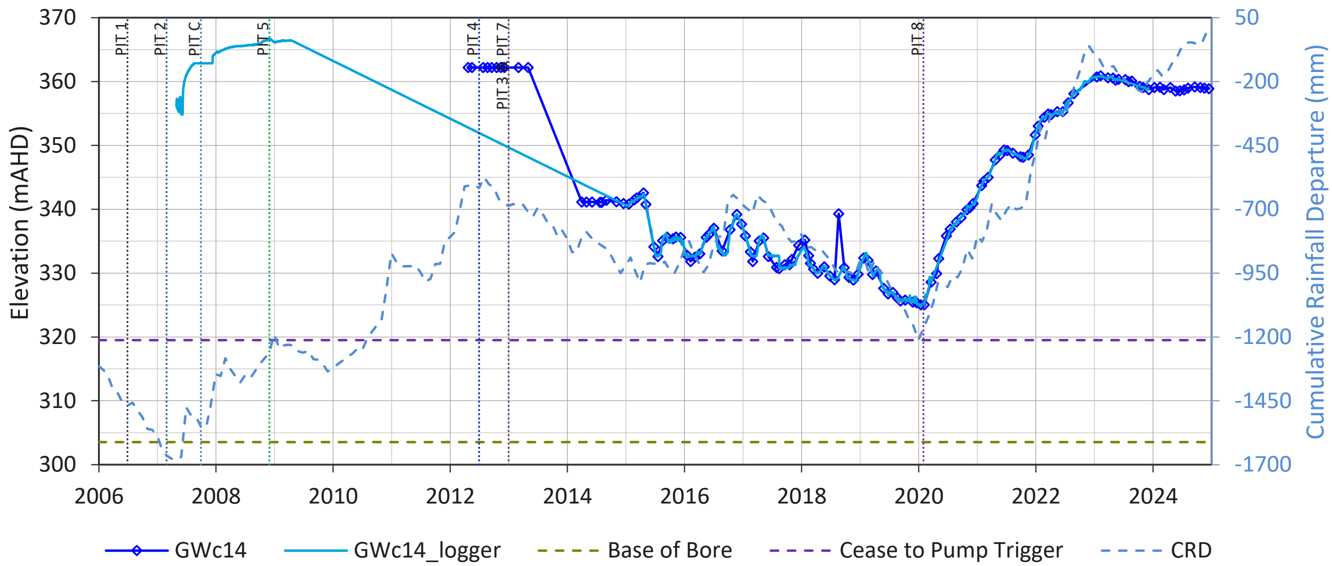

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc12
CRD

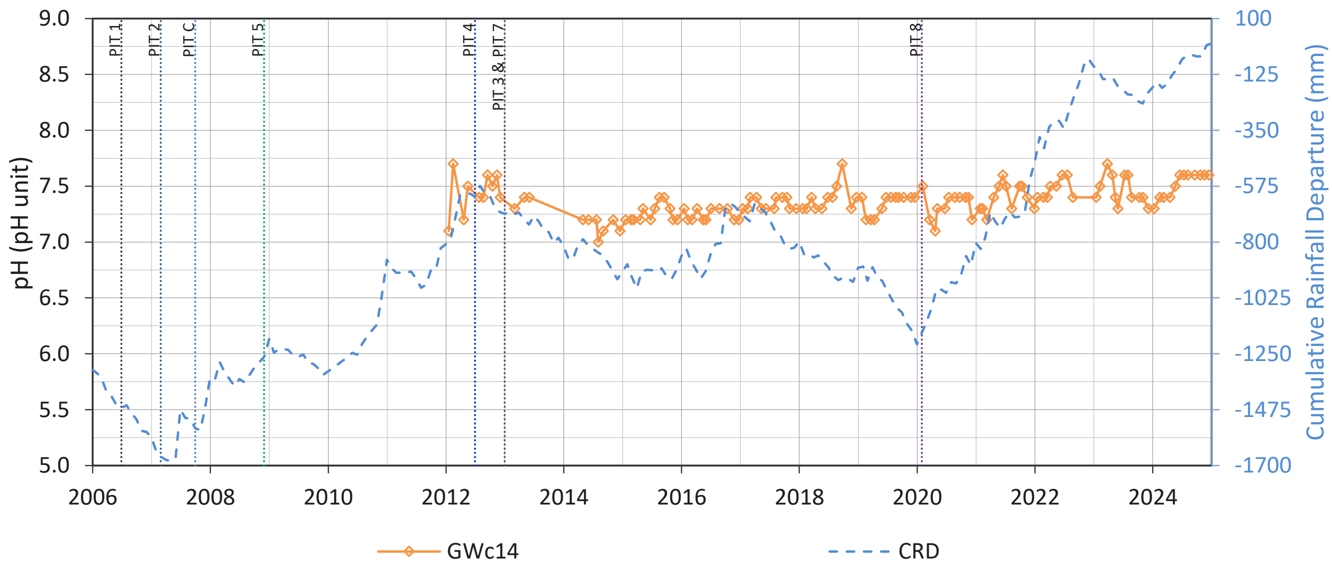

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc12
CRD

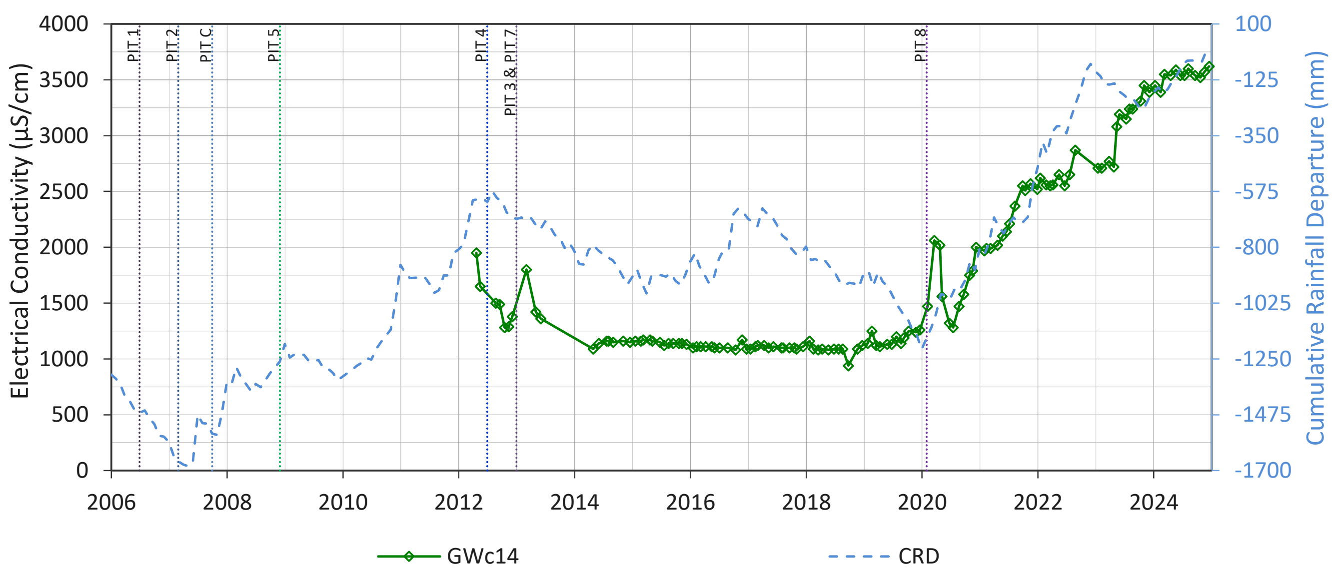

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa14
GWa14_logger
Lower Trigger
Base of Bore
CRD

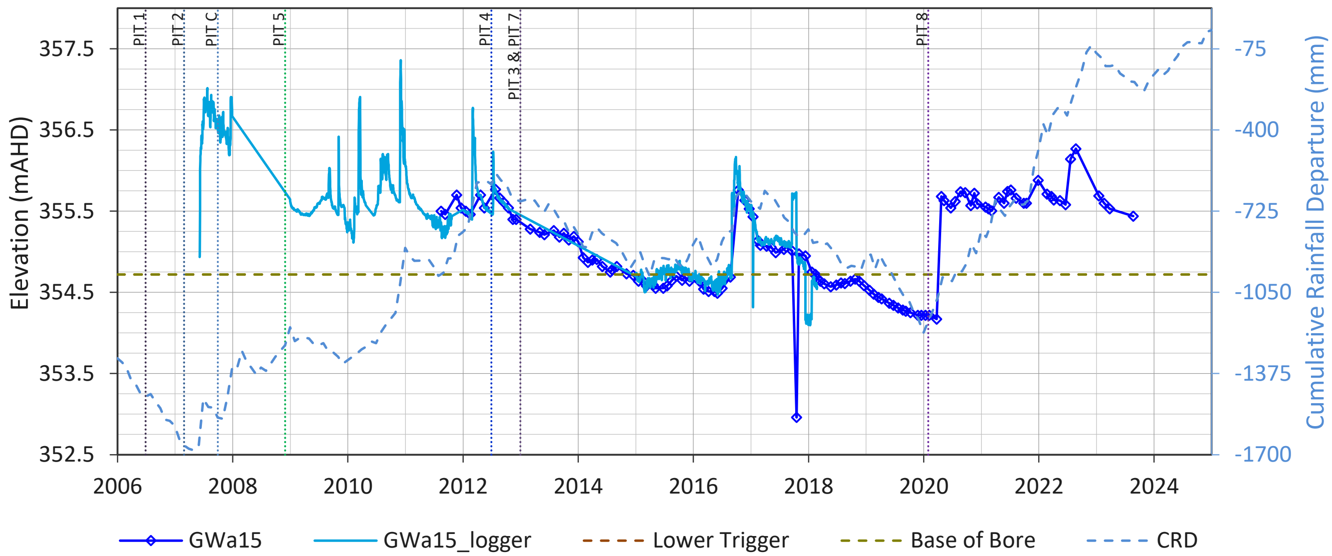

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa14
CRD

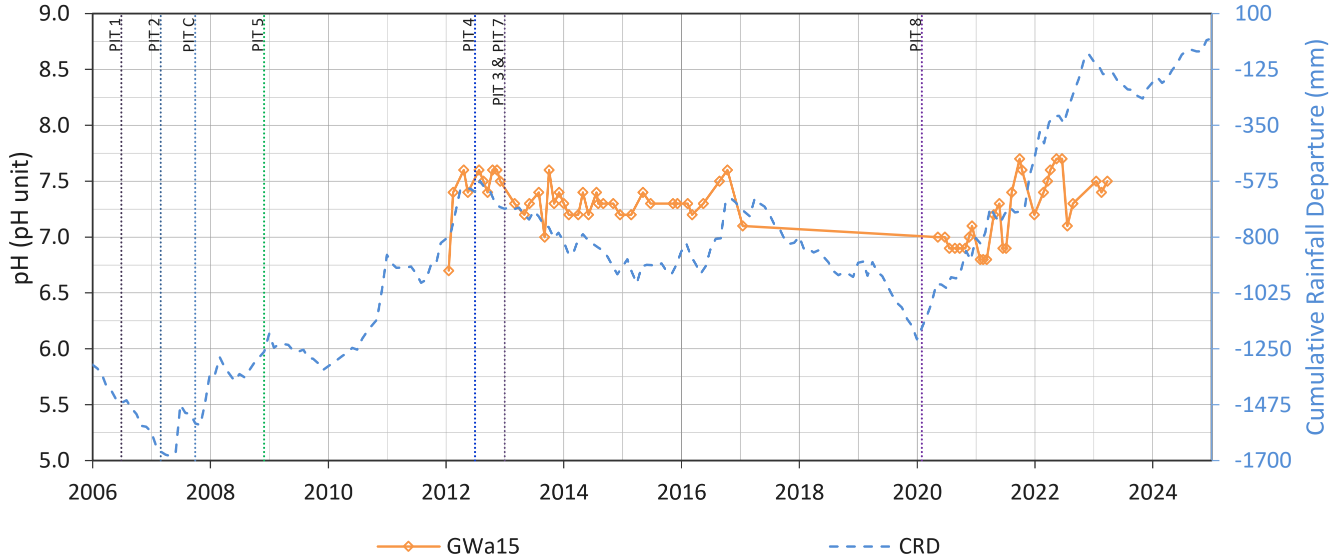

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa14
CRD

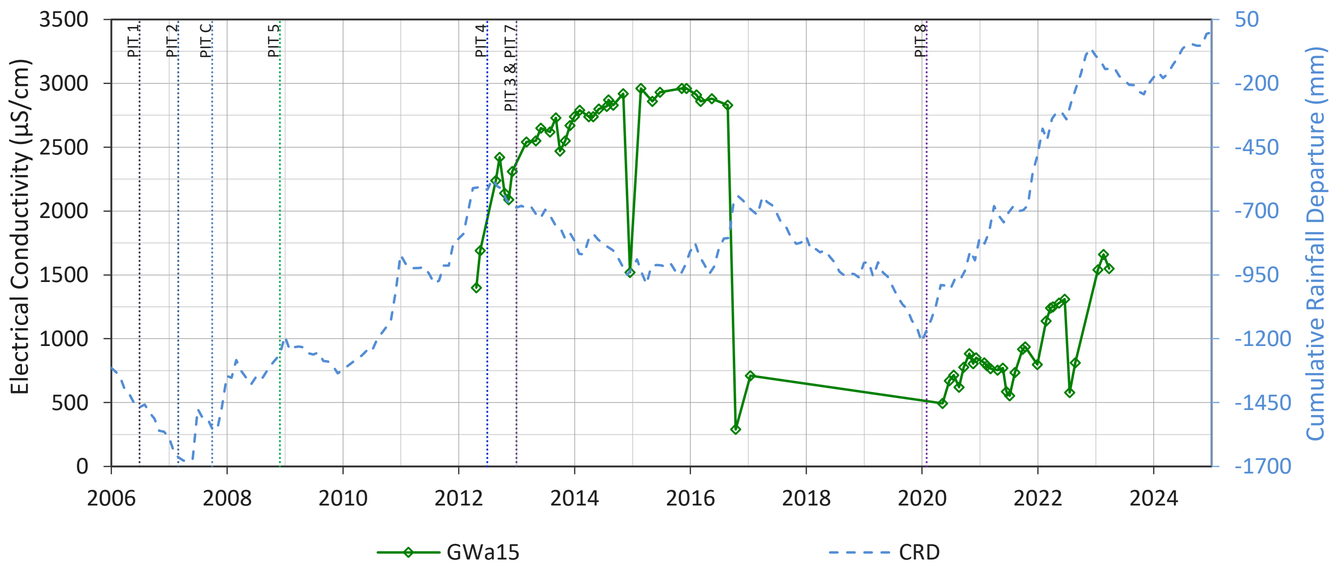

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc14
GWc14_logger
Base of Bore
Cease to Pump Trigger
CRD

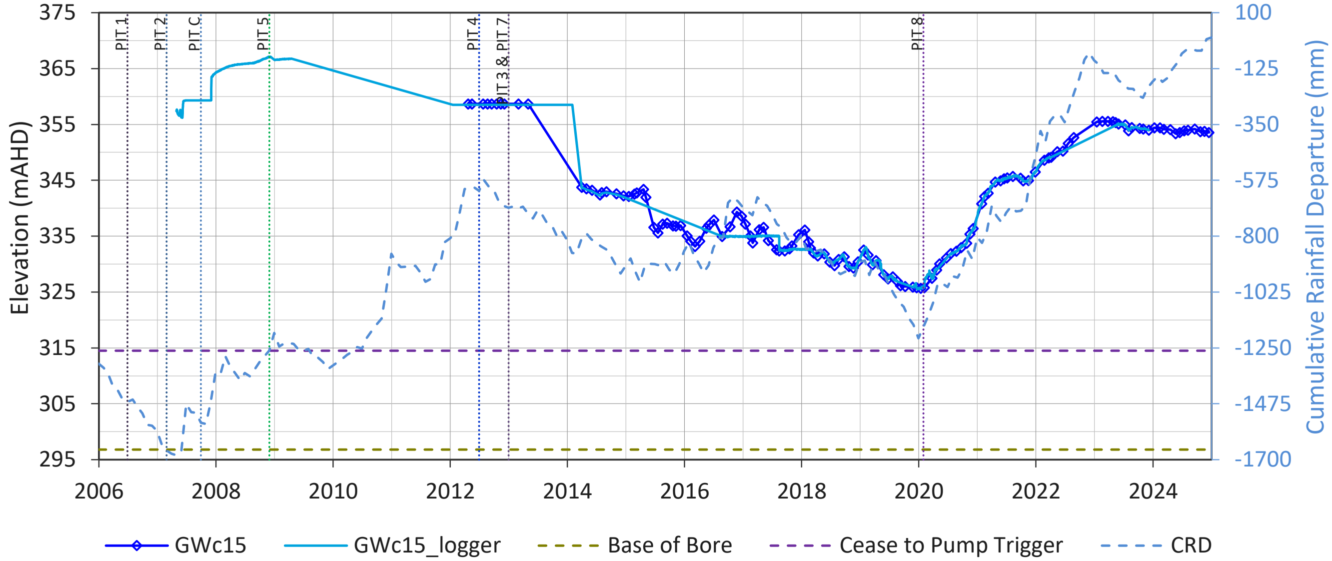

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc14
CRD

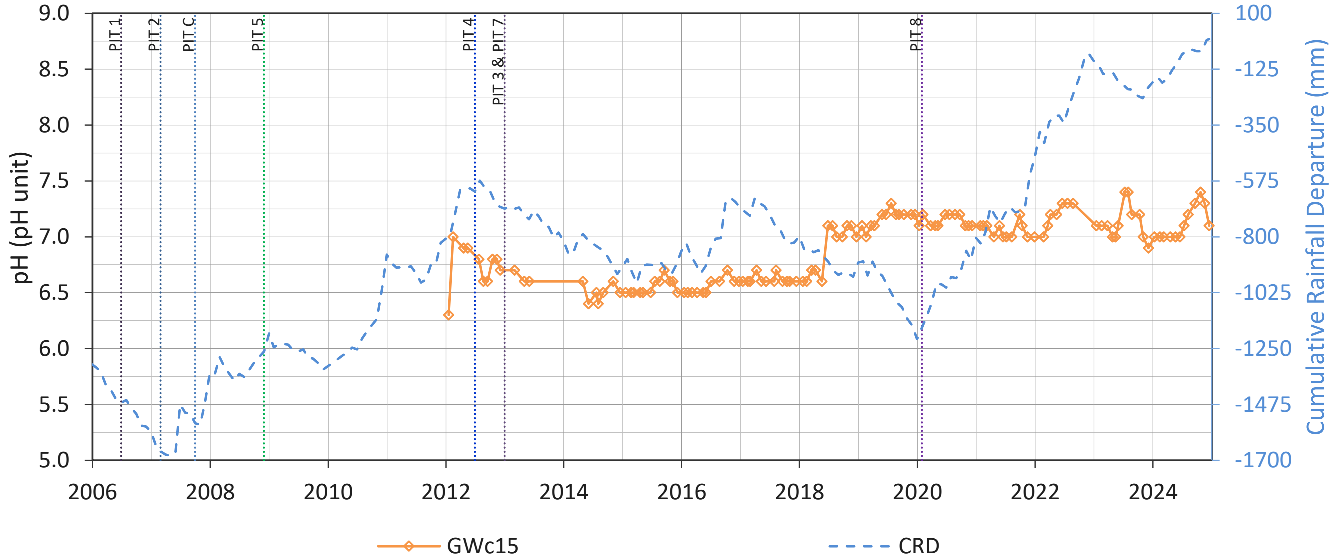

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc14
CRD

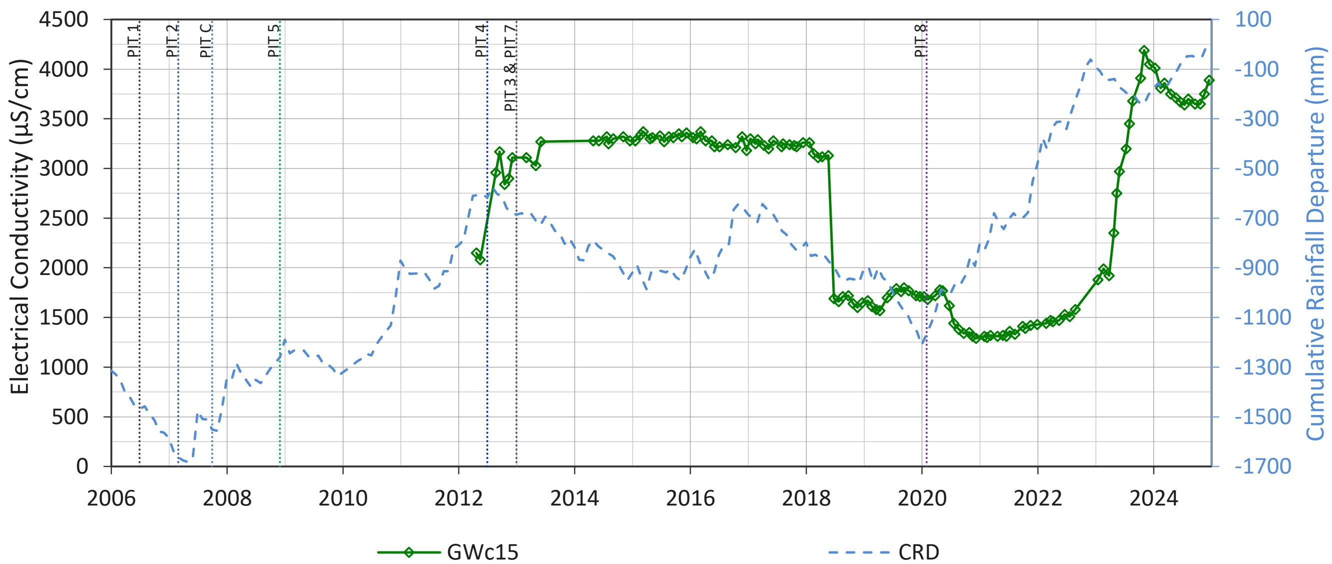

PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa15
GWa15_logger
Lower Trigger
Base of Bore
CRD

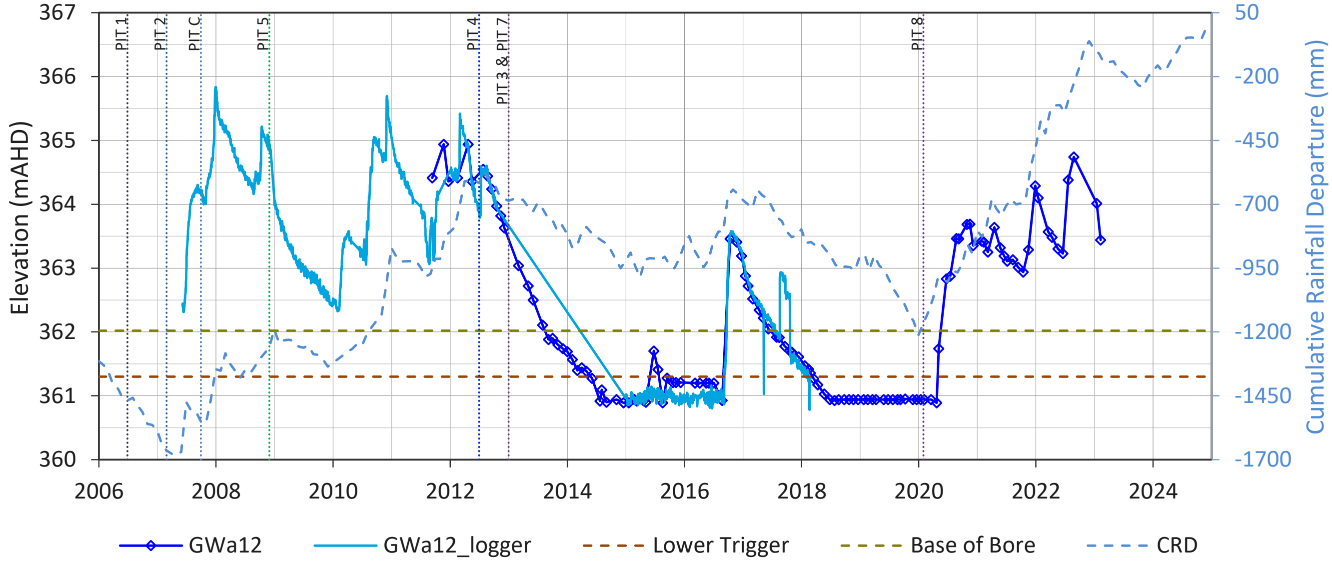

PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa15
CRD

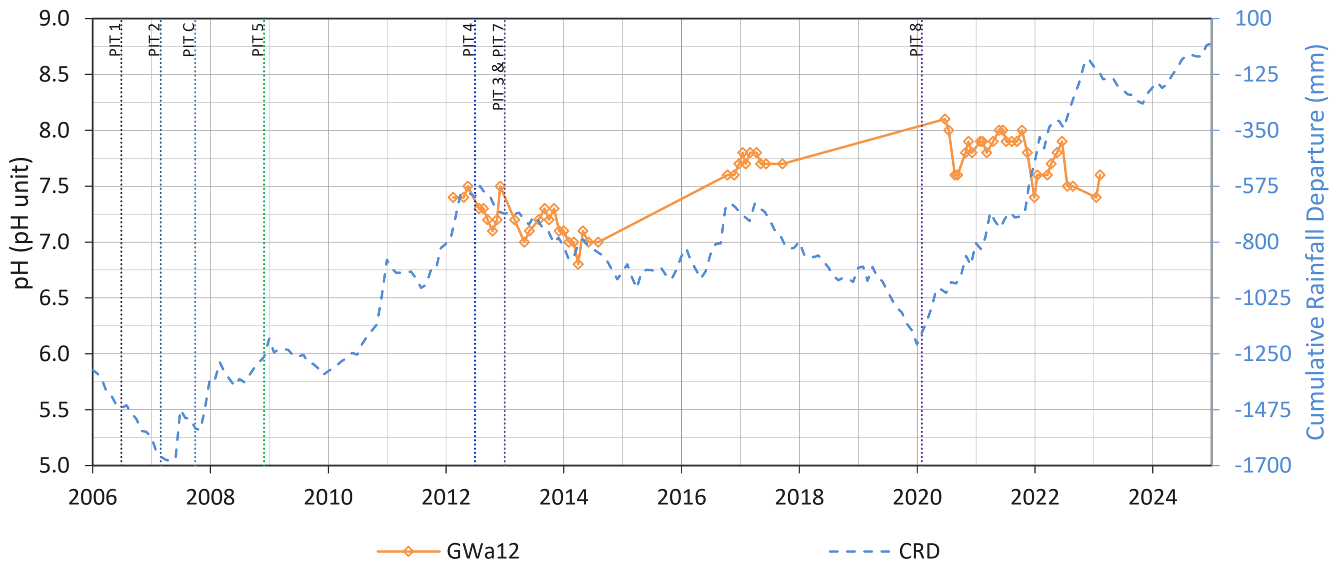

PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa15
CRD

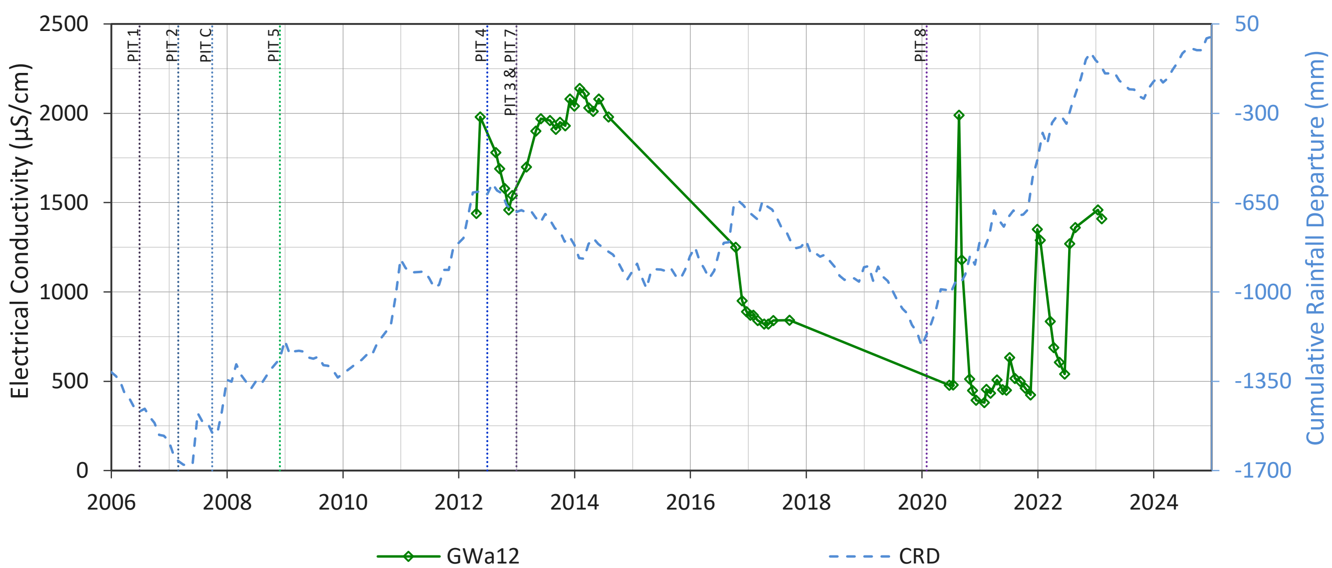

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc15
GWc15_logger
Base of Bore
Cease to Pump Trigger
CRD

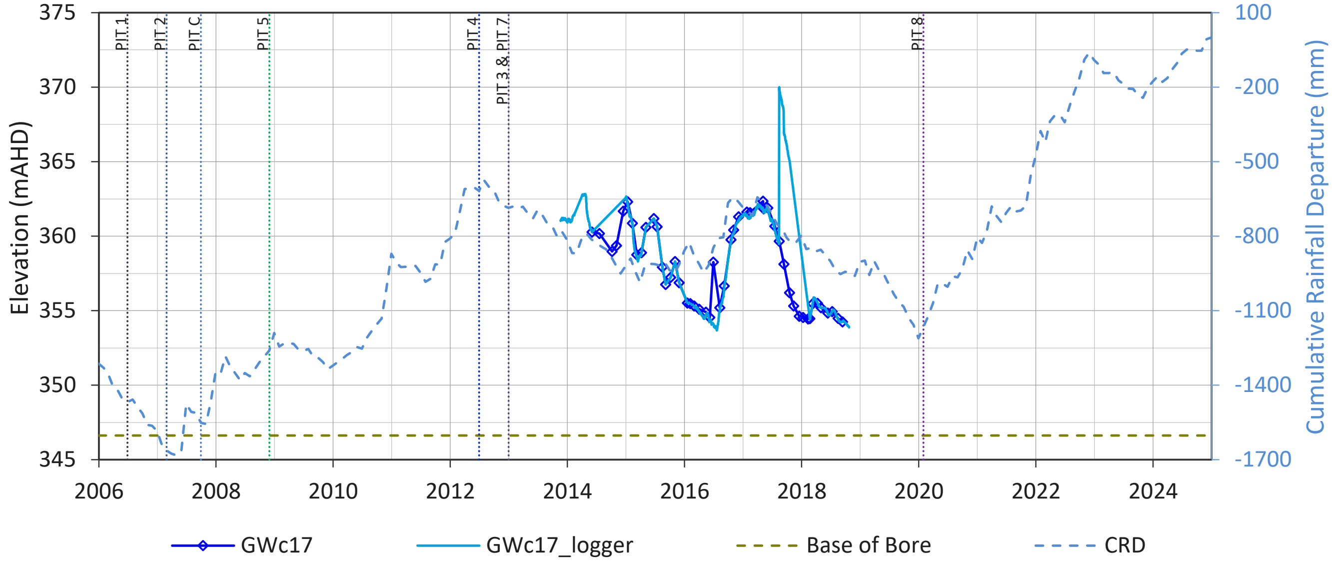

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc15
CRD

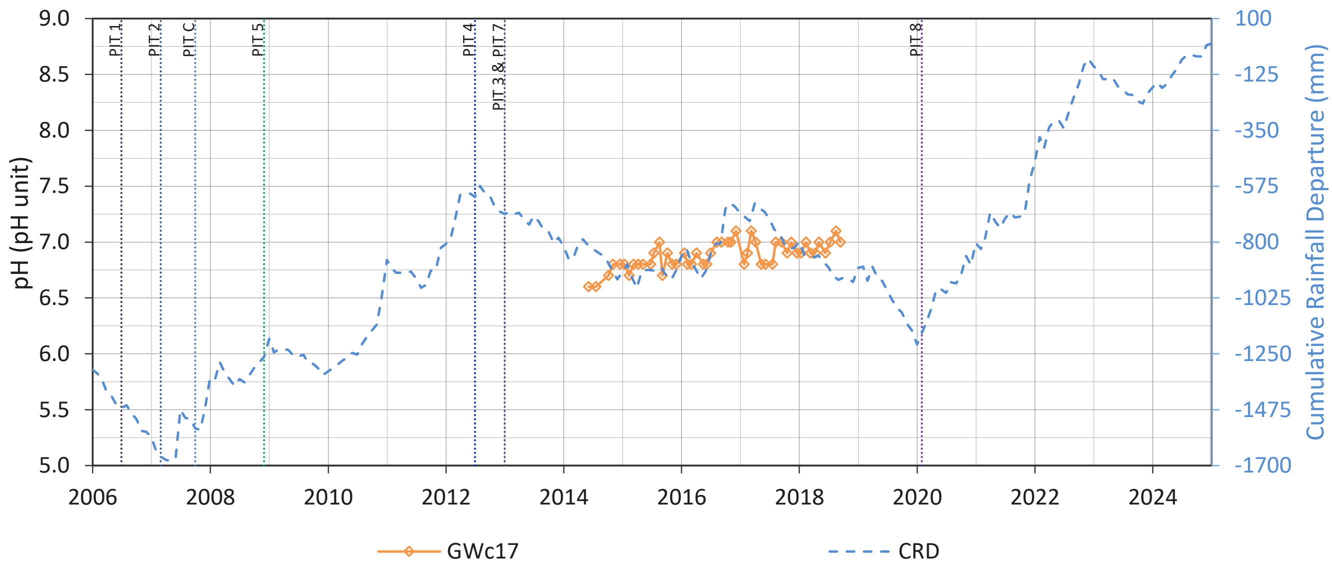

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc15
CRD

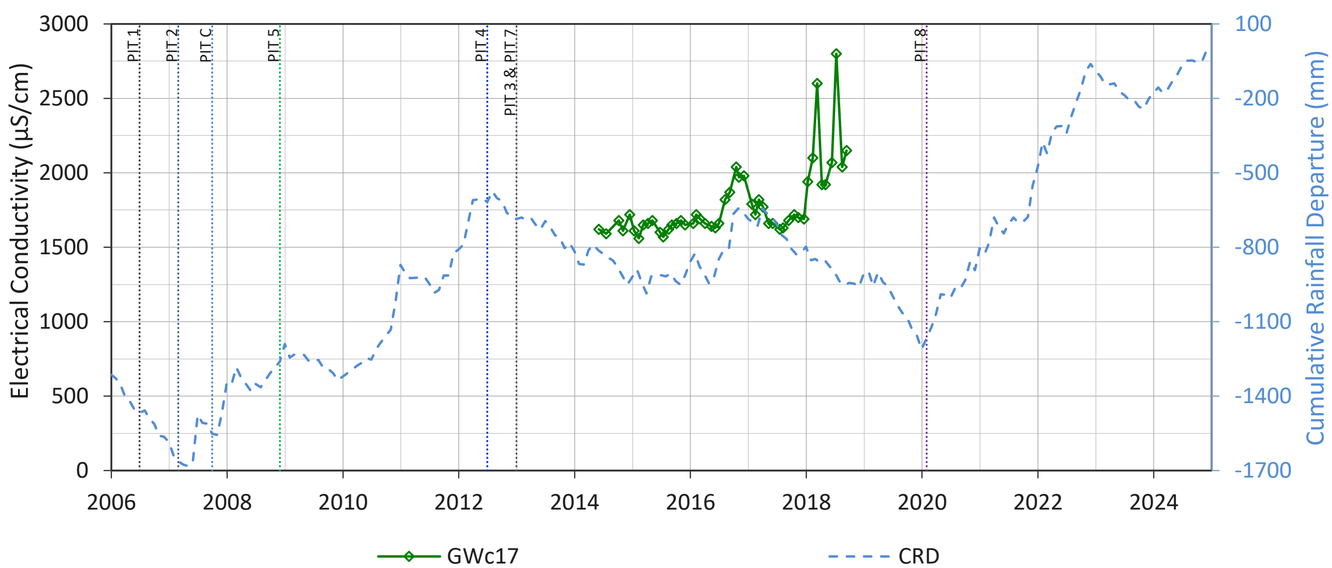

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa12
GWa12_logger
Lower Trigger
Base of Bore
CRD

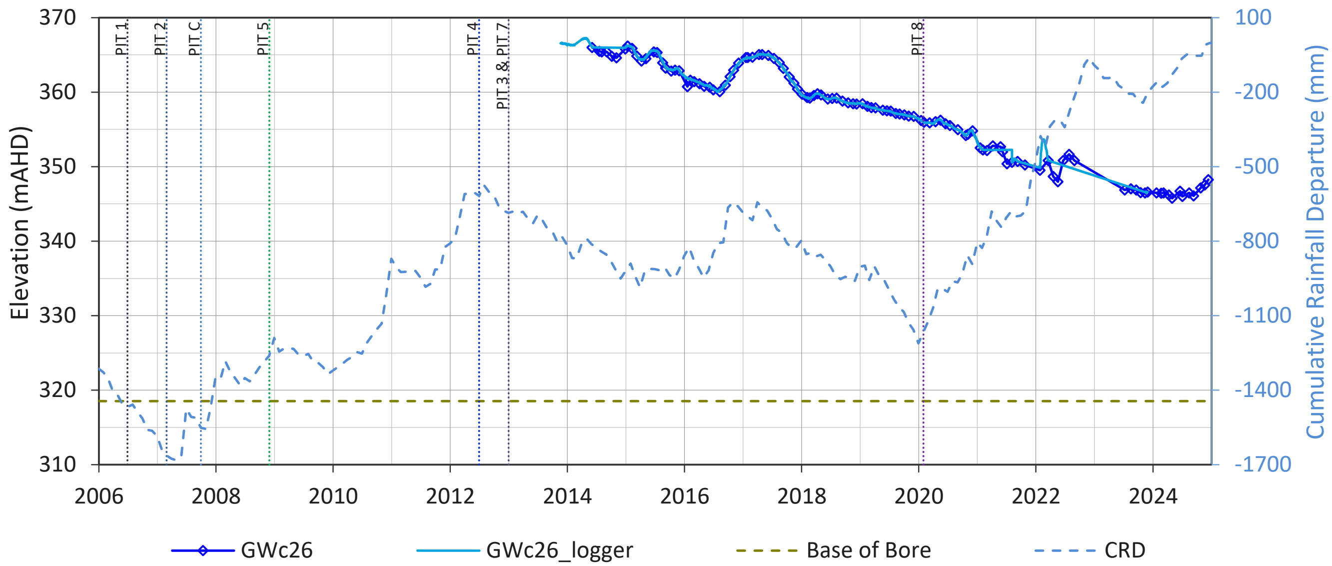

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa12
CRD

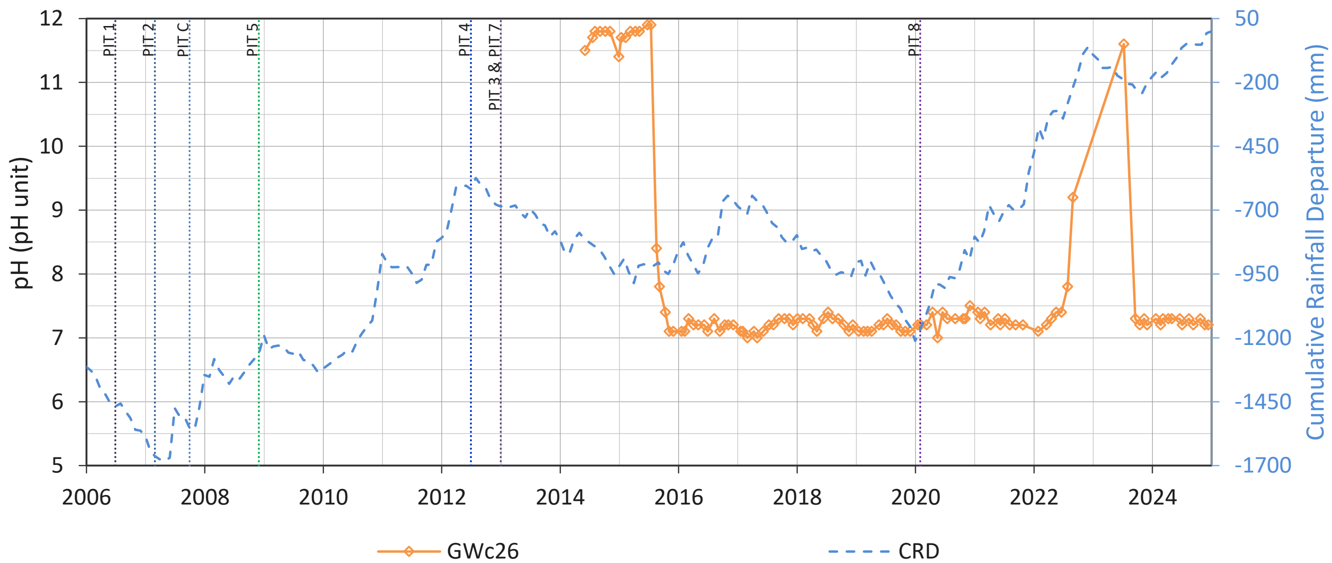

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa12
CRD

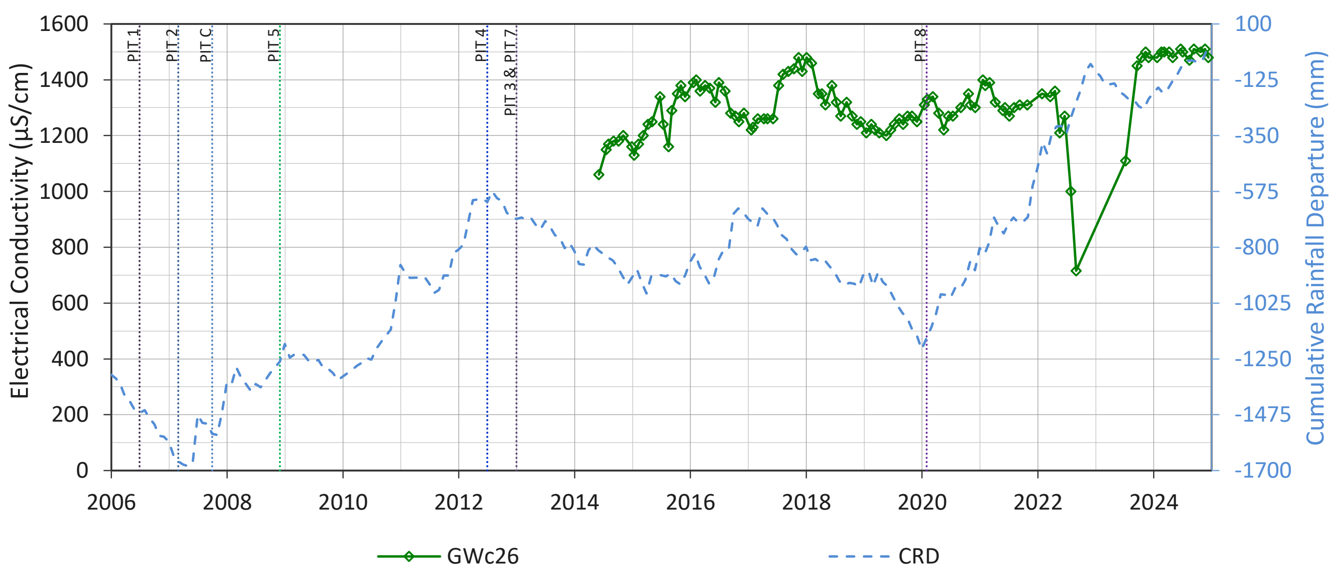

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
375
370
365
360
355
350
345
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc17
GWc17_logger
Base of Bore
CRD

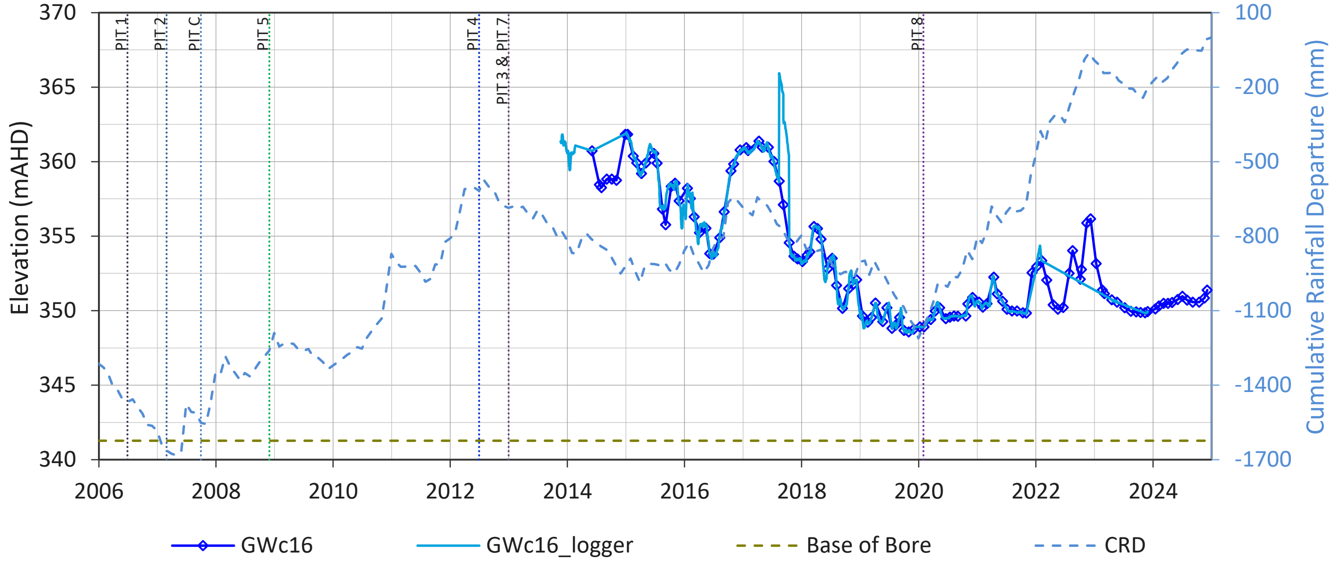

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc17
CRD

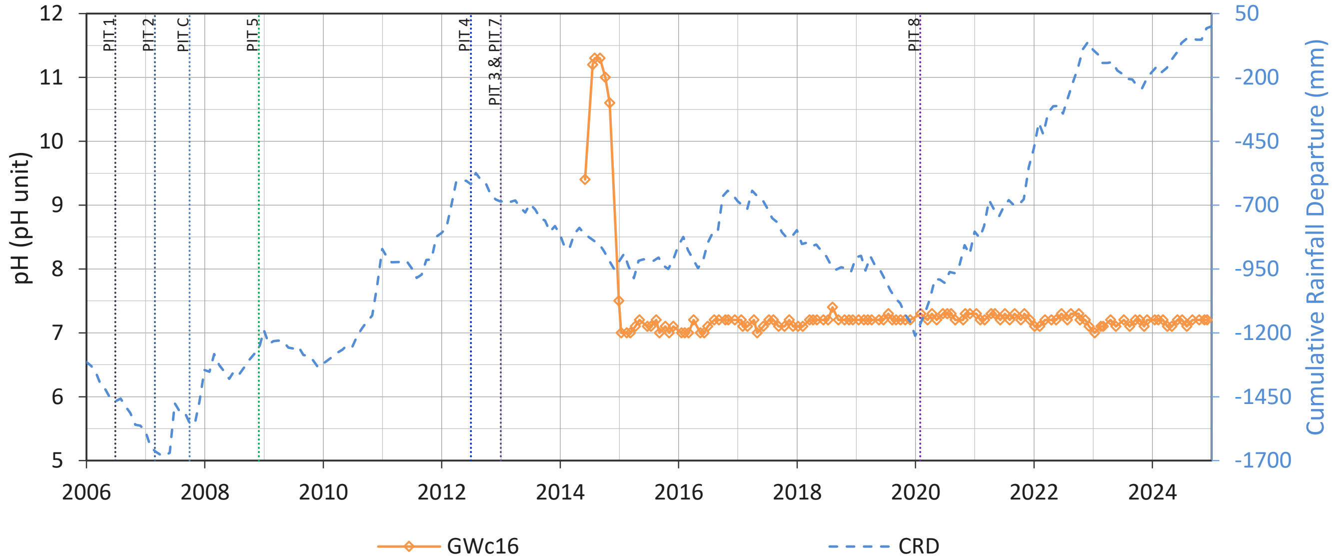

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
3000
2500
2000
1500
1000
500
0
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc17
CRD

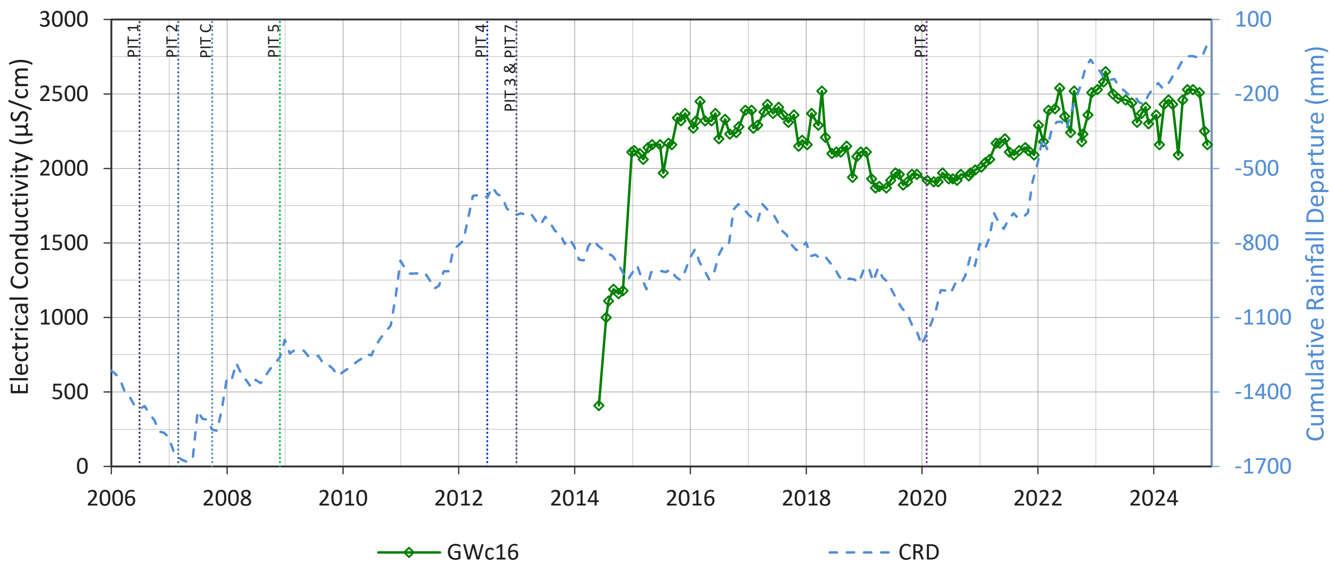

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc26
GWc26_logger
Base of Bore
CRD

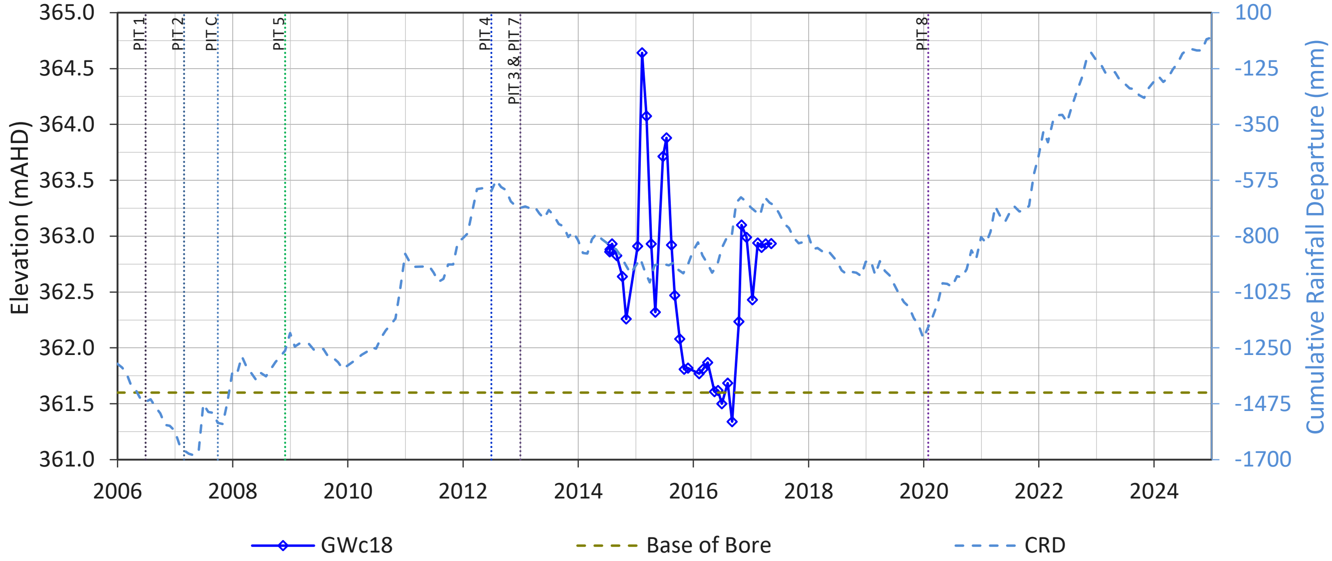

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc26
CRD

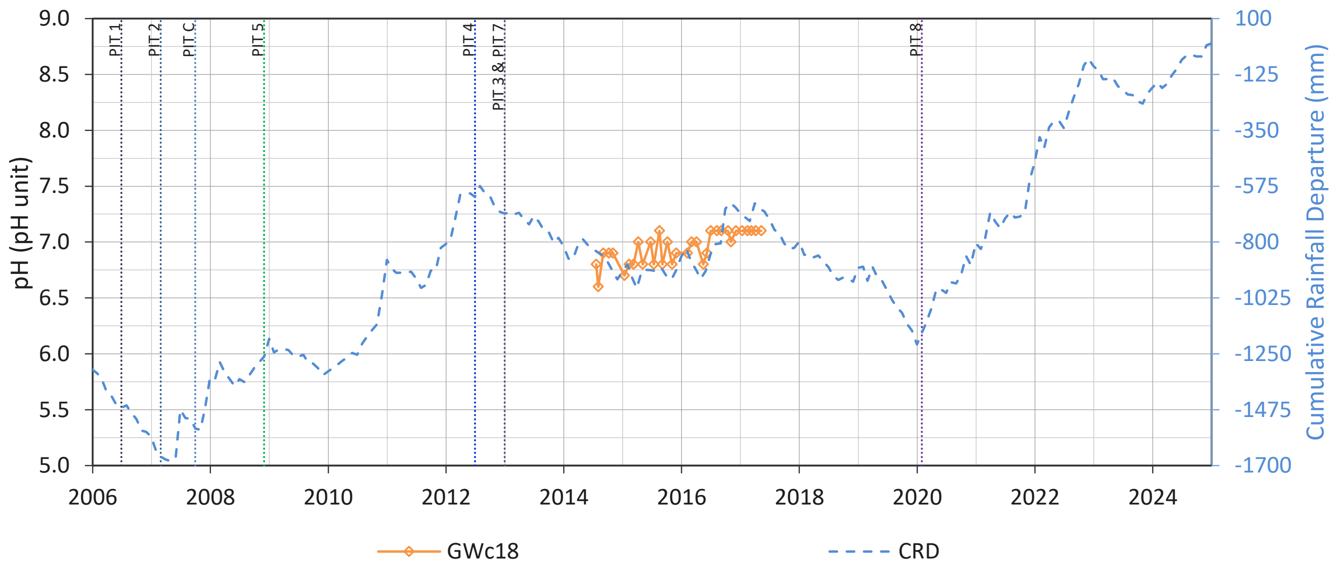

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc26
CRD

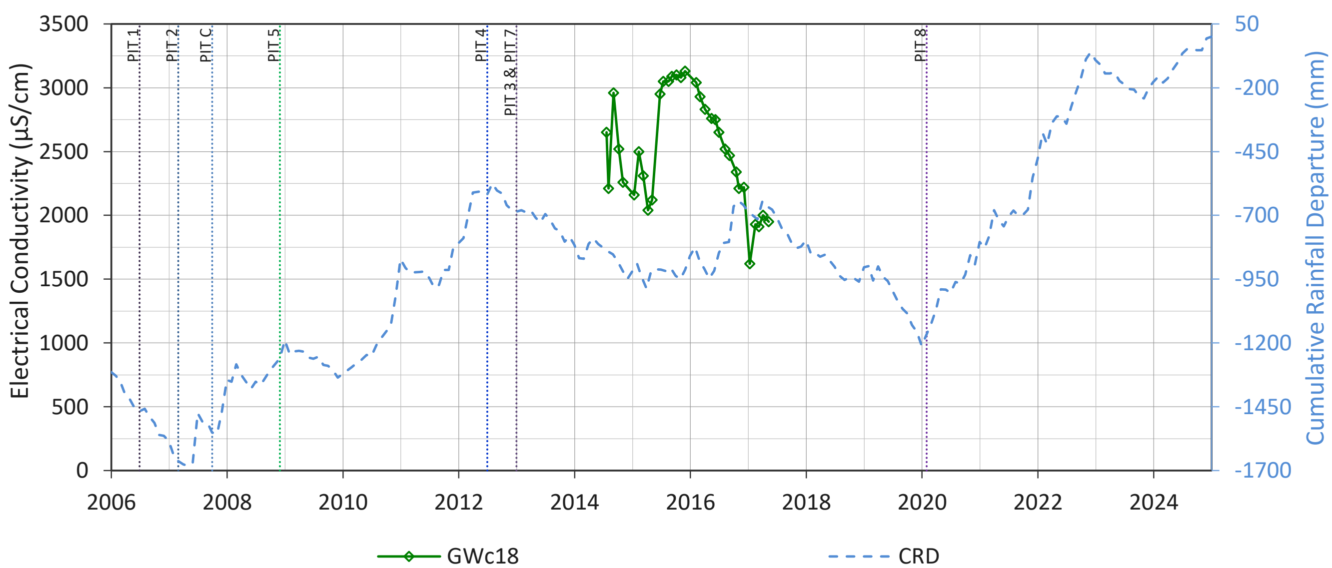

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc16
GWc16_logger
Base of Bore
CRD

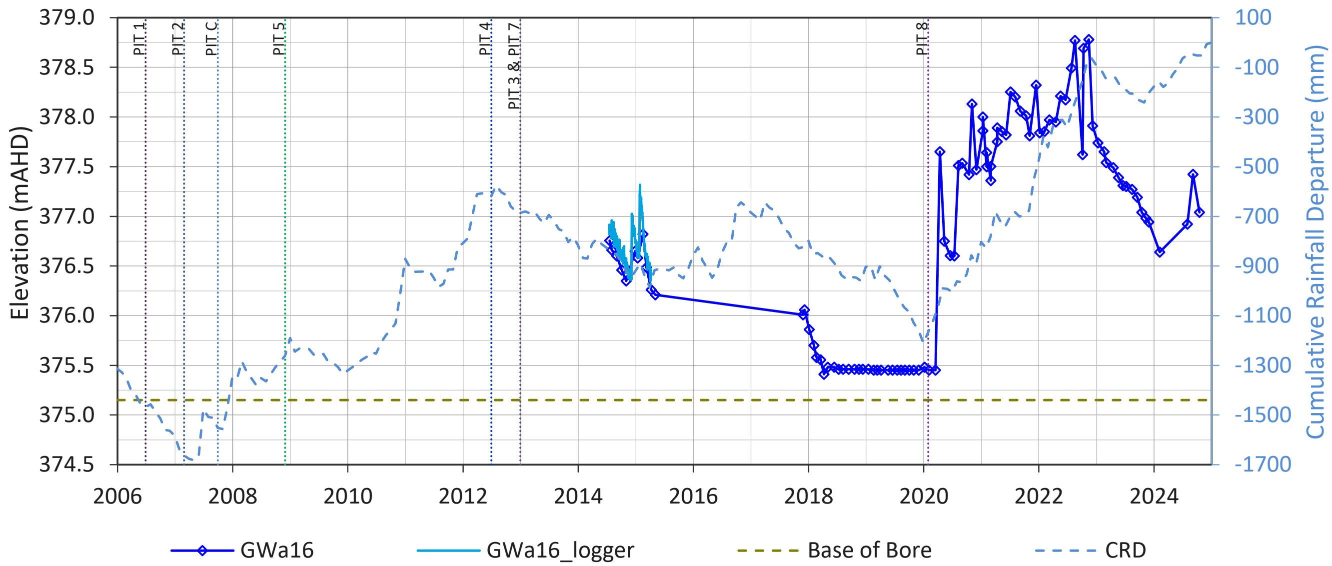

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc16
CRD

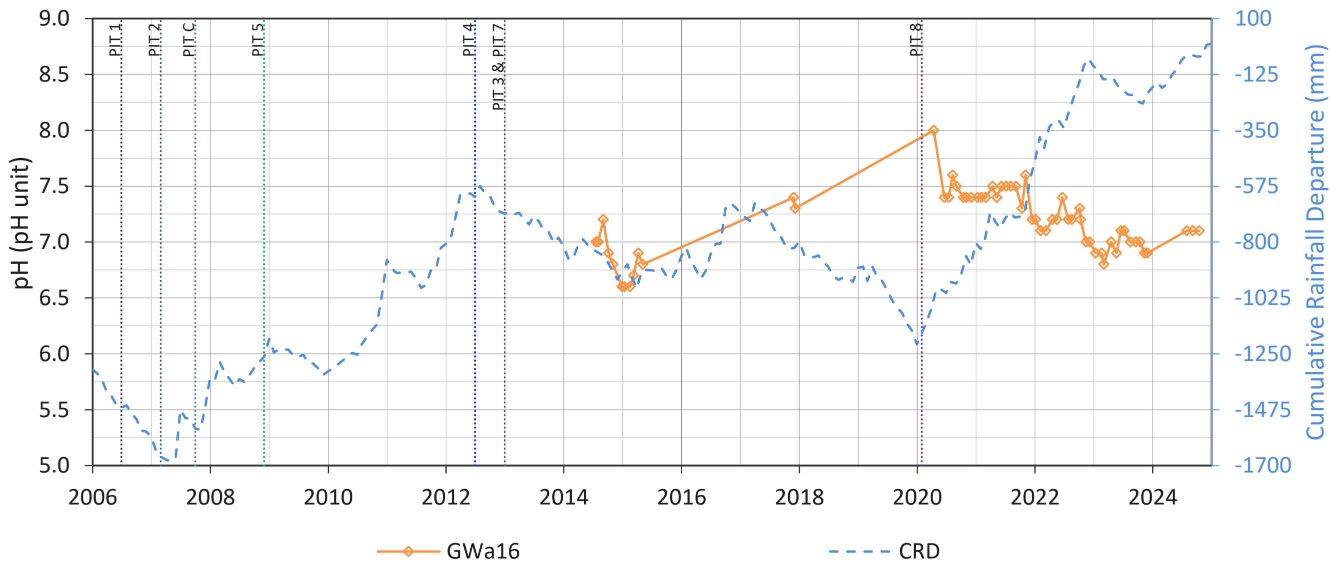

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc16
CRD

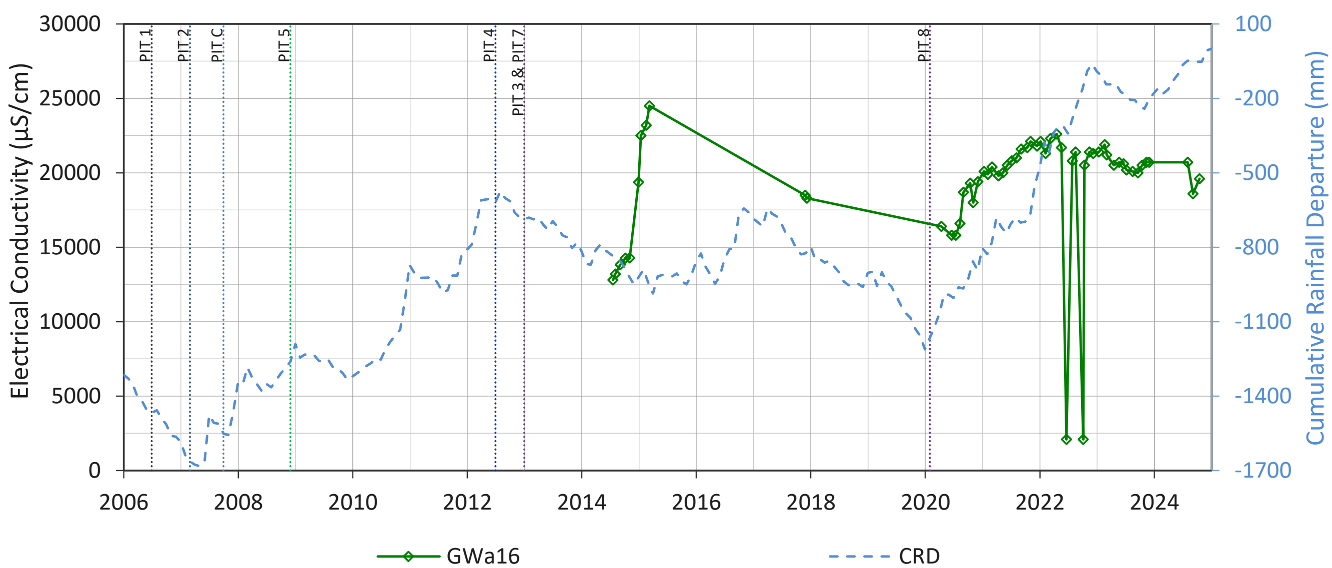

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc18
Base of Bore
CRD

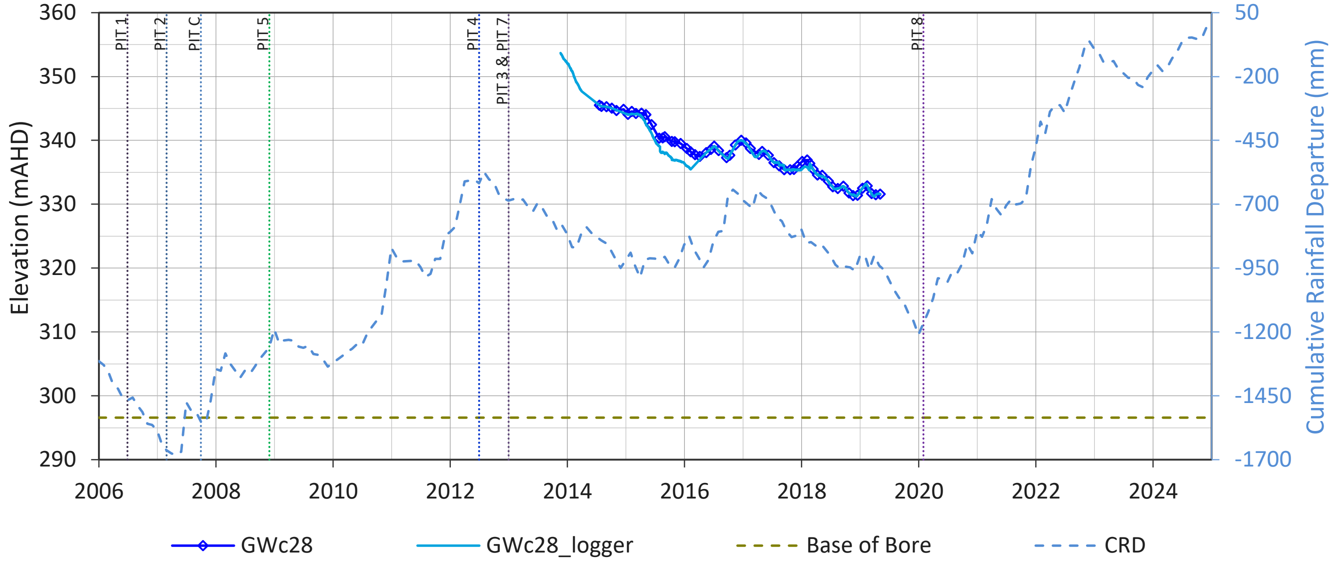

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc18
CRD


Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc18
CRD

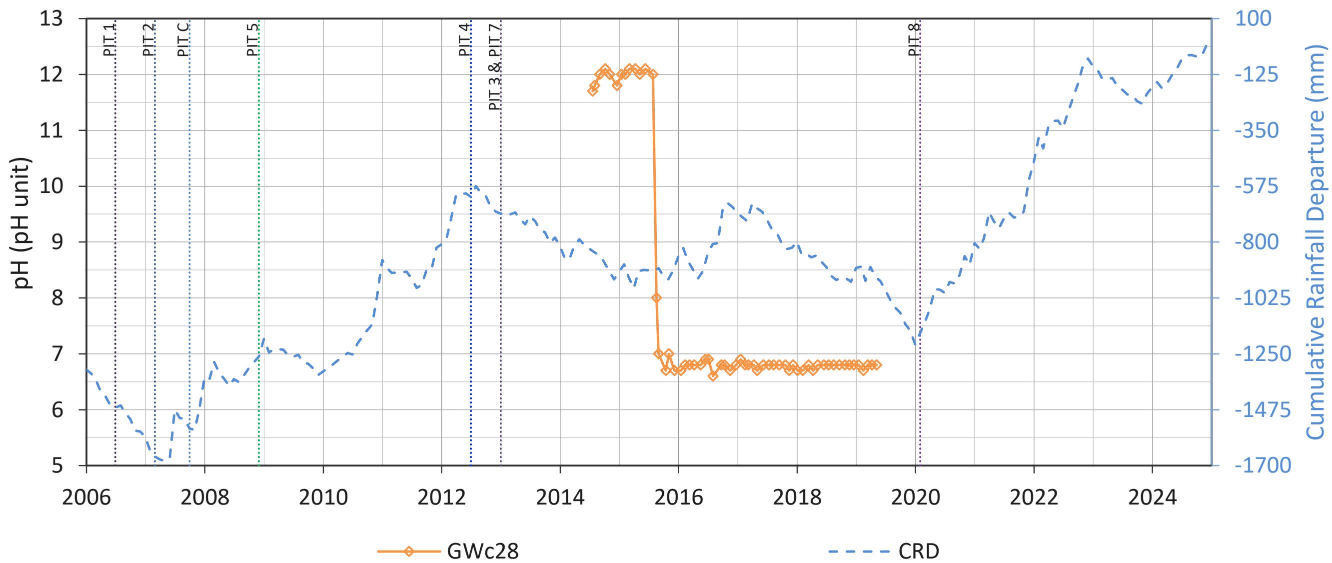

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa16
GWa16_logger
Base of Bore
CRD


pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa16
CRD

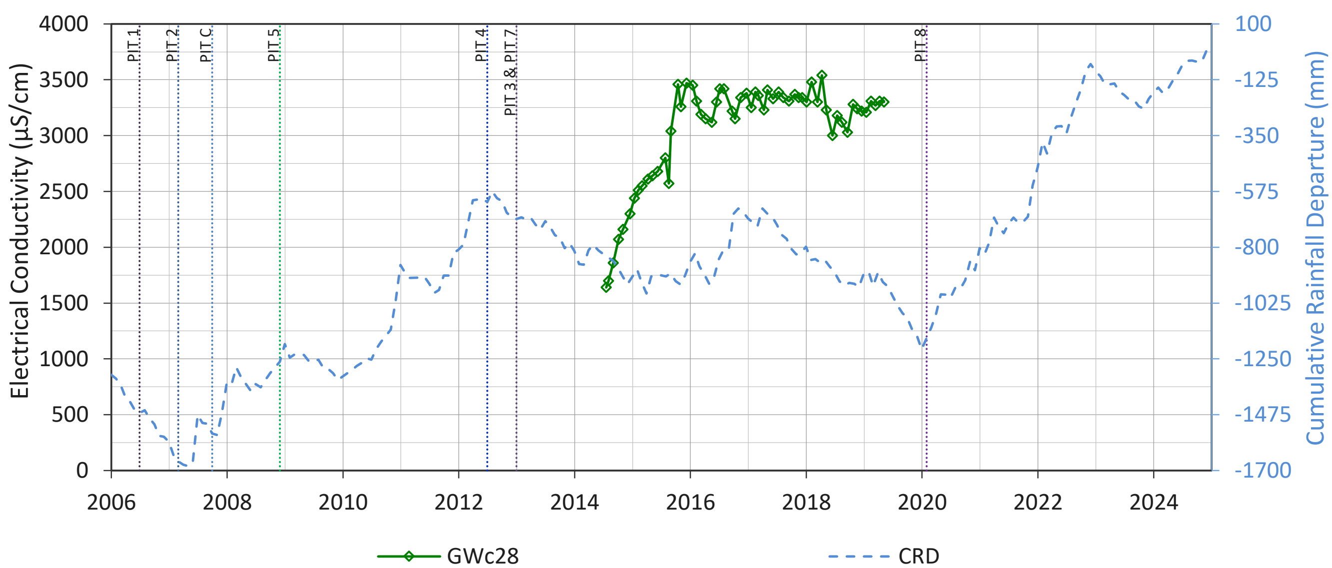

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa16
CRD



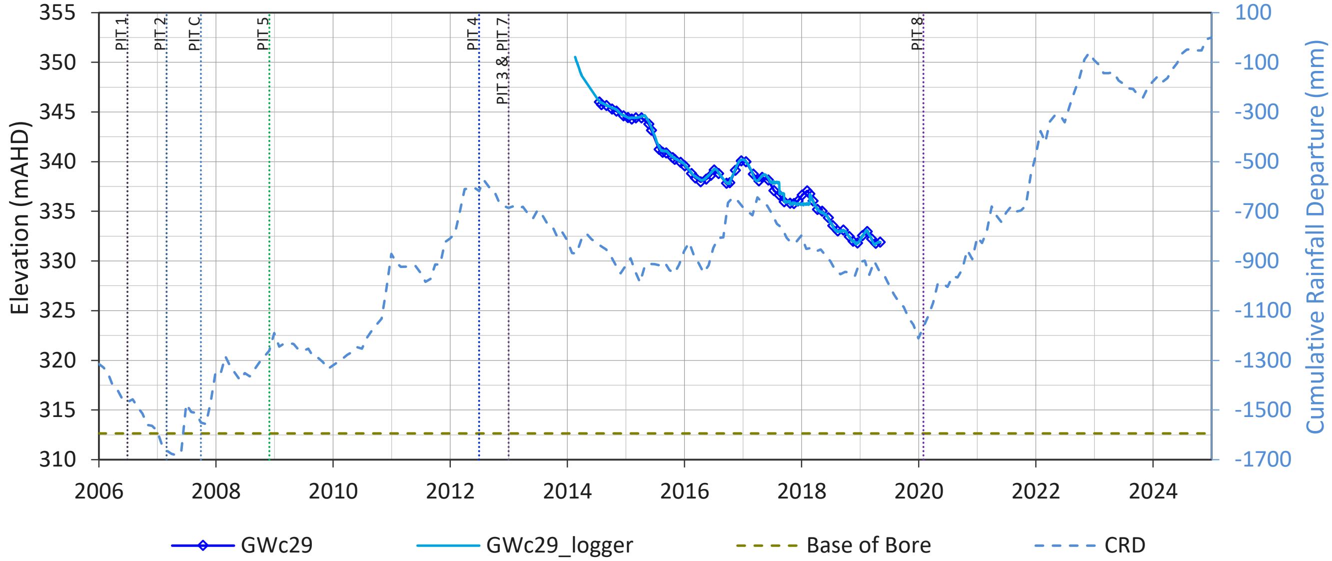
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc28
GWc28_logger
Base of Bore
CRD

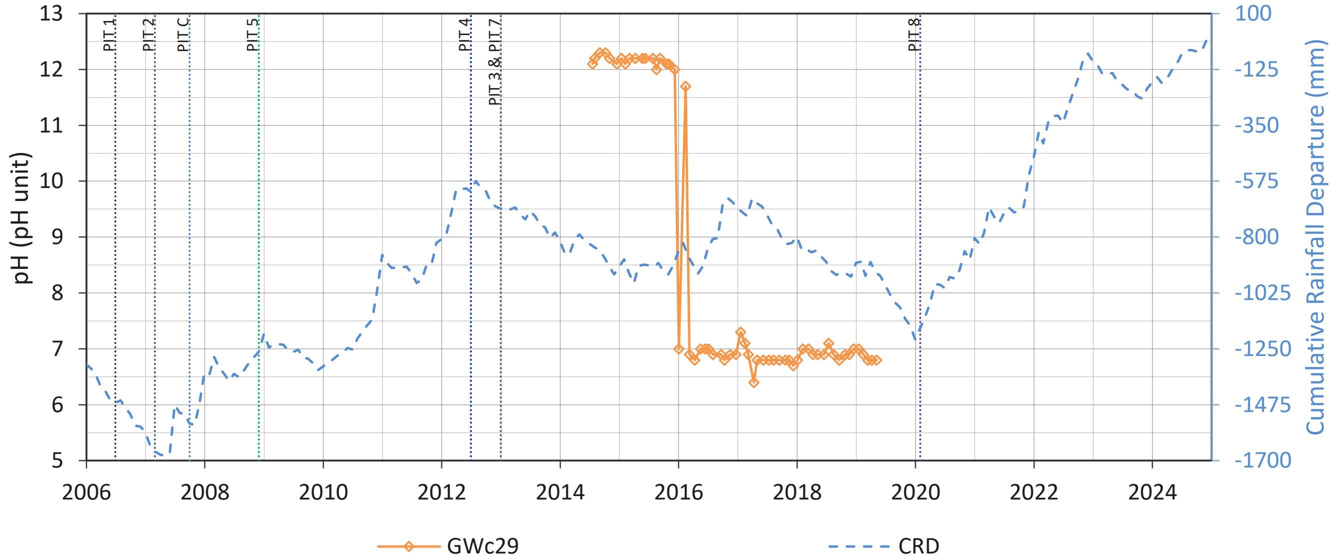



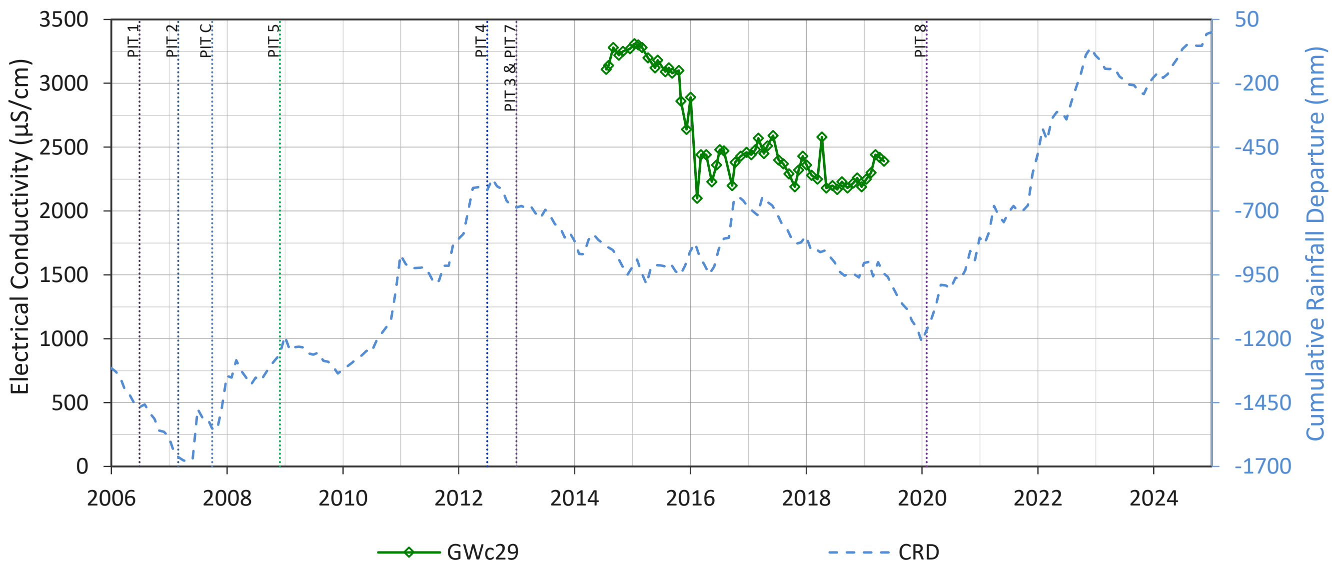
pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc28
CRD

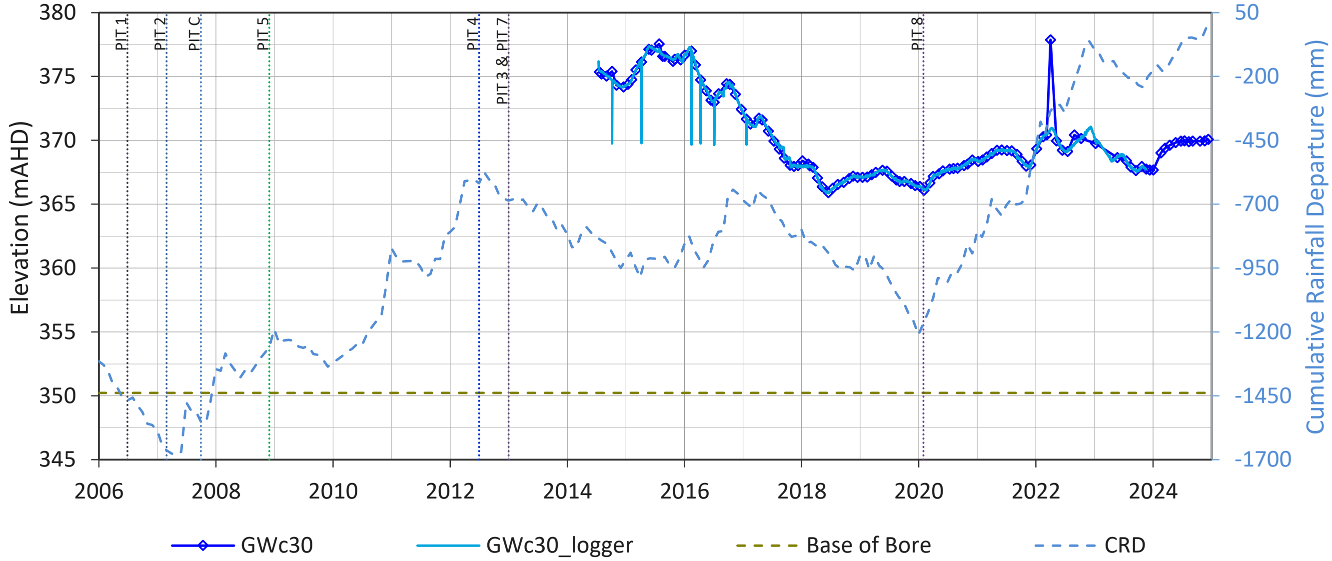



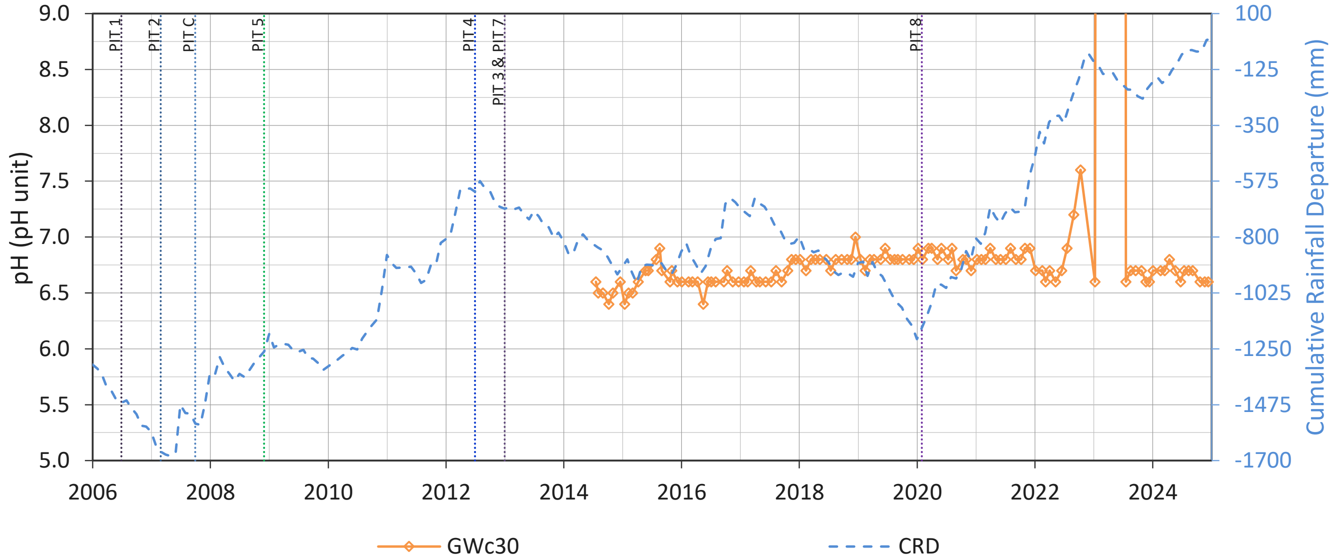
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc28
CRD

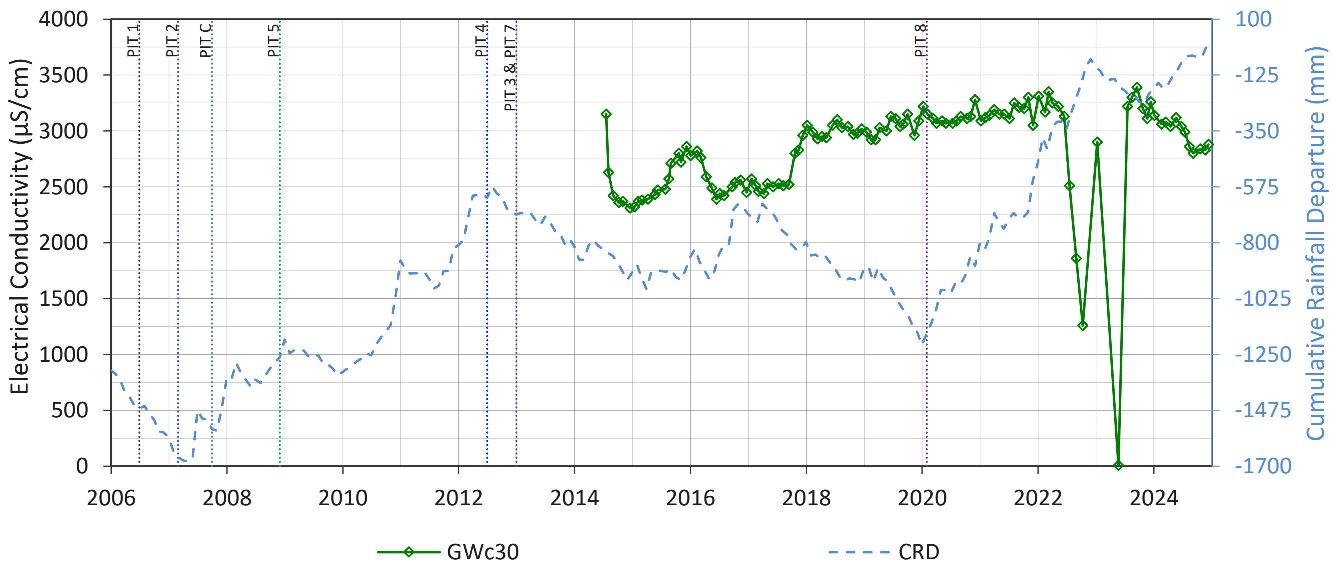

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc29
GWc29_logger
Base of Bore
CRD

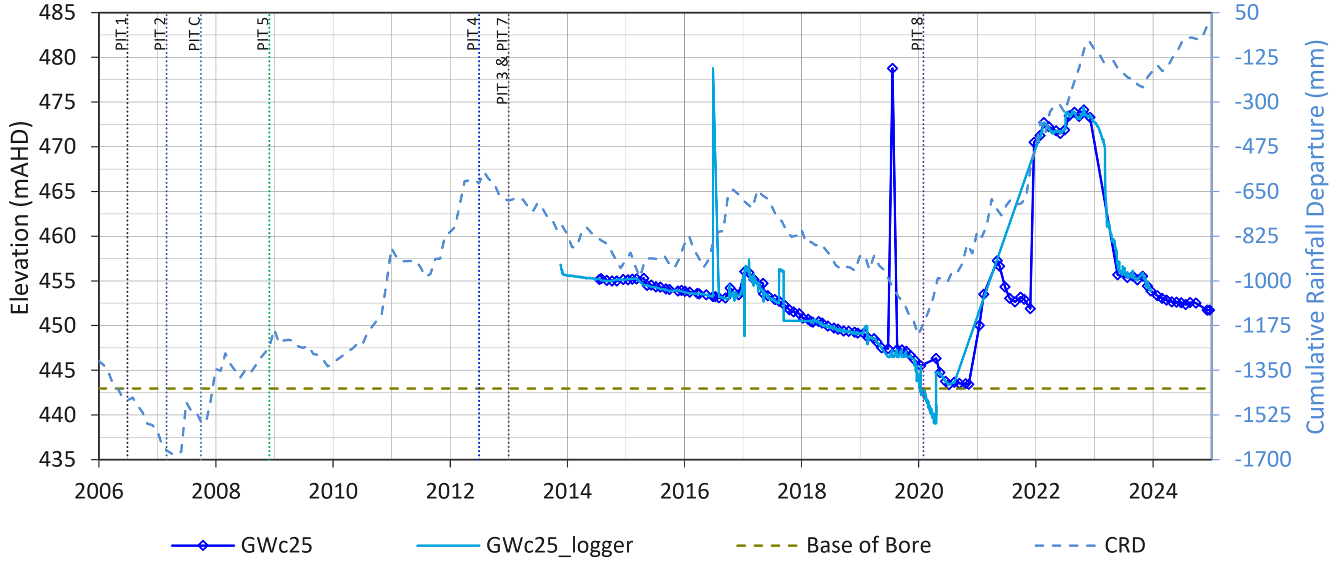

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc29
CRD


Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc29
CRD

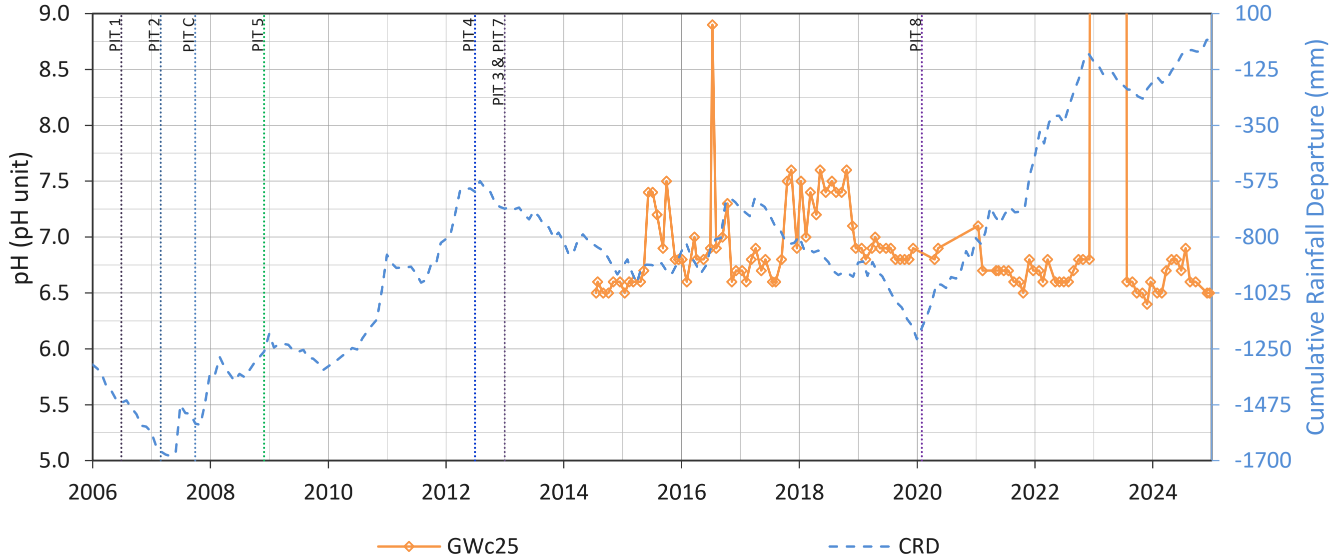

PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc30
GWc30_logger
Base of Bore
CRD


PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc30
CRD

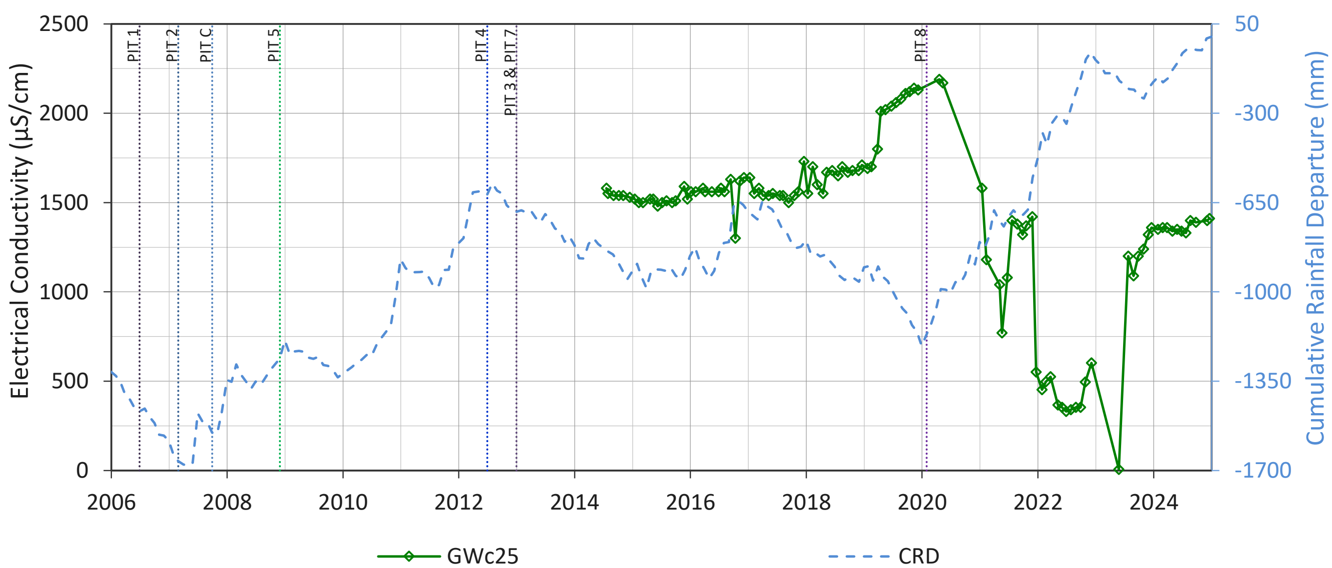

PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc30
CRD



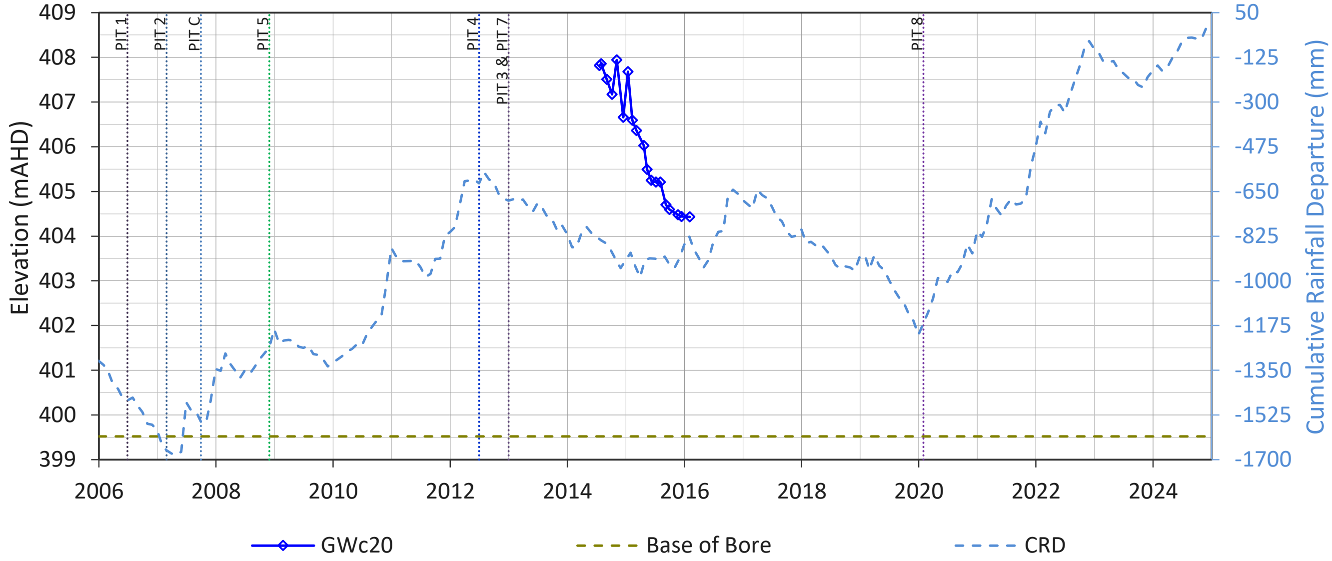
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc25
GWc25_logger
Base of Bore
CRD

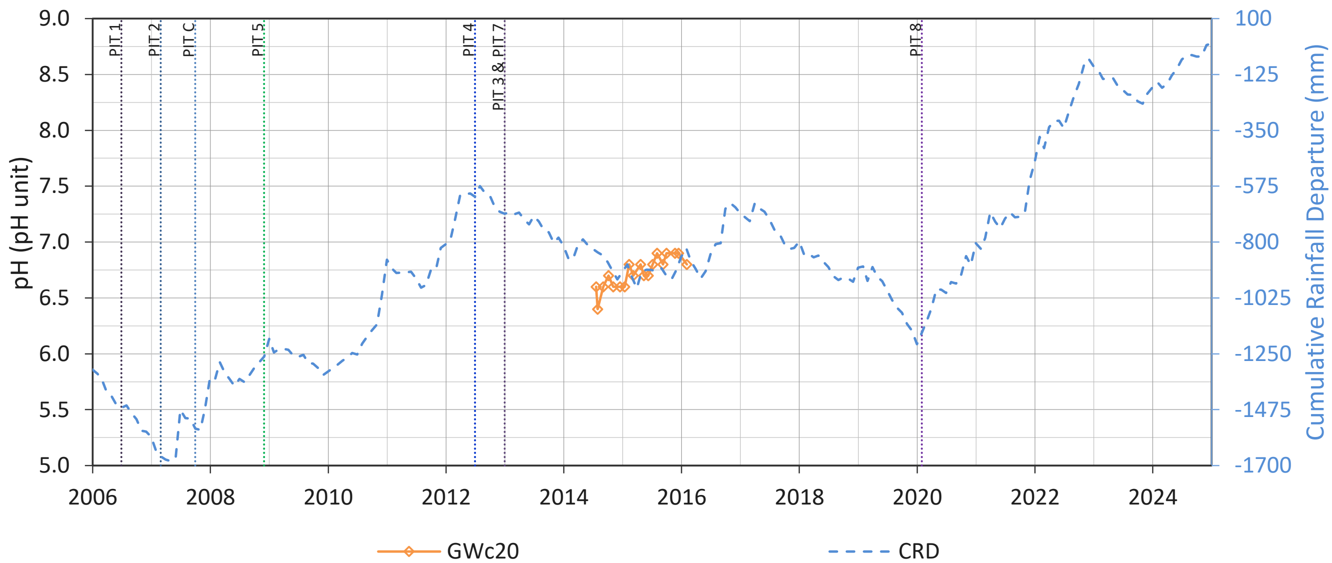



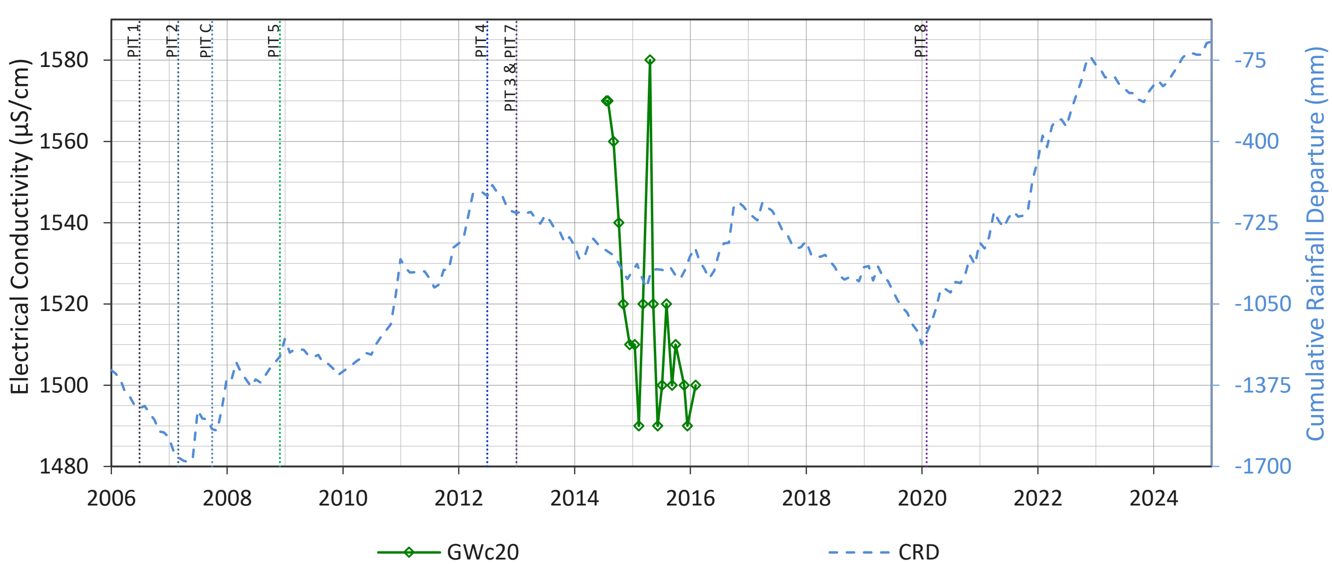
pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc25
CRD

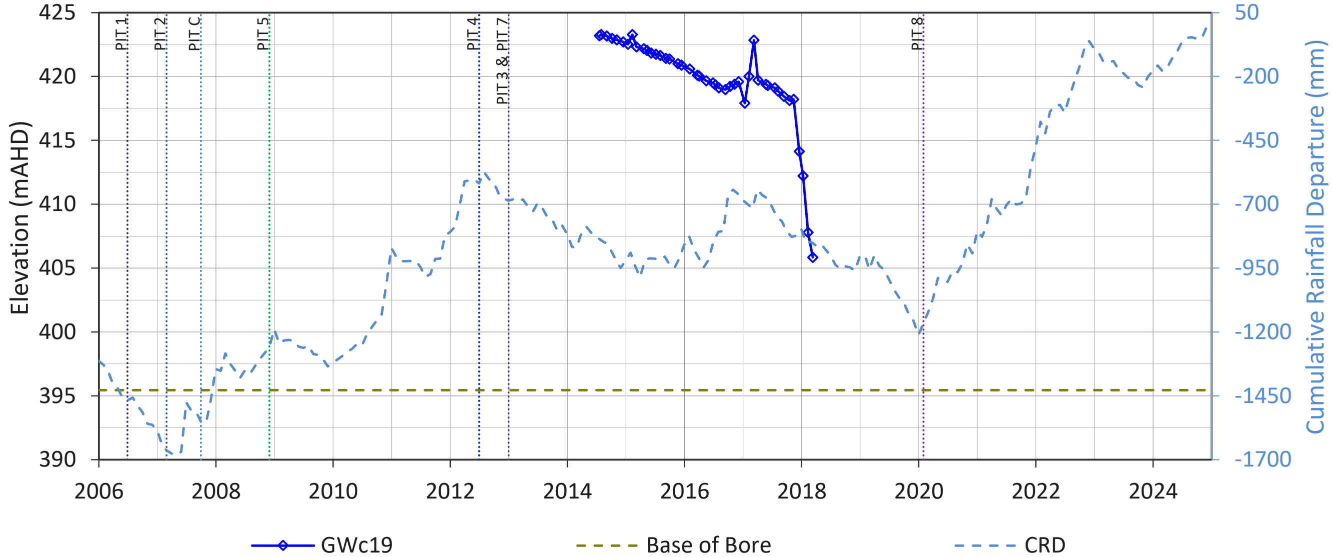



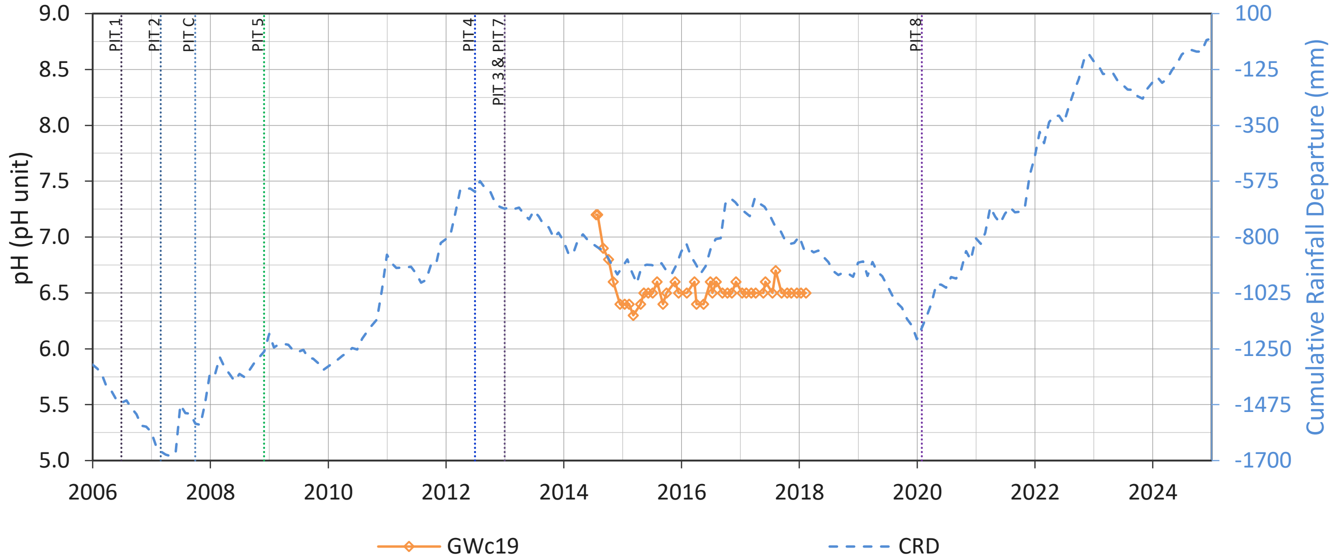
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc25
CRD

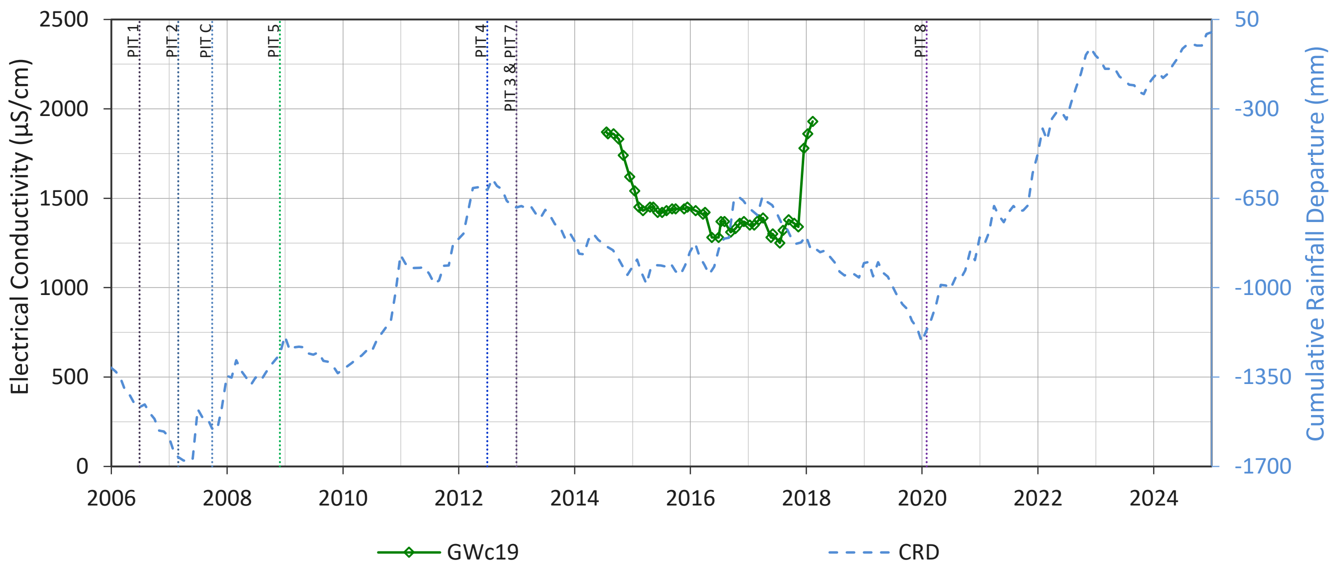

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc20
Base of Bore
CRD

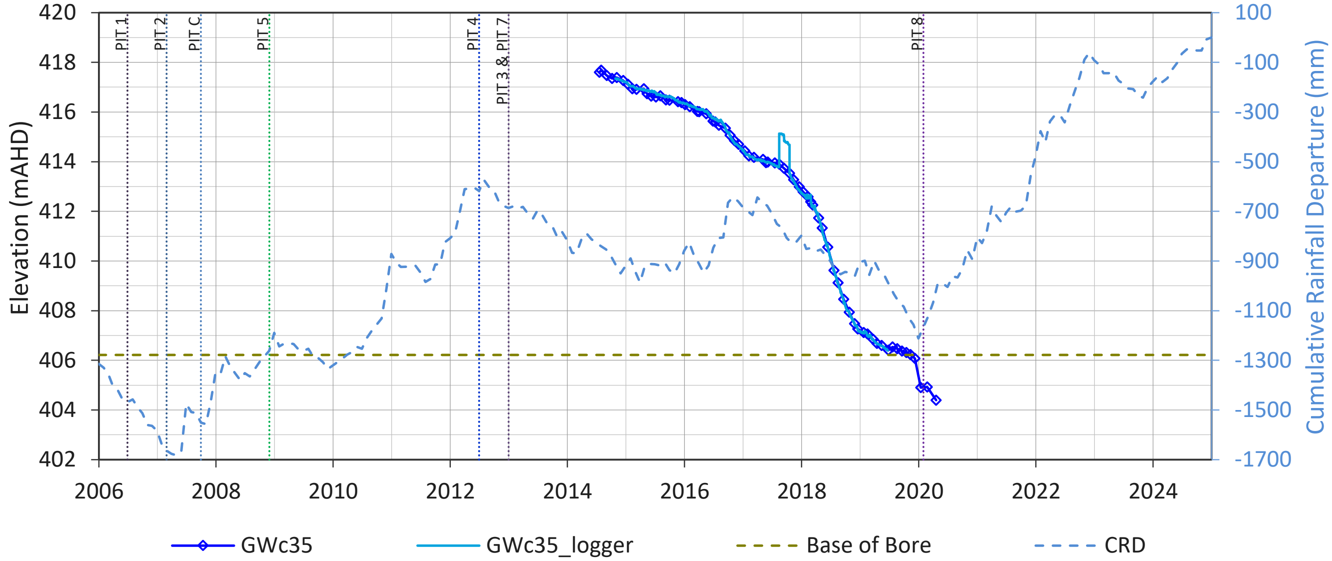

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc20
CRD

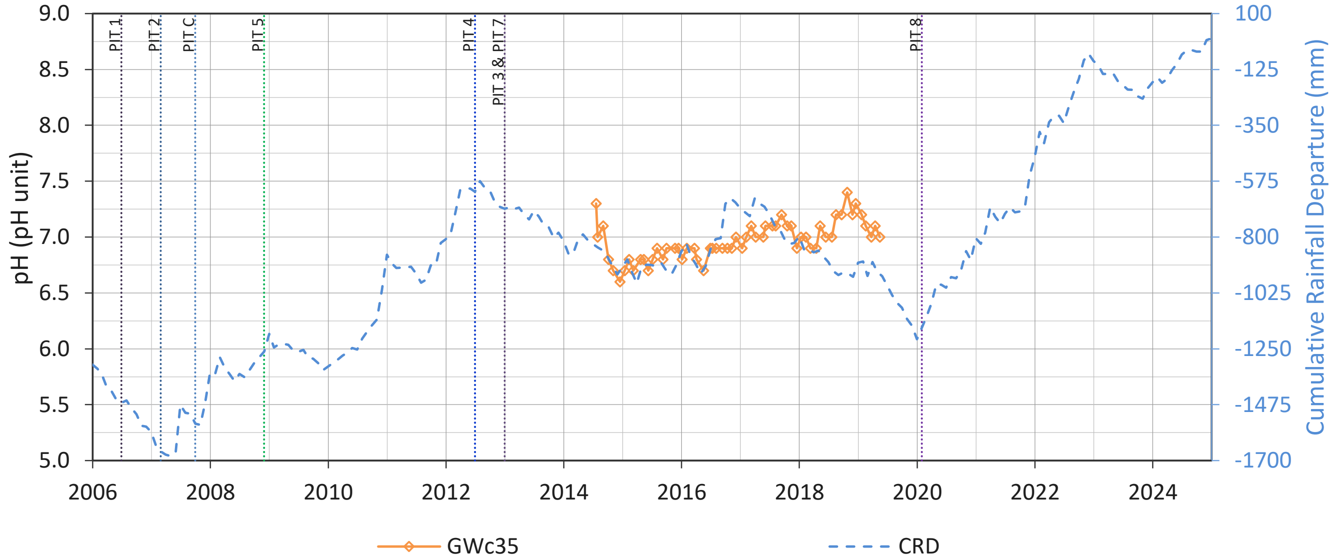

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc20
CRD

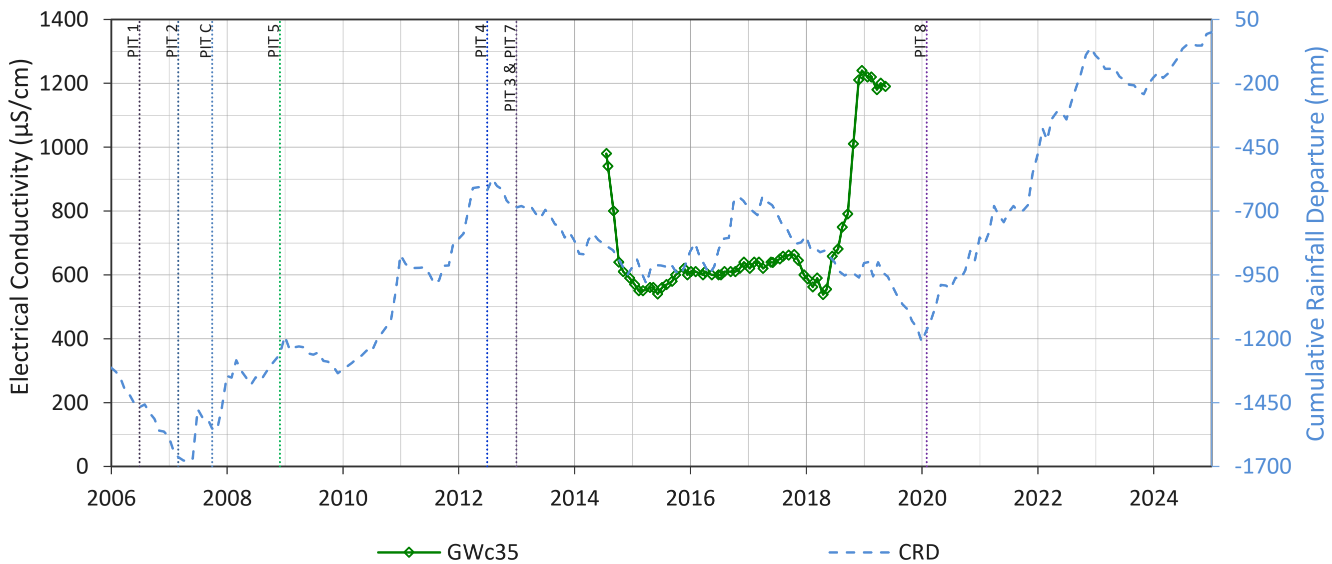

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
Base of Bore
CRD

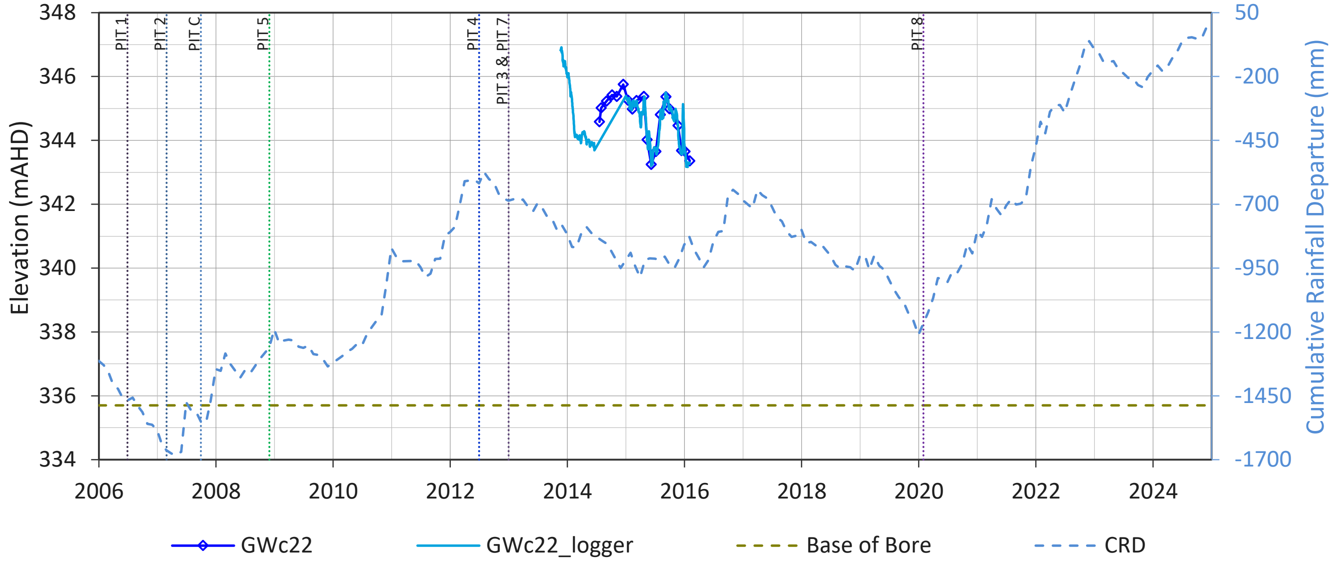

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD

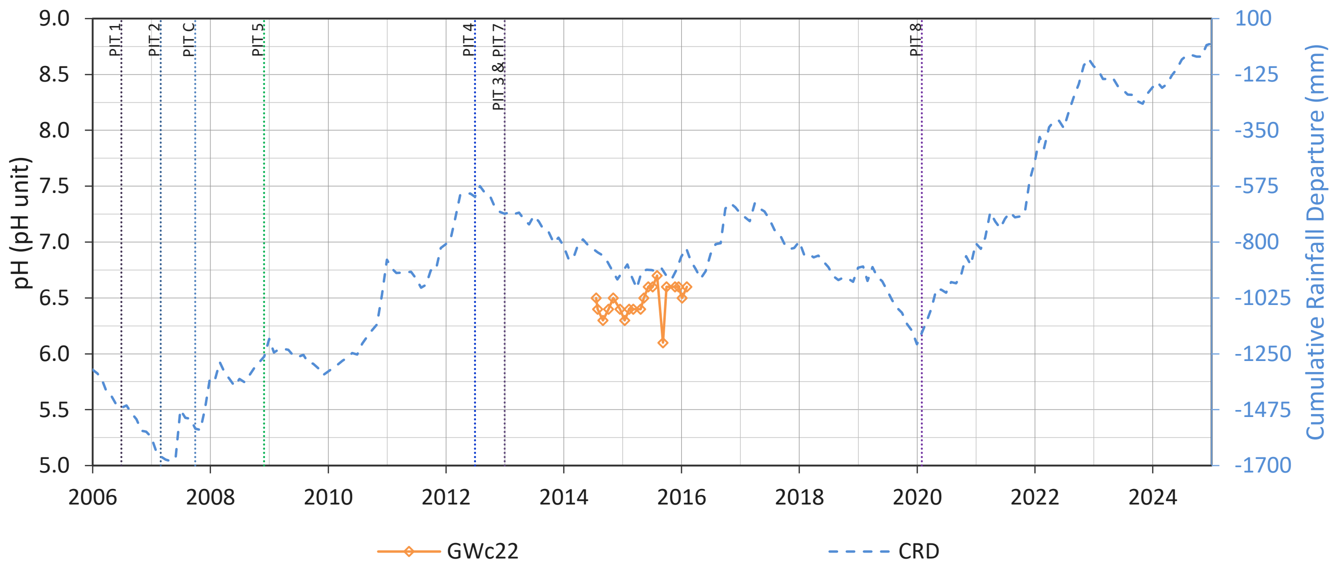

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD

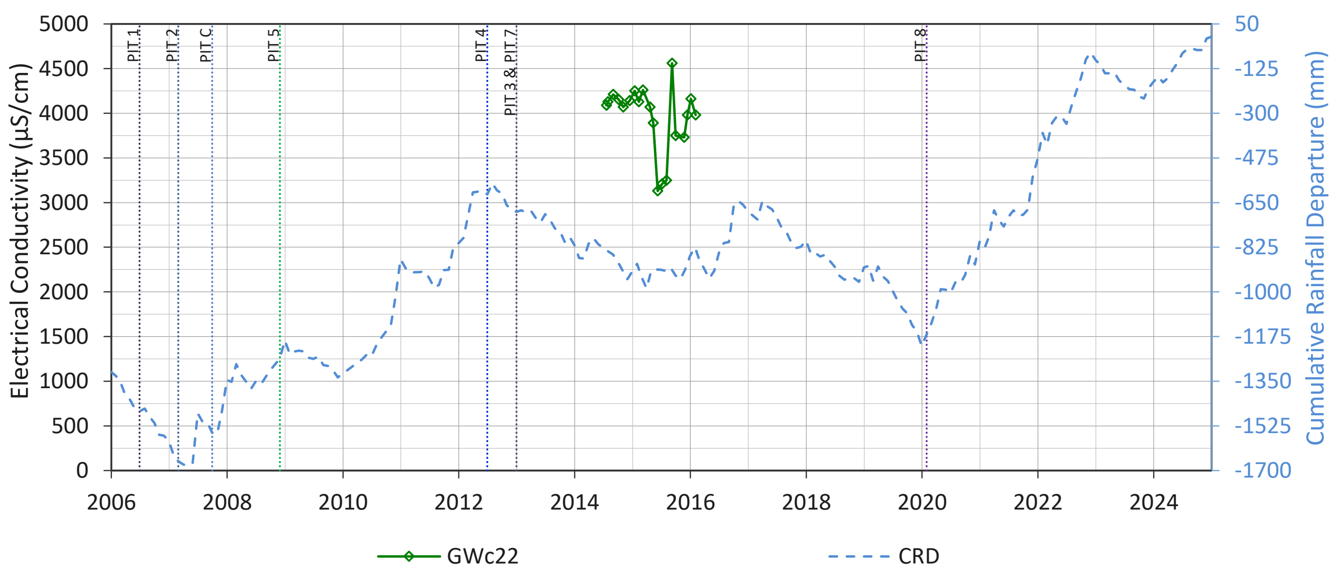

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc35
GWc35_logger
Base of Bore
CRD

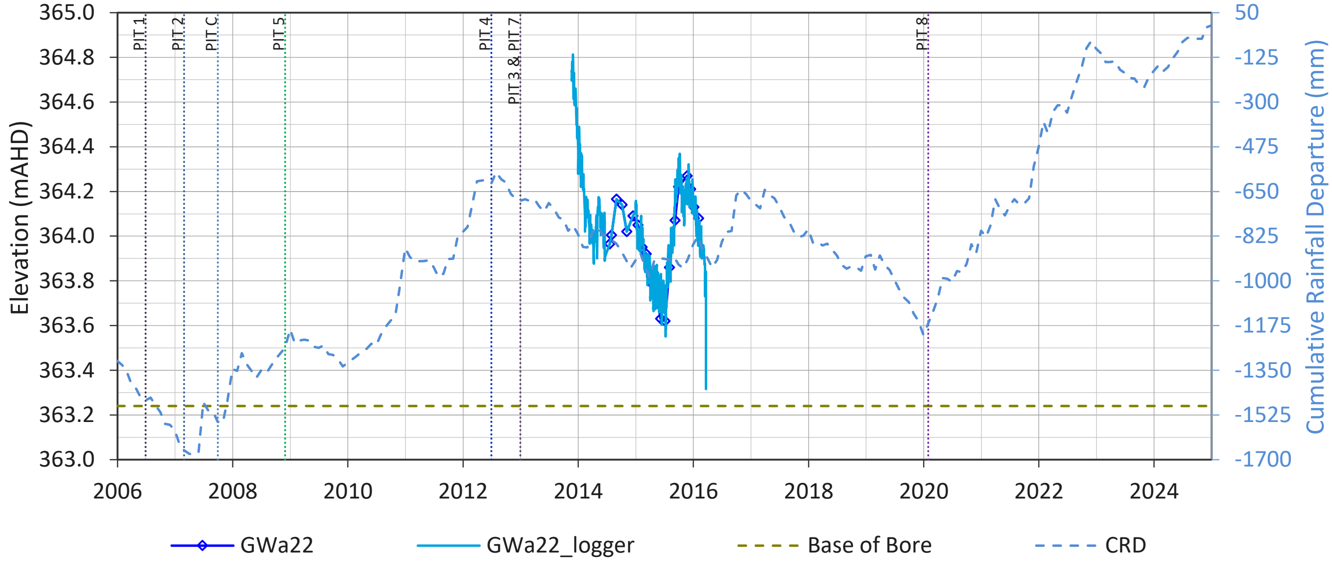

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc35
CRD

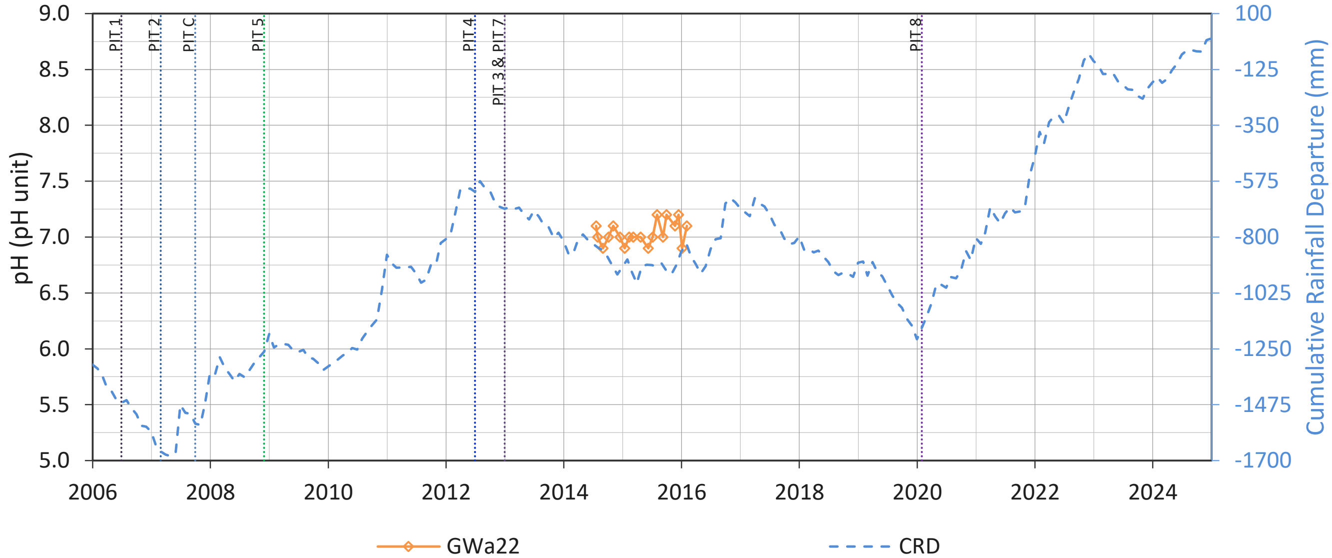

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc35
CRD

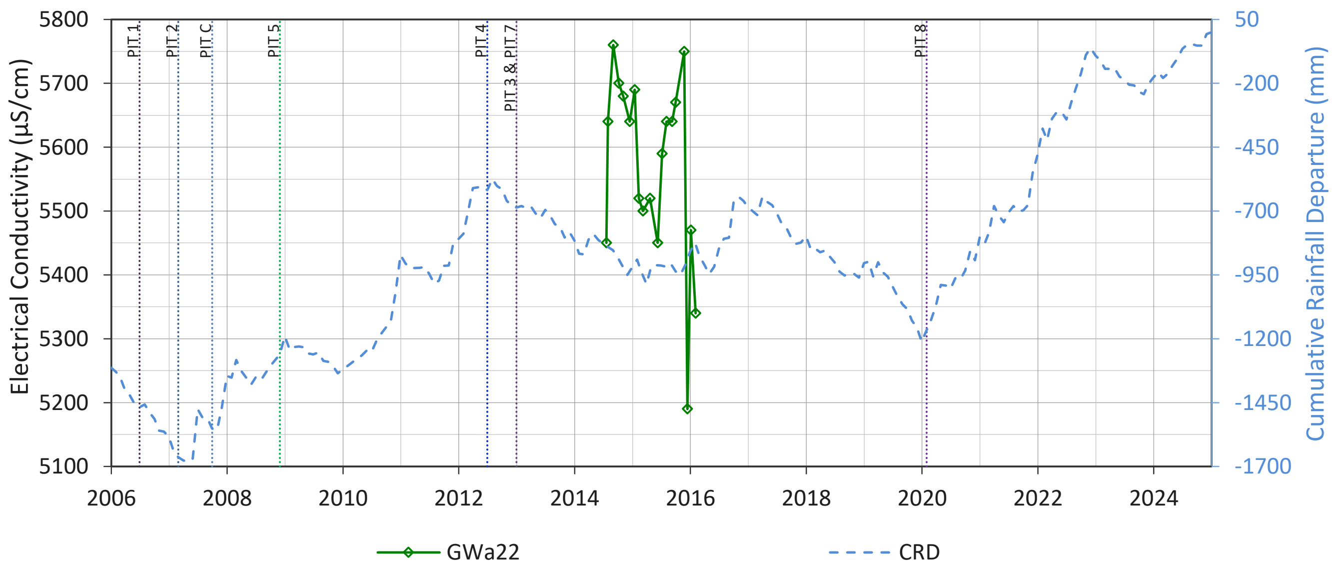

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc22
GWc22_logger
Base of Bore
CRD

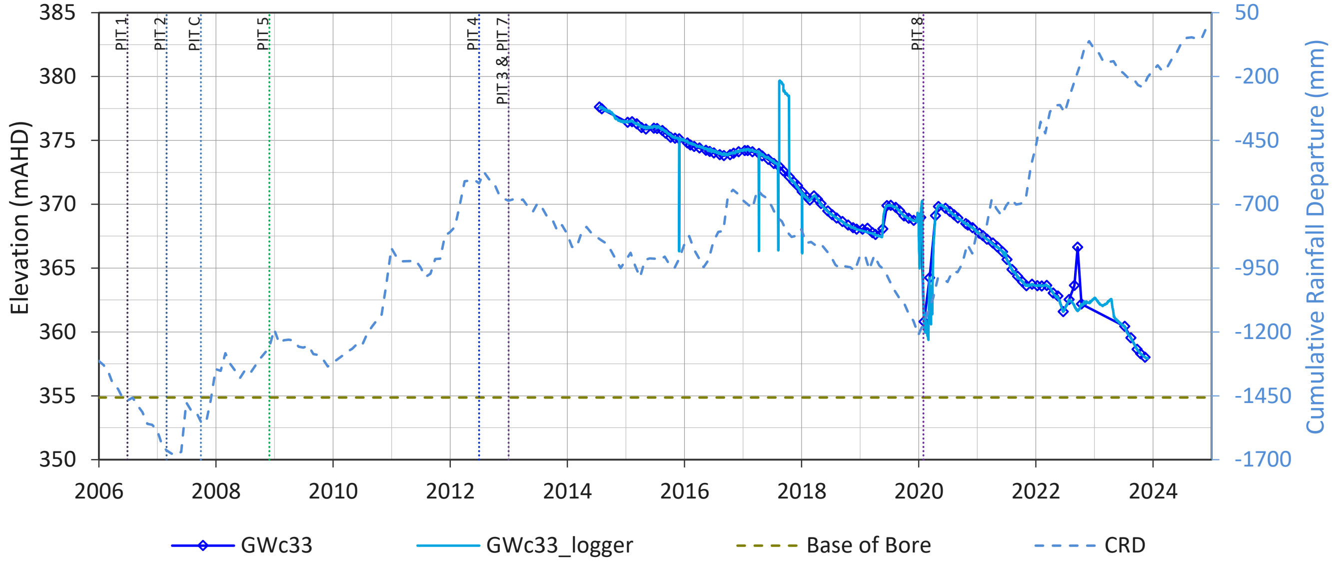

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc22
CRD

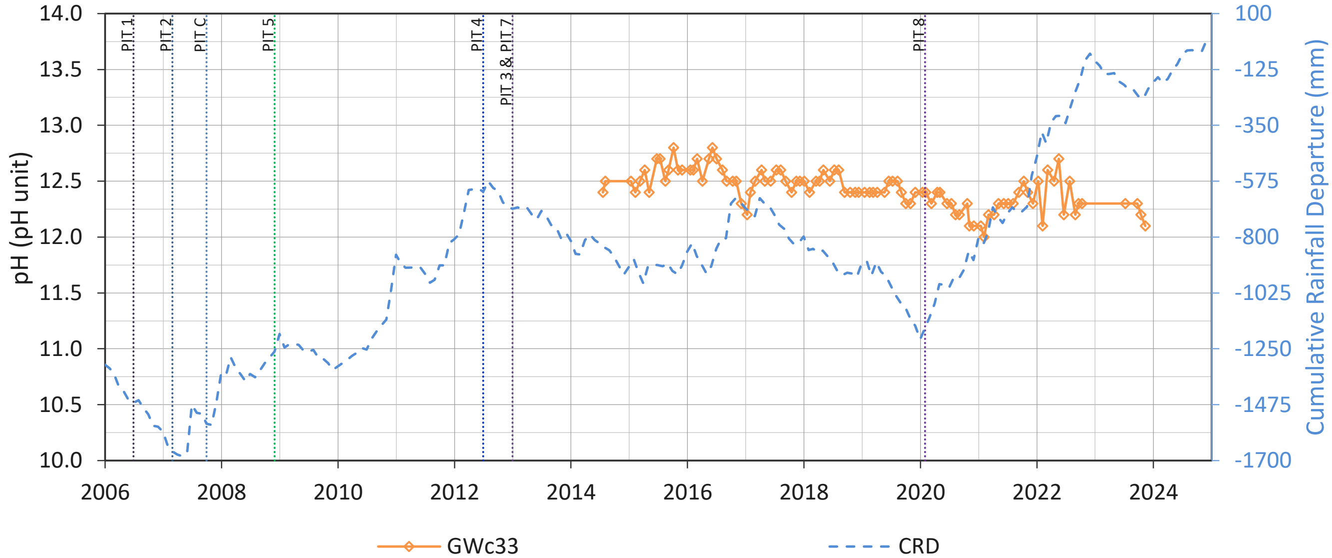

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc22
CRD

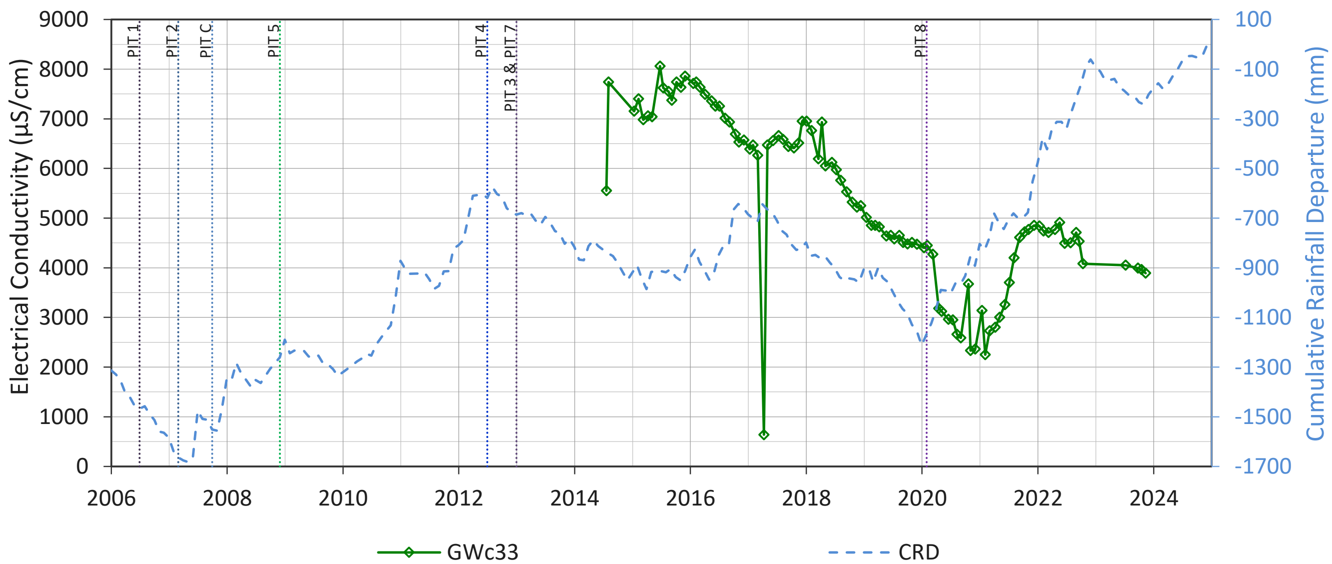

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa22
GWa22_logger
Base of Bore
CRD

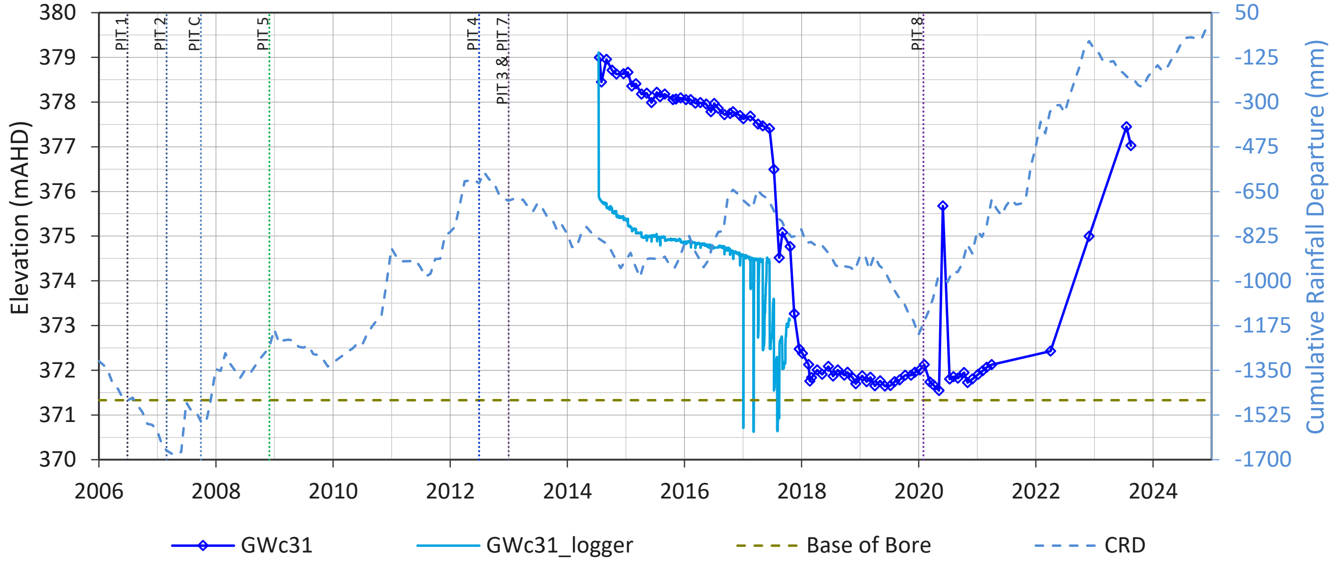

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa22
CRD

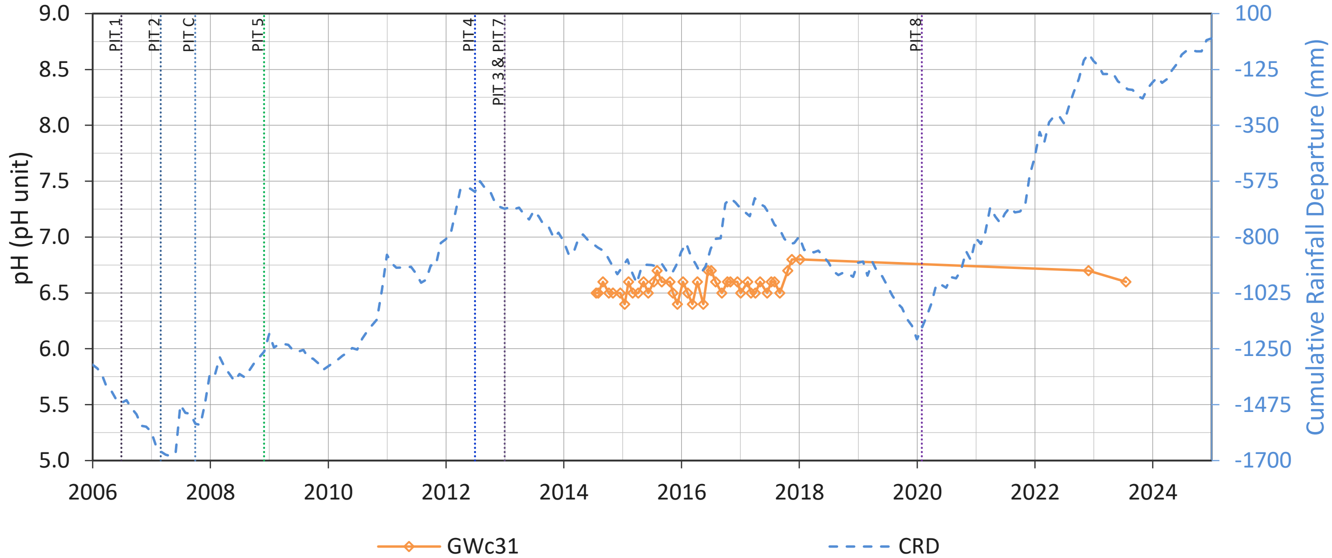

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa22
CRD

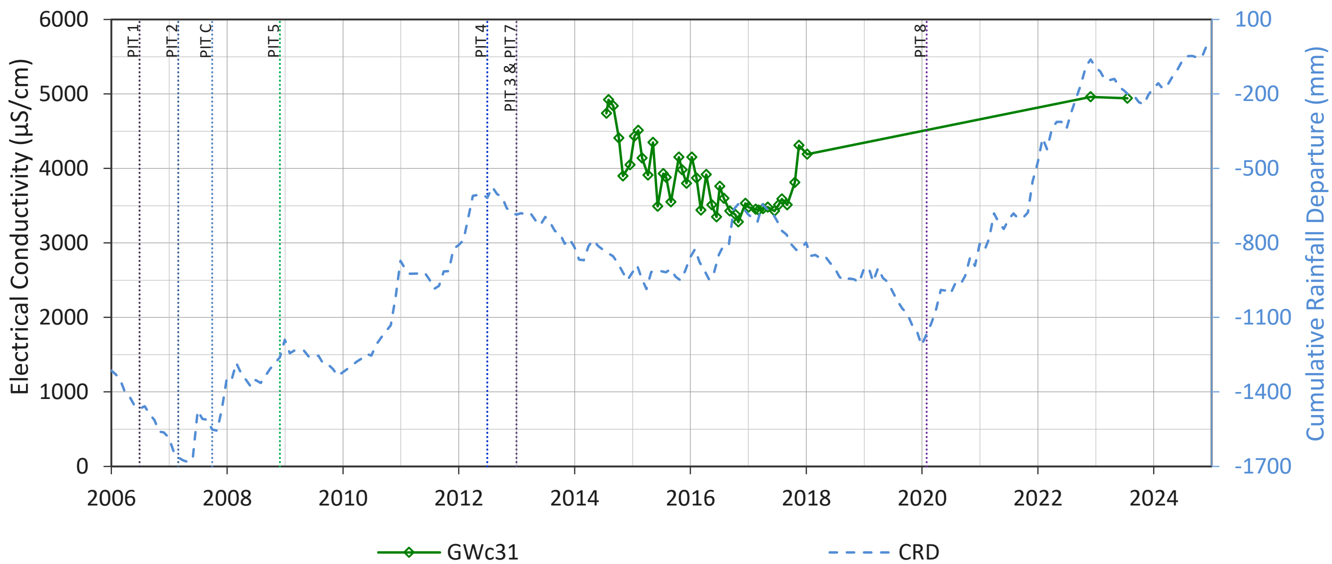

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc33
GWc33_logger
Base of Bore
CRD

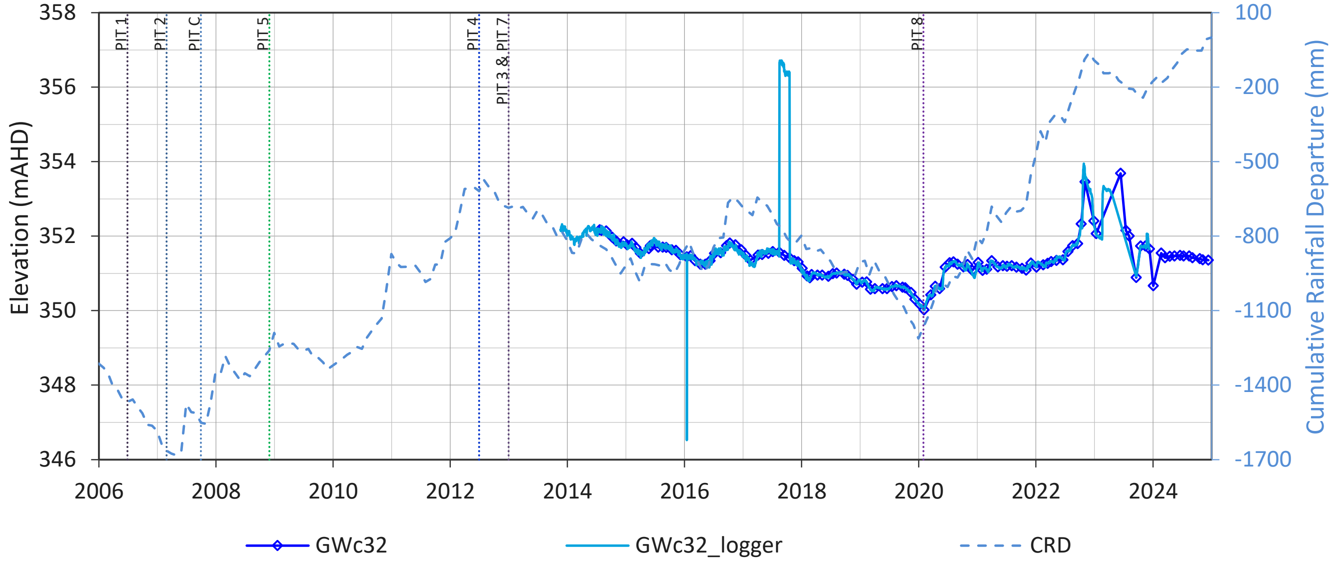

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc33
CRD

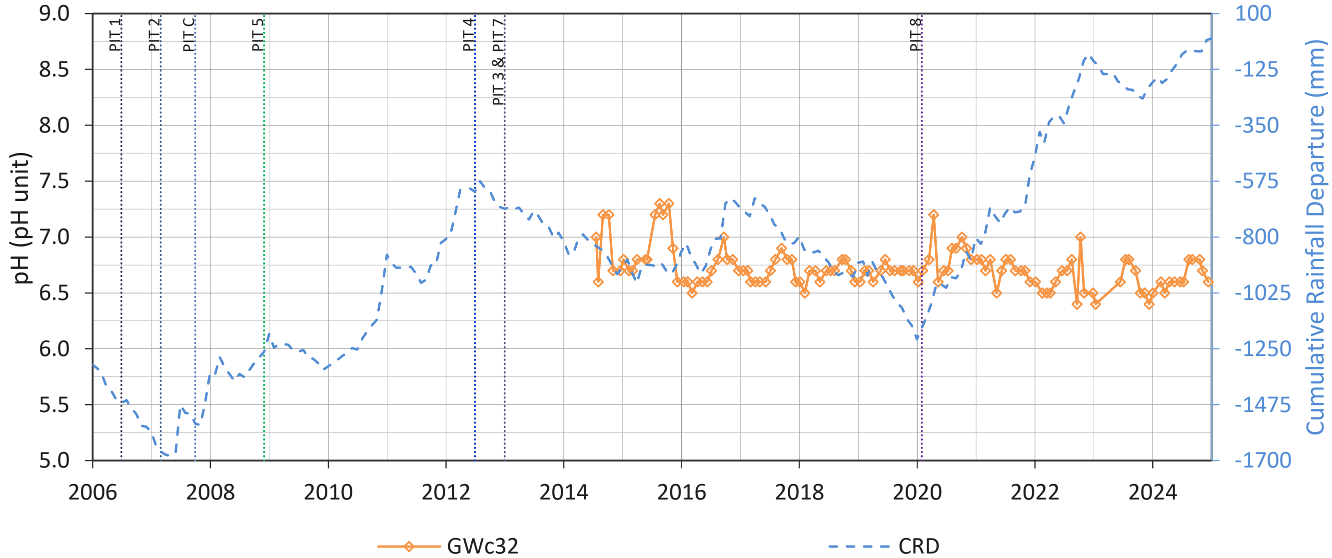

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc33
CRD

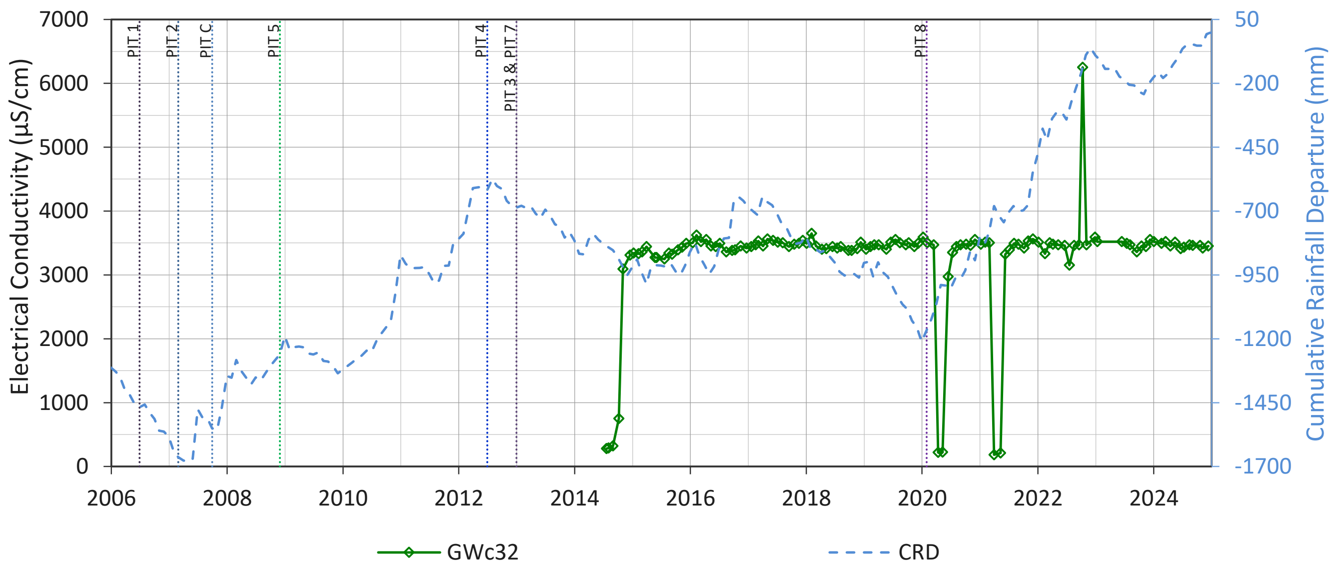

380
379
378
377
376
375
374
373
372
371
370
Elevation (mAHD)
50
-125
-300
-475
-650
-825
-1000
-1175
-1350
-1525
-1700
Cumulative Rainfall Departure (mm)
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc31
GWc31_logger
Base of Bore
CRD

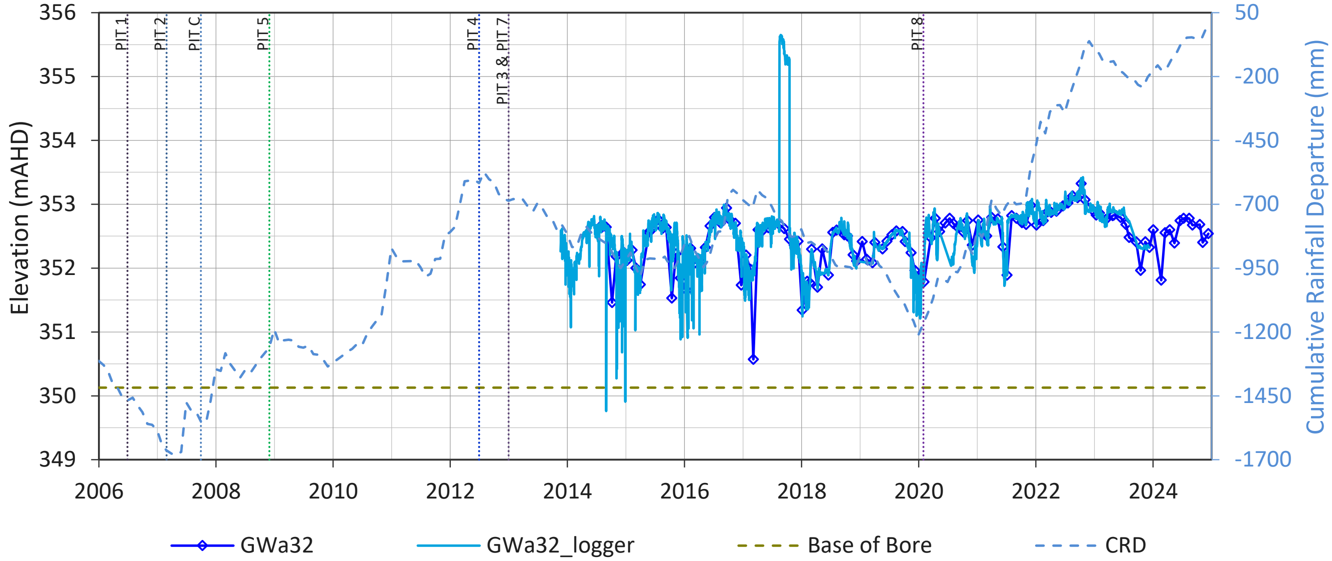

9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
pH (pH unit)
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
Cumulative Rainfall Departure (mm)
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc31
CRD

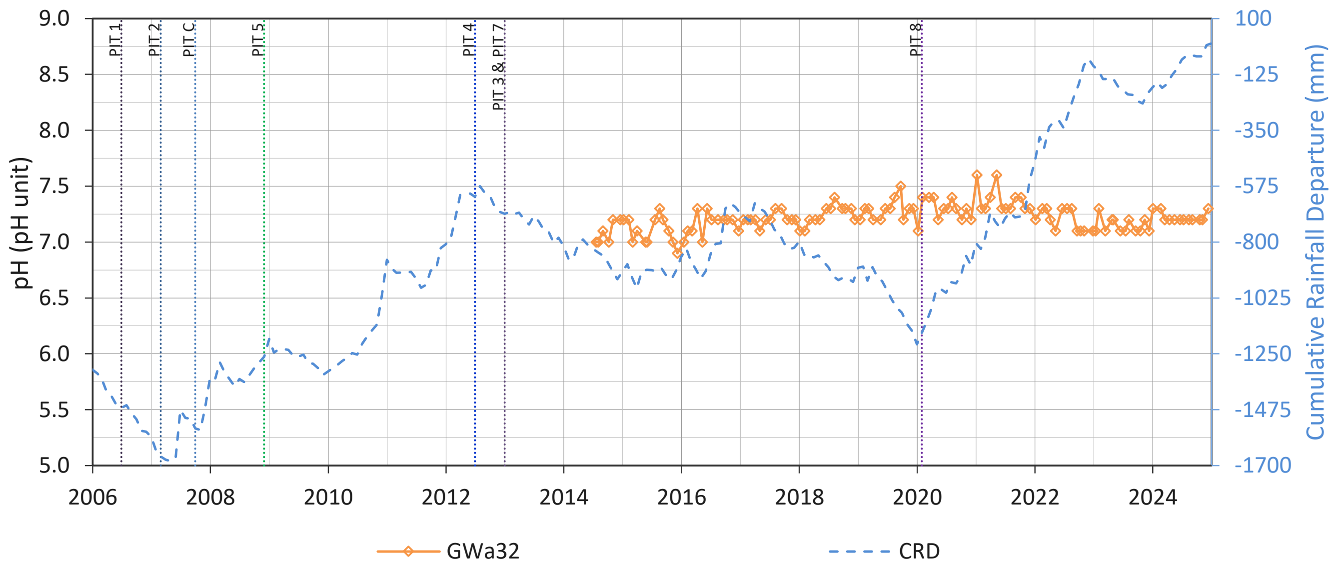

6000
5000
4000
3000
2000
1000
0
Electrical Conductivity (µS/cm)
100
-200
-500
-800
-1100
-1400
-1700
Cumulative Rainfall Departure (mm)
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc31
CRD

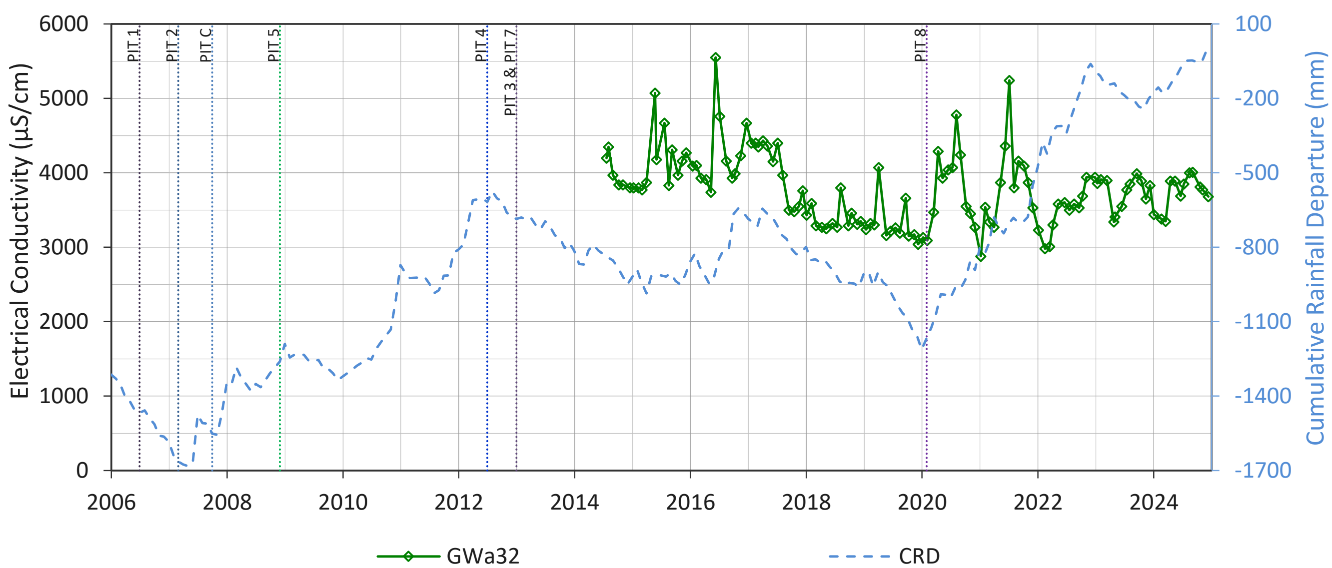

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc32
GWc32_logger
CRD

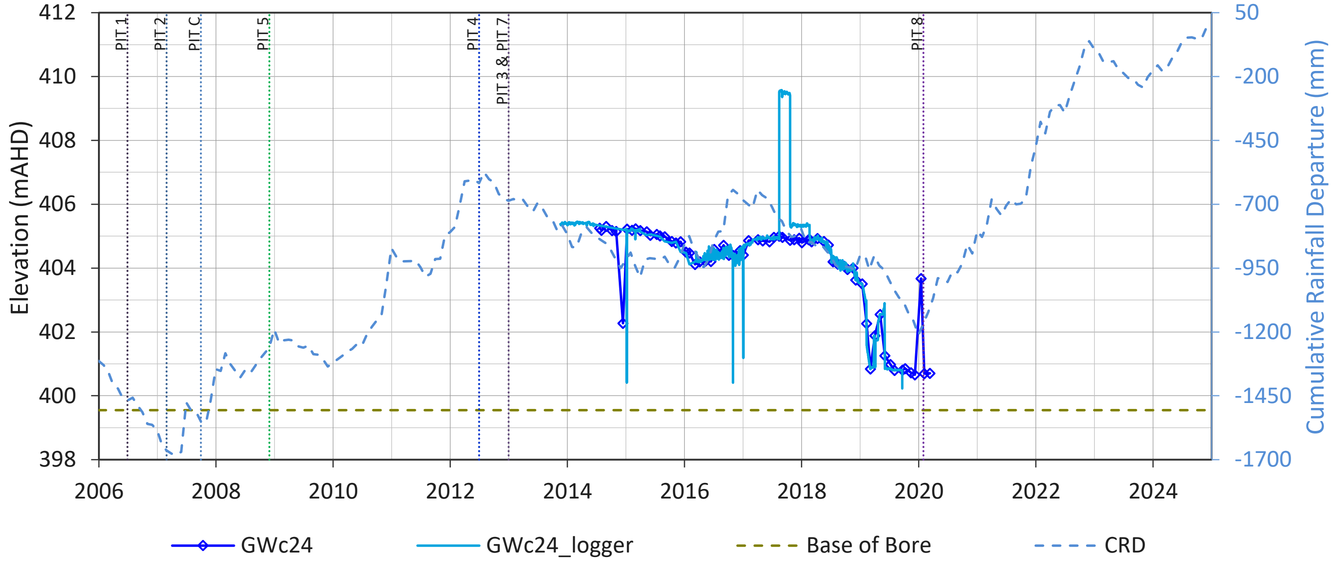

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc32
CRD

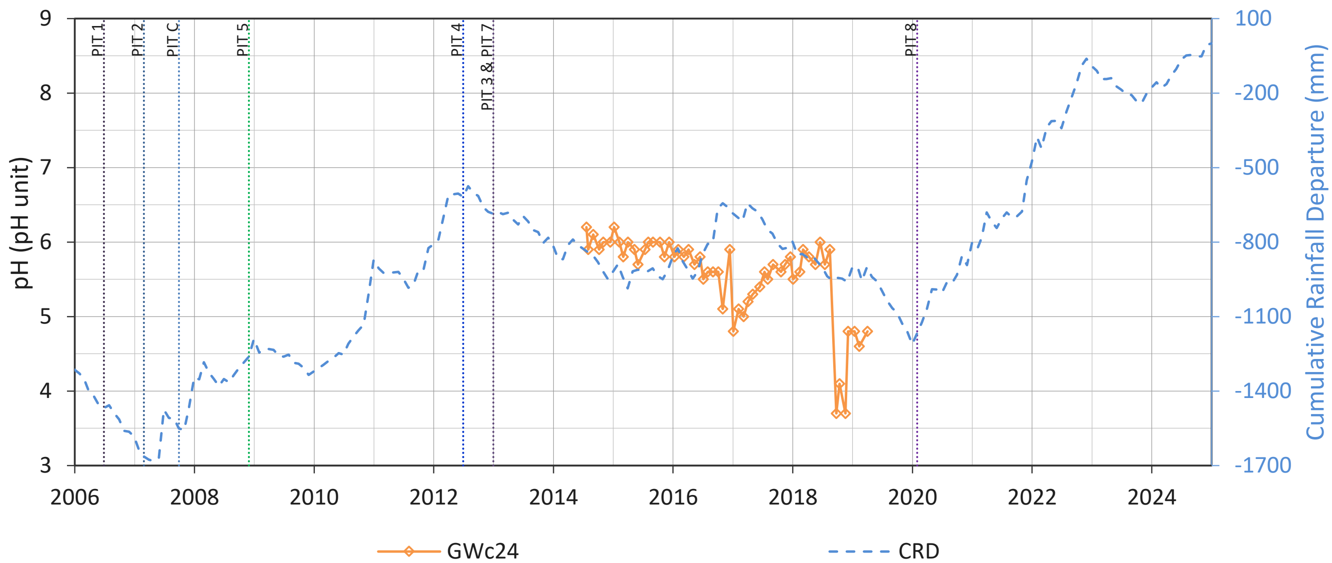

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc32
CRD

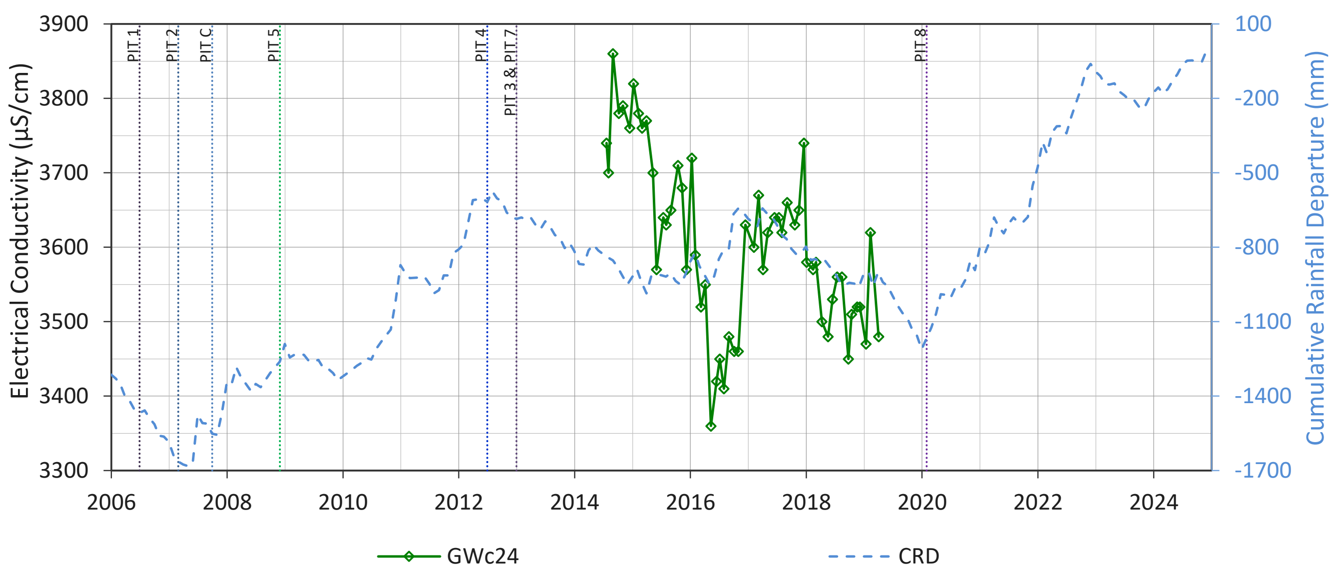

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
356
355
354
353
352
351
350
349
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWa32
GWa32_logger
Base of Bore
CRD

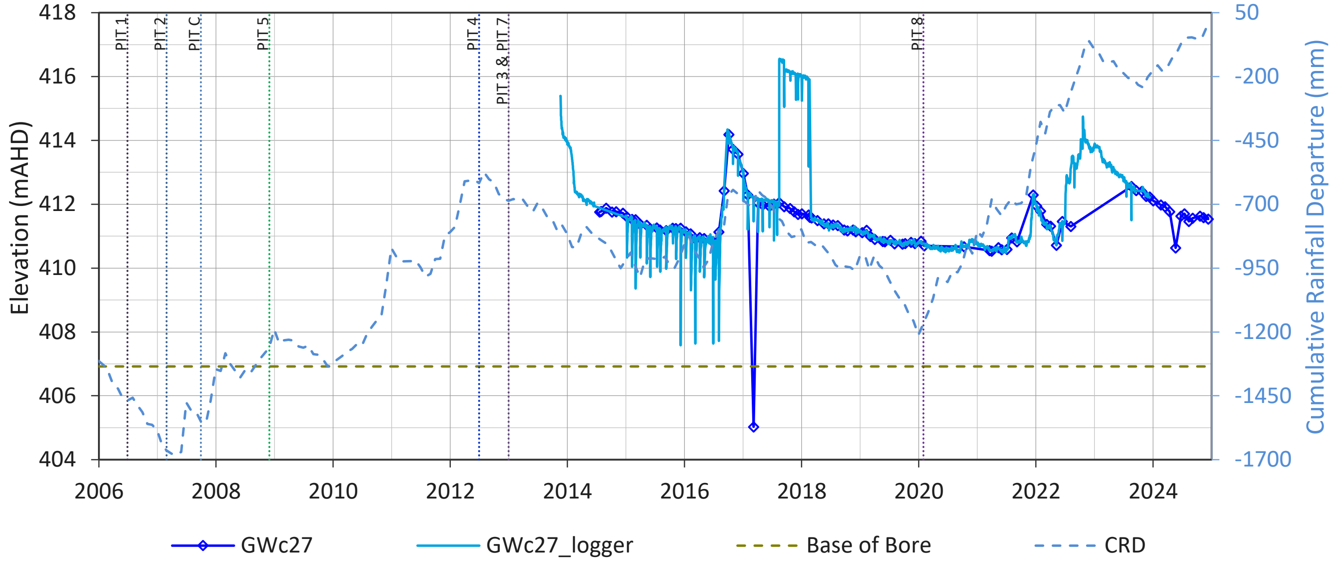

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWa32
CRD

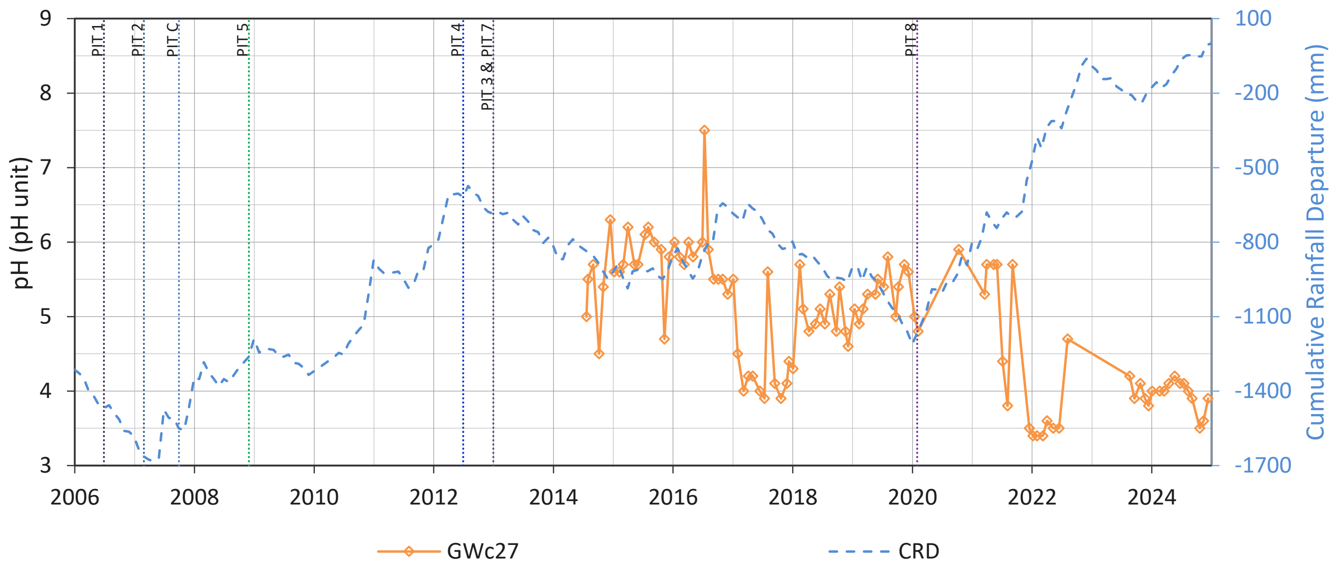

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
6000
5000
4000
3000
2000
1000
0
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWa32
CRD

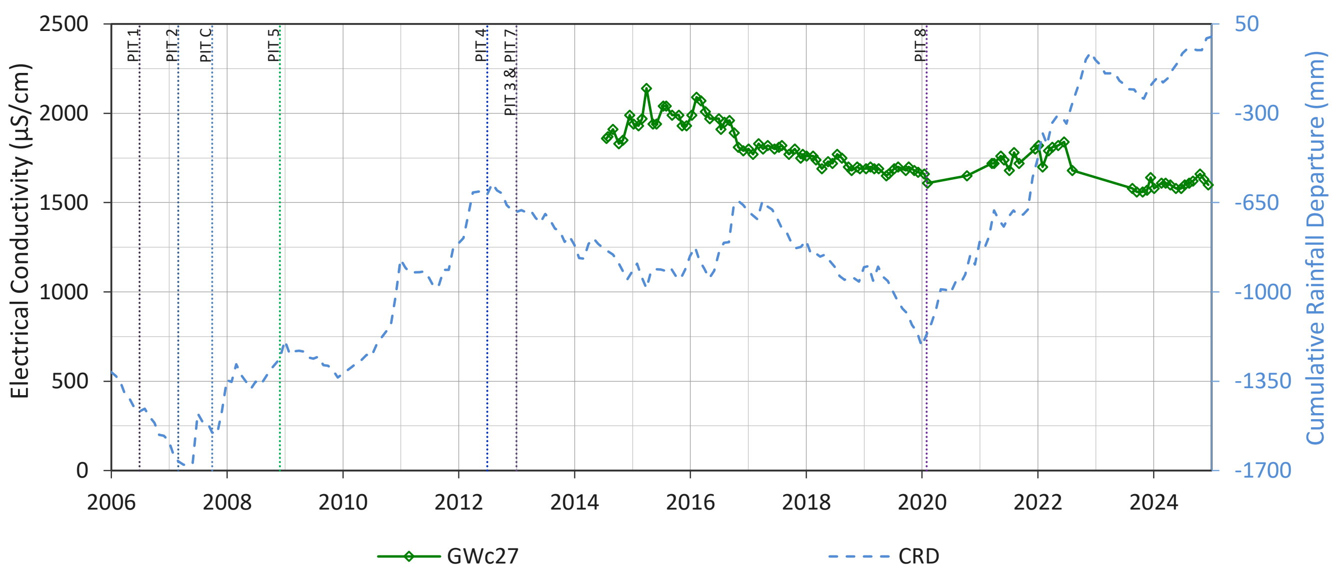

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc24
GWc24_logger
Base of Bore
CRD

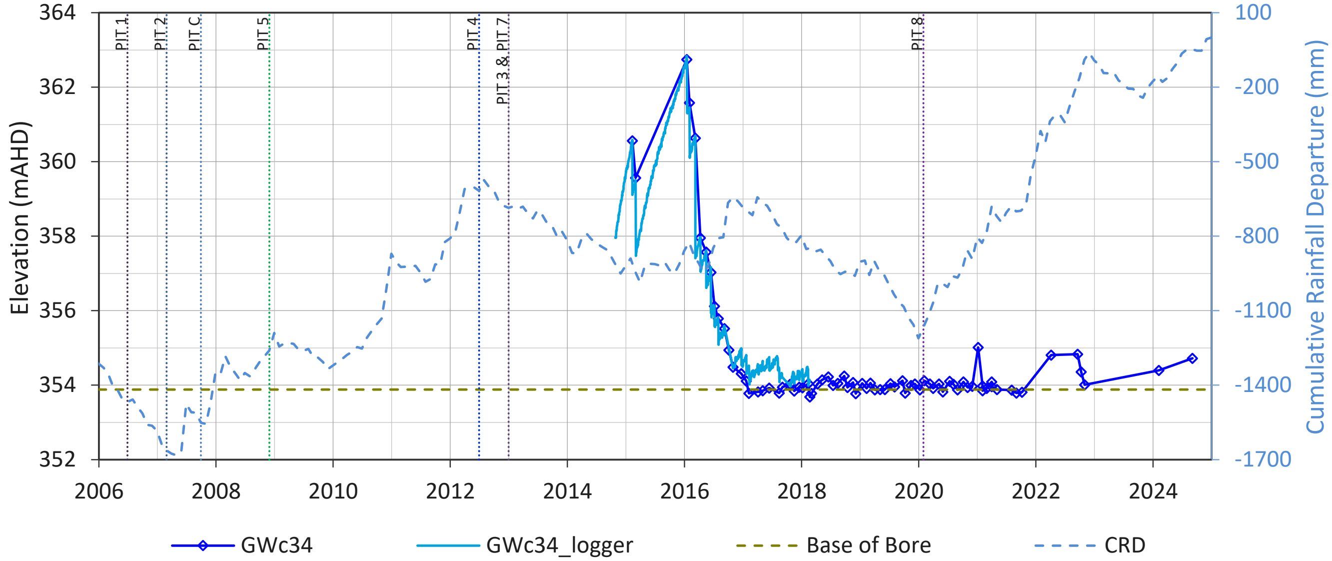

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc24
CRD

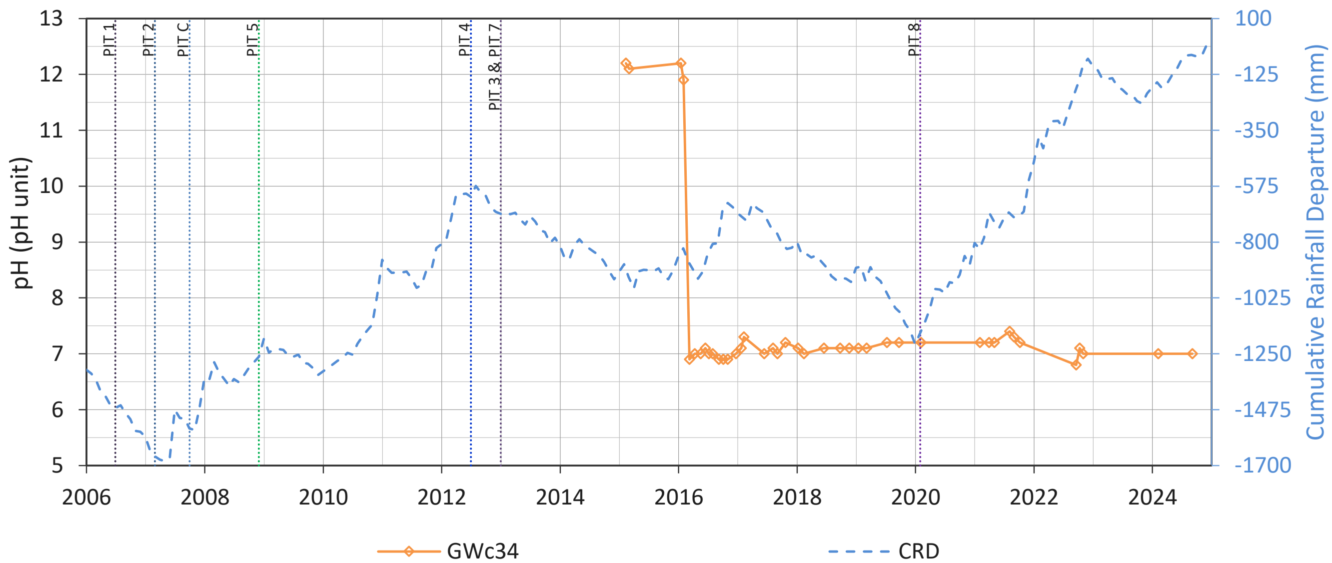

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc24
CRD

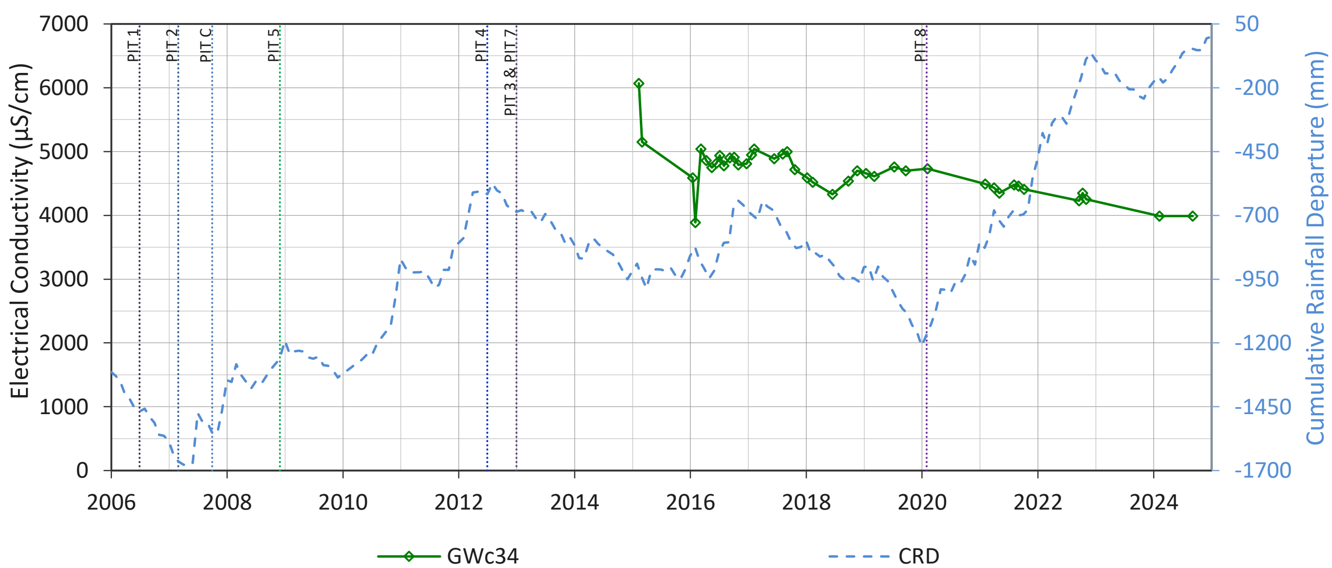

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
418
416
414
412
410
408
406
404
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc27
GWc27_logger
Base of Bore
CRD

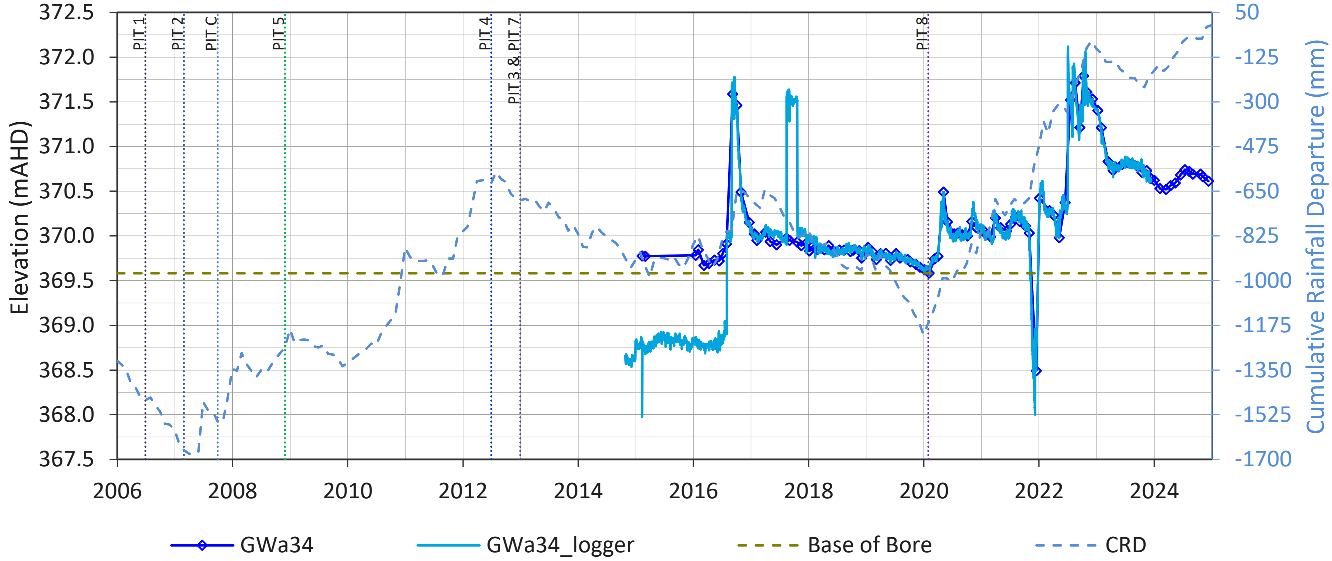

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
9
8
7
6
5
4
3
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc27
CRD

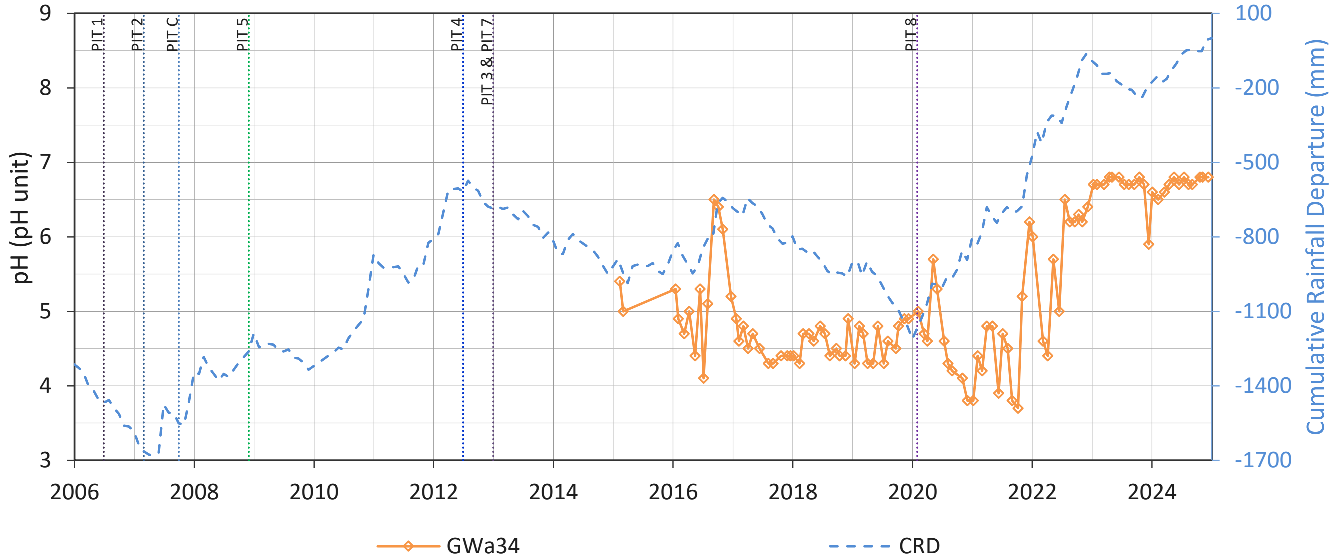

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
2500
2000
1500
1000
500
0
50
-300
-650
-1000
-1350
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc27
CRD

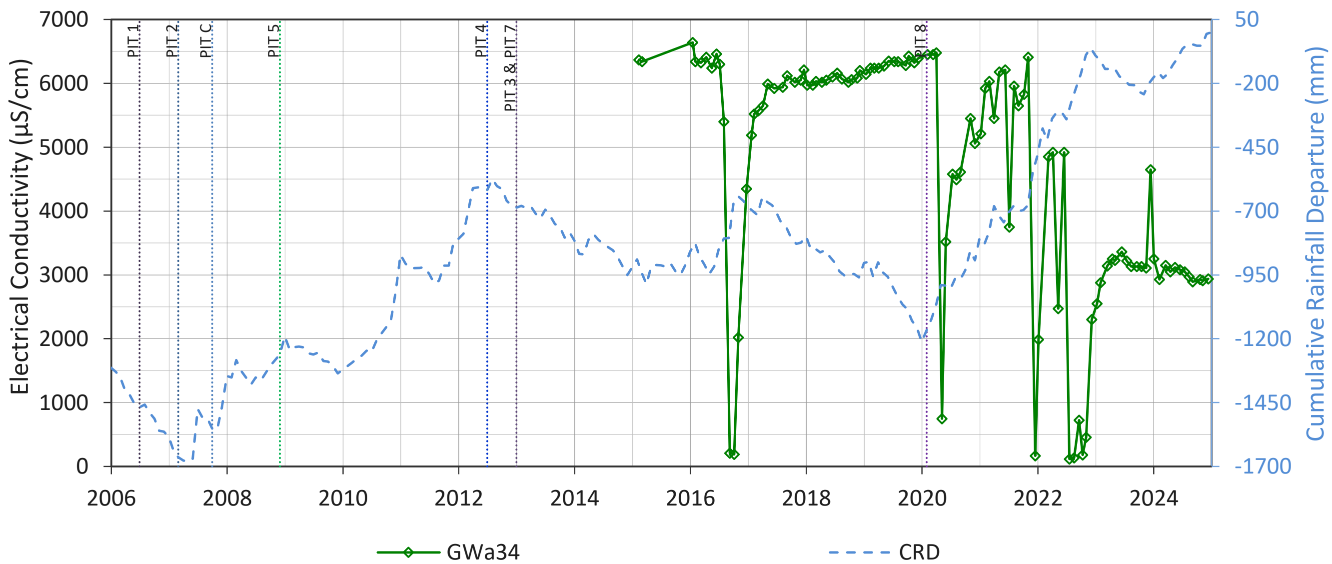

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc34
GWc34_logger
Base of Bore
CRD

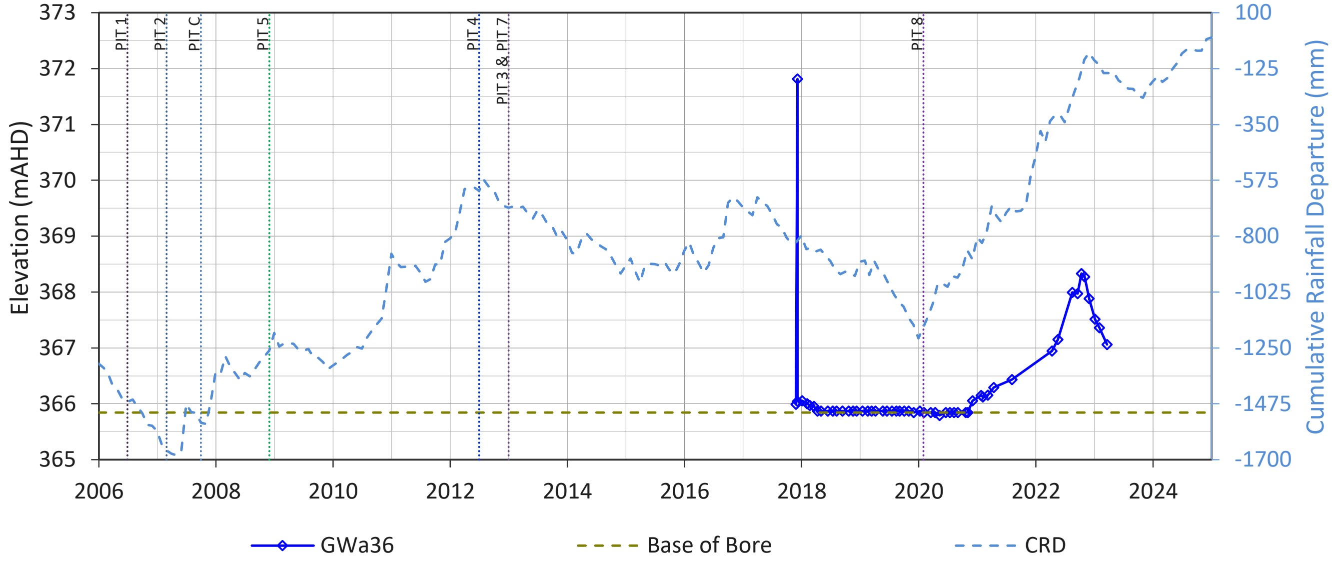

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc34
CRD

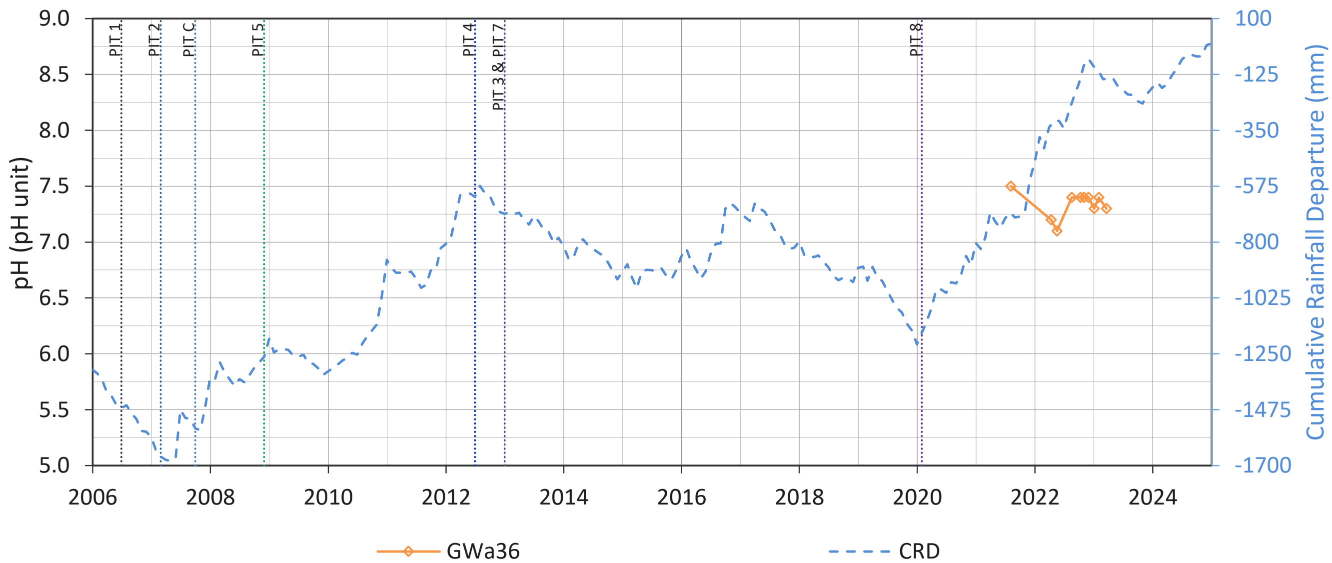

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc34
CRD

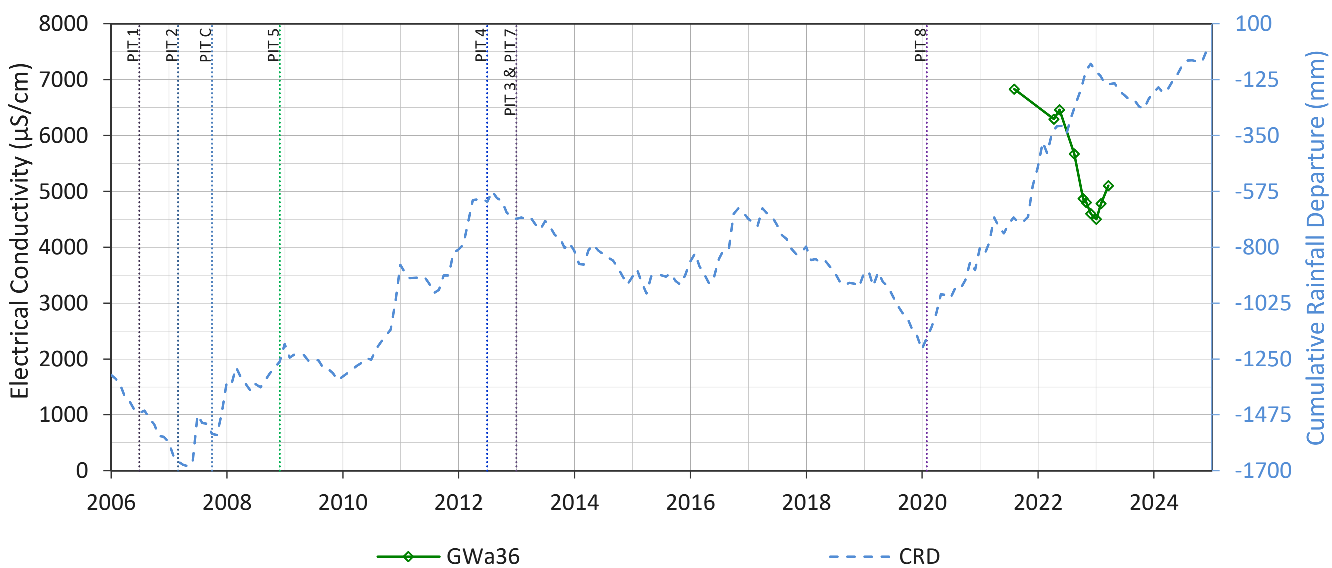

PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa34
GWa34_logger
Base of Bore
CRD

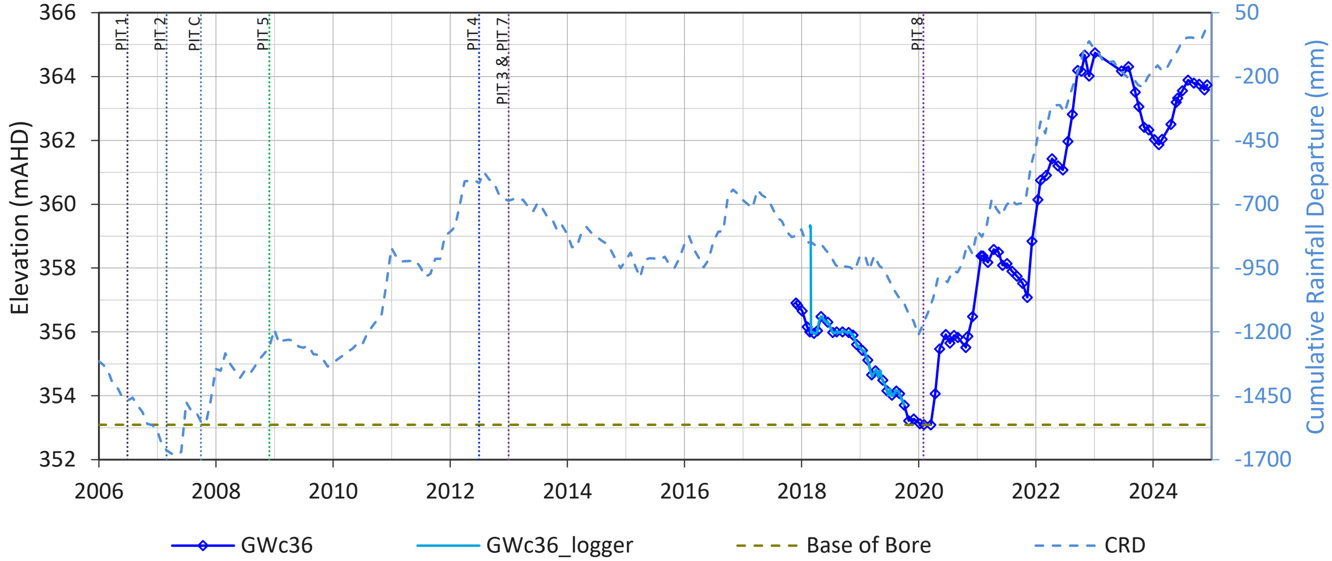

PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa34
CRD


PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa34
CRD

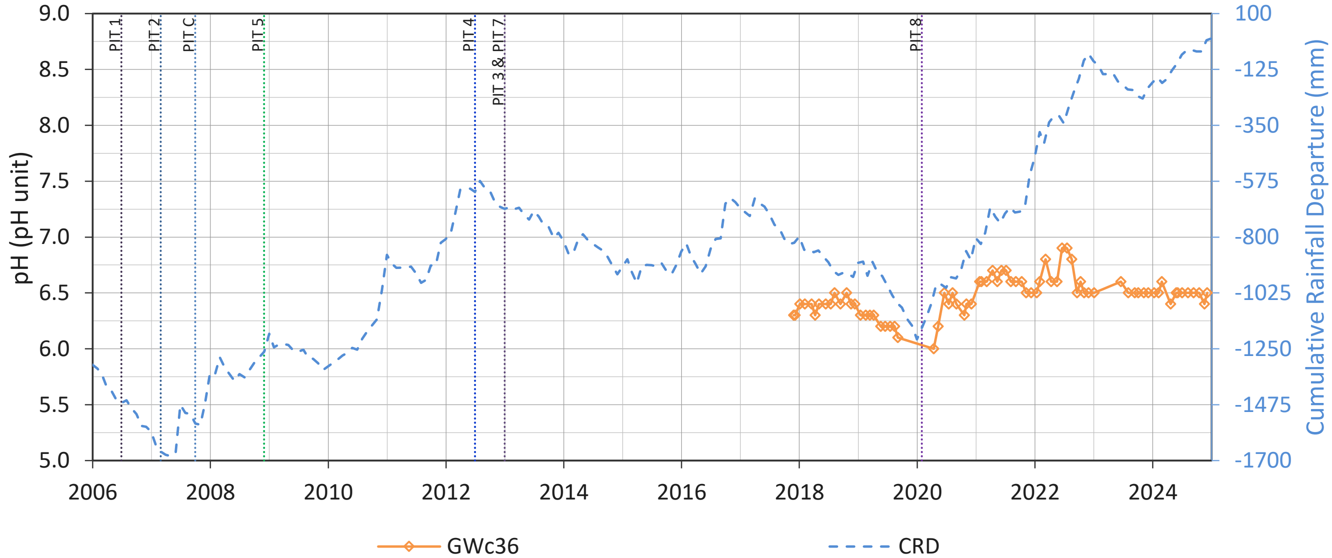

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
Base of Bore
CRD


pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD

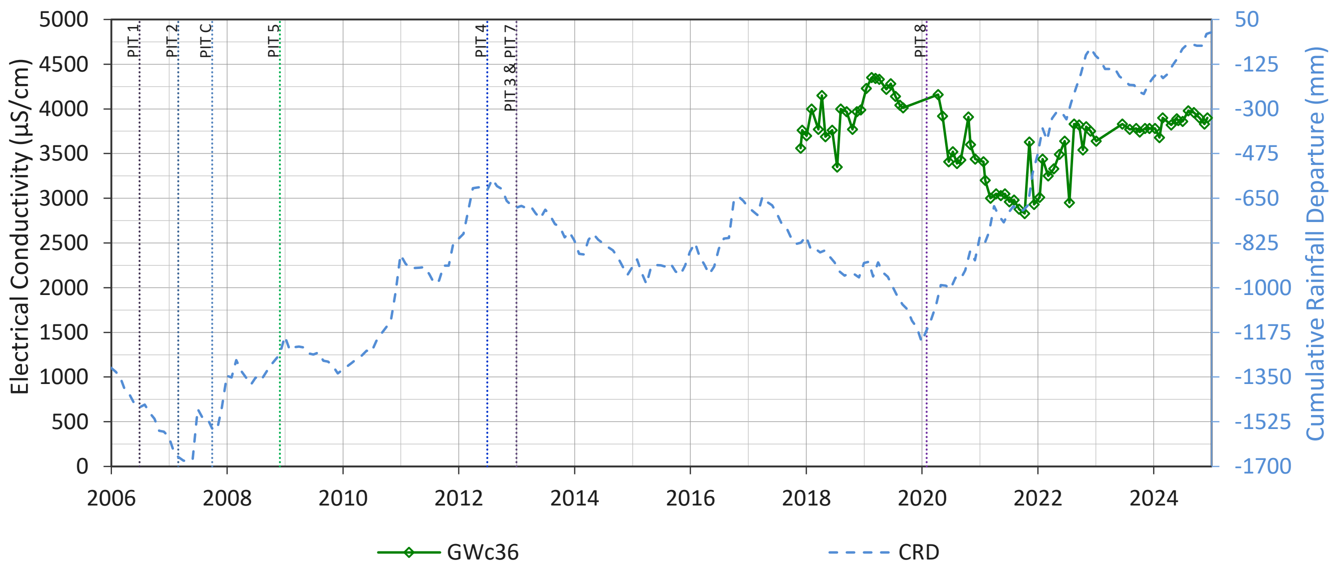

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD



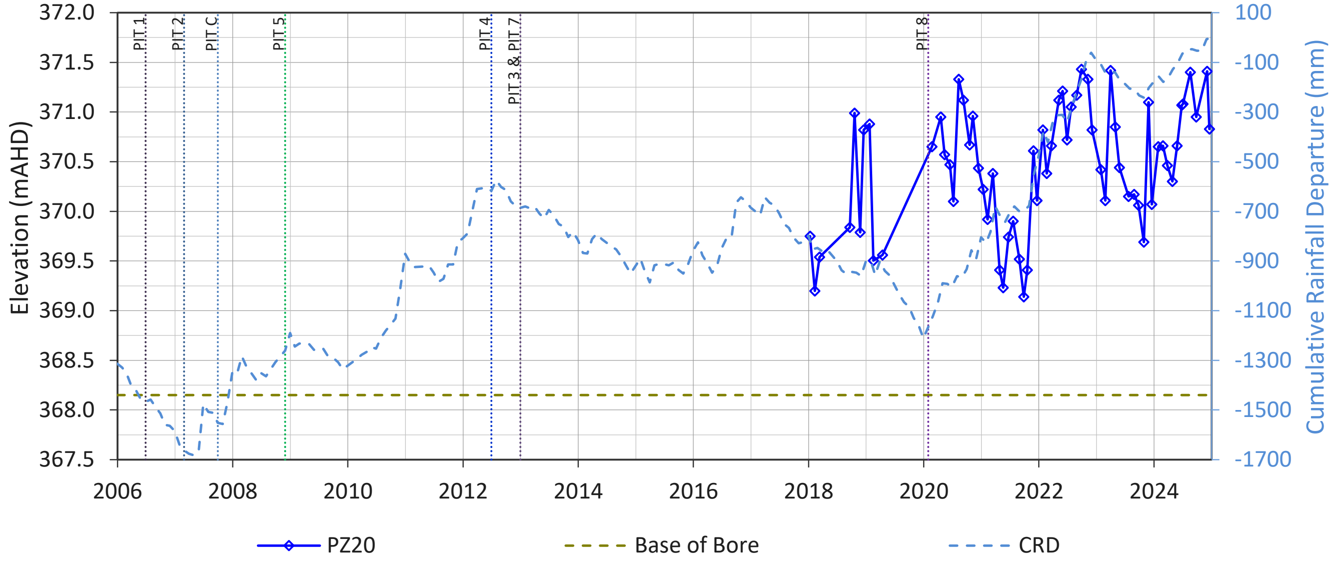
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc36
GWc36_logger
Base of Bore
CRD

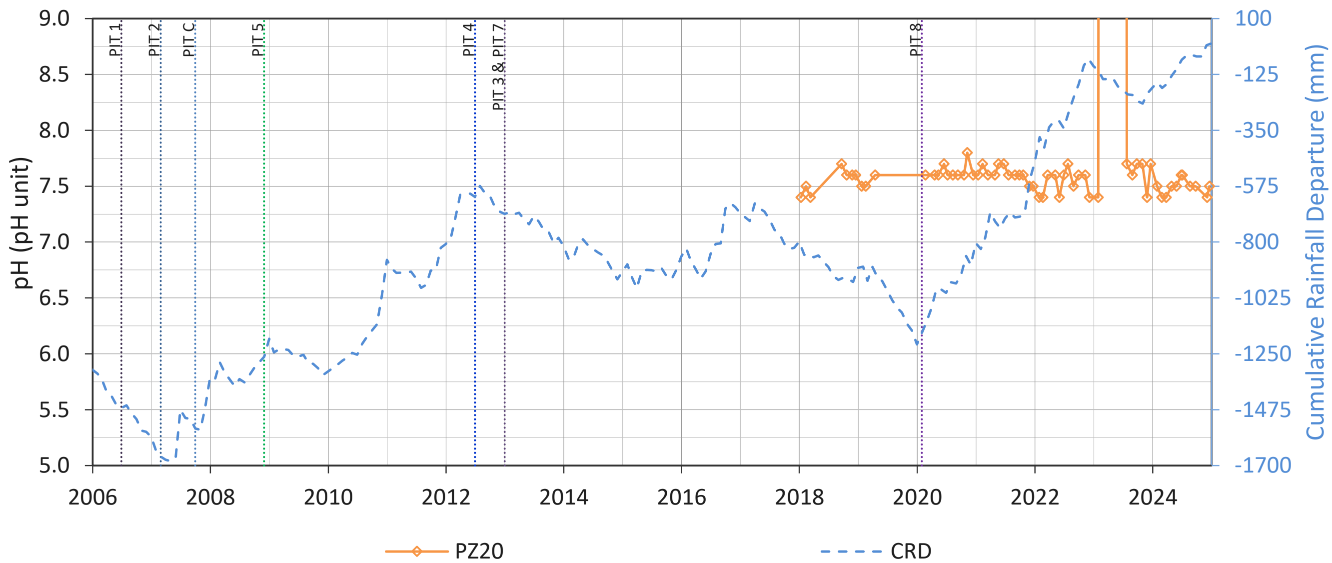



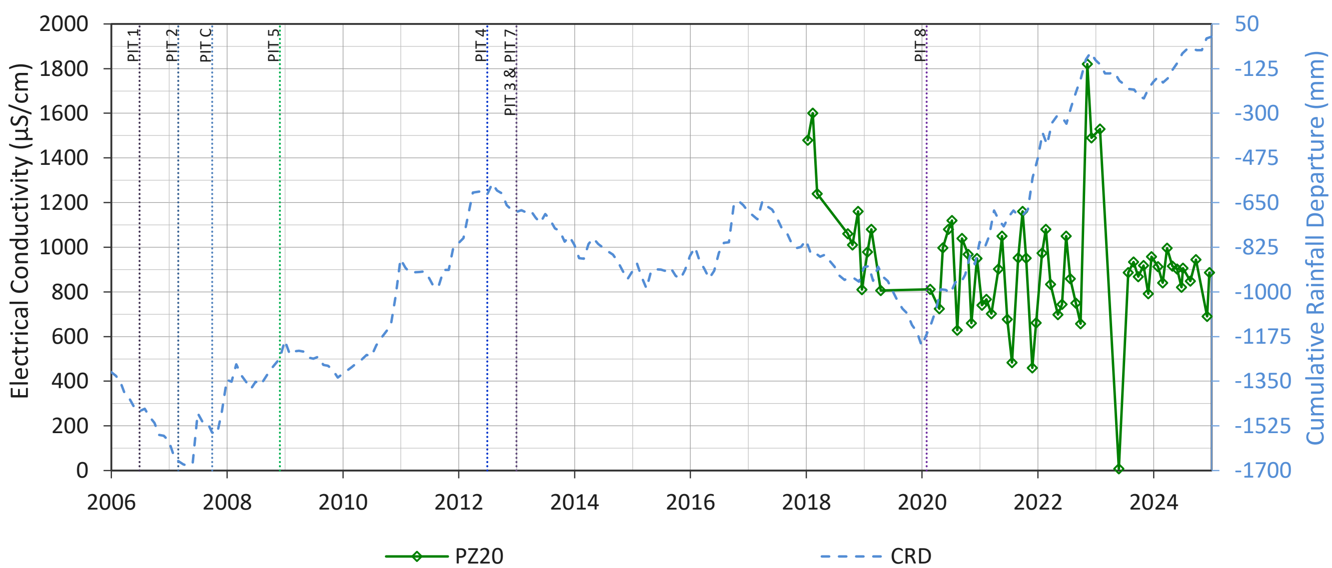
pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc36
CRD

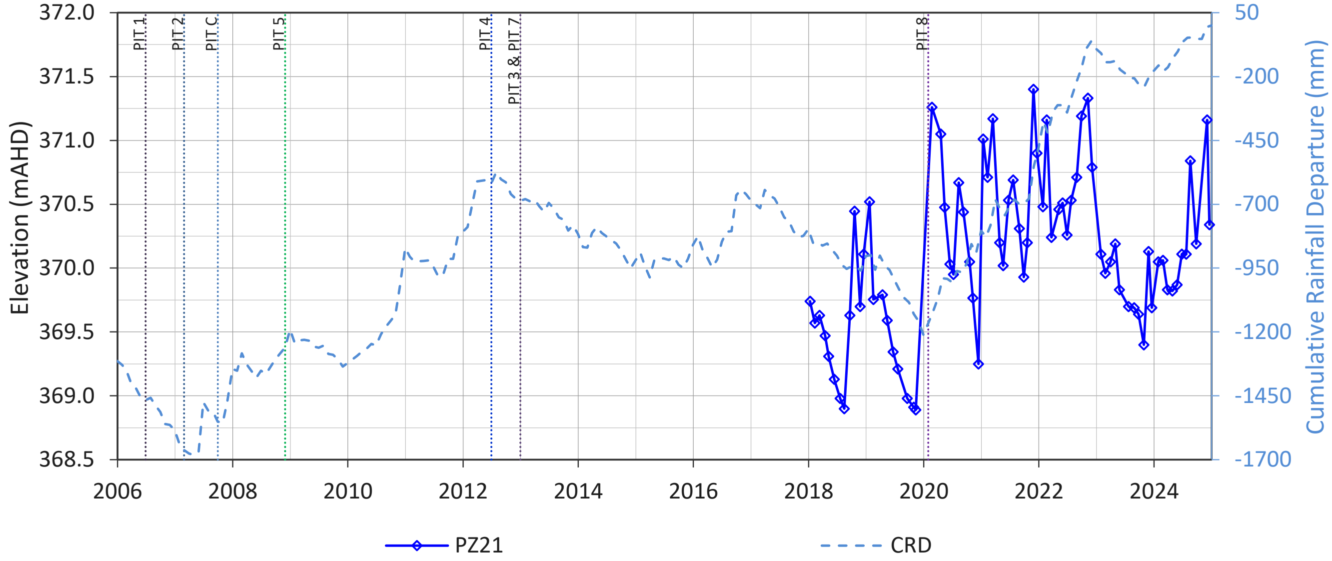



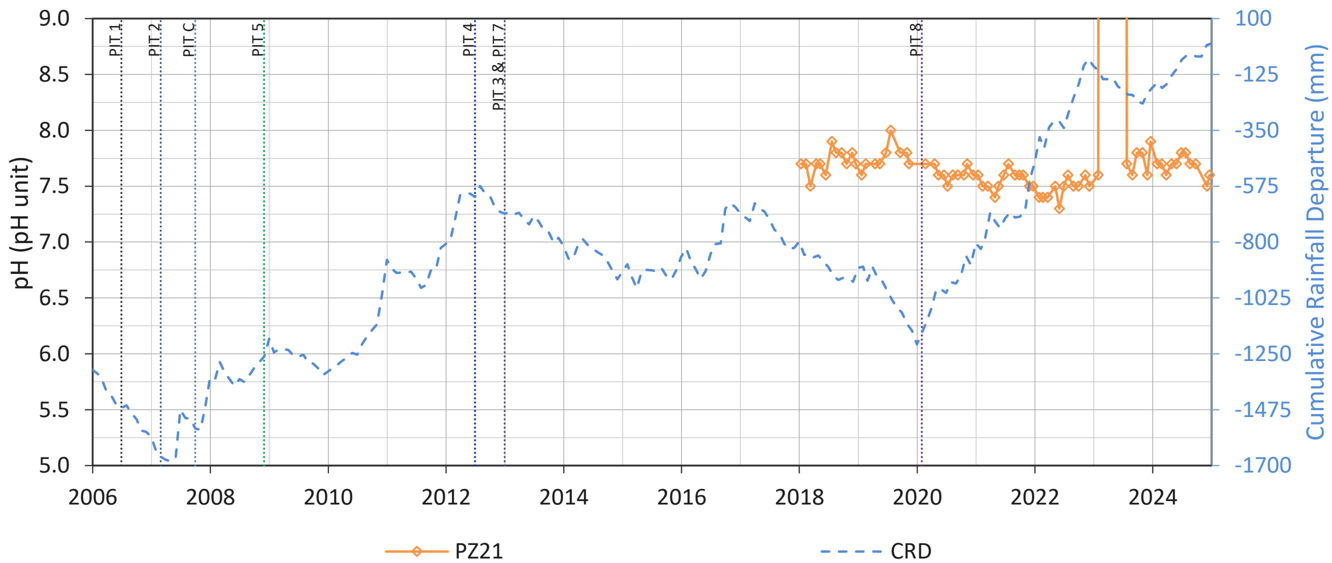
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc36
CRD

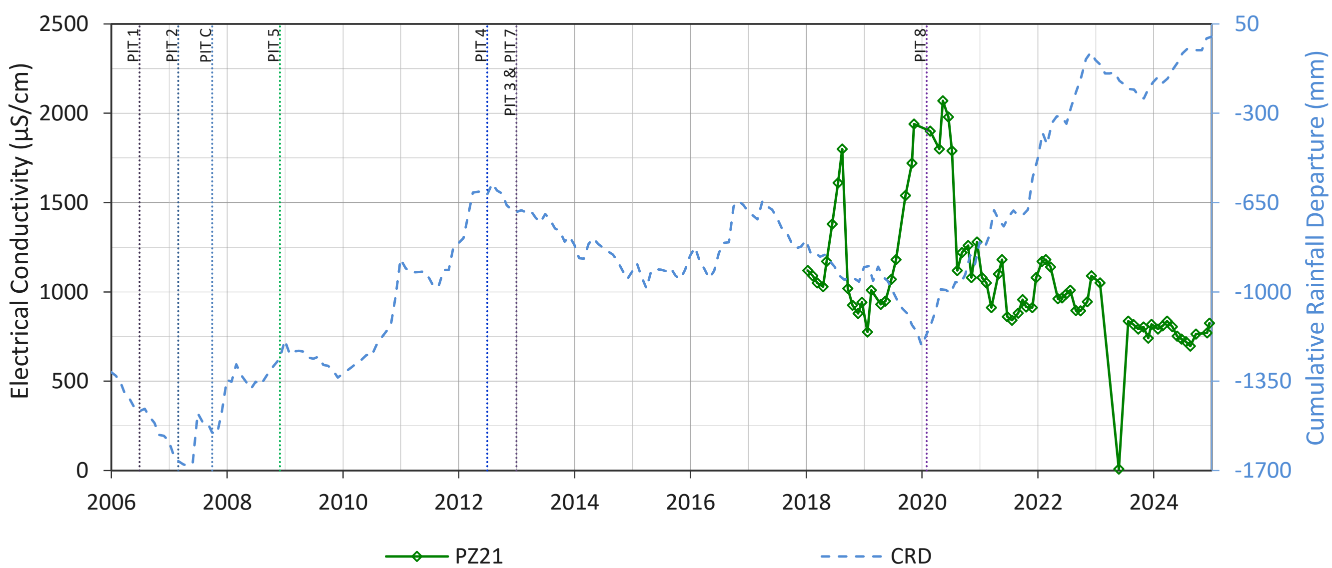

372.0
371.5
371.0
370.5
370.0
369.5
369.0
368.5
368.0
367.5
Elevation (mAHD)
100
-100
-300
-500
-700
-900
-1100
-1300
-1500
-1700
Cumulative Rainfall Departure (mm)
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
PZ20
Base of Bore
CRD

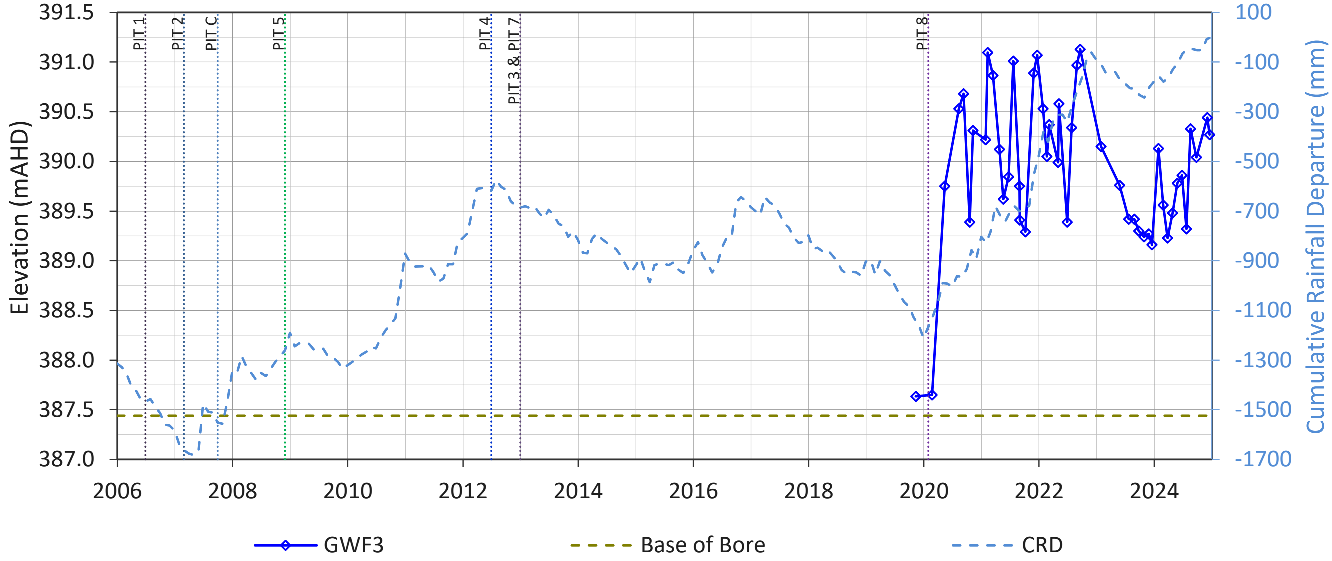

9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
pH (pH unit)
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
Cumulative Rainfall Departure (mm)
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
PZ20
CRD

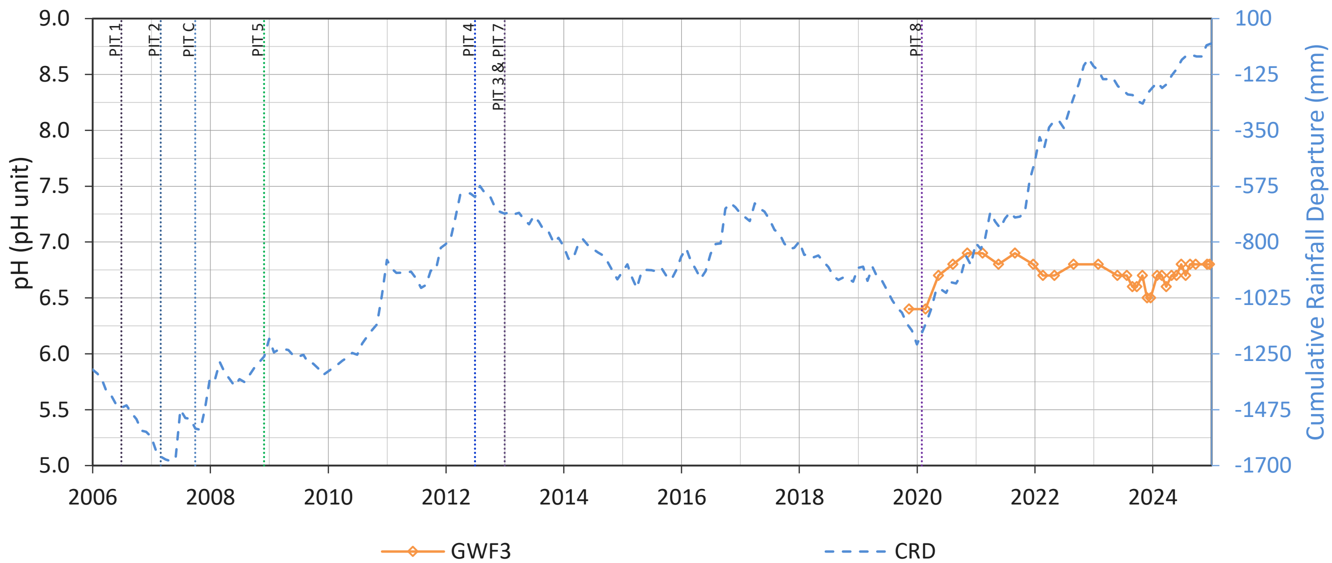

2000
1800
1600
1400
1200
1000
800
600
400
200
0
Electrical Conductivity (µS/cm)
50
-125
-300
-475
-650
-825
-1000
-1175
-1350
-1525
-1700
Cumulative Rainfall Departure (mm)
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
PZ20
CRD

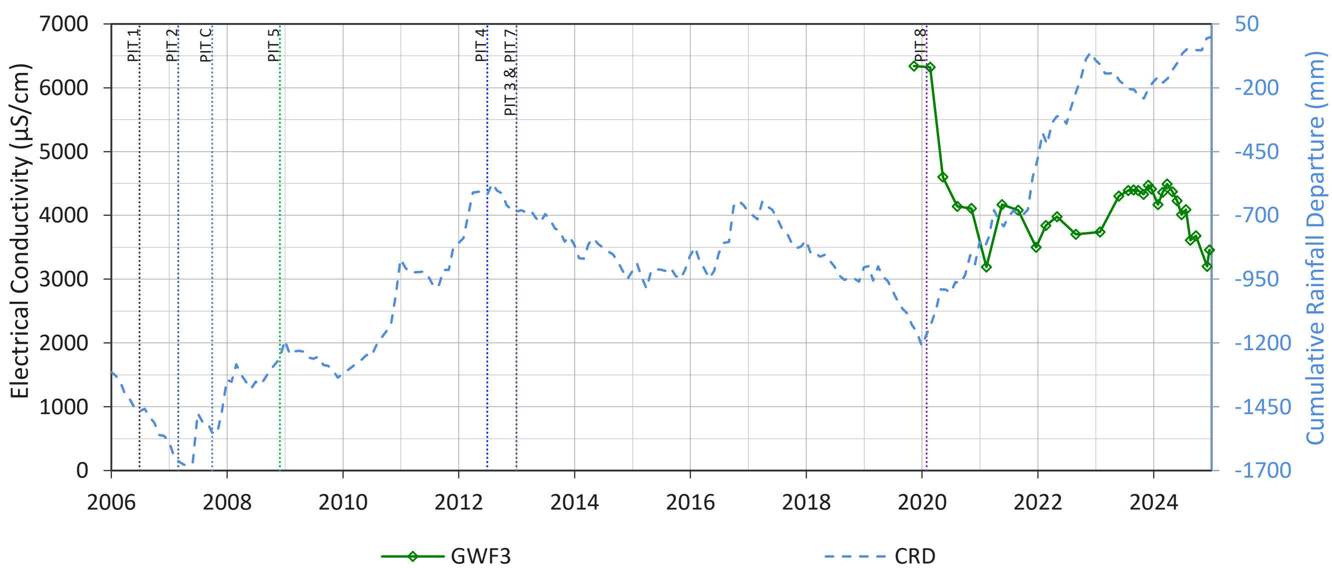

Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
PZ21
CRD

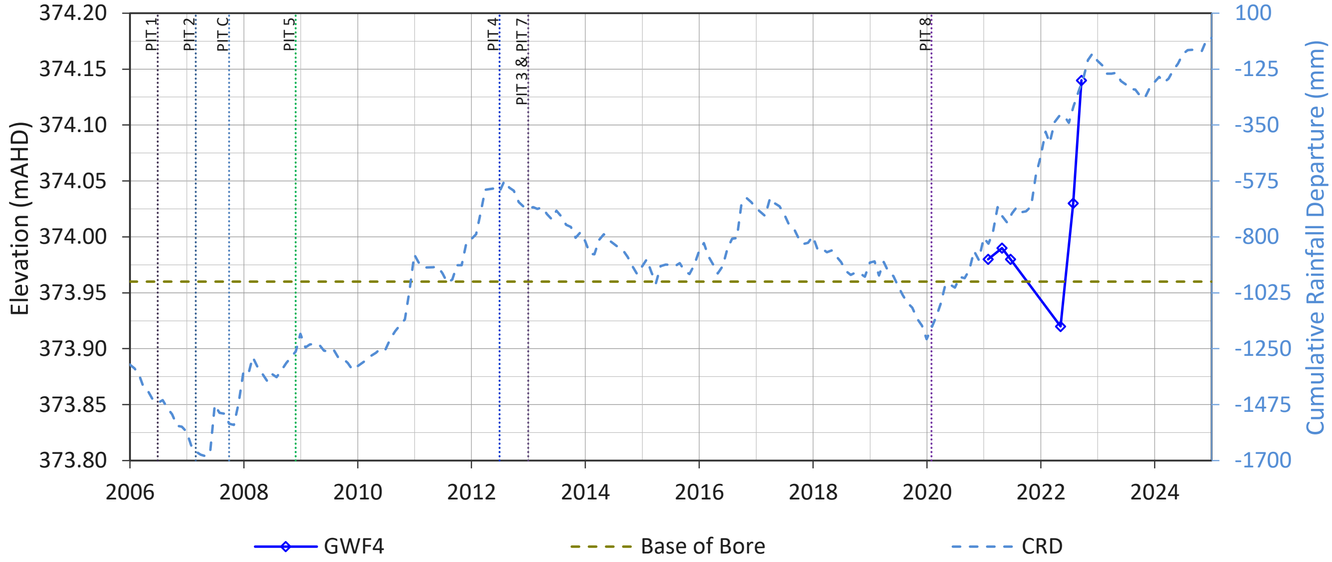

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
PZ21
CRD


Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
PZ21
CRD


Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWF3
Base of Bore
CRD


pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWF3
CRD


Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWF3
CRD

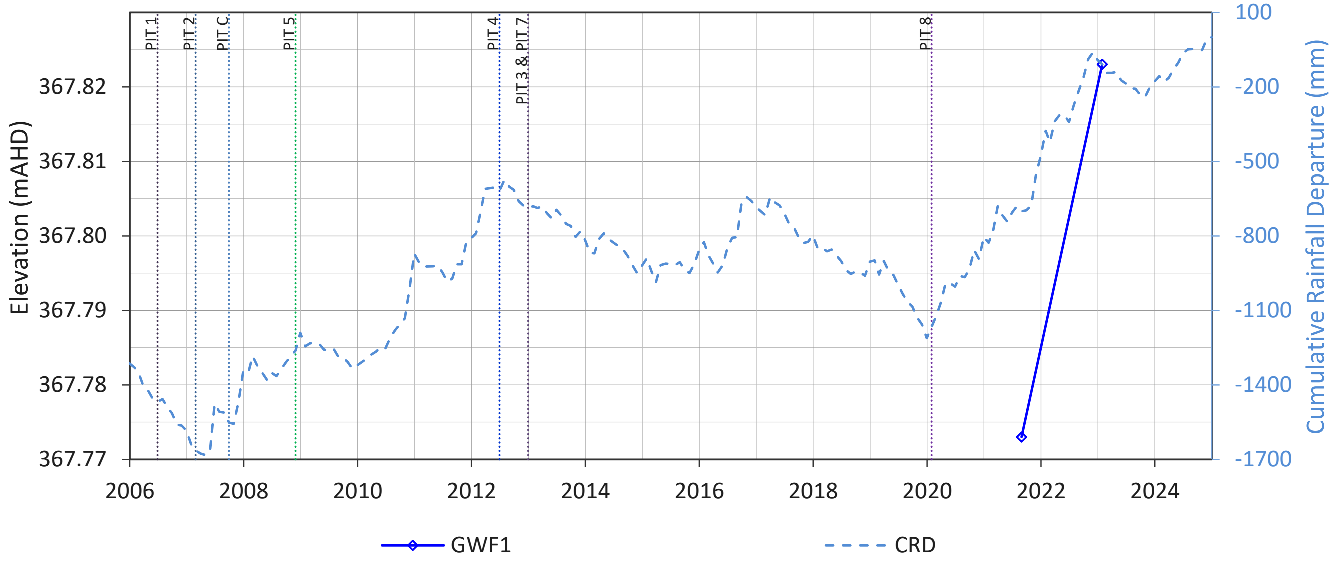



GWF4

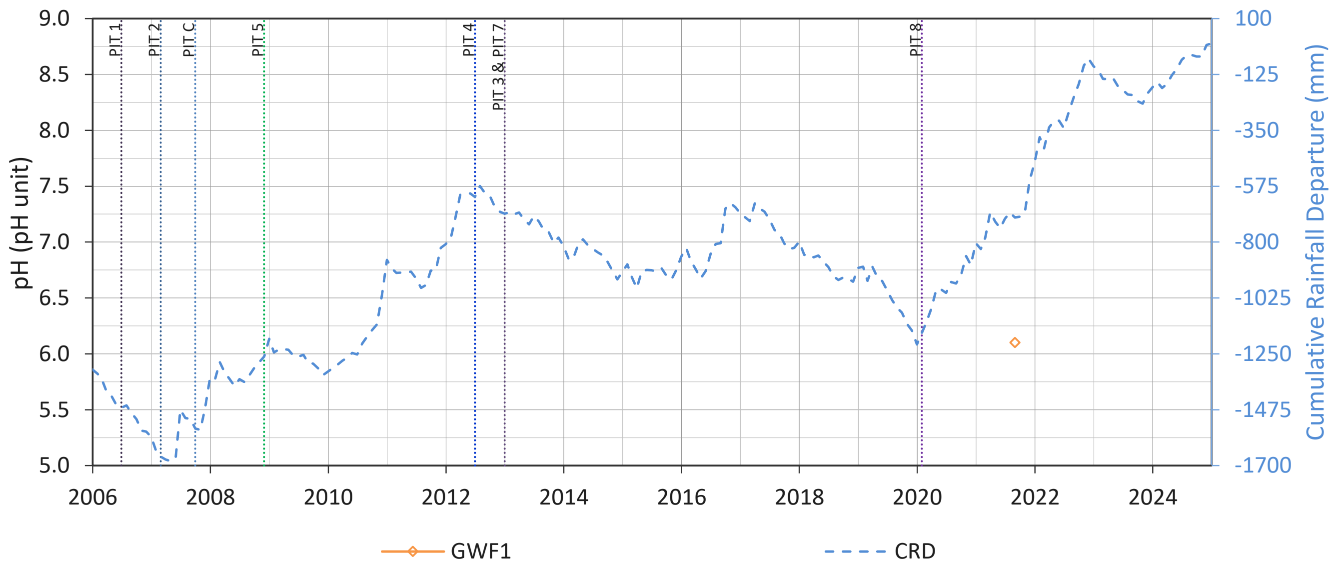
No Data Available for pH (pH unit)

GWF4

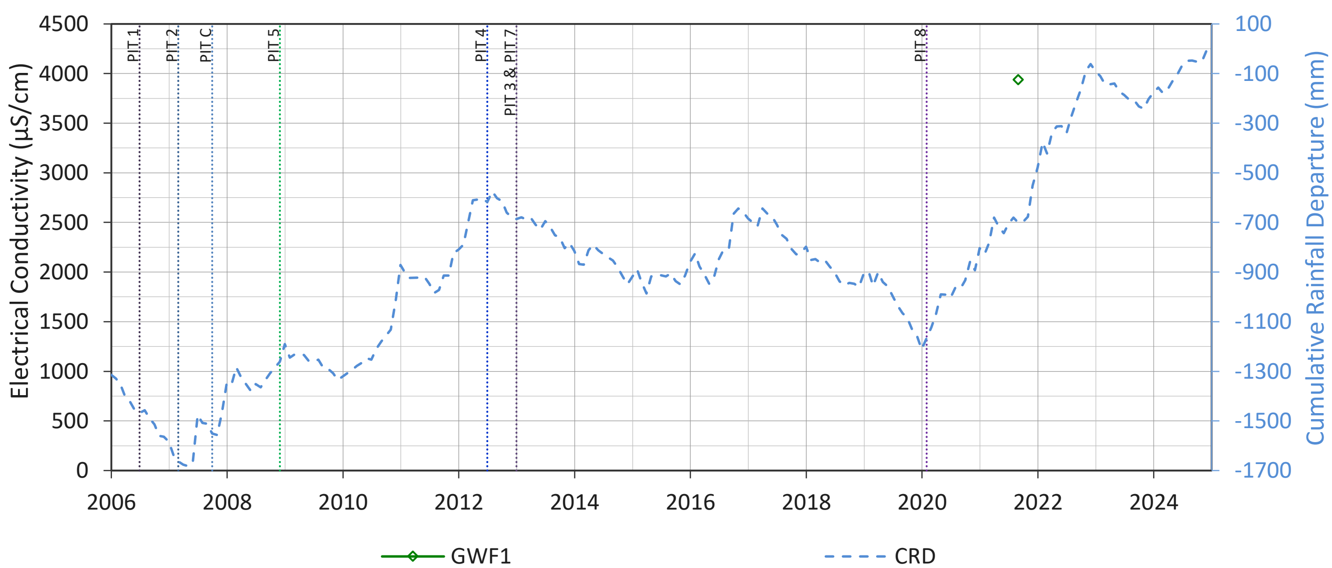
No Data Available for Electrical Conductivity (µS/cm)



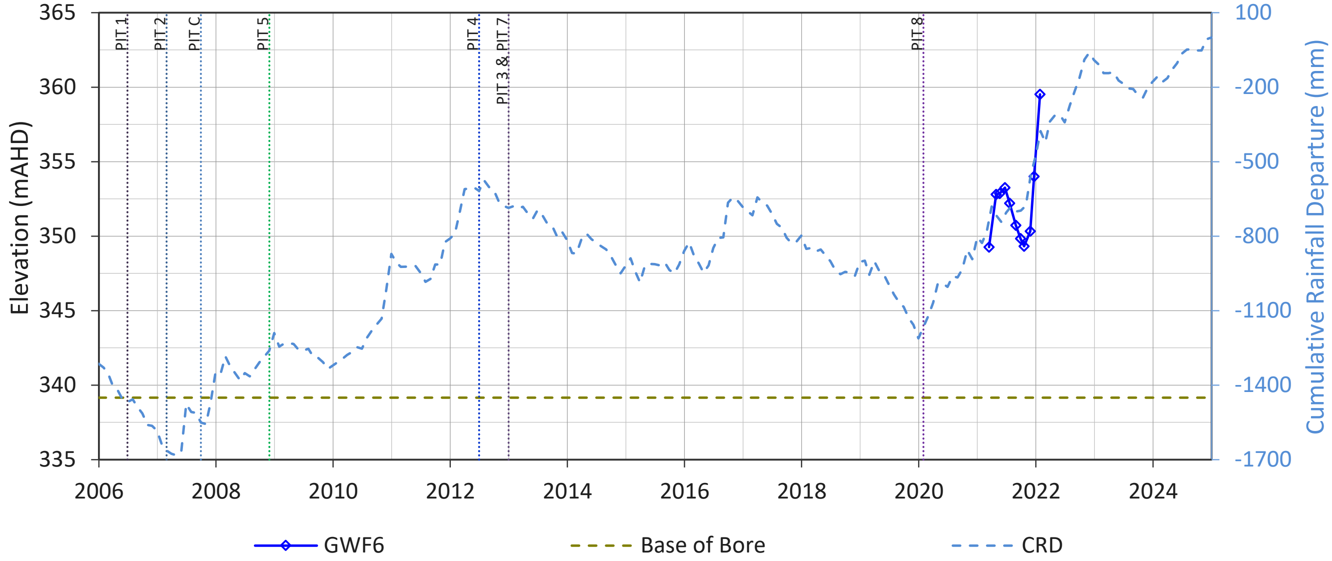
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
367.82
367.81
367.80
367.79
367.78
367.77
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWF1
CRD

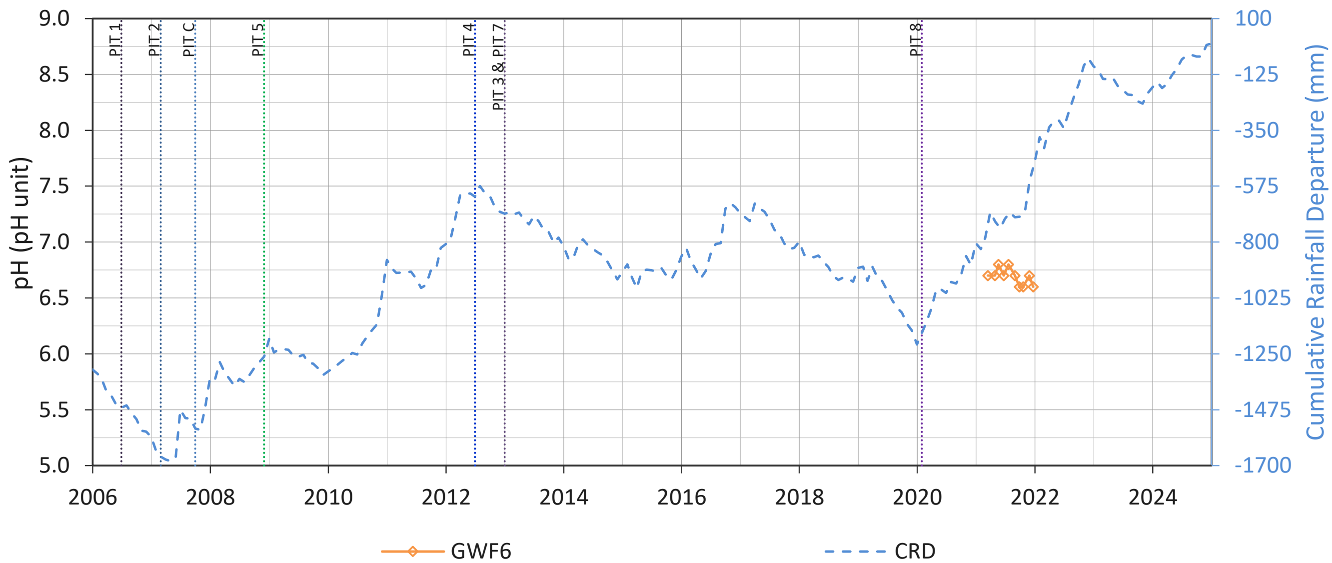
pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWF1
CRD

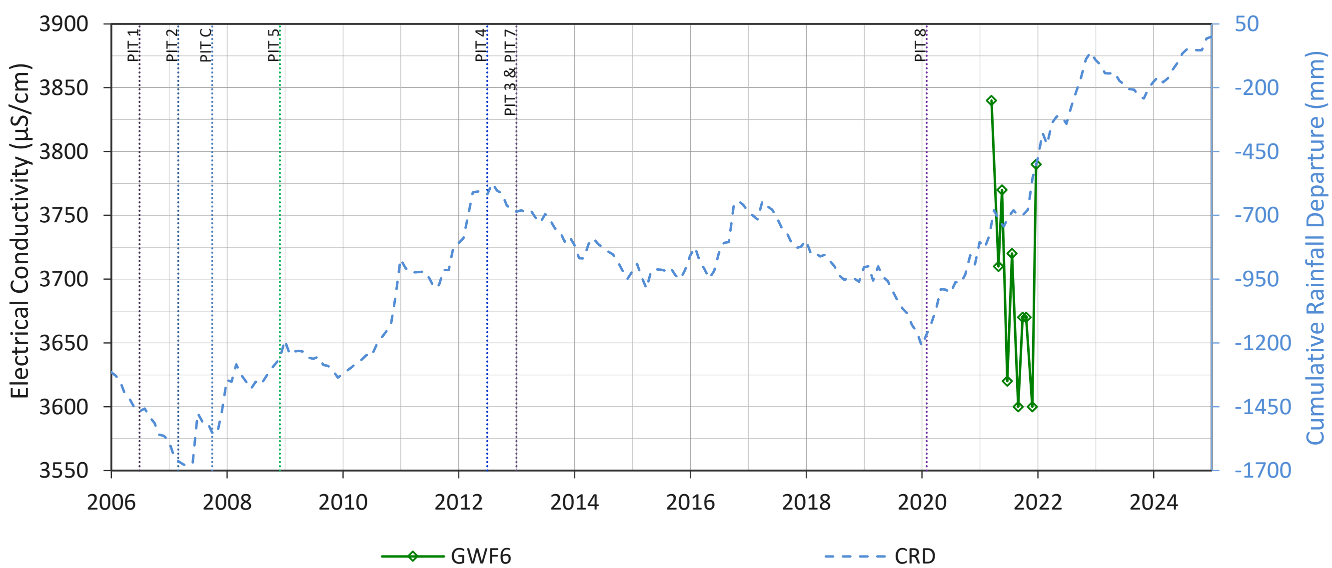
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
4500
4000
3500
3000
2500
2000
1500
1000
500
0
100
-100
-300
-500
-700
-900
-1100
-1300
-1500
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWF1
CRD



Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
365
360
355
350
345
340
335
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWF6
Base of Bore
CRD

pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
9.0
8.5
8.0
7.5
7.0
6.5
6.0
5.5
5.0
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWF6
CRD

Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
3900
3850
3800
3750
3700
3650
3600
3550
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWF6
CRD

# Appendix C Metal Species and Major Ion Charts

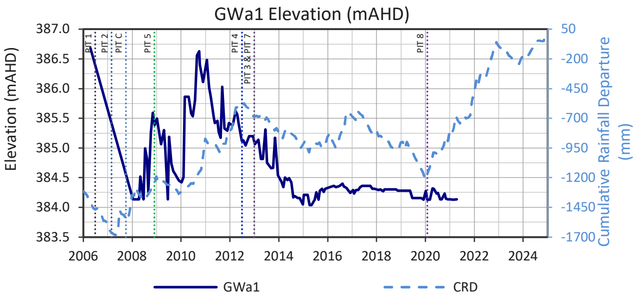
## Annual Review – Wilpinjong Coal MineAnnual Review – Wilpinjong Coal Mine

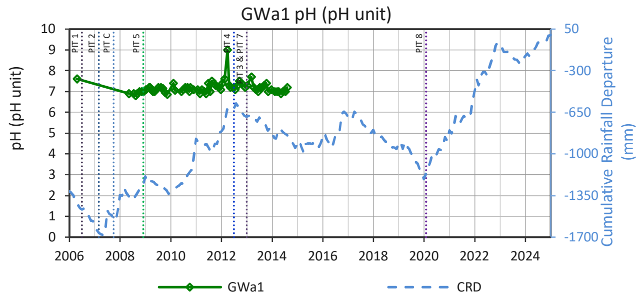
### 2024 Groundwater Compliance

**Wilpinjong Coal Mine**

SLR Project No.: 665.v10014.02417

13 February 2025




GWa1

No Data Available for Aluminium mg/L

GWa1

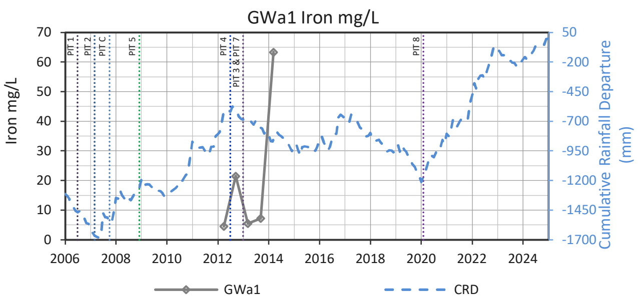
No Data Available for Arsenic mg/L

GWa1

No Data Available for Barium mg/L

GWa1

No Data Available for Copper mg/L




GWa1

No Data Available for Lead mg/L

GWa1

No Data Available for Manganese mg/L

GWa1

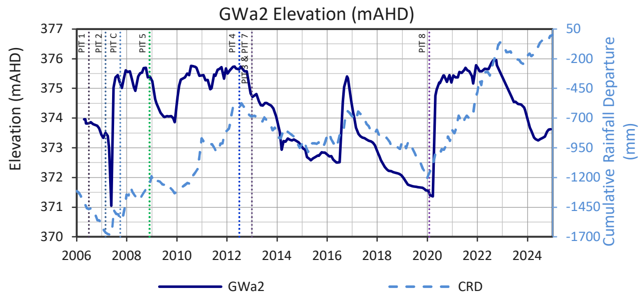
No Data Available for Nickel mg/L

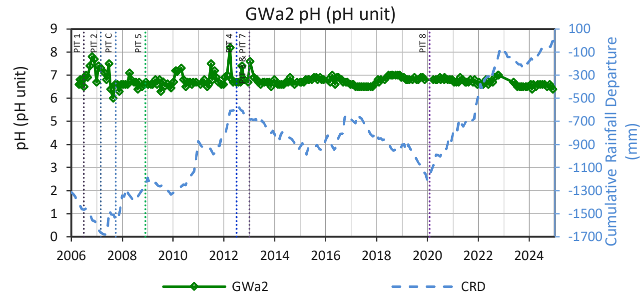
GWa1

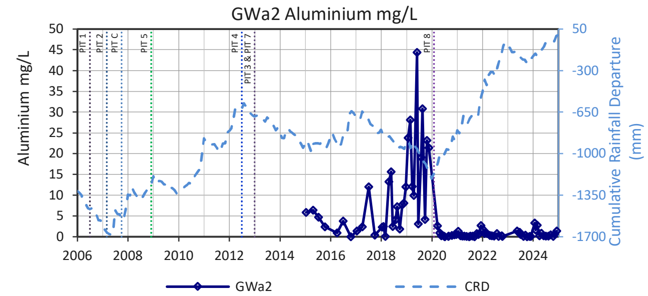
No Data Available for Strontium mg/L

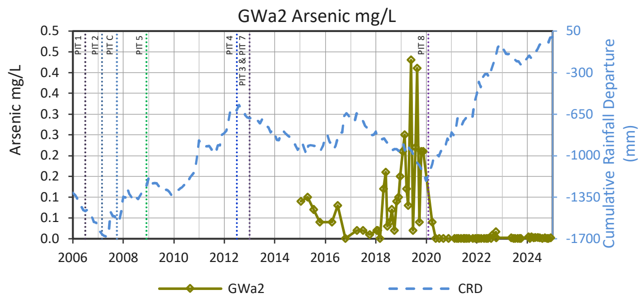
GWa1

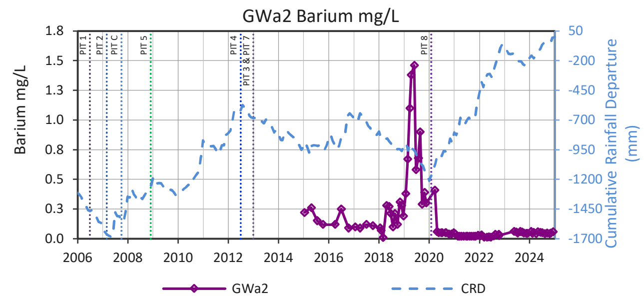
No Data Available for Molybdenum mg/L

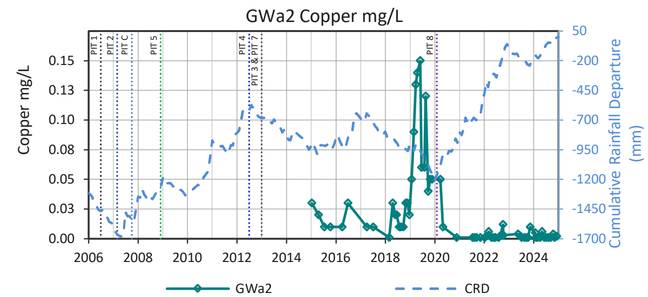

GWa2 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa2
CRD

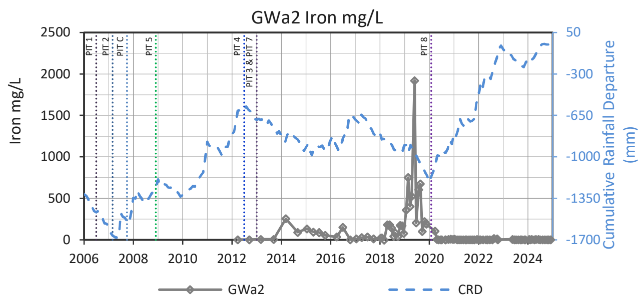

GWa2 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa2
CRD

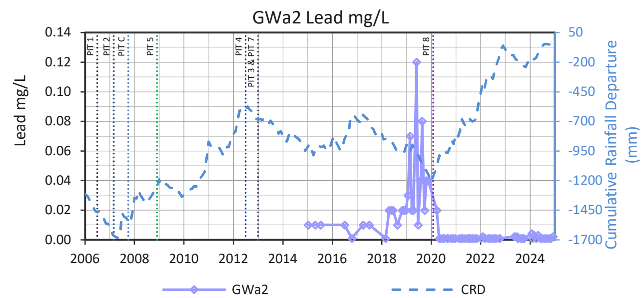

GWa2 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

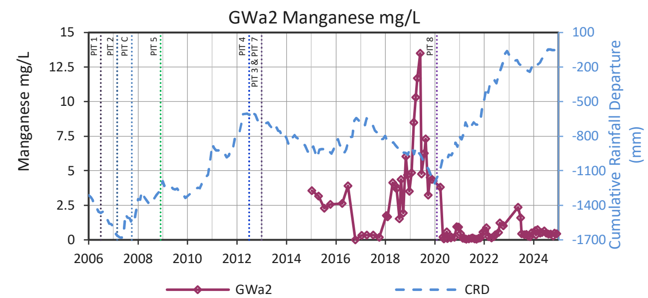

GWa2 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

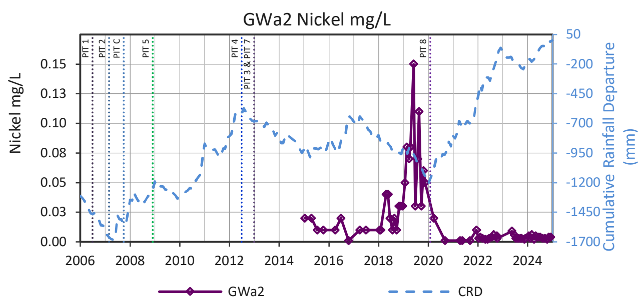

GWa2 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

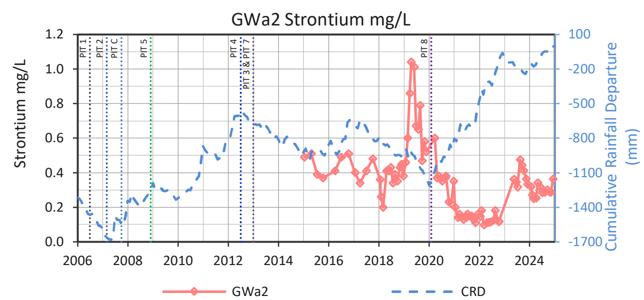

GWa2 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

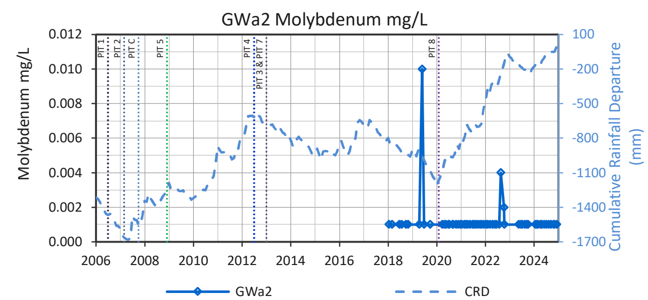

GWa2 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

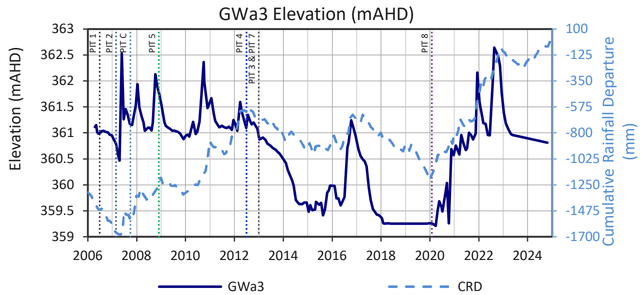

GWa2 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

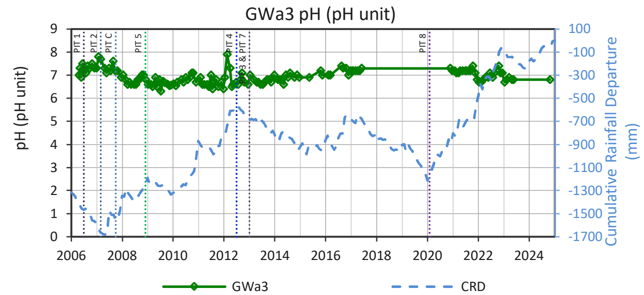

GWa2 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

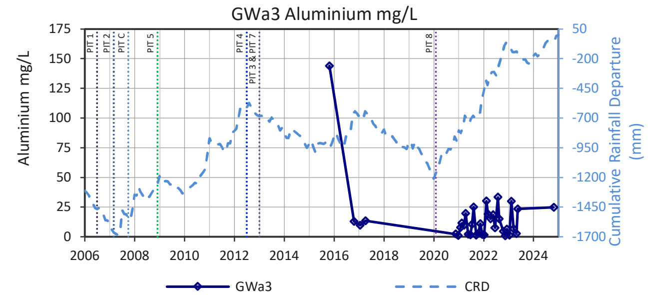

GWa2 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

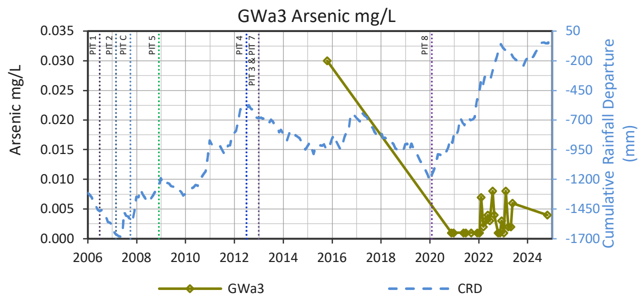

GWa2 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

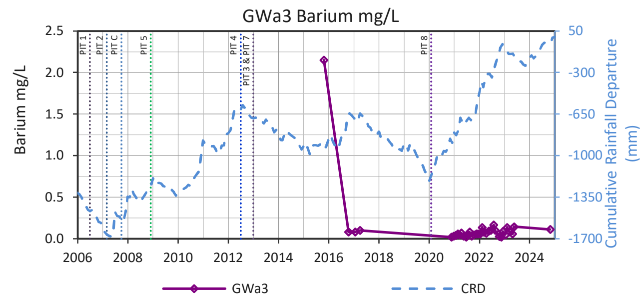

GWa2 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

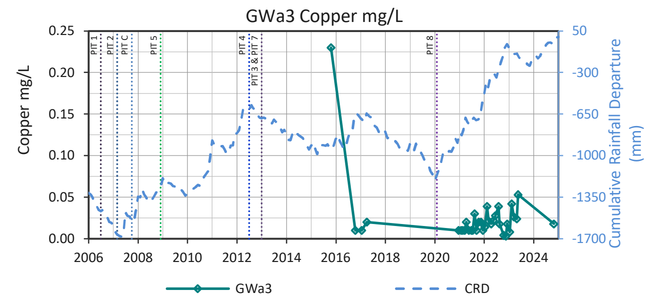

GWa3 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa3
CRD

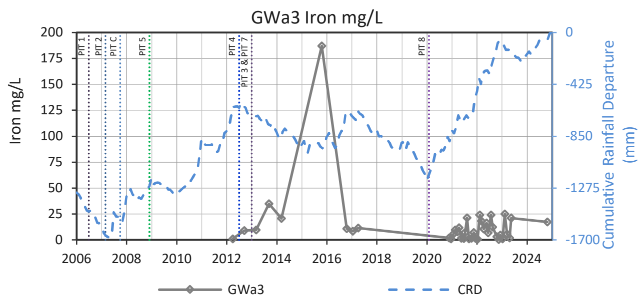

GWa3 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa3
CRD

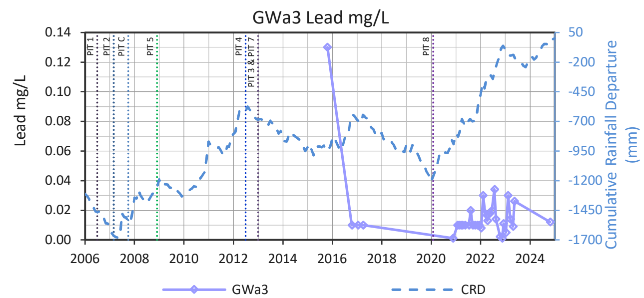

GWa3 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

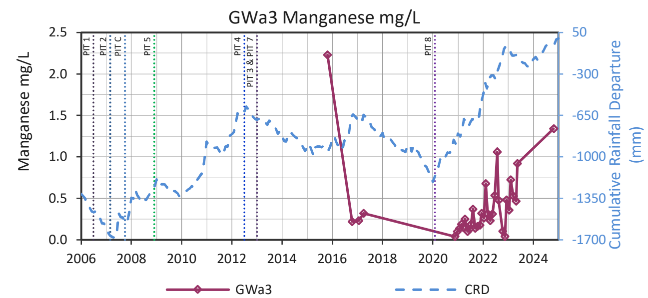

GWa3 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

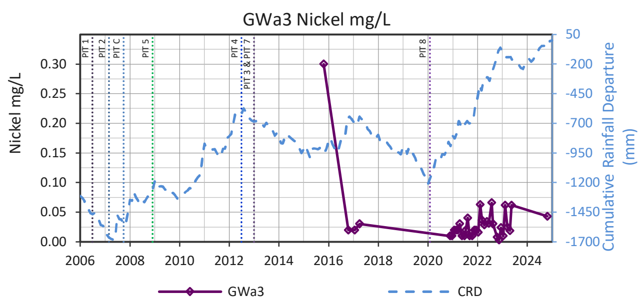

GWa3 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

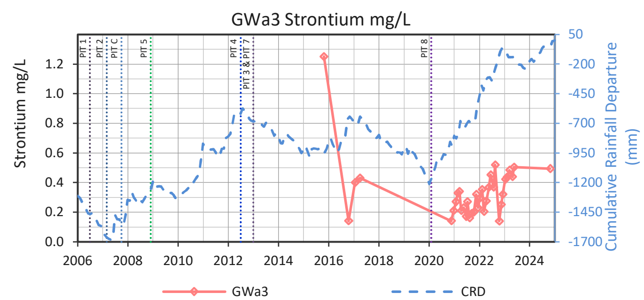

GWa3 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

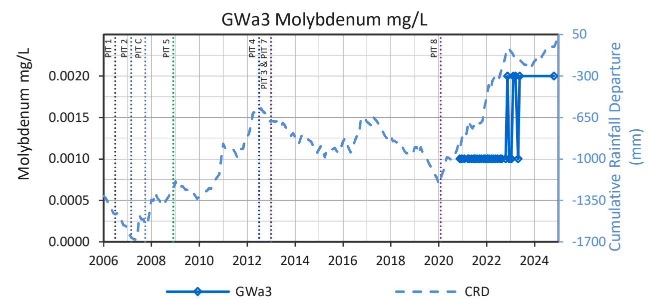

GWa3 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

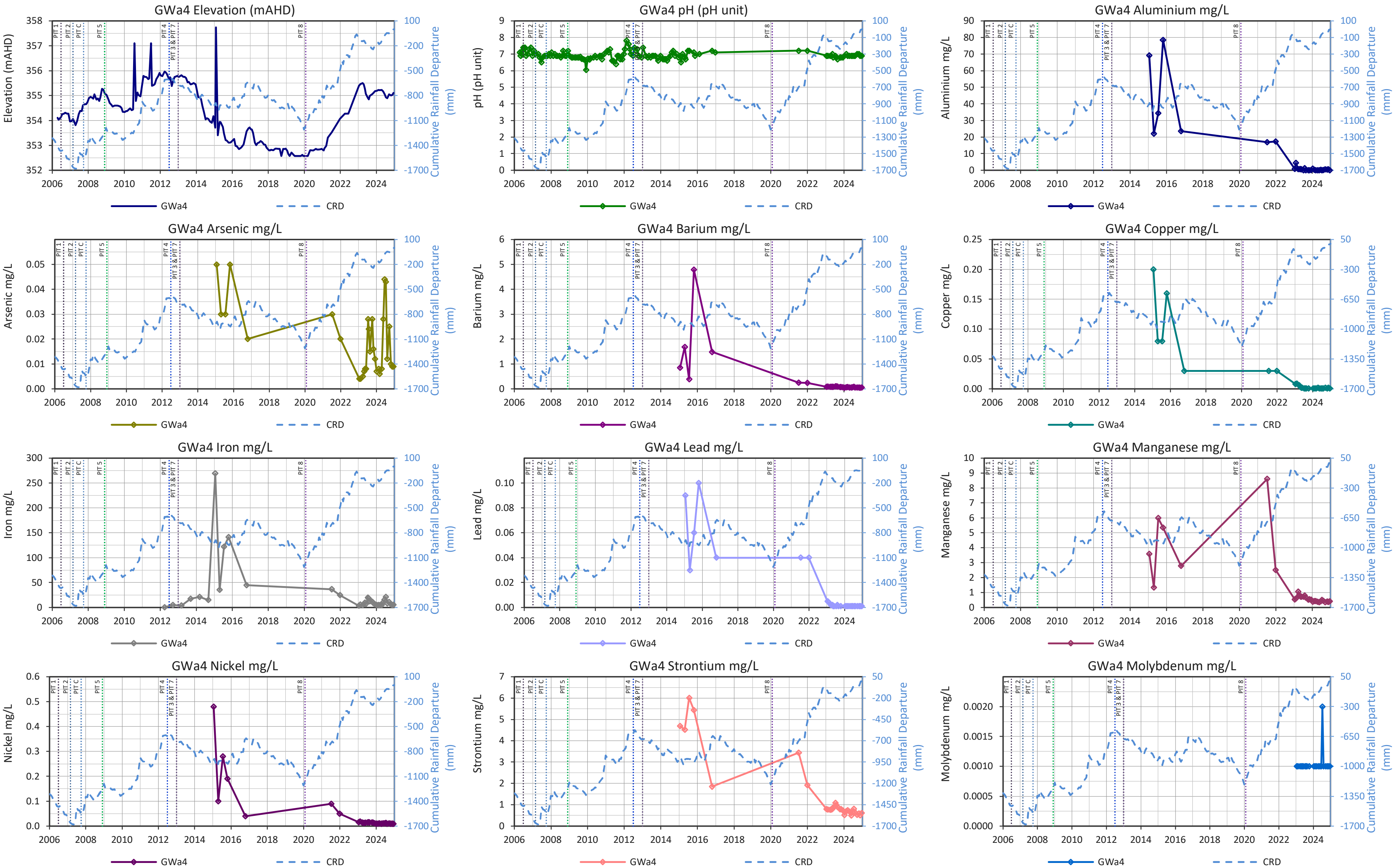

GWa3 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

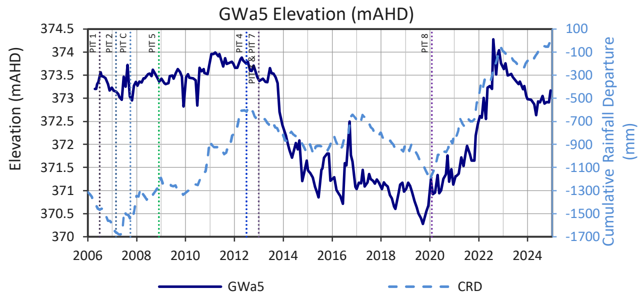

GWa3 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

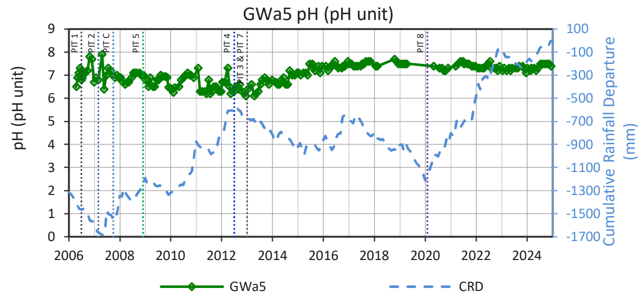

GWa3 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

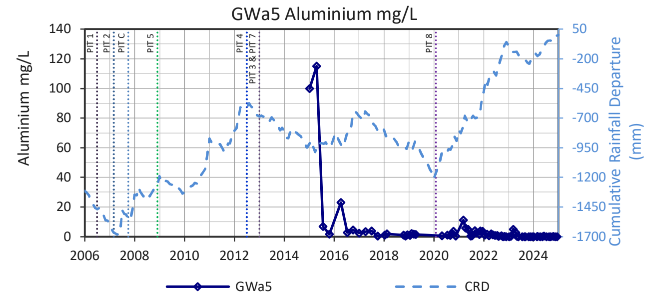

GWa3 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

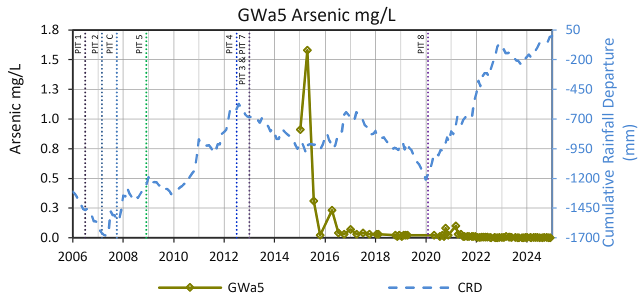

GWa3 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

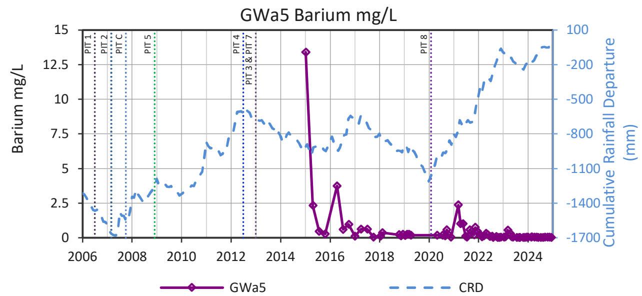

GWa4 Elevation (mAHD)
GWa4 pH (pH unit)
GWa4 Aluminium mg/L
GWa4 Arsenic mg/L
GWa4 Barium mg/L
GWa4 Copper mg/L
GWa4 Iron mg/L
GWa4 Lead mg/L
GWa4 Manganese mg/L
GWa4 Nickel mg/L
GWa4 Strontium mg/L
GWa4 Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa4
CRD
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8

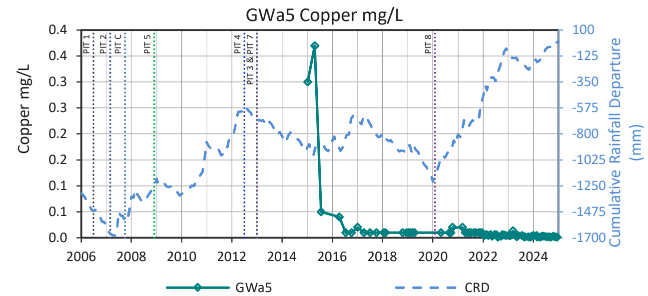

GWa5 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa5
CRD

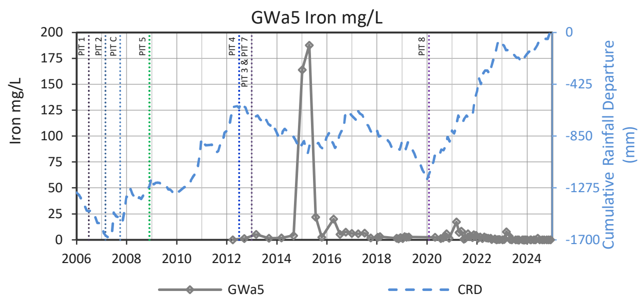

GWa5 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa5
CRD

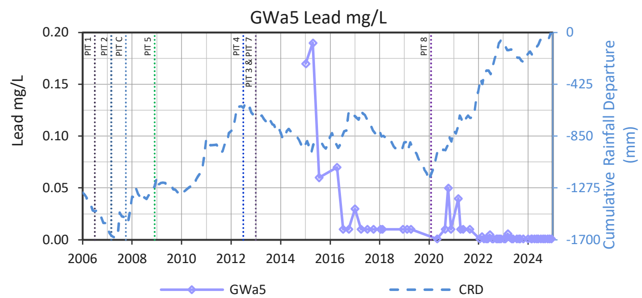

GWa5 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

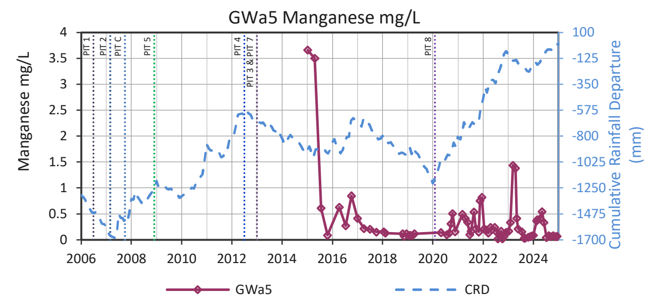

GWa5 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

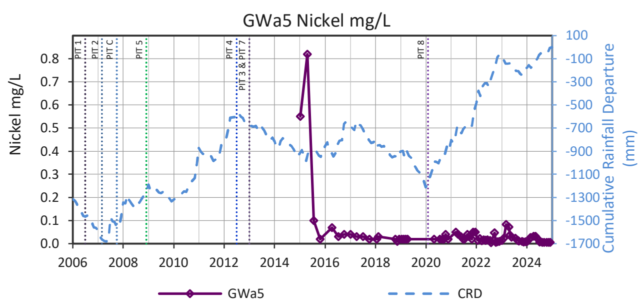

GWa5 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

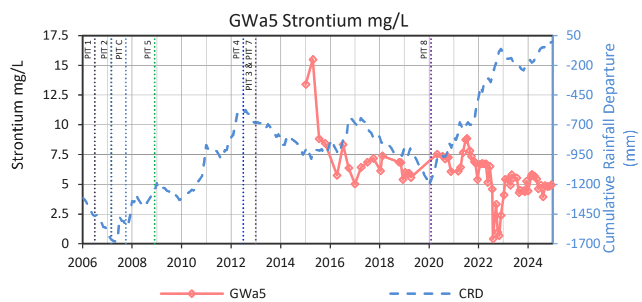

GWa5 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

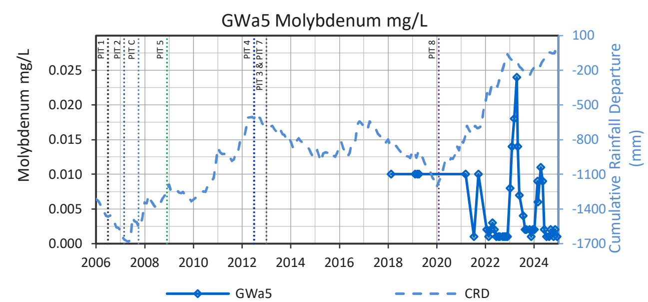

GWa5 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

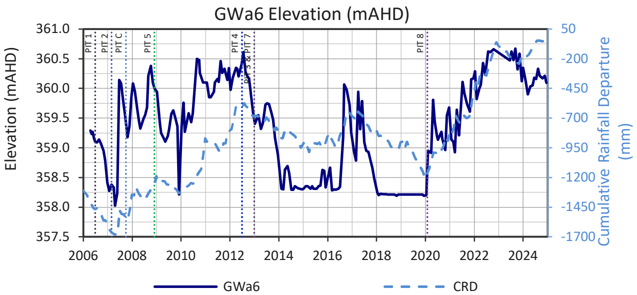

GWa5 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

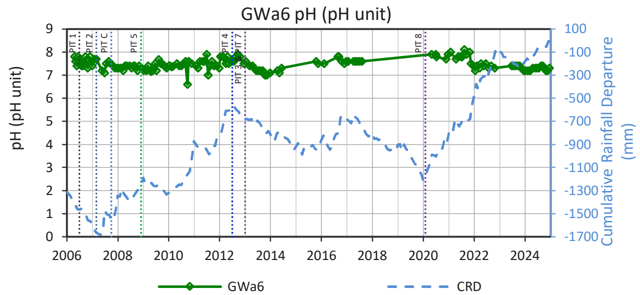

GWa5 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

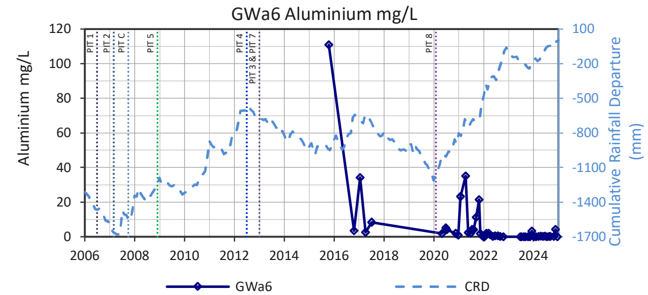

GWa5 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

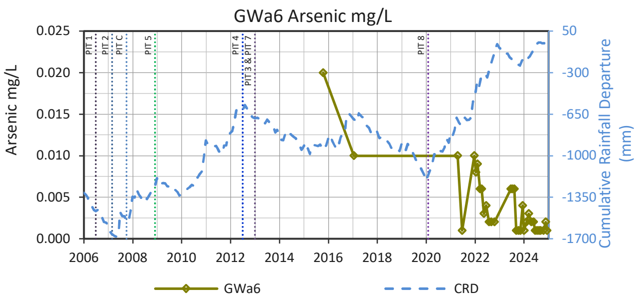

GWa5 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

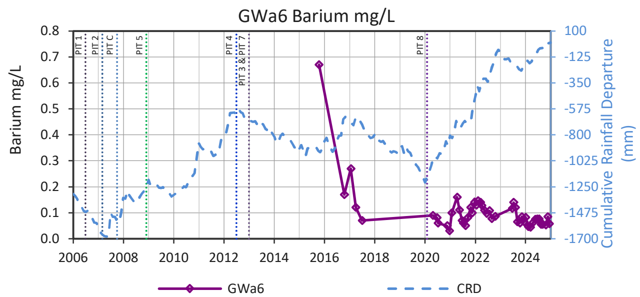

GWa5 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

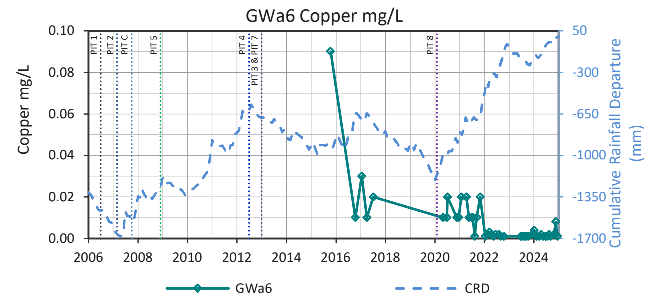

GWa6 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa6
CRD

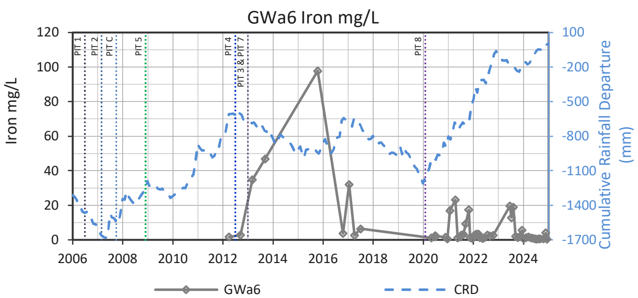

GWa6 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa6
CRD

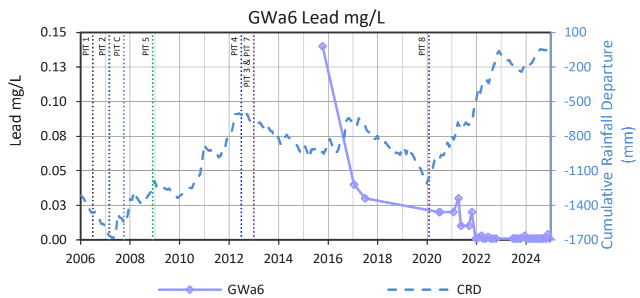

GWa6 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

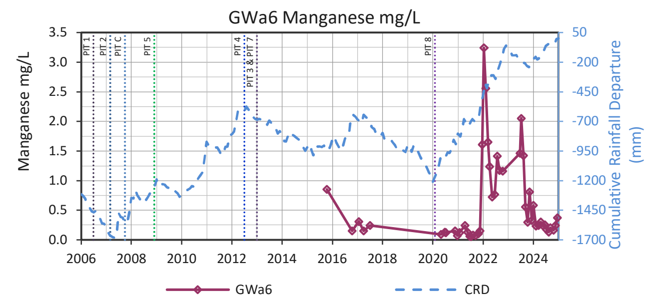

GWa6 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

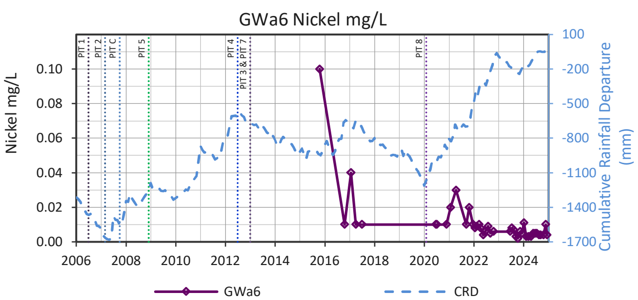

GWa6 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

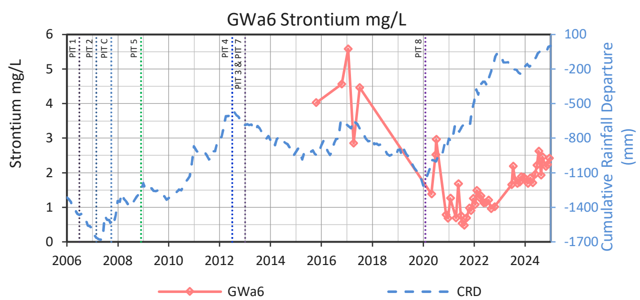

GWa6 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

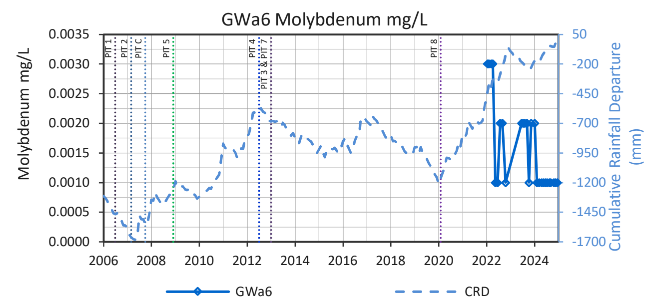

GWa6 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

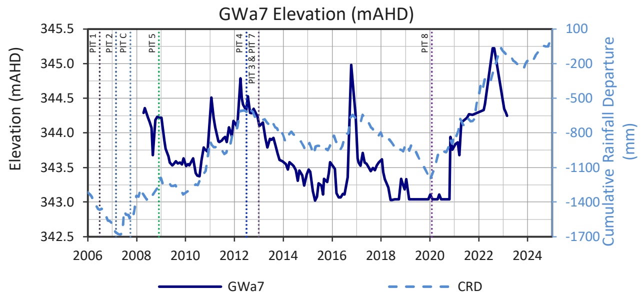

GWa6 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

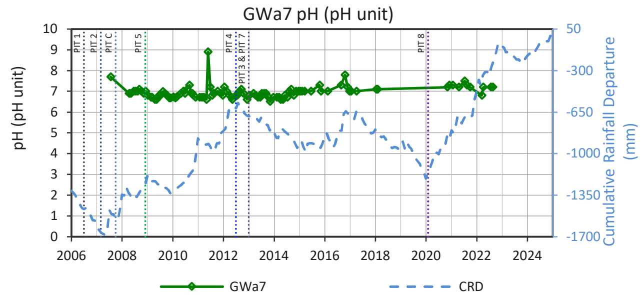

GWa6 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

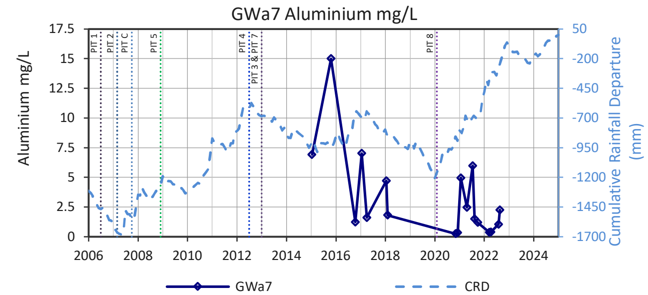

GWa6 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

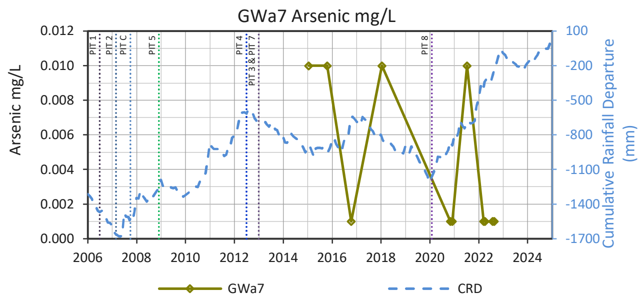

GWa6 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

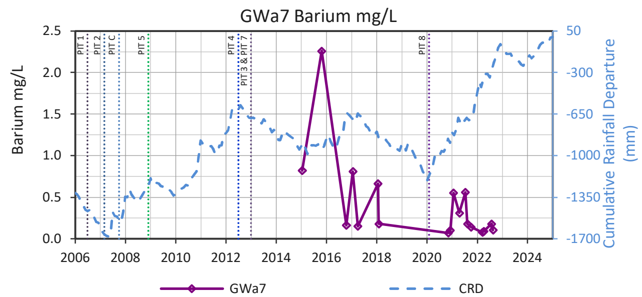

GWa6 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

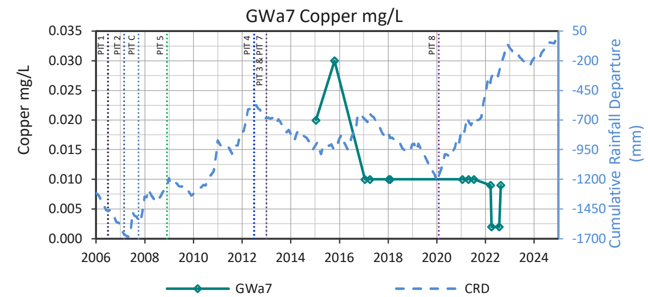

GWa7 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa7
CRD

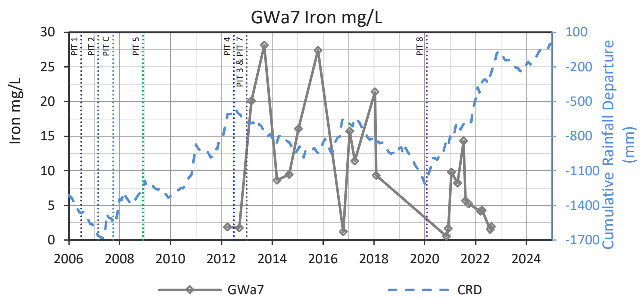

GWa7 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa7
CRD

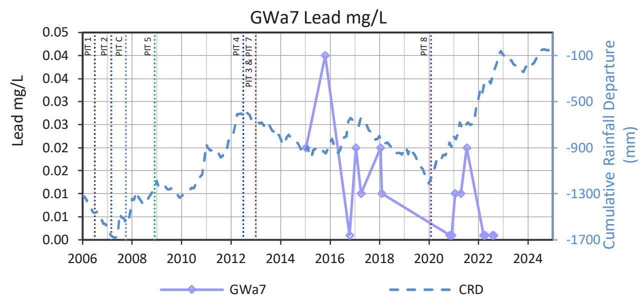

GWa7 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

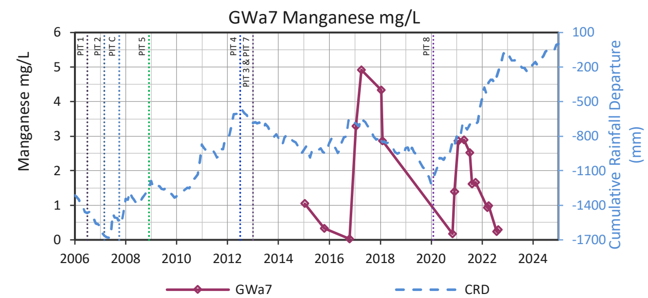

GWa7 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

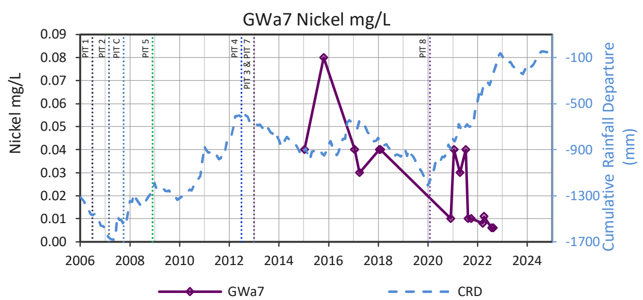

GWa7 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

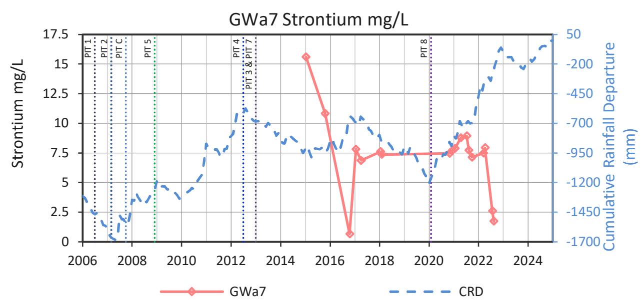

GWa7 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

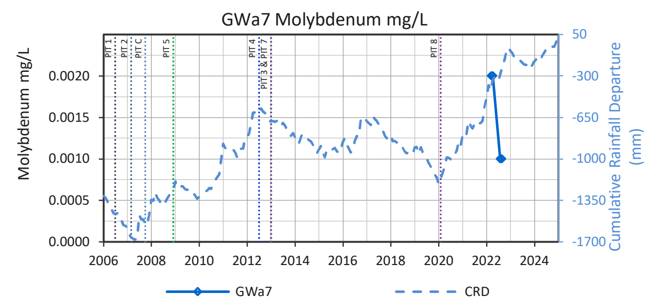

GWa7 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

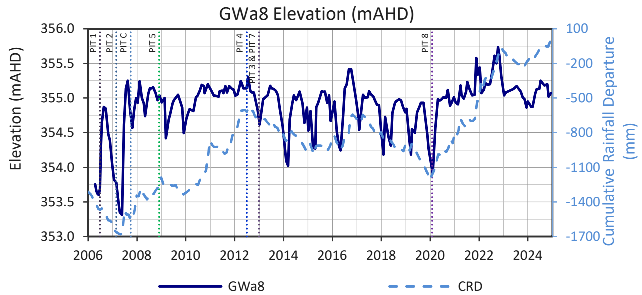

GWa7 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

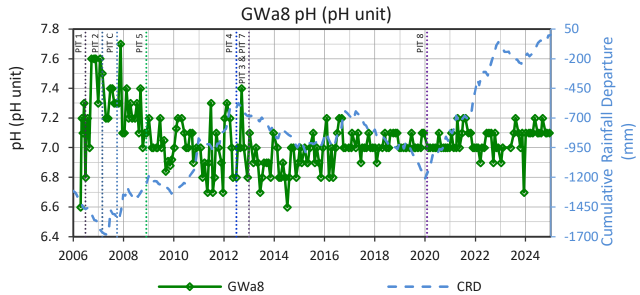

GWa7 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

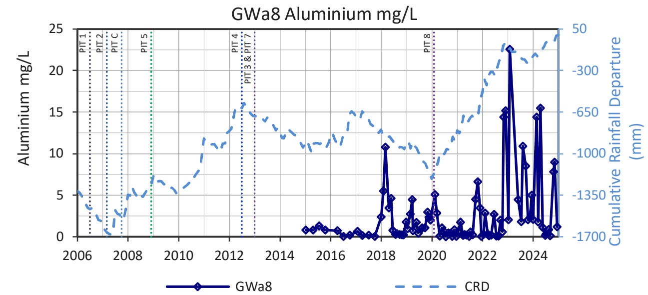

GWa7 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

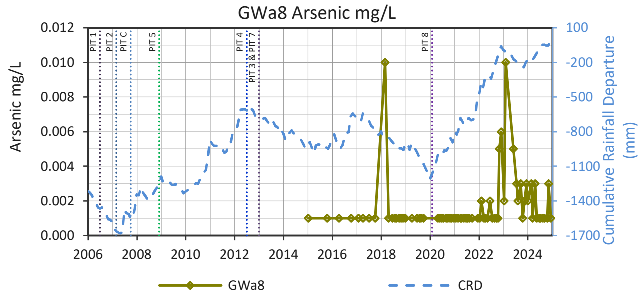

GWa7 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

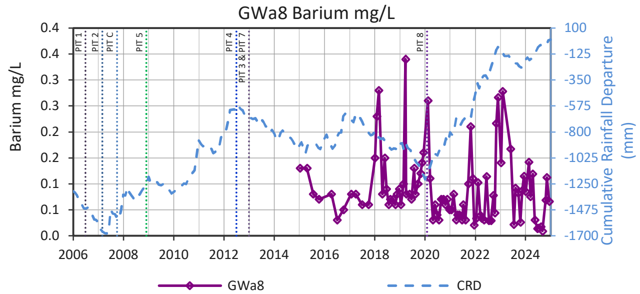

GWa7 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

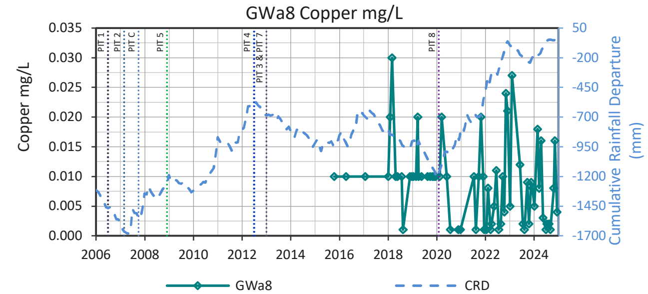

GWa8 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa8
CRD

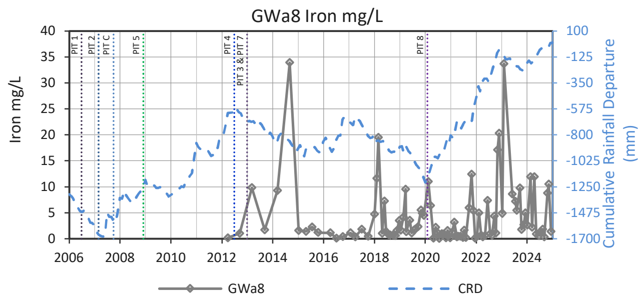

GWa8 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa8
CRD

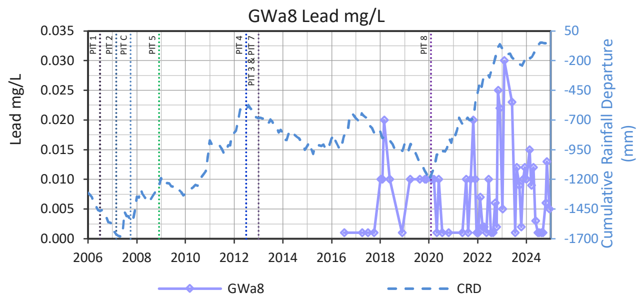

GWa8 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

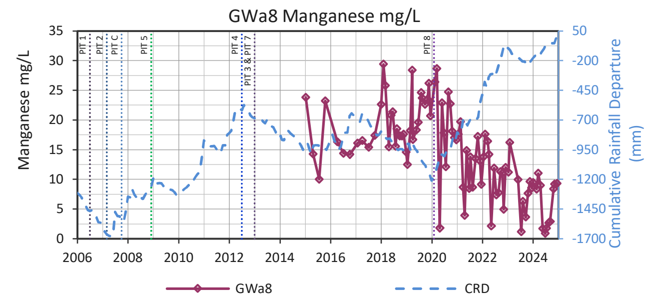

GWa8 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

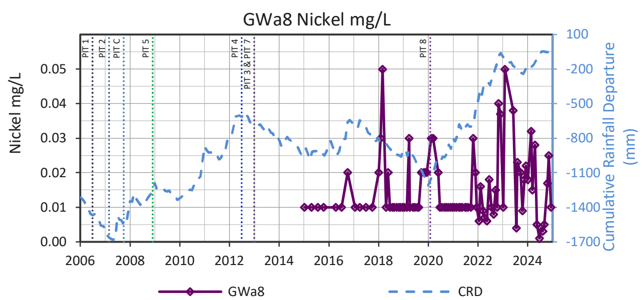

GWa8 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

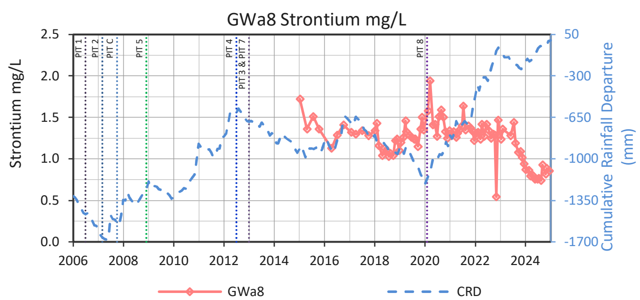

GWa8 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

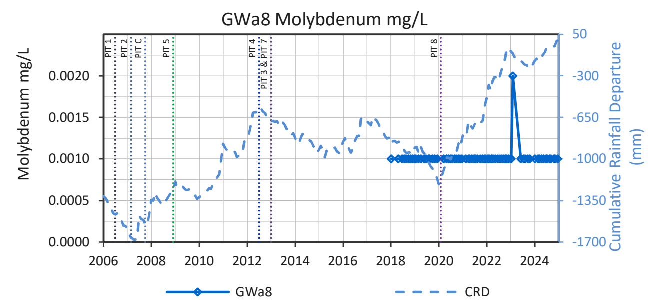

GWa8 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

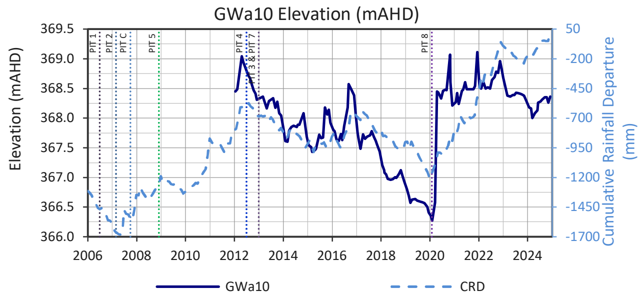

GWa8 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

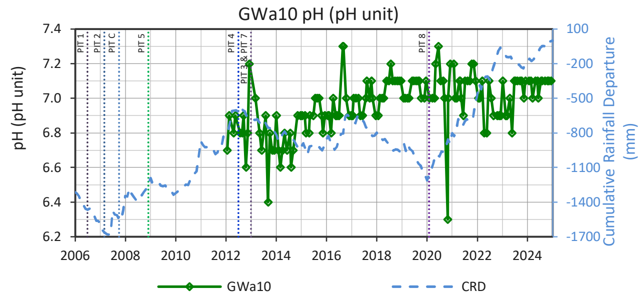

GWa8 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

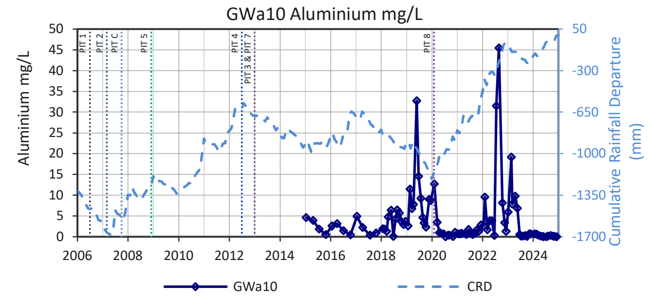

GWa8 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

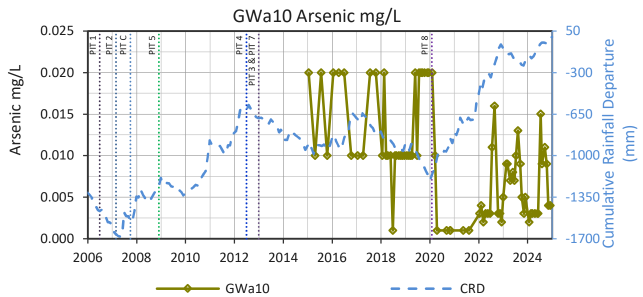

GWa8 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

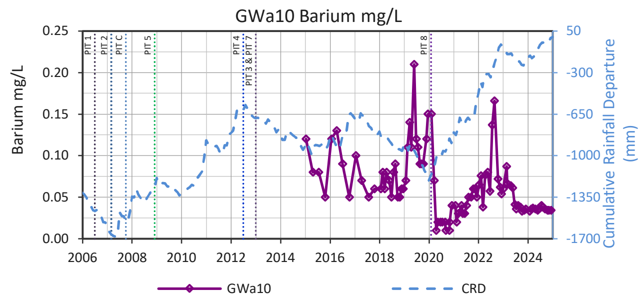

GWa8 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

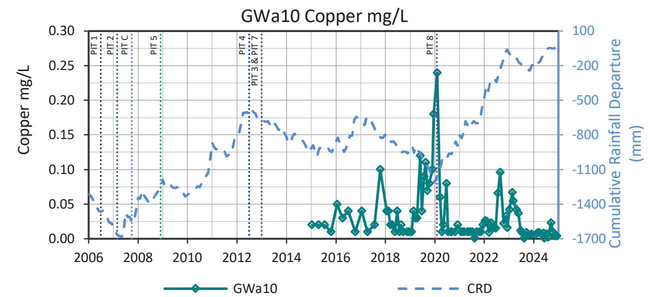

GWa10 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa10
CRD

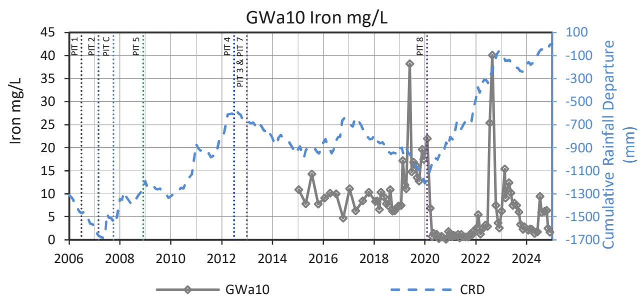

GWa10 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa10
CRD

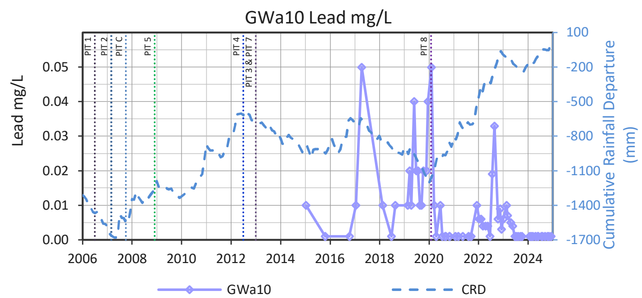

GWa10 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

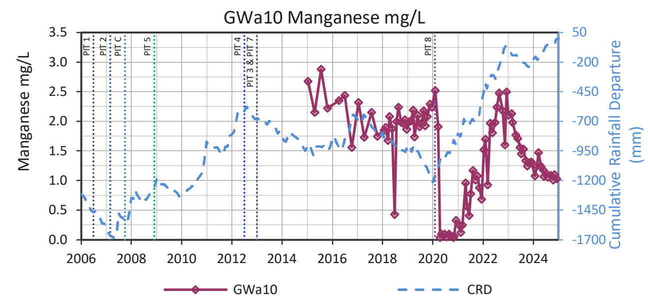

GWa10 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

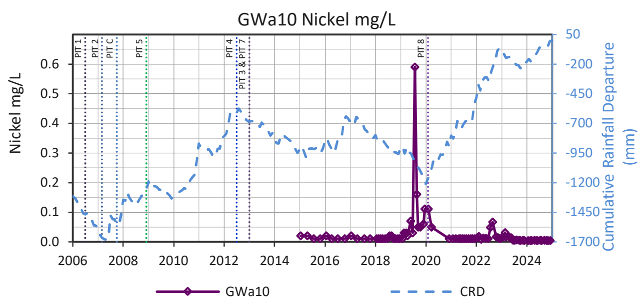

GWa10 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

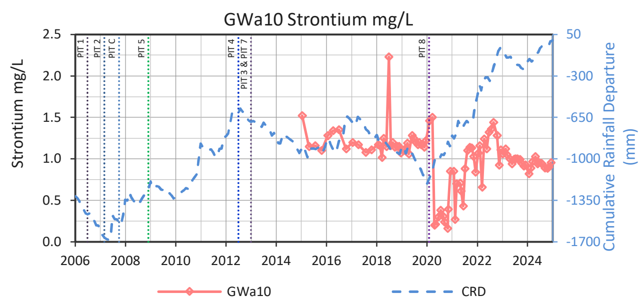

GWa10 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

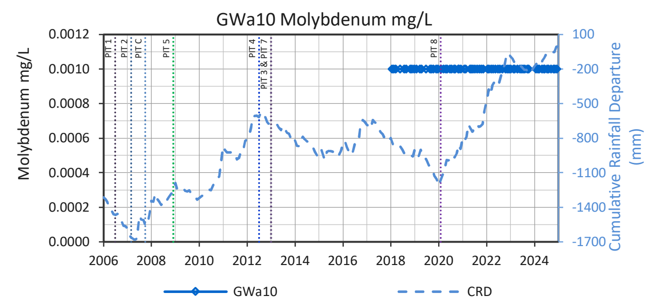

GWa10 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

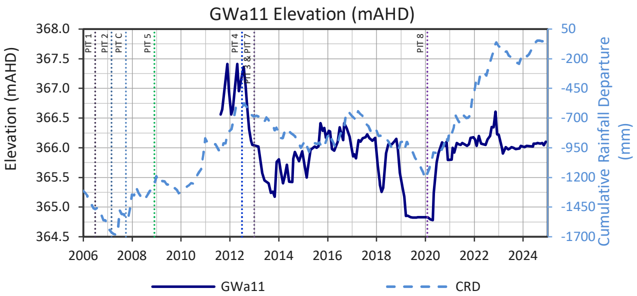

GWa10 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

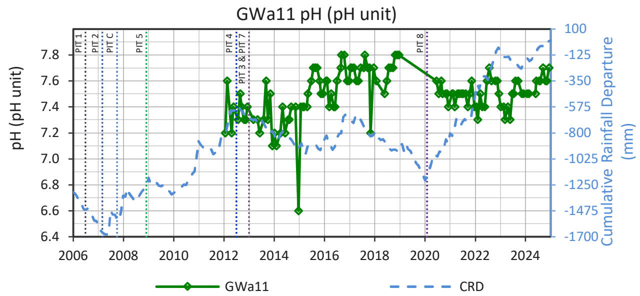

GWa10 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

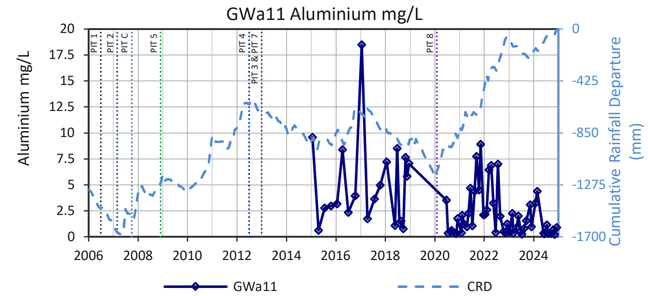

GWa10 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

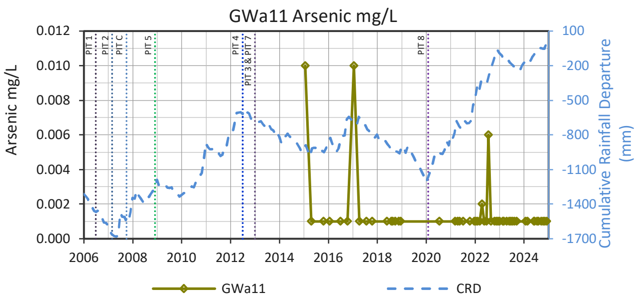

GWa10 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

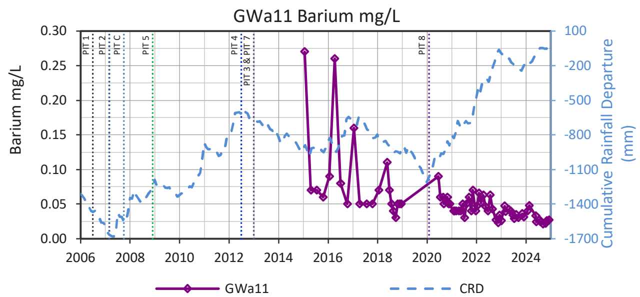

GWa10 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

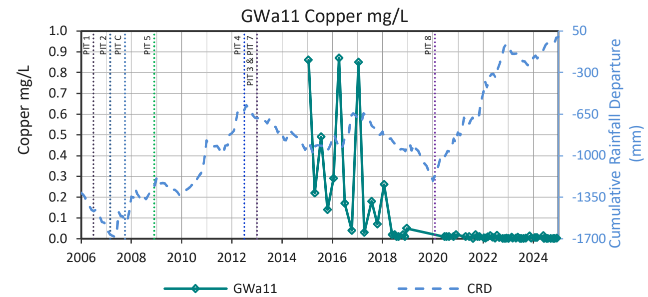

GWa11 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa11
CRD

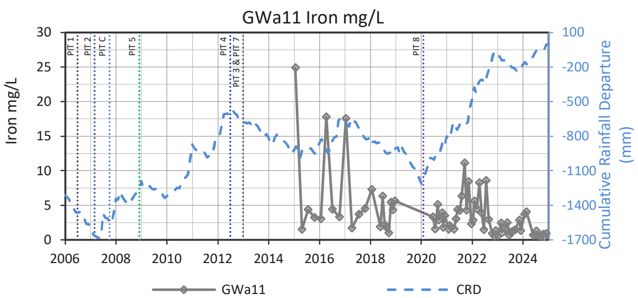

GWa11 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa11
CRD

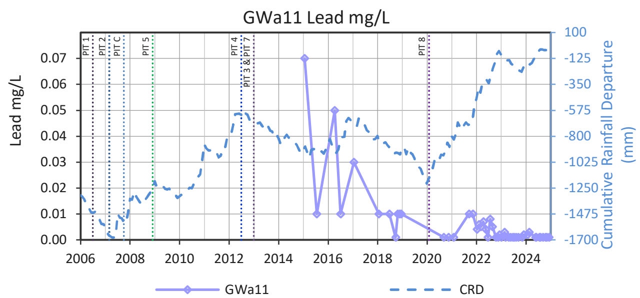

GWa11 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

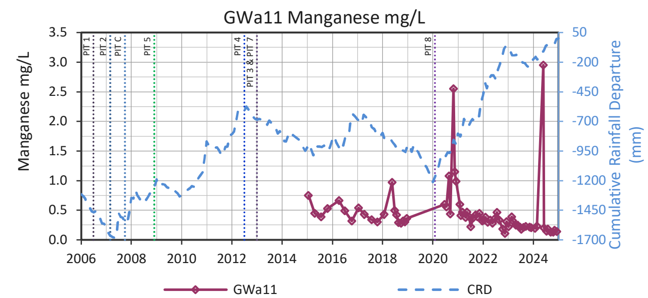

GWa11 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

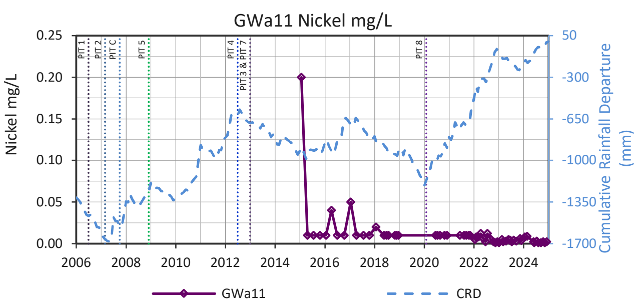

GWa11 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

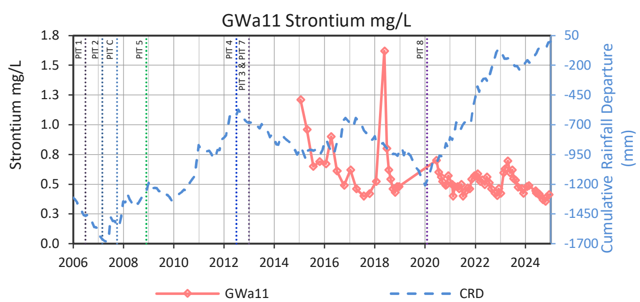

GWa11 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

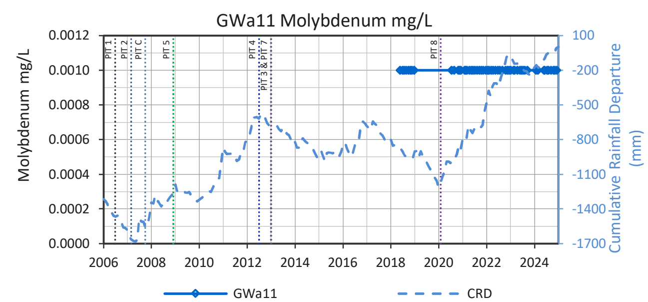

GWa11 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

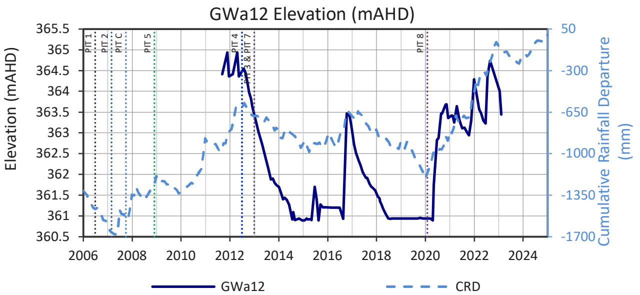

GWa11 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

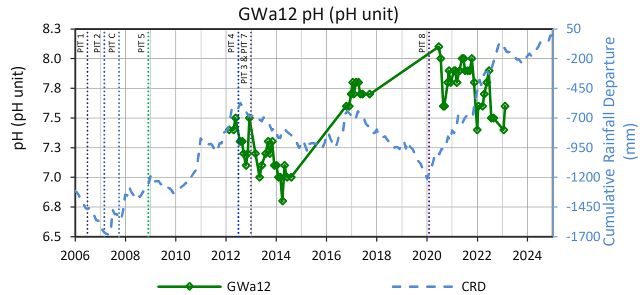

GWa11 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

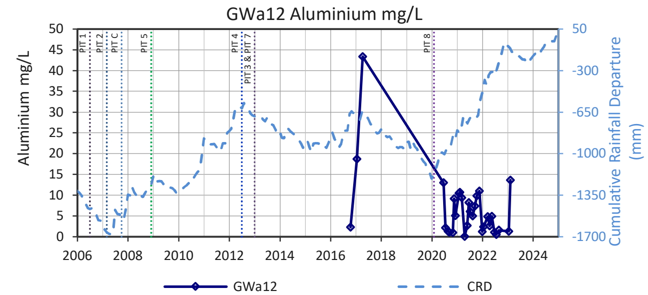

GWa11 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

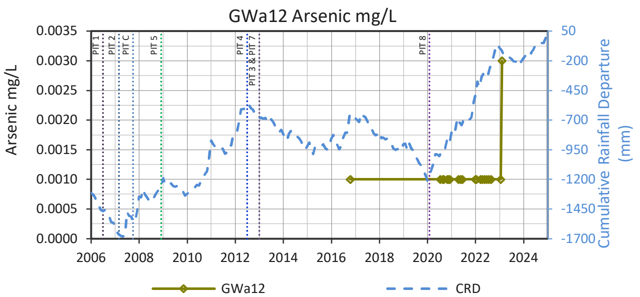

GWa11 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

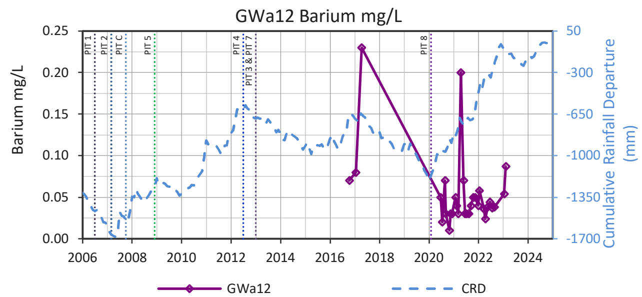

GWa11 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

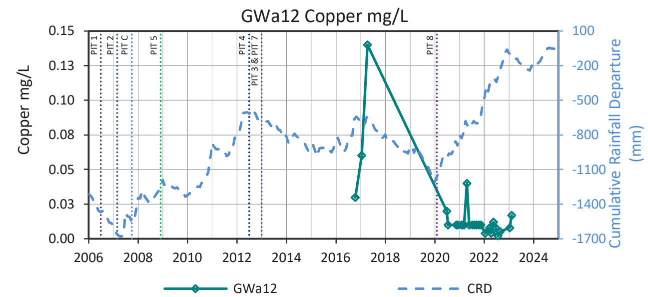

GWa12 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa12
CRD

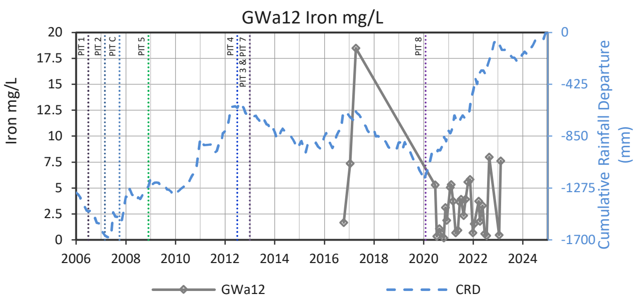

GWa12 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa12
CRD

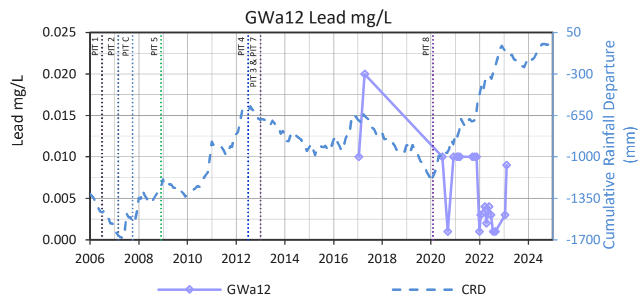

GWa12 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

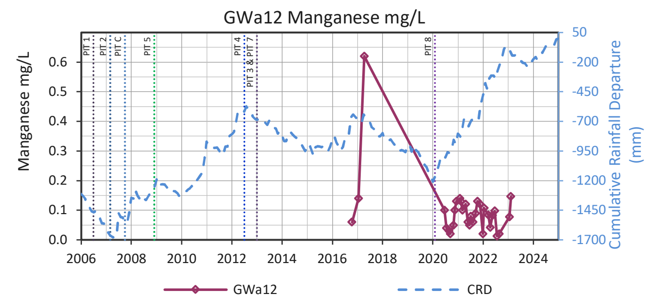

GWa12 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

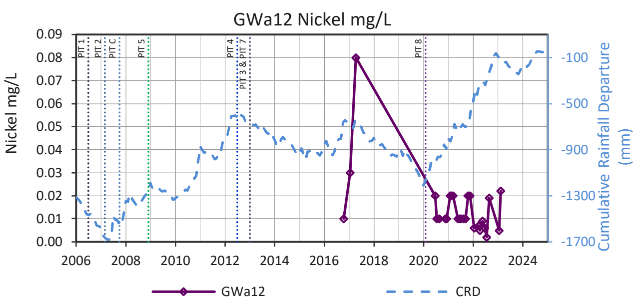

GWa12 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

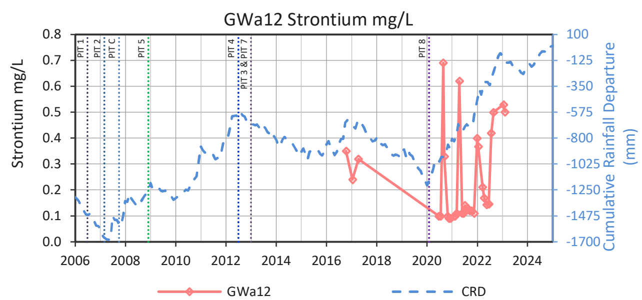

GWa12 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

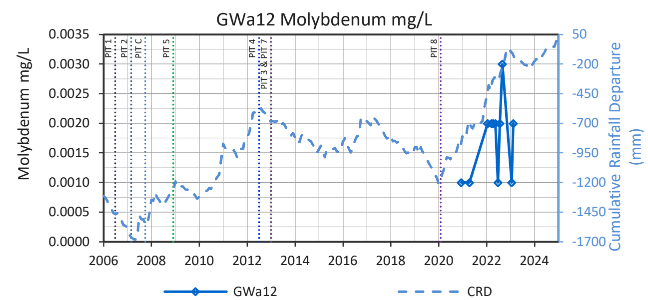

GWa12 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

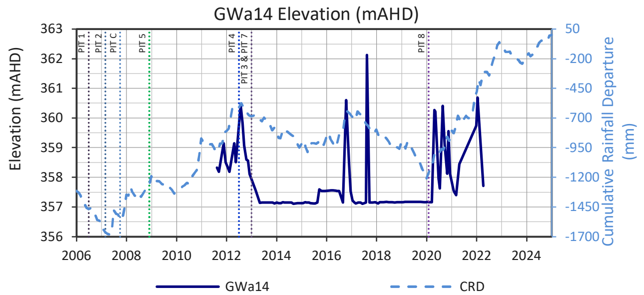

GWa12 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

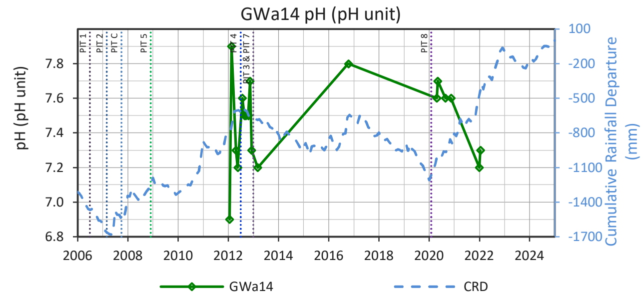

GWa12 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

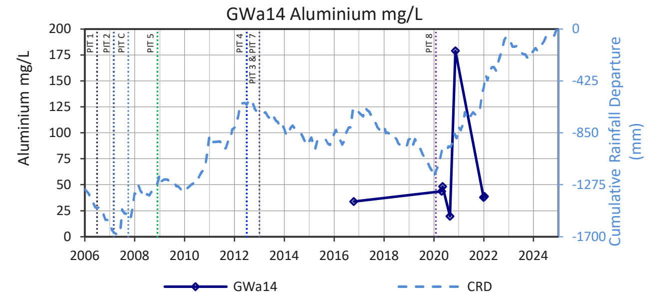

GWa12 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

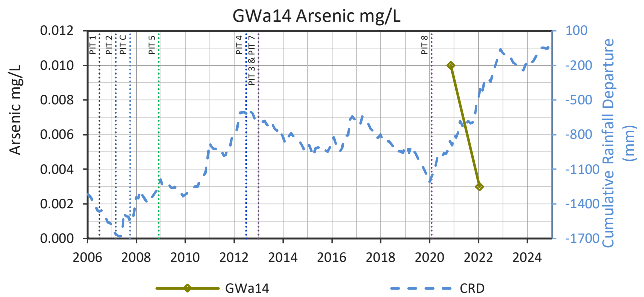

GWa12 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

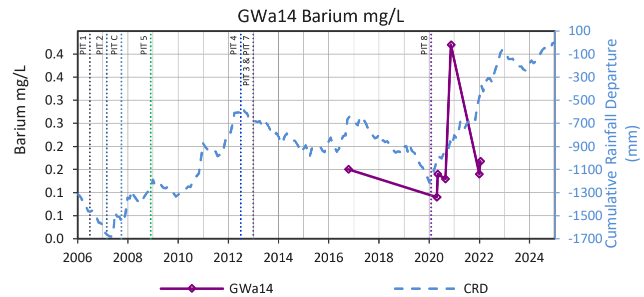

GWa12 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

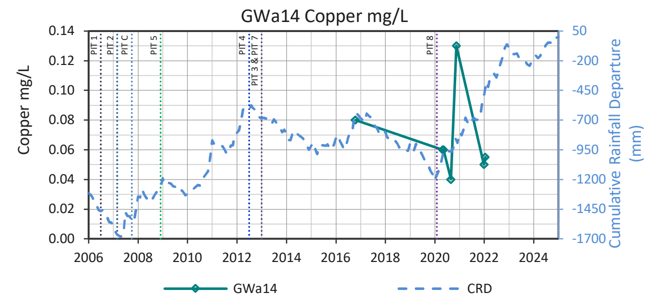

GWa14 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa14
CRD

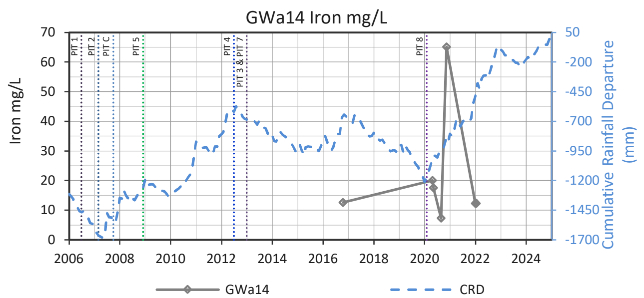

GWa14 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa14
CRD

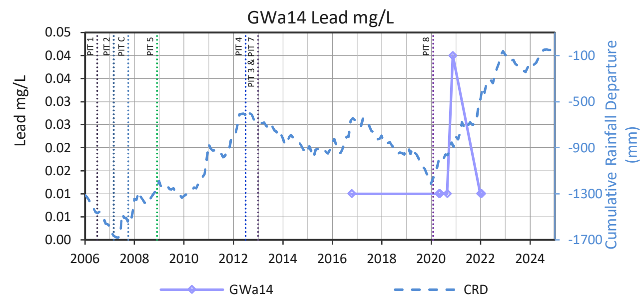

GWa14 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

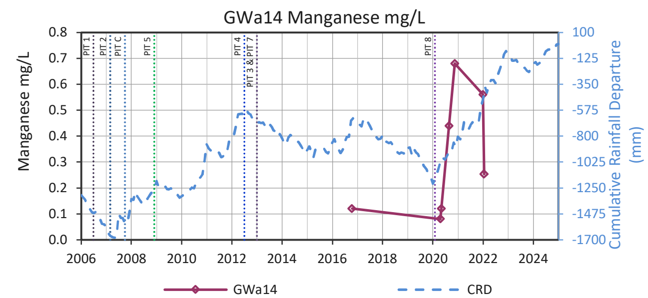

GWa14 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

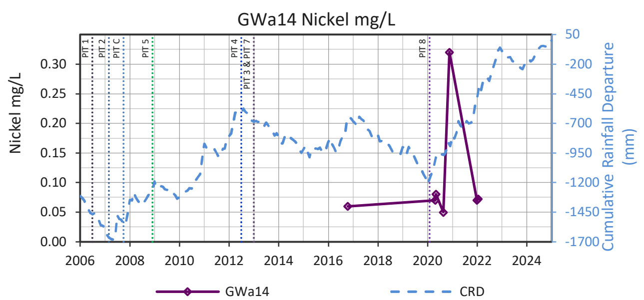

GWa14 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

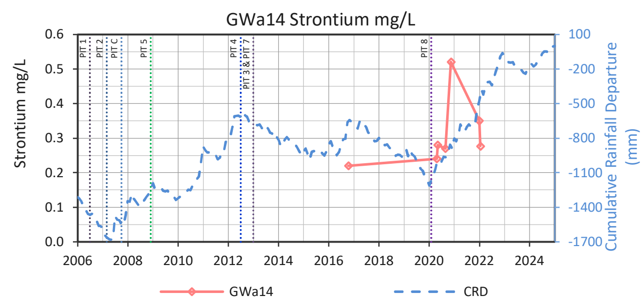

GWa14 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

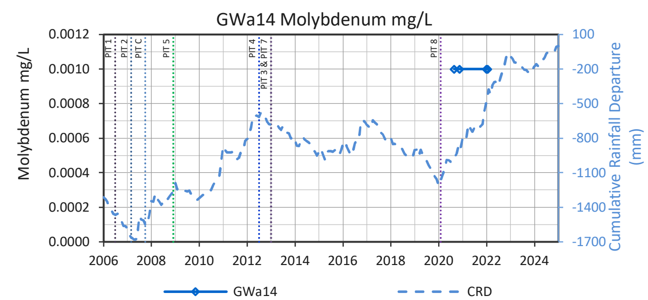

GWa14 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

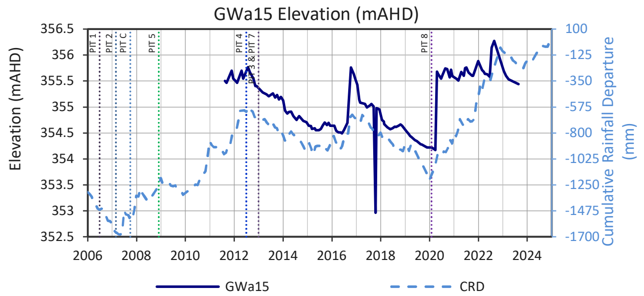

GWa14 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

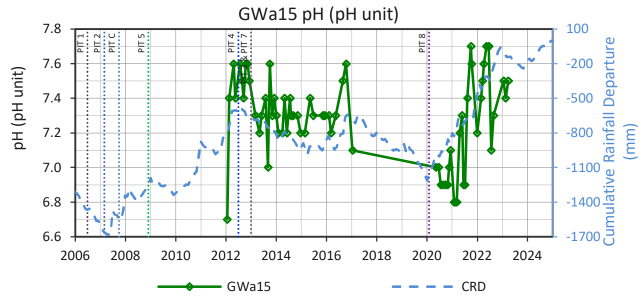

GWa14 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

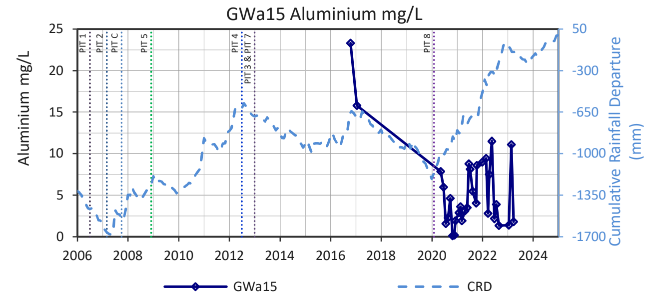

GWa14 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

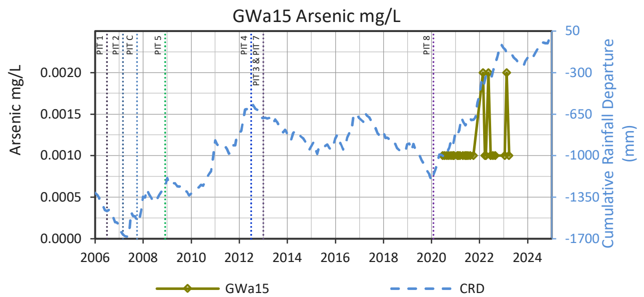

GWa14 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

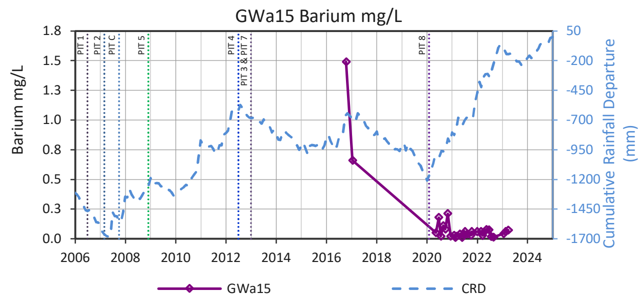

GWa14 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

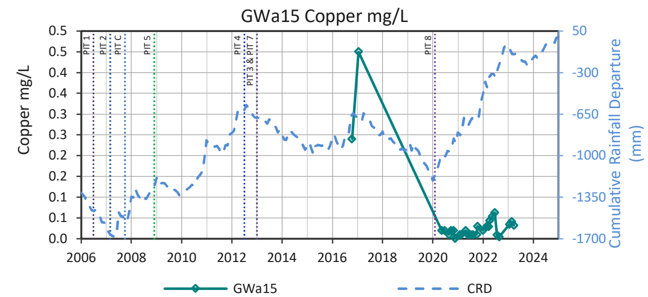

GWa15 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa15
CRD

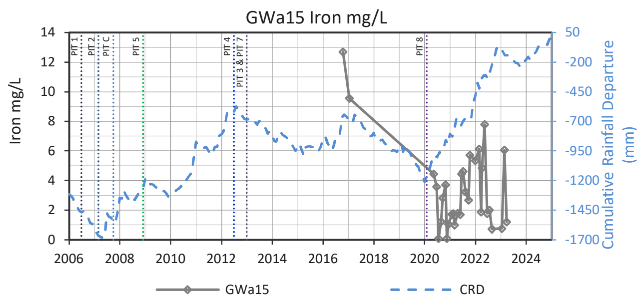

GWa15 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa15
CRD

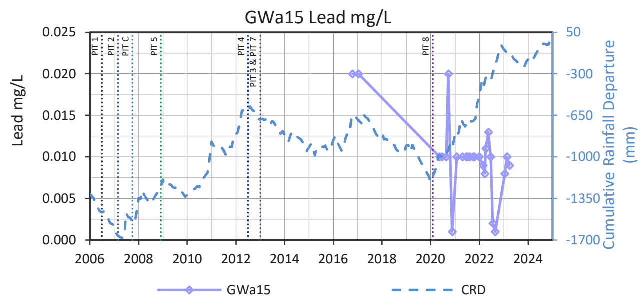

GWa15 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

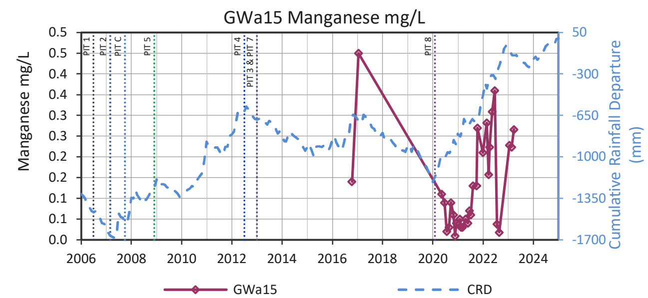

GWa15 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

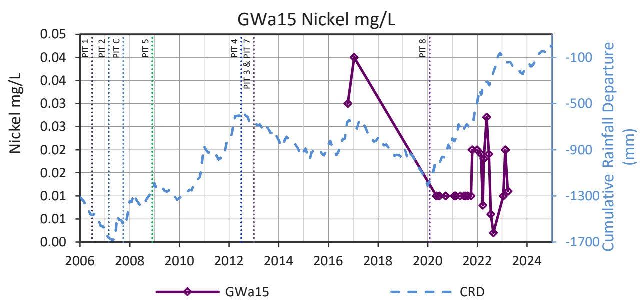

GWa15 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

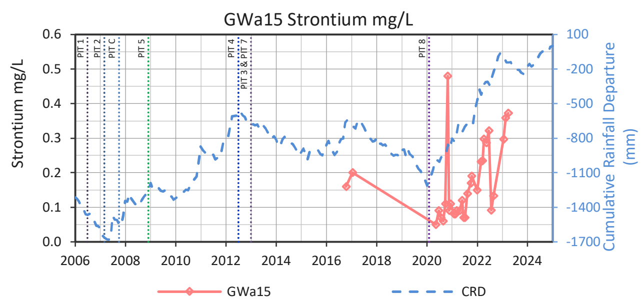

GWa15 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

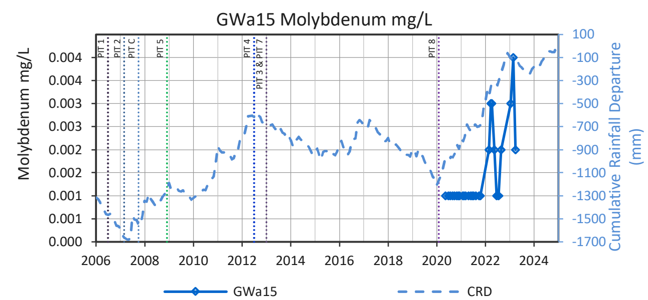

GWa15 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

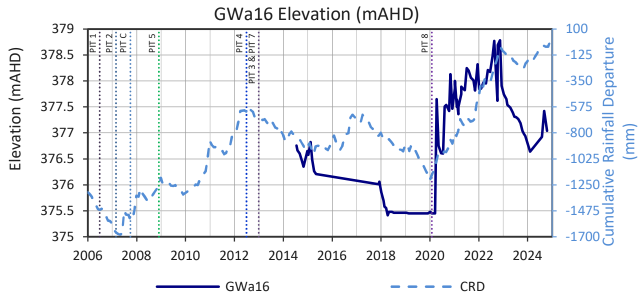

GWa15 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

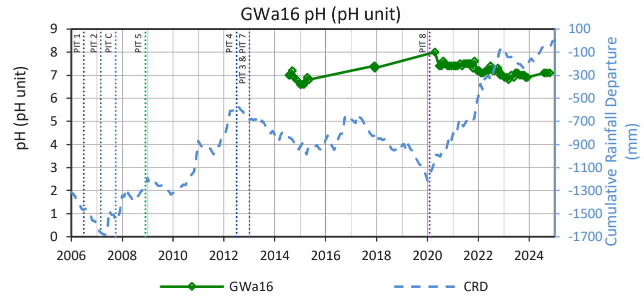

GWa15 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

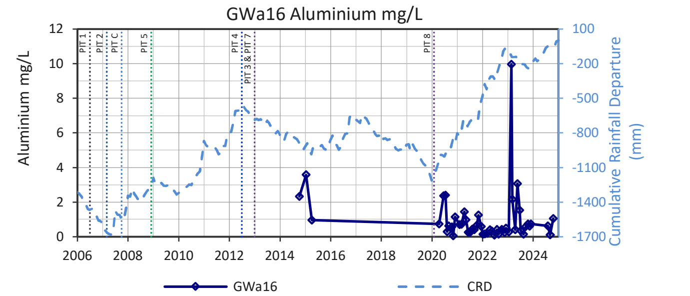

GWa15 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

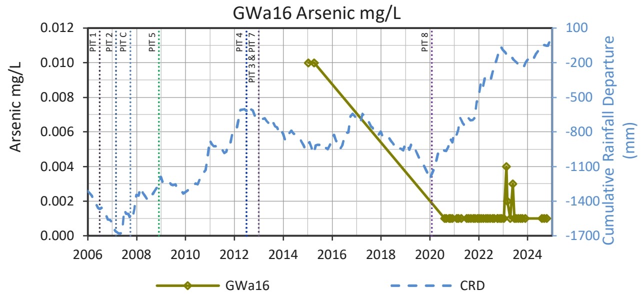

GWa15 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

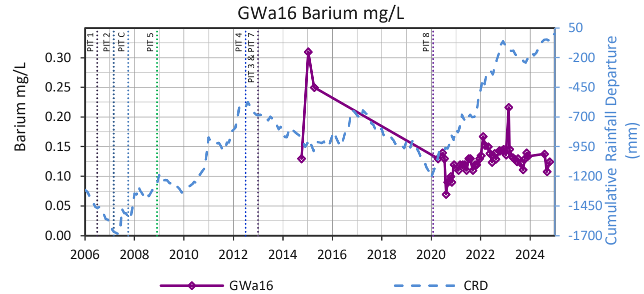

GWa15 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

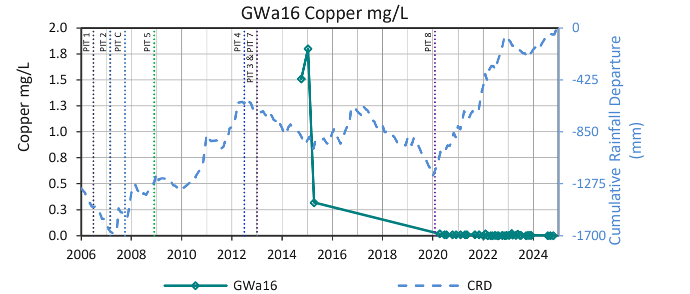

GWa16 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa16
CRD

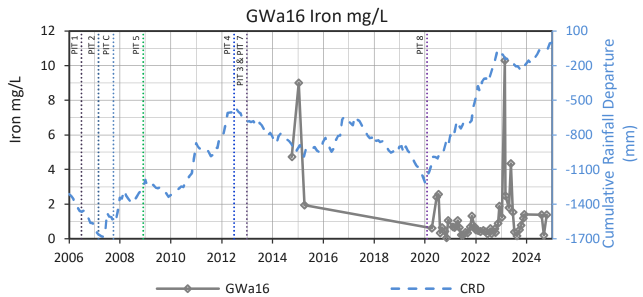

GWa16 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa16
CRD

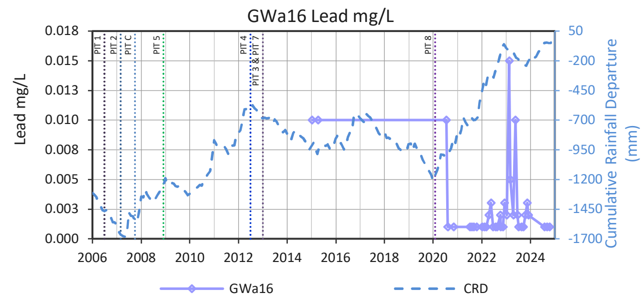

GWa16 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

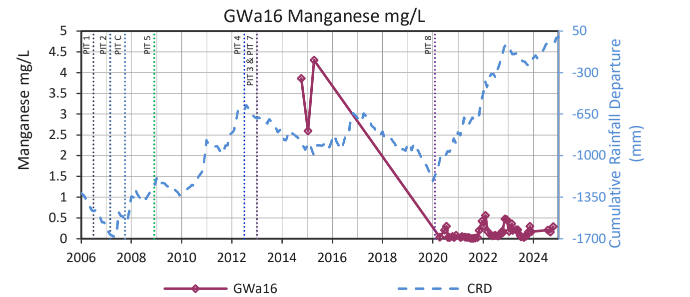

GWa16 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

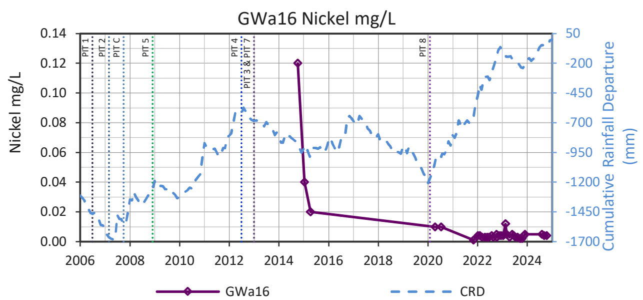

GWa16 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

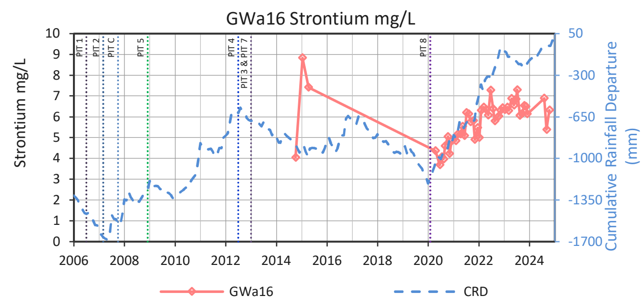

GWa16 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

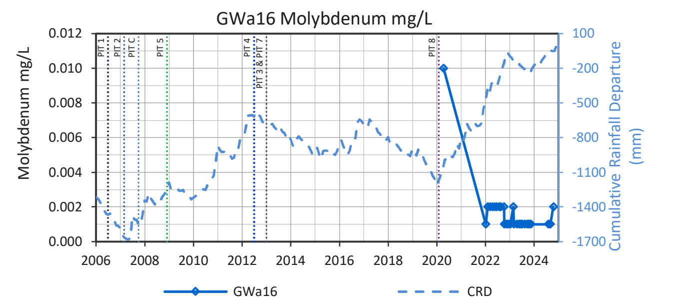

GWa16 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

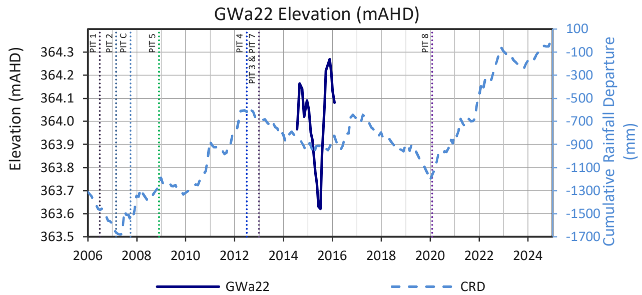

GWa16 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

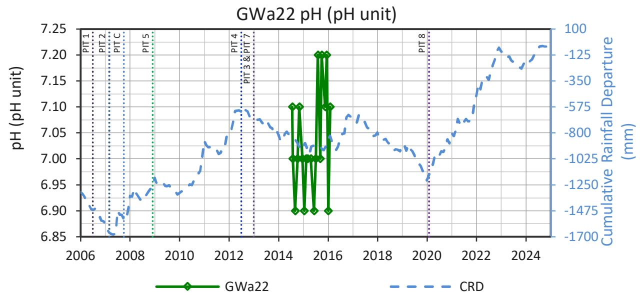

GWa16 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

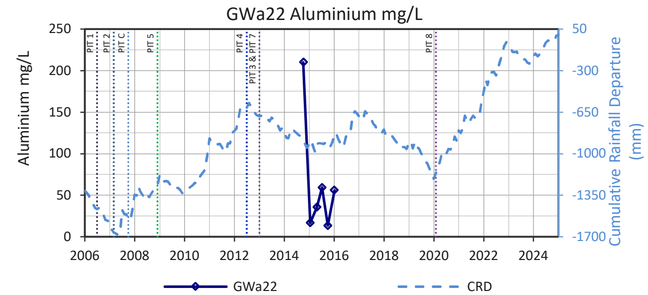

GWa16 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

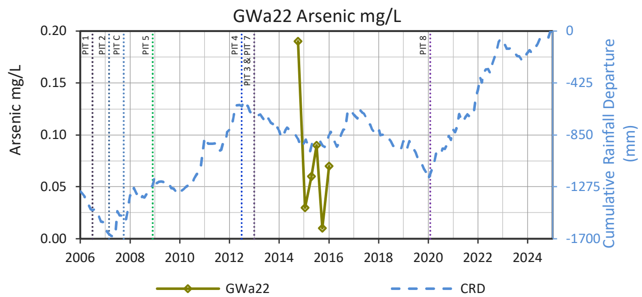

GWa16 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

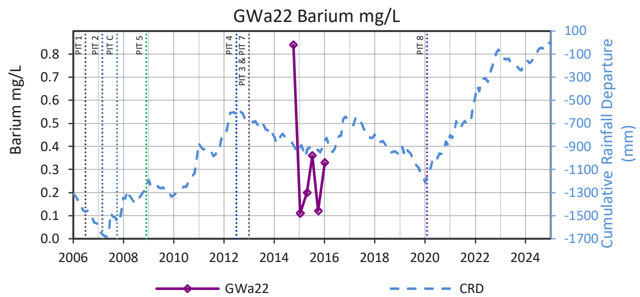

GWa16 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

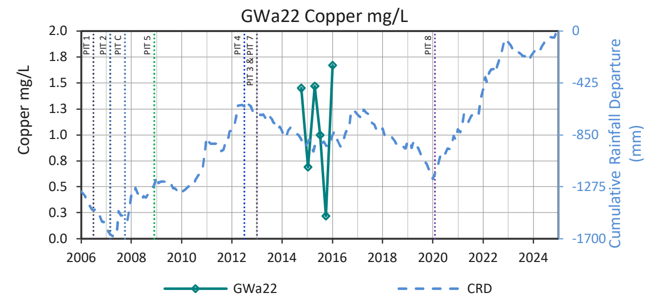


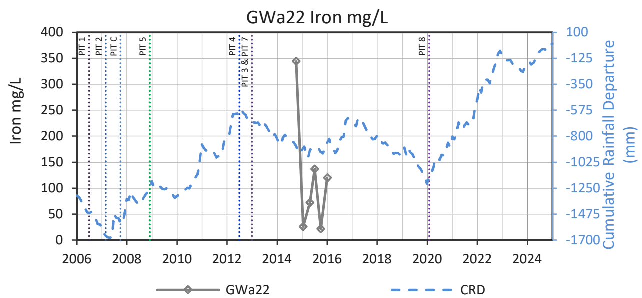



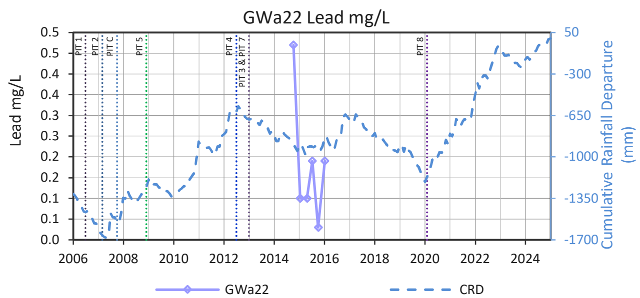



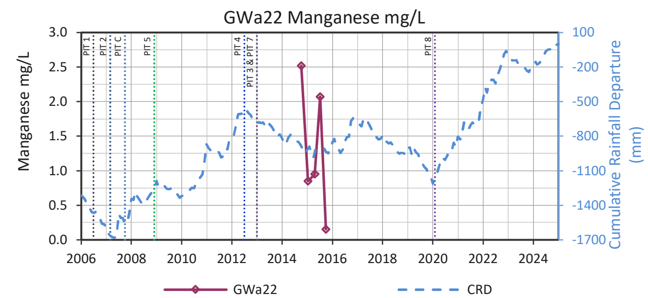



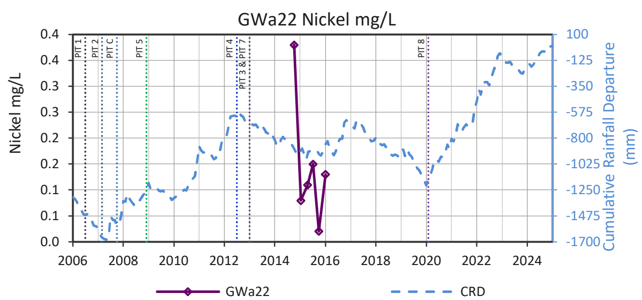



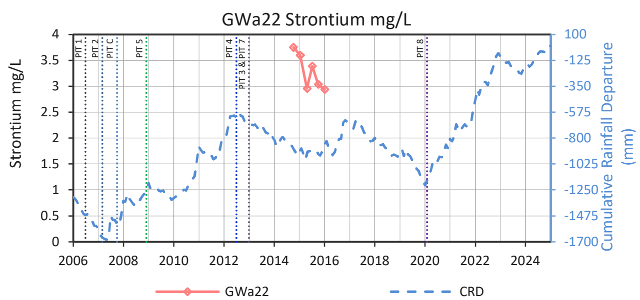



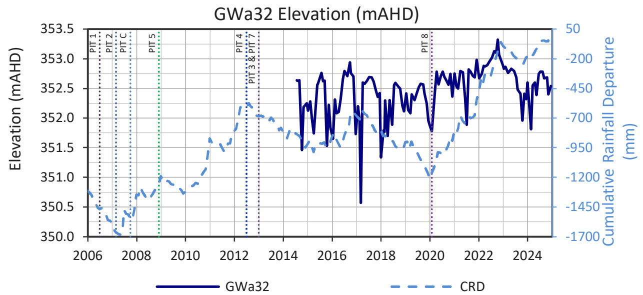



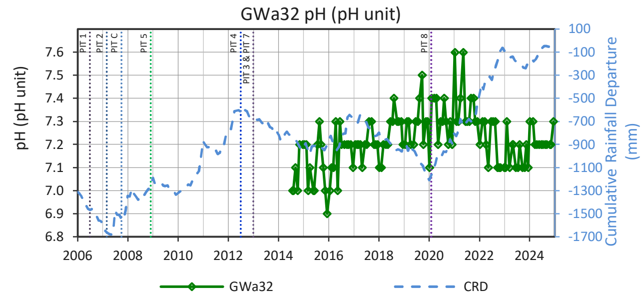



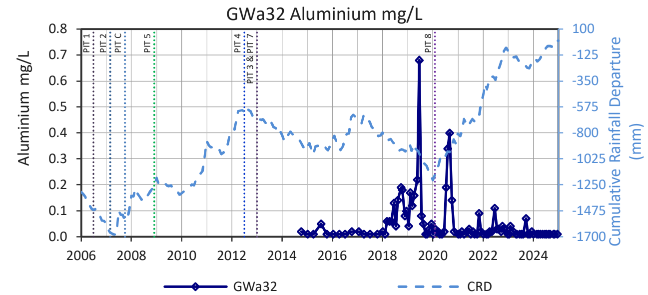



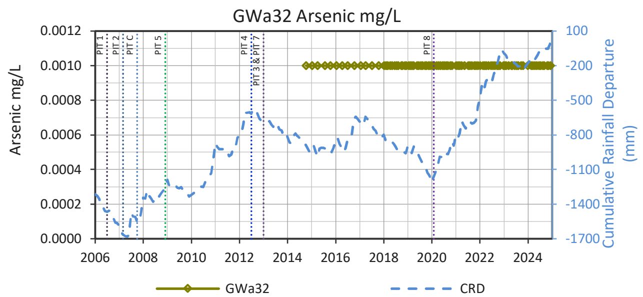

GWa22

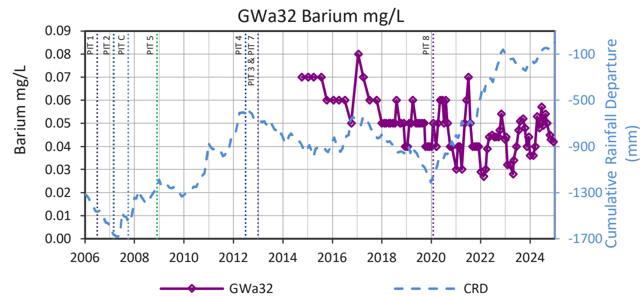
No Data Available for Molybdenum mg/L

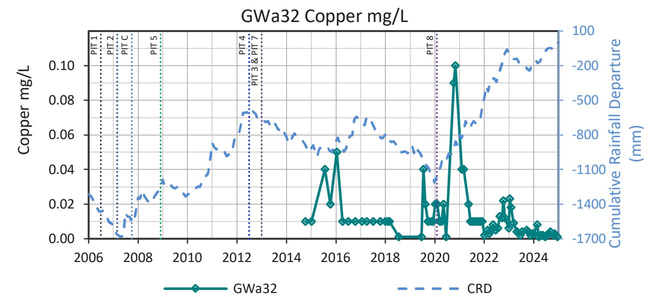

GWa32 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa32
CRD

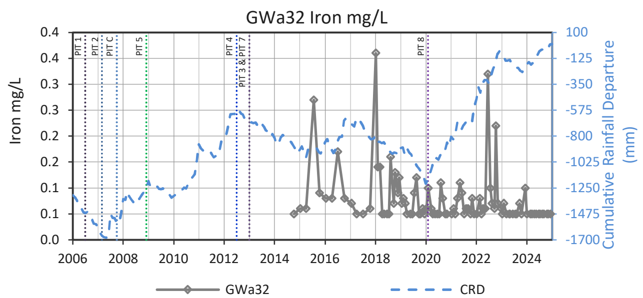

GWa32 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWa32
CRD

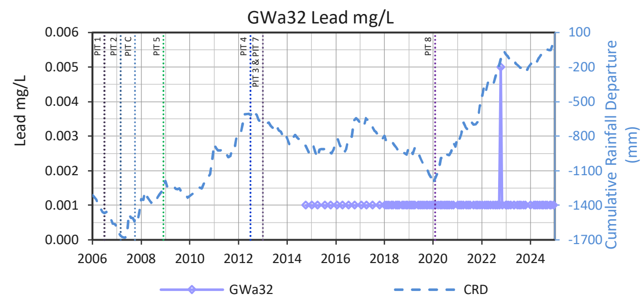

GWa32 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

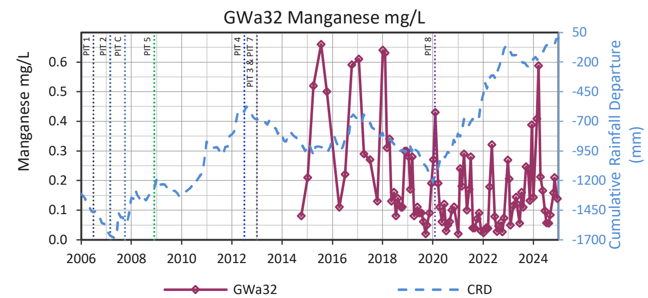

GWa32 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

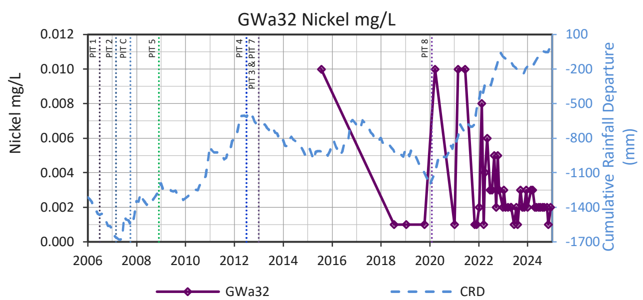

GWa32 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

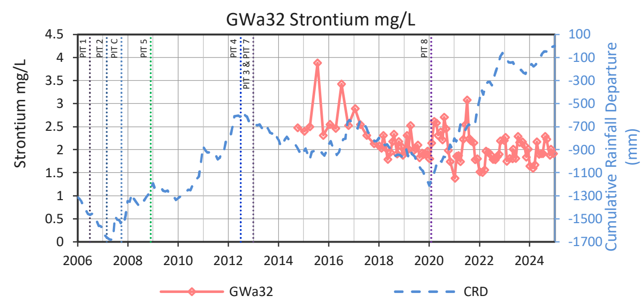

GWa32 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

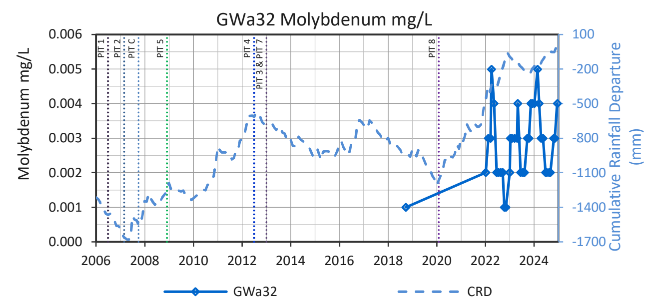

GWa32 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

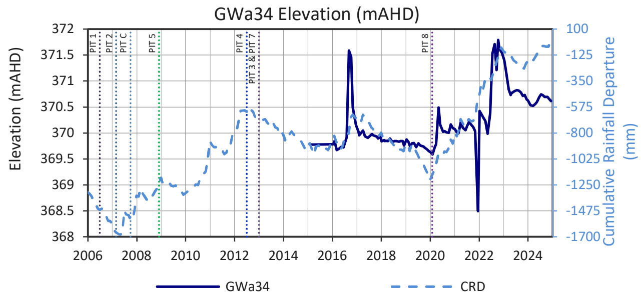

GWa32 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

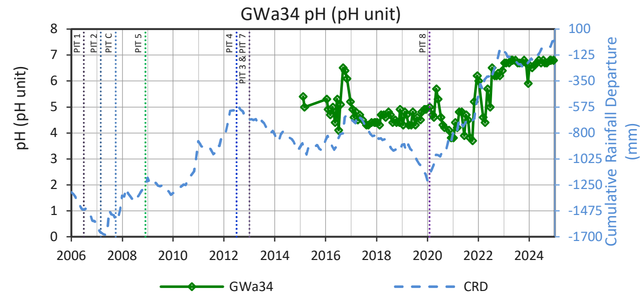

GWa32 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

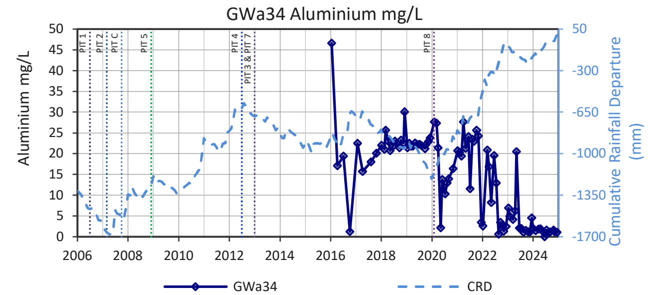

GWa32 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

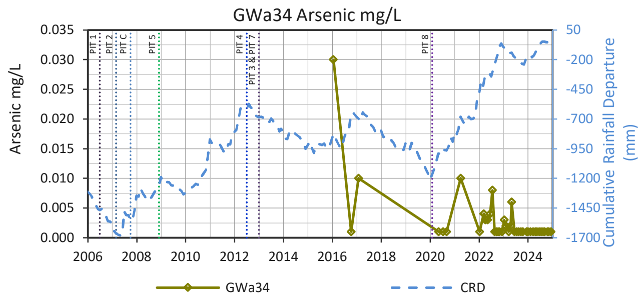

GWa32 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

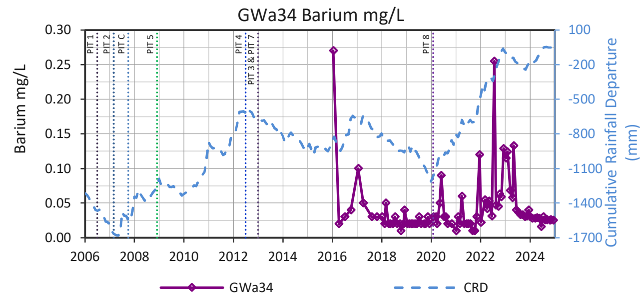

GWa32 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

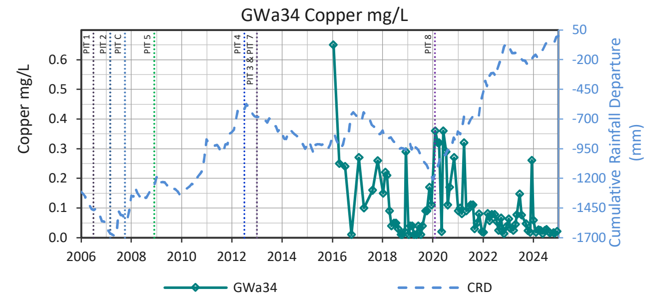

GWa34 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
372
371.5
371
370.5
370
369.5
369
368.5
368
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa34
CRD

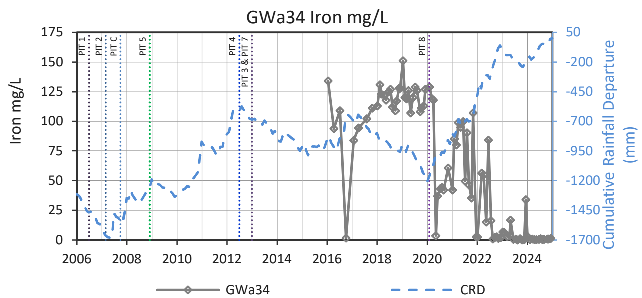

GWa34 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
8
7
6
5
4
3
2
1
0
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa34
CRD

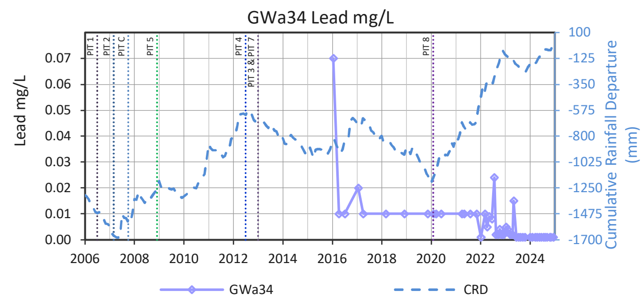

GWa34 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
50
45
40
35
30
25
20
15
10
5
0
50
-300
-650
-1000
-1350
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa34
CRD

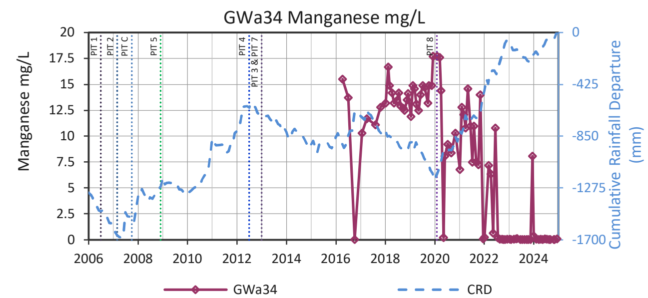

GWa34 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa34
CRD

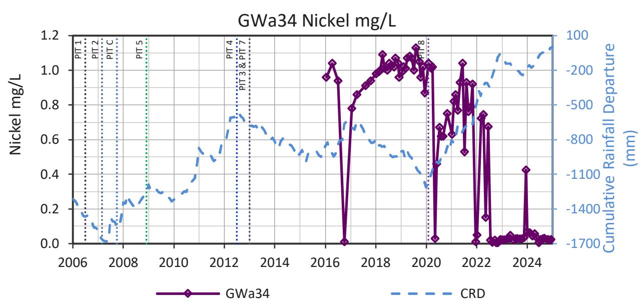

GWa34 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
0.30
0.25
0.20
0.15
0.10
0.05
0.00
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa34
CRD

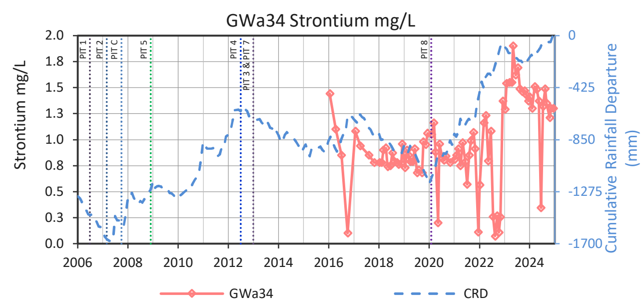

GWa34 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
0.6
0.5
0.4
0.3
0.2
0.1
0.0
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa34
CRD

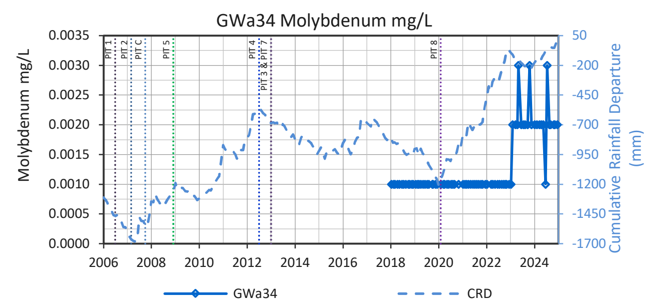

GWa34 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
175
150
125
100
75
50
25
0
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa34
CRD

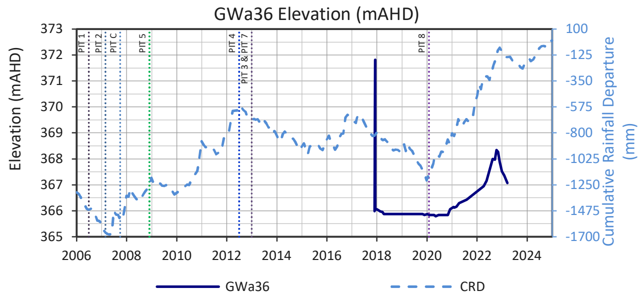

GWa34 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa34
CRD

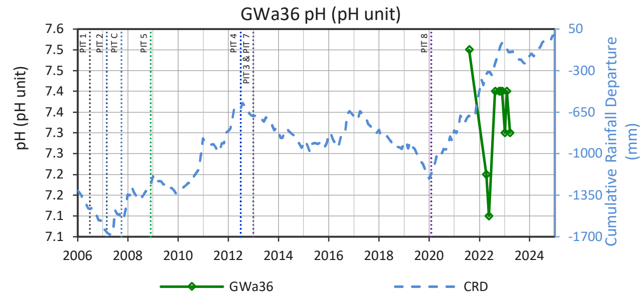

GWa34 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
20
17.5
15
12.5
10
7.5
5
2.5
0
0
-425
-850
-1275
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa34
CRD

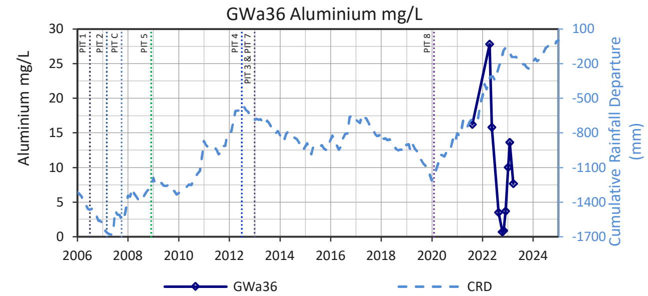

GWa34 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa34
CRD

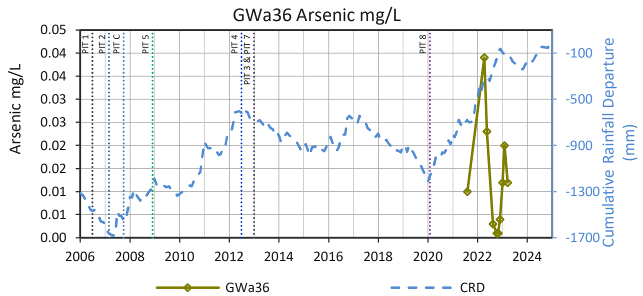

GWa34 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
2.0
1.8
1.5
1.3
1.0
0.8
0.5
0.3
0.0
0
-425
-850
-1275
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa34
CRD

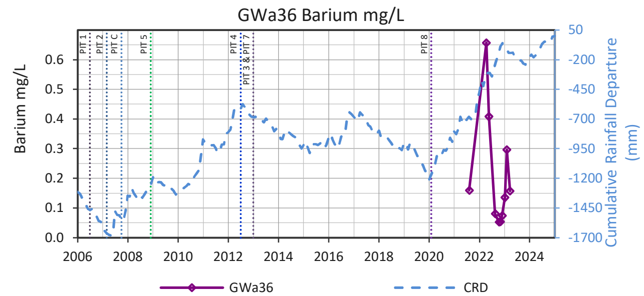

GWa34 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
0.0035
0.0030
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa34
CRD

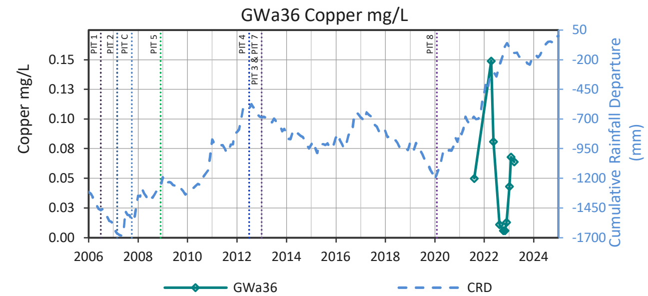

GWa36 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD

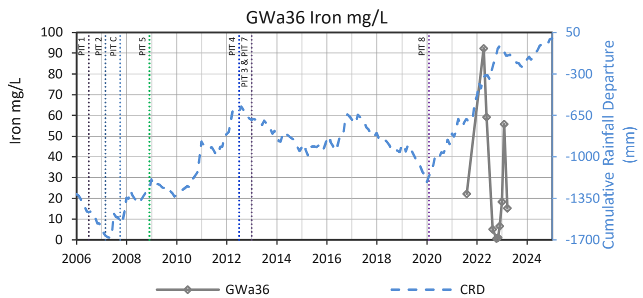

GWa36 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD

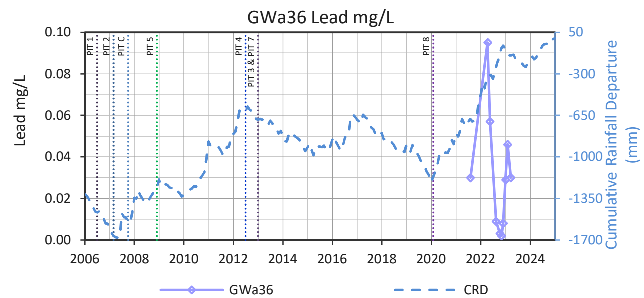

GWa36 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD

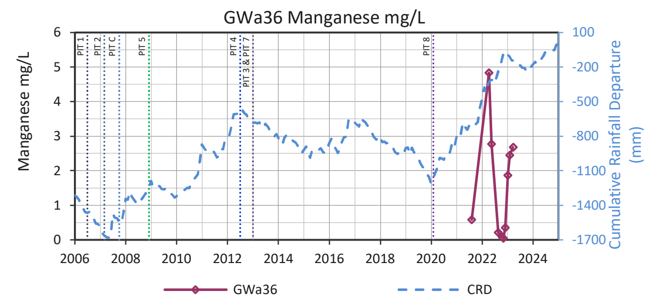

GWa36 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD

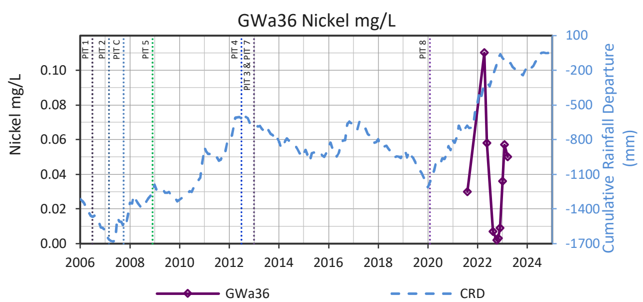

GWa36 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD

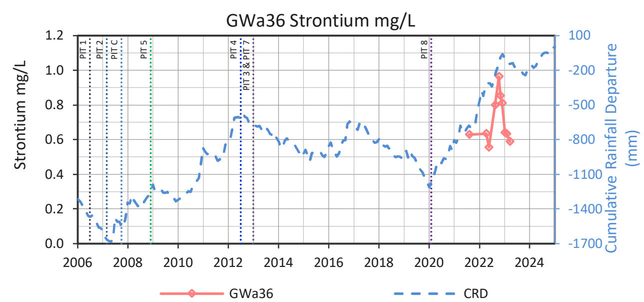

GWa36 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD

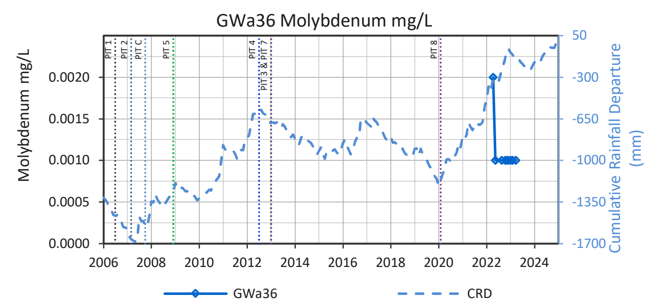

GWa36 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD


GWa36 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD

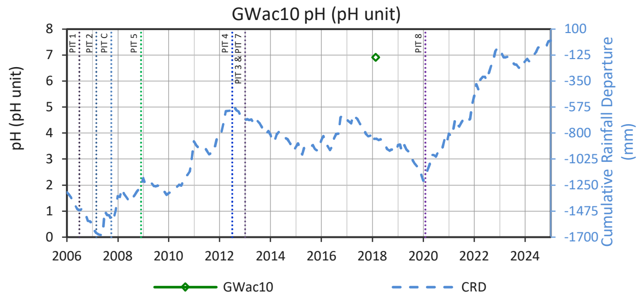

GWa36 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD


GWa36 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD


GWa36 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD


GWa36 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa36
CRD

No Data Available for Elevation (mAHD)




No Data Available for Aluminium mg/L

No Data Available for Arsenic mg/L

No Data Available for Barium mg/L

No Data Available for Copper mg/L

No Data Available for Iron mg/L

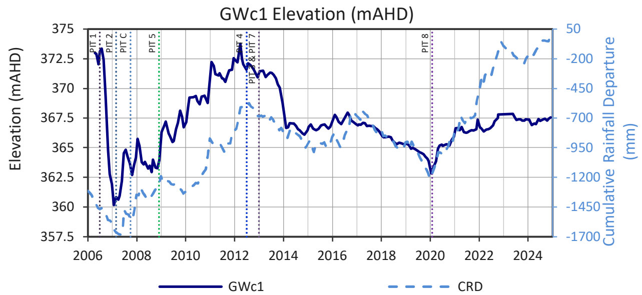
No Data Available for Lead mg/L

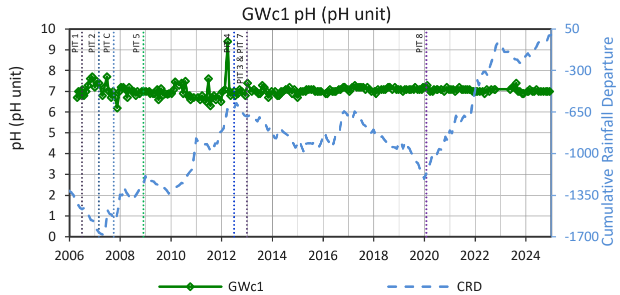
No Data Available for Manganese mg/L

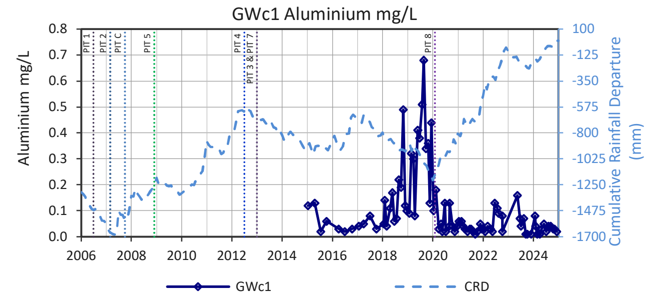
No Data Available for Nickel mg/L

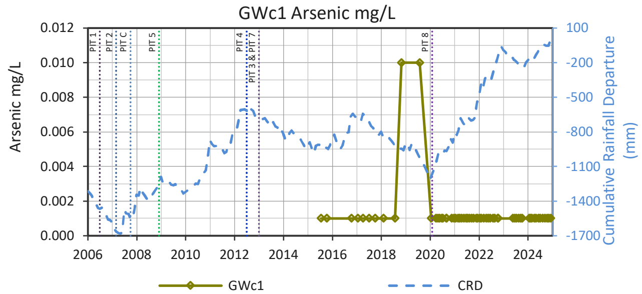
No Data Available for Strontium mg/L

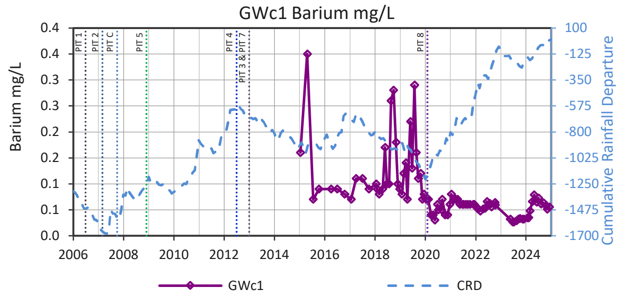
No Data Available for Molybdenum mg/L

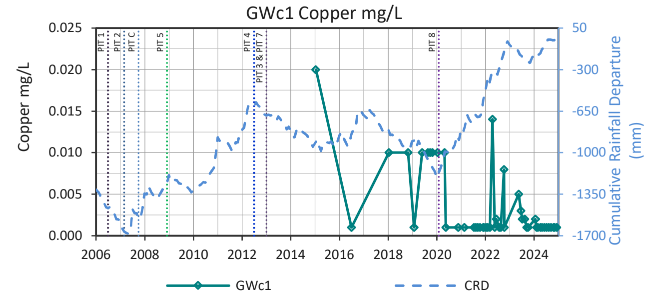

GWc1 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc1
CRD

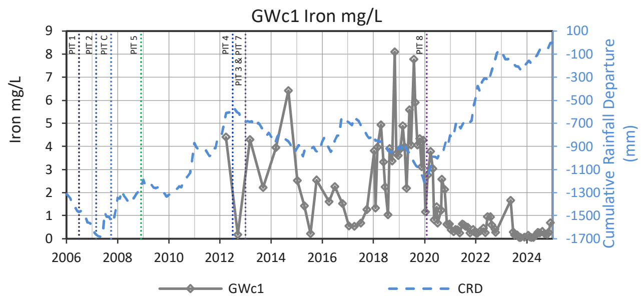

GWc1 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc1
CRD

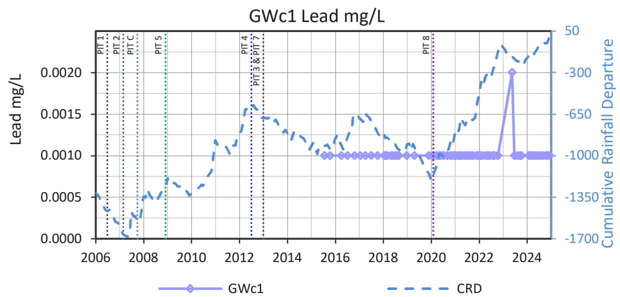

GWc1 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

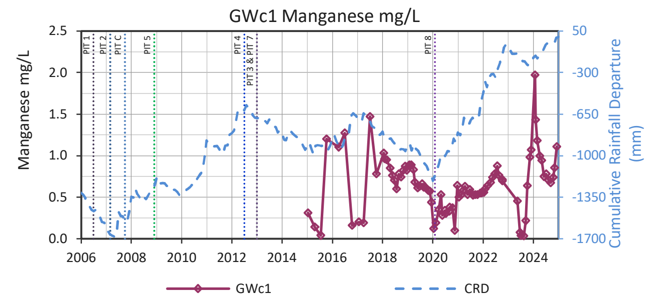

GWc1 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

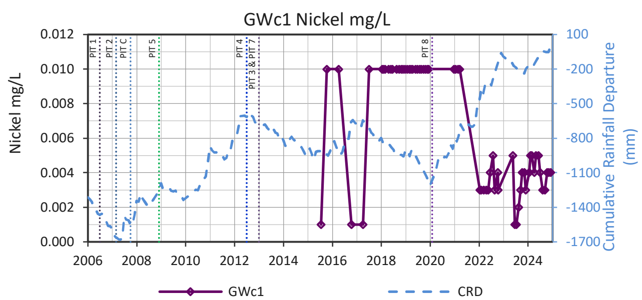

GWc1 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

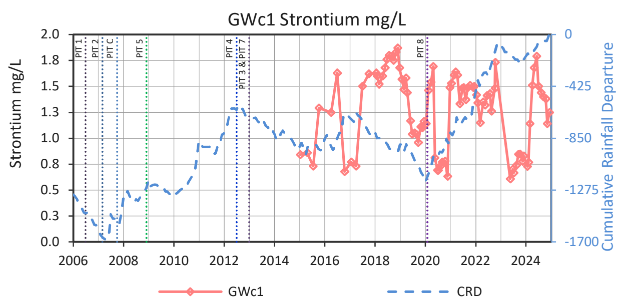

GWc1 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

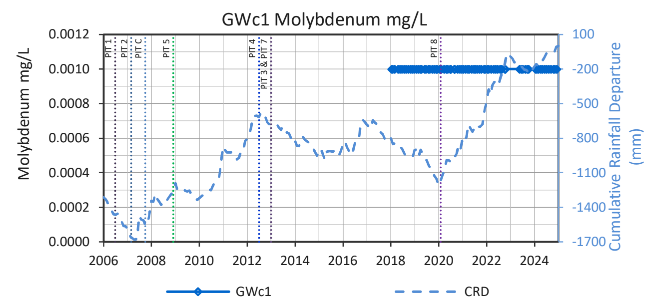

GWc1 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

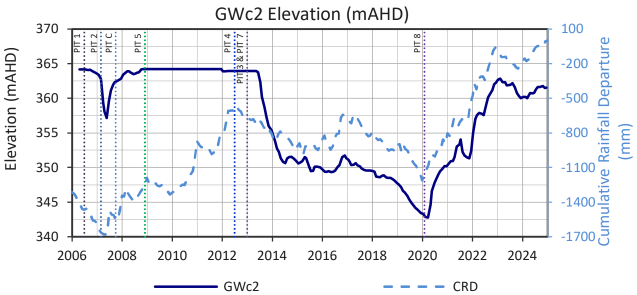

GWc1 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

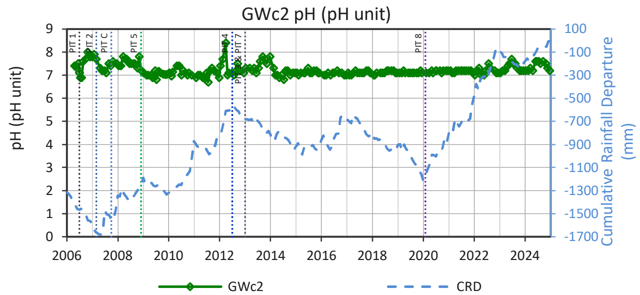

GWc1 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

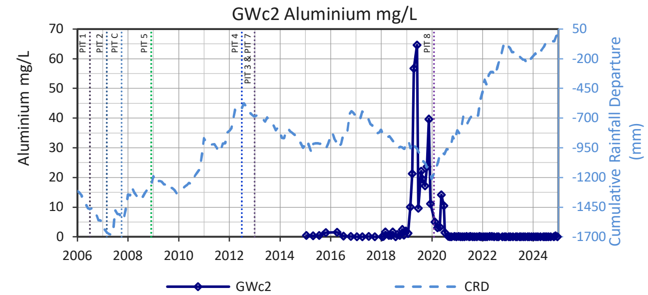

GWc1 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

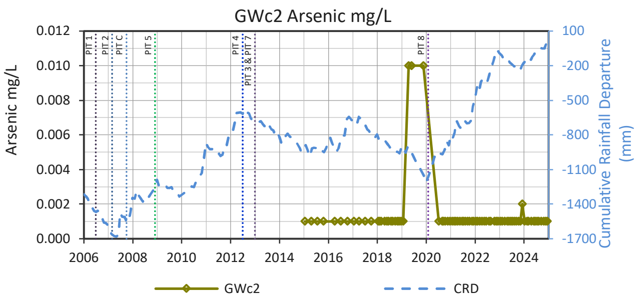

GWc1 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

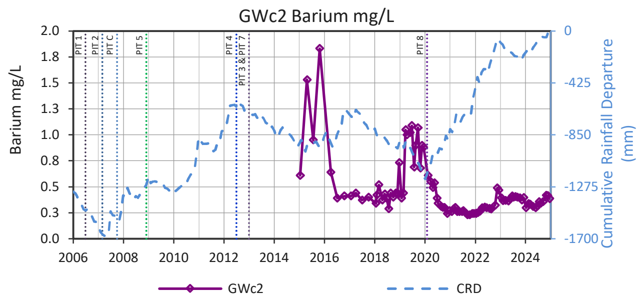

GWc1 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

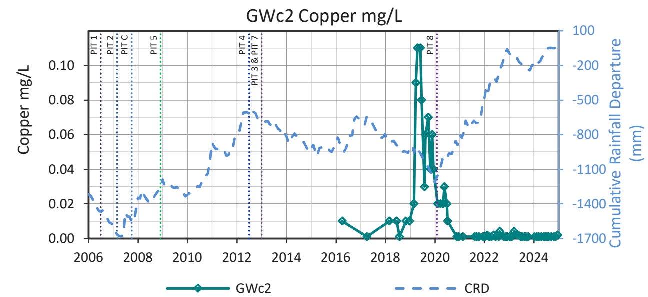

GWc2 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc2
CRD

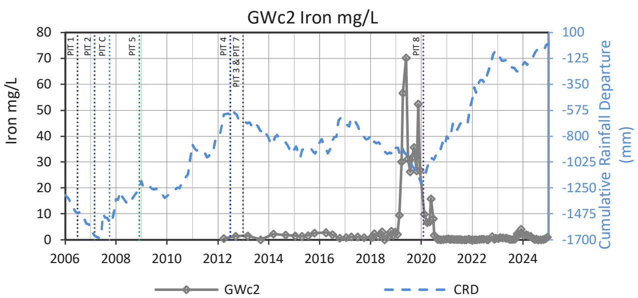

GWc2 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc2
CRD

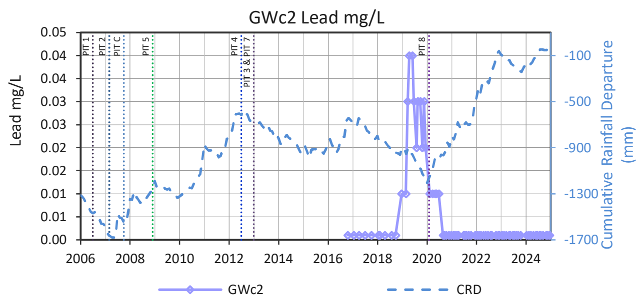

GWc2 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

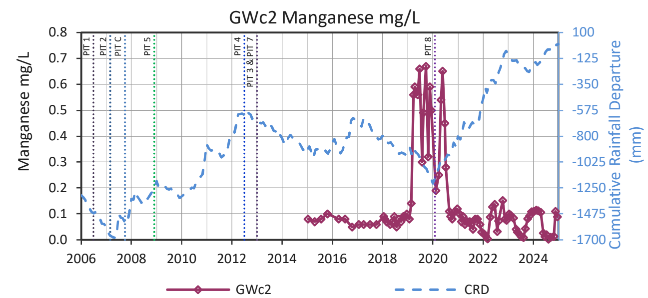

GWc2 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

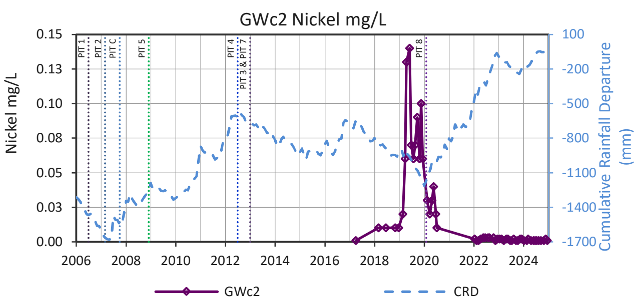

GWc2 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

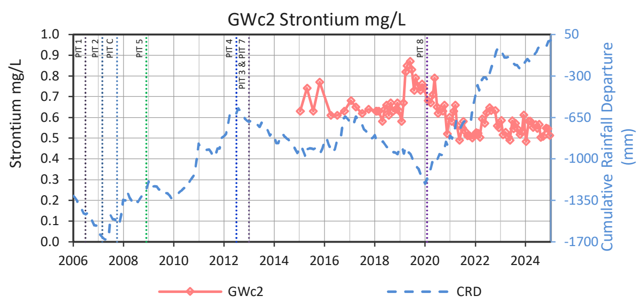

GWc2 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

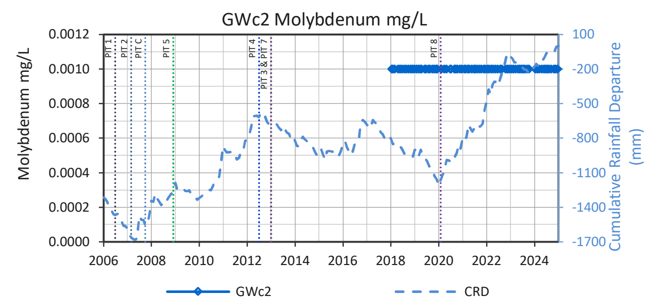

GWc2 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

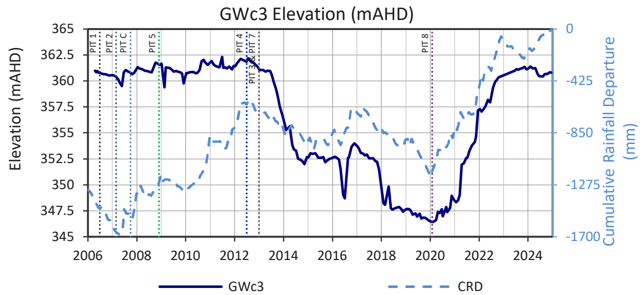

GWc2 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

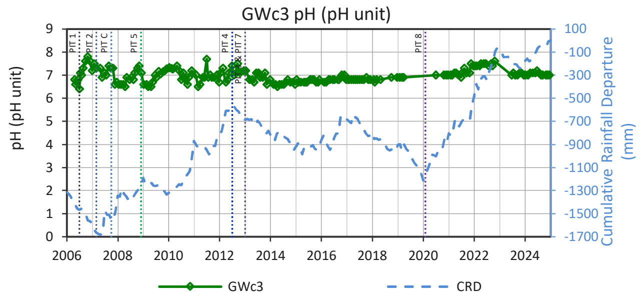

GWc2 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

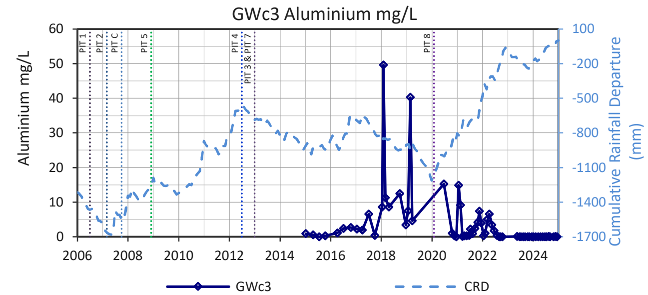

GWc2 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

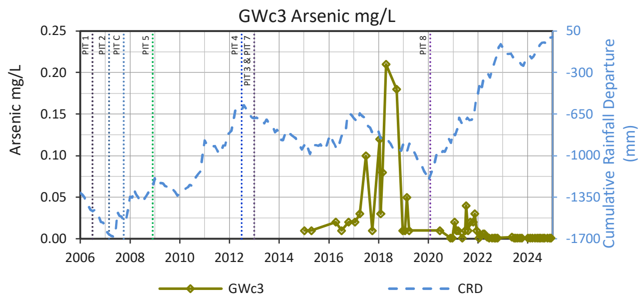

GWc2 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

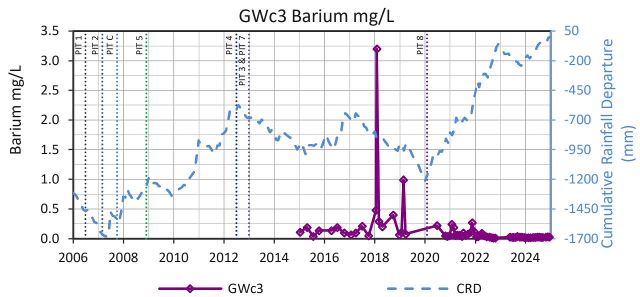

GWc2 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

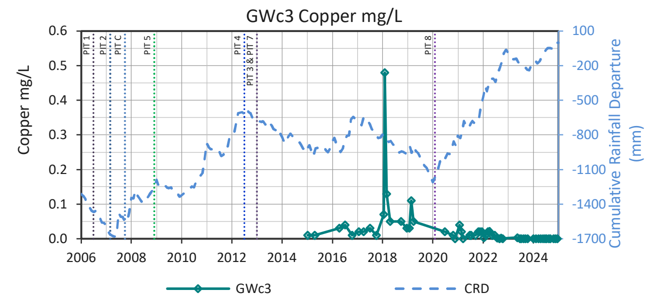

GWc3 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc3
CRD

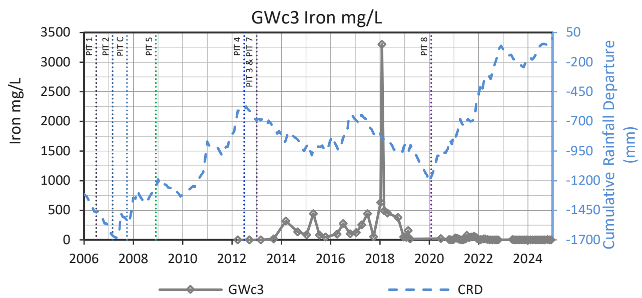

GWc3 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc3
CRD

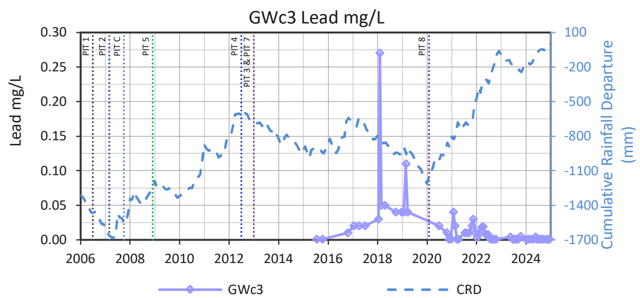

GWc3 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

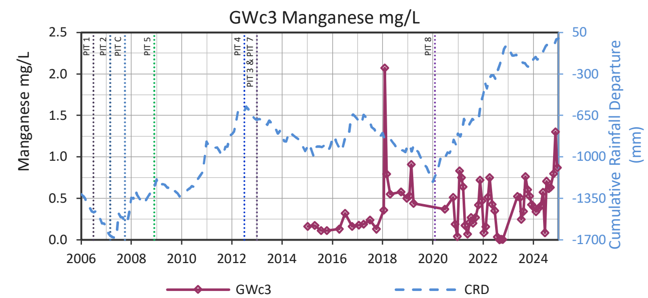

GWc3 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

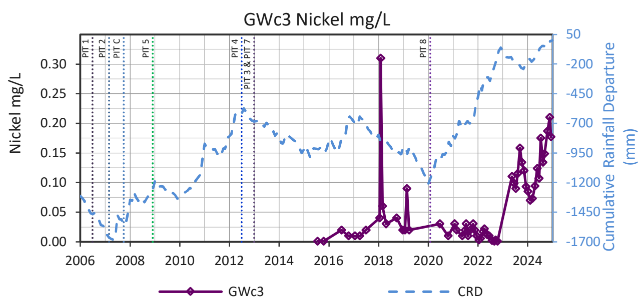

GWc3 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

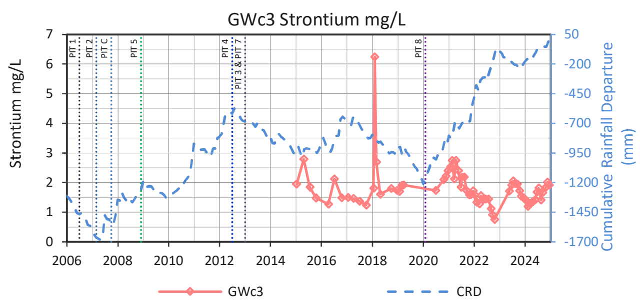

GWc3 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

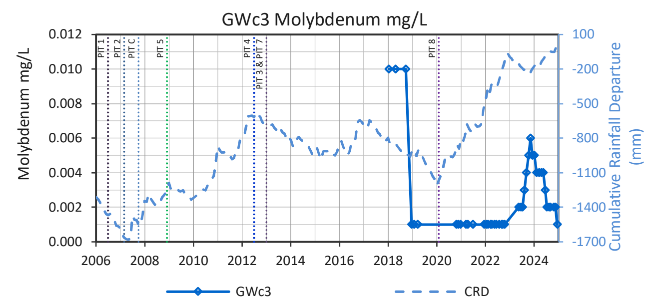

GWc3 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

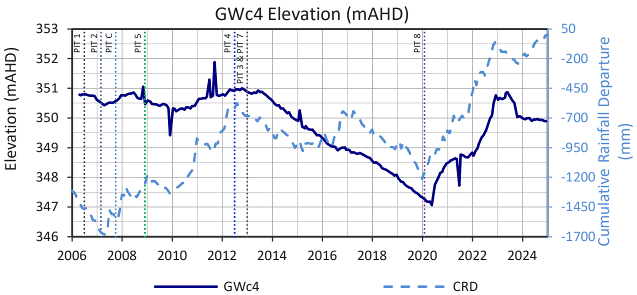

GWc3 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

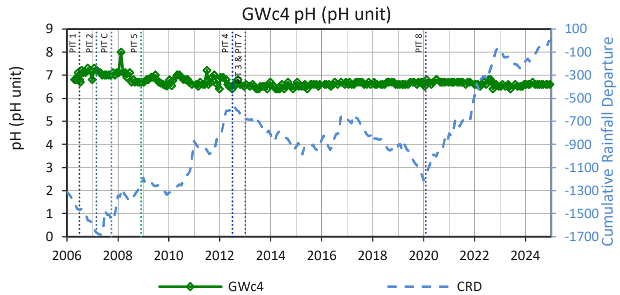

GWc3 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

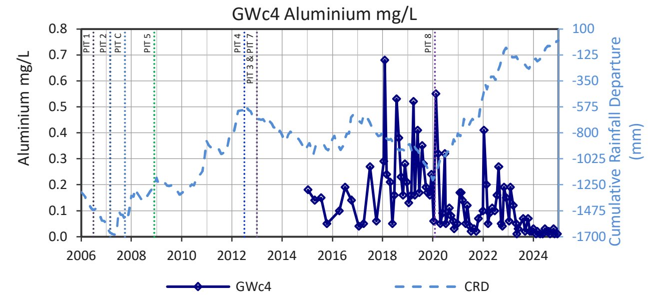

GWc3 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

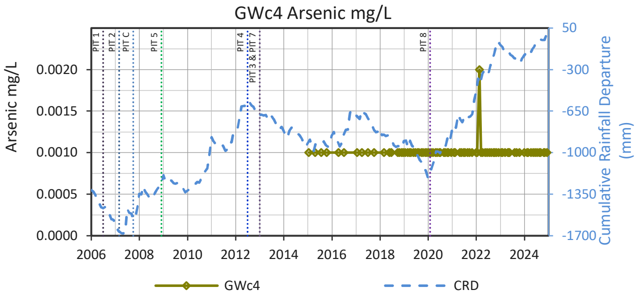

GWc3 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

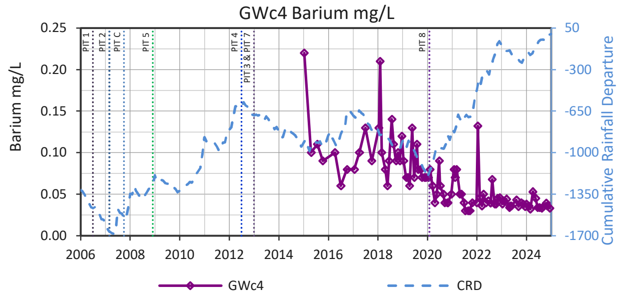

GWc3 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

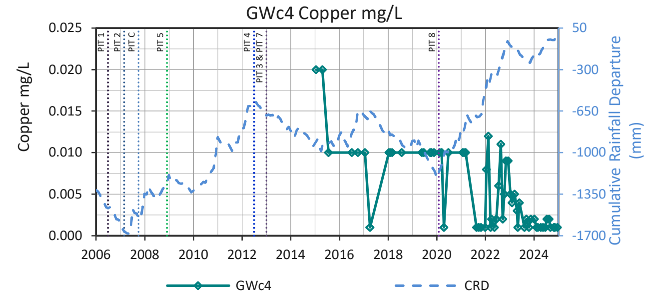

GWc4 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc4
CRD

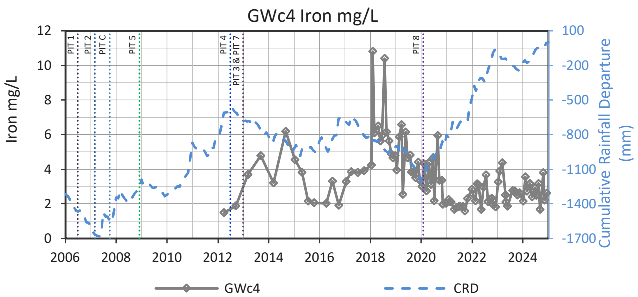

GWc4 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc4
CRD

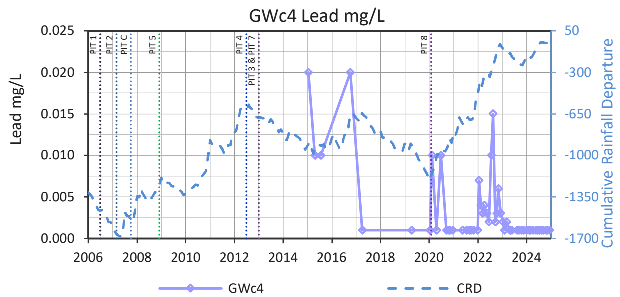

GWc4 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

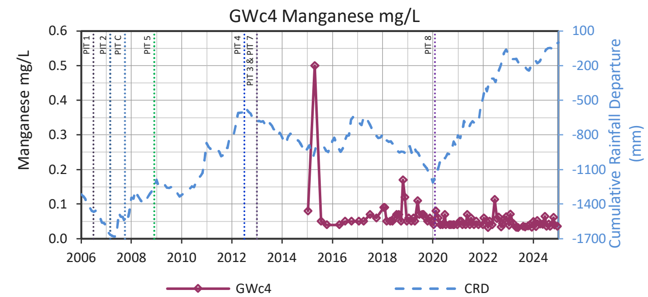

GWc4 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

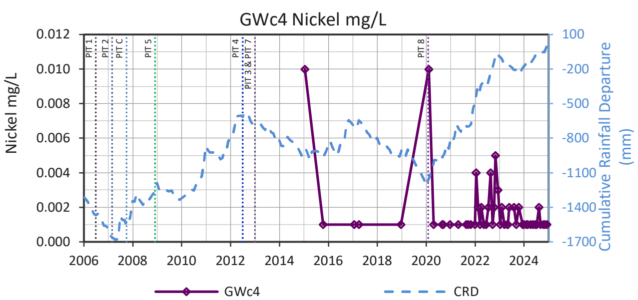

GWc4 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

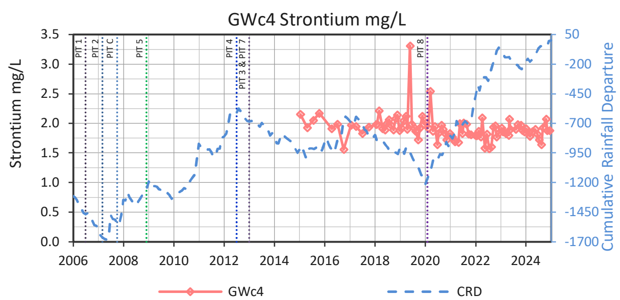

GWc4 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

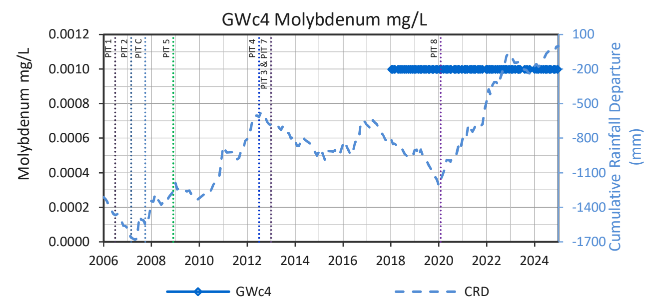

GWc4 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

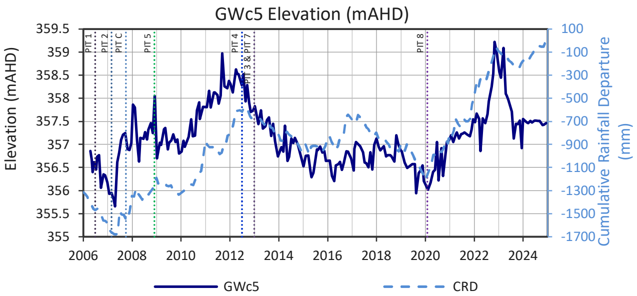

GWc4 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

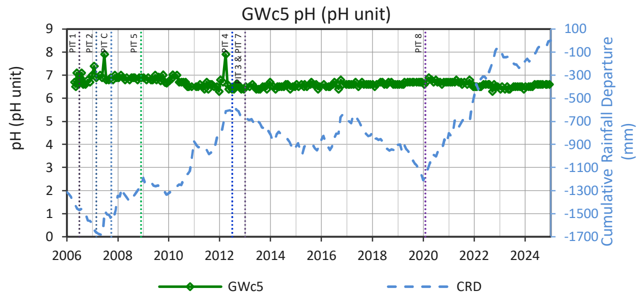

GWc4 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

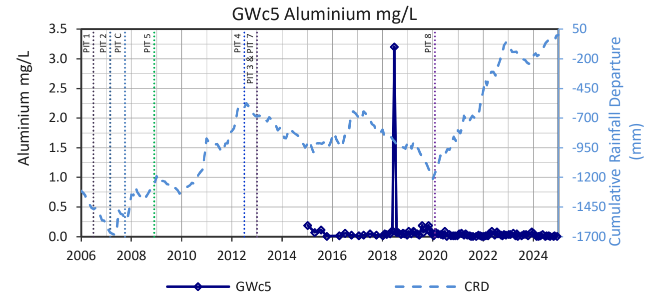

GWc4 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

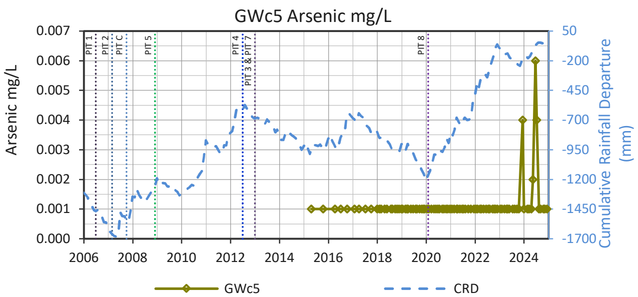

GWc4 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

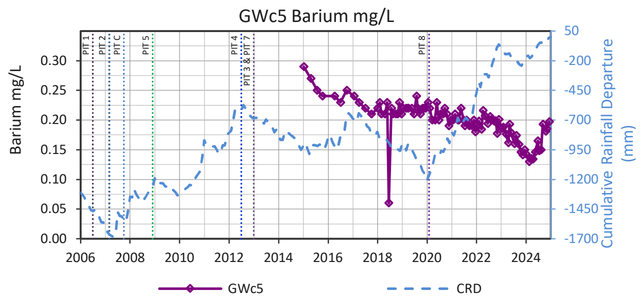

GWc4 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

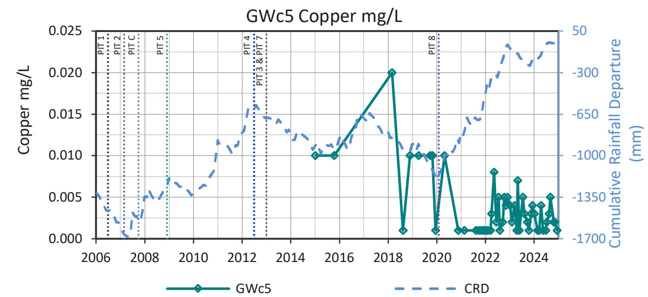

GWc5 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc5
CRD

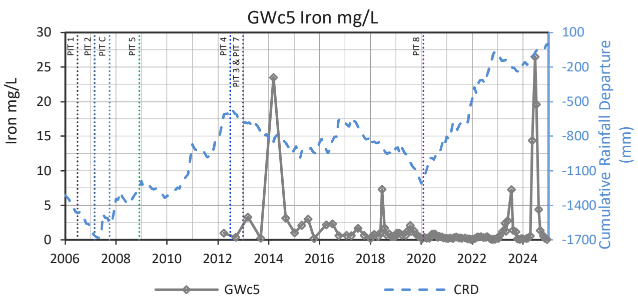

GWc5 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc5
CRD

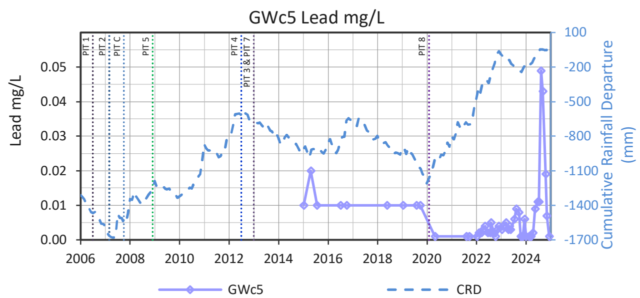

GWc5 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

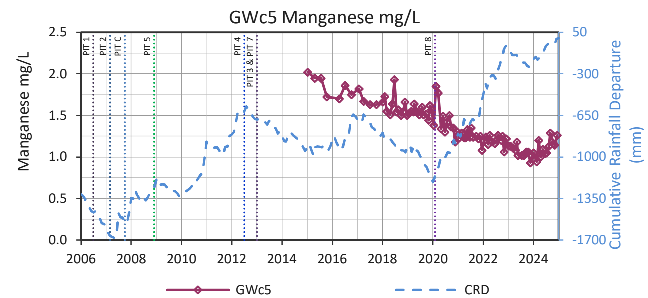

GWc5 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

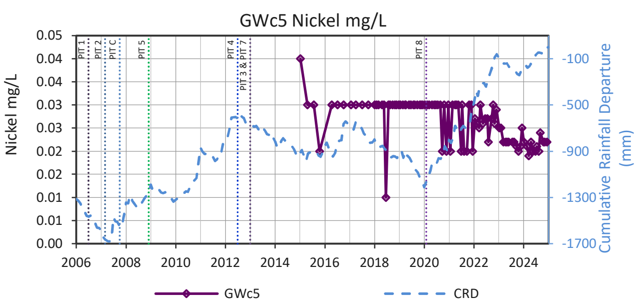

GWc5 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

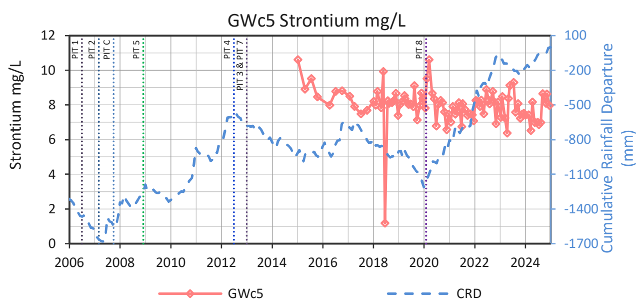

GWc5 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

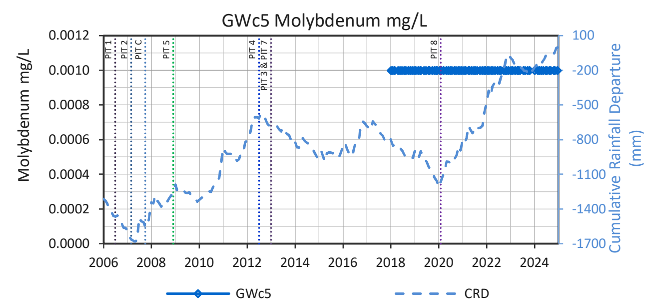

GWc5 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

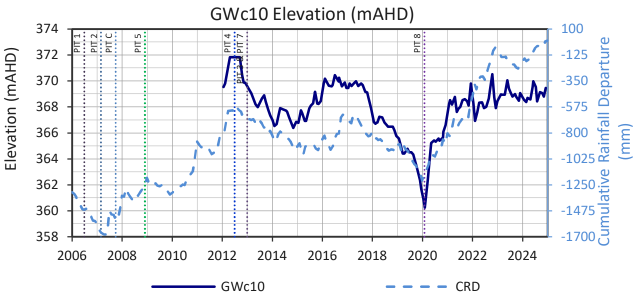

GWc5 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

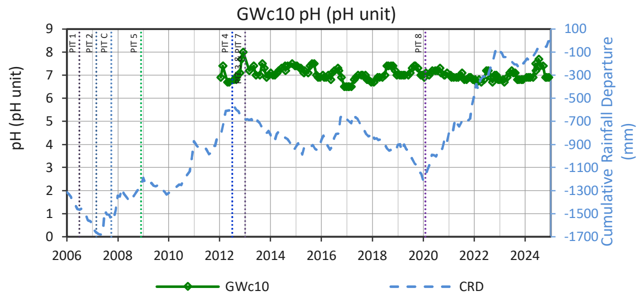

GWc5 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

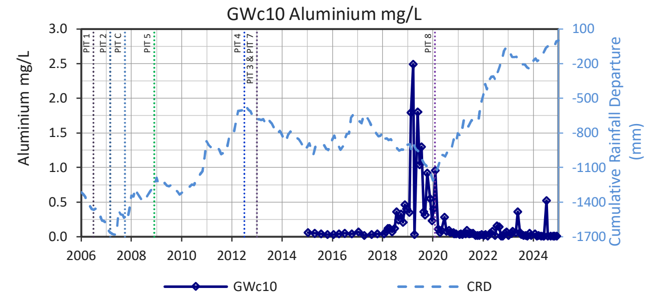

GWc5 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

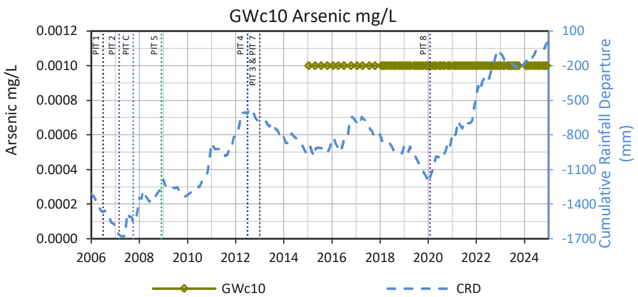

GWc5 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

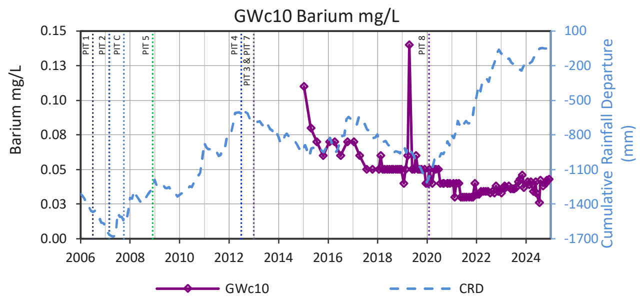

GWc5 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

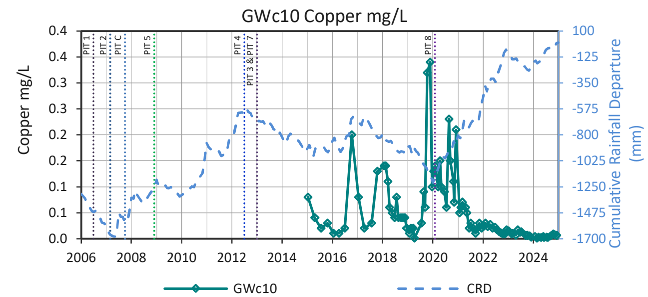

GWc10 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc10
CRD

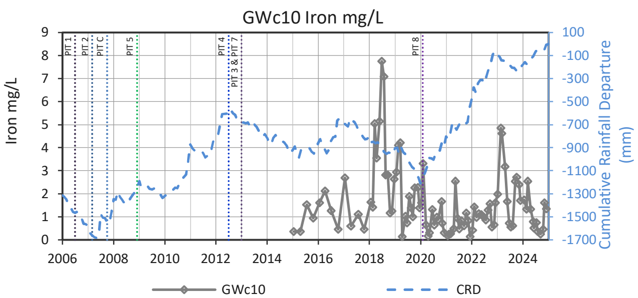

GWc10 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc10
CRD

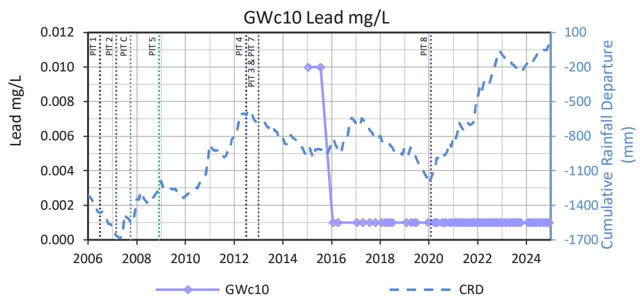

GWc10 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

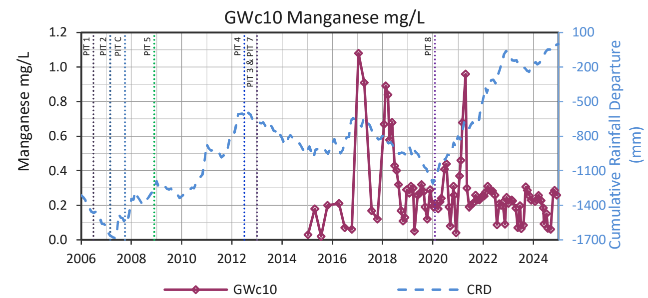

GWc10 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

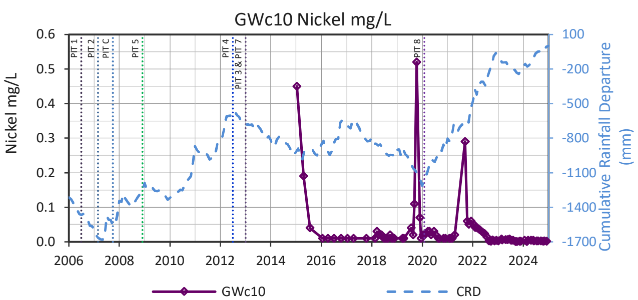

GWc10 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

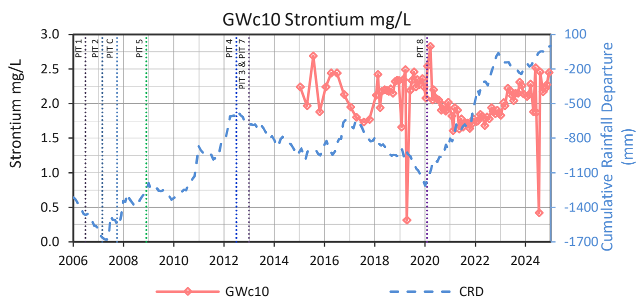

GWc10 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

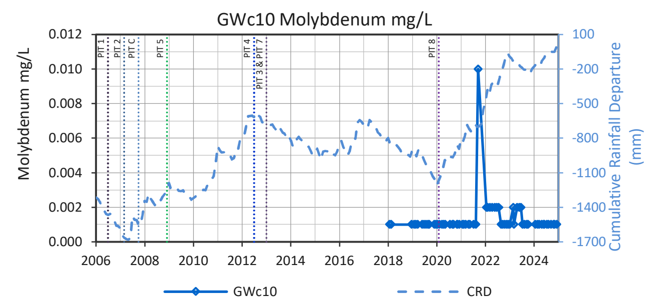

GWc10 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

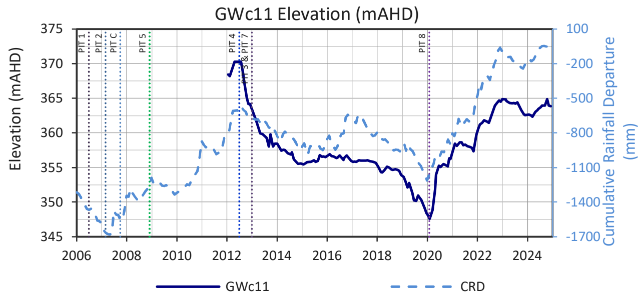

GWc10 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

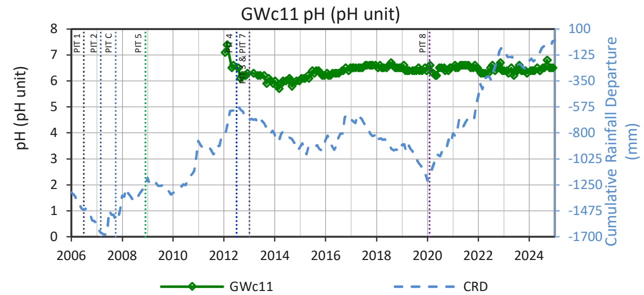

GWc10 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

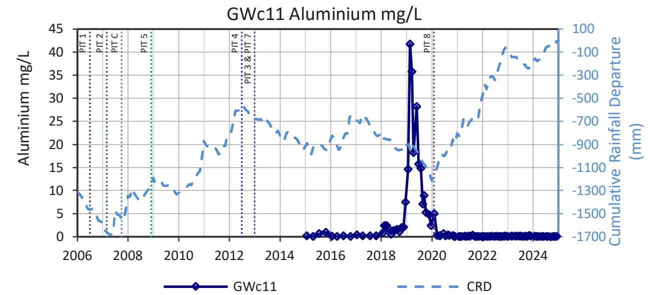

GWc10 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

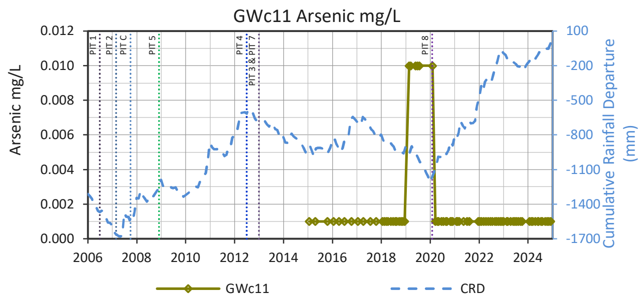

GWc10 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

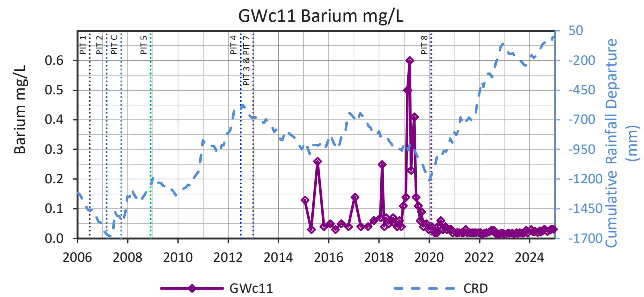

GWc10 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

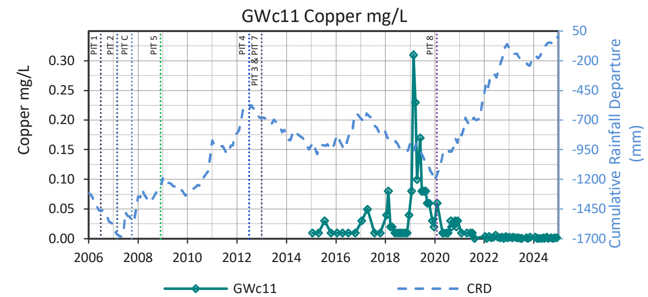

GWc11 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc11
CRD

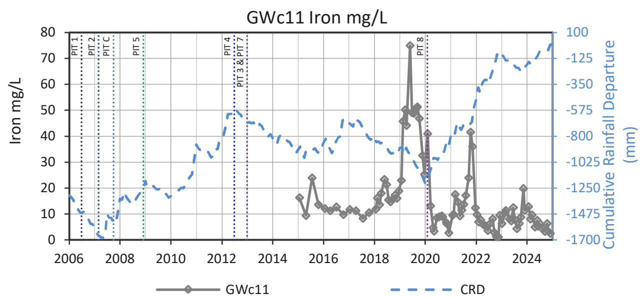

GWc11 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc11
CRD

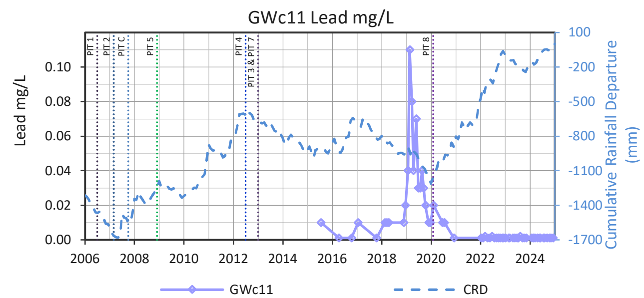

GWc11 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc11
CRD

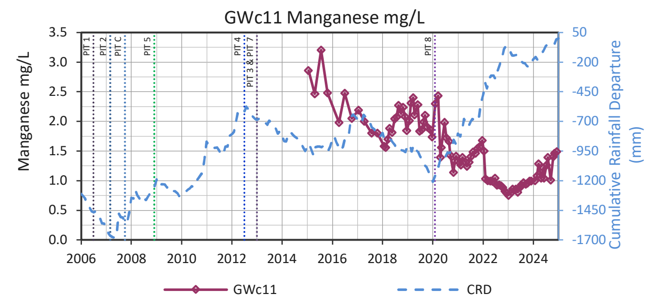

GWc11 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc11
CRD

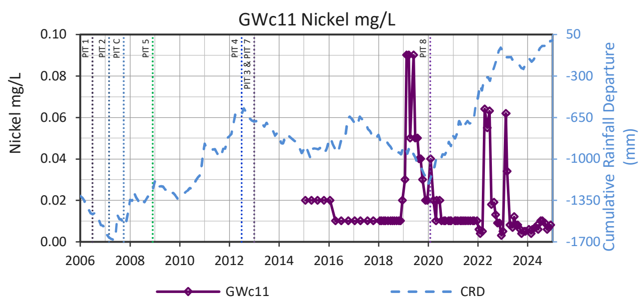

GWc11 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc11
CRD

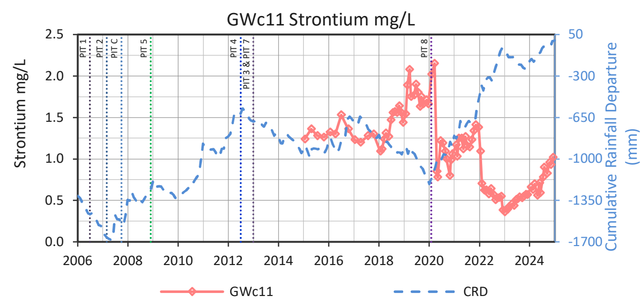

GWc11 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc11
CRD

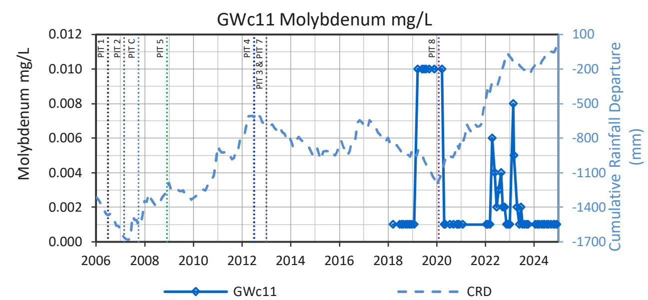

GWc11 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc11
CRD

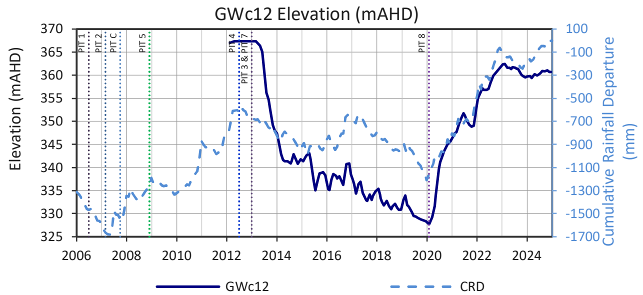

GWc11 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc11
CRD

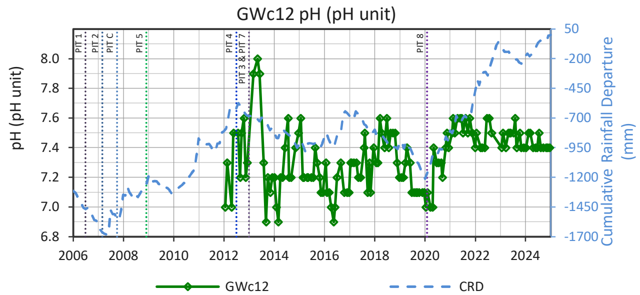

GWc11 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc11
CRD

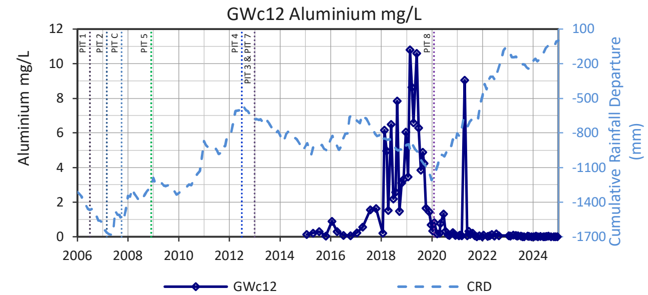

GWc11 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc11
CRD

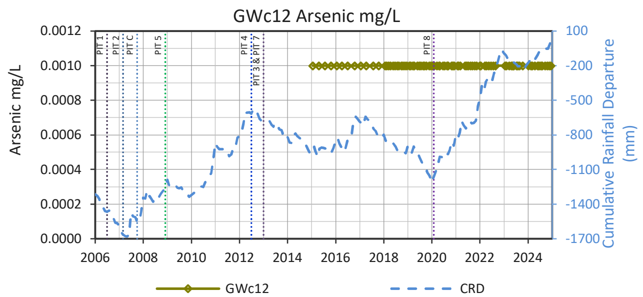

GWc11 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc11
CRD

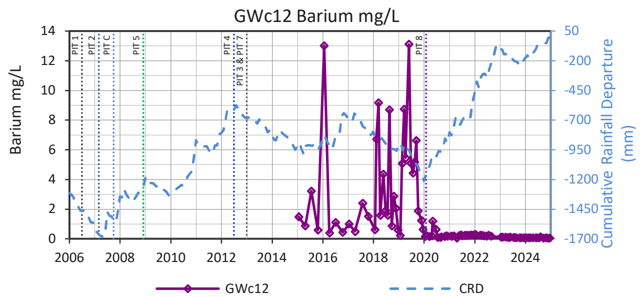

GWc11 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc11
CRD

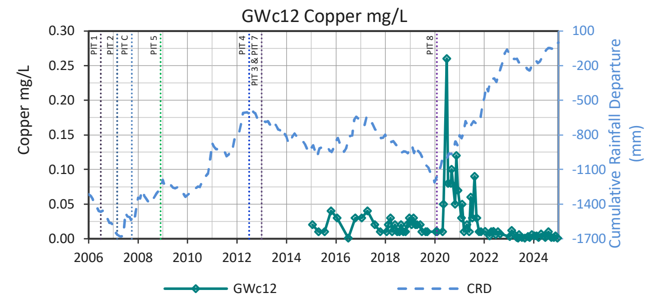

GWc12 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc12
CRD

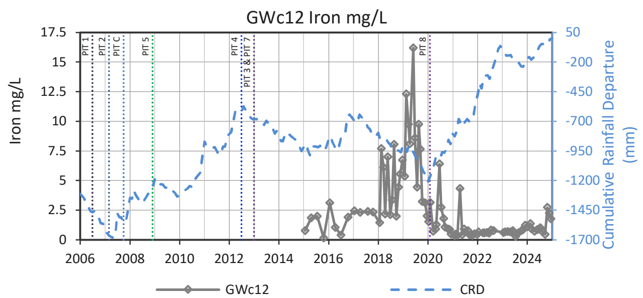

GWc12 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc12
CRD

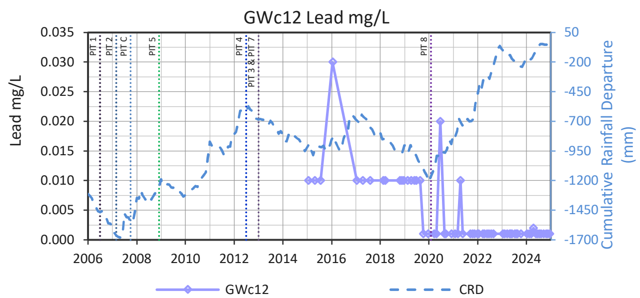

GWc12 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

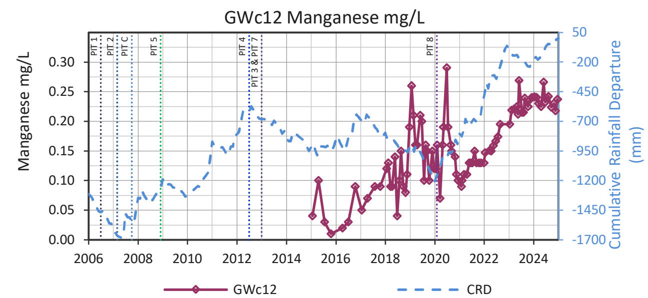

GWc12 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

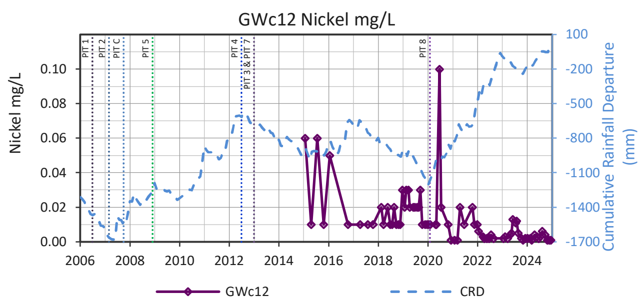

GWc12 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

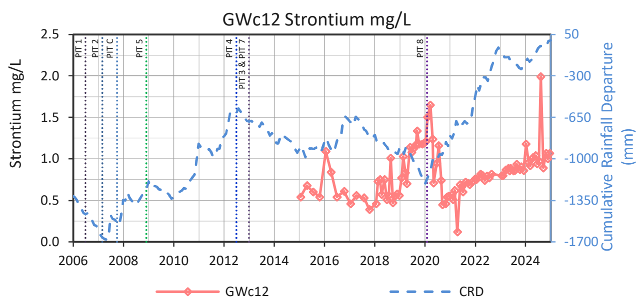

GWc12 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

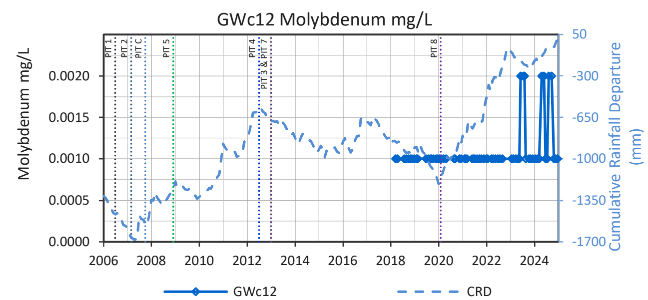

GWc12 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

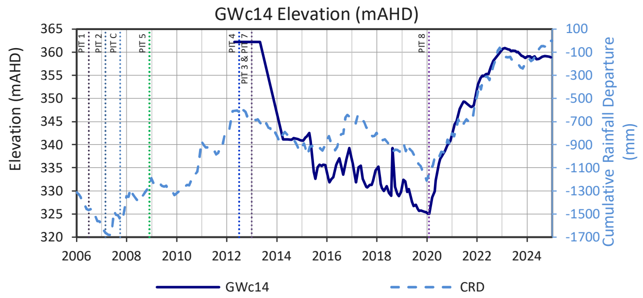

GWc12 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

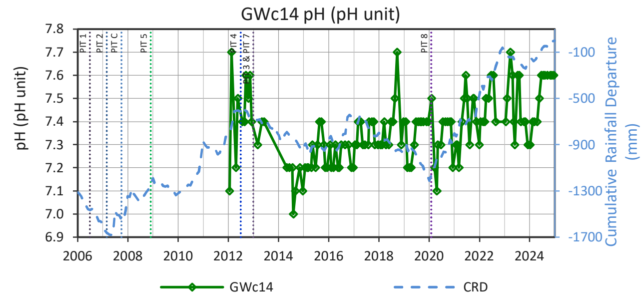

GWc12 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

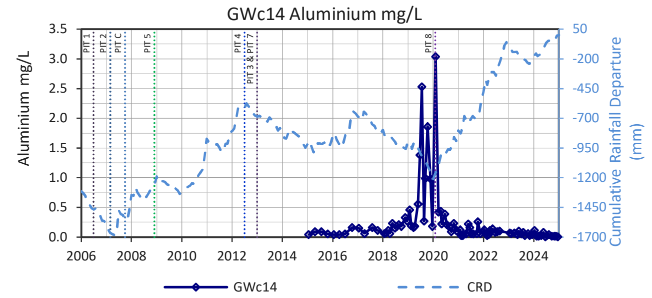

GWc12 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

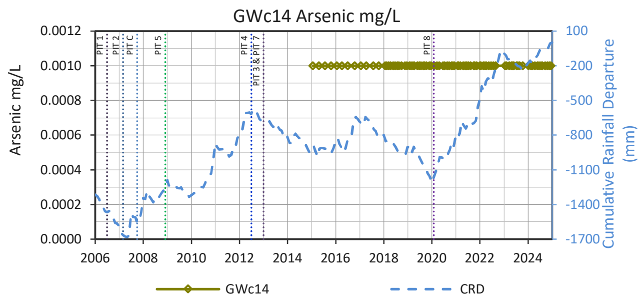

GWc12 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

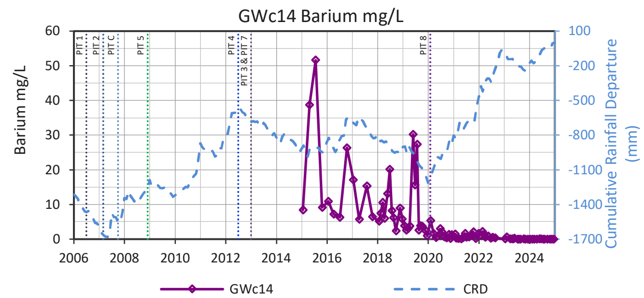

GWc12 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

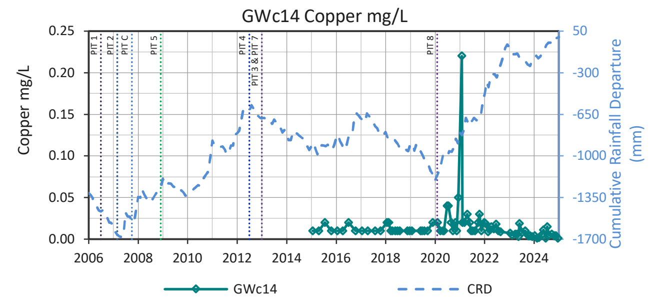

GWc14 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc14
CRD

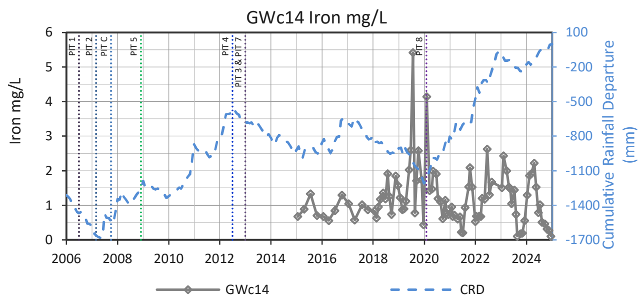

GWc14 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc14
CRD

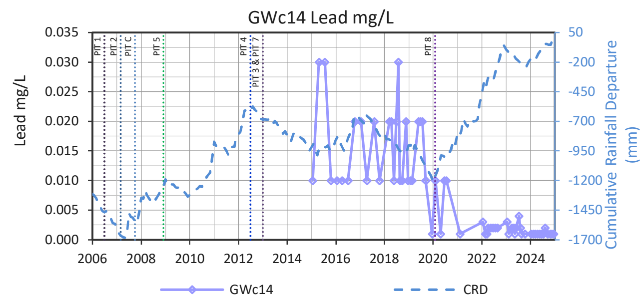

GWc14 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

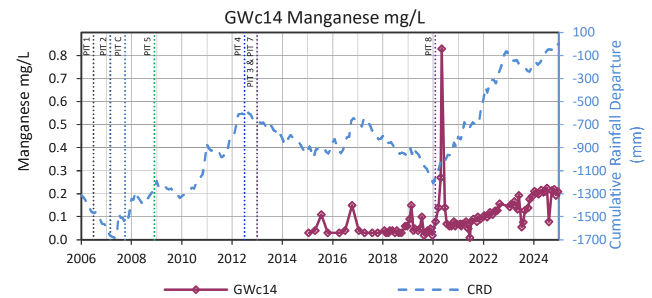

GWc14 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

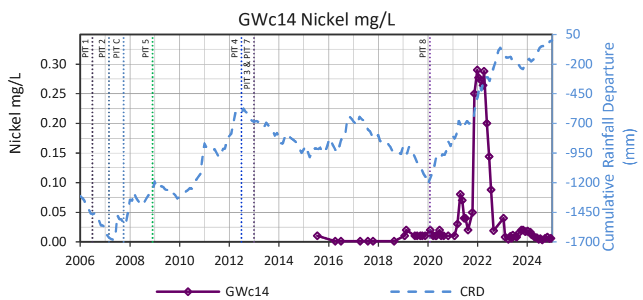

GWc14 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

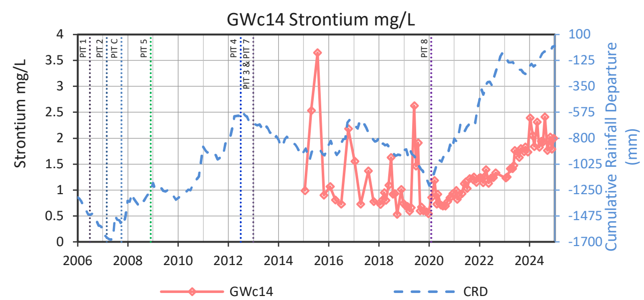

GWc14 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

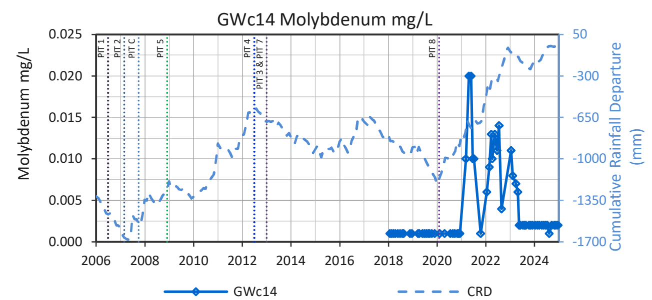

GWc14 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

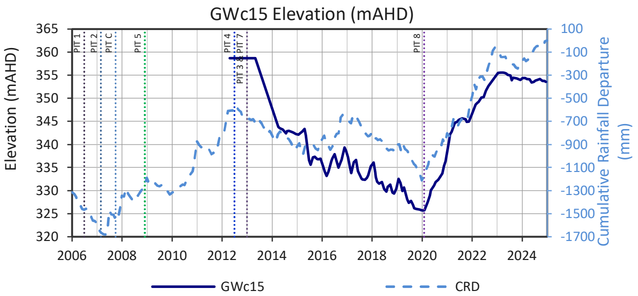

GWc14 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

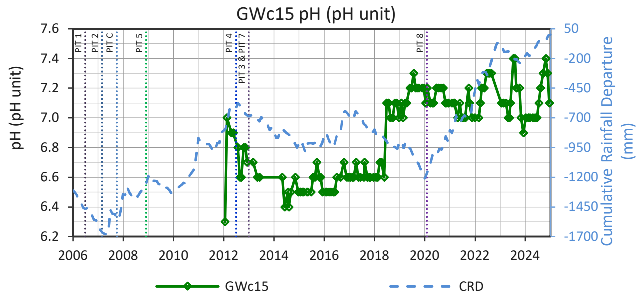

GWc14 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

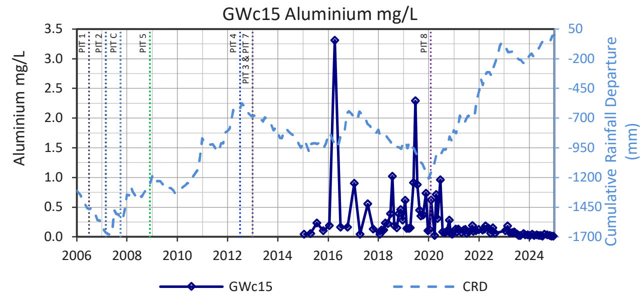

GWc14 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

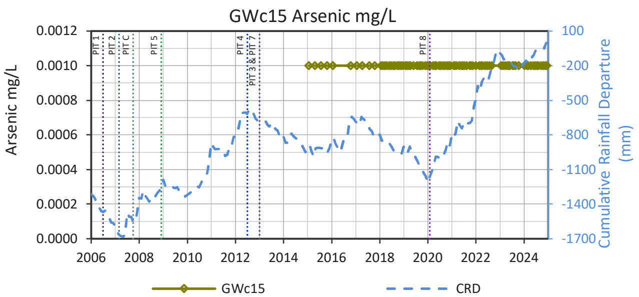

GWc14 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

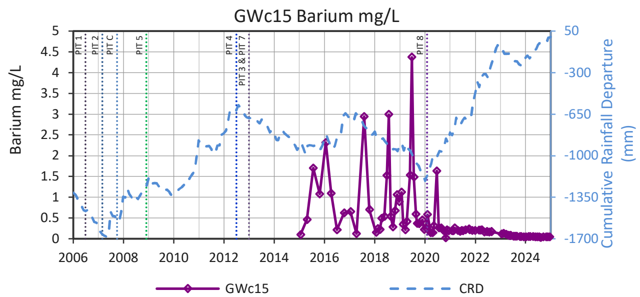

GWc14 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

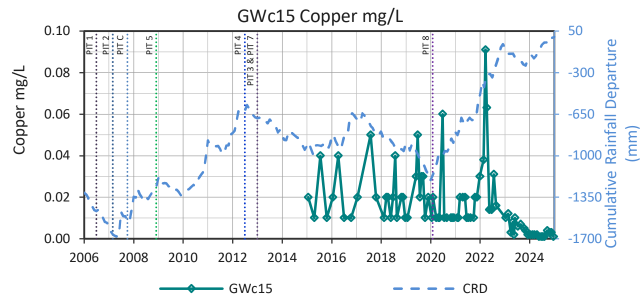

GWc15 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc15
CRD

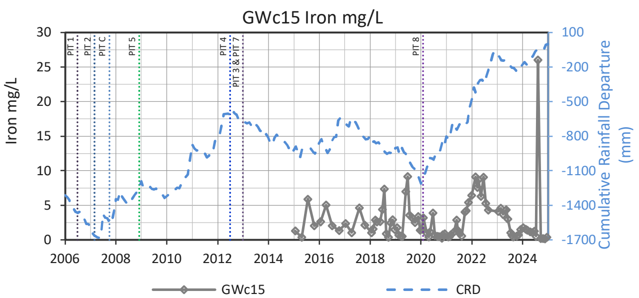

GWc15 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc15
CRD

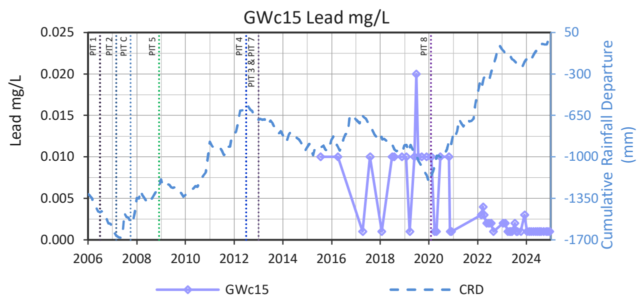

GWc15 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

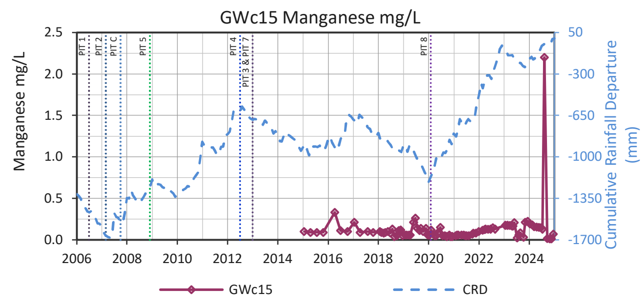

GWc15 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

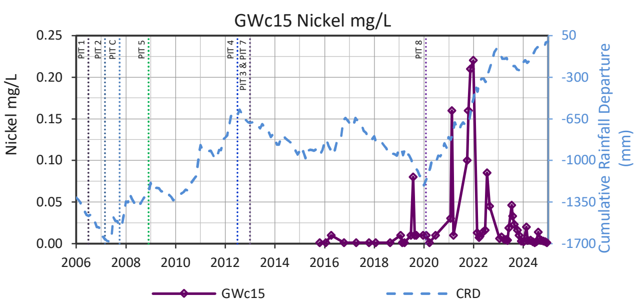

GWc15 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

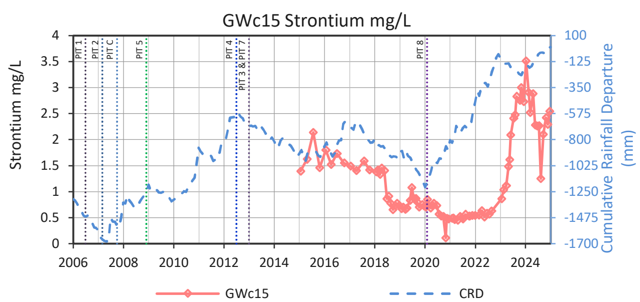

GWc15 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

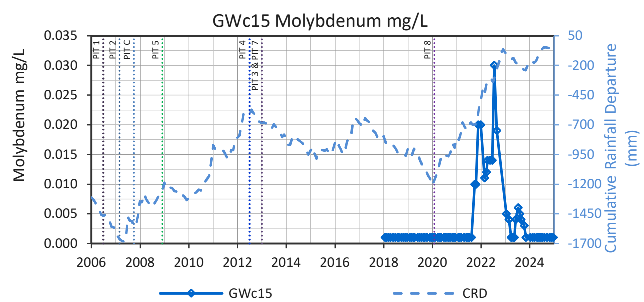

GWc15 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

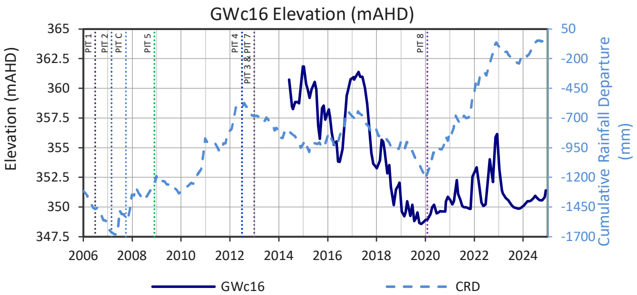

GWc15 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

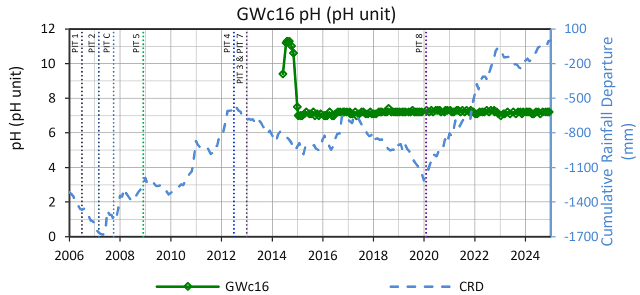

GWc15 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

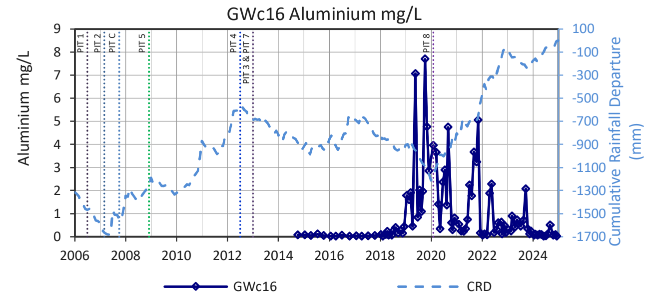

GWc15 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

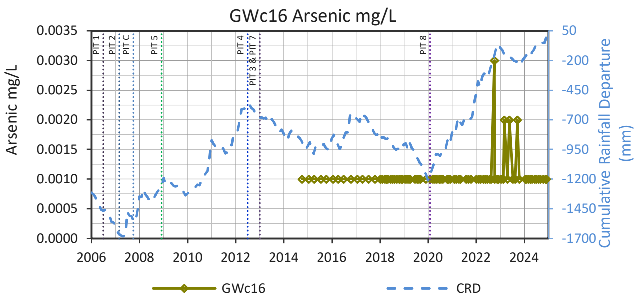

GWc15 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

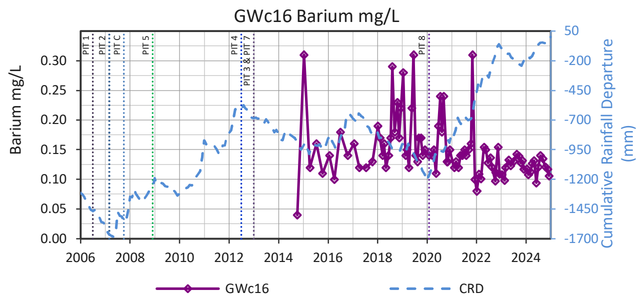

GWc15 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

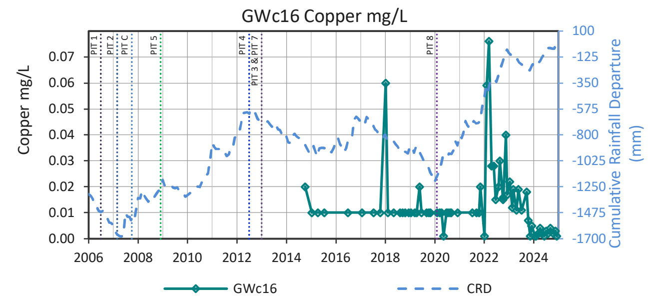

GWc16 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc16
CRD

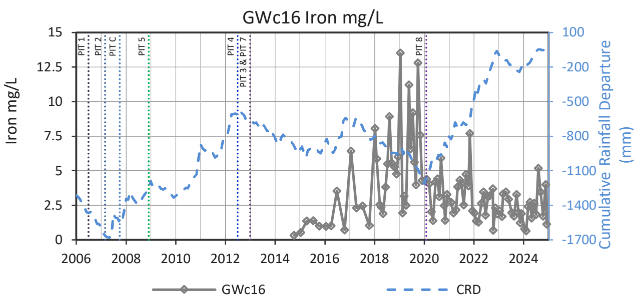

GWc16 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc16
CRD

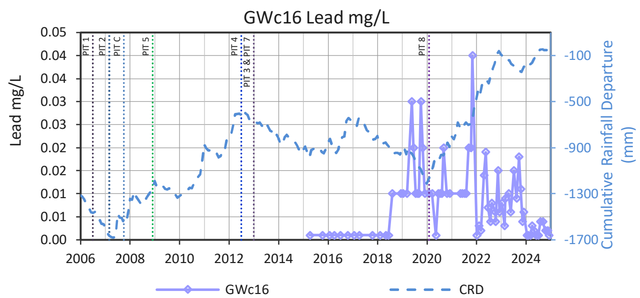

GWc16 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

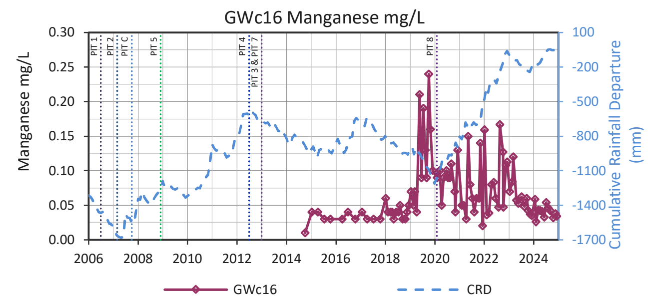

GWc16 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

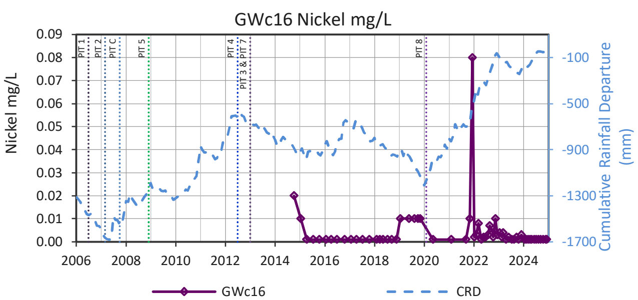

GWc16 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

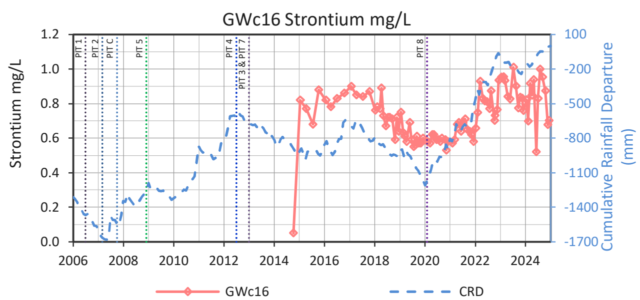

GWc16 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

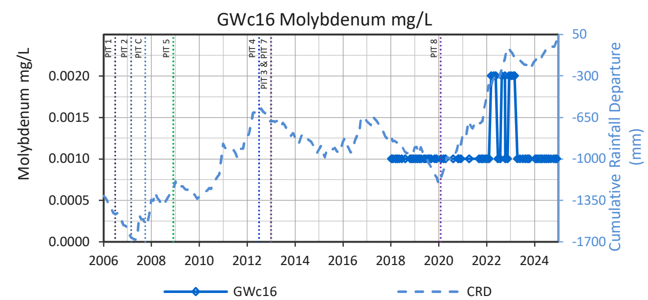

GWc16 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

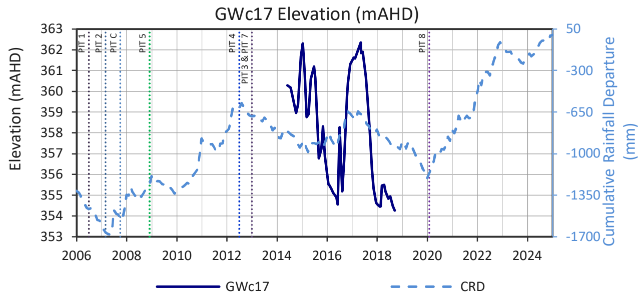

GWc16 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

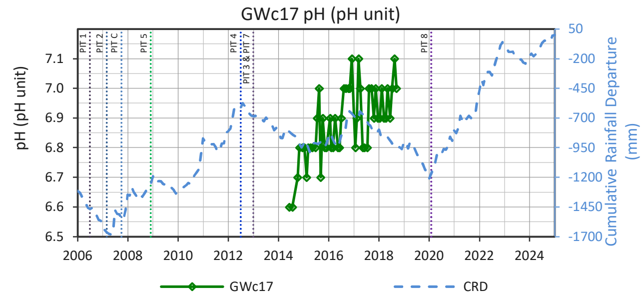

GWc16 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

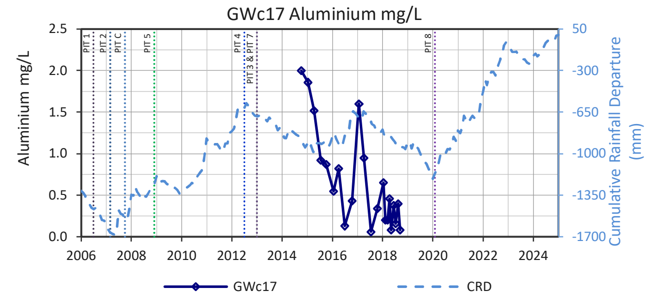

GWc16 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

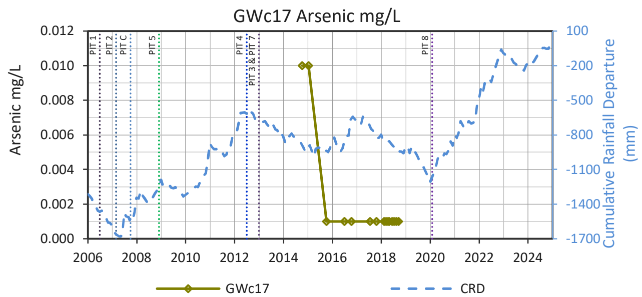

GWc16 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

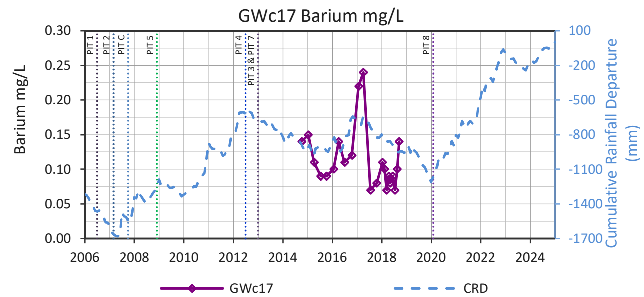

GWc16 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

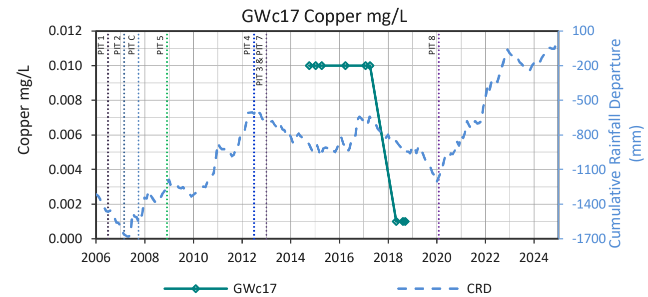

GWc17 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc17
CRD

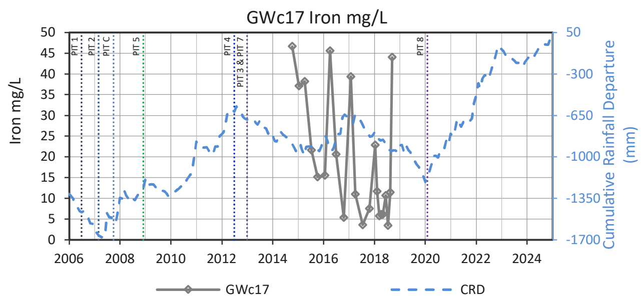

GWc17 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc17
CRD

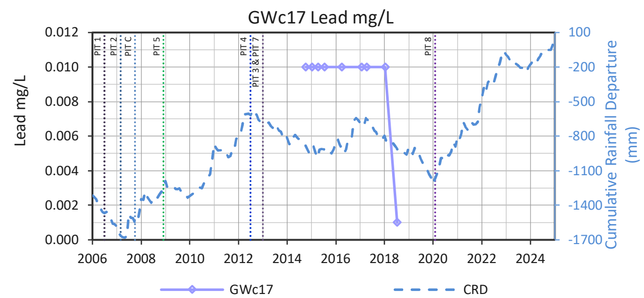

GWc17 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

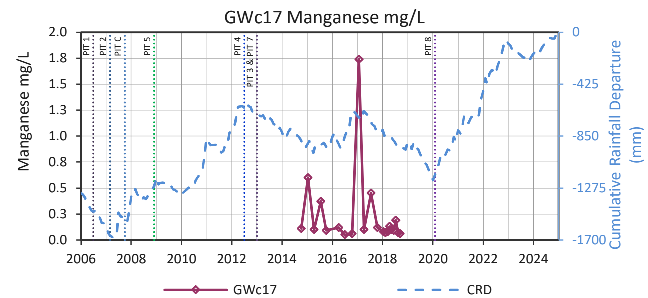

GWc17 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

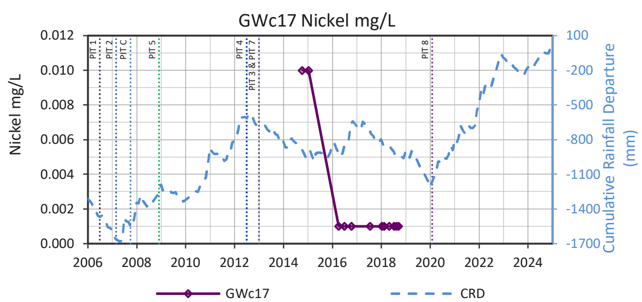

GWc17 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

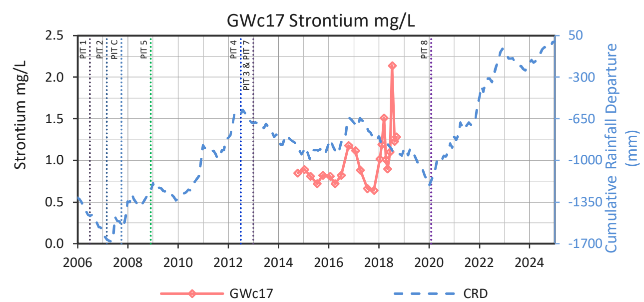

GWc17 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

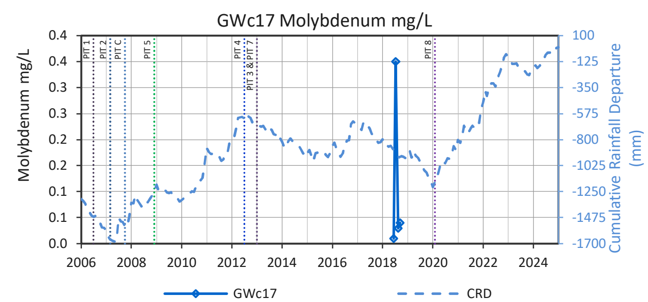

GWc17 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

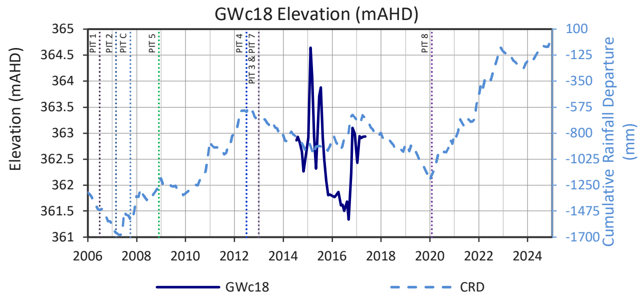

GWc17 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

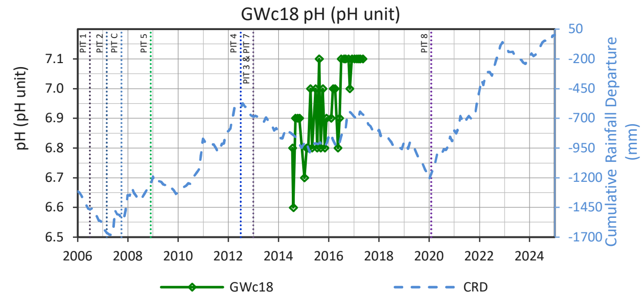

GWc17 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

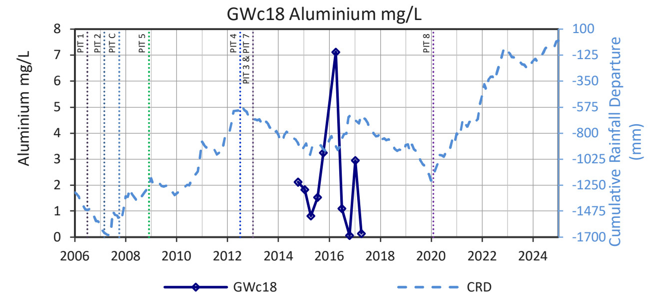

GWc17 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

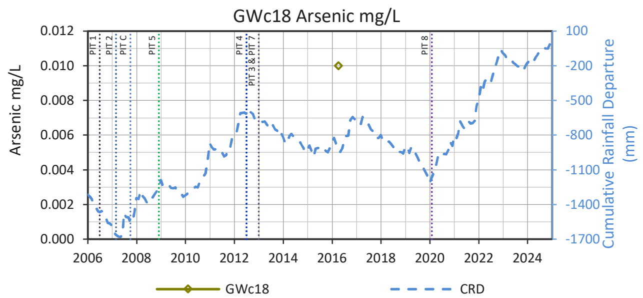

GWc17 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

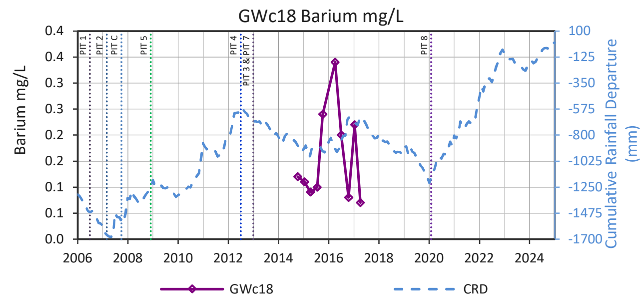

GWc17 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

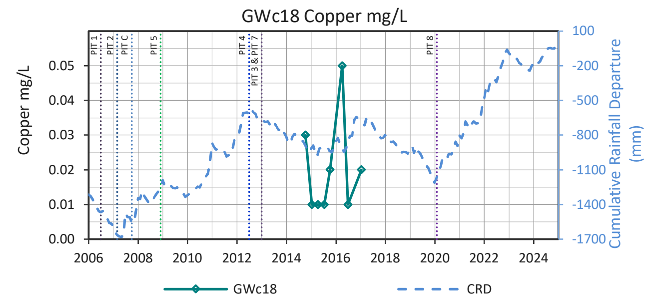


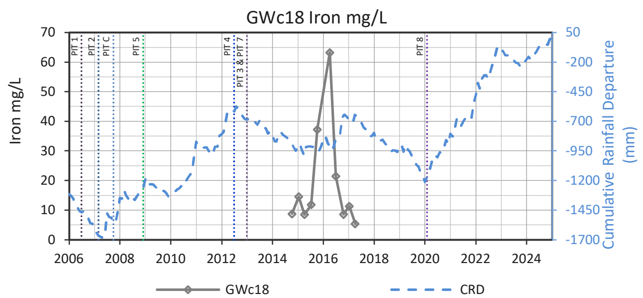



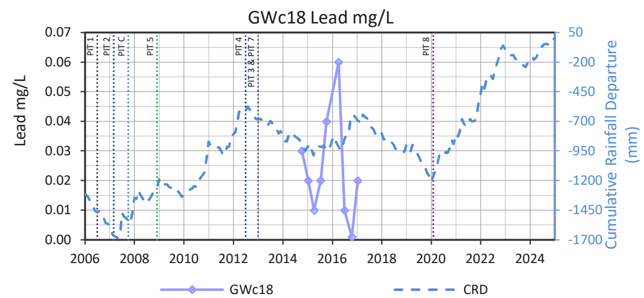



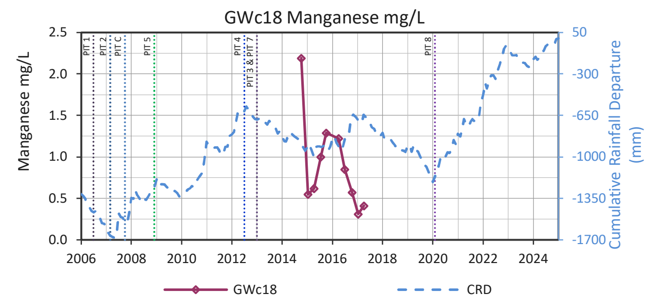



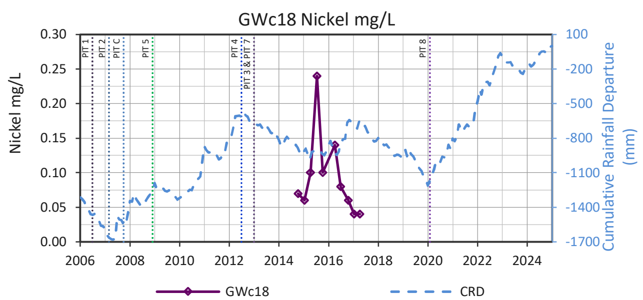



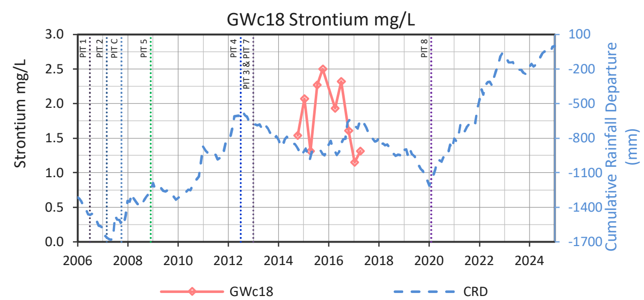



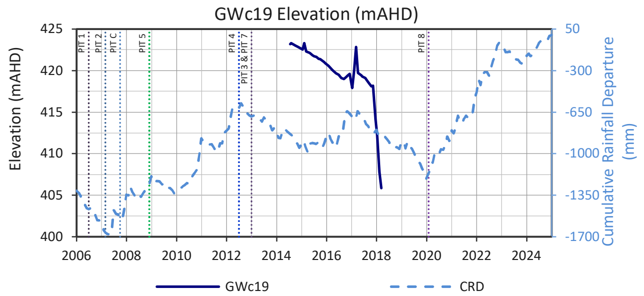



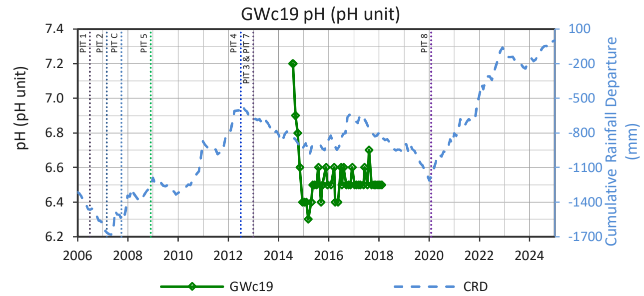



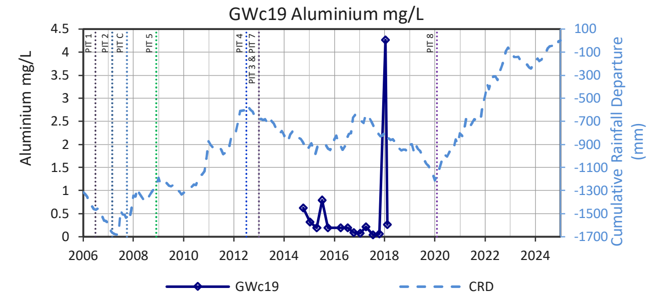



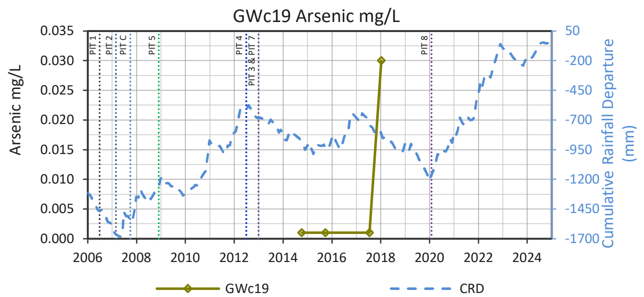

GWc18

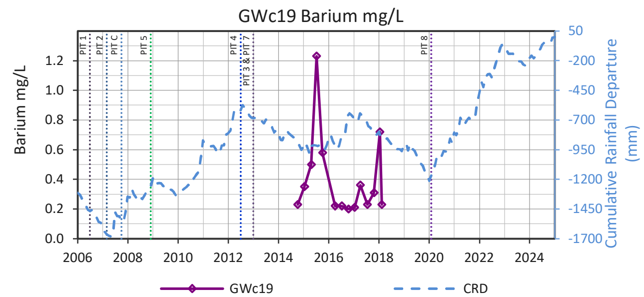
No Data Available for Molybdenum mg/L

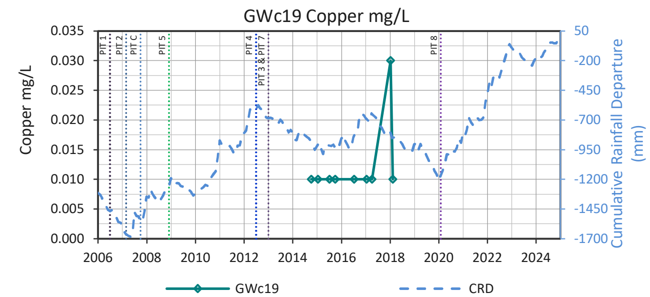

GWc19 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD

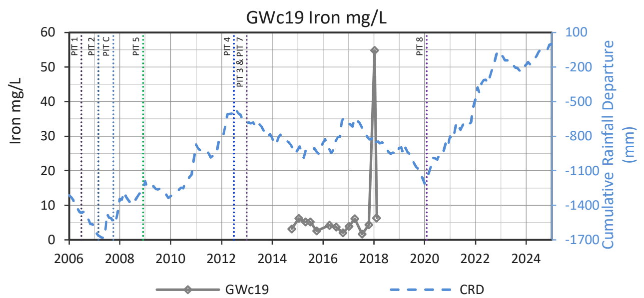

GWc19 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD

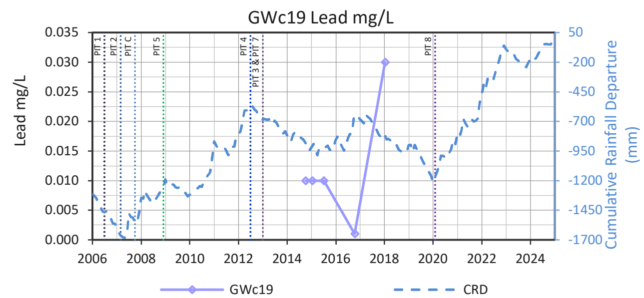

GWc19 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD

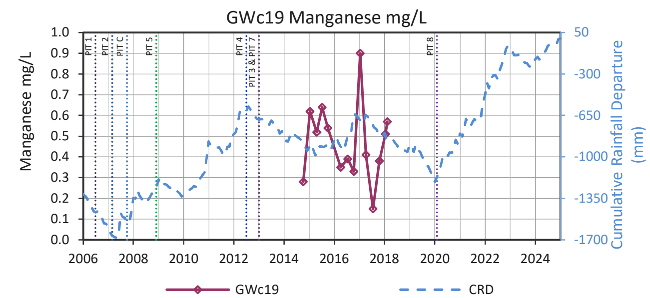

GWc19 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD

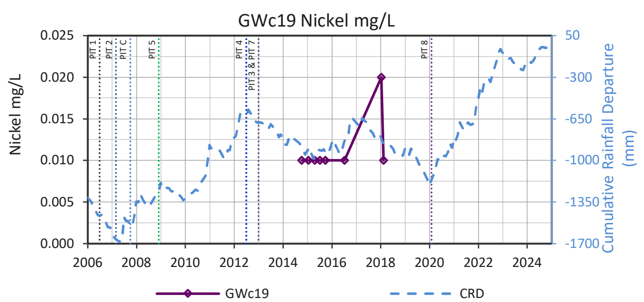

GWc19 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD

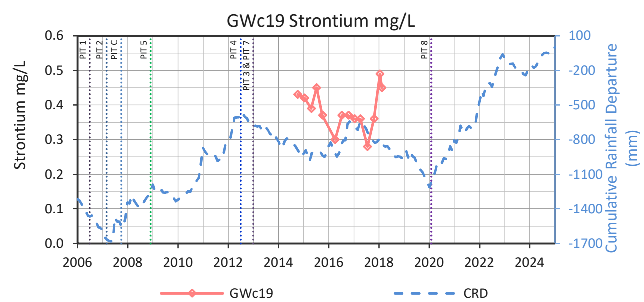

GWc19 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD

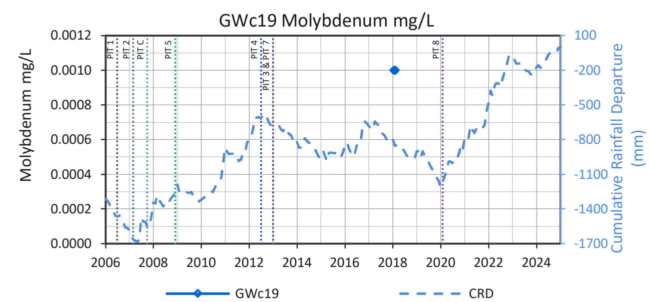

GWc19 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD


GWc19 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD

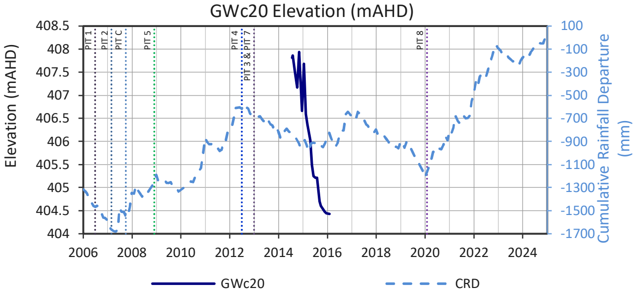

GWc19 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD


GWc19 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD

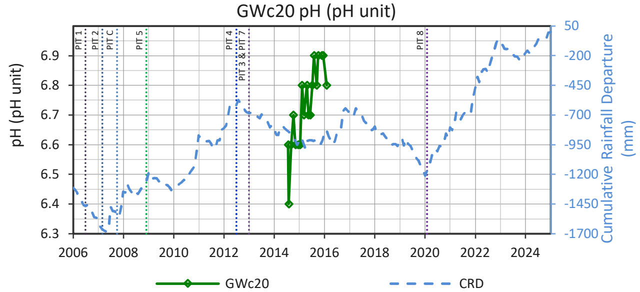

GWc19 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD


GWc19 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc19
CRD

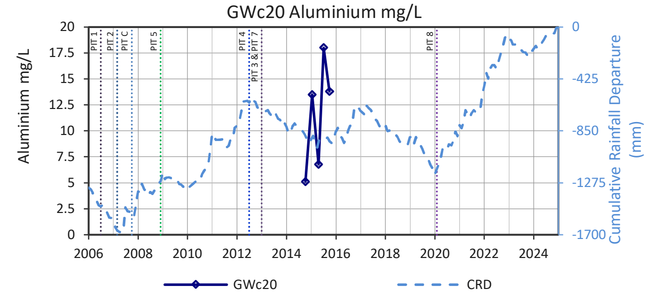
GWc20 Elevation (mAHD)



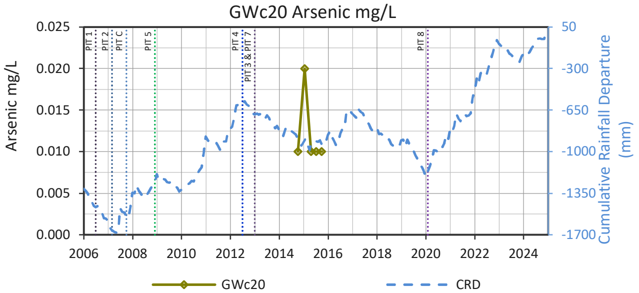

GWc20 pH (pH unit)



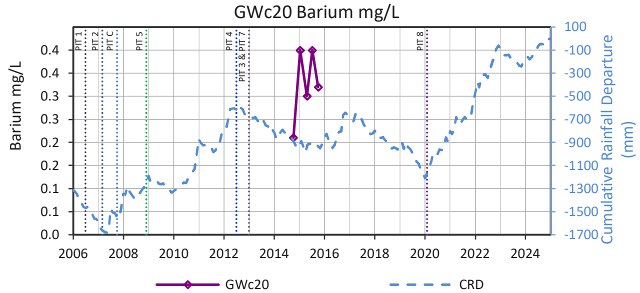

GWc20 Aluminium mg/L



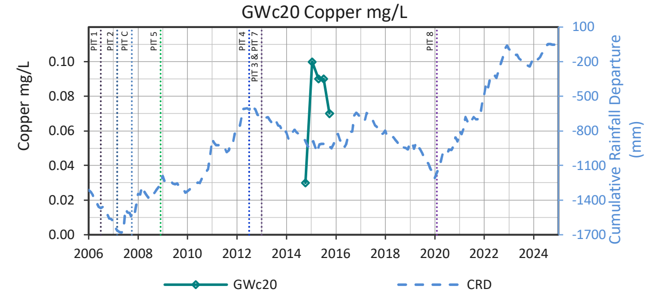

GWc20 Arsenic mg/L



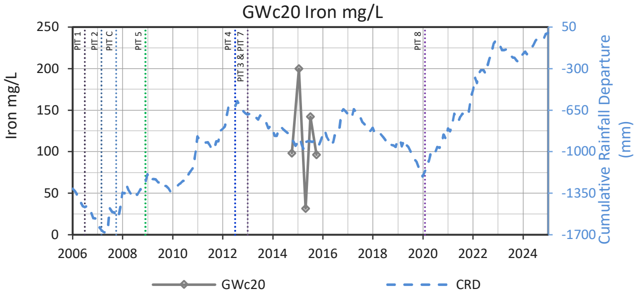

GWc20 Barium mg/L



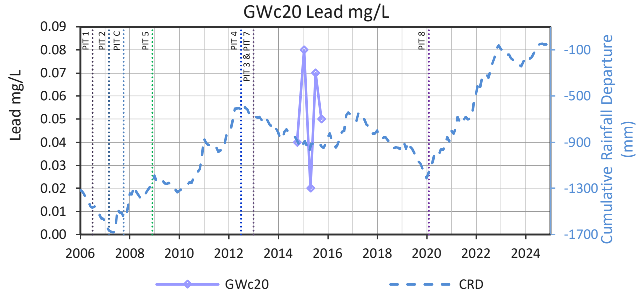

GWc20 Copper mg/L



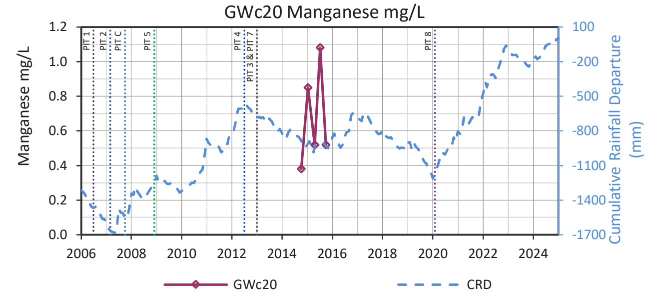

GWc20 Iron mg/L



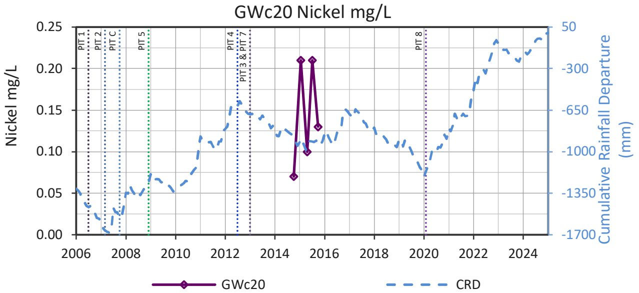

GWc20 Lead mg/L



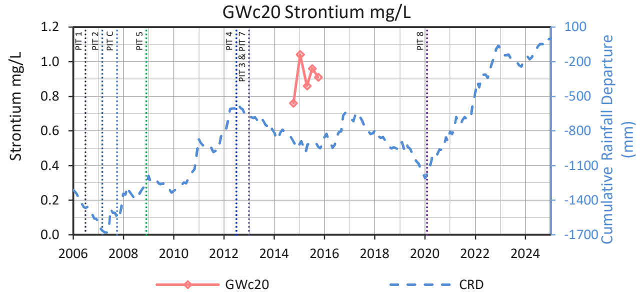

GWc20 Manganese mg/L




GWc20 Nickel mg/L

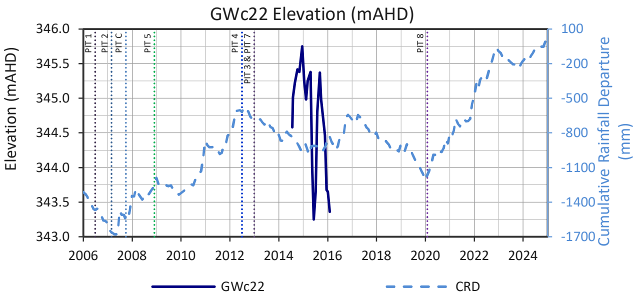


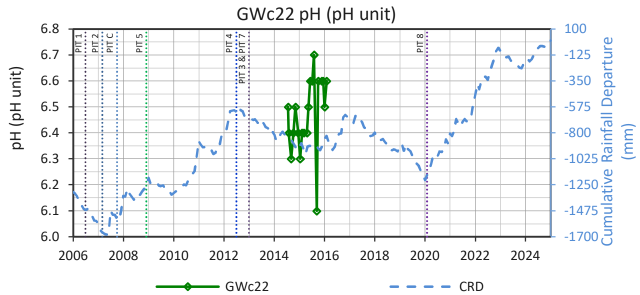

GWc20 Strontium mg/L

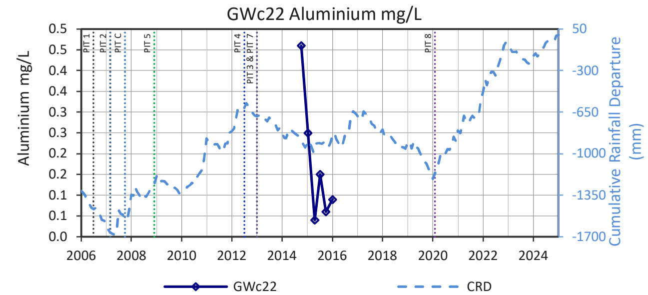


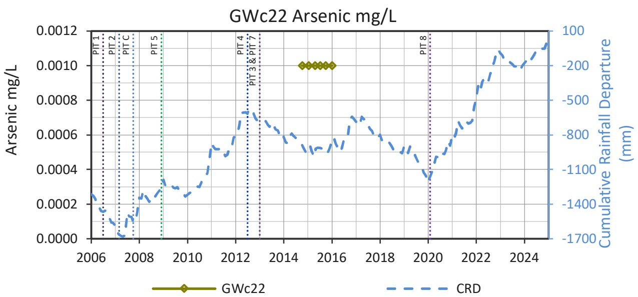

GWc20

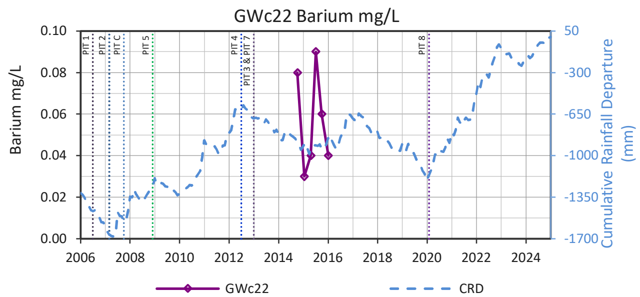
No Data Available for Molybdenum mg/L

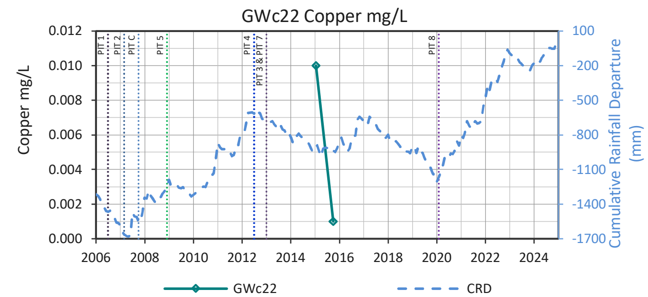


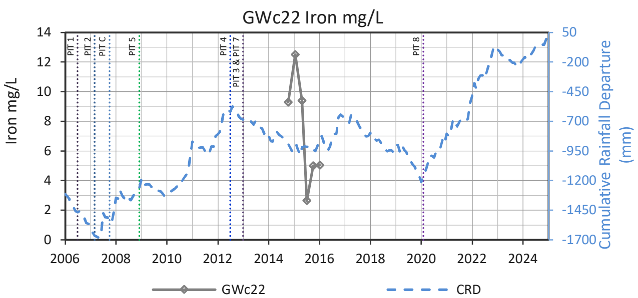



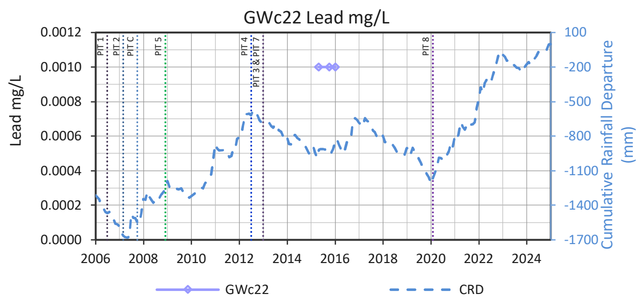



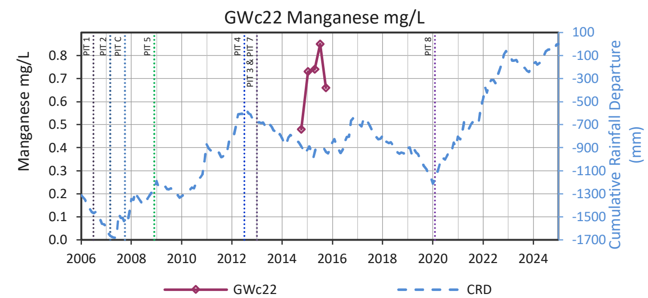



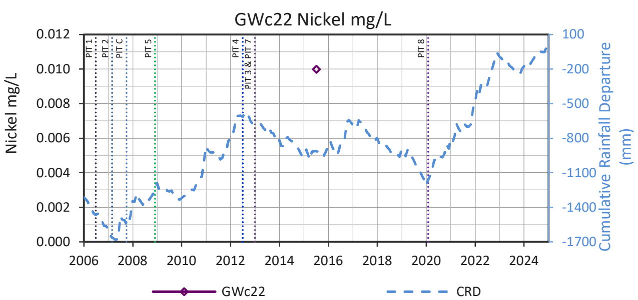



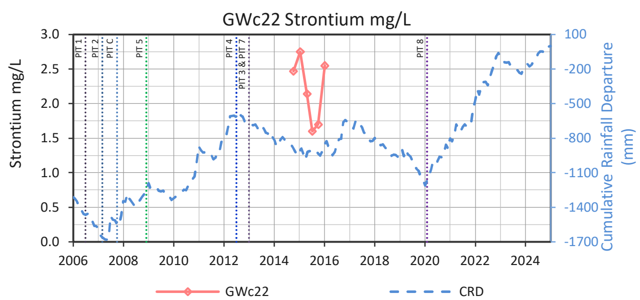



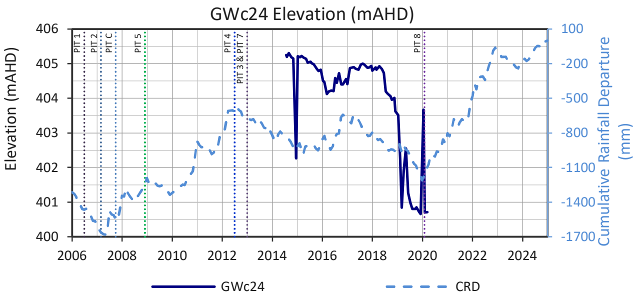



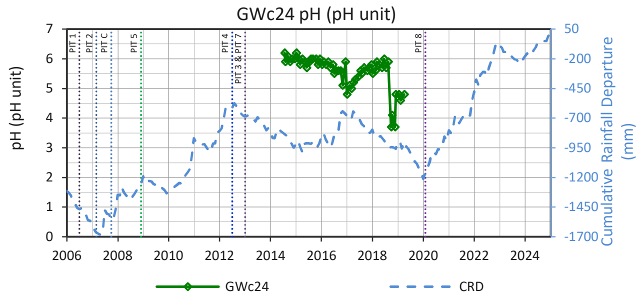



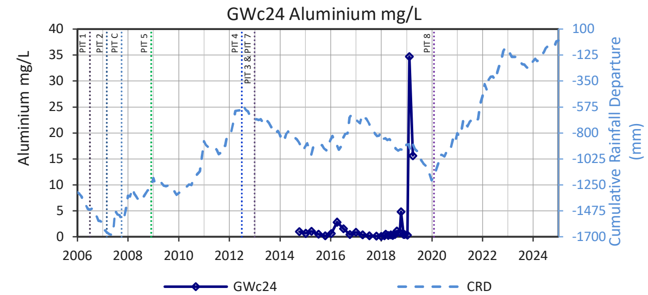



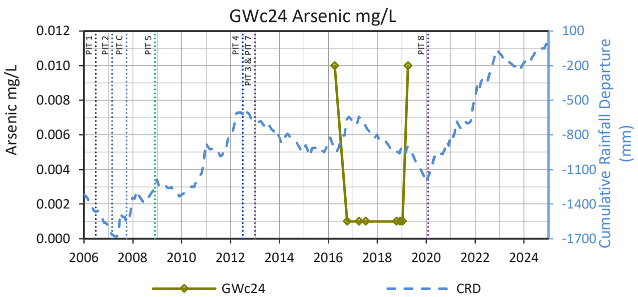

GWc22

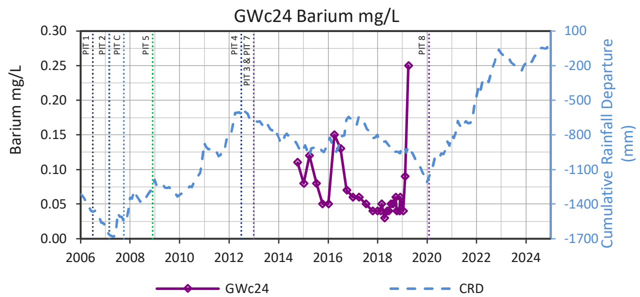
No Data Available for Molybdenum mg/L

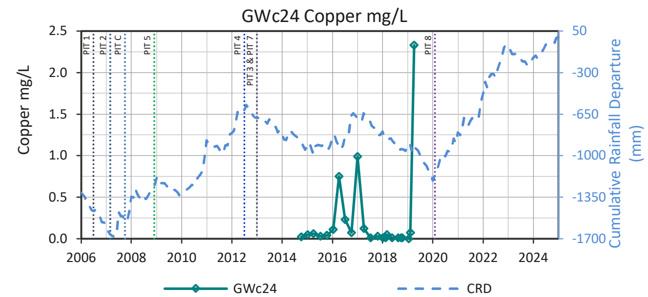

GWc24 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc24
CRD

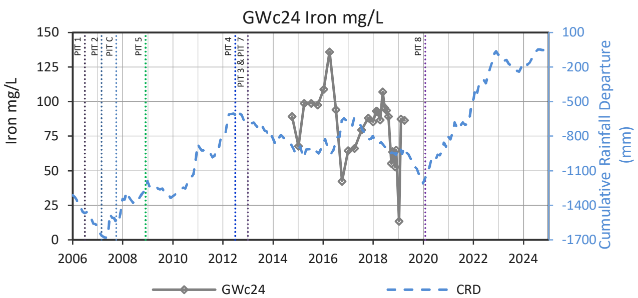

GWc24 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc24
CRD

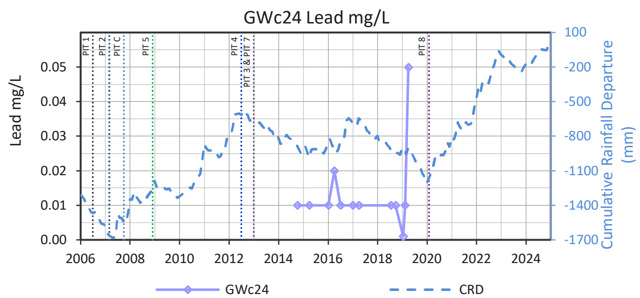

GWc24 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

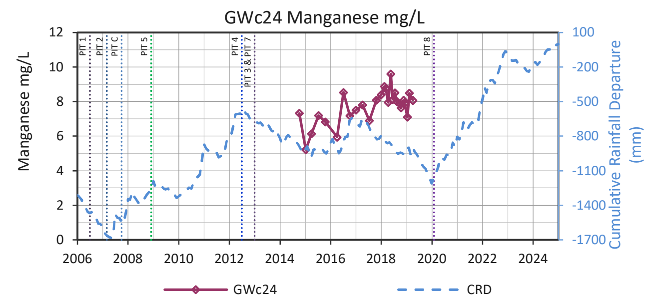

GWc24 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

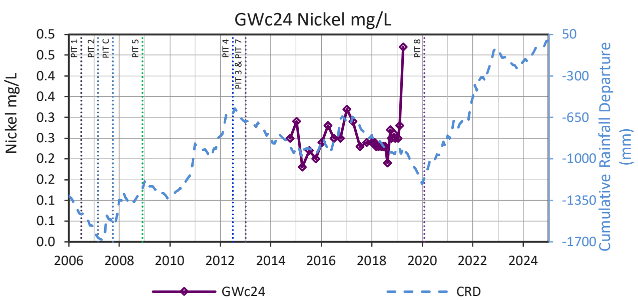

GWc24 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

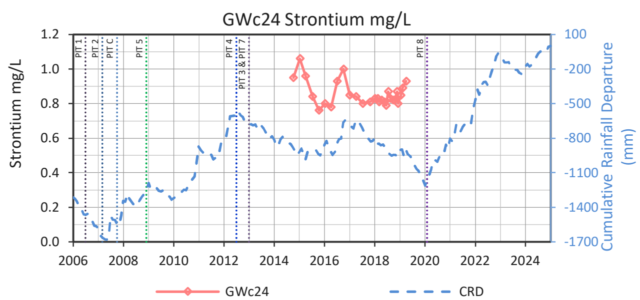

GWc24 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

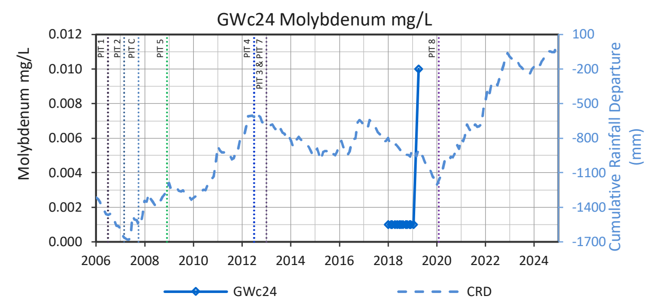

GWc24 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

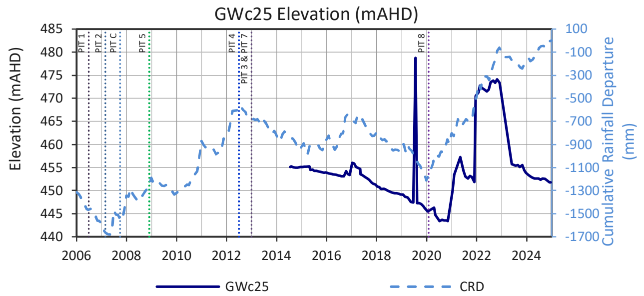

GWc24 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

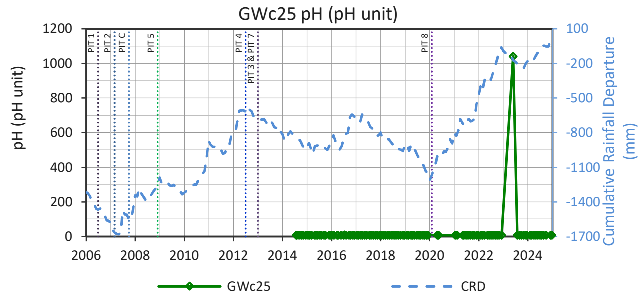

GWc24 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

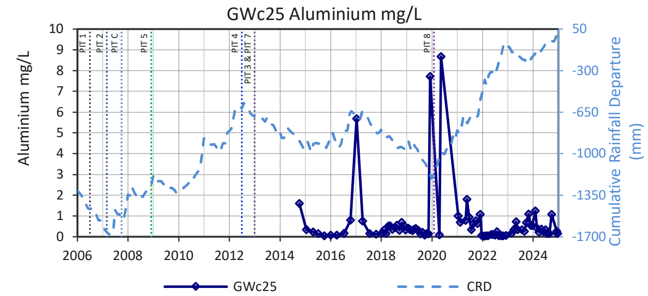

GWc24 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

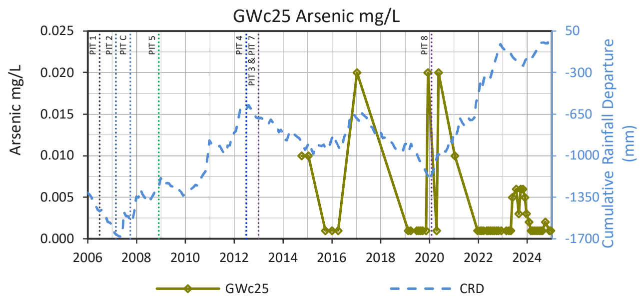

GWc24 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

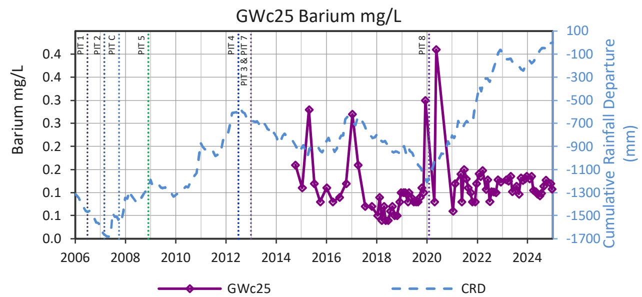

GWc24 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

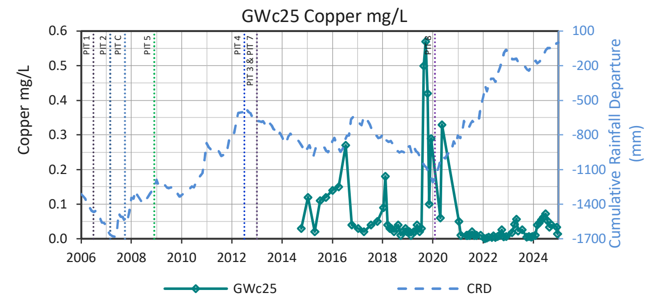

GWc25 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc25
CRD

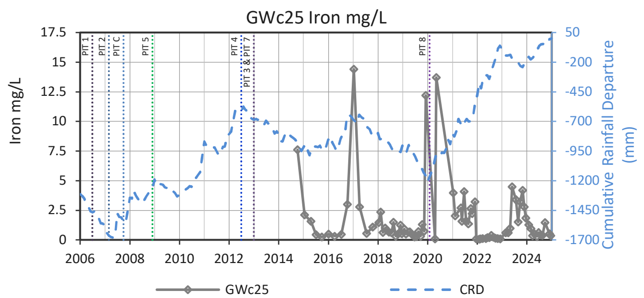

GWc25 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc25
CRD

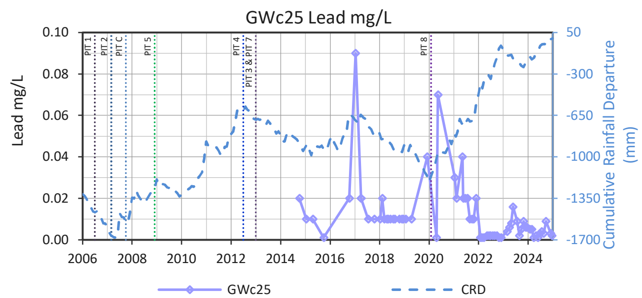

GWc25 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

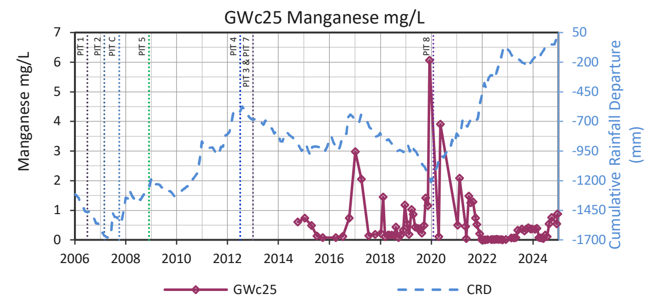

GWc25 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

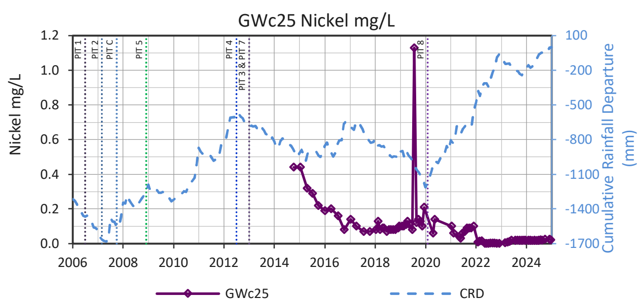

GWc25 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

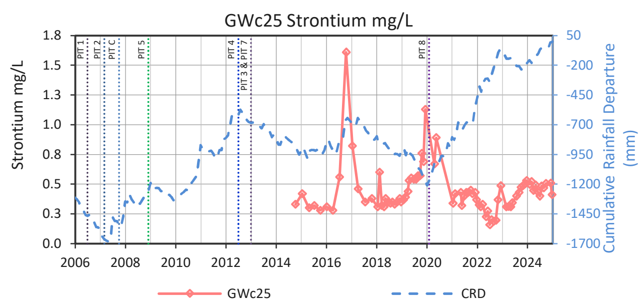

GWc25 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

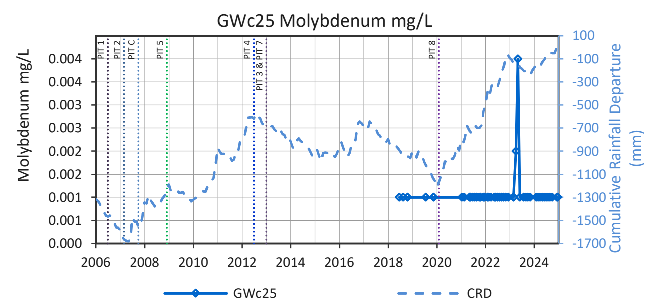

GWc25 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

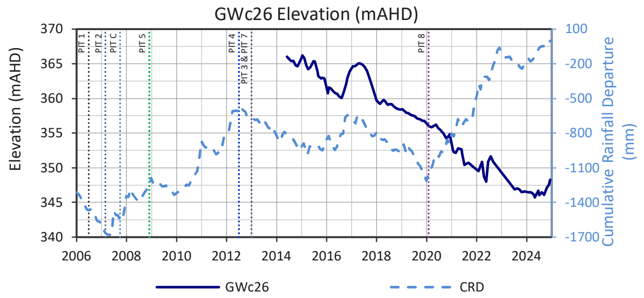

GWc25 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

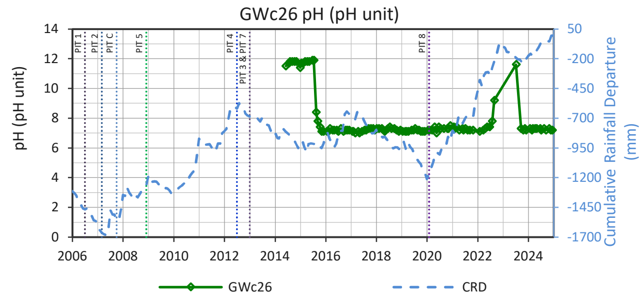

GWc25 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

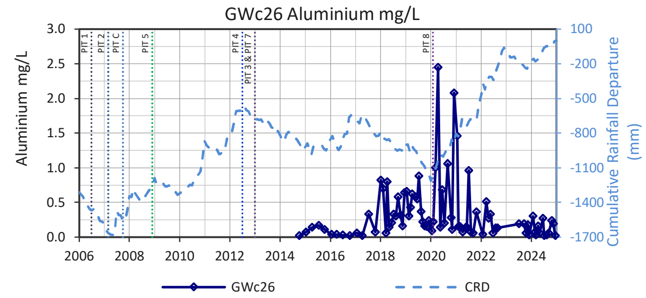

GWc25 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

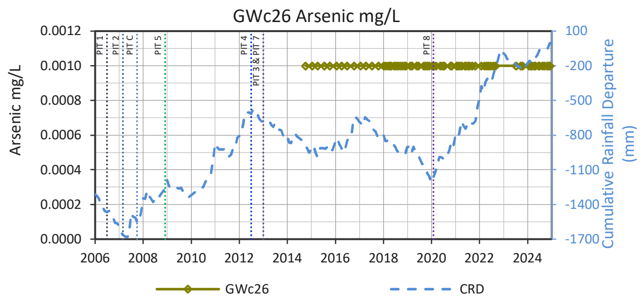

GWc25 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

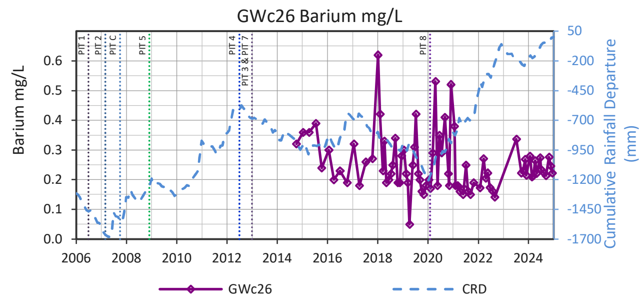

GWc25 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

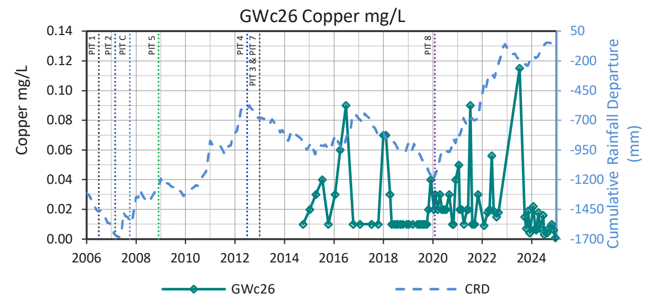

GWc26 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc26
CRD

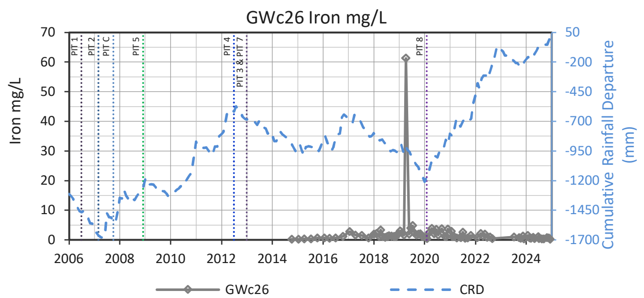

GWc26 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc26
CRD

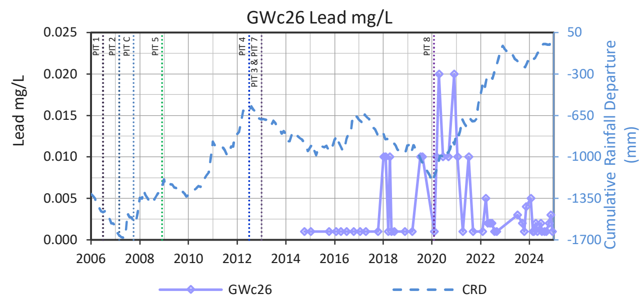

GWc26 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

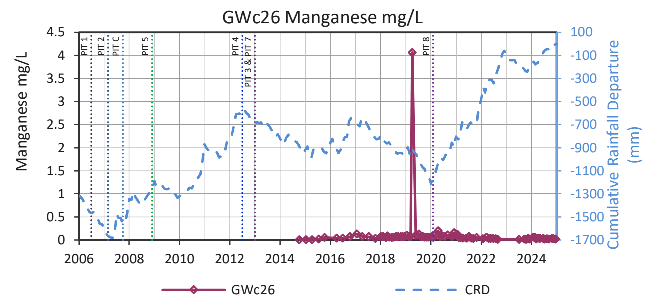

GWc26 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

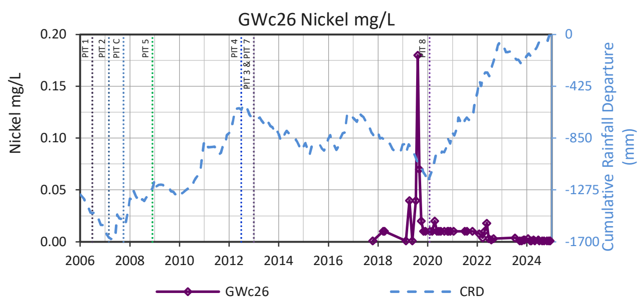

GWc26 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

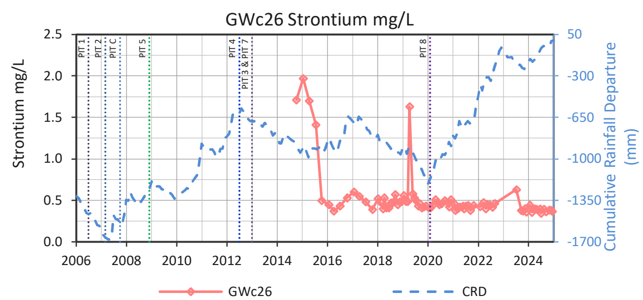

GWc26 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

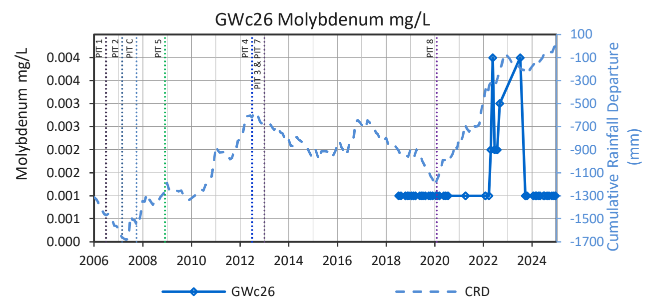

GWc26 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD


GWc26 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

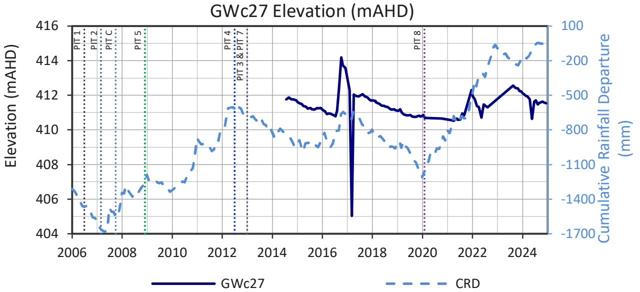

GWc26 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD


GWc26 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

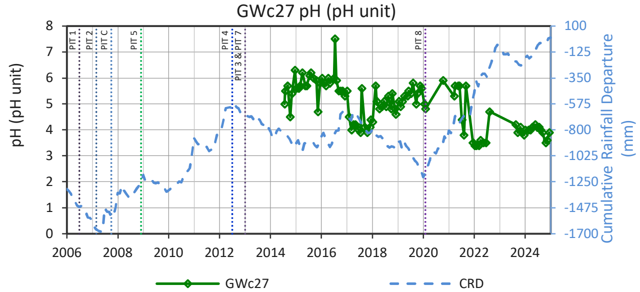

GWc26 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD


GWc26 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

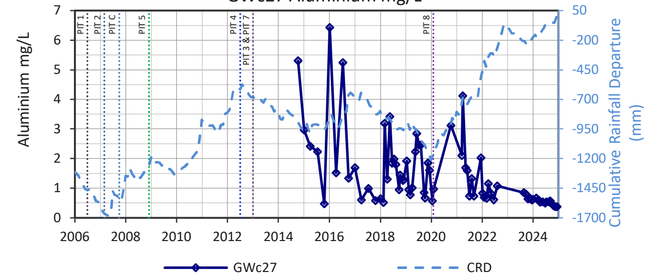
GWc27 Elevation (mAHD)



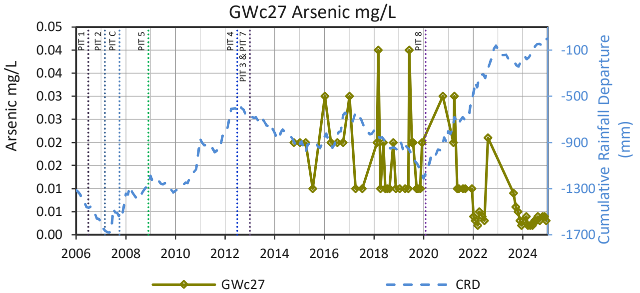

GWc27 pH (pH unit)



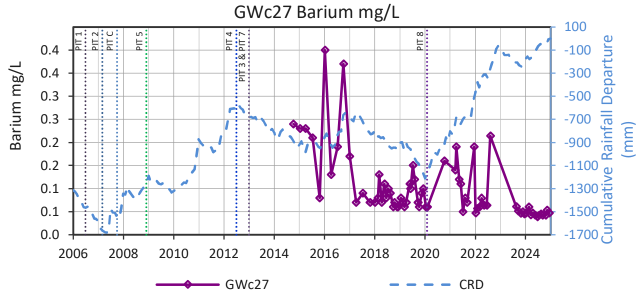

GWc27 Aluminium mg/L



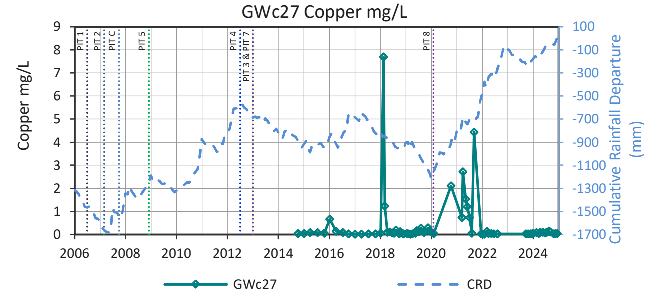

GWc27 Arsenic mg/L



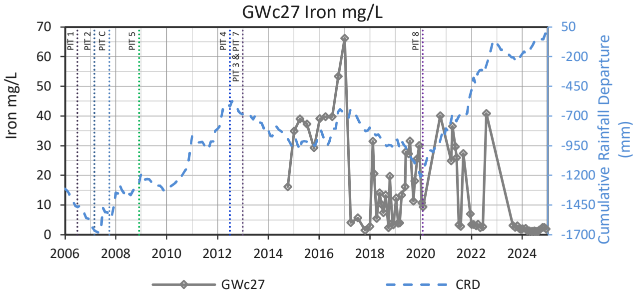

GWc27 Barium mg/L



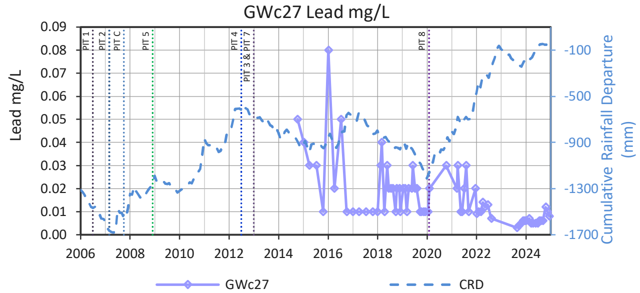

GWc27 Copper mg/L



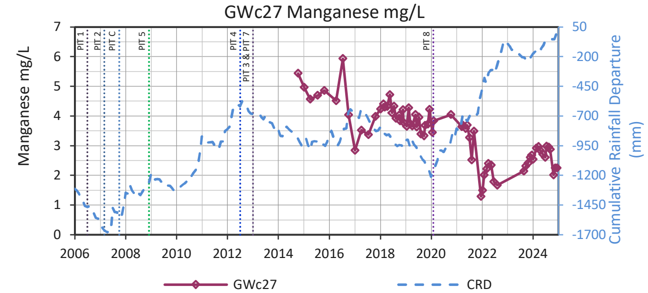

GWc27 Iron mg/L



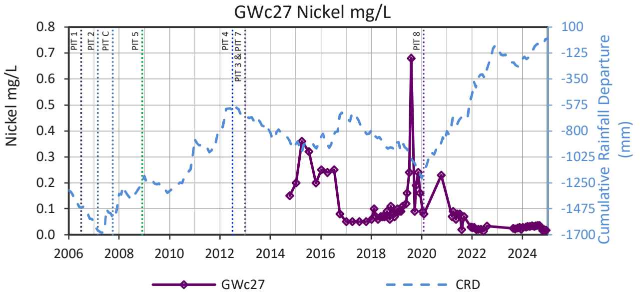

GWc27 Lead mg/L



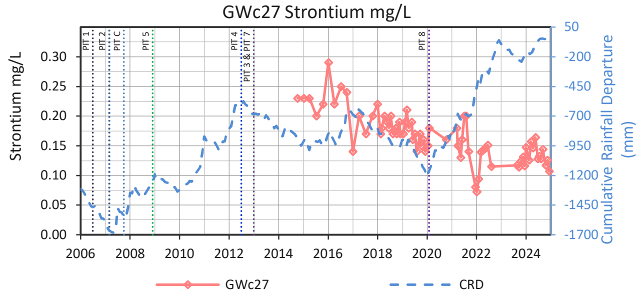

GWc27 Manganese mg/L



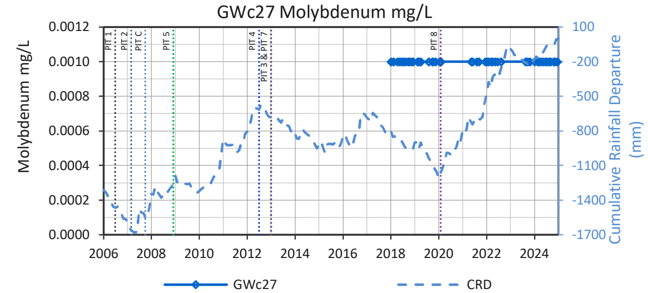

GWc27 Nickel mg/L

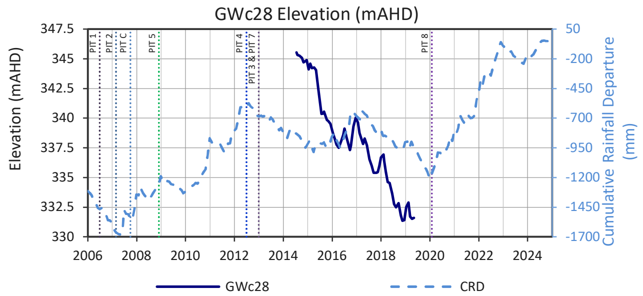


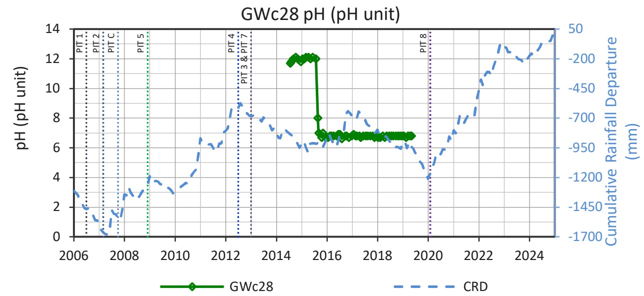

GWc27 Strontium mg/L

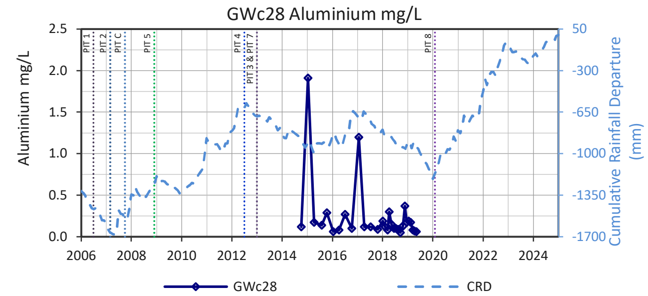


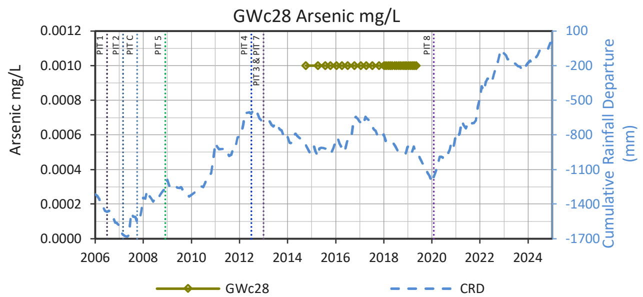

GWc27 Molybdenum mg/L

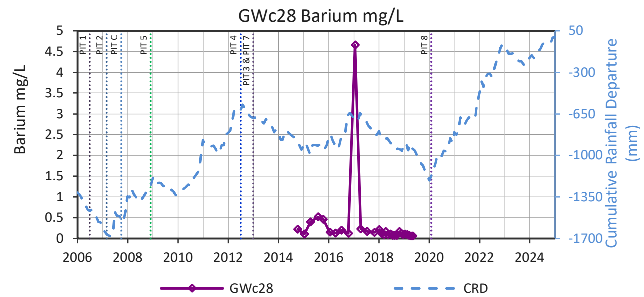


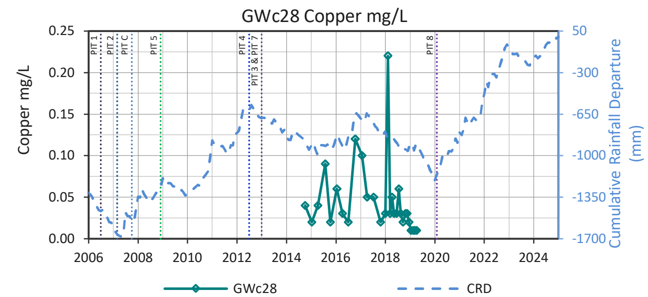

GWc28 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc28
CRD

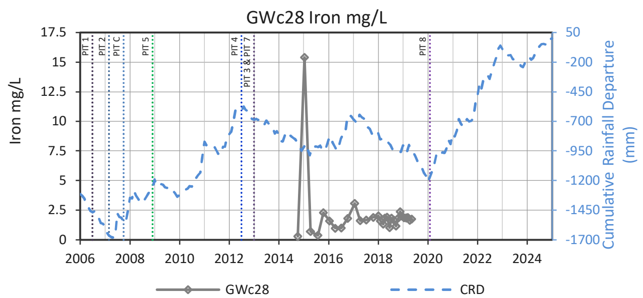

GWc28 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc28
CRD

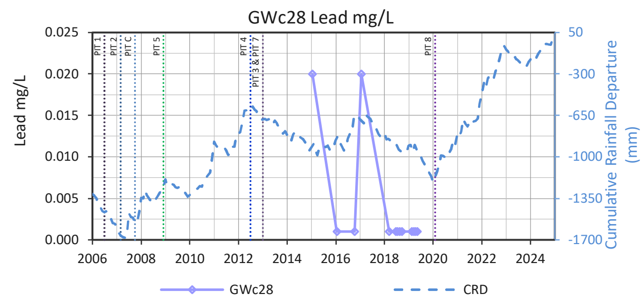

GWc28 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

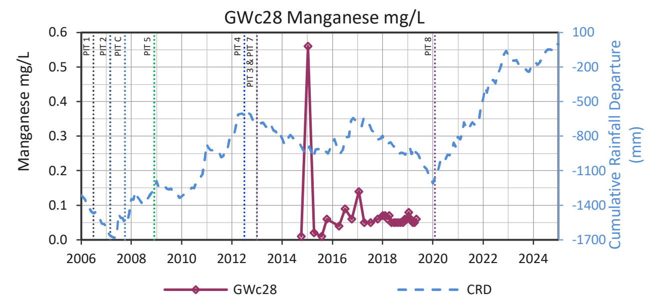

GWc28 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

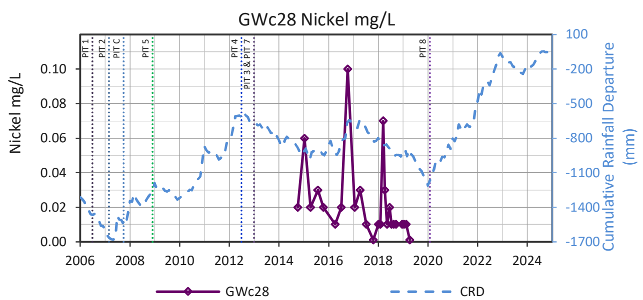

GWc28 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

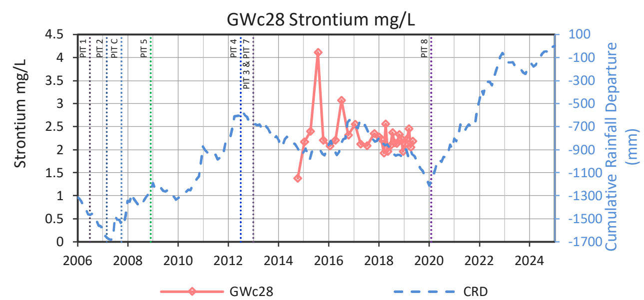

GWc28 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

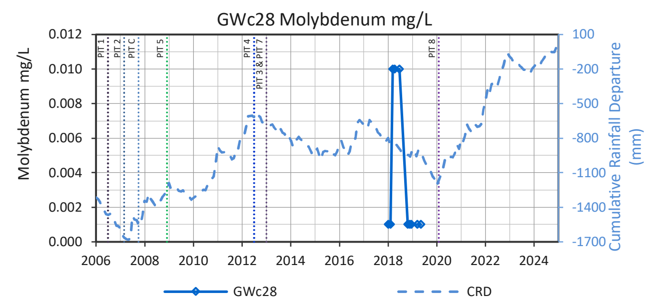

GWc28 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

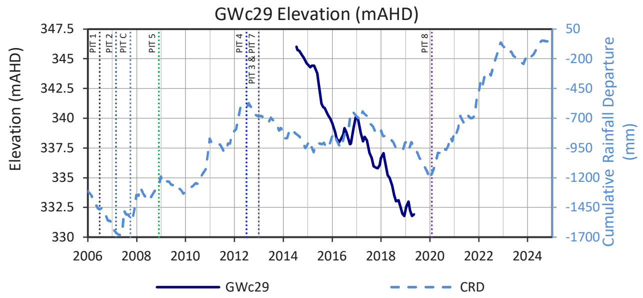

GWc28 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

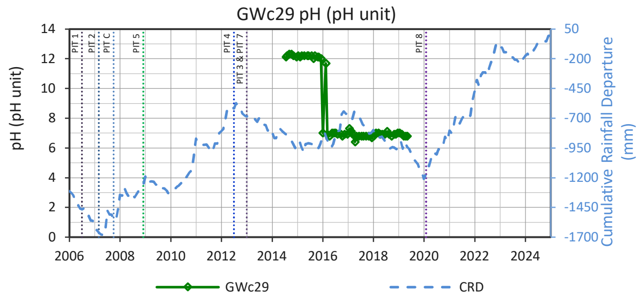

GWc28 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

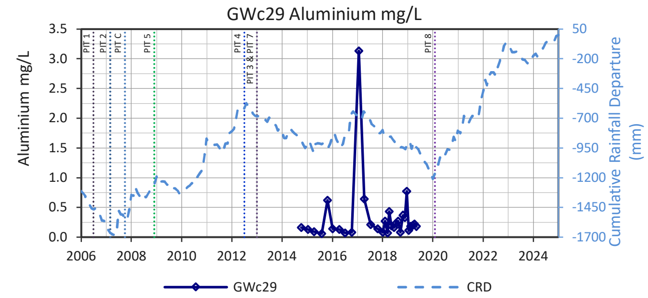

GWc28 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

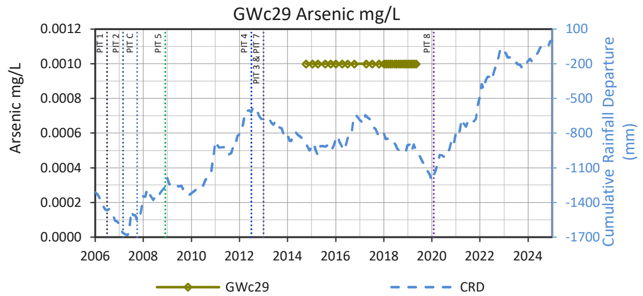

GWc28 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

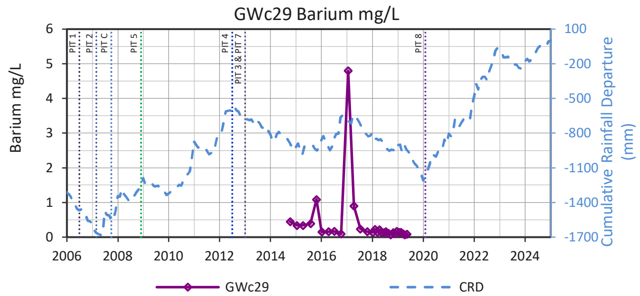

GWc28 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

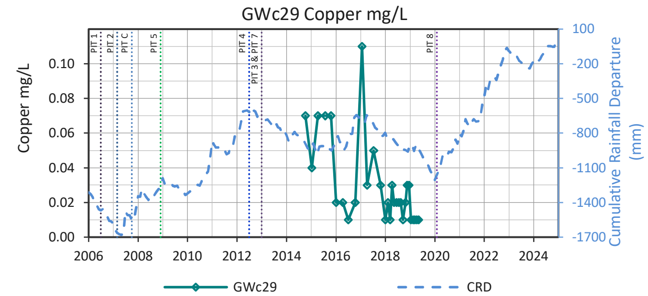

GWc29 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc29
CRD

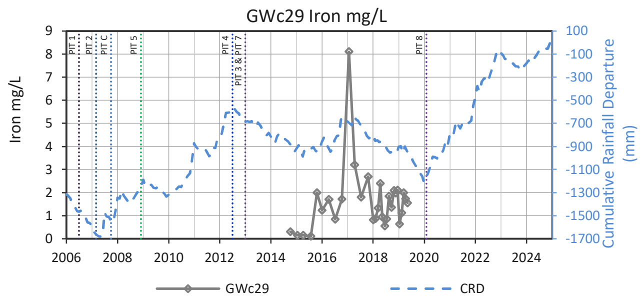

GWc29 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc29
CRD

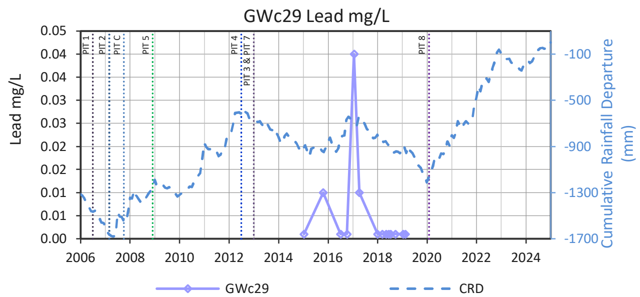

GWc29 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

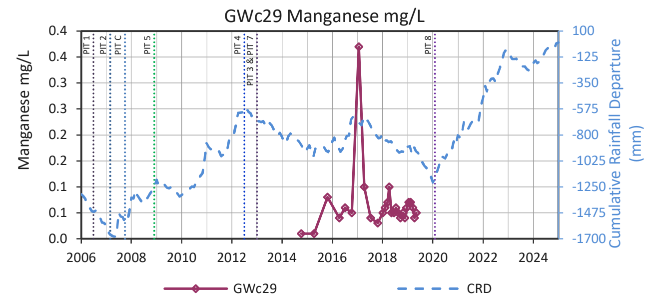

GWc29 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

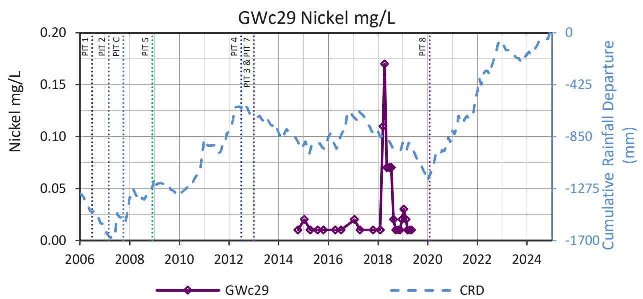

GWc29 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

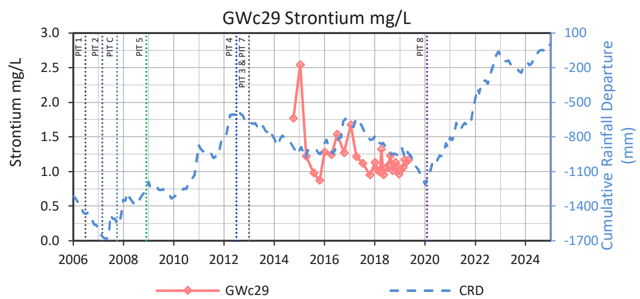

GWc29 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

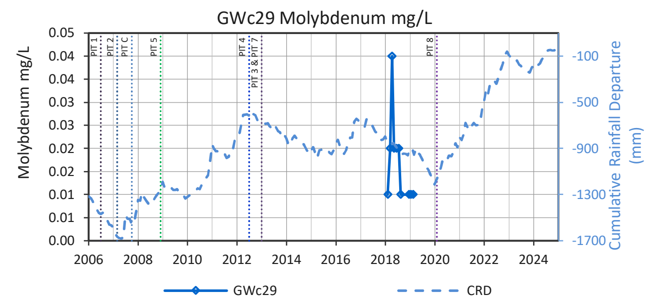

GWc29 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

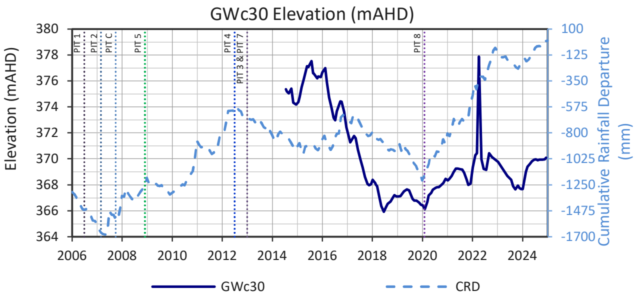

GWc29 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

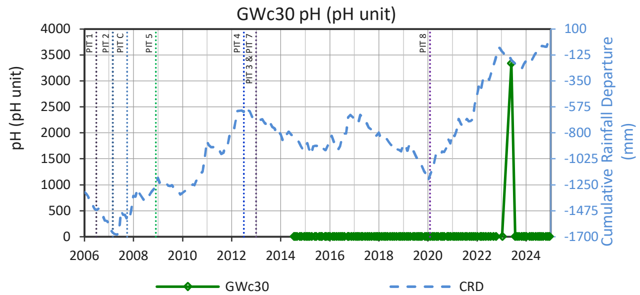

GWc29 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

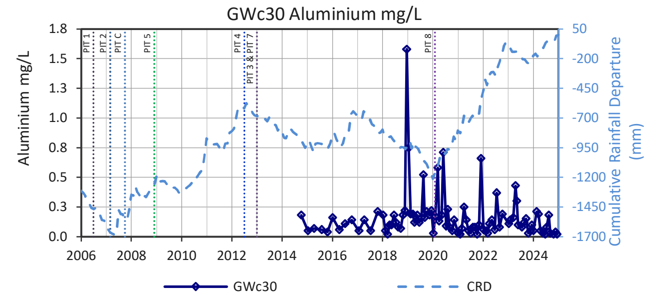

GWc29 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

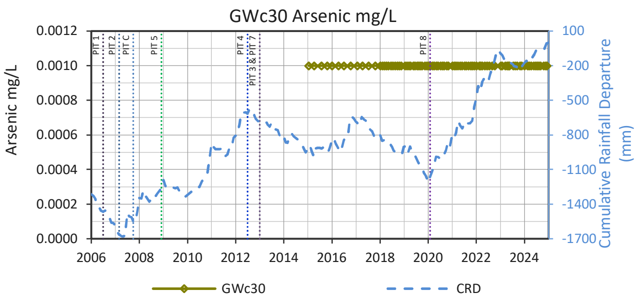

GWc29 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

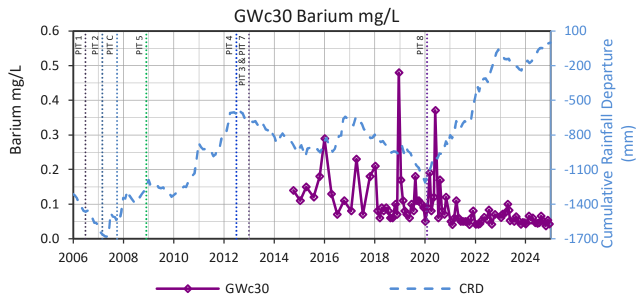

GWc29 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

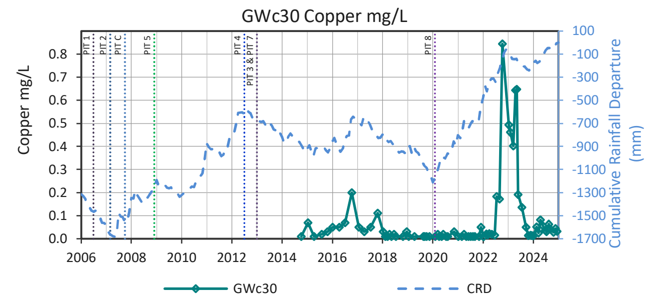

GWc30 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc30
CRD

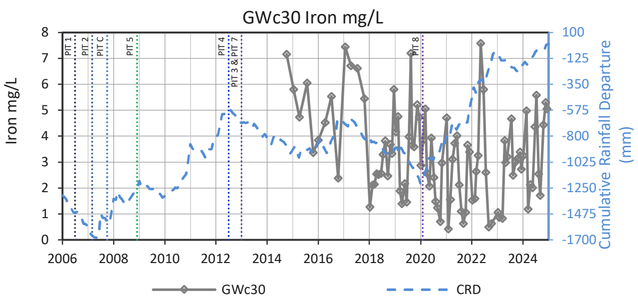

GWc30 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc30
CRD

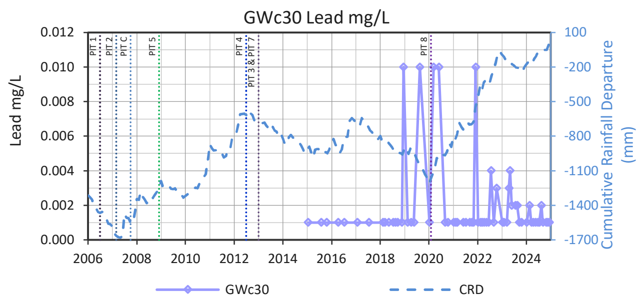

GWc30 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

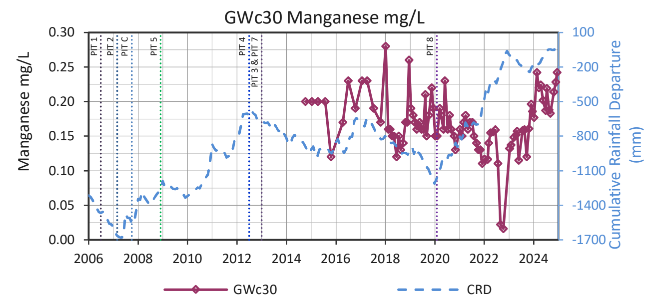

GWc30 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

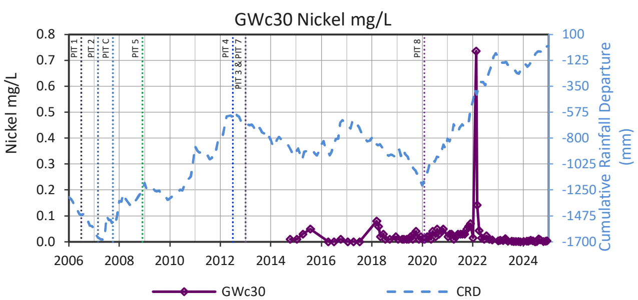

GWc30 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

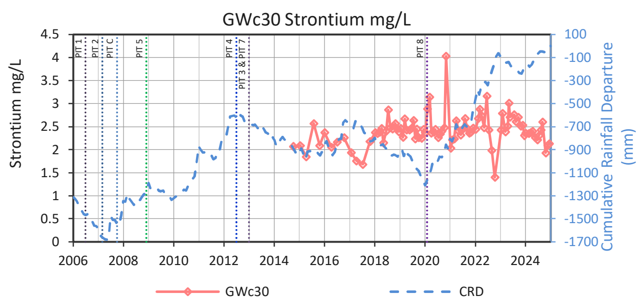

GWc30 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

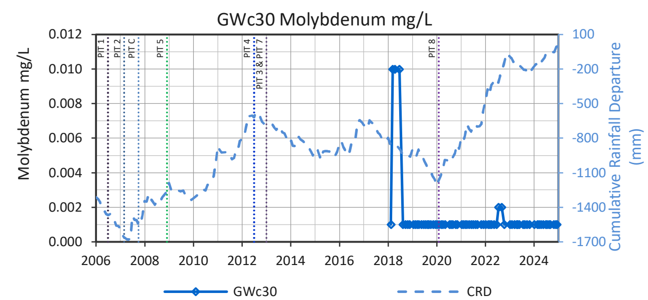

GWc30 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

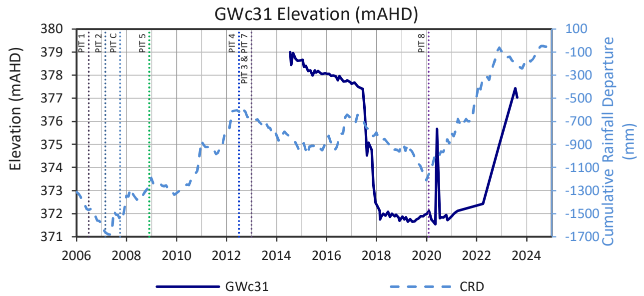

GWc30 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

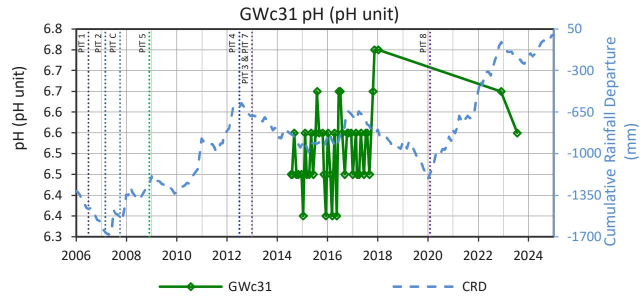

GWc30 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

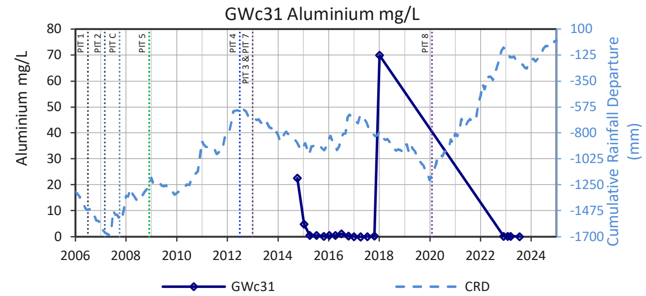

GWc30 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

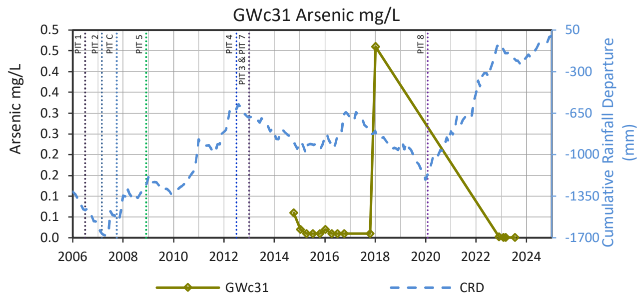

GWc30 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

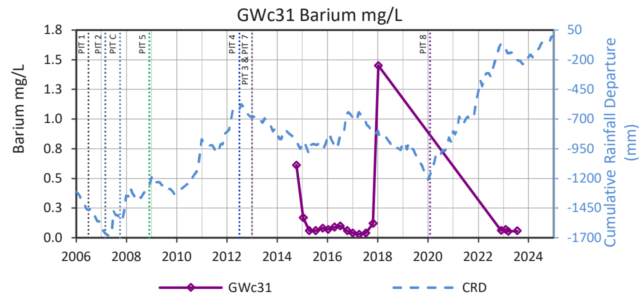

GWc30 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

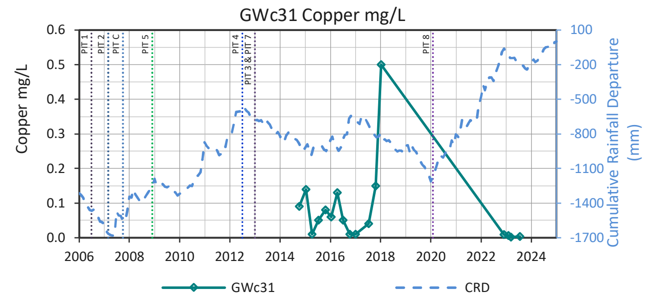

GWc31 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc31
CRD

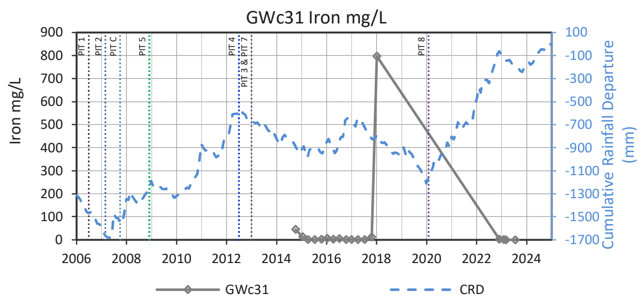

GWc31 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc31
CRD

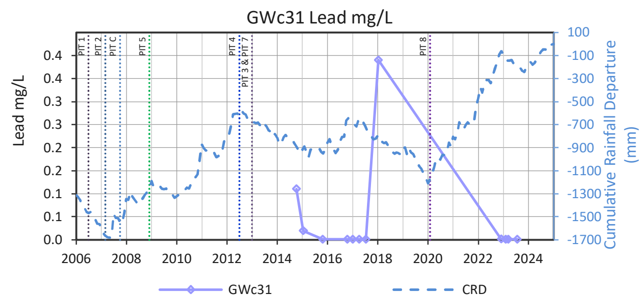

GWc31 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

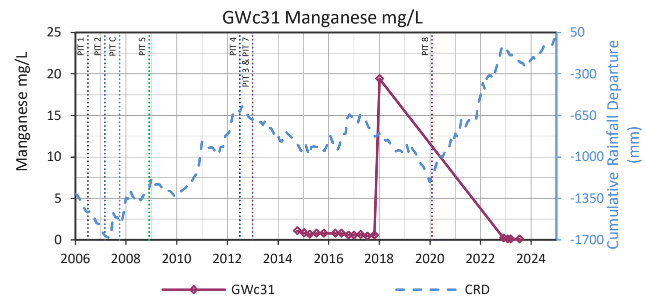

GWc31 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

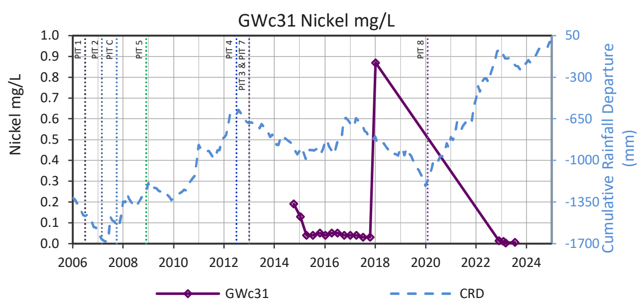

GWc31 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

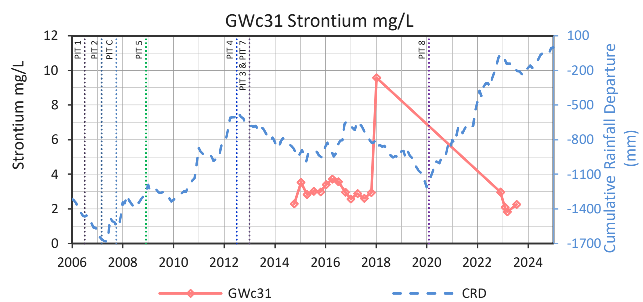

GWc31 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

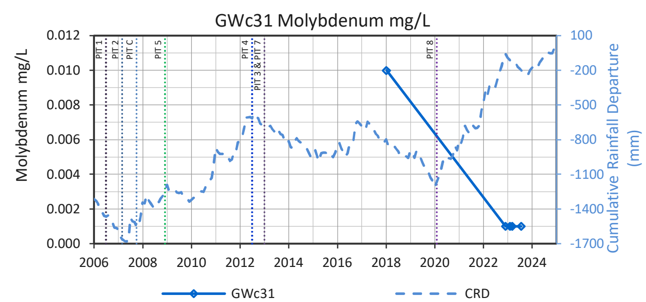

GWc31 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

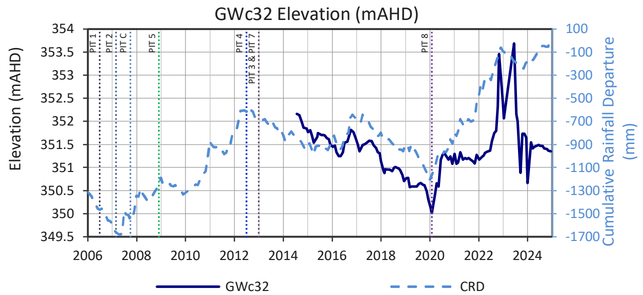

GWc31 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

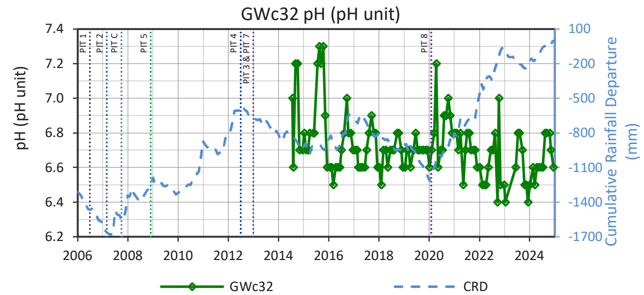

GWc31 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

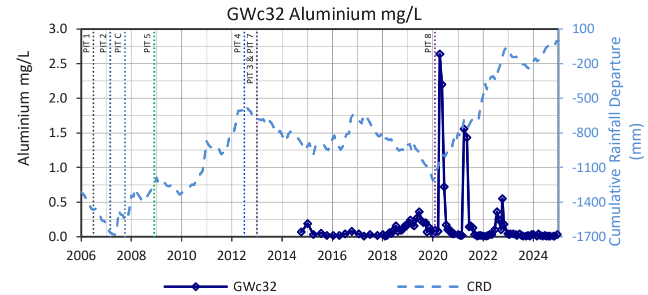

GWc31 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

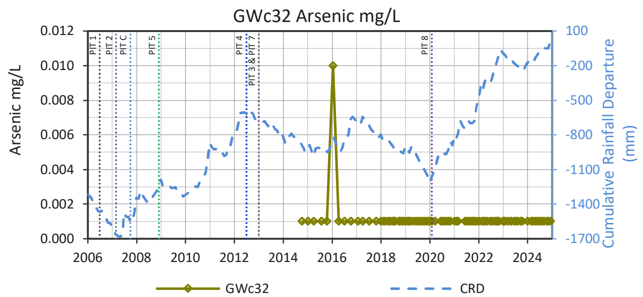

GWc31 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

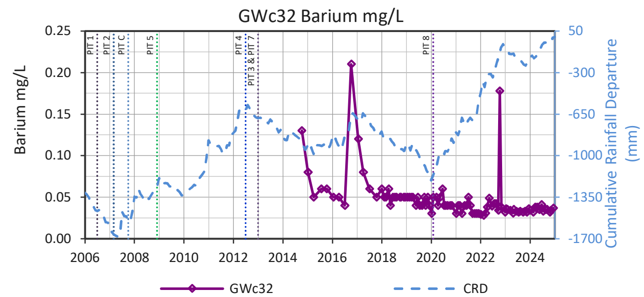

GWc31 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

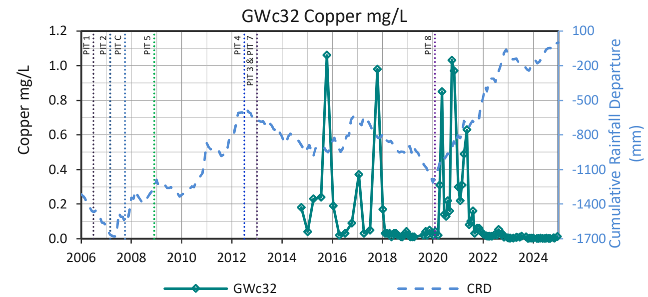

GWc32 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc32
CRD

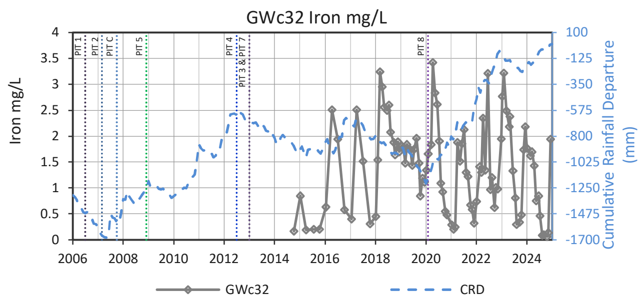

GWc32 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc32
CRD

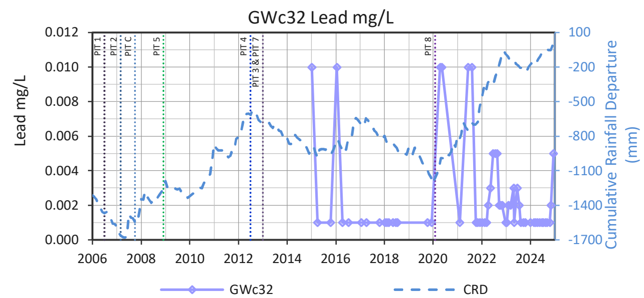

GWc32 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

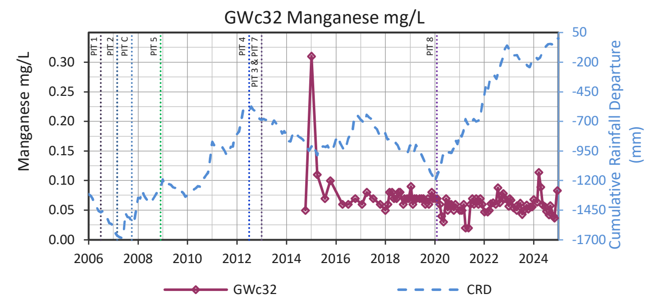

GWc32 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

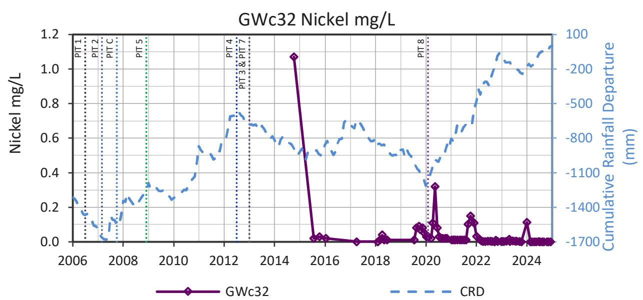

GWc32 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

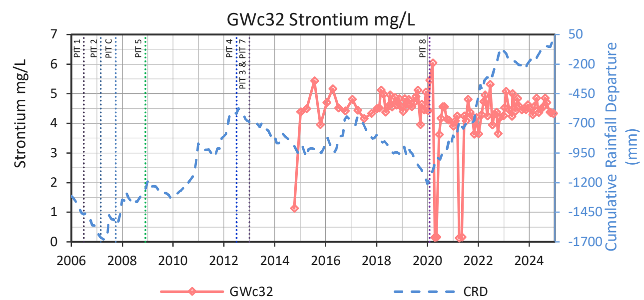

GWc32 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

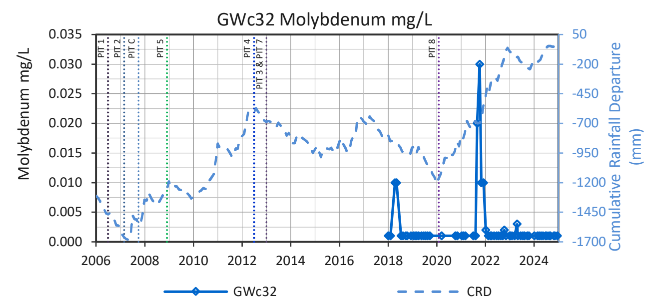

GWc32 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

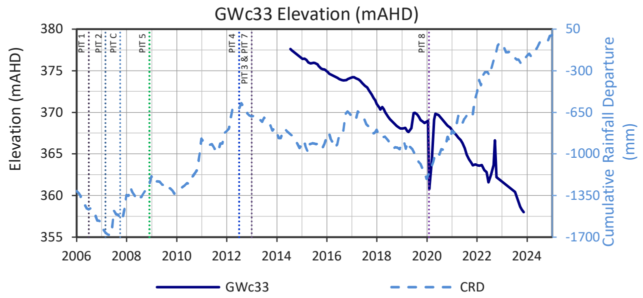

GWc32 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

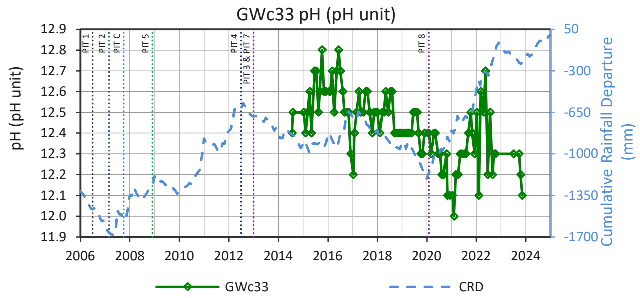

GWc32 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

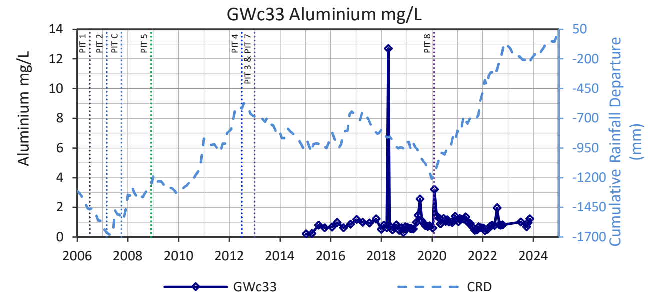

GWc32 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

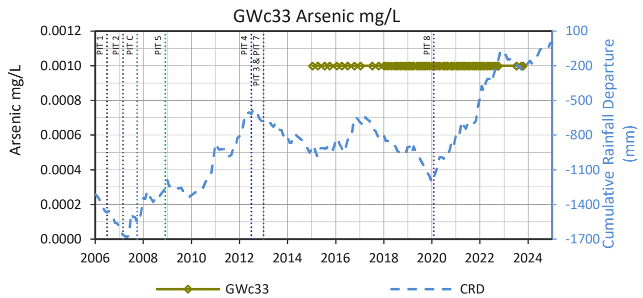

GWc32 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

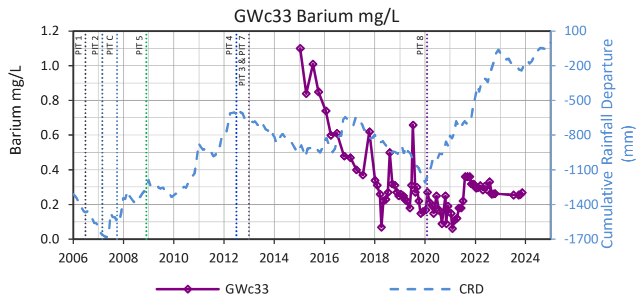

GWc32 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

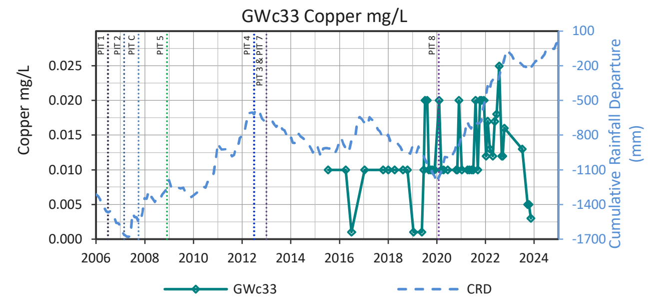

GWc33 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc33
CRD

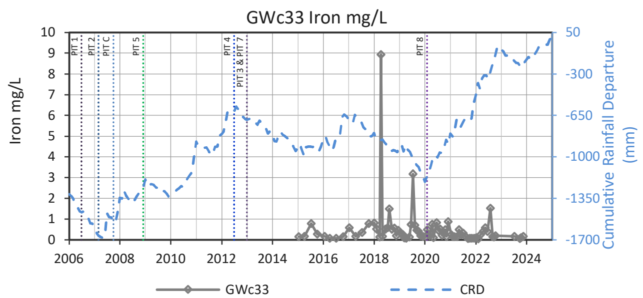

GWc33 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc33
CRD

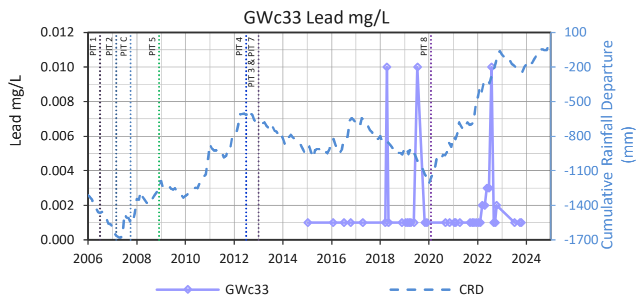

GWc33 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

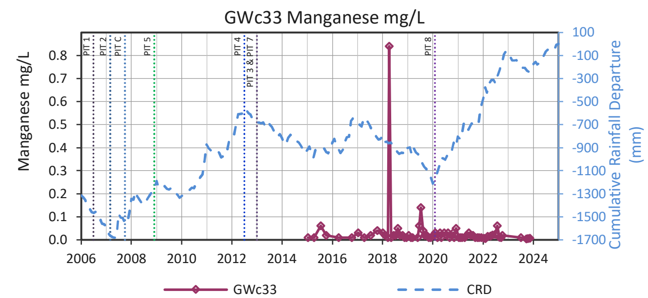

GWc33 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

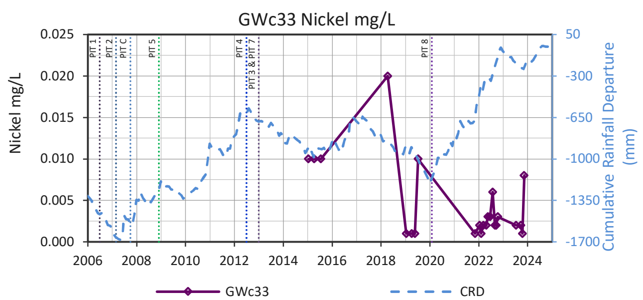

GWc33 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

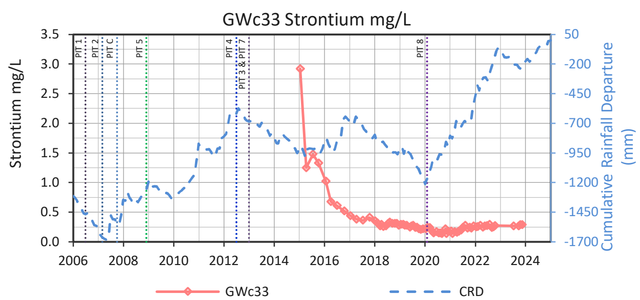

GWc33 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

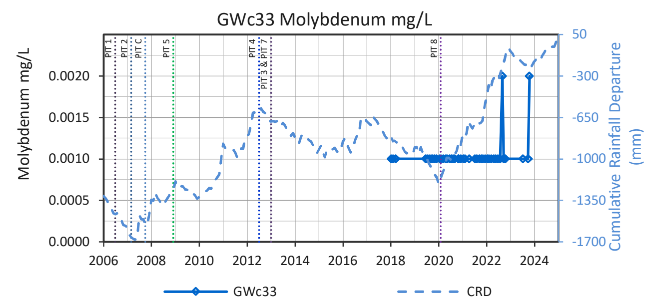

GWc33 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

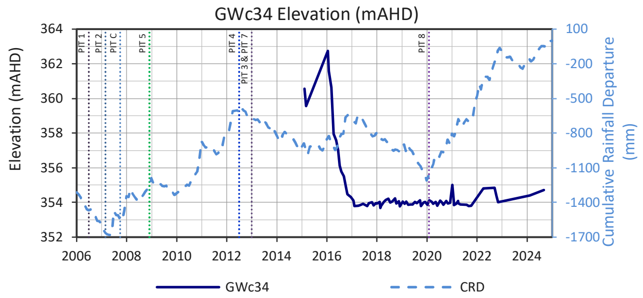

GWc33 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

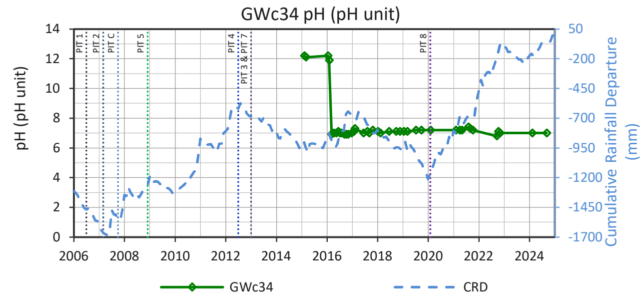

GWc33 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

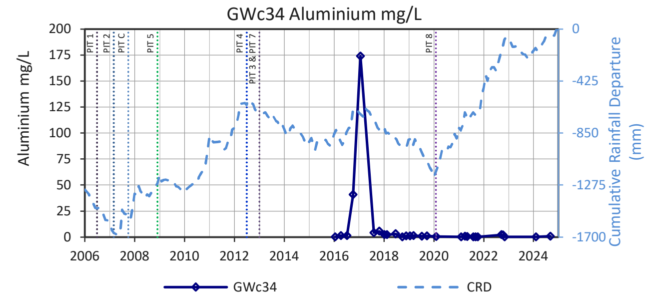

GWc33 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

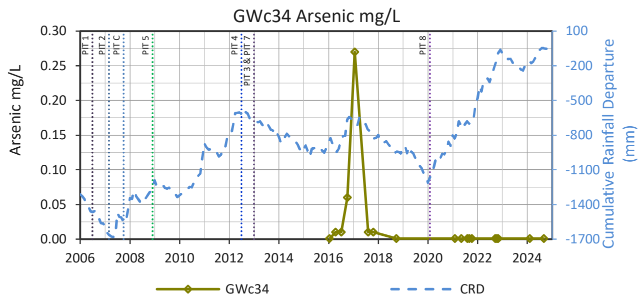

GWc33 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

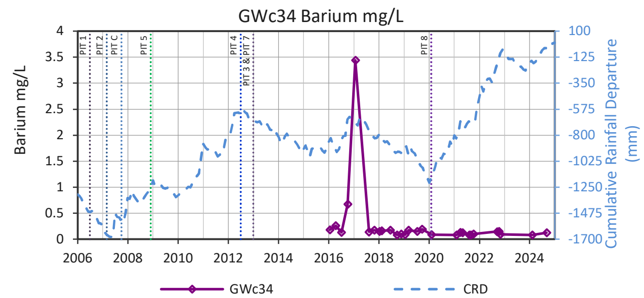

GWc33 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

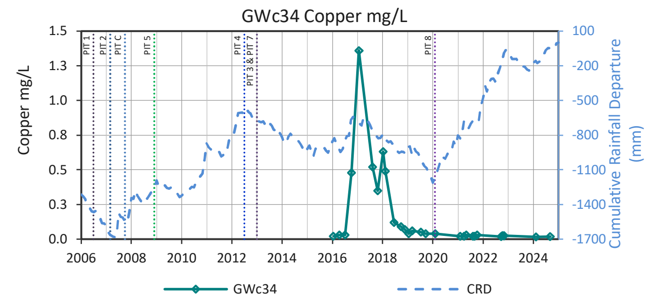

GWc34 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc34
CRD

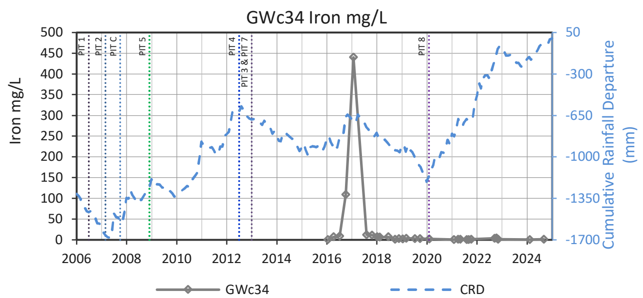

GWc34 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc34
CRD

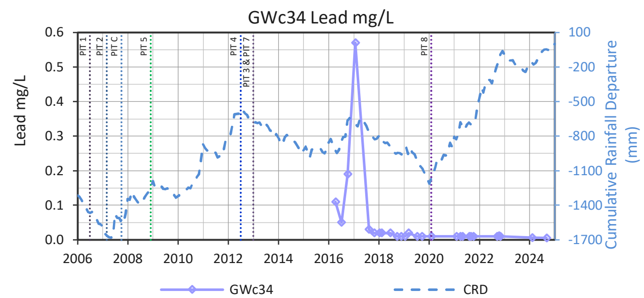

GWc34 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

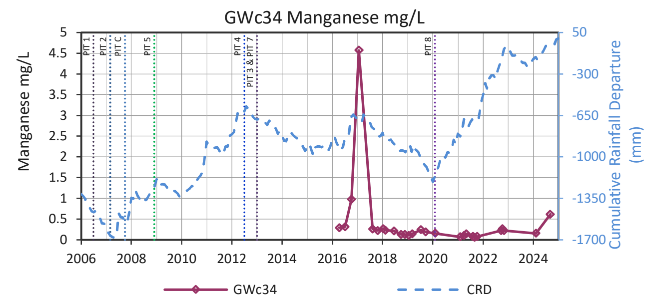

GWc34 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

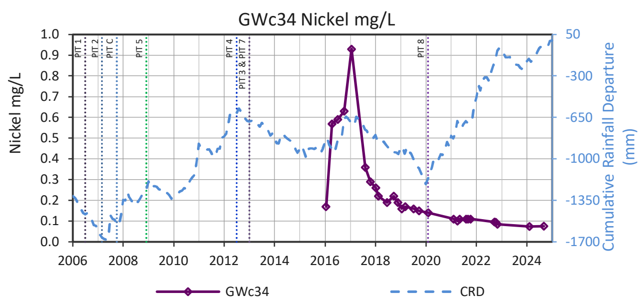

GWc34 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

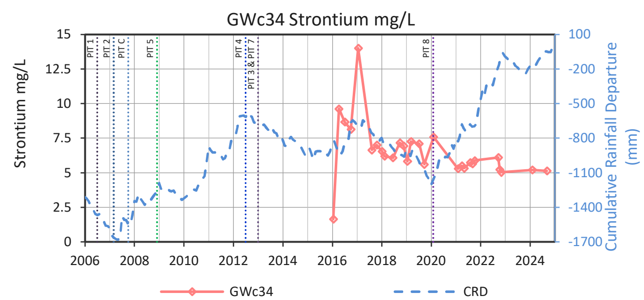

GWc34 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

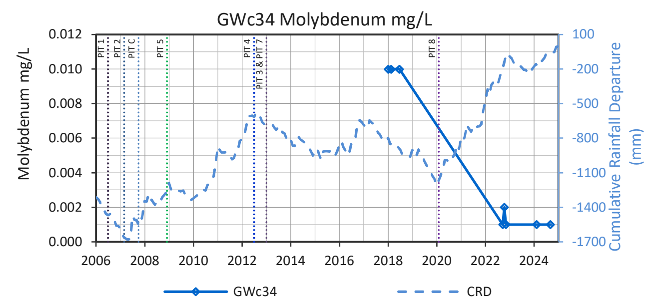

GWc34 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

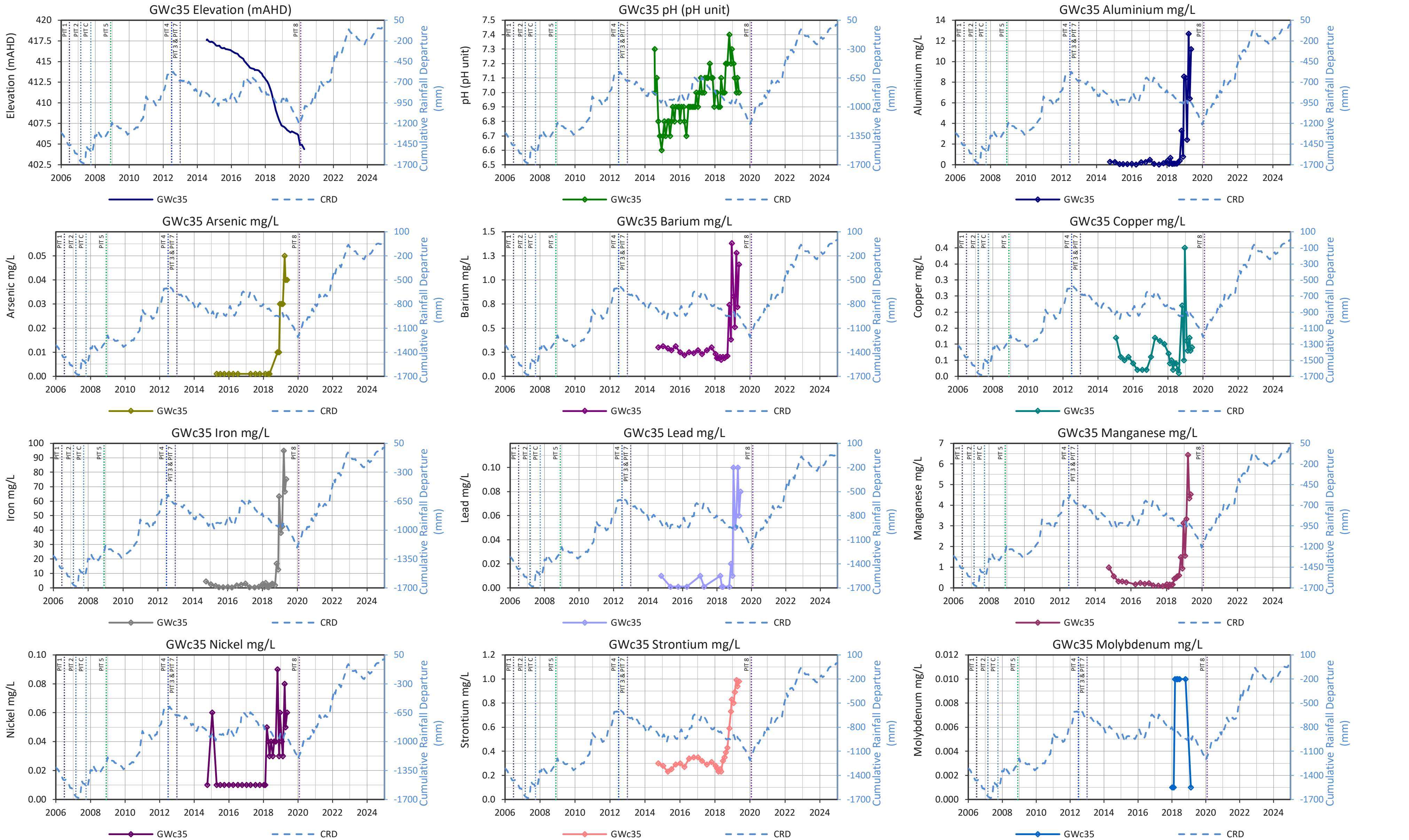

GWc34 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

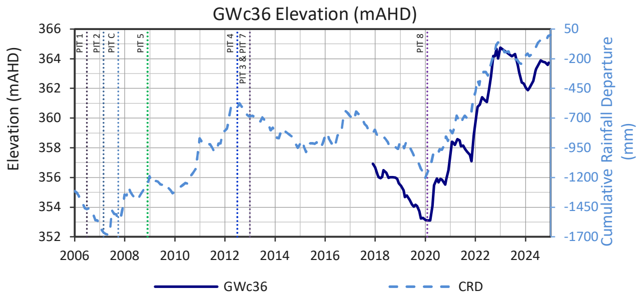

GWc34 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

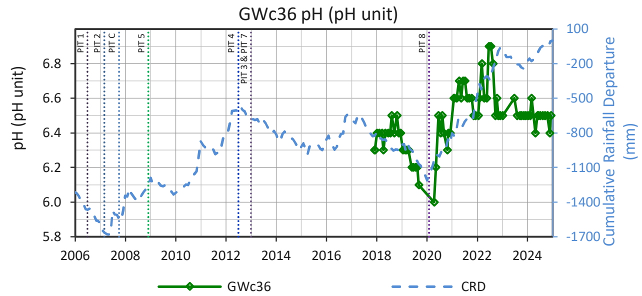

GWc34 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

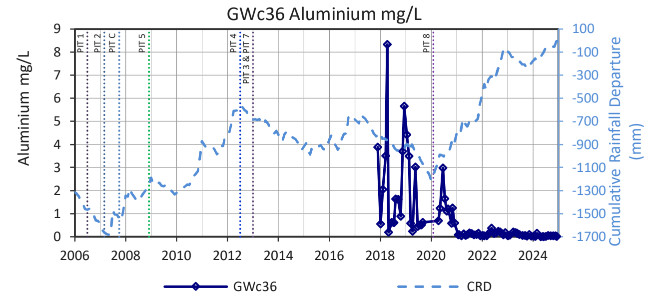

GWc34 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

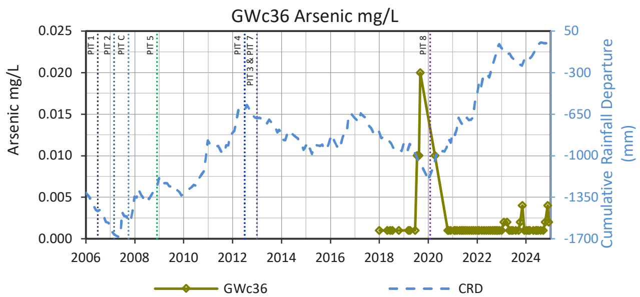

GWc34 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

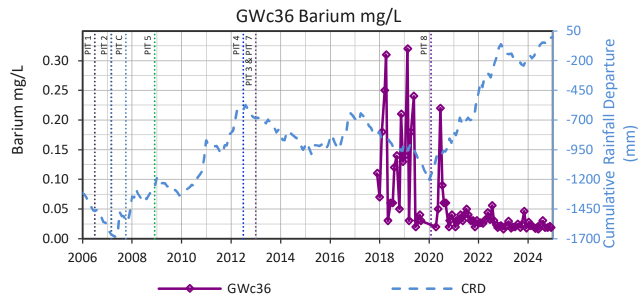

GWc35 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc35
CRD
GWc35 pH (pH unit)
pH (pH unit)
GWc35 Aluminium mg/L
Aluminium mg/L
GWc35 Arsenic mg/L
Arsenic mg/L
GWc35 Barium mg/L
Barium mg/L
GWc35 Copper mg/L
Copper mg/L
GWc35 Iron mg/L
Iron mg/L
GWc35 Lead mg/L
Lead mg/L
GWc35 Manganese mg/L
Manganese mg/L
GWc35 Nickel mg/L
Nickel mg/L
GWc35 Strontium mg/L
Strontium mg/L
GWc35 Molybdenum mg/L
Molybdenum mg/L
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8

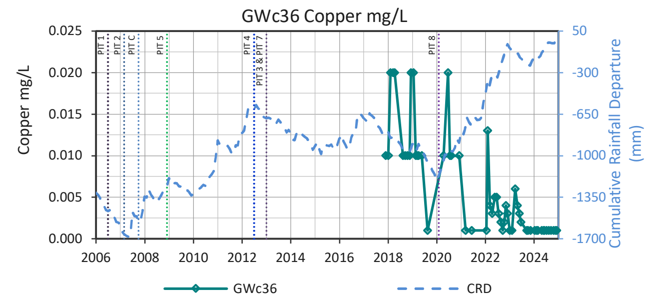

GWc36 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc36
CRD

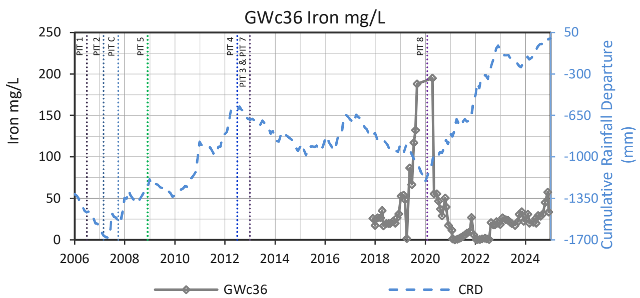

GWc36 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWc36
CRD

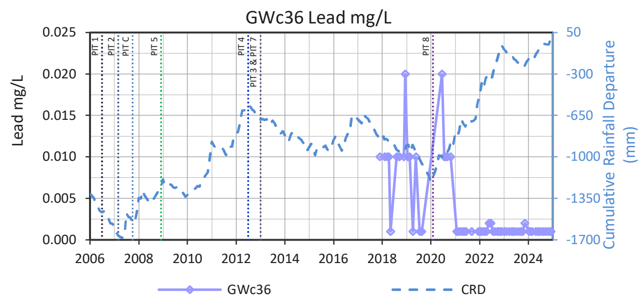

GWc36 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

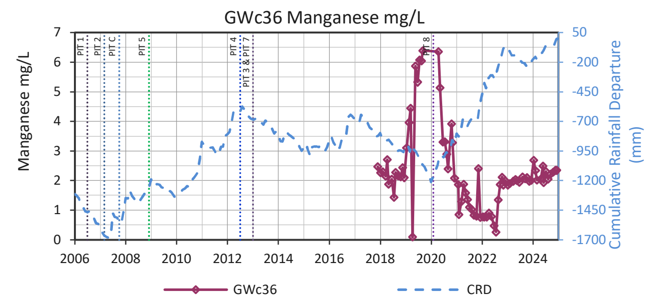

GWc36 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

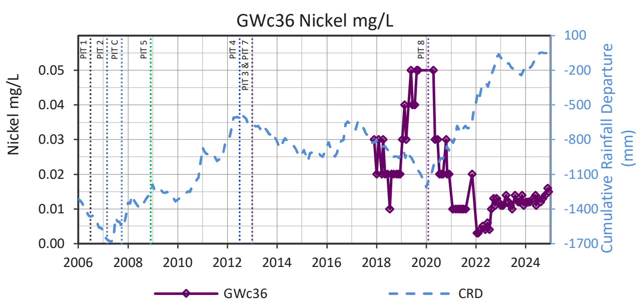

GWc36 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

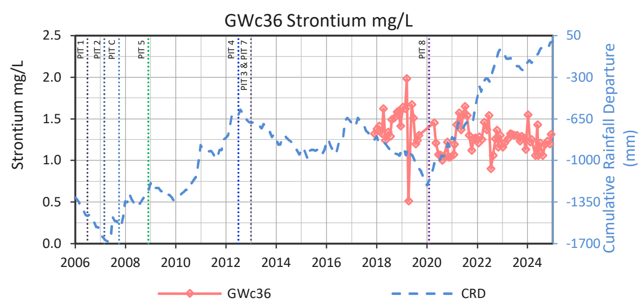

GWc36 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

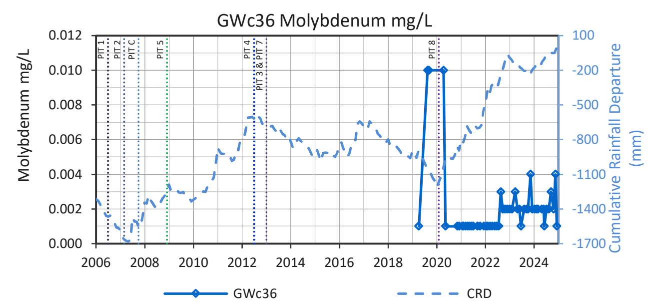

GWc36 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

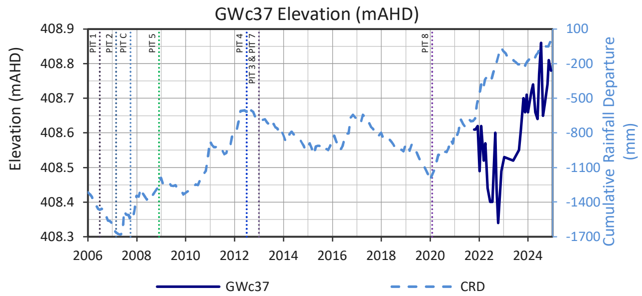

GWc36 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

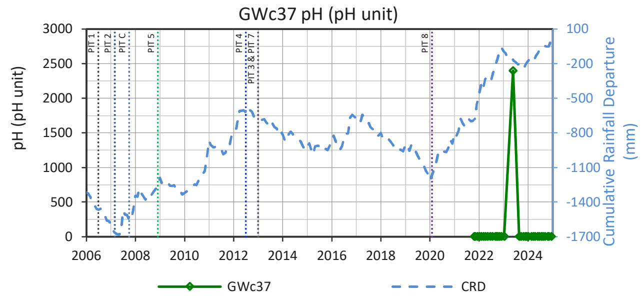

GWc36 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

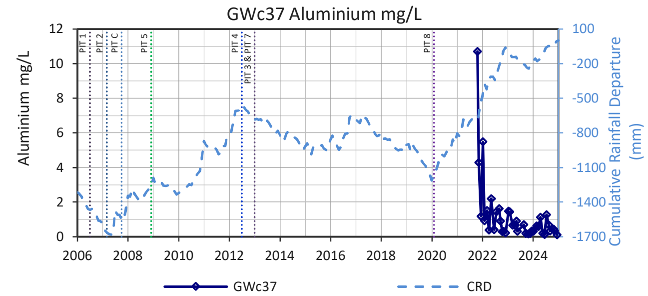

GWc36 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

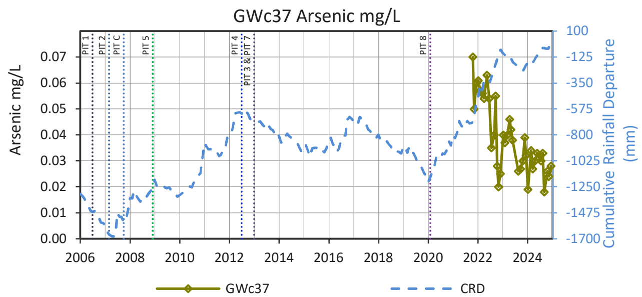

GWc36 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

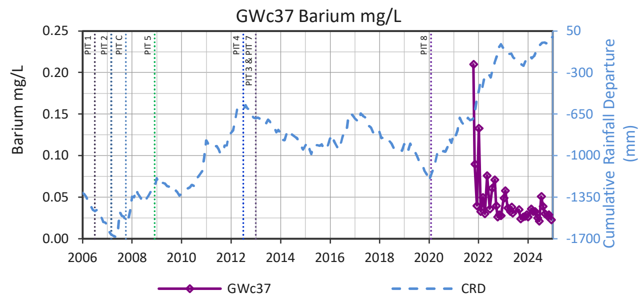

GWc36 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

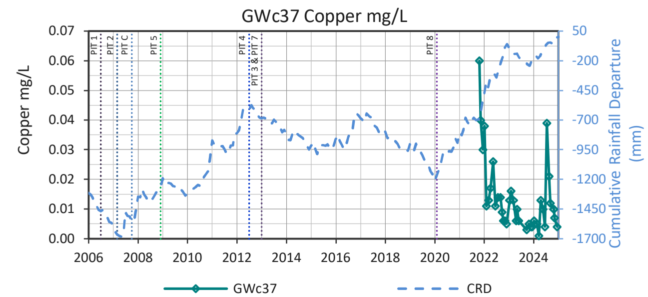

GWc37 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
408.9
408.8
408.7
408.6
408.5
408.4
408.3
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc37
CRD

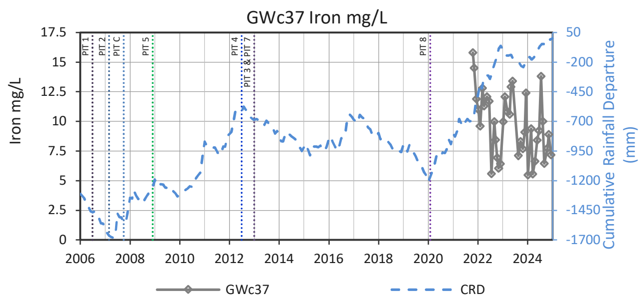

GWc37 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
3000
2500
2000
1500
1000
500
0
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc37
CRD

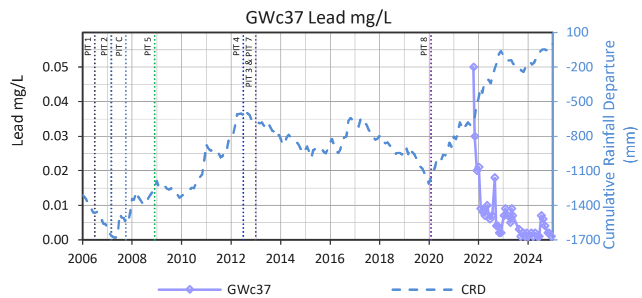

GWc37 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
12
10
8
6
4
2
0
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc37
CRD

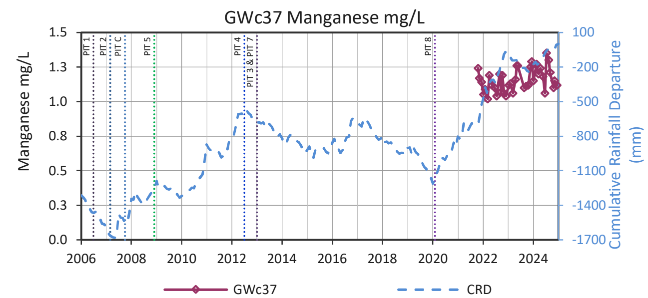

GWc37 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc37
CRD

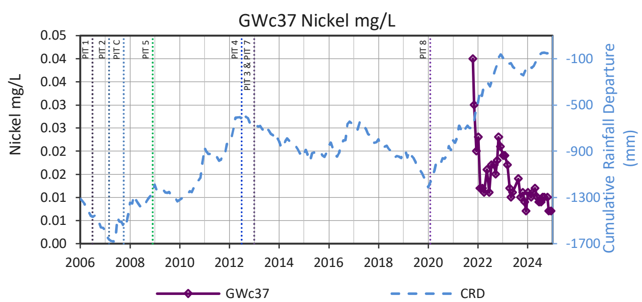

GWc37 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
0.25
0.20
0.15
0.10
0.05
0.00
50
-300
-650
-1000
-1350
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc37
CRD

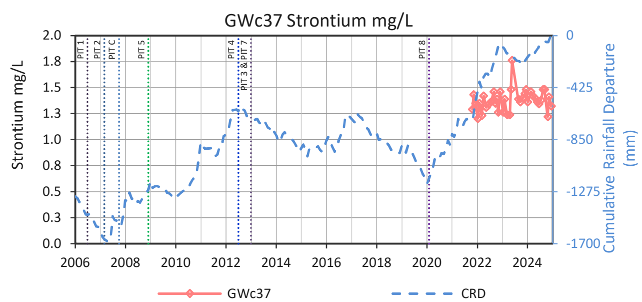

GWc37 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc37
CRD

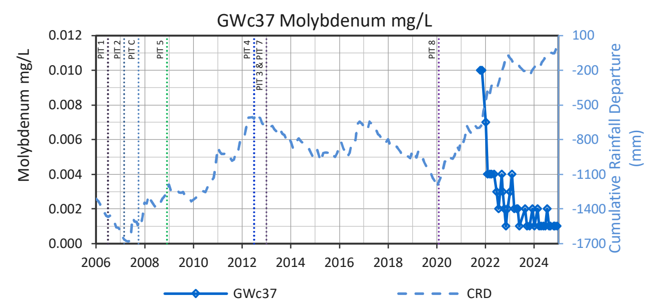

GWc37 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
17.5
15
12.5
10
7.5
5
2.5
0
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc37
CRD

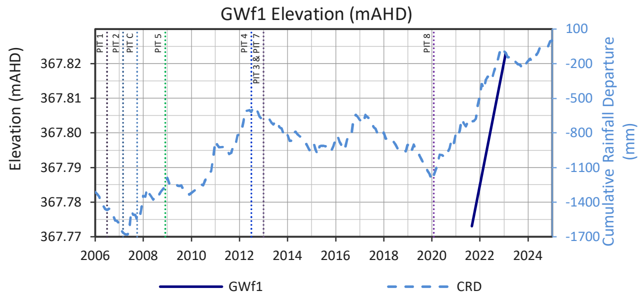

GWc37 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
0.05
0.04
0.03
0.02
0.01
0.00
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc37
CRD

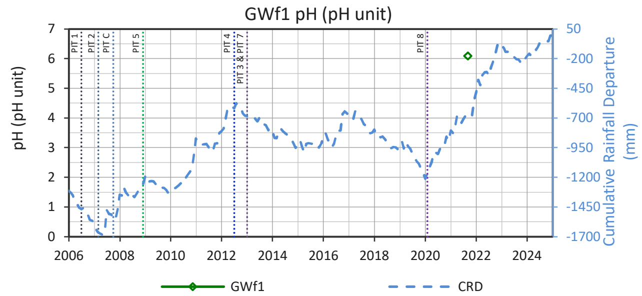

GWc37 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
1.5
1.3
1.0
0.8
0.5
0.3
0.0
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc37
CRD

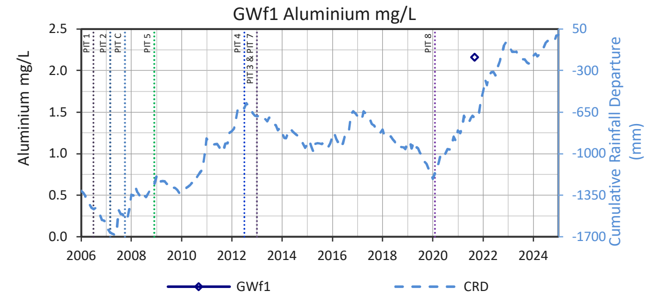

GWc37 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
0.05
0.04
0.04
0.03
0.03
0.02
0.02
0.01
0.01
0.00
-100
-500
-900
-1300
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc37
CRD


GWc37 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
2.0
1.8
1.5
1.3
1.0
0.8
0.5
0.3
0.0
0
-425
-850
-1275
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc37
CRD


GWc37 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
0.012
0.010
0.008
0.006
0.004
0.002
0.000
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
GWc37
CRD

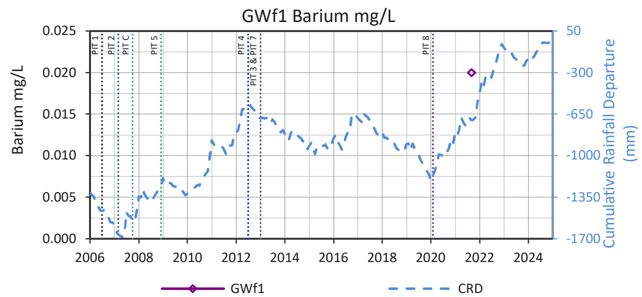


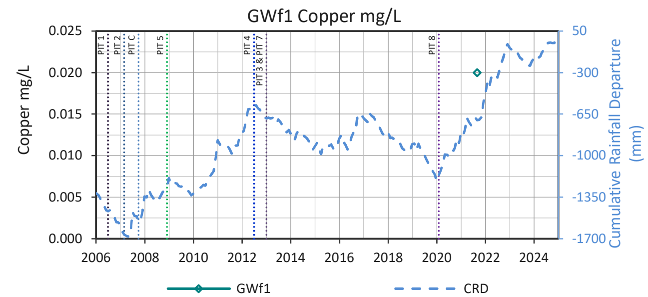



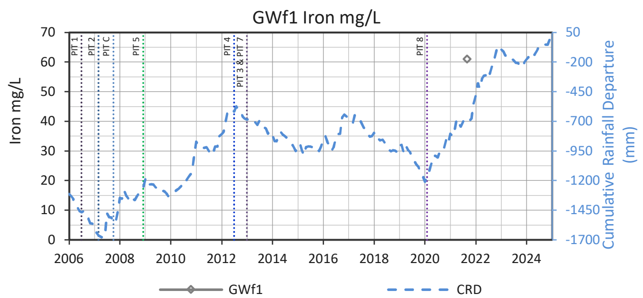



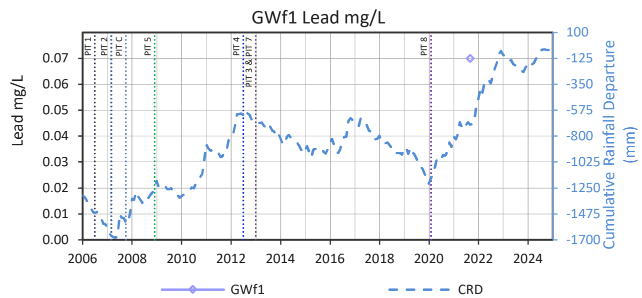

GWf1

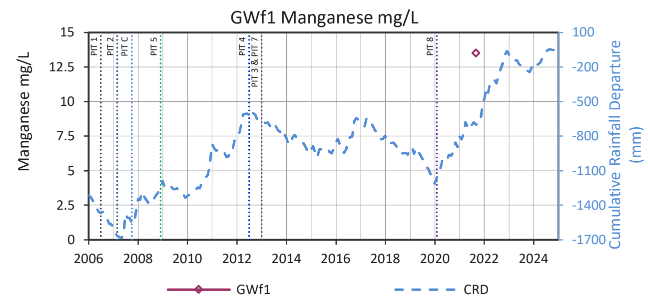
No Data Available for Arsenic mg/L

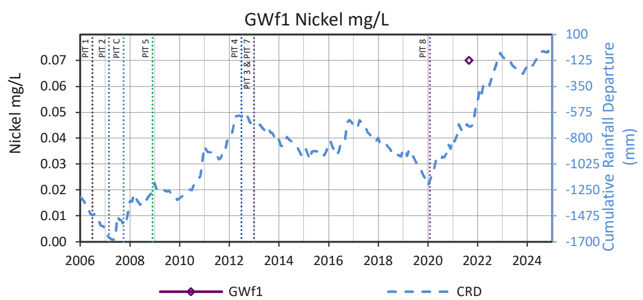


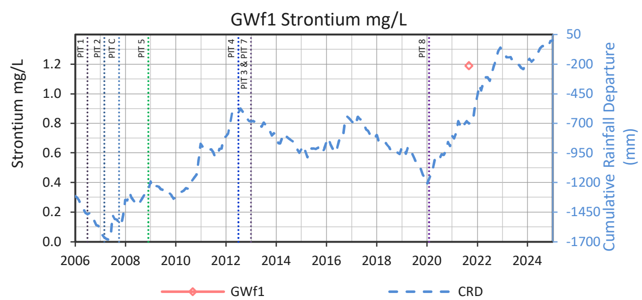



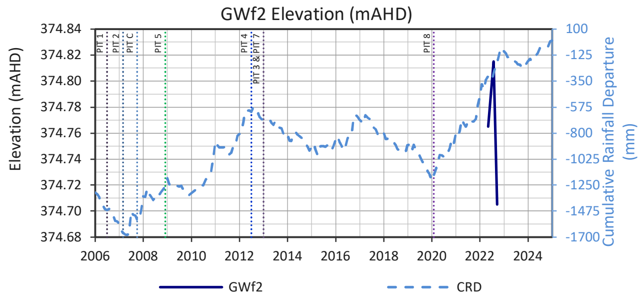



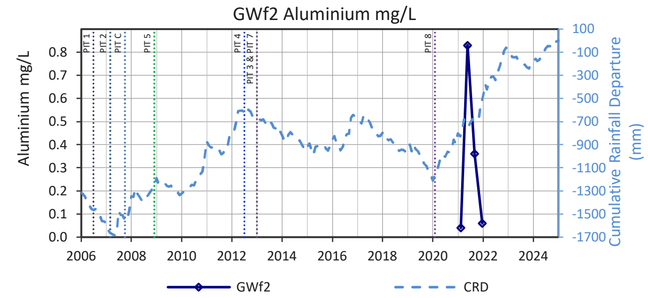

GWf1

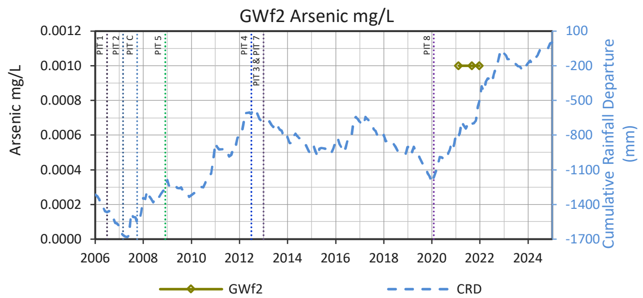
No Data Available for Molybdenum mg/L

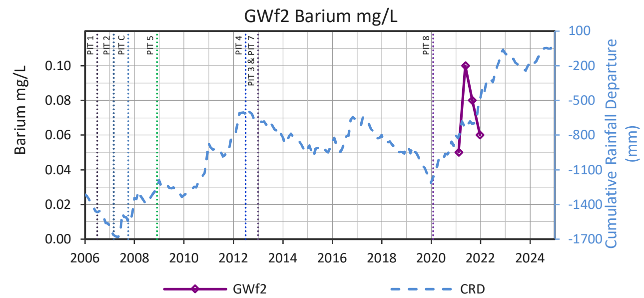


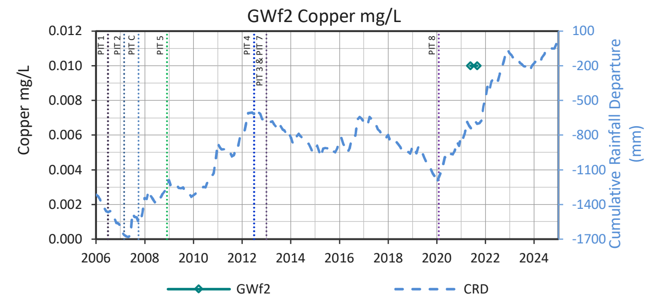

GWf2

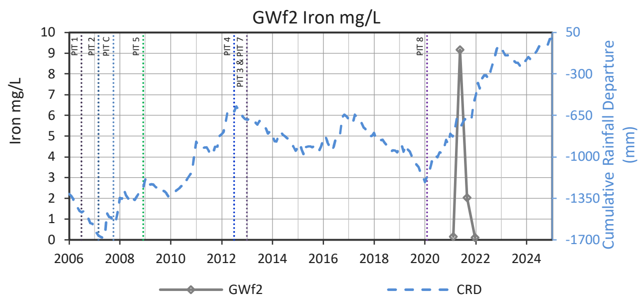
No Data Available for pH (pH unit)

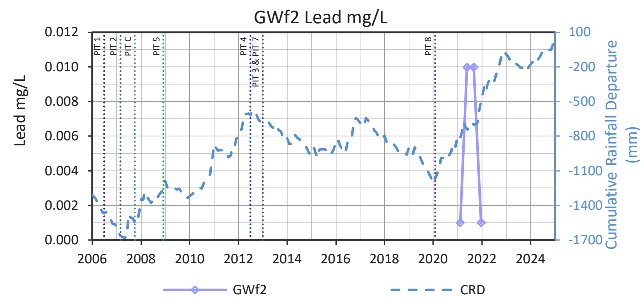


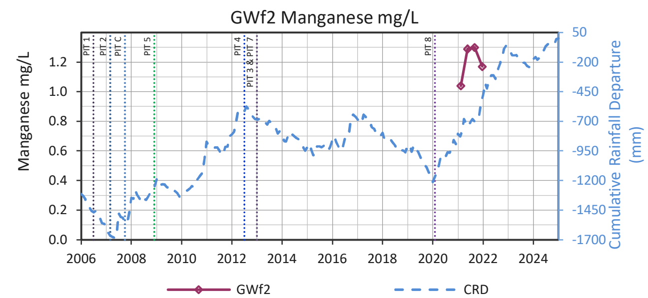



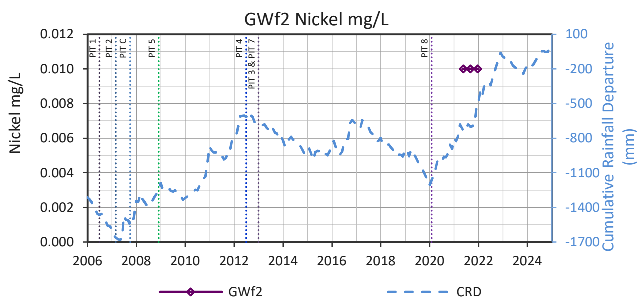



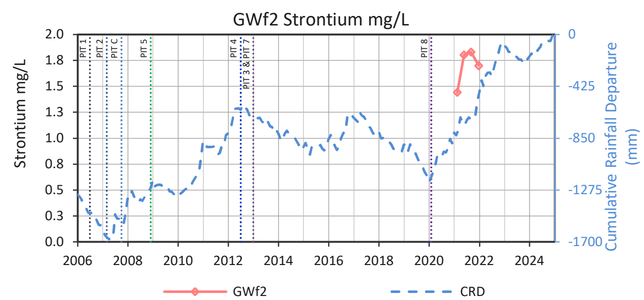



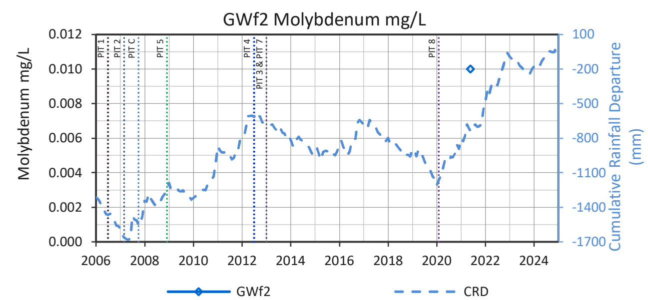



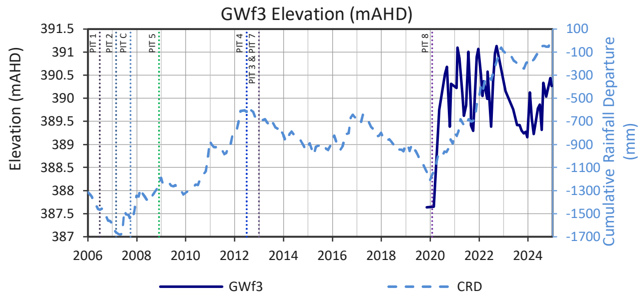



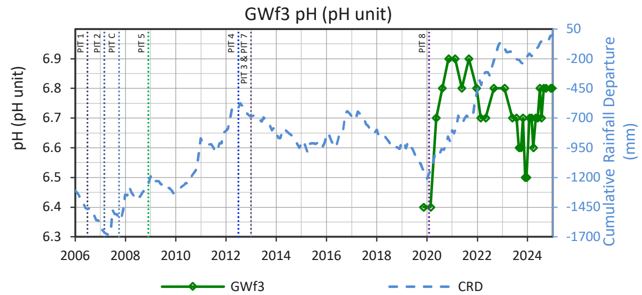



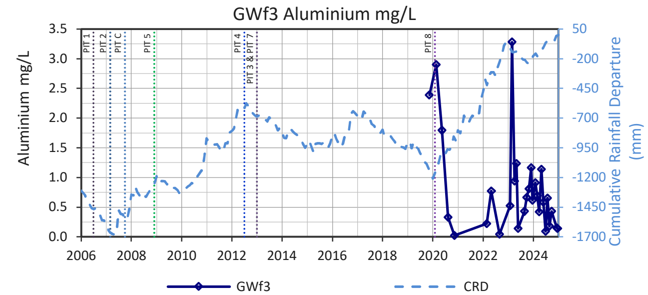



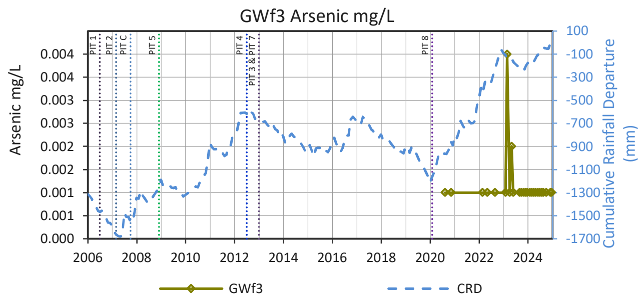



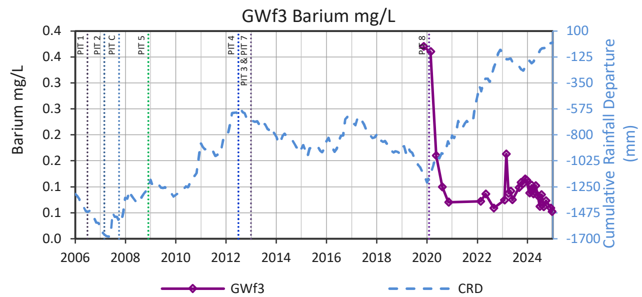



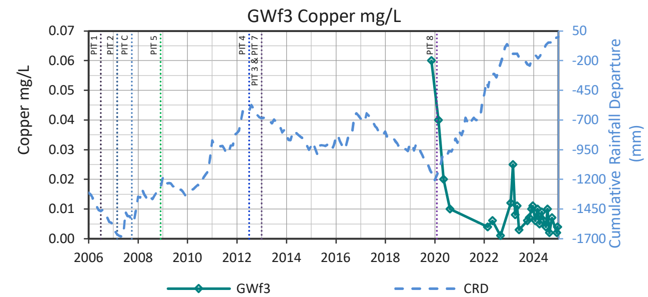

GWf3 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWf3
CRD

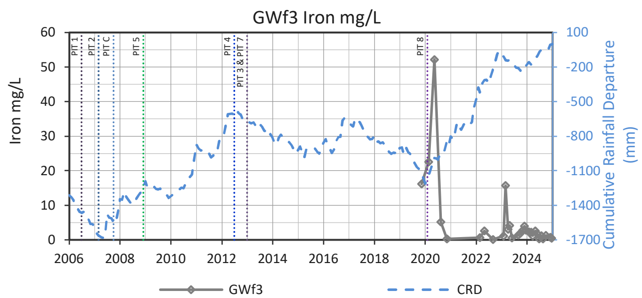

GWf3 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWf3
CRD

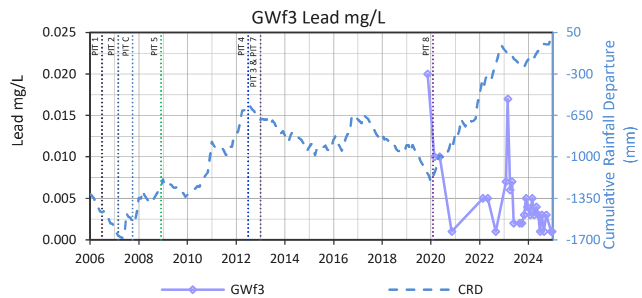

GWf3 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

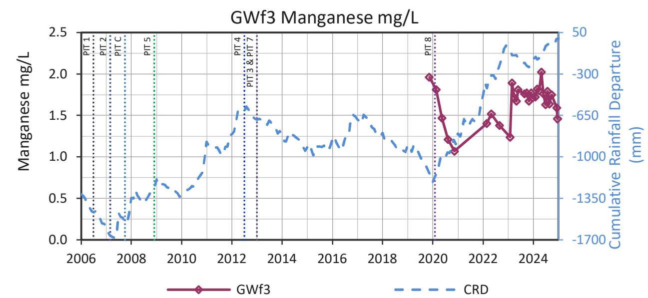

GWf3 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

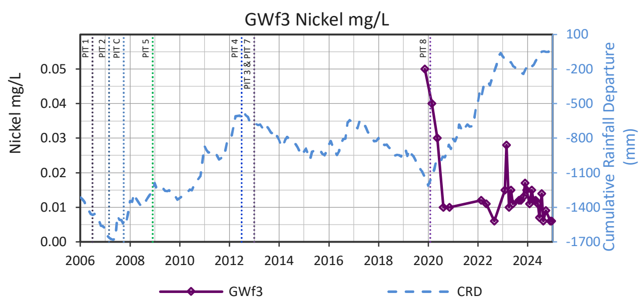

GWf3 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

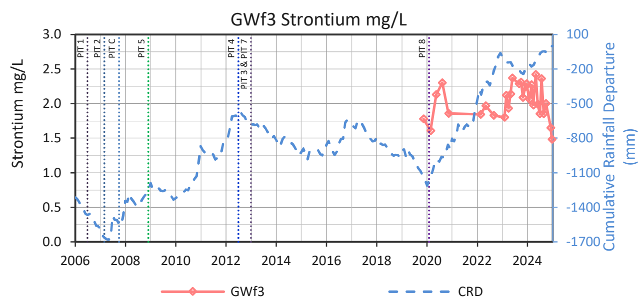

GWf3 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

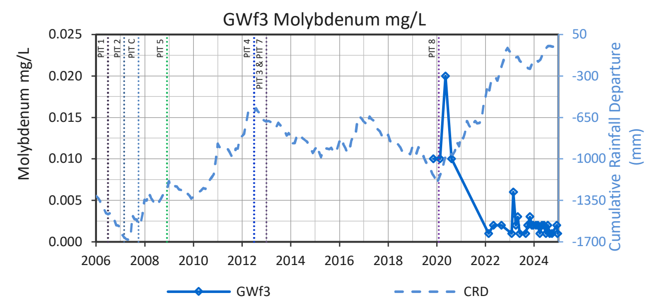

GWf3 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

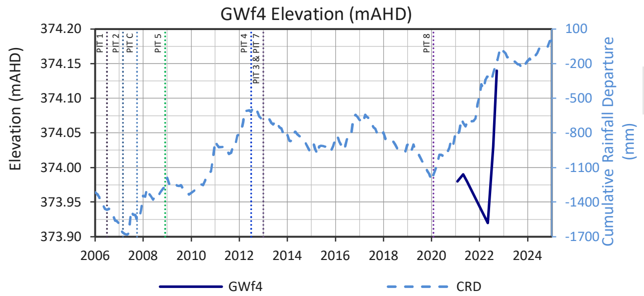

GWf3 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD


GWf3 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD


GWf3 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

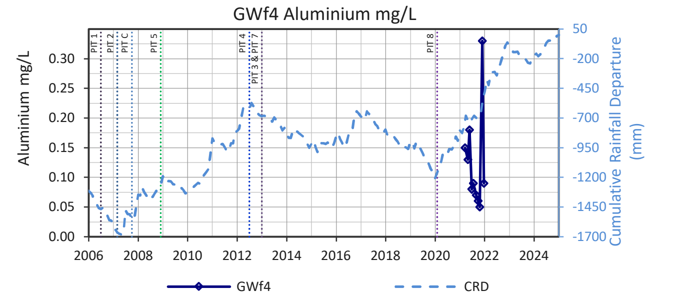

GWf3 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

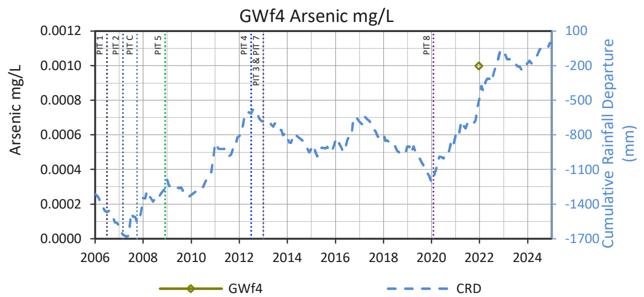

GWf3 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

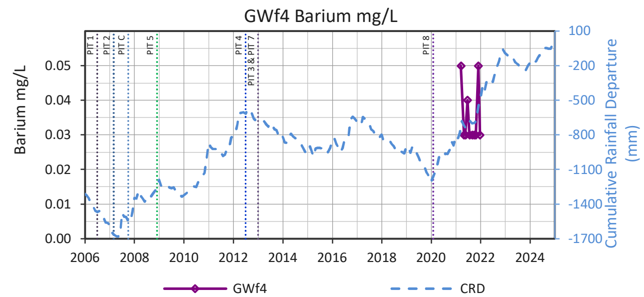


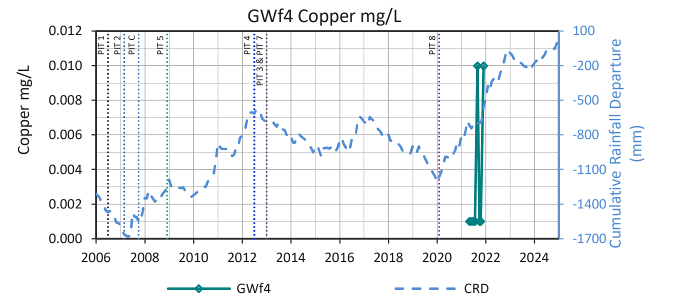

GWf4

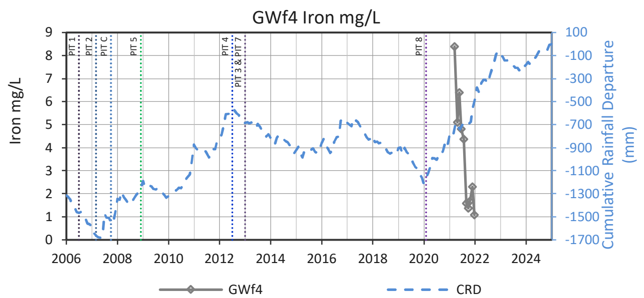
No Data Available for pH (pH unit)

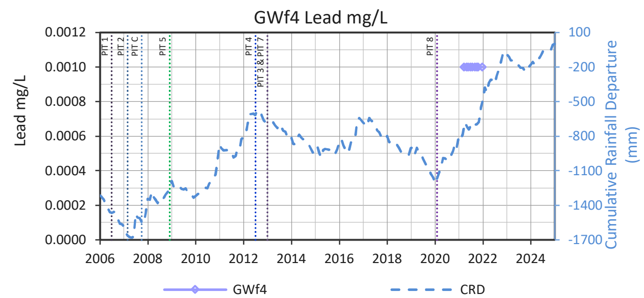


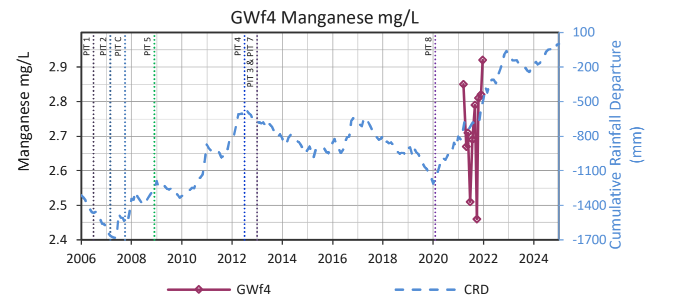



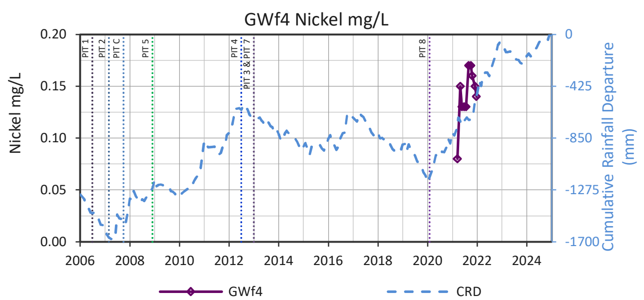



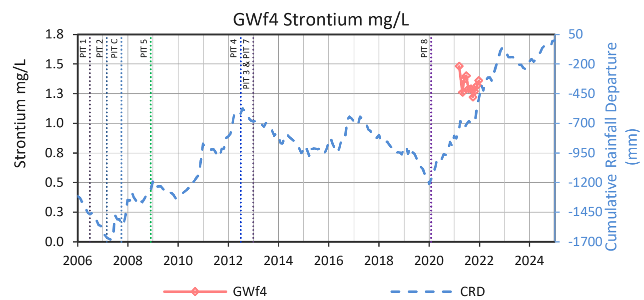



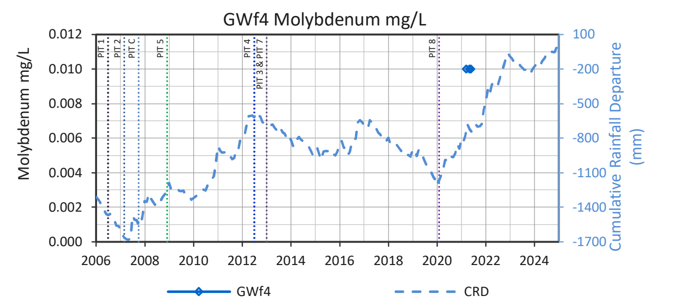



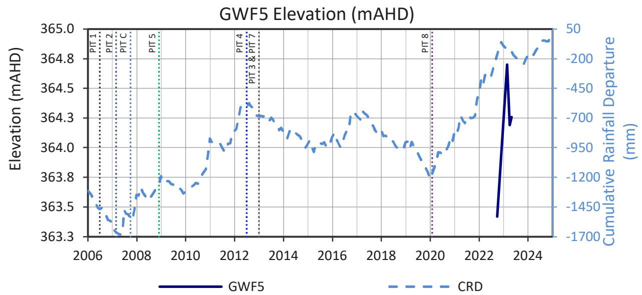



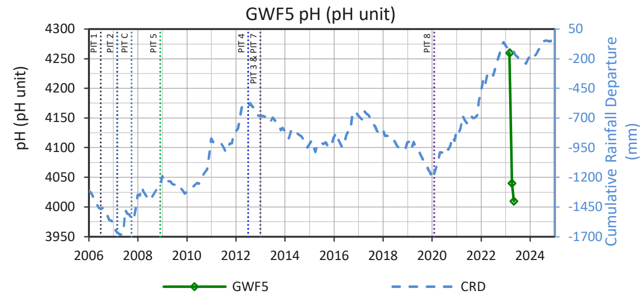



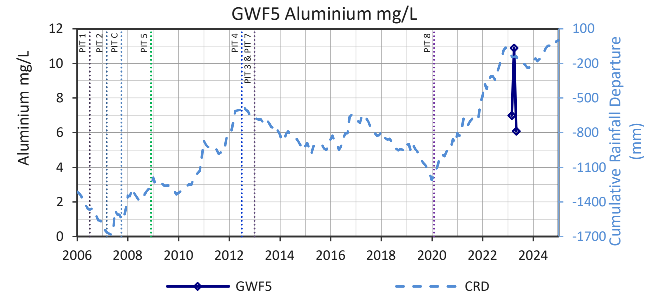



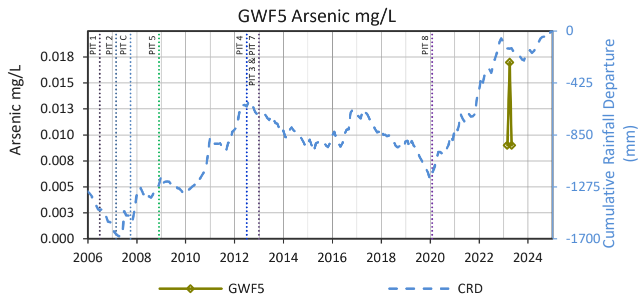



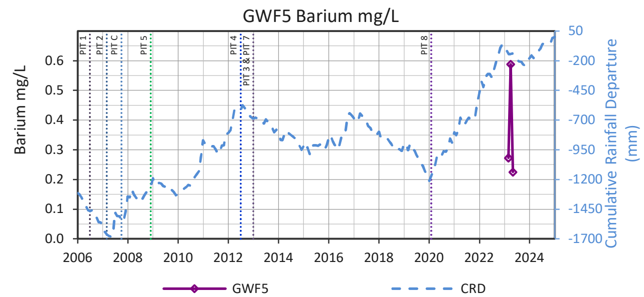



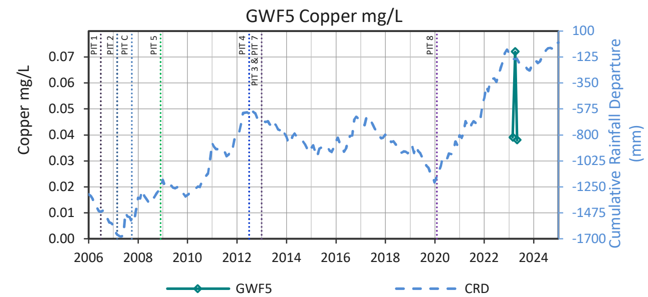

GWF5 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWF5
CRD

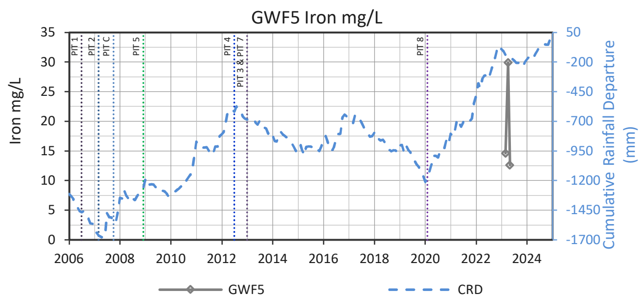

GWF5 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
GWF5
CRD

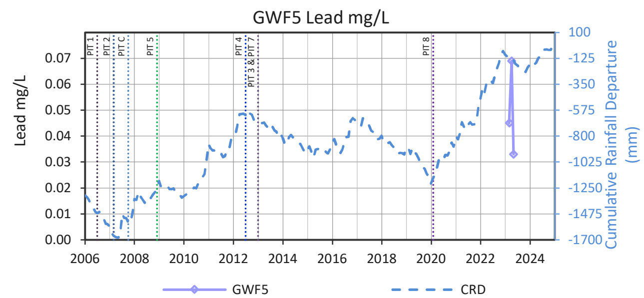

GWF5 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD

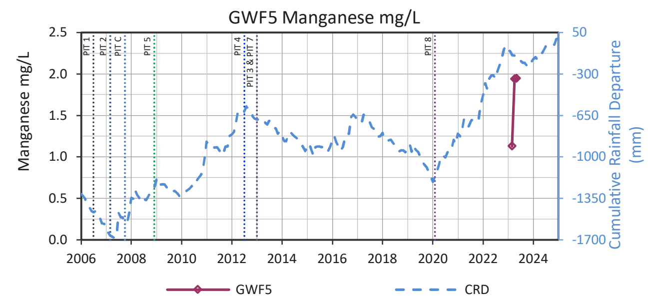

GWF5 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD

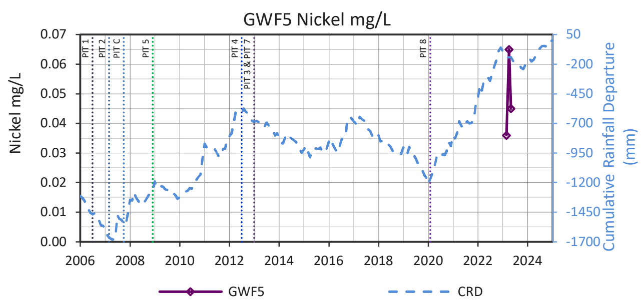

GWF5 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD

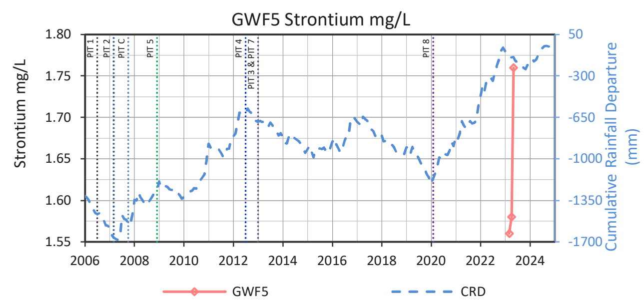

GWF5 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD

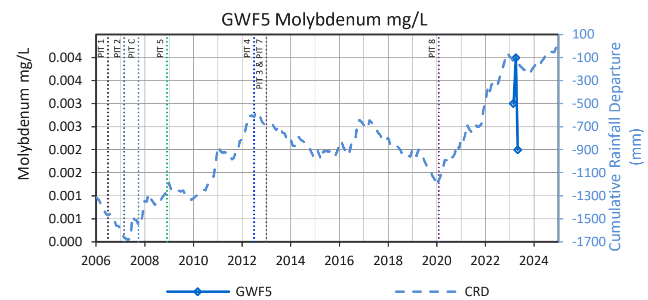

GWF5 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD

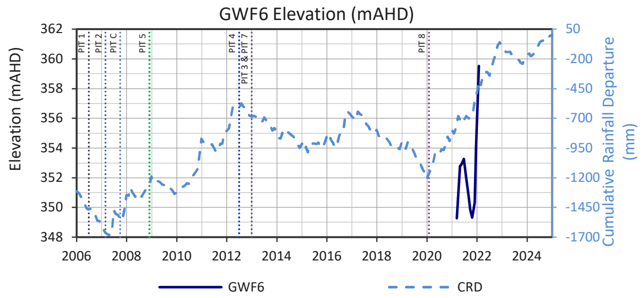

GWF5 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD

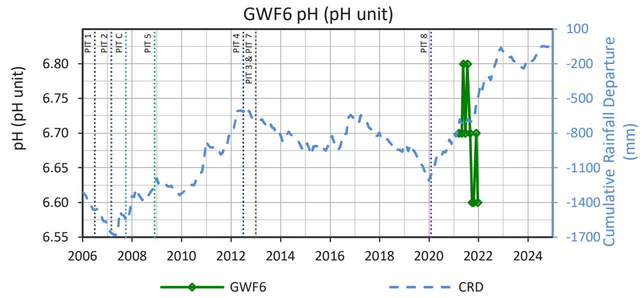

GWF5 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD


GWF5 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD


GWF5 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD


GWF5 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD




GWF6

No Data Available for Aluminium mg/L

GWF6

No Data Available for Arsenic mg/L

GWF6

No Data Available for Barium mg/L

GWF6

No Data Available for Copper mg/L

GWF6

No Data Available for Iron mg/L

GWF6

No Data Available for Lead mg/L

GWF6

No Data Available for Manganese mg/L

GWF6

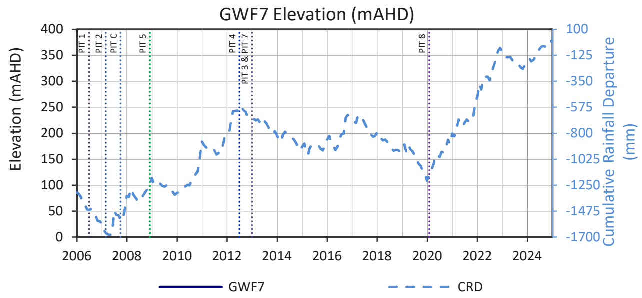
No Data Available for Nickel mg/L

GWF6

No Data Available for Strontium mg/L

GWF6

No Data Available for Molybdenum mg/L




GWF7

No Data Available for pH (pH unit)

GWF7

No Data Available for Aluminium mg/L

GWF7

No Data Available for Arsenic mg/L

GWF7

No Data Available for Barium mg/L

GWF7

No Data Available for Copper mg/L

GWF7

No Data Available for Iron mg/L

GWF7

No Data Available for Lead mg/L

GWF7

No Data Available for Manganese mg/L

GWF7

No Data Available for Nickel mg/L

GWF7

No Data Available for Strontium mg/L

GWF7

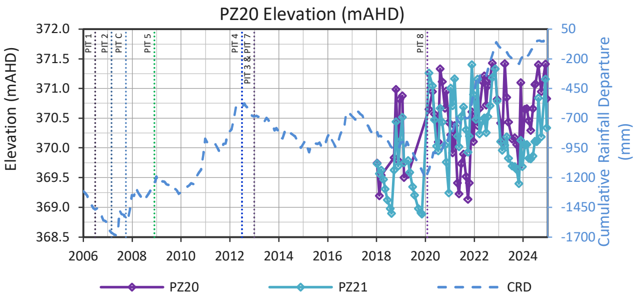
No Data Available for Molybdenum mg/L

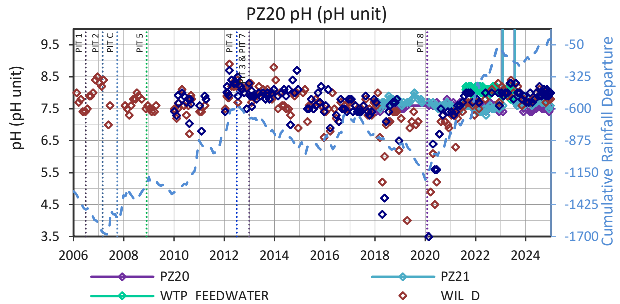
| PZ13 | PZ13 | PZ13 |
|---|---|---|
| No Data Available for Elevation (mAHD) | No Data Available for pH (pH unit) | No Data Available for Aluminium mg/L |

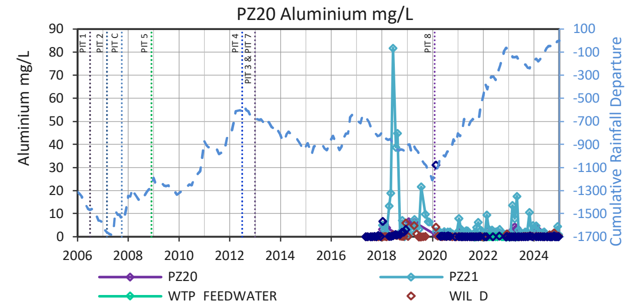
| PZ13 | PZ13 | PZ13 |
|---|---|---|
| No Data Available for Arsenic mg/L | No Data Available for Barium mg/L | No Data Available for Copper mg/L |

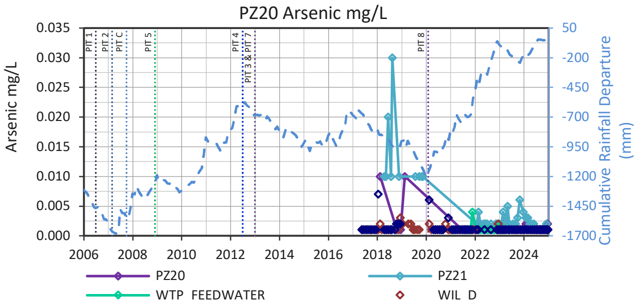
| PZ13 | PZ13 | PZ13 |
|---|---|---|
| No Data Available for Iron mg/L | No Data Available for Lead mg/L | No Data Available for Manganese mg/L |

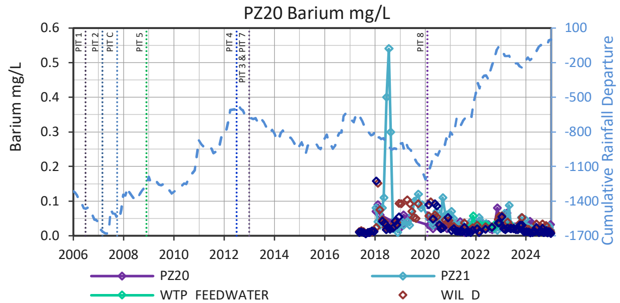
| PZ13 | PZ13 | PZ13 |
|---|---|---|
| No Data Available for Nickel mg/L | No Data Available for Strontium mg/L | No Data Available for Molybdenum mg/L |

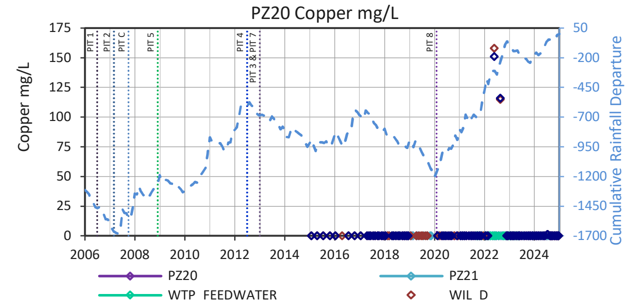

PZ20 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PZ20
PZ21
CRD

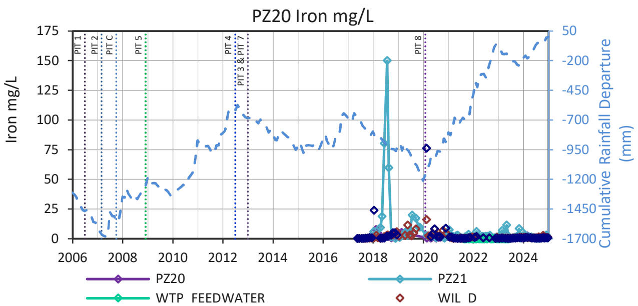

PZ20 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

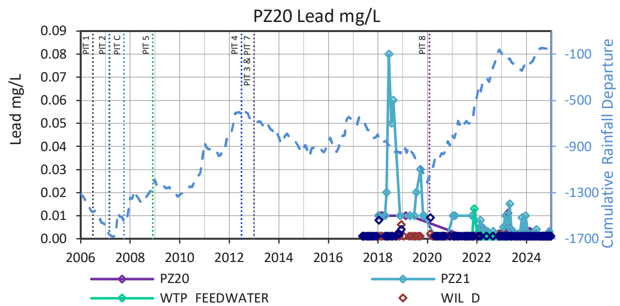

PZ20 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

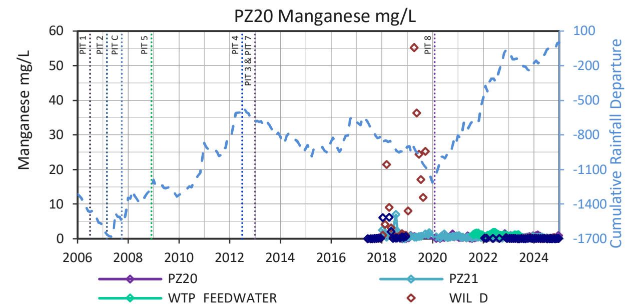

PZ20 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

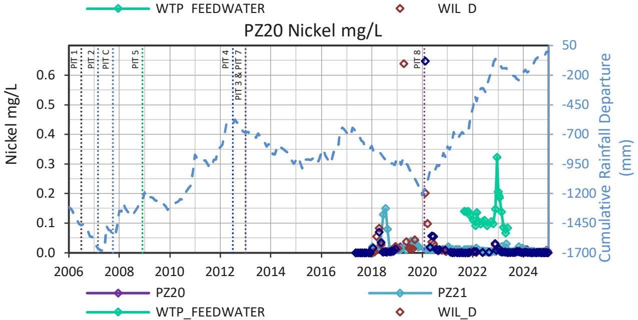

PZ20 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

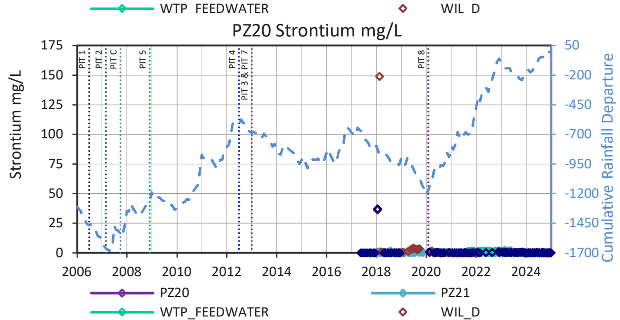

PZ20 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

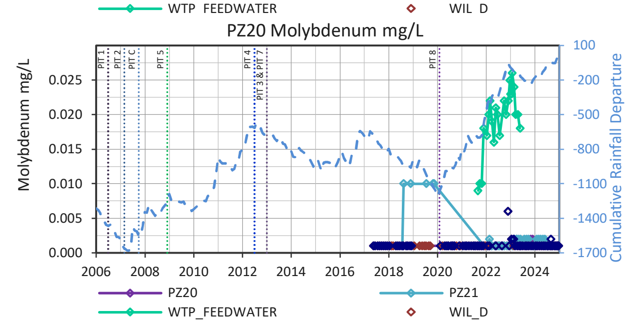

PZ20 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

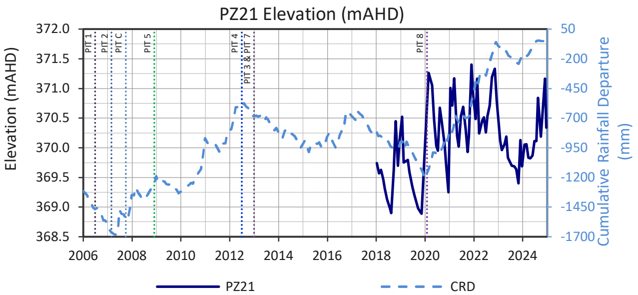

PZ20 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

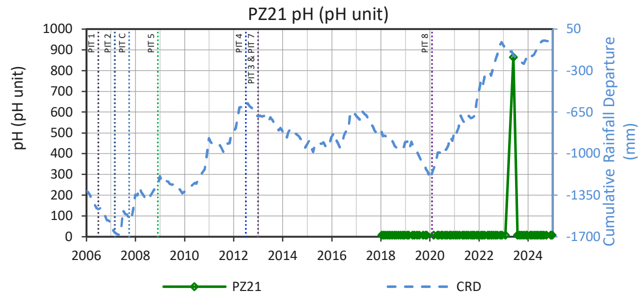

PZ20 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

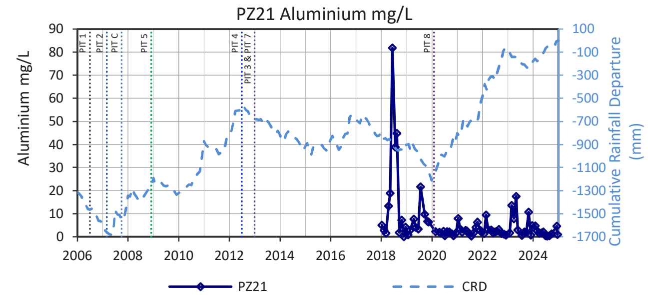

PZ20 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP_FEEDWATER
WIL_D

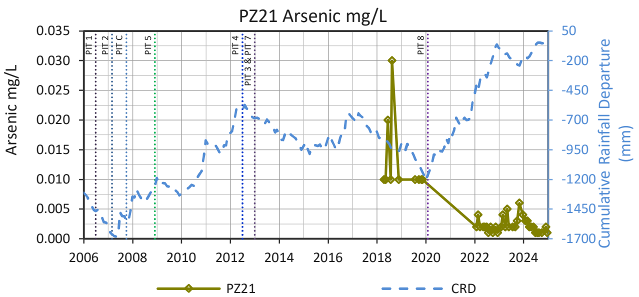

PZ20 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP_FEEDWATER
WIL_D

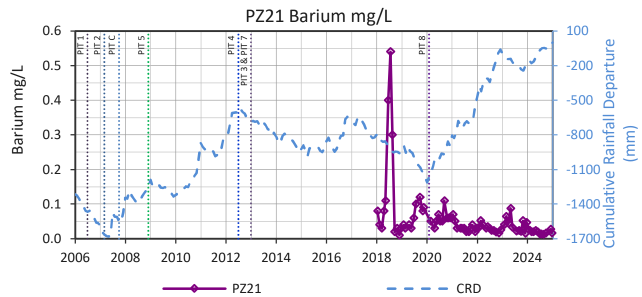

PZ20 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP_FEEDWATER
WIL_D

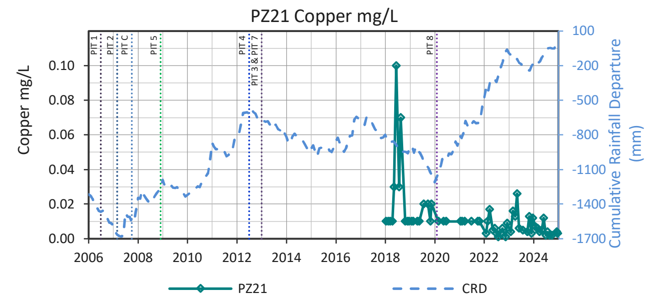

PZ21 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PZ21
CRD

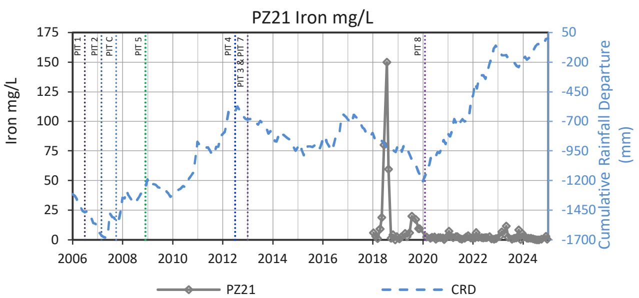

PZ21 pH (pH unit)
pH (pH unit)
Cumulative Rainfall Departure (mm)
PZ21
CRD

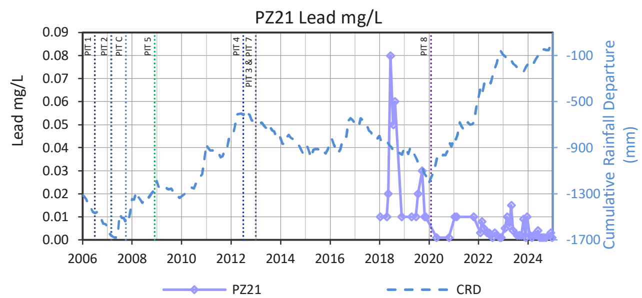

PZ21 Aluminium mg/L
Aluminium mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD

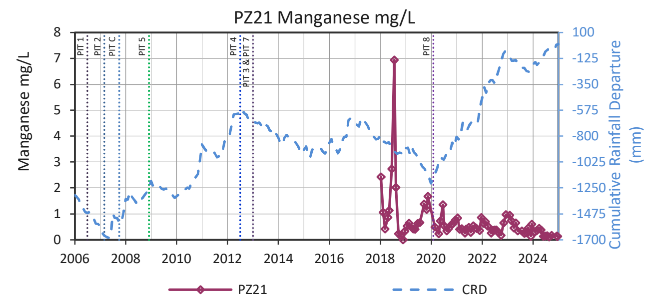

PZ21 Arsenic mg/L
Arsenic mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD

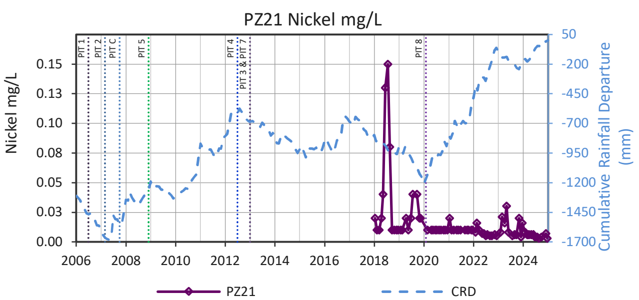

PZ21 Barium mg/L
Barium mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD

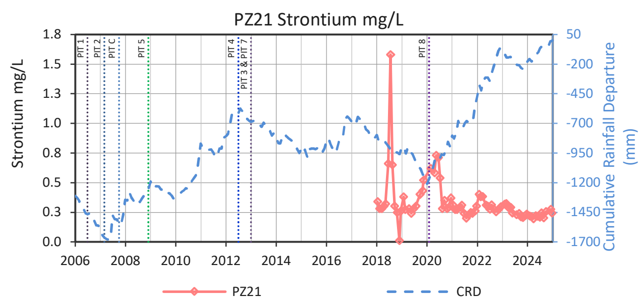

PZ21 Copper mg/L
Copper mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD

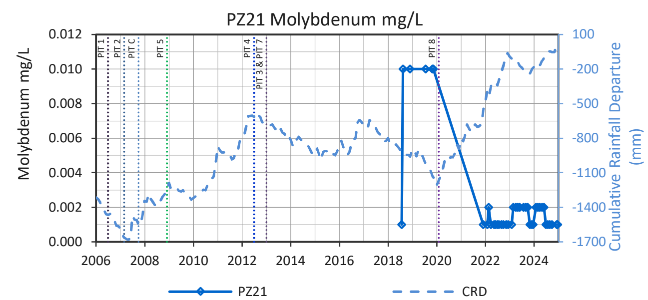

PZ21 Iron mg/L
Iron mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD


PZ21 Lead mg/L
Lead mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD


PZ21 Manganese mg/L
Manganese mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD


PZ21 Nickel mg/L
Nickel mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD


PZ21 Strontium mg/L
Strontium mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD


PZ21 Molybdenum mg/L
Molybdenum mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD

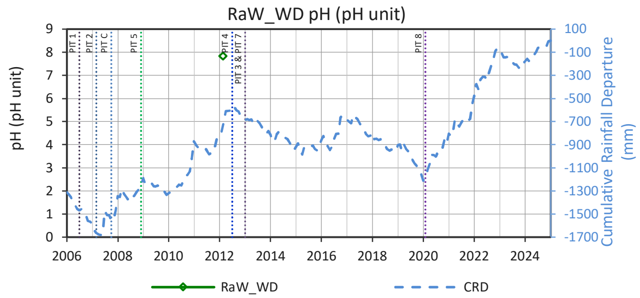
| PZ26 | PZ26 | PZ26 |
| --- | --- | --- |
| No Data Available for Elevation (mAHD) | No Data Available for pH (pH unit) | No Data Available for Aluminium mg/L |

| PZ26 | PZ26 | PZ26 |
| --- | --- | --- |
| No Data Available for Arsenic mg/L | No Data Available for Barium mg/L | No Data Available for Copper mg/L |

| PZ26 | PZ26 | PZ26 |
| --- | --- | --- |
| No Data Available for Iron mg/L | No Data Available for Lead mg/L | No Data Available for Manganese mg/L |

| PZ26 | PZ26 | PZ26 |
| --- | --- | --- |
| No Data Available for Nickel mg/L | No Data Available for Strontium mg/L | No Data Available for Molybdenum mg/L |

No Data Available for Elevation (mAHD)




No Data Available for Aluminium mg/L

No Data Available for Arsenic mg/L

No Data Available for Barium mg/L

No Data Available for Copper mg/L

No Data Available for Iron mg/L

No Data Available for Lead mg/L

No Data Available for Manganese mg/L

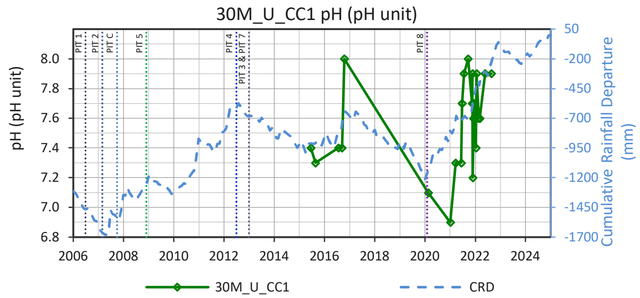
No Data Available for Nickel mg/L

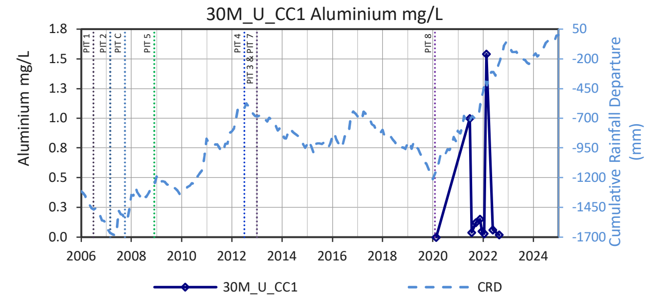
No Data Available for Strontium mg/L

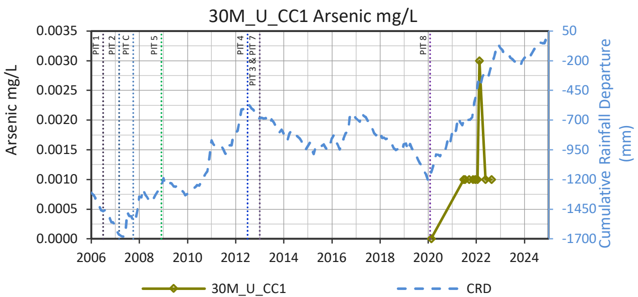
No Data Available for Molybdenum mg/L

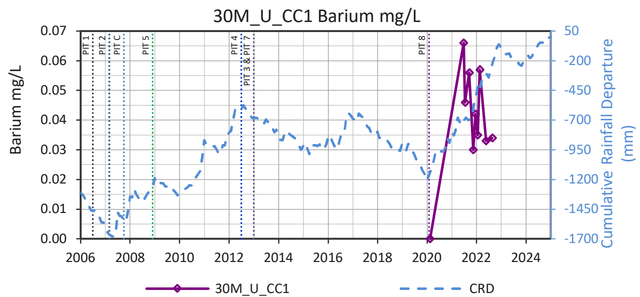
30M_U_CC1

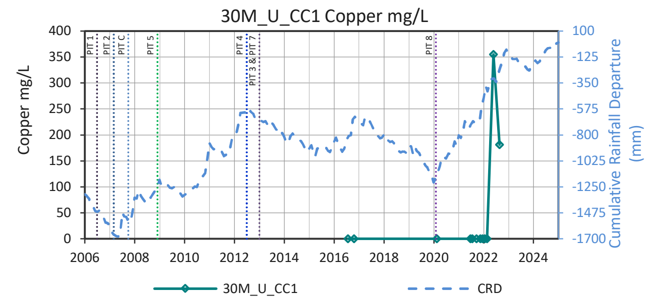
No Data Available for Elevation (mAHD)

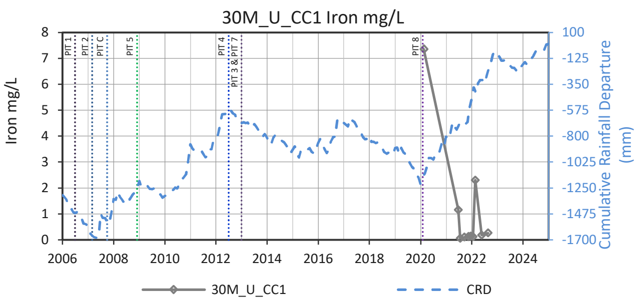


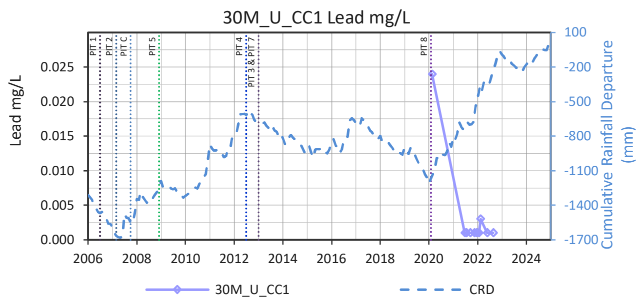



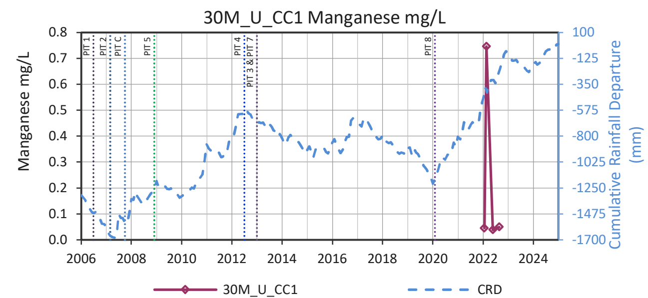



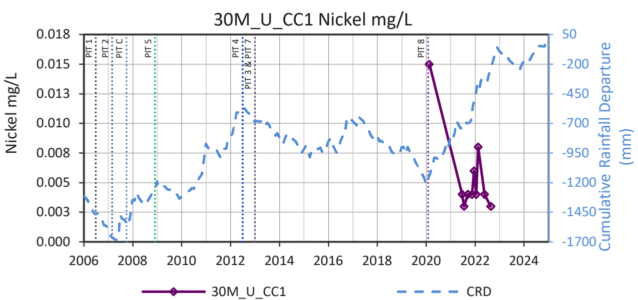



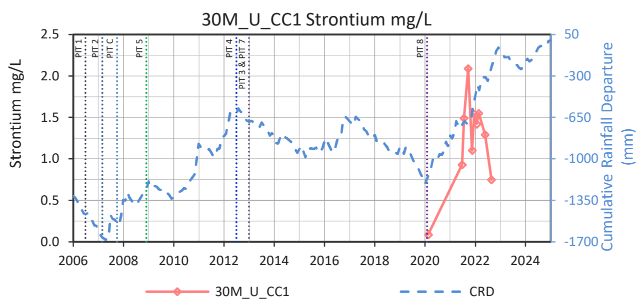



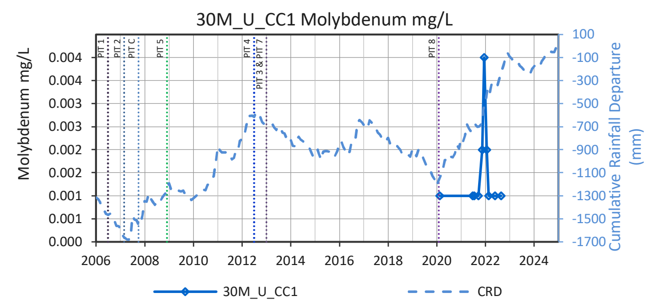



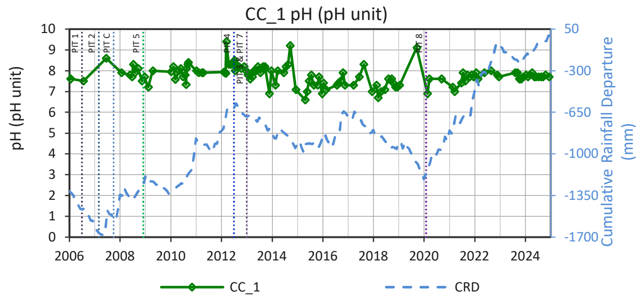



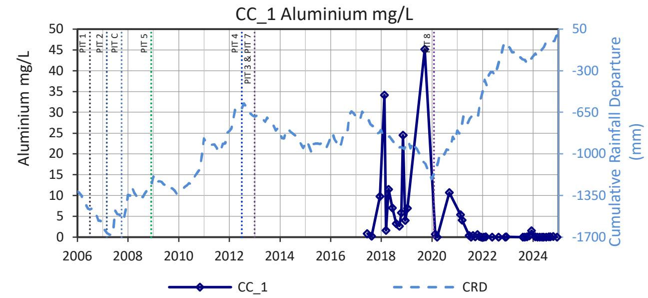



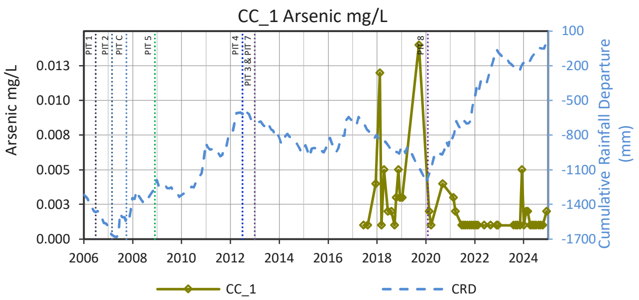



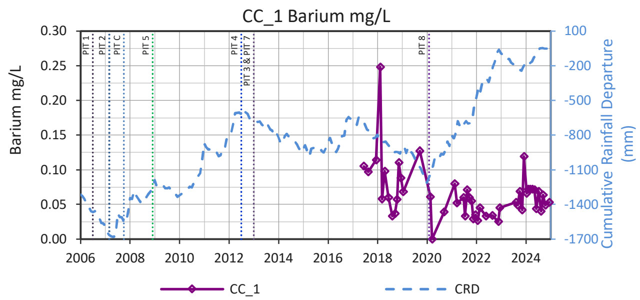
CC_1

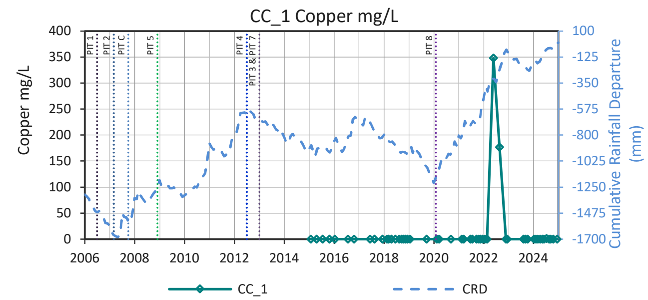
No Data Available for Elevation (mAHD)

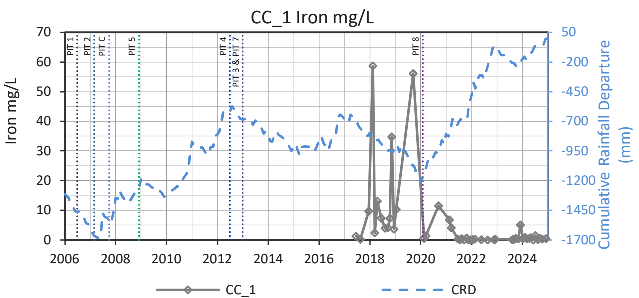


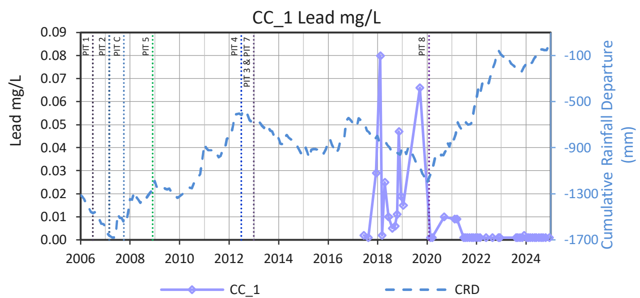



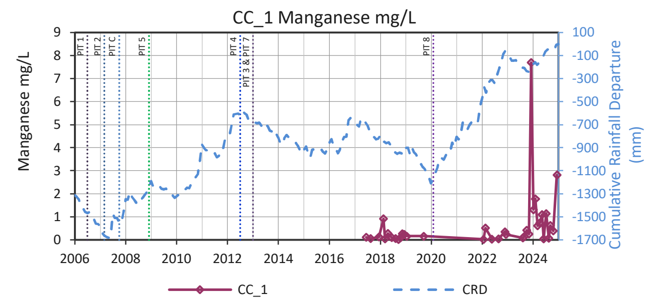



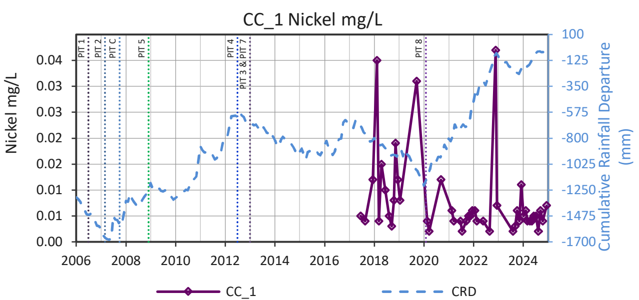



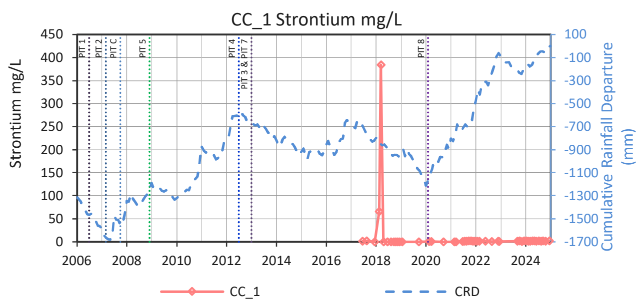



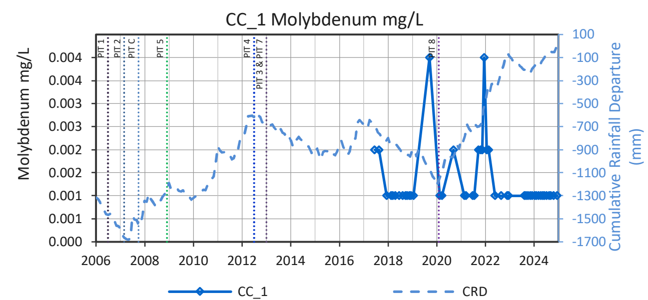



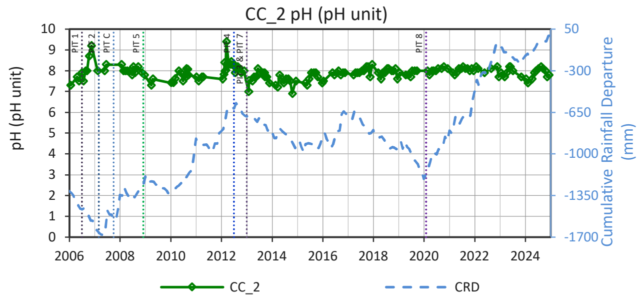



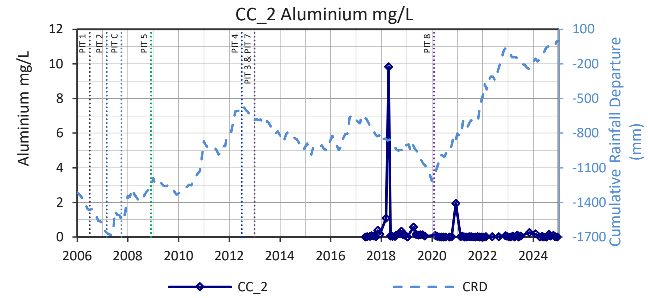



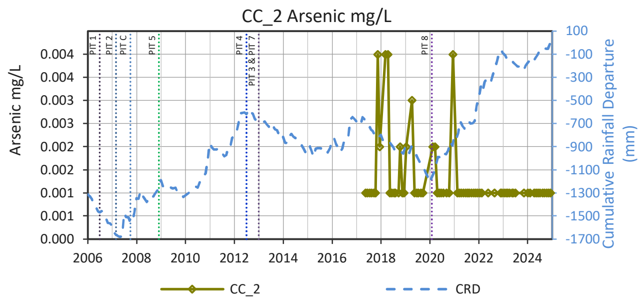



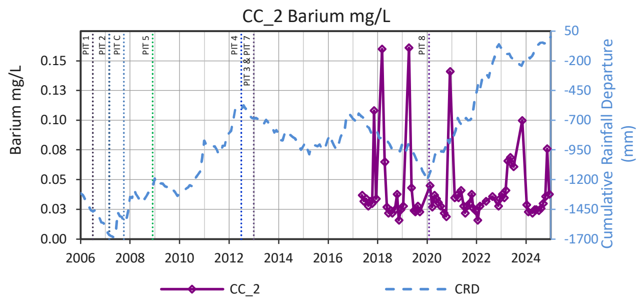
CC_2

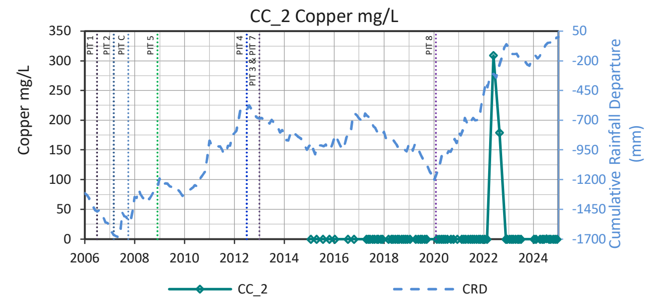
No Data Available for Elevation (mAHD)

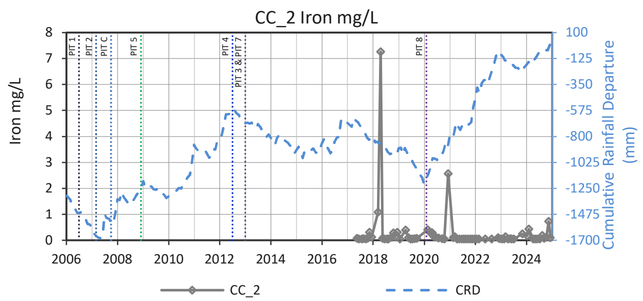


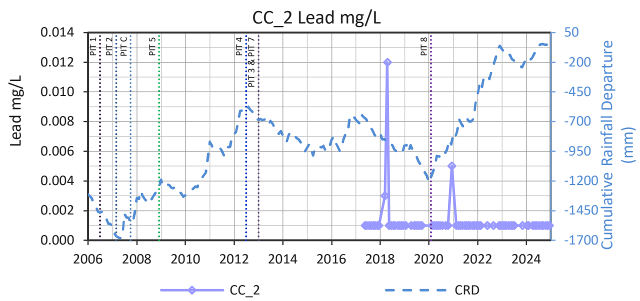



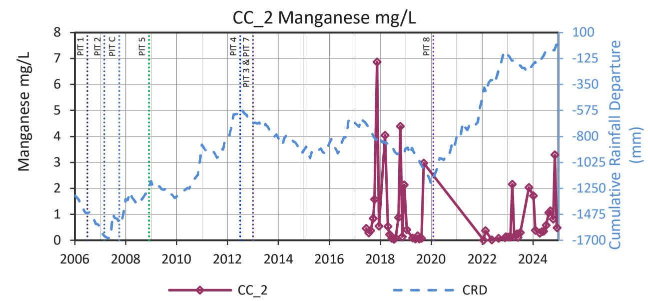



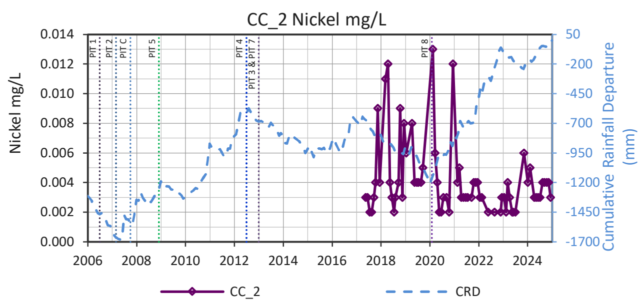



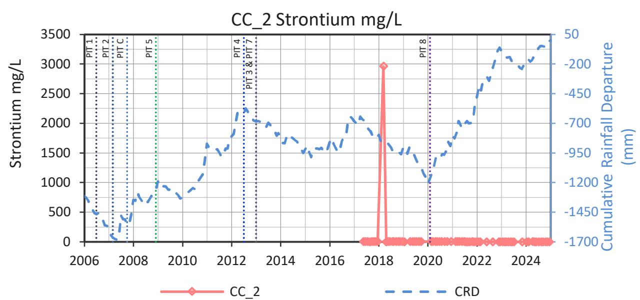



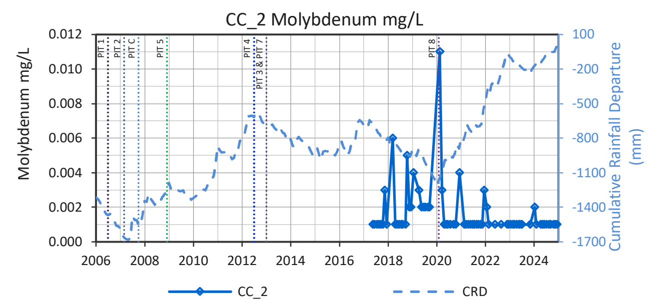



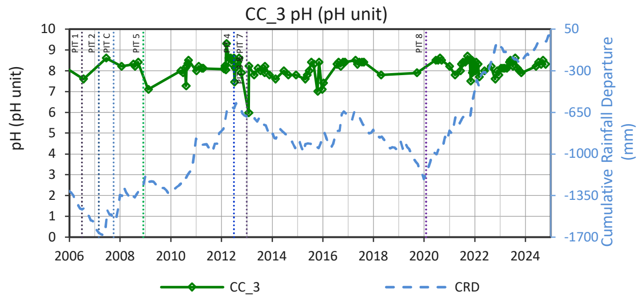



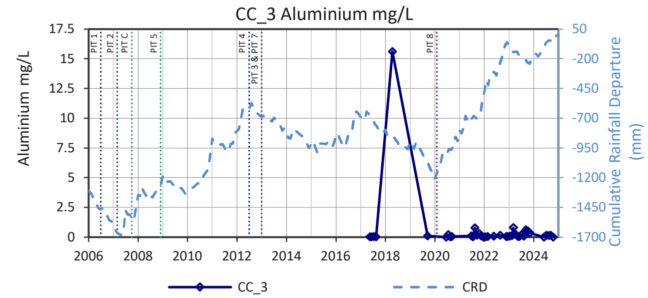



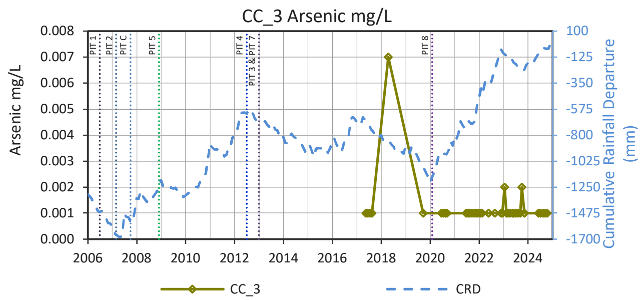



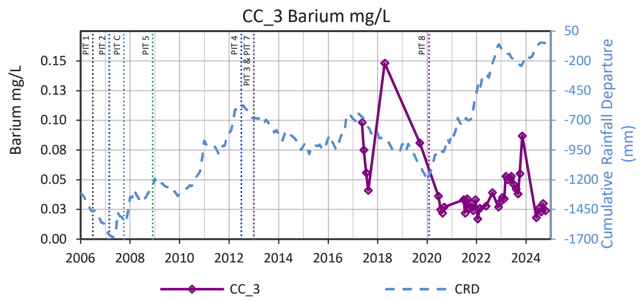
CC_3

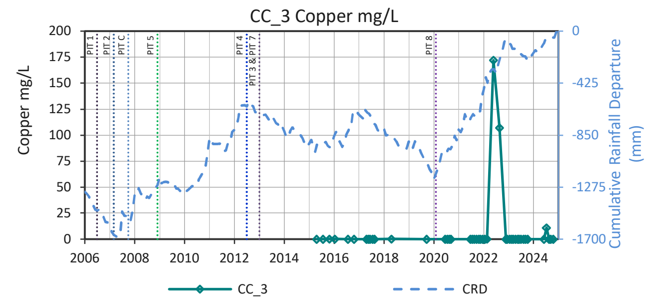
No Data Available for Elevation (mAHD)

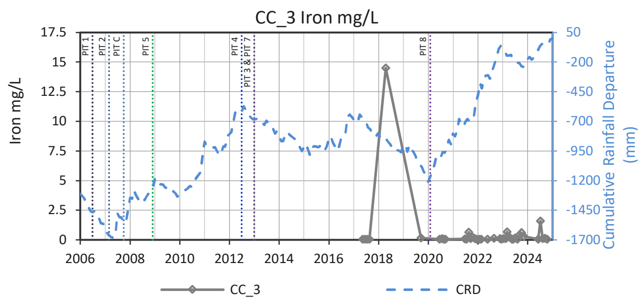


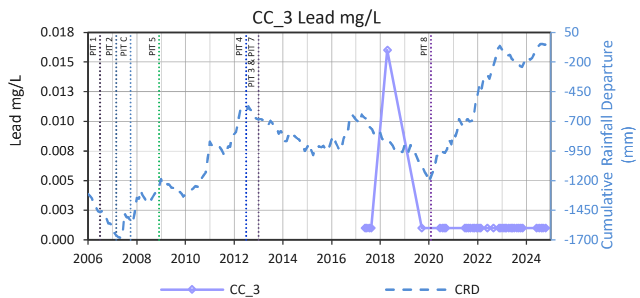



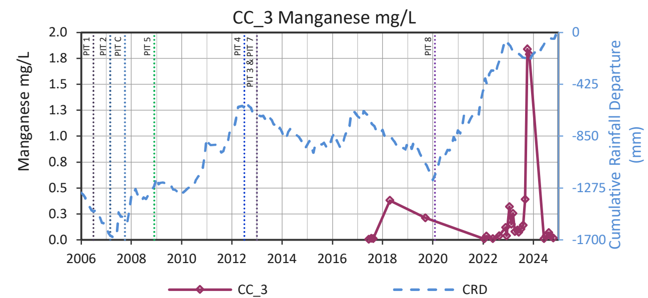



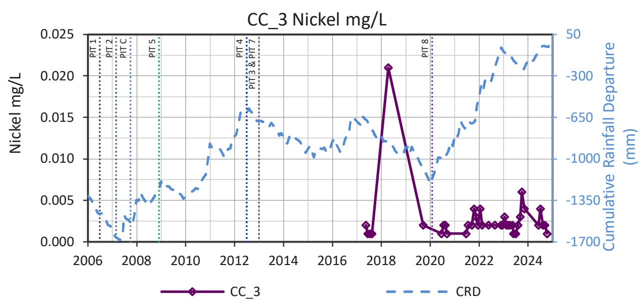



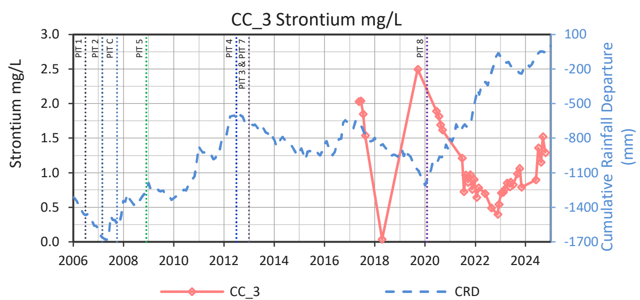



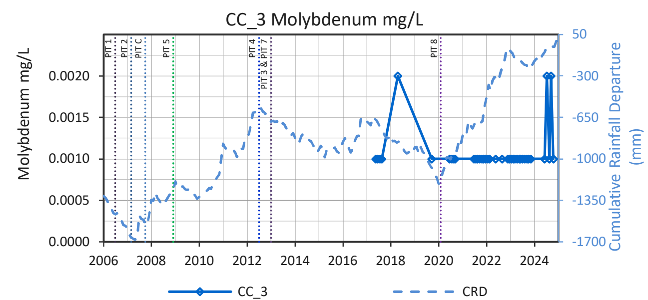



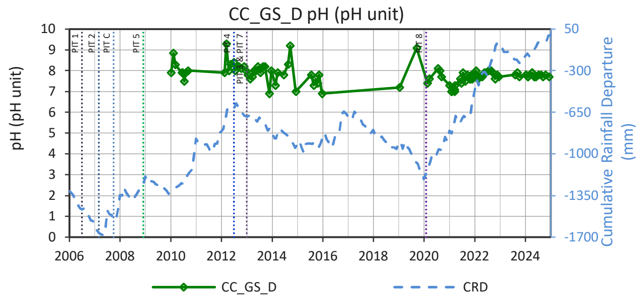



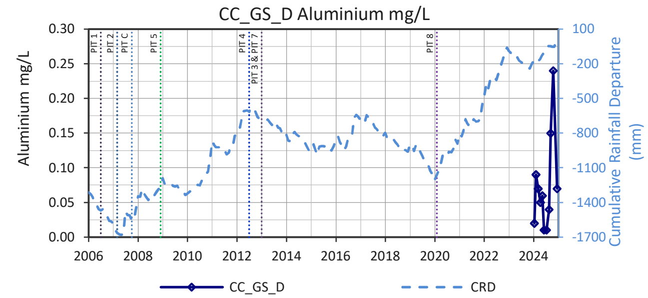



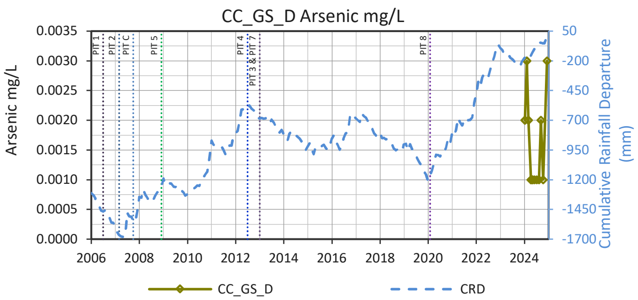



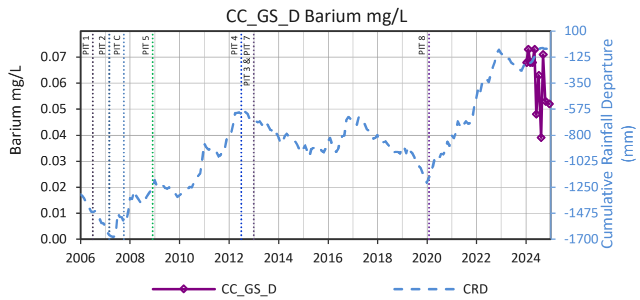
CC_GS_D

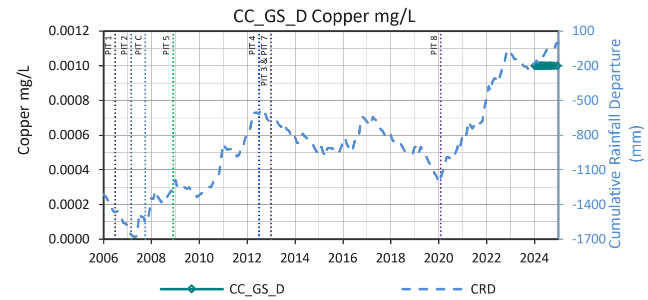
No Data Available for Elevation (mAHD)

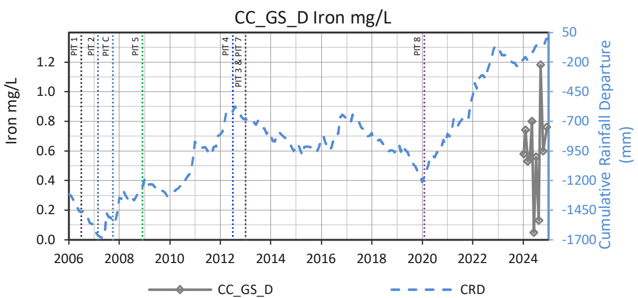


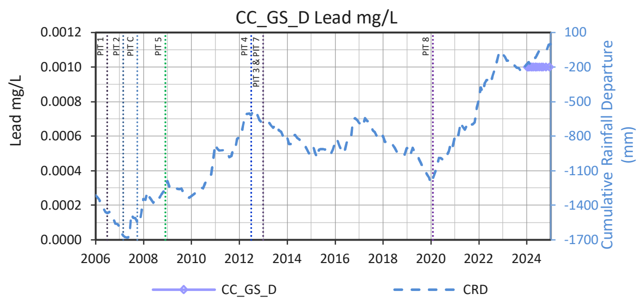



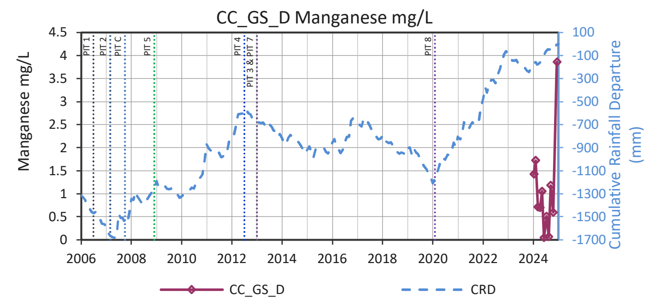



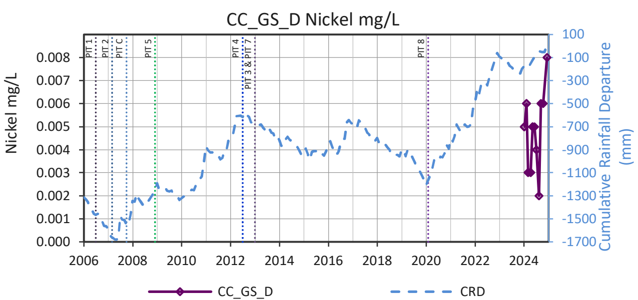



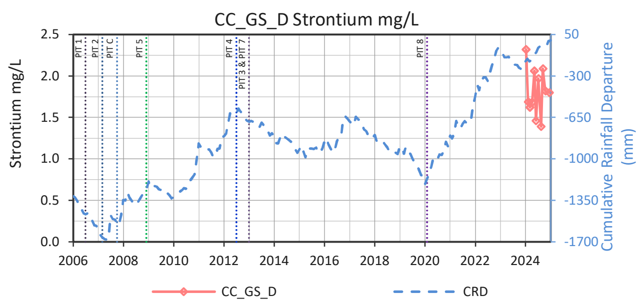



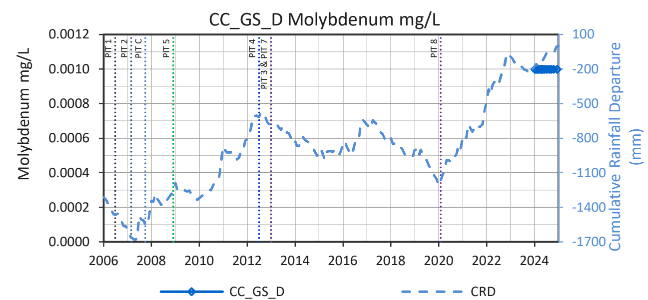



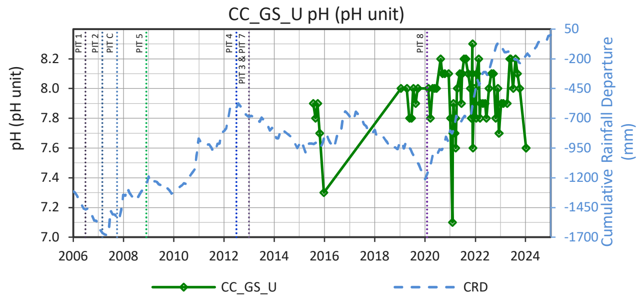



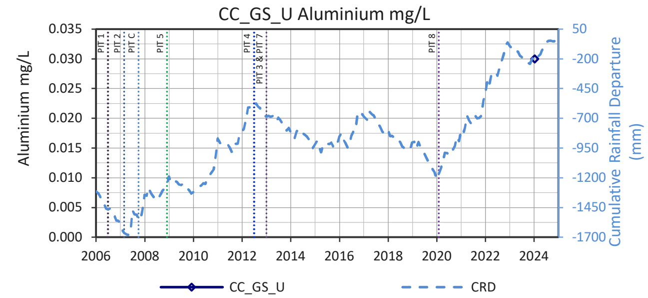



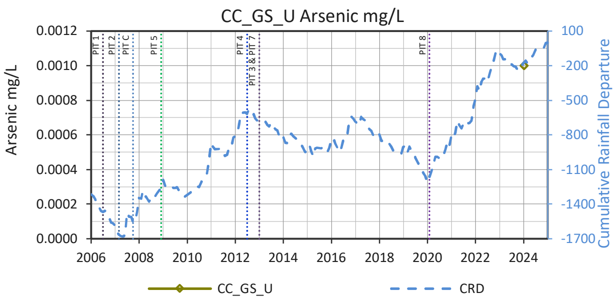



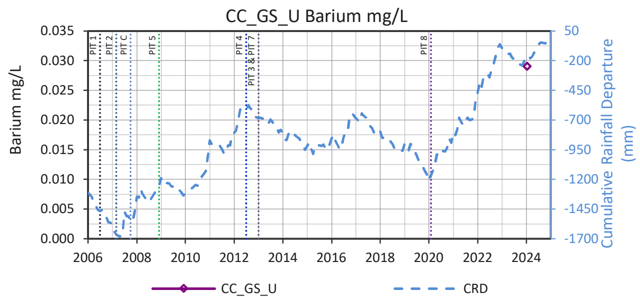
CC_GS_U

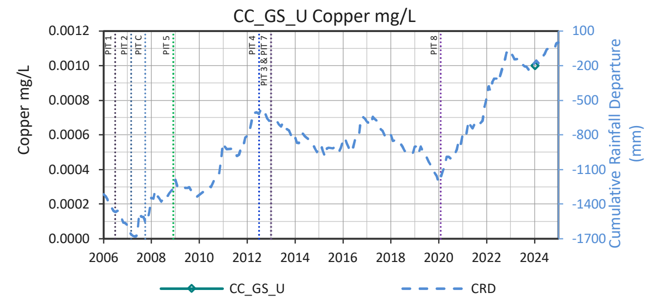
No Data Available for Elevation (mAHD)

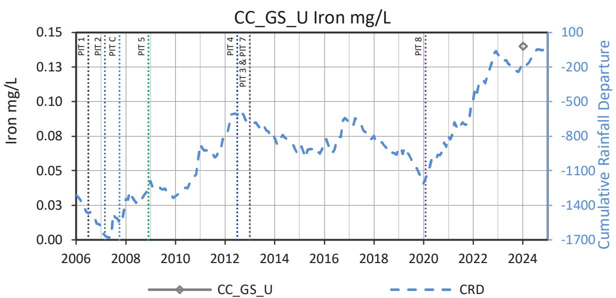


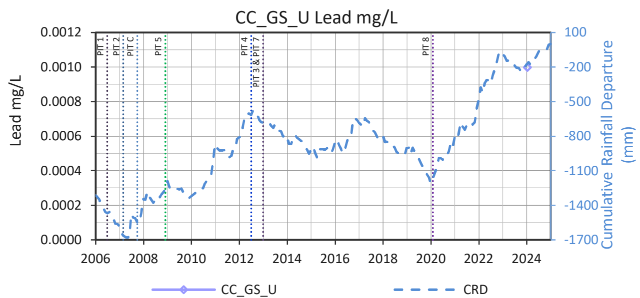



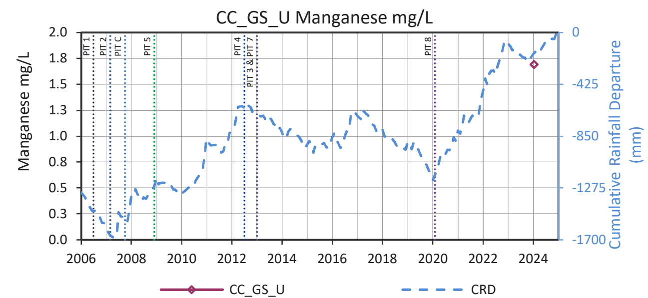



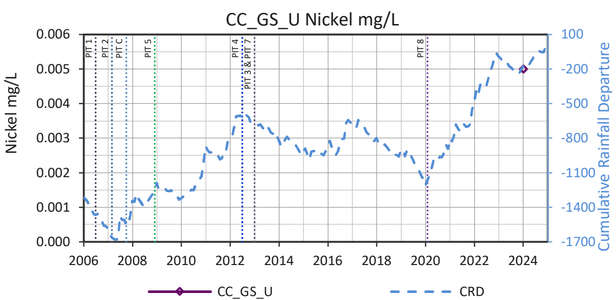



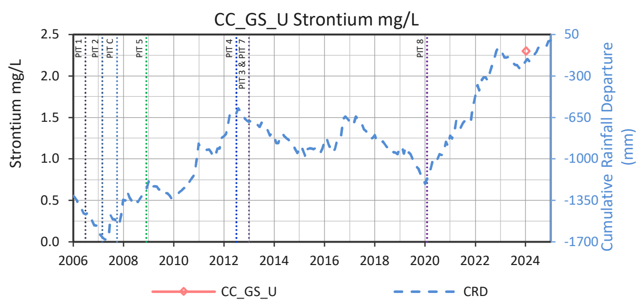



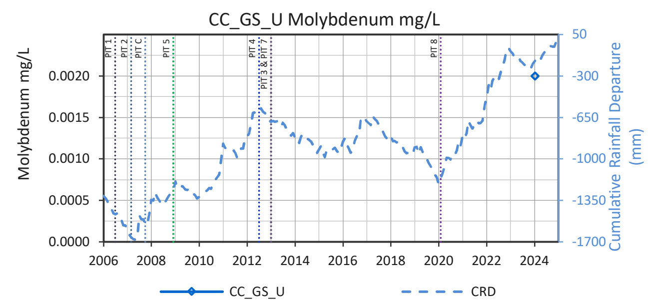



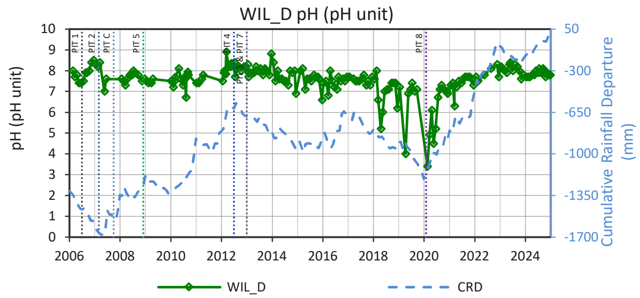



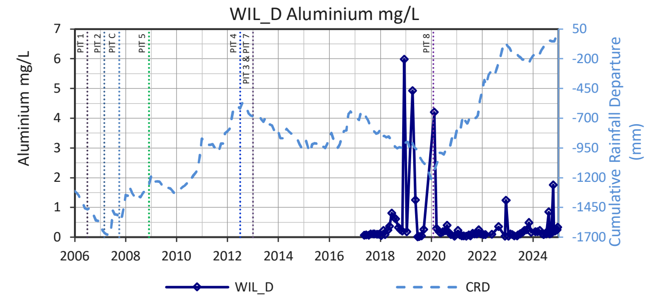



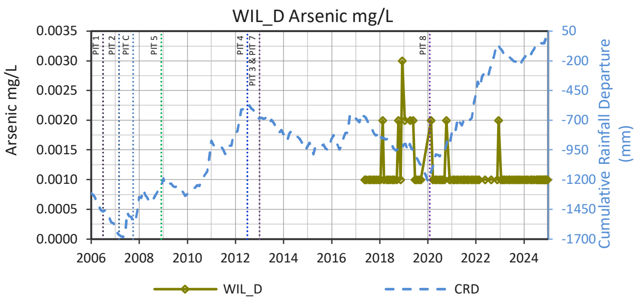



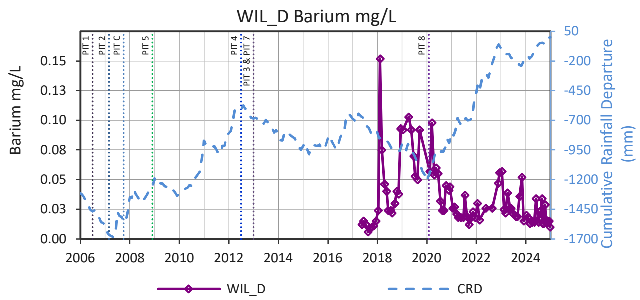
WIL_D

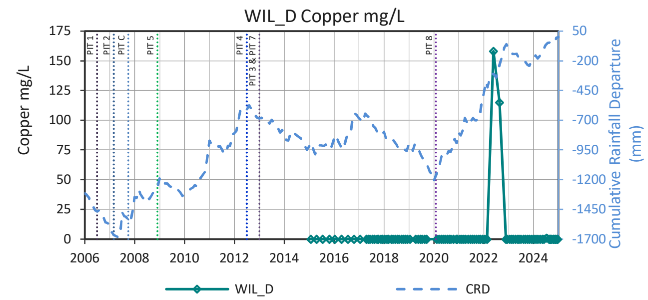
No Data Available for Elevation (mAHD)

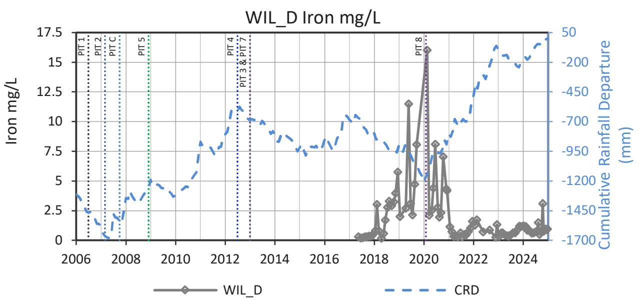


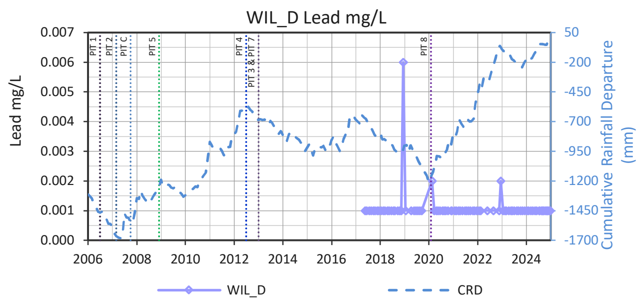



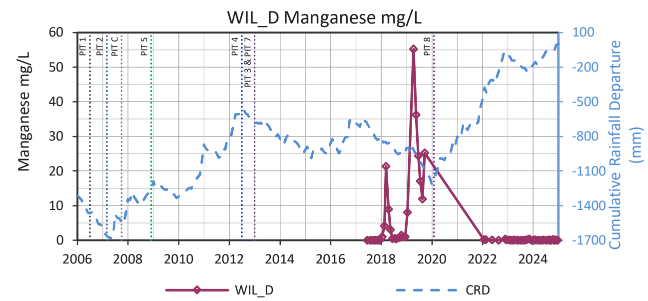



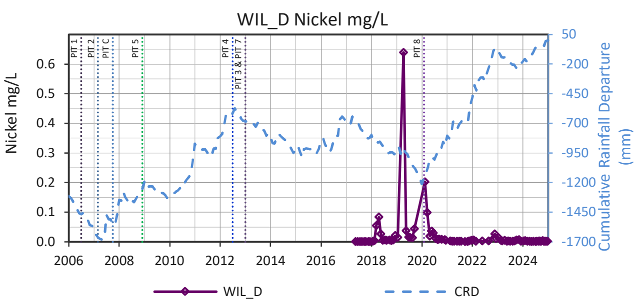



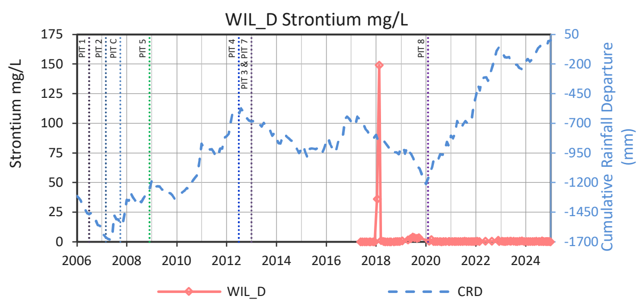



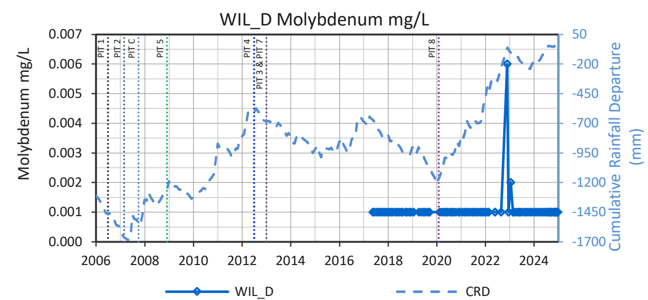



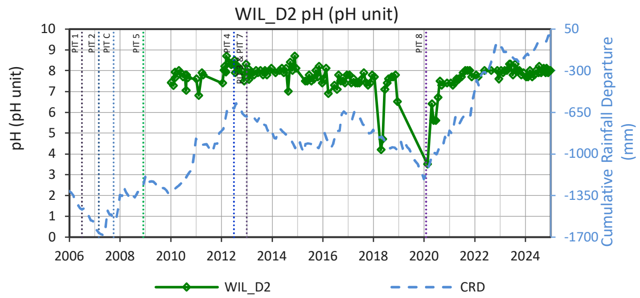



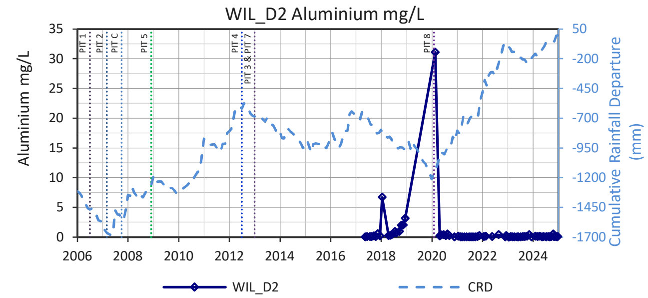



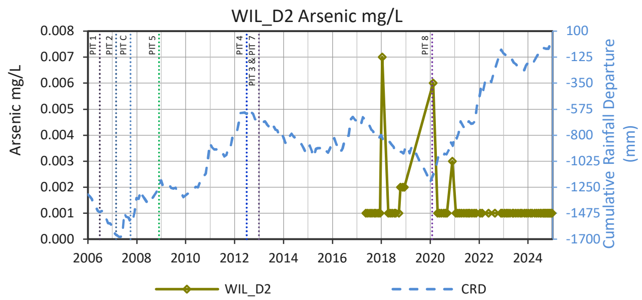



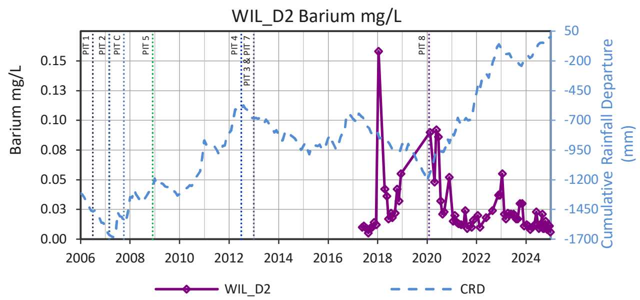
WIL_D2

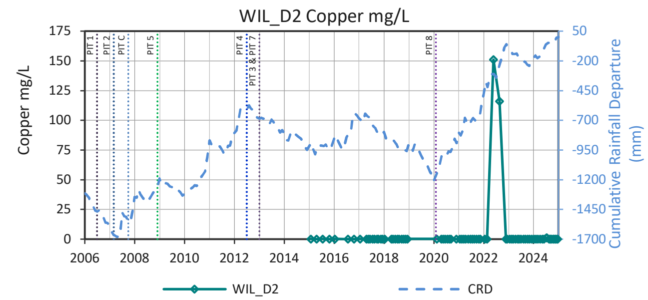
No Data Available for Elevation (mAHD)

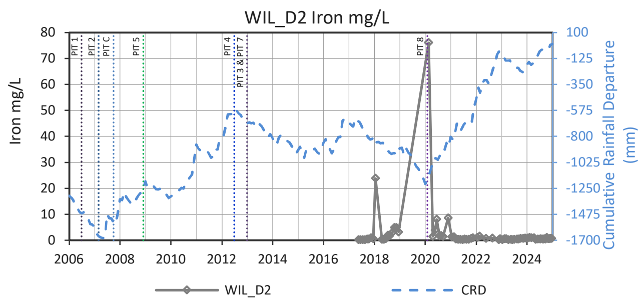


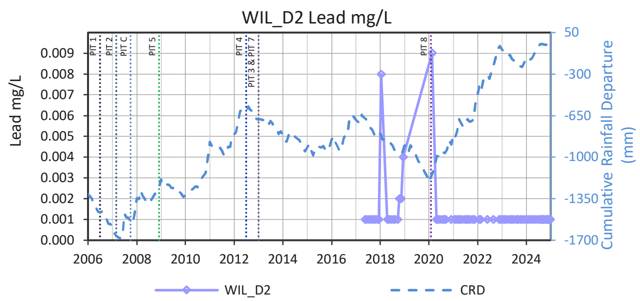



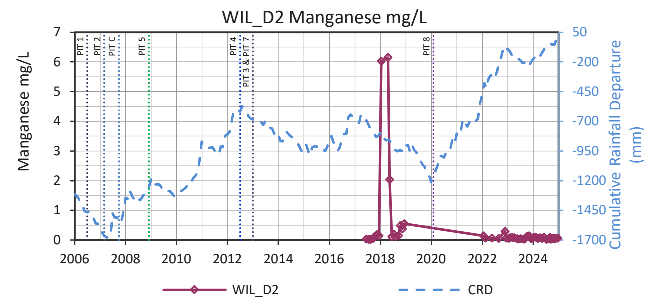



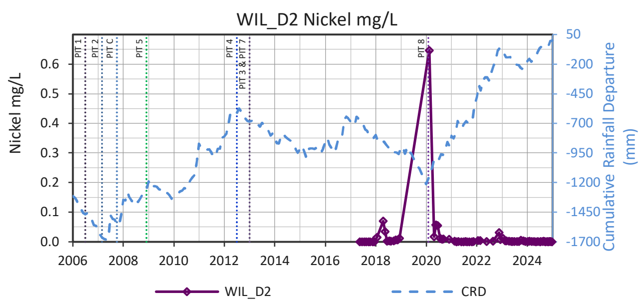



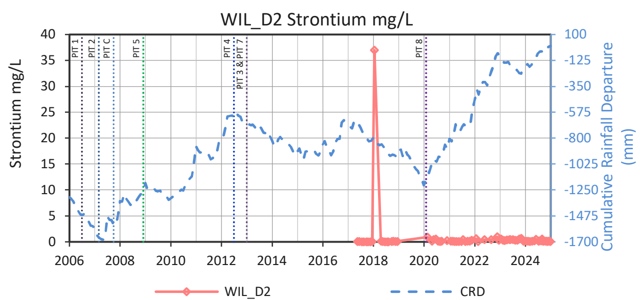



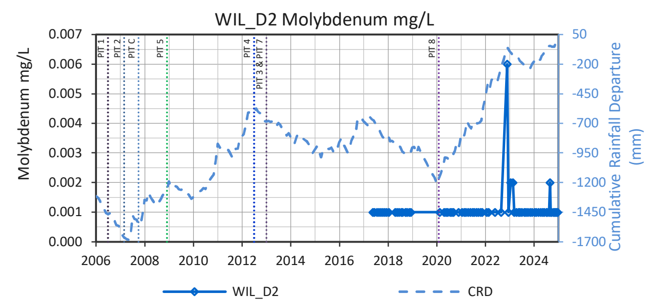



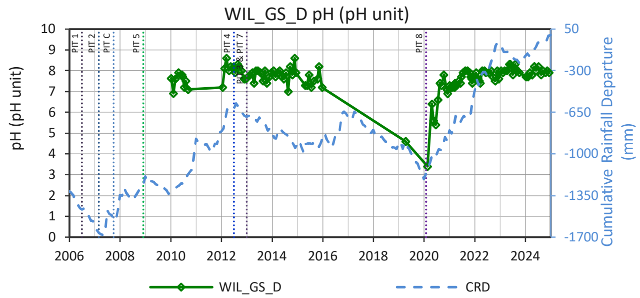



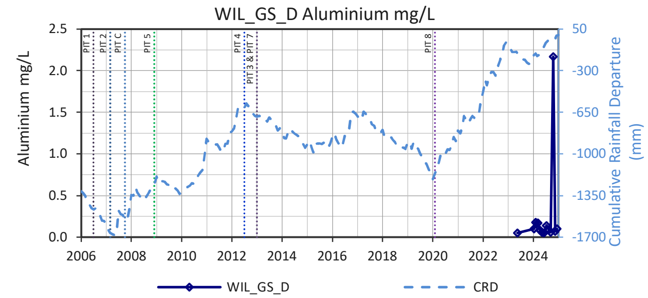



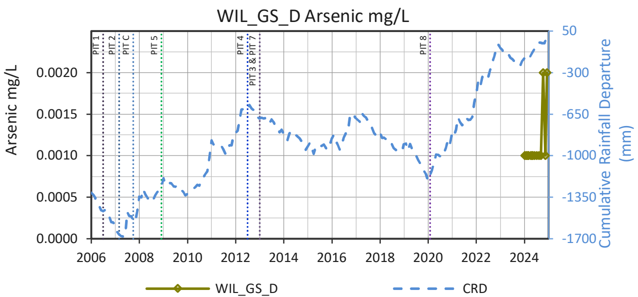



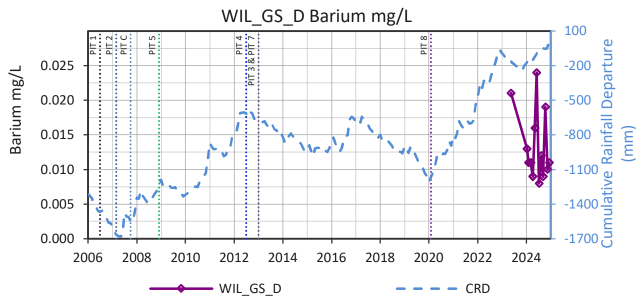
WIL_GS_D

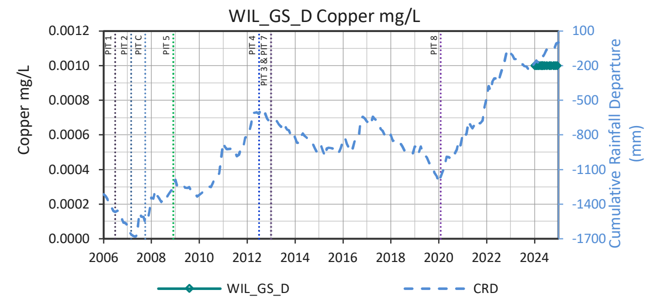
No Data Available for Elevation (mAHD)

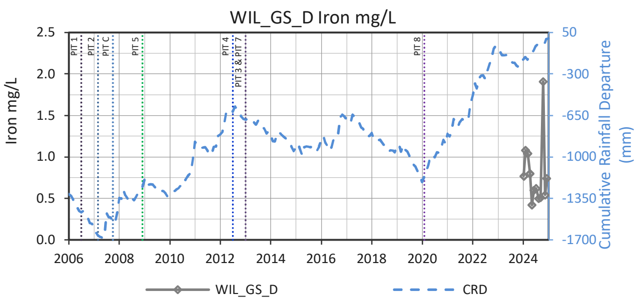


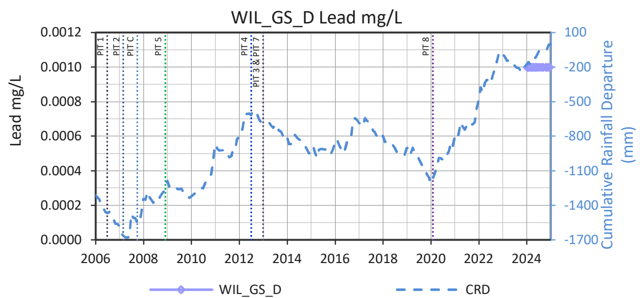



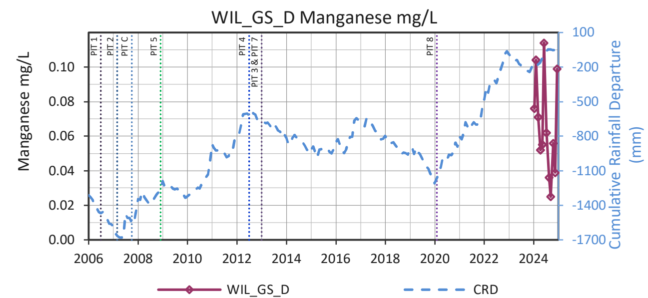



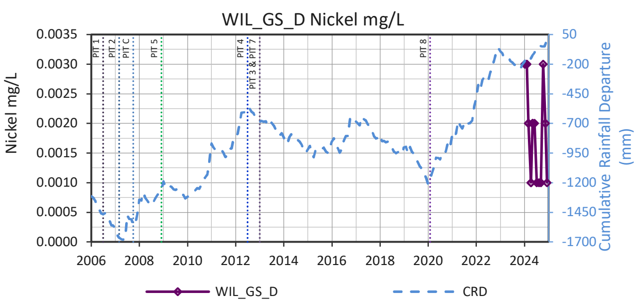



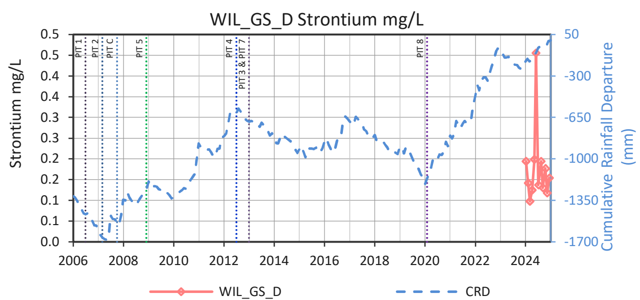



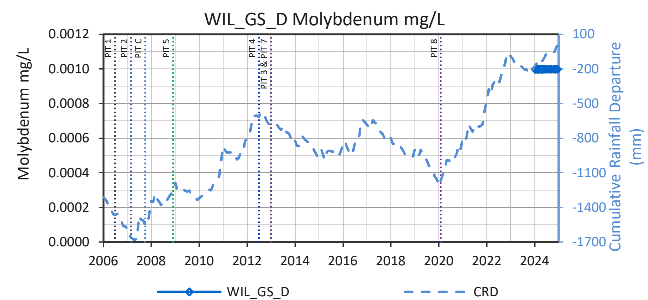



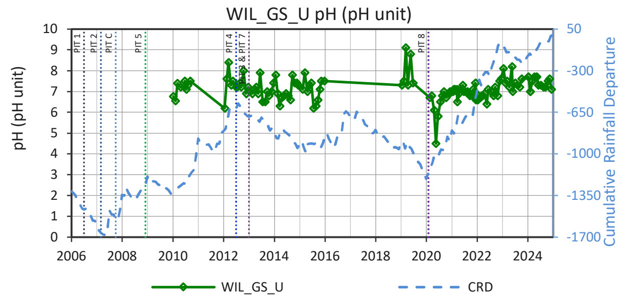



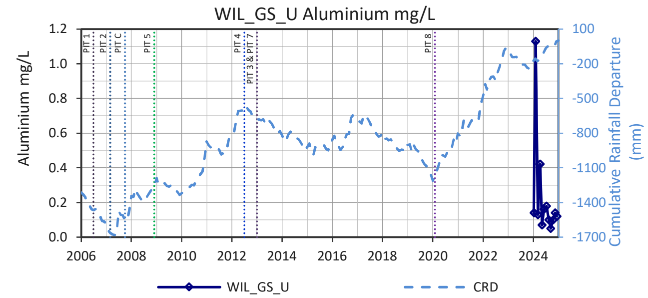



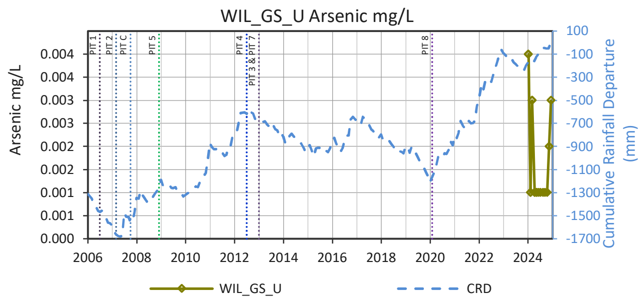



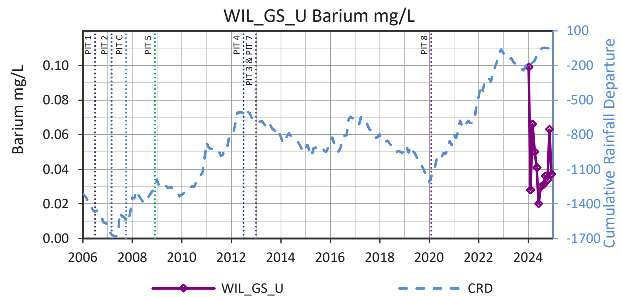
WIL_GS_U

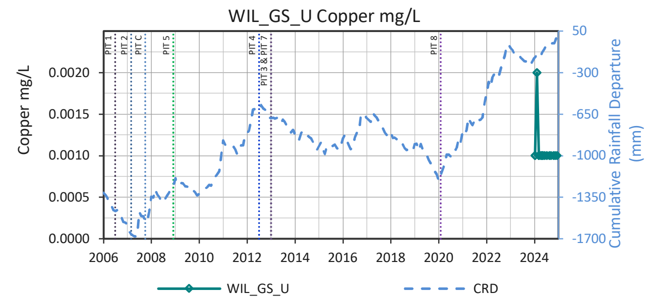
No Data Available for Elevation (mAHD)

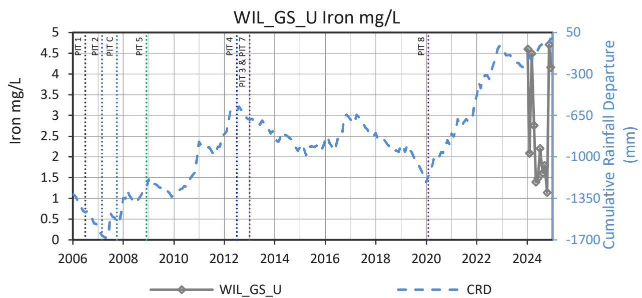


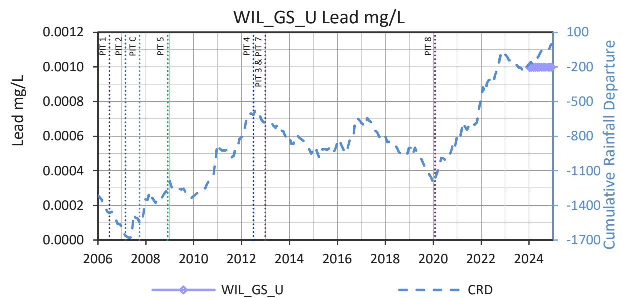



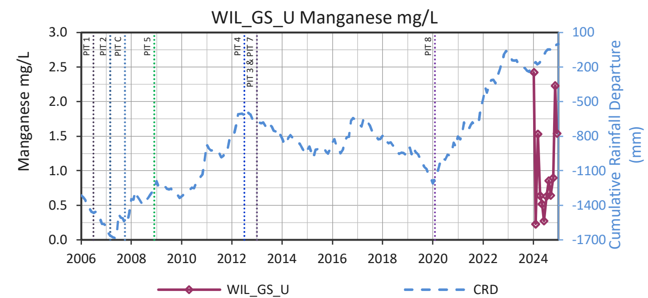



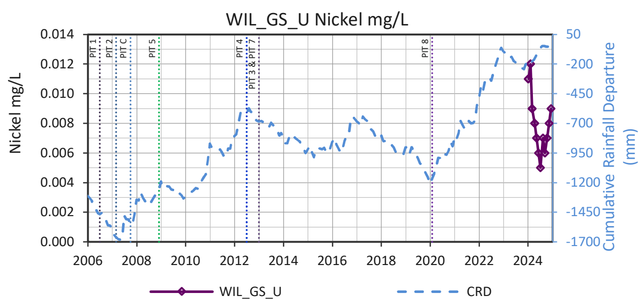



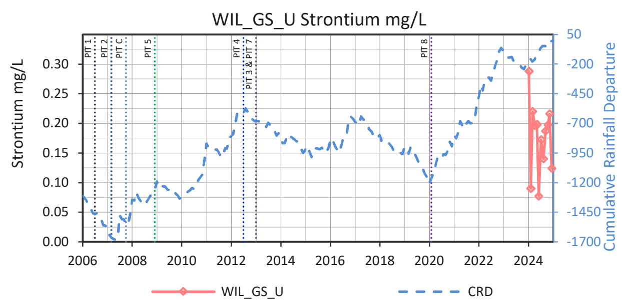



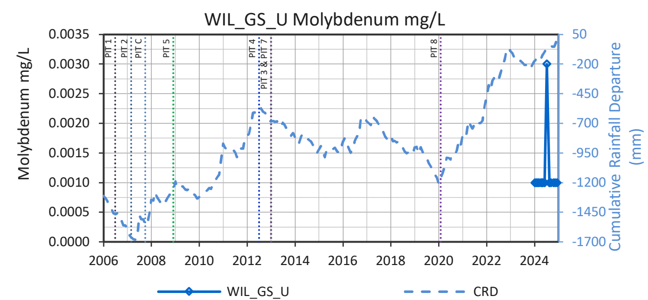



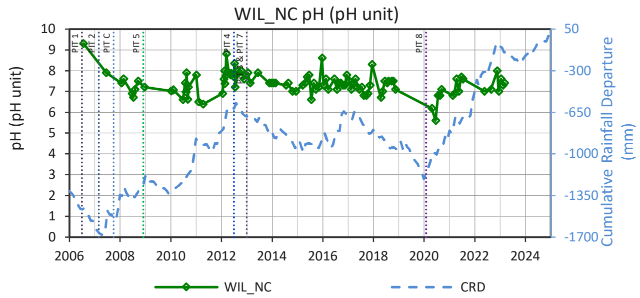



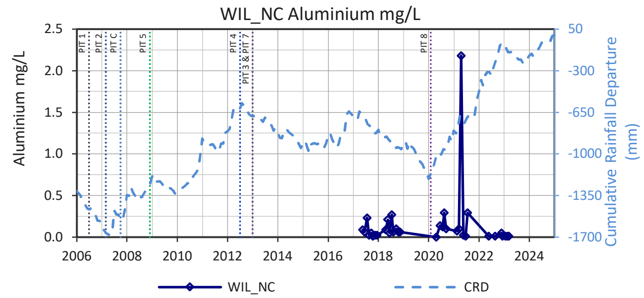



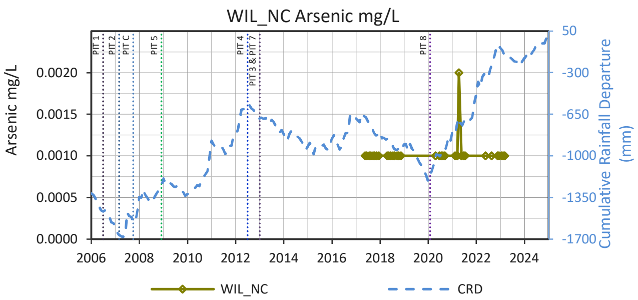



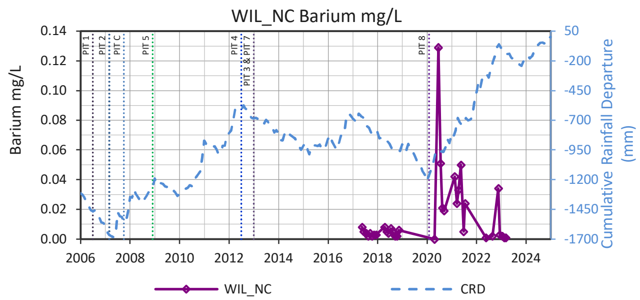
WIL_NC

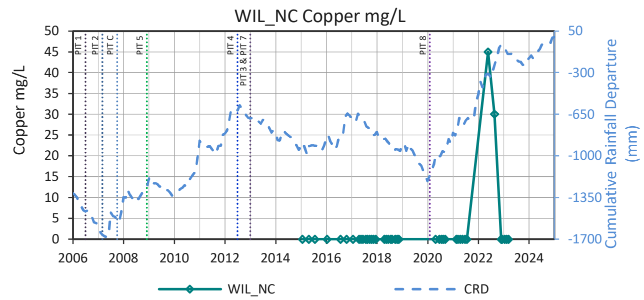
No Data Available for Elevation (mAHD)

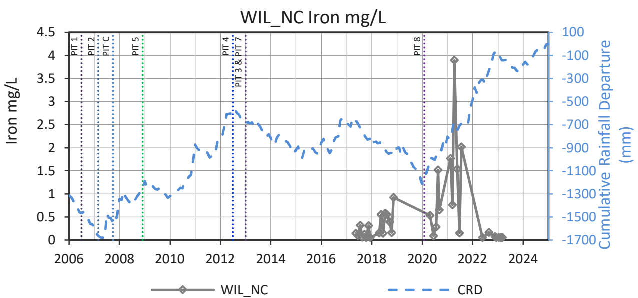


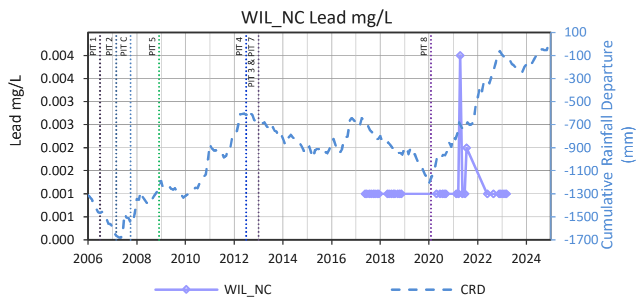



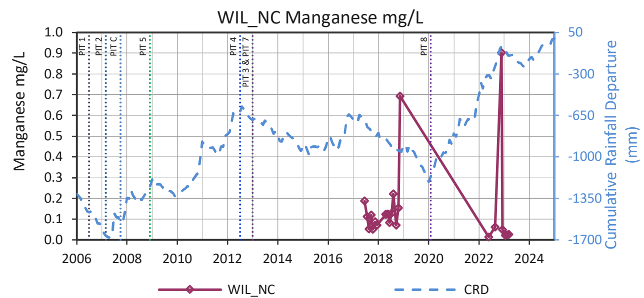



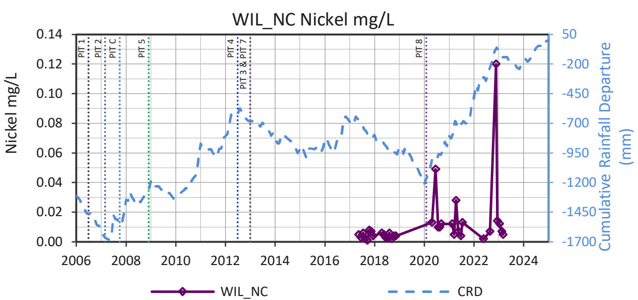



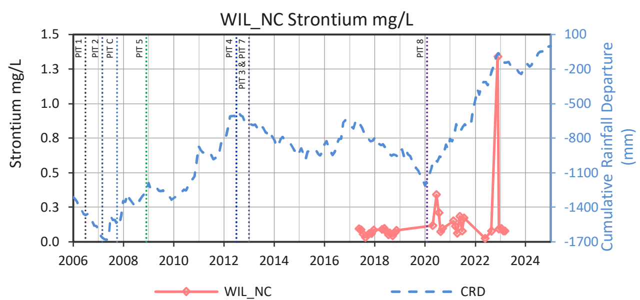



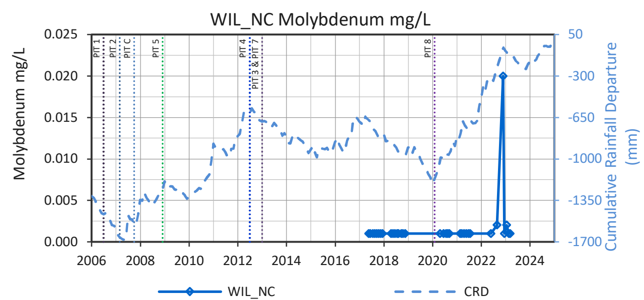



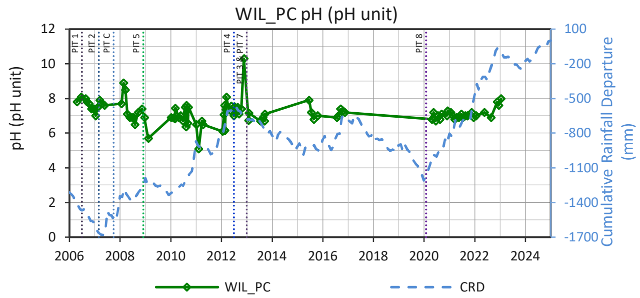



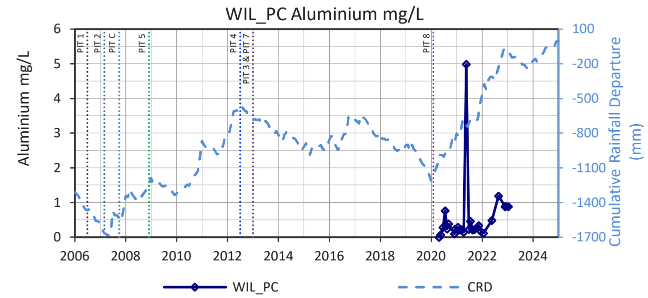



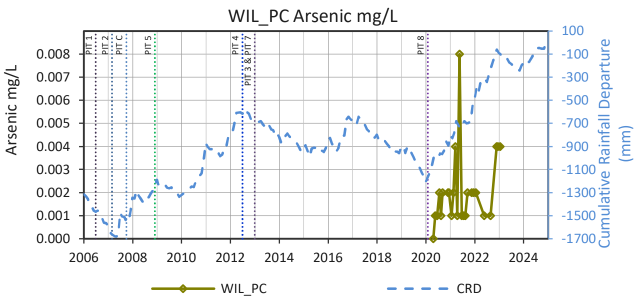



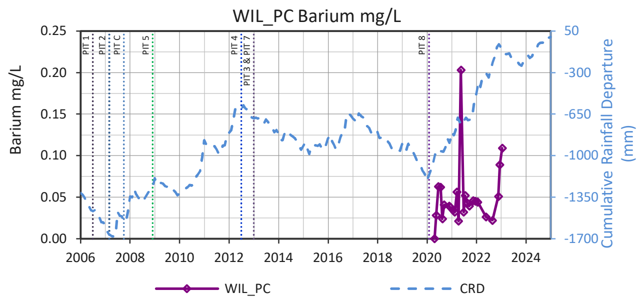
WIL_PC

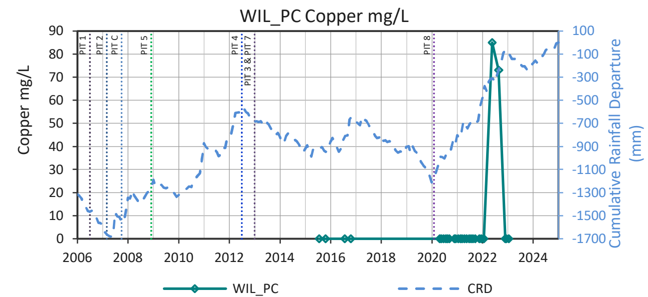
No Data Available for Elevation (mAHD)

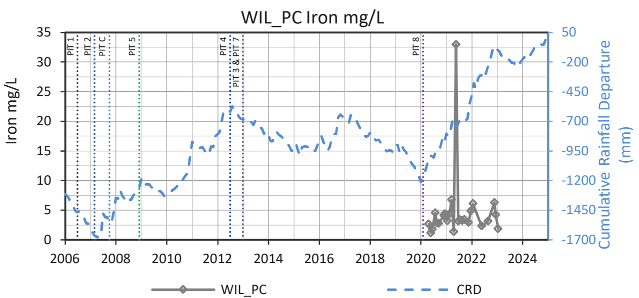


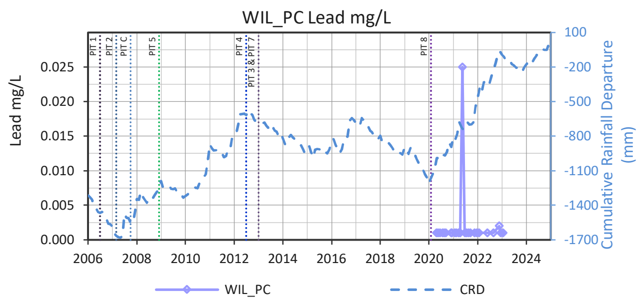



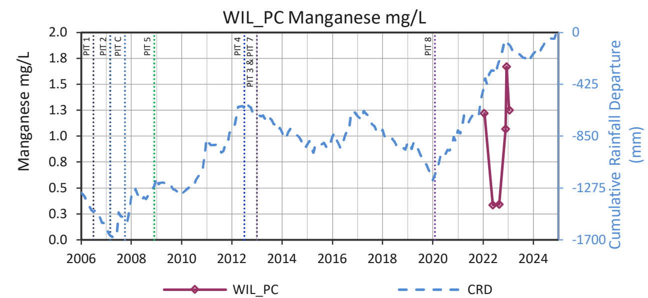



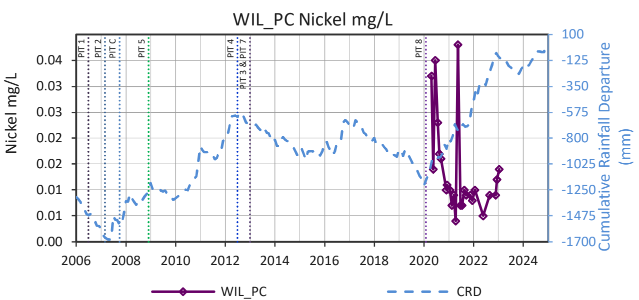



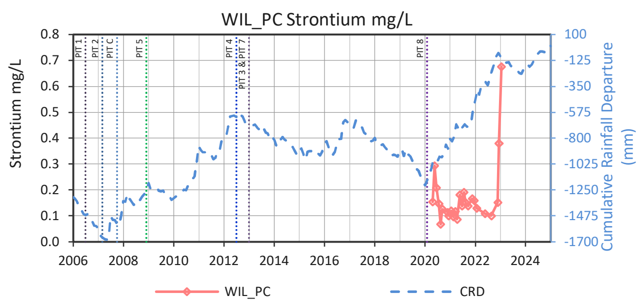



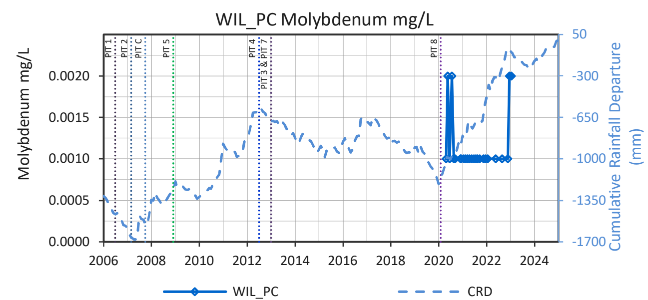



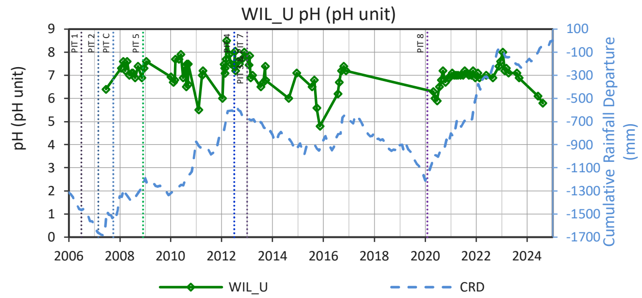



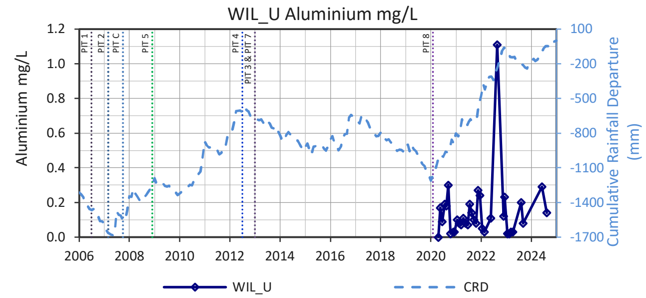



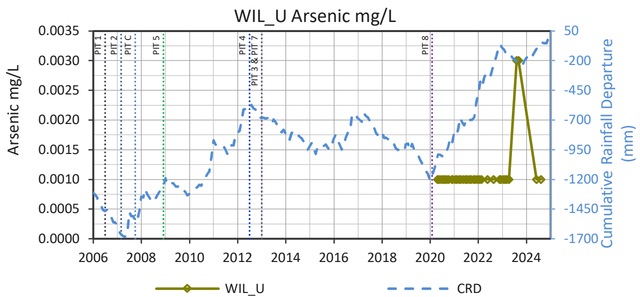



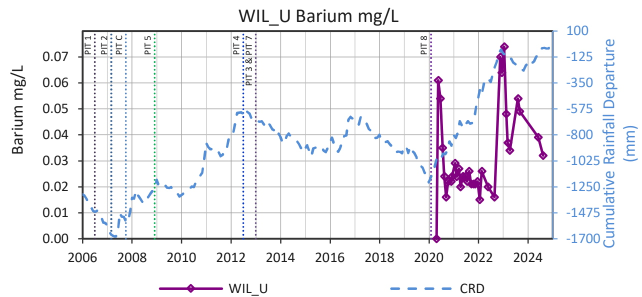
WIL_U

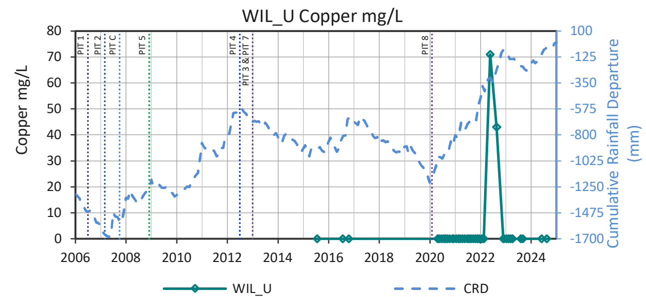
No Data Available for Elevation (mAHD)

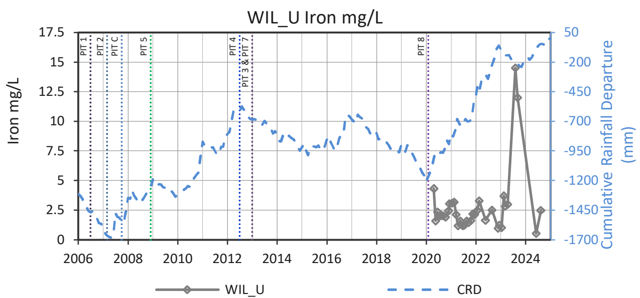


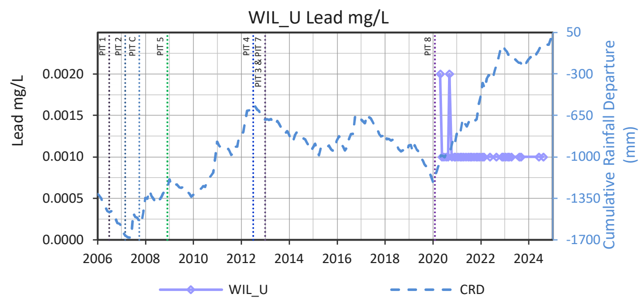



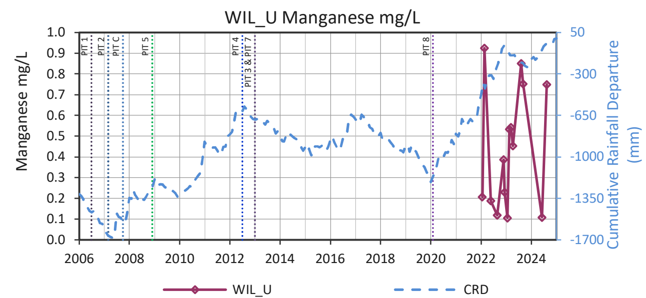



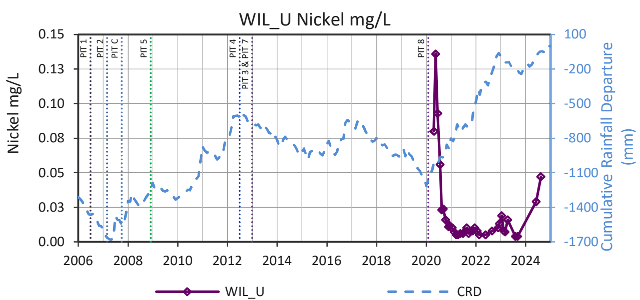



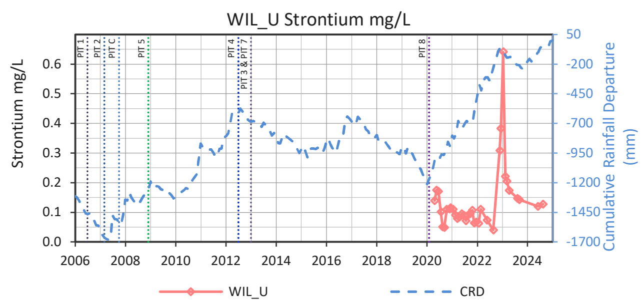



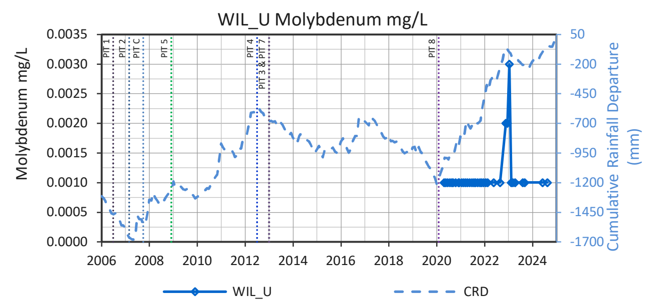



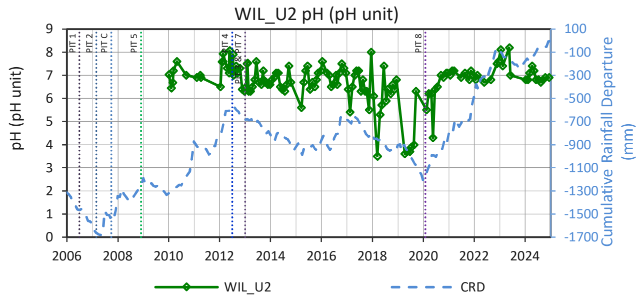



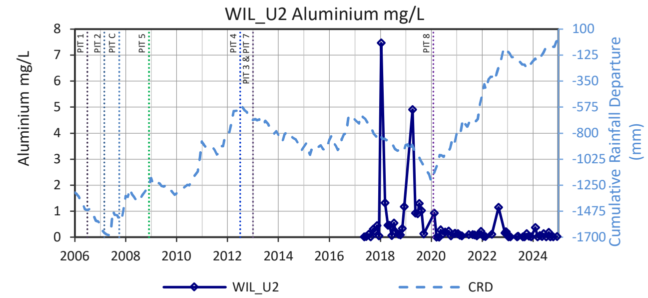



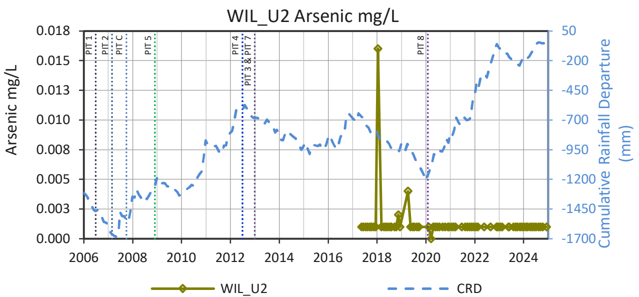



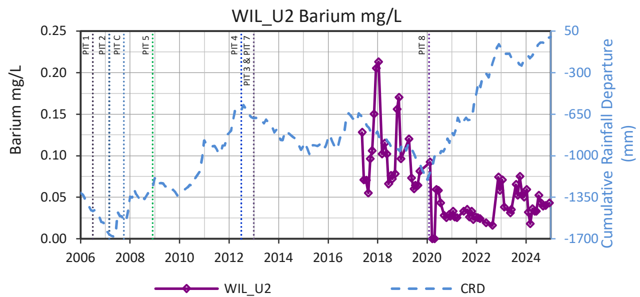
WIL_U2

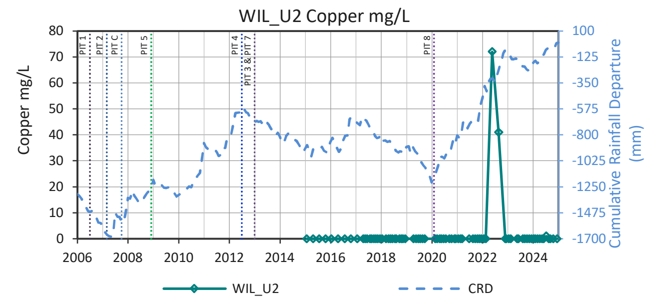
No Data Available for Elevation (mAHD)

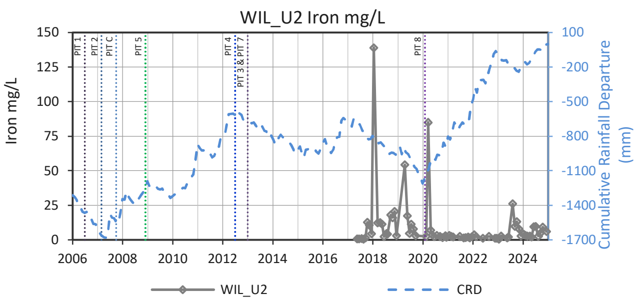


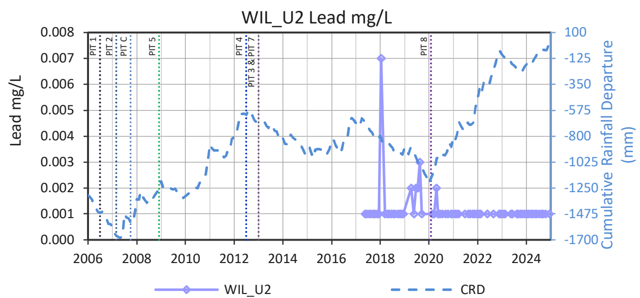



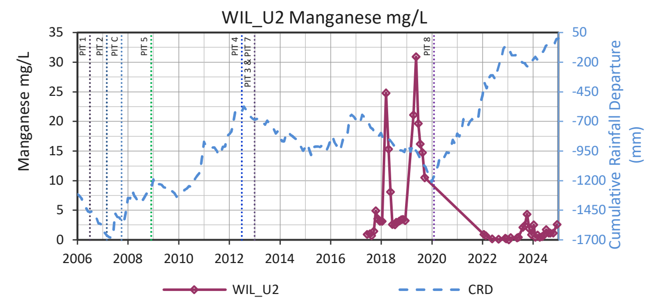



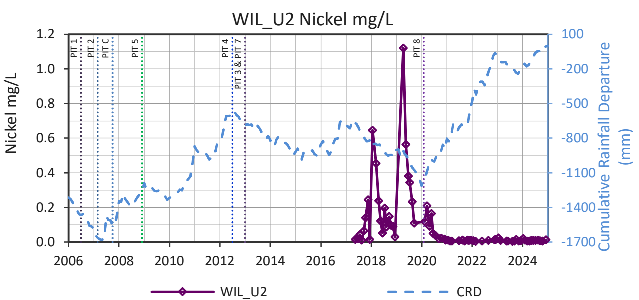



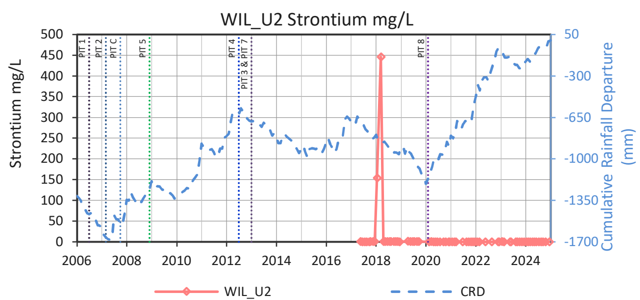



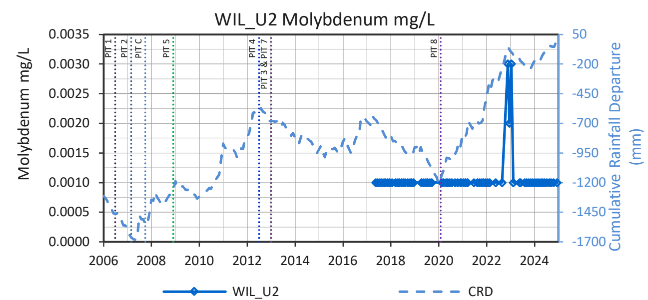



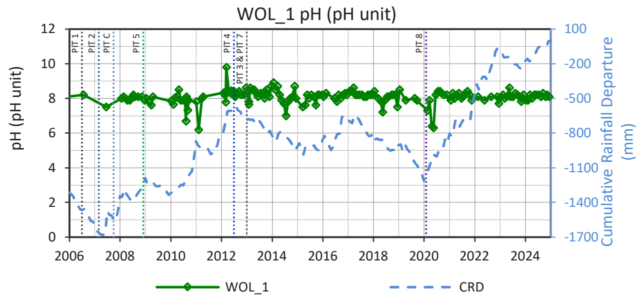



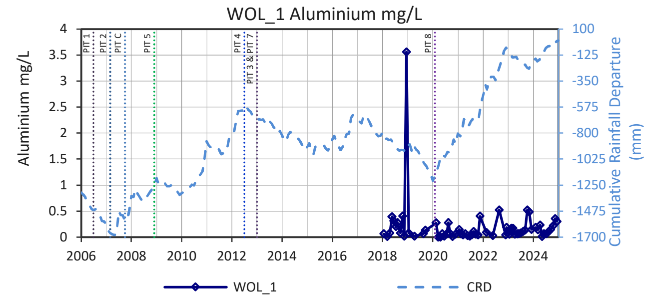



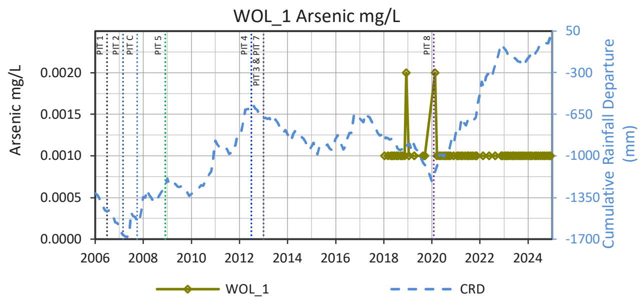



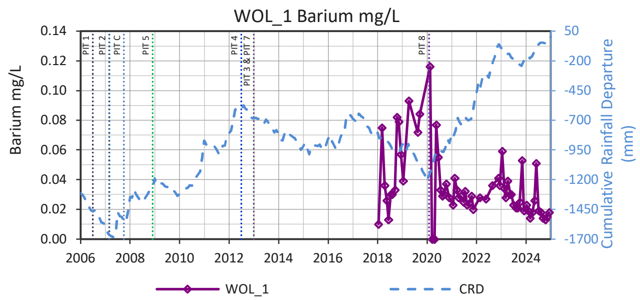
WOL_1

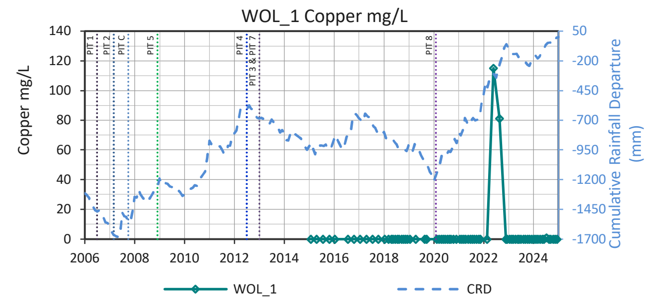
No Data Available for Elevation (mAHD)

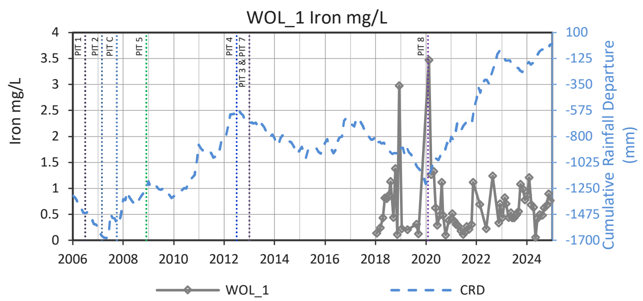


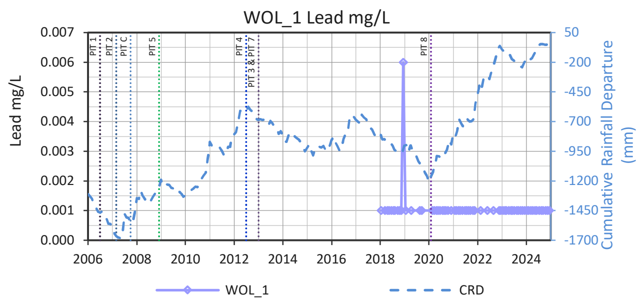



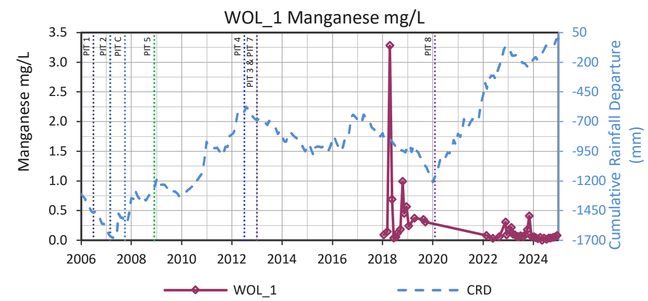



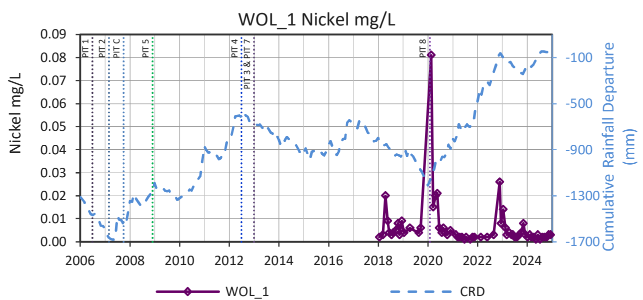



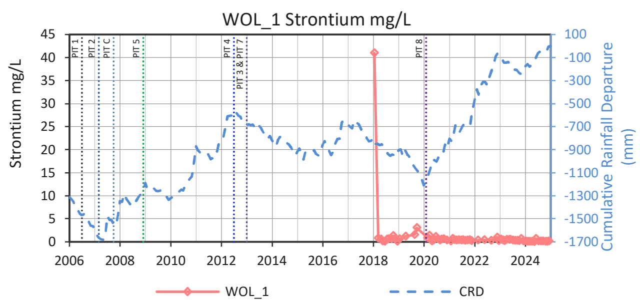



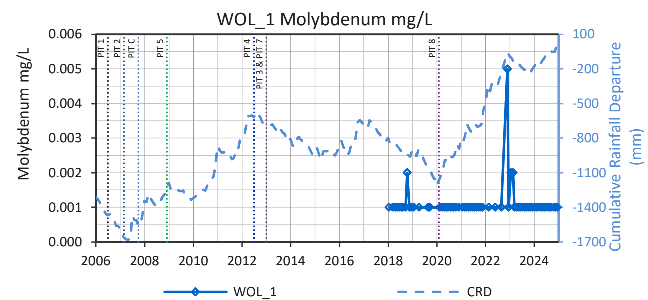



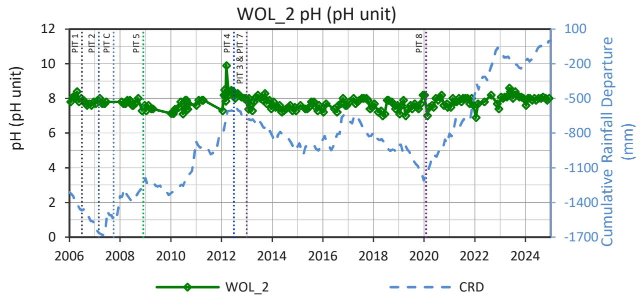



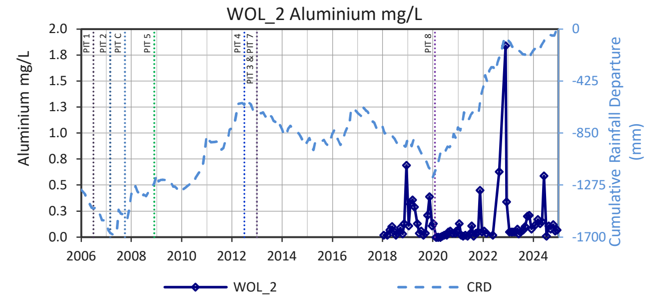



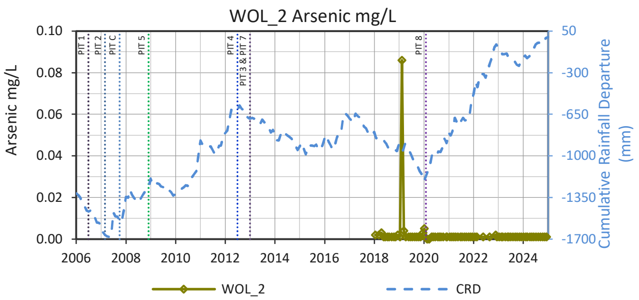



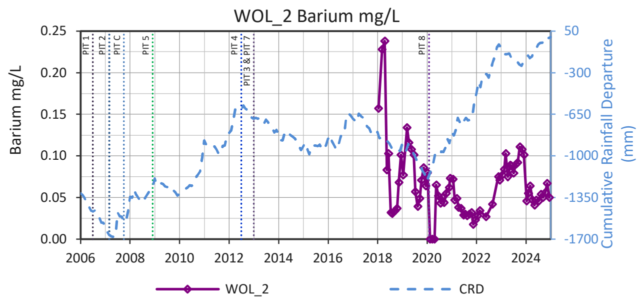
WOL_2

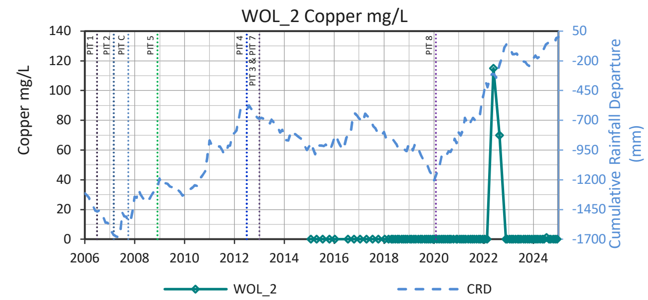
No Data Available for Elevation (mAHD)

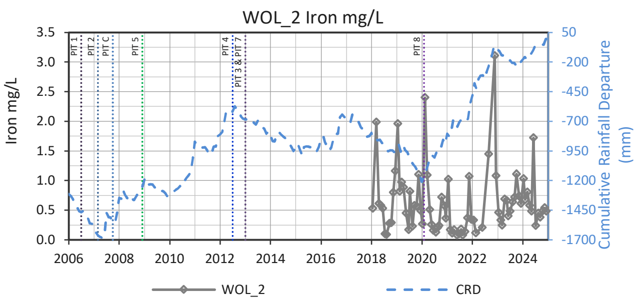


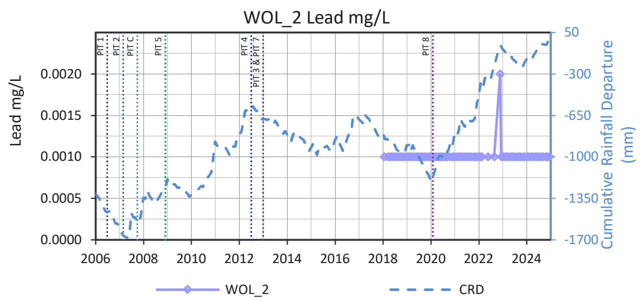



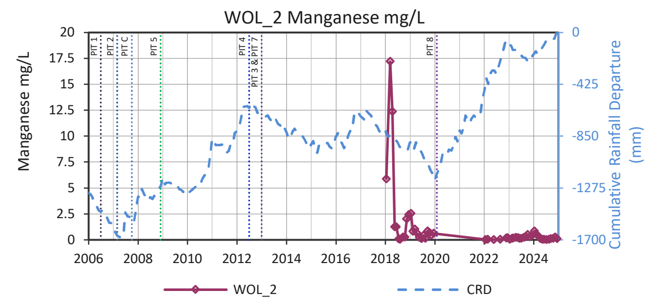



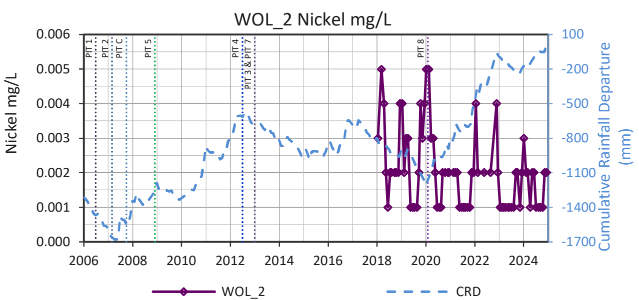



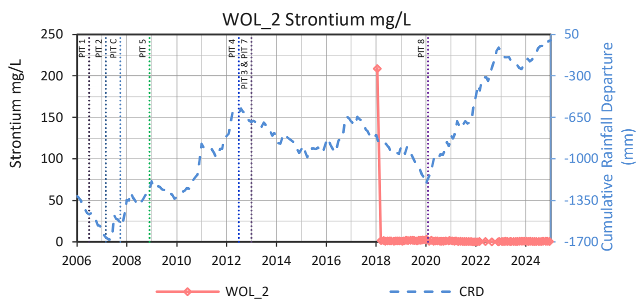



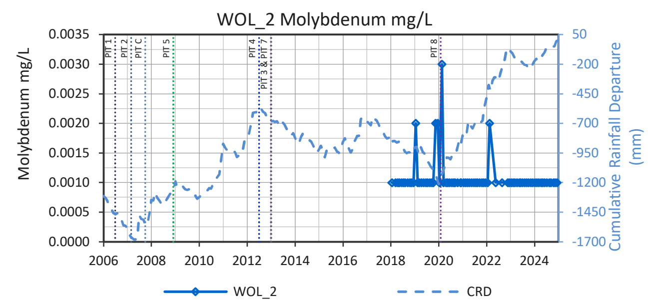



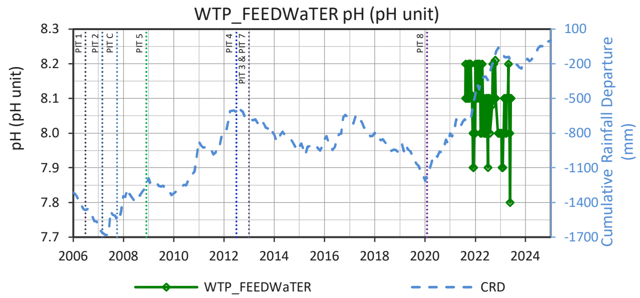



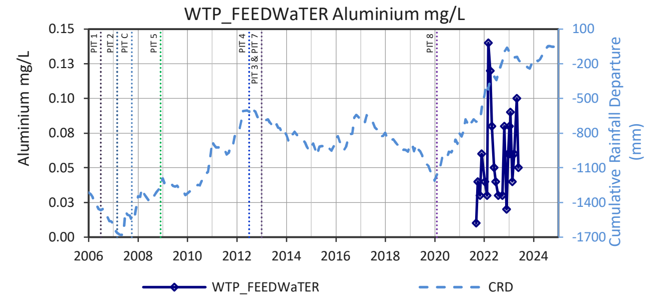



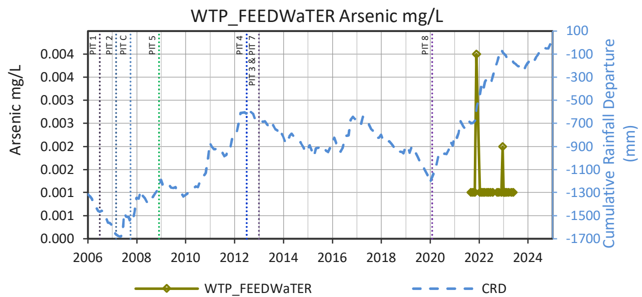



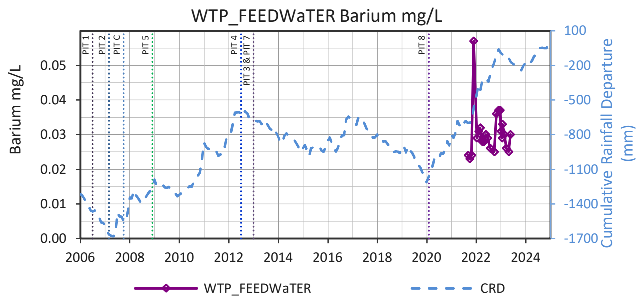
WTP_FEEDWaTER

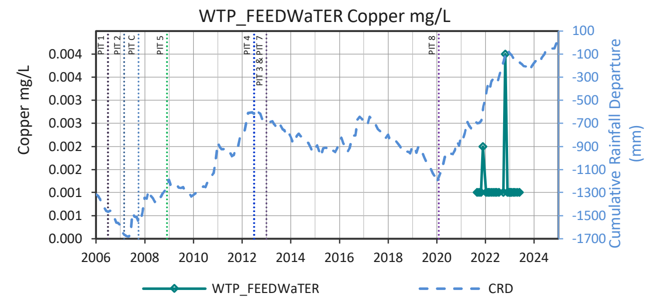
No Data Available for Elevation (mAHD)

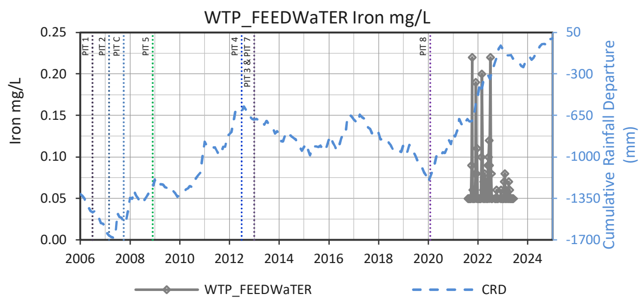


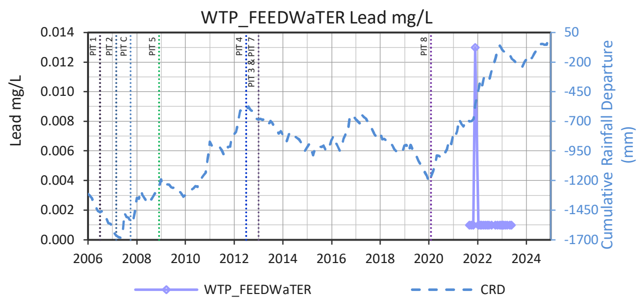



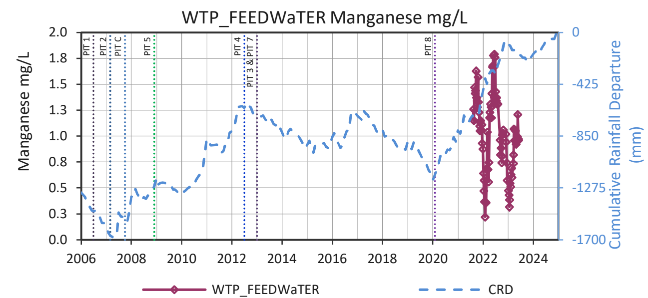



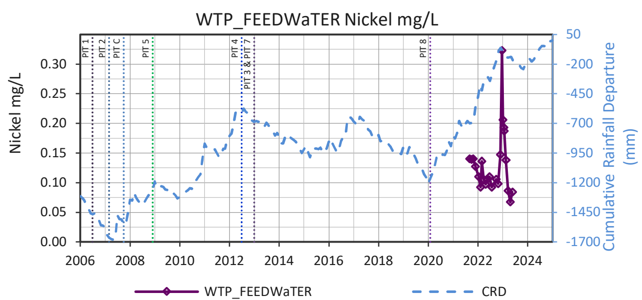



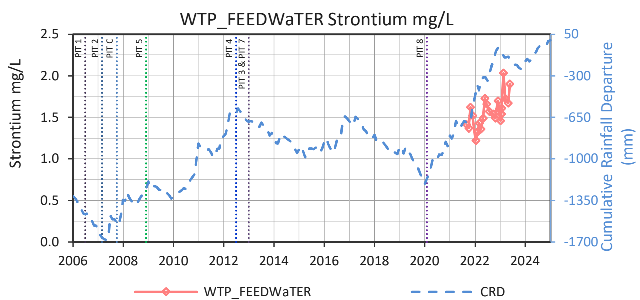



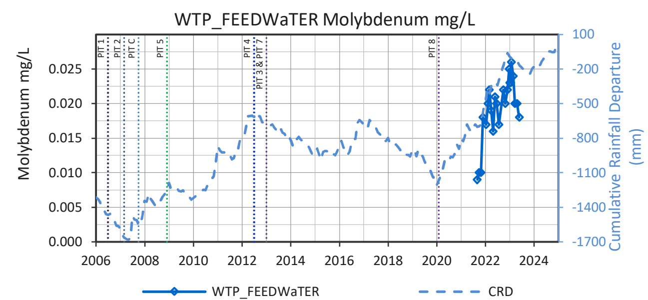



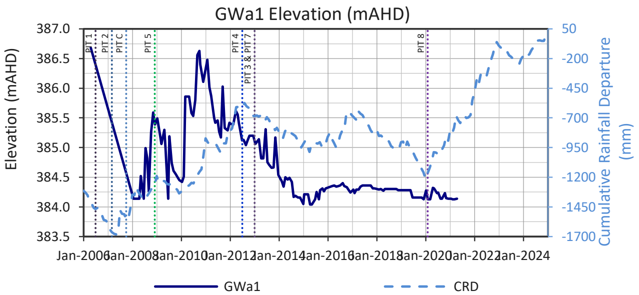



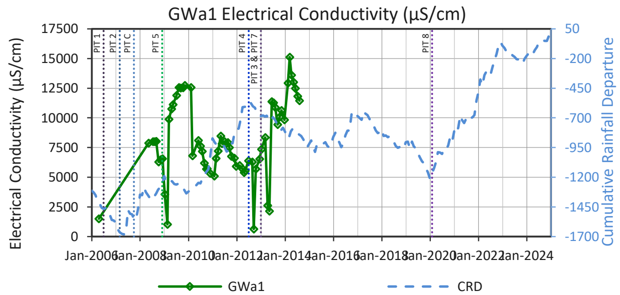



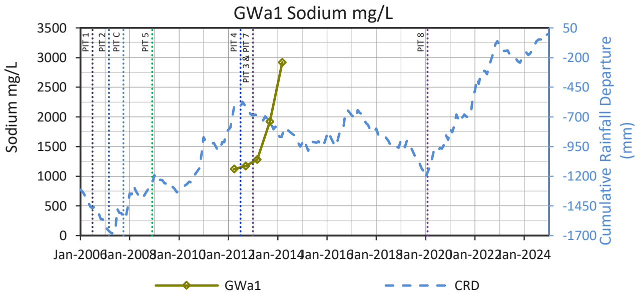



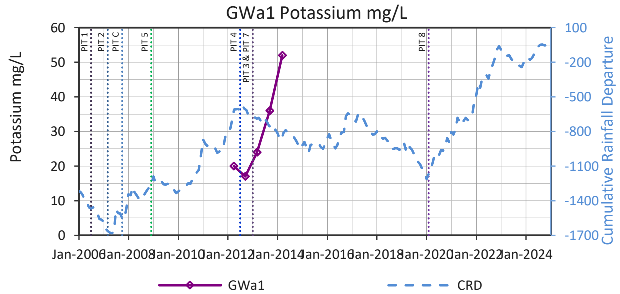


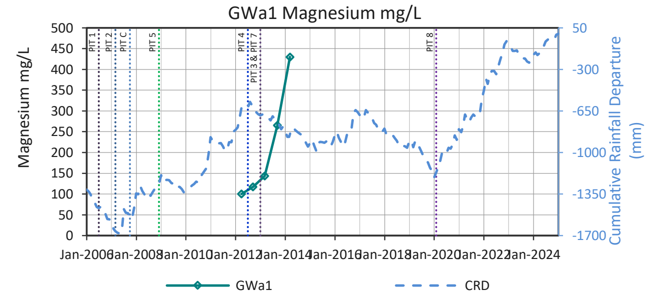



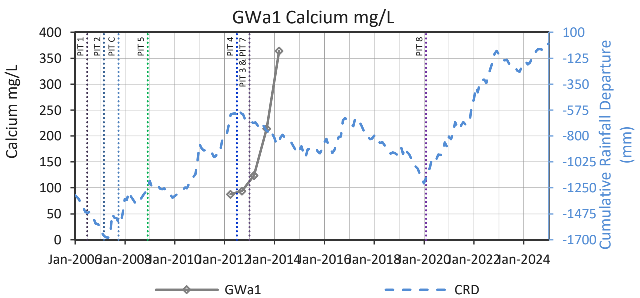

GWa1

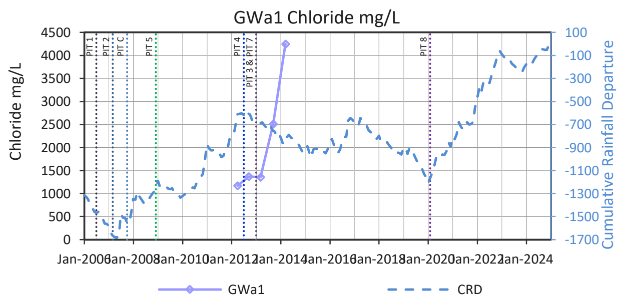
No Data Available for Total Dissolved Solids mg/L




GWa1

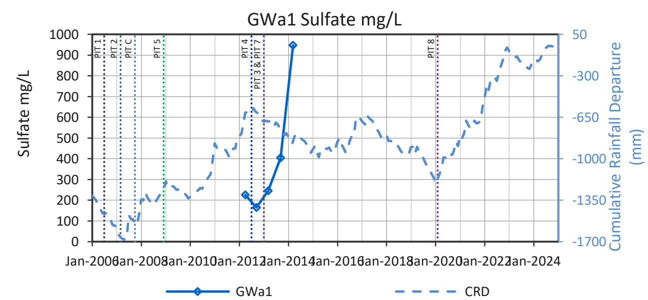
No Data Available for Bicarbonate Alkalinity as CaCO3 mg/L

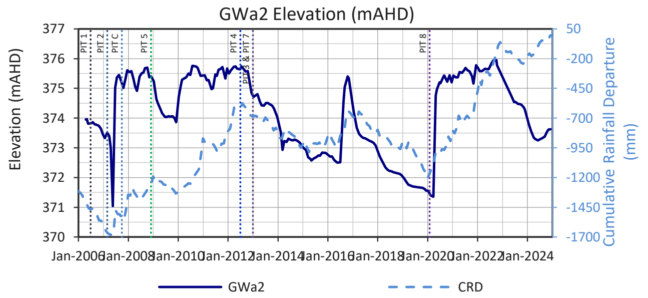
GWa1

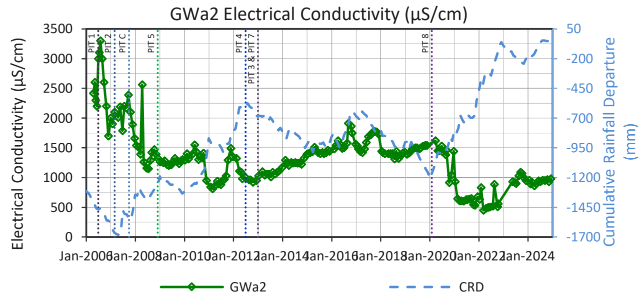
No Data Available for Carbonate Alkalinity as CaCO3 mg/L

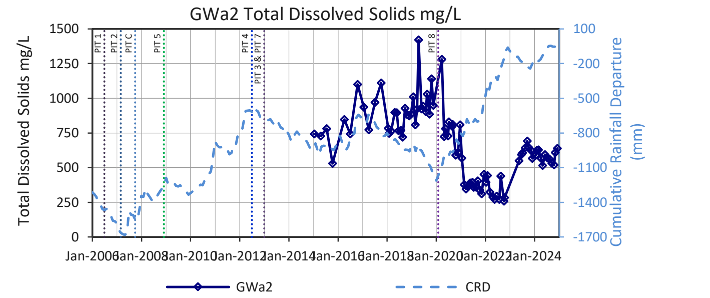
GWa1

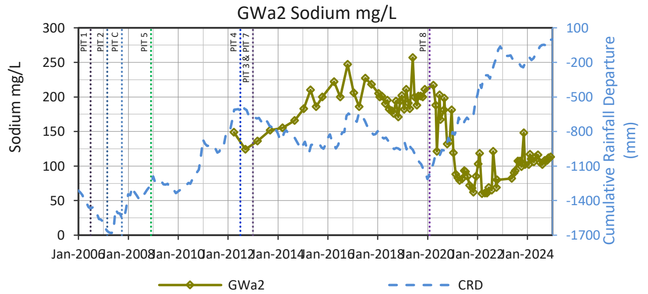
No Data Available for Hydroxide Alkalinity as CaCO3 mg/L

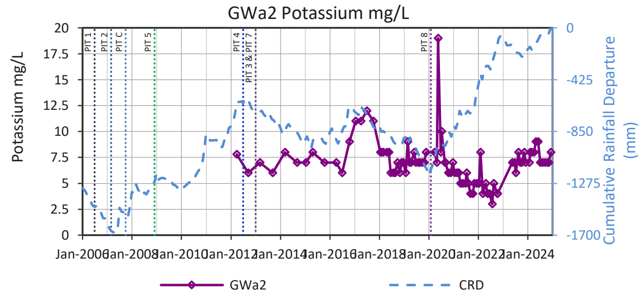


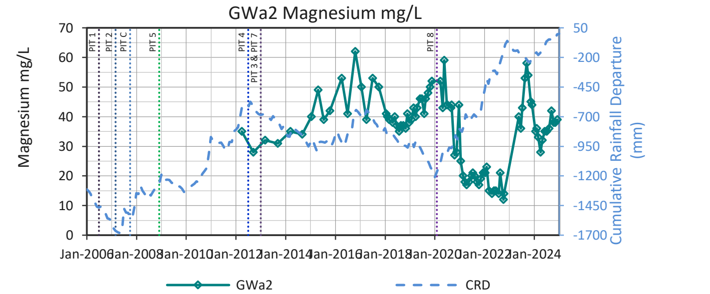

GWa2 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa2
CRD

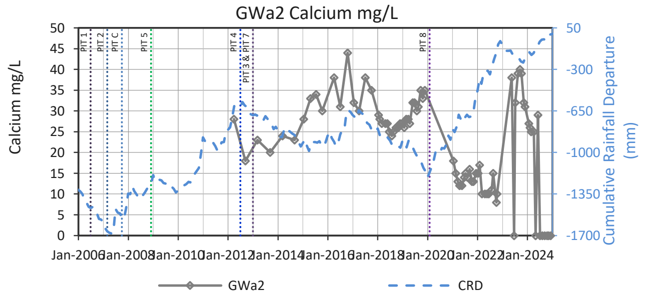

GWa2 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa2
CRD

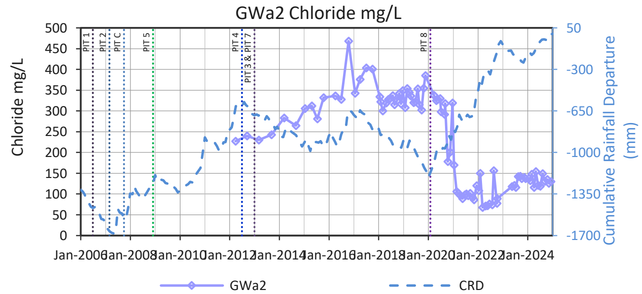

GWa2 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

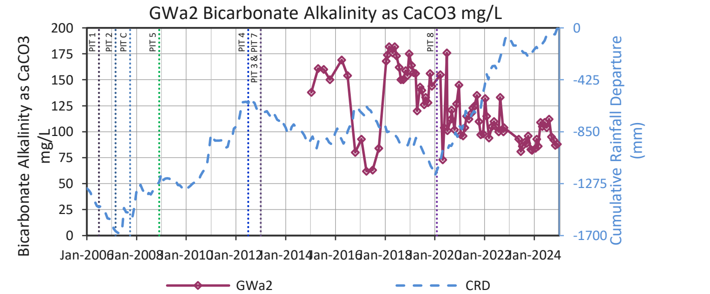

GWa2 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

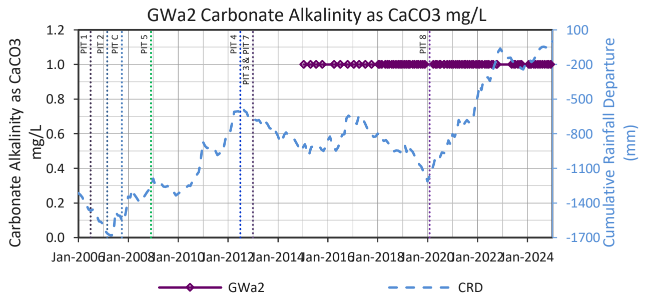

GWa2 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

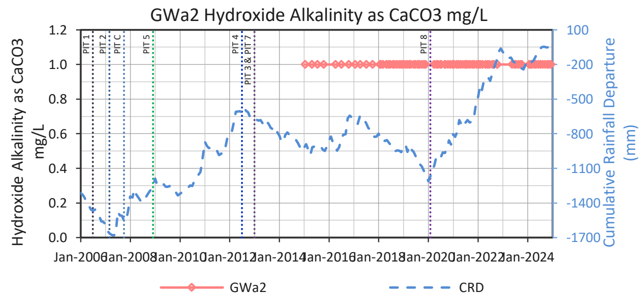

GWa2 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

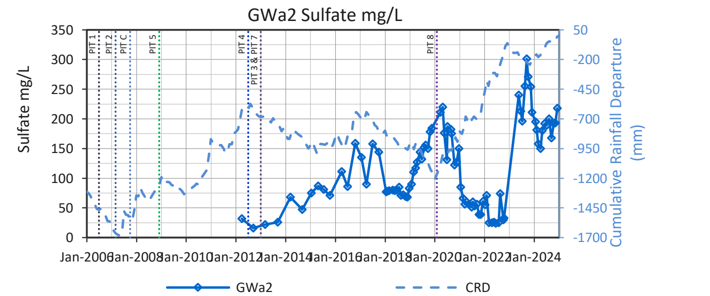

GWa2 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

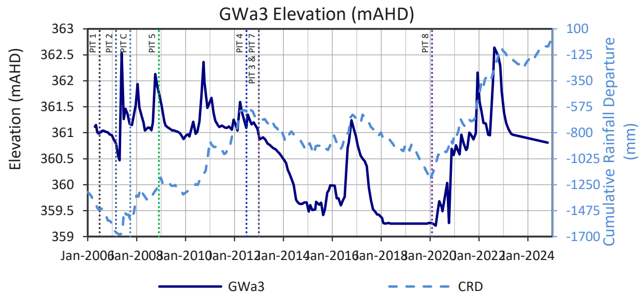

GWa2 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

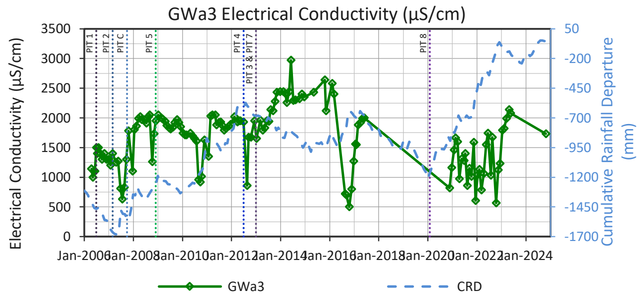

GWa2 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

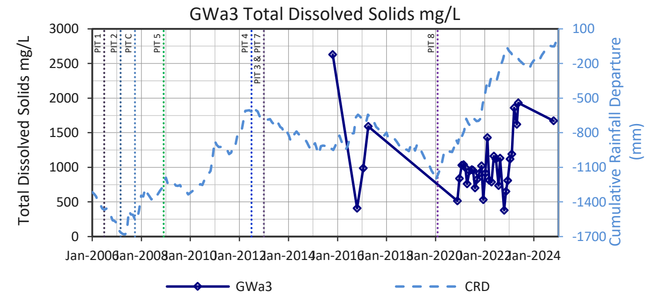

GWa2 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

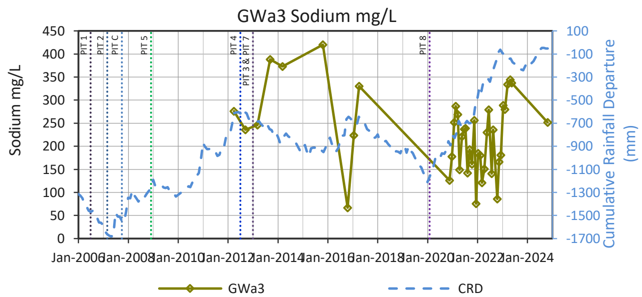

GWa2 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

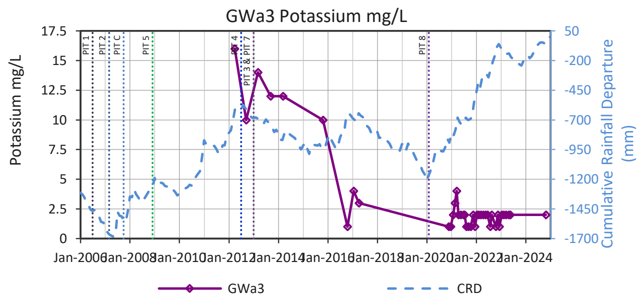

GWa2 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa2
CRD

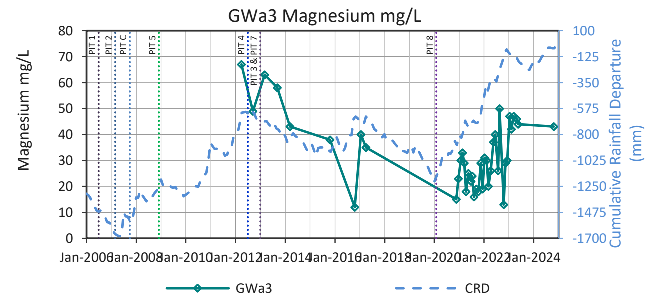

GWa3 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa3
CRD

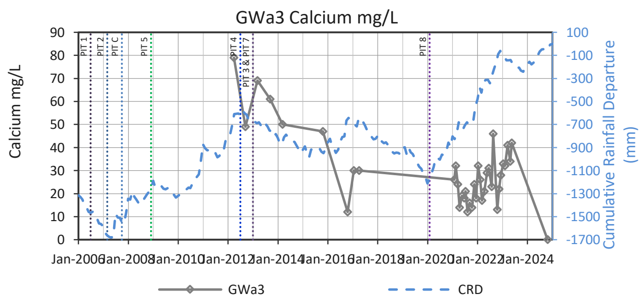

GWa3 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa3
CRD

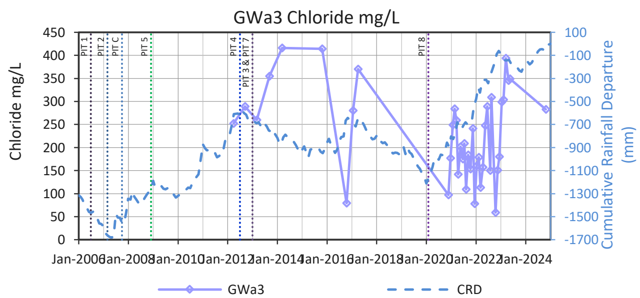

GWa3 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

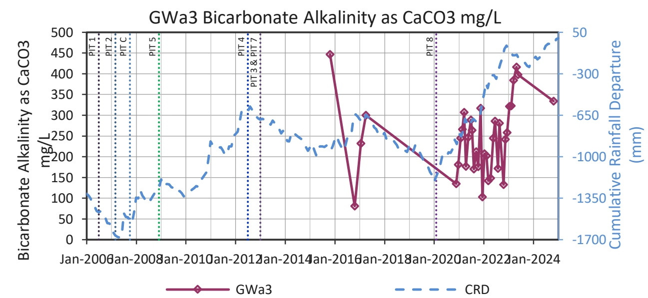

GWa3 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

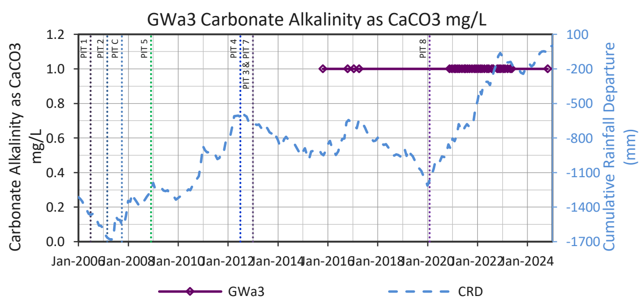

GWa3 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

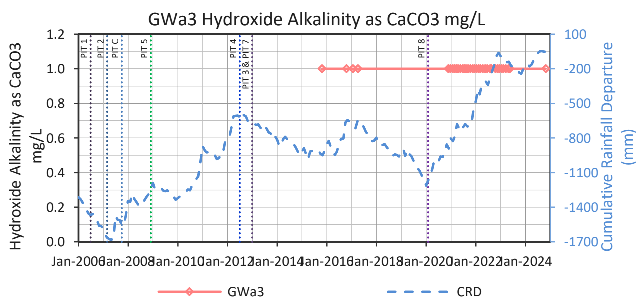

GWa3 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

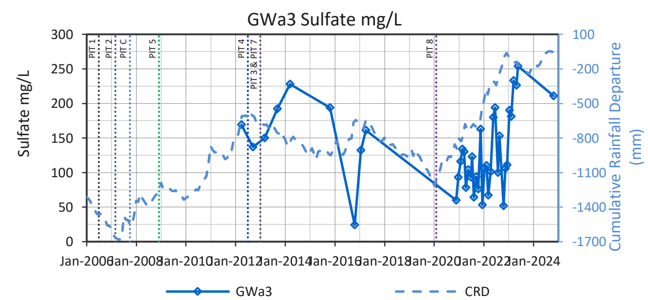

GWa3 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

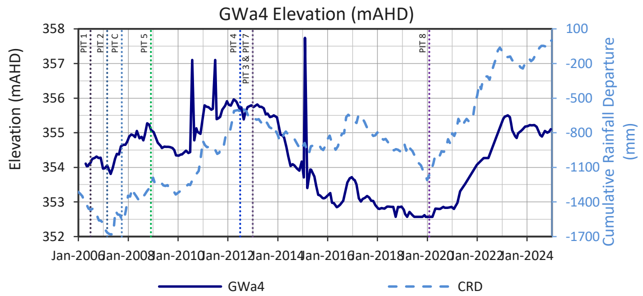

GWa3 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

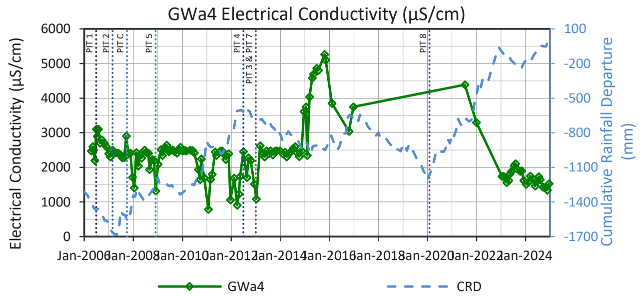

GWa3 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

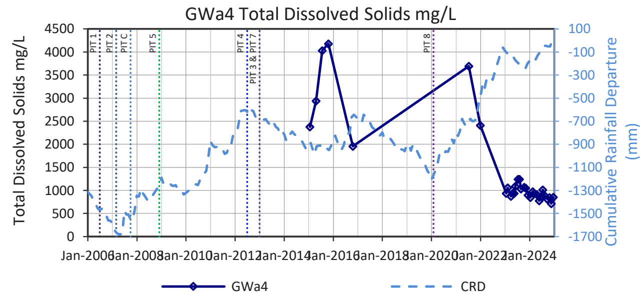

GWa3 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

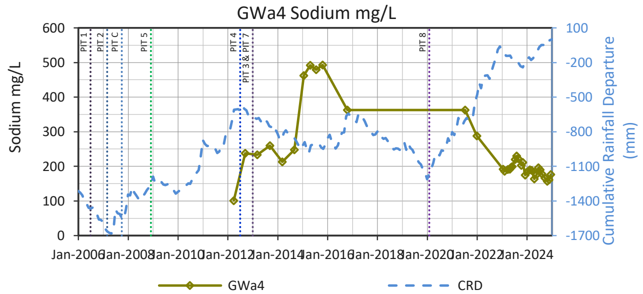

GWa3 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

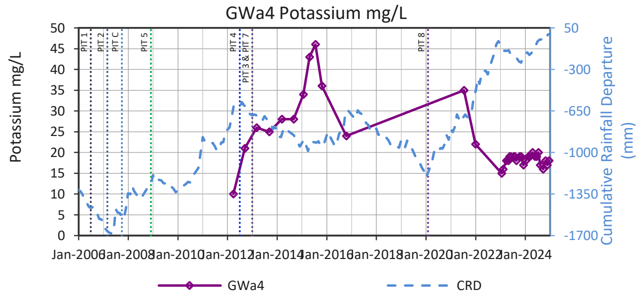

GWa3 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa3
CRD

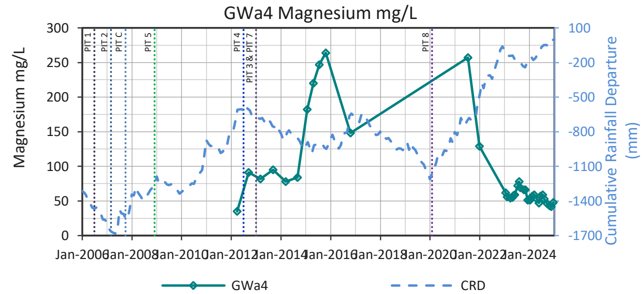

GWa4 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa4
CRD

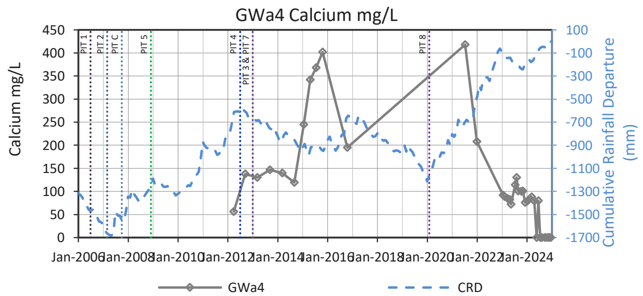

GWa4 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa4
CRD

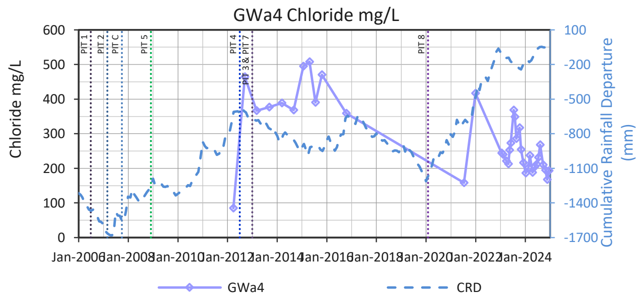

GWa4 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa4
CRD

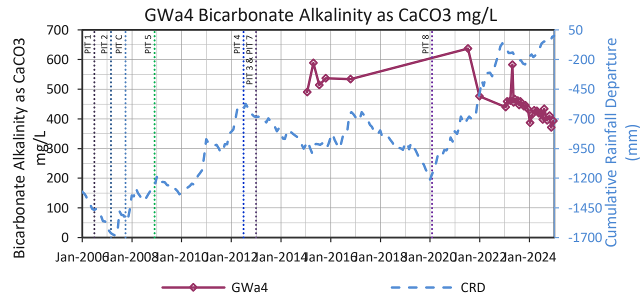

GWa4 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa4
CRD

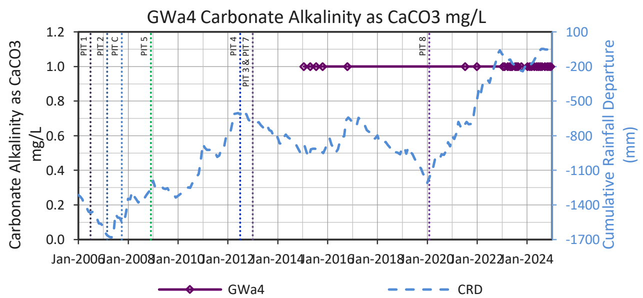

GWa4 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa4
CRD

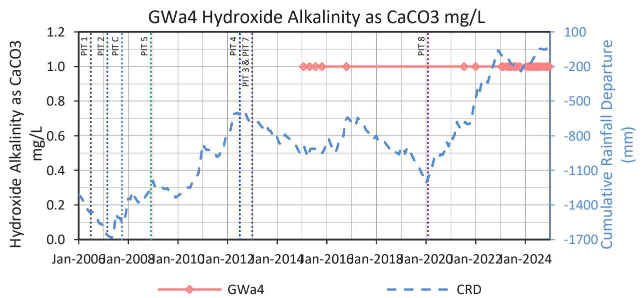

GWa4 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa4
CRD

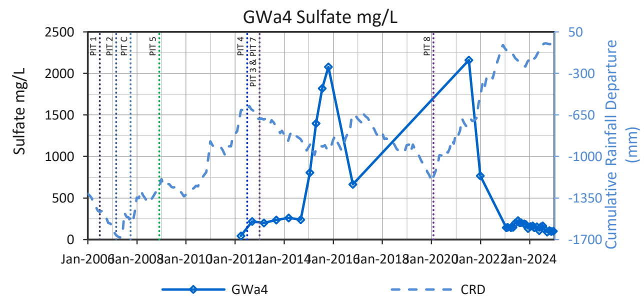

GWa4 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa4
CRD

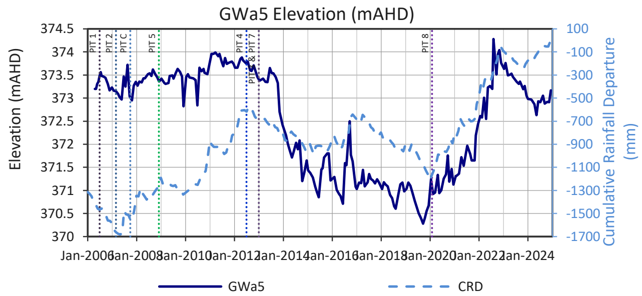

GWa4 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa4
CRD

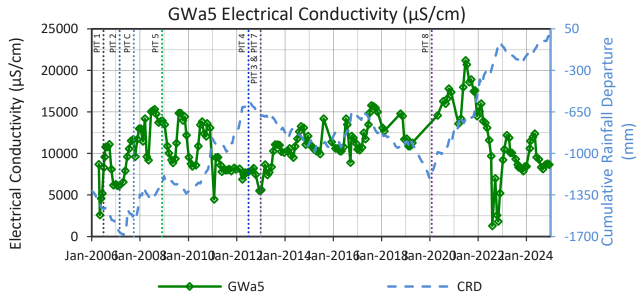

GWa4 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa4
CRD

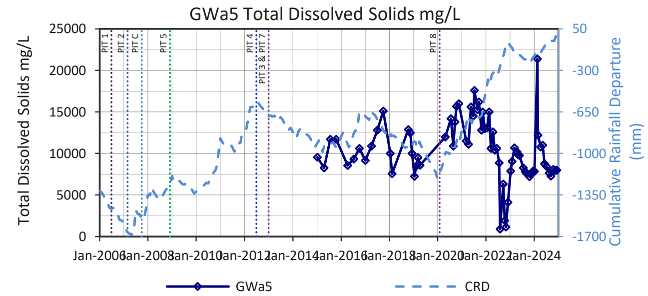

GWa4 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa4
CRD

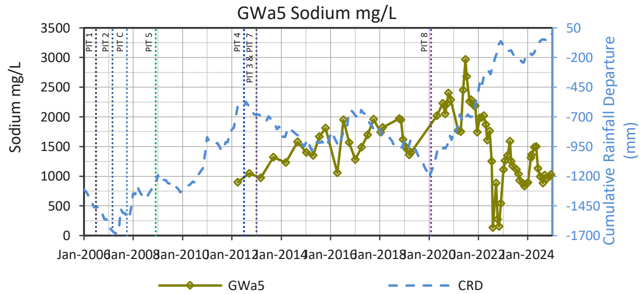

GWa4 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa4
CRD

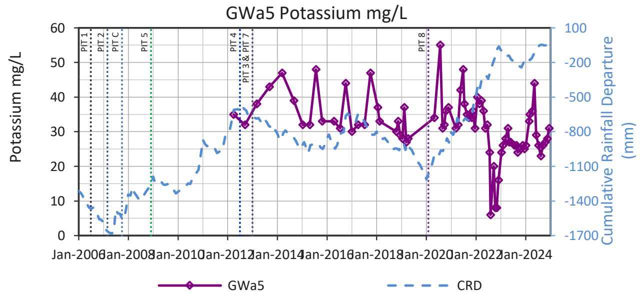

GWa4 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa4
CRD

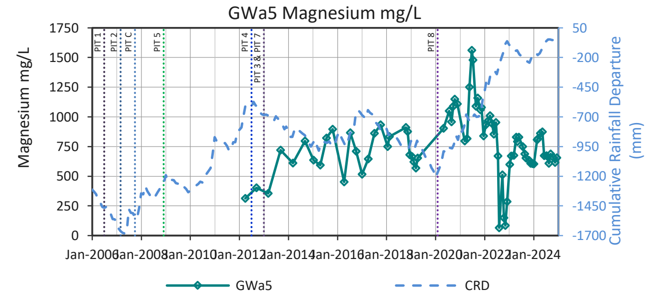

GWa5 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa5
CRD

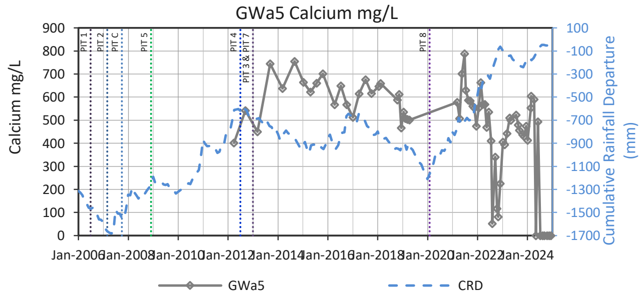

GWa5 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa5
CRD

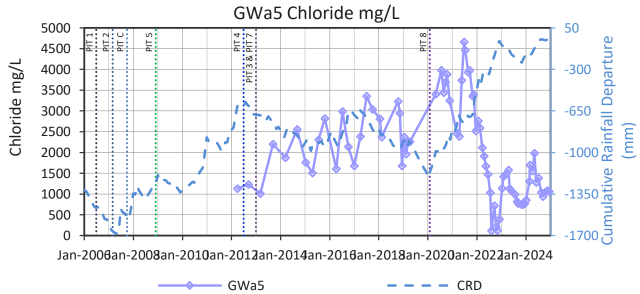

GWa5 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

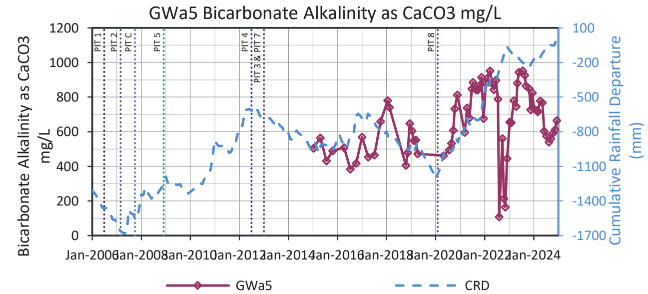

GWa5 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

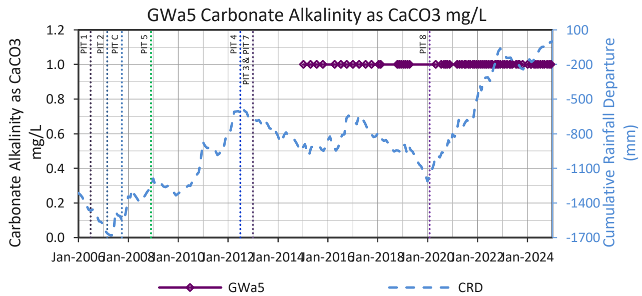

GWa5 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

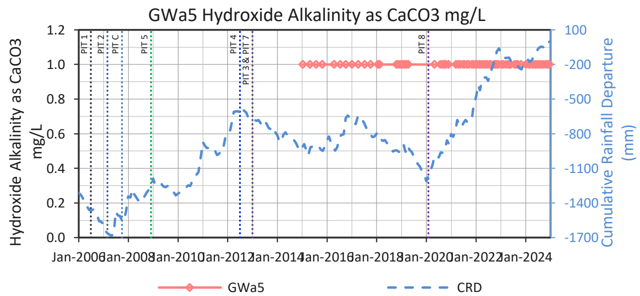

GWa5 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

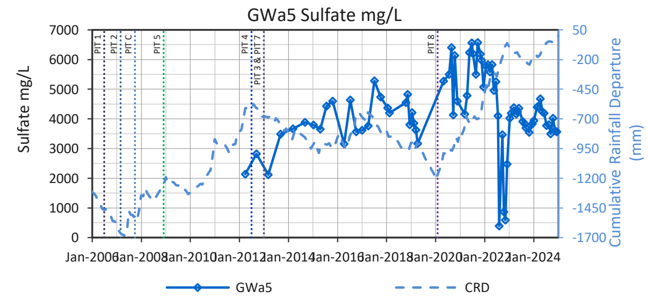

GWa5 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

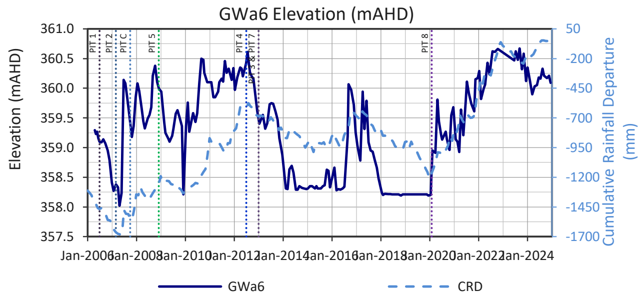

GWa5 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

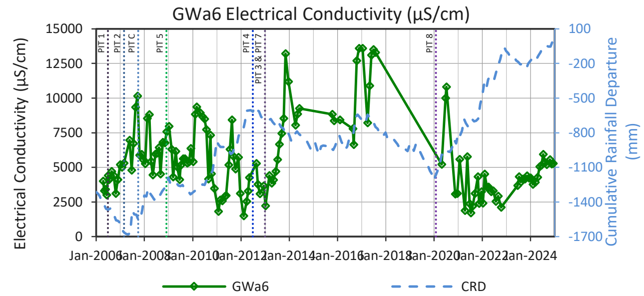

GWa5 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

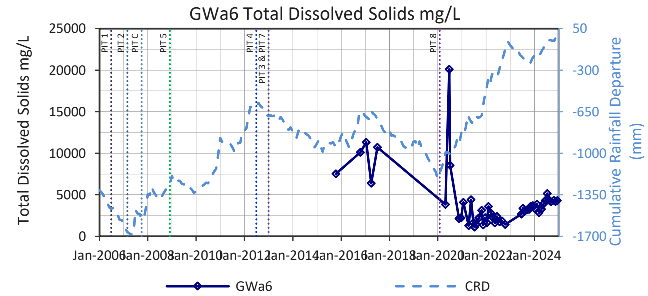

GWa5 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

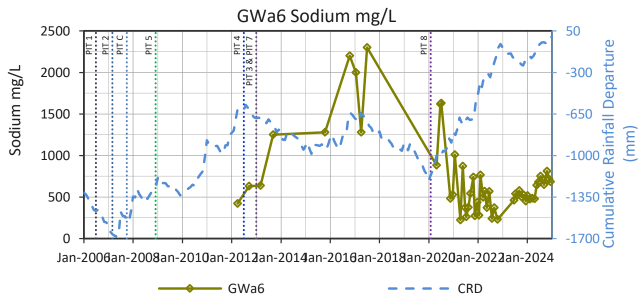

GWa5 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

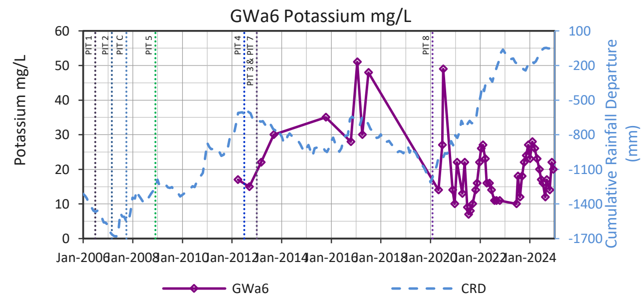

GWa5 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa5
CRD

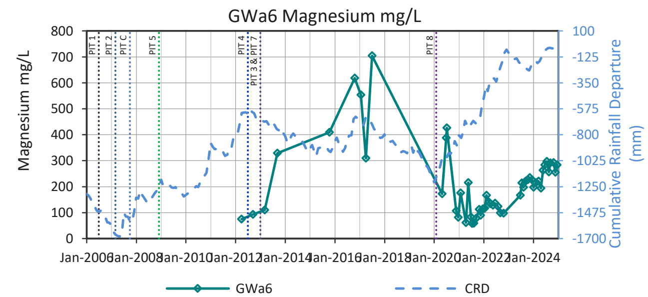

GWa6 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa6
CRD

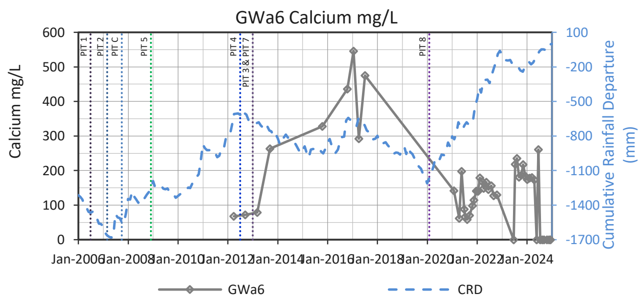

GWa6 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa6
CRD

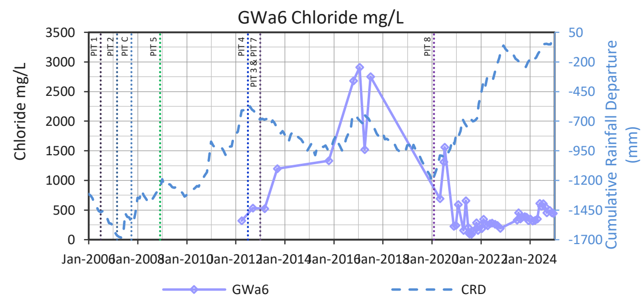

GWa6 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

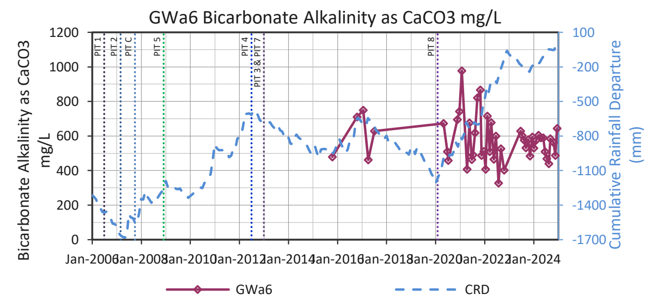

GWa6 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

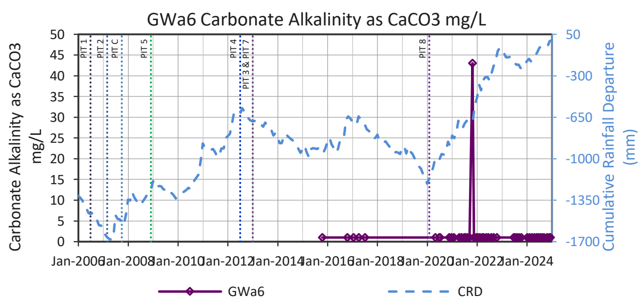

GWa6 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

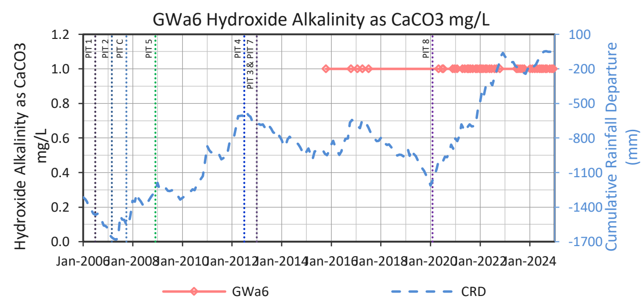

GWa6 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

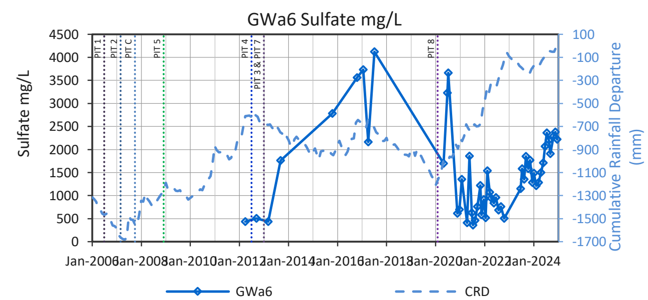

GWa6 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

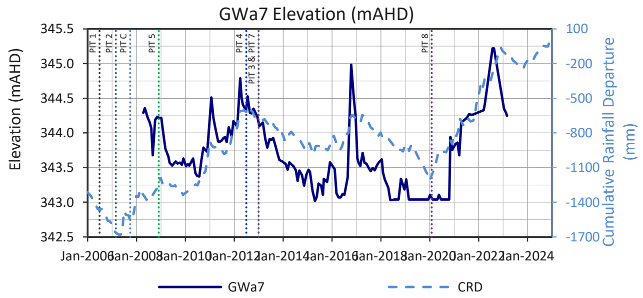

GWa6 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

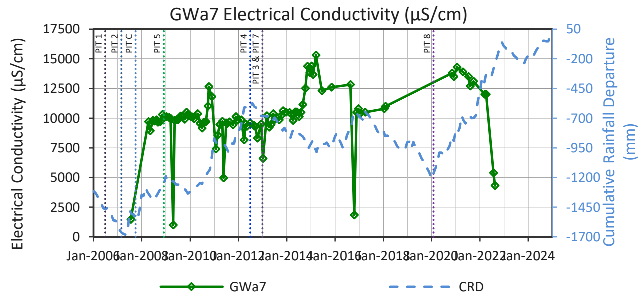

GWa6 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

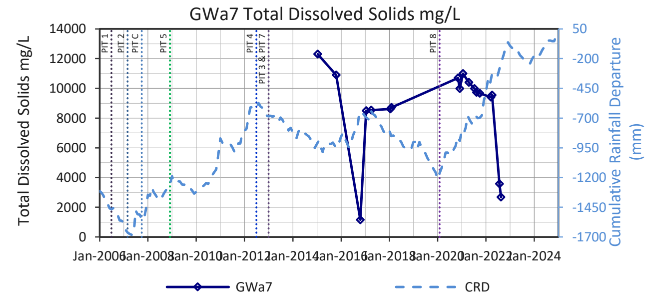

GWa6 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

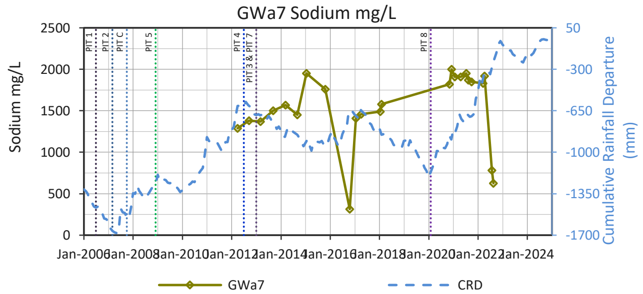

GWa6 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

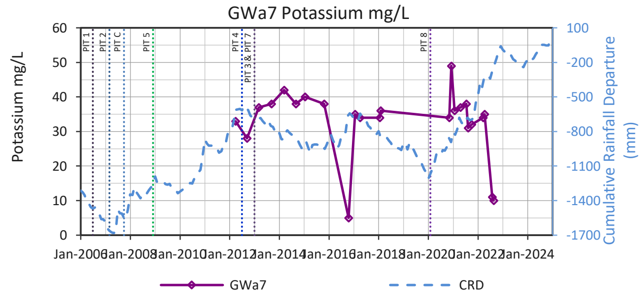

GWa6 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa6
CRD

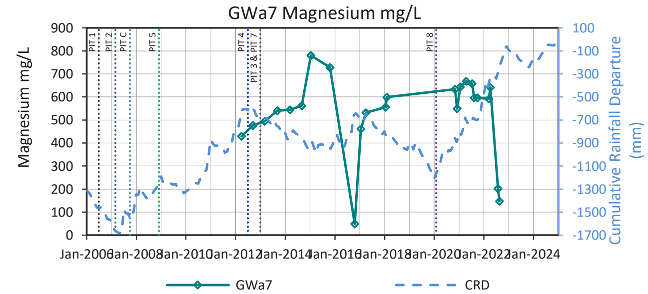

GWa7 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa7
CRD

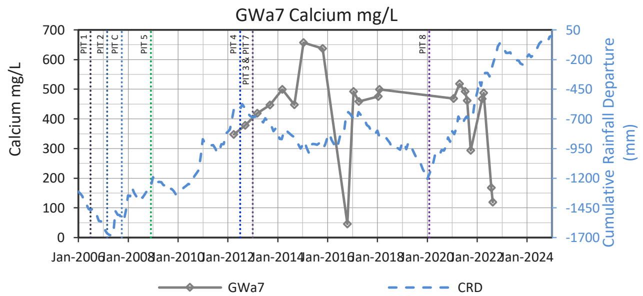

GWa7 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa7
CRD

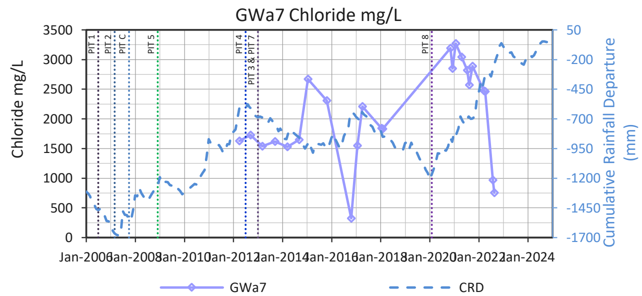

GWa7 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

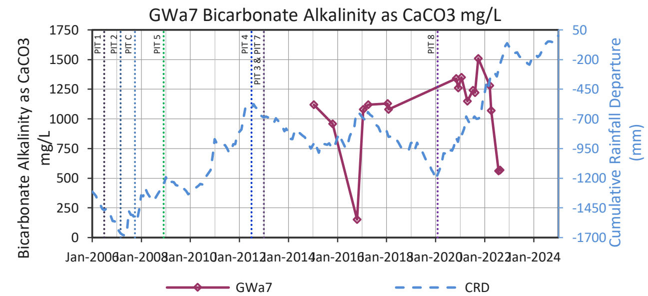

GWa7 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

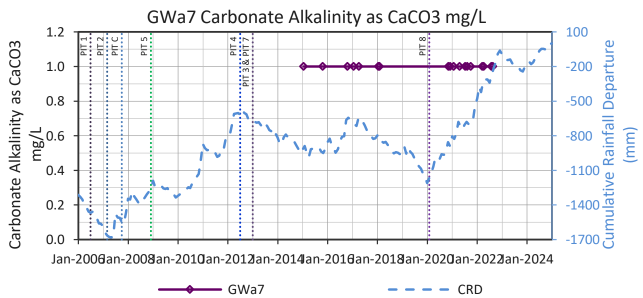

GWa7 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

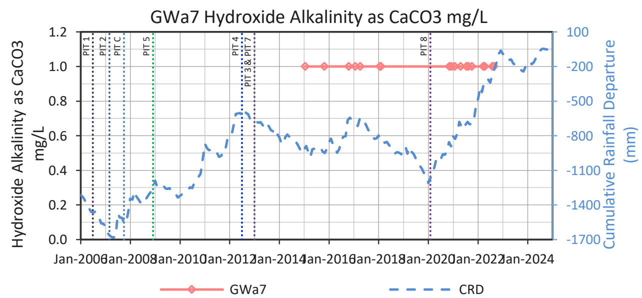

GWa7 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

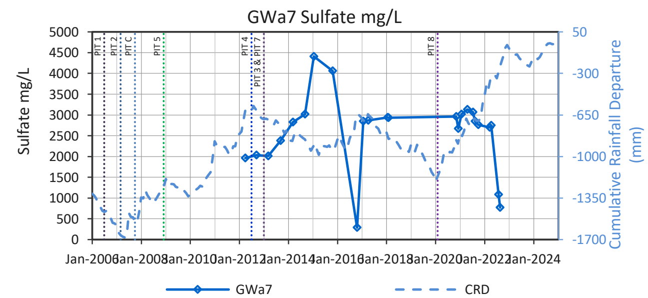

GWa7 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

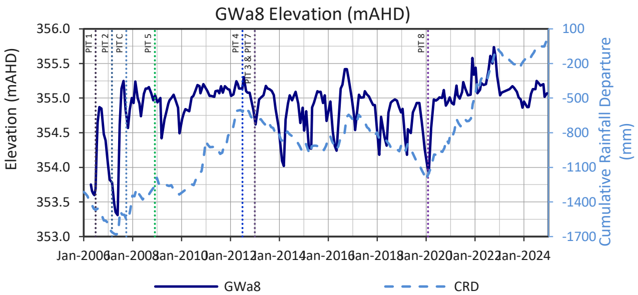

GWa7 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

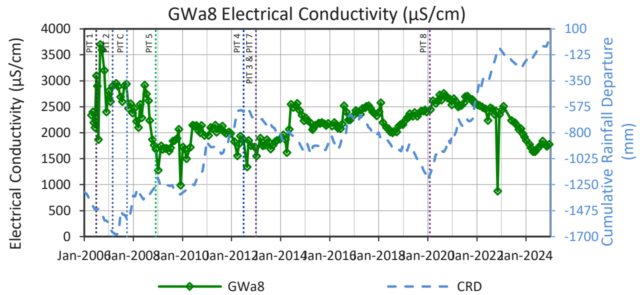

GWa7 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

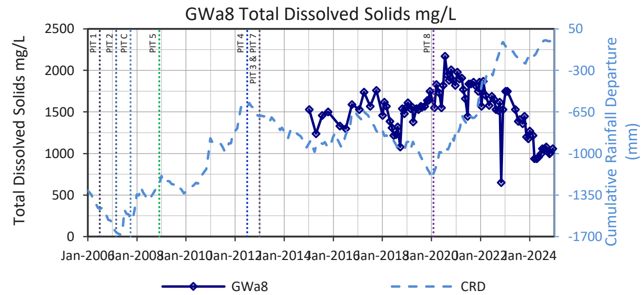

GWa7 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

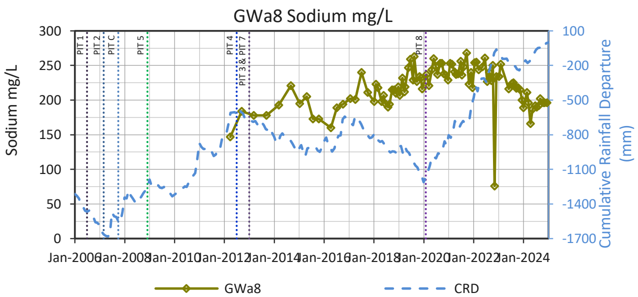

GWa7 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

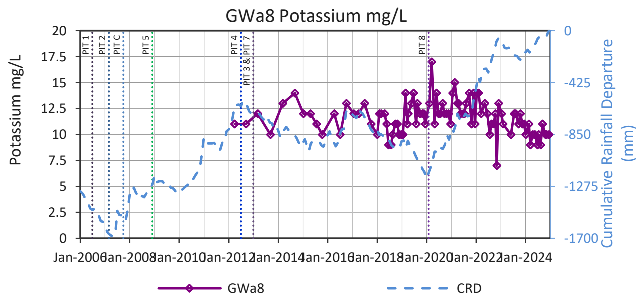

GWa7 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa7
CRD

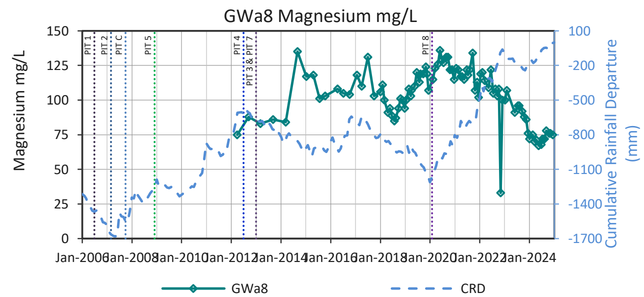

GWa8 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa8
CRD

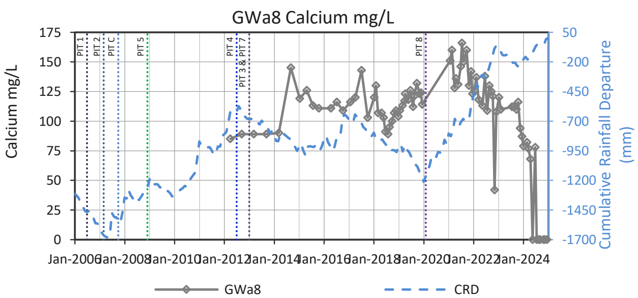

GWa8 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa8
CRD

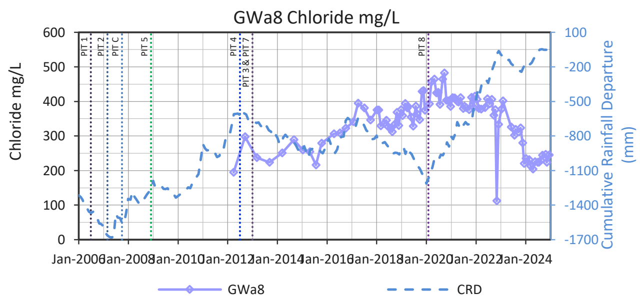

GWa8 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

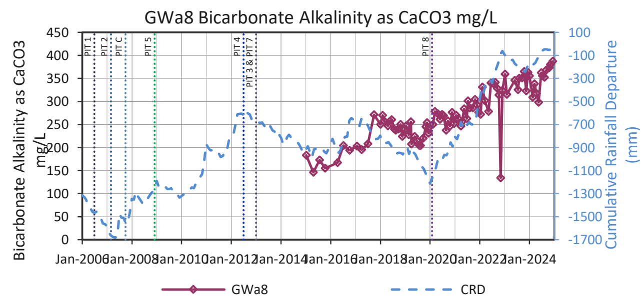

GWa8 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

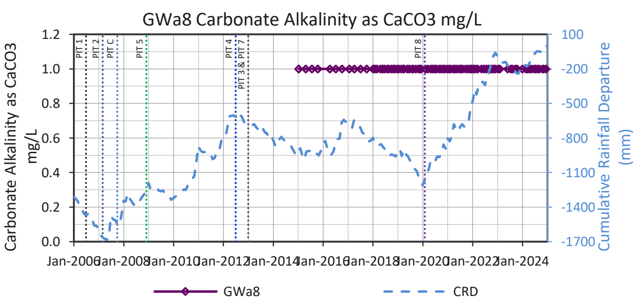

GWa8 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

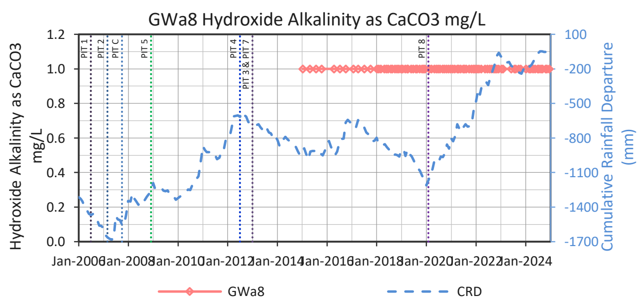

GWa8 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

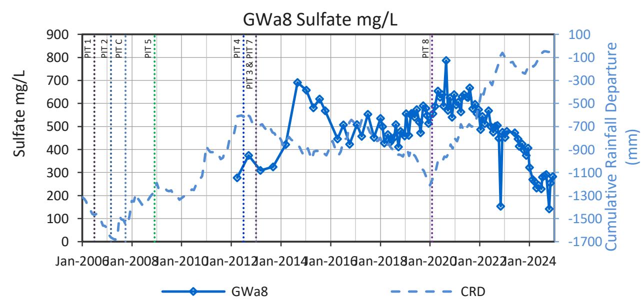

GWa8 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

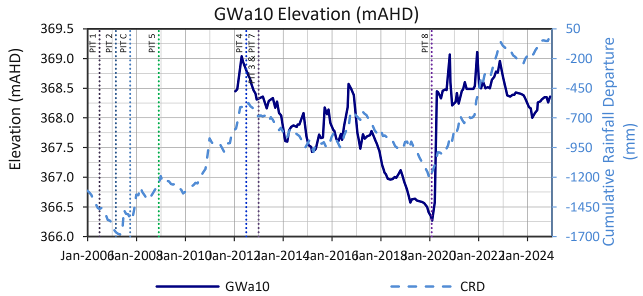

GWa8 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

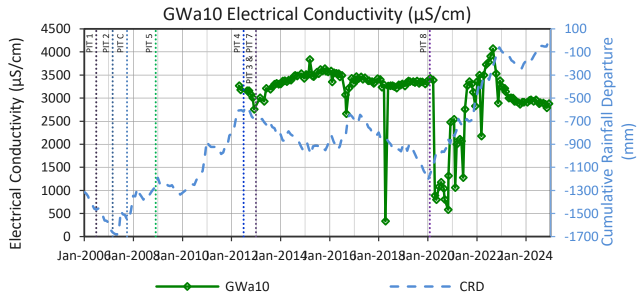

GWa8 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

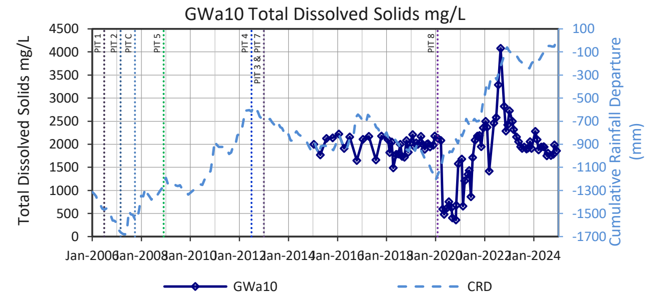

GWa8 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

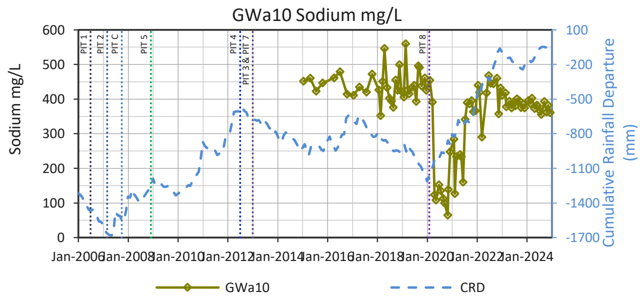

GWa8 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

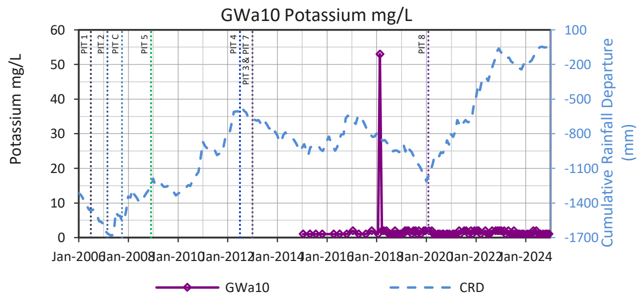

GWa8 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa8
CRD

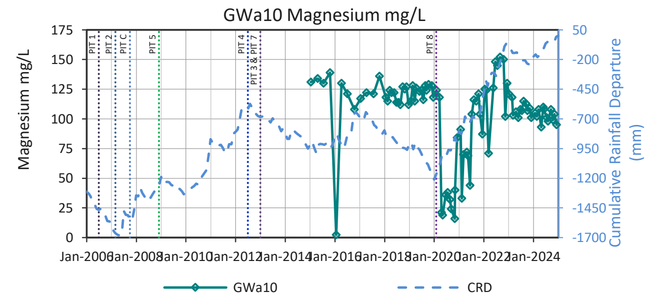

GWa10 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa10
CRD

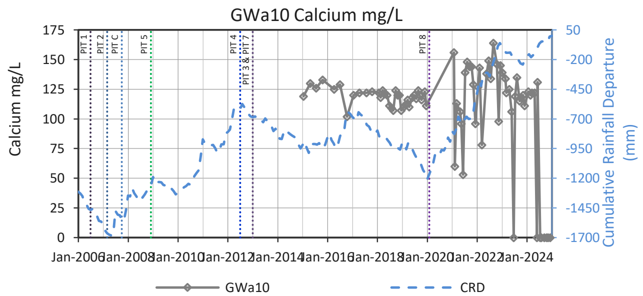

GWa10 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa10
CRD

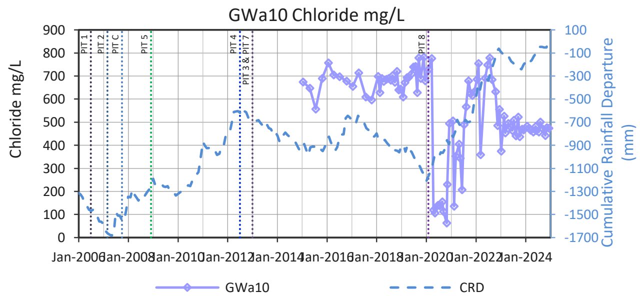

GWa10 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

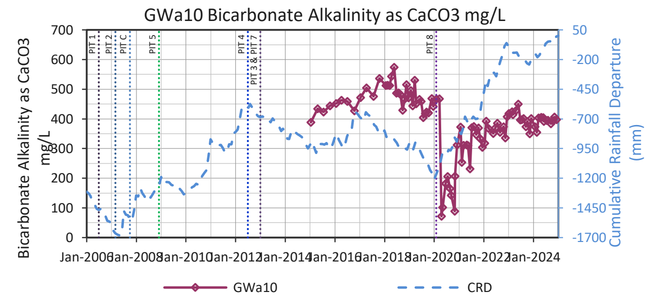

GWa10 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

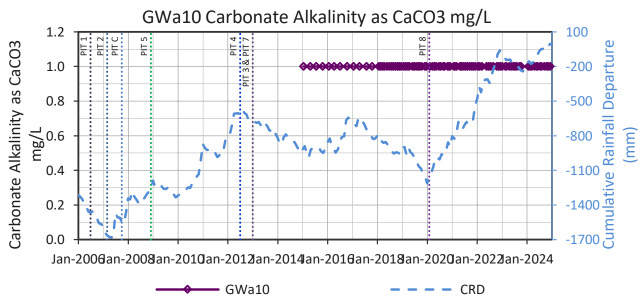

GWa10 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

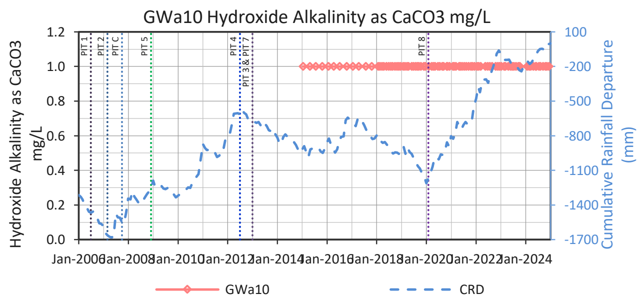

GWa10 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

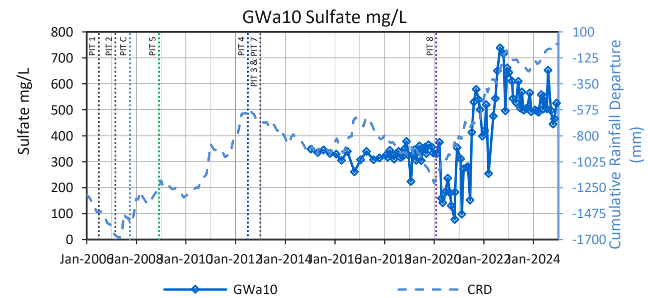

GWa10 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

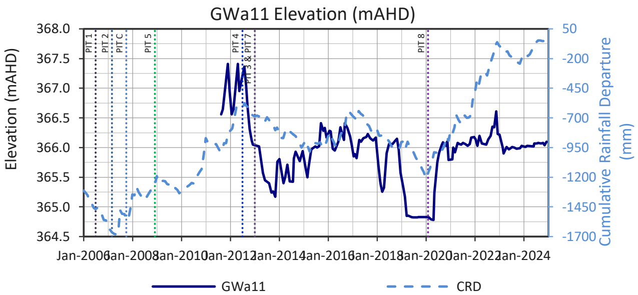

GWa10 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

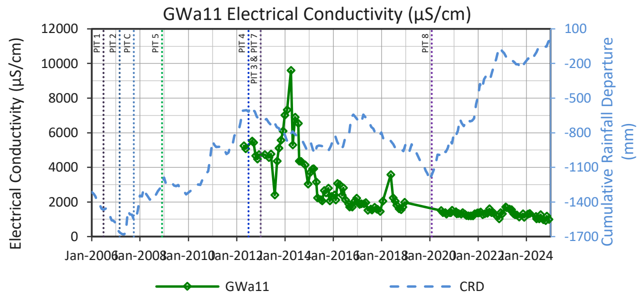

GWa10 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

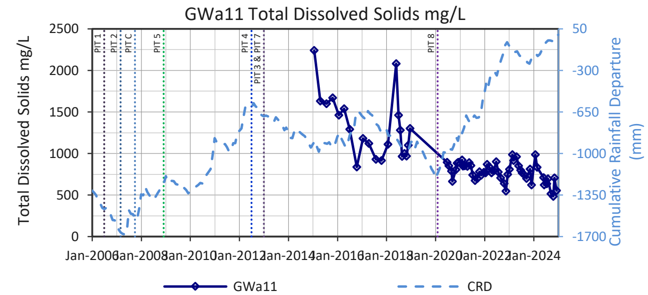

GWa10 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

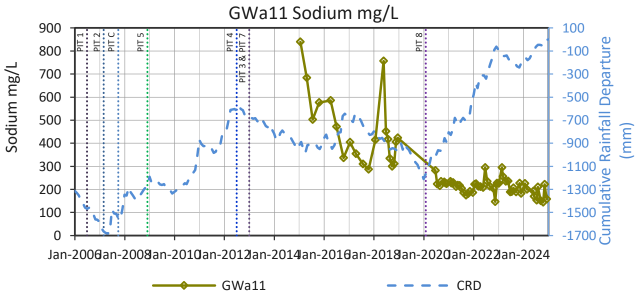

GWa10 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

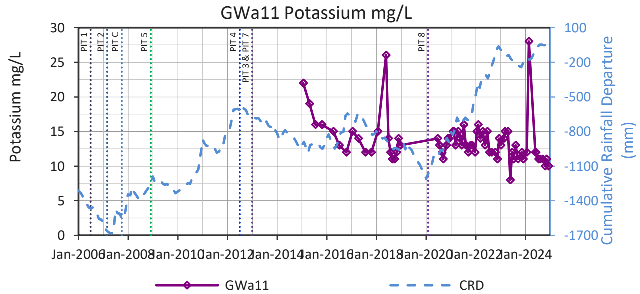

GWa10 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa10
CRD

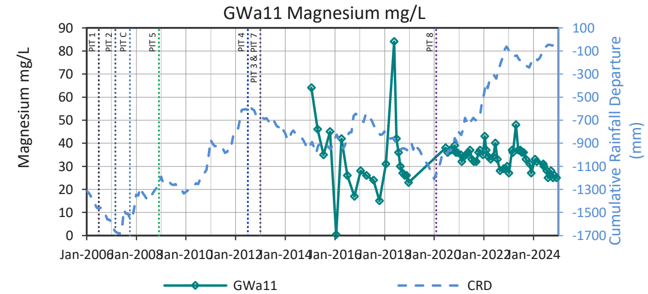

GWa11 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa11
CRD

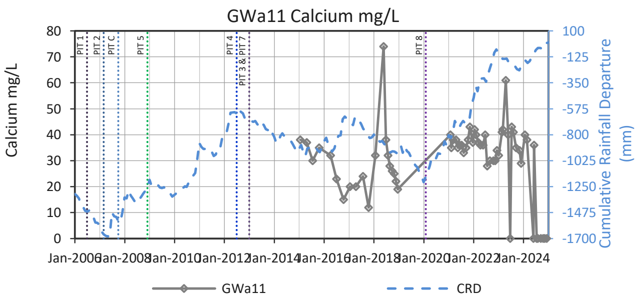

GWa11 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa11
CRD

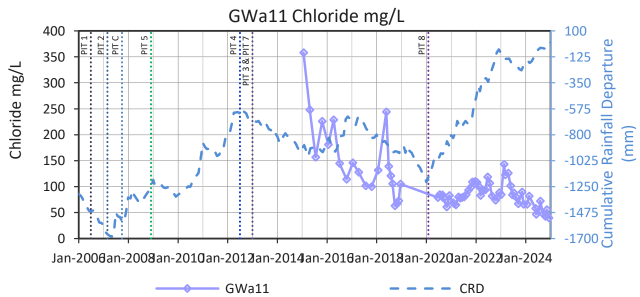

GWa11 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

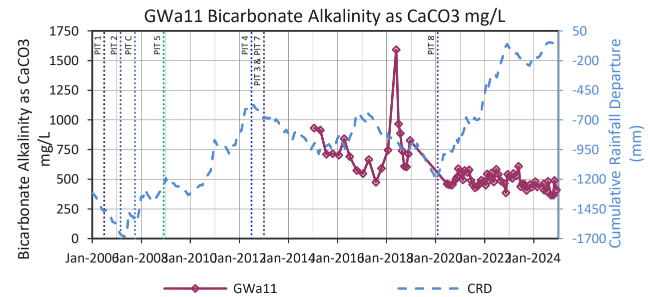

GWa11 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

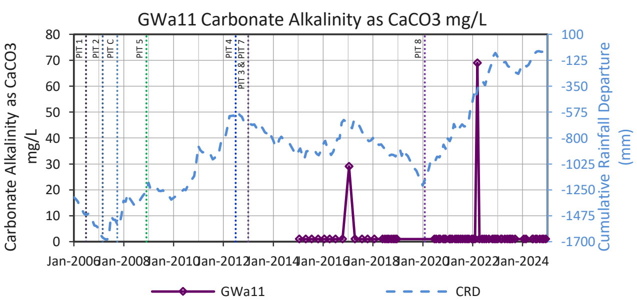

GWa11 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

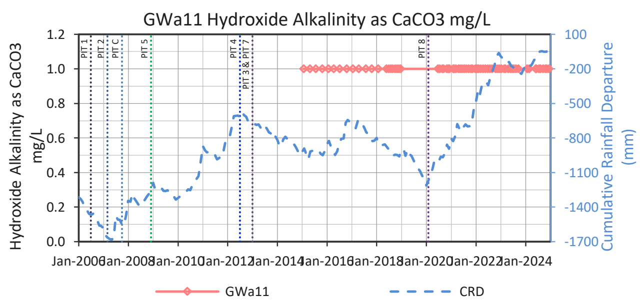

GWa11 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

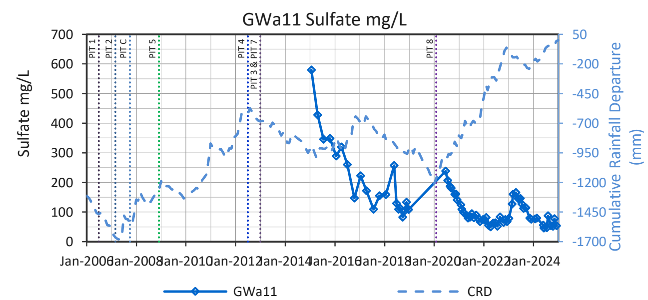

GWa11 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

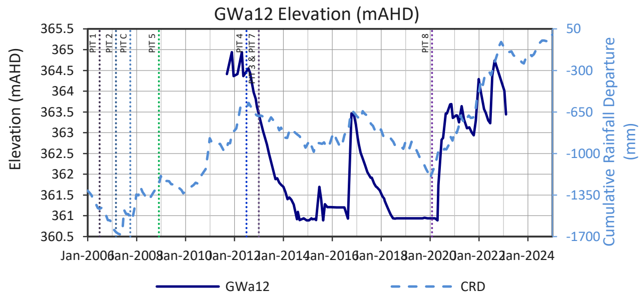

GWa11 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

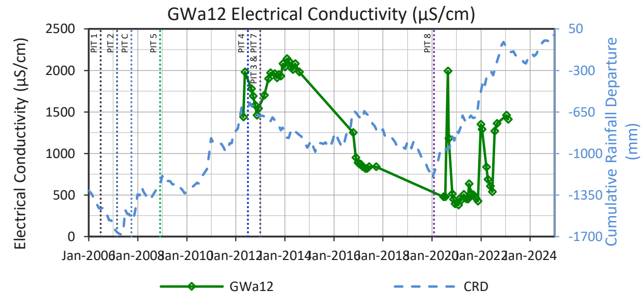

GWa11 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

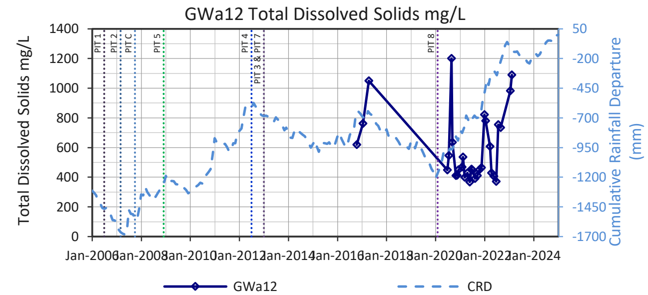

GWa11 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

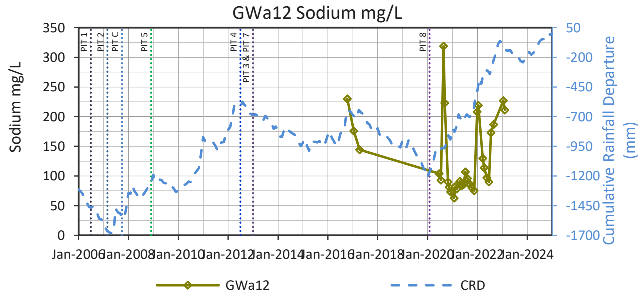

GWa11 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

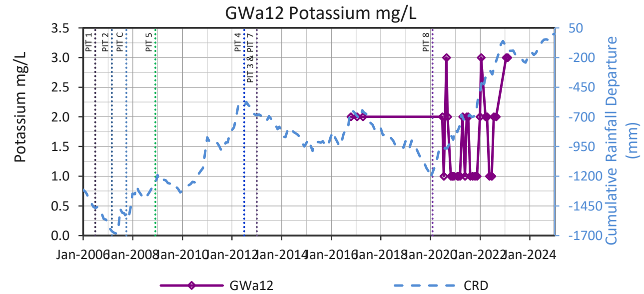

GWa11 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa11
CRD

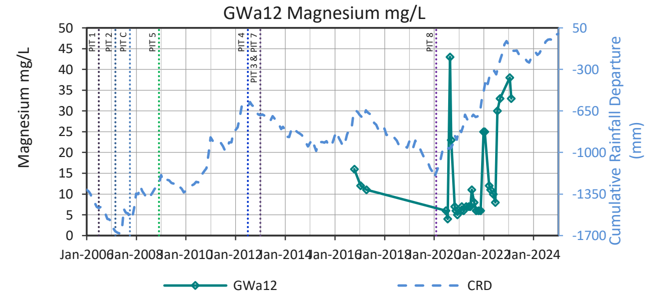

GWa12 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa12
CRD

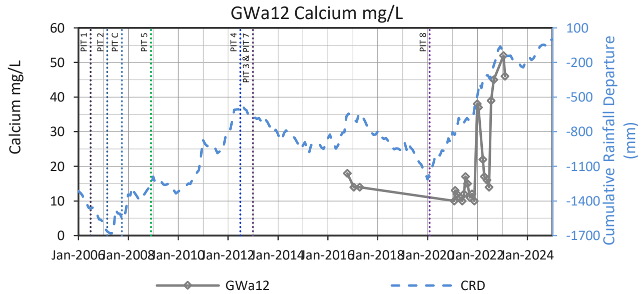

GWa12 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa12
CRD

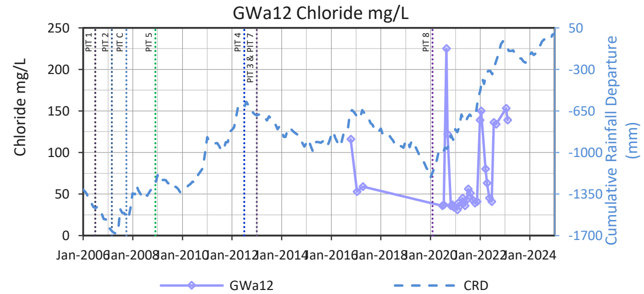

GWa12 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

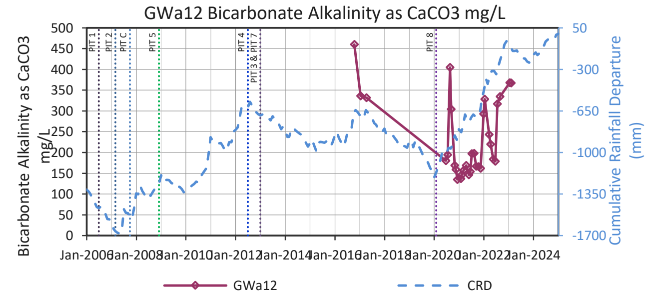

GWa12 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

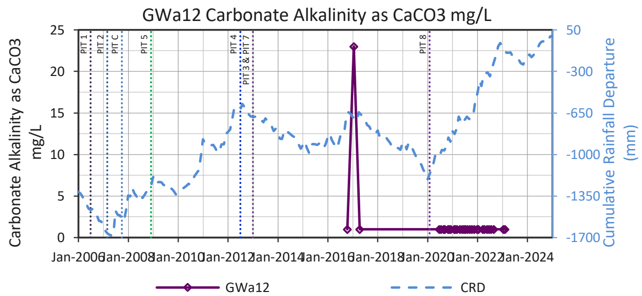

GWa12 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

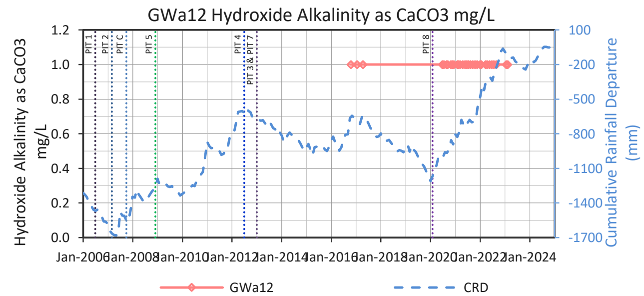

GWa12 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

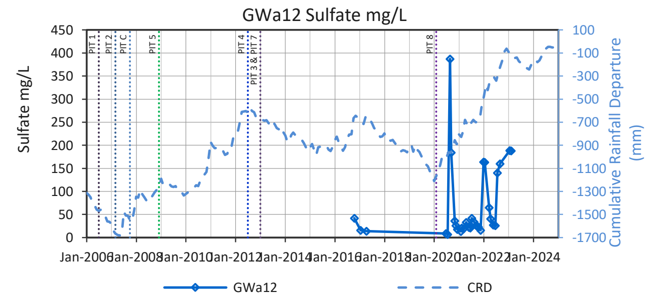

GWa12 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

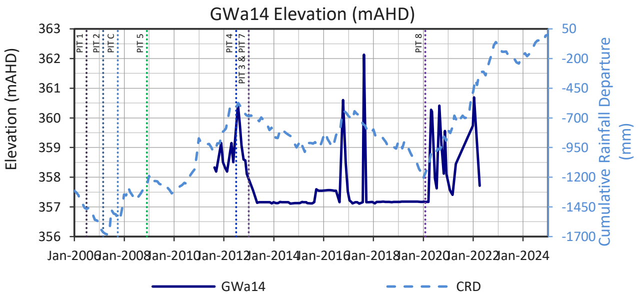

GWa12 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

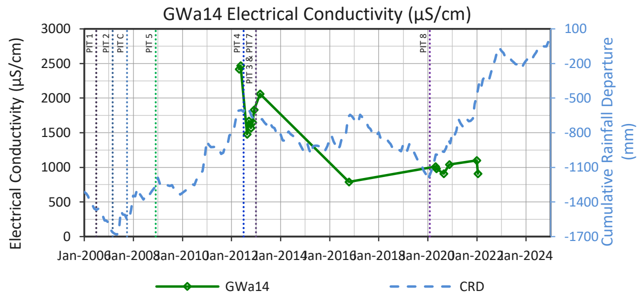

GWa12 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

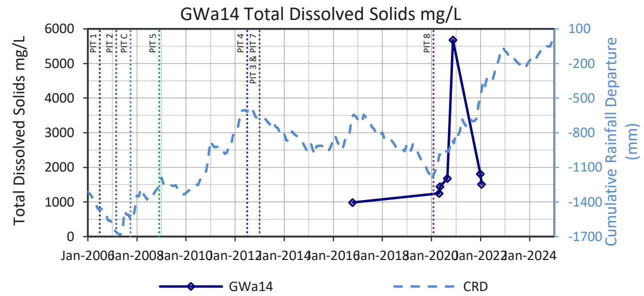

GWa12 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

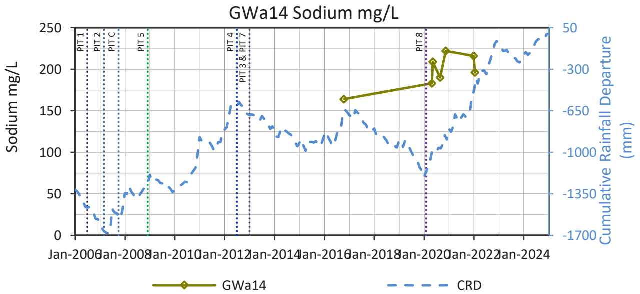

GWa12 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

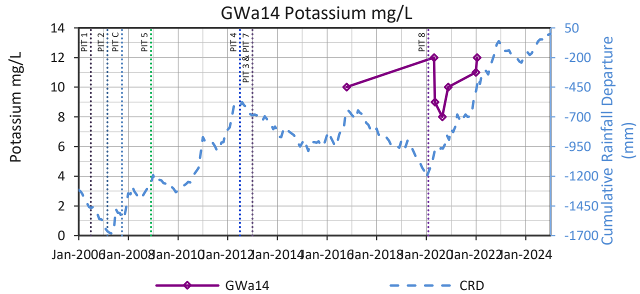

GWa12 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa12
CRD

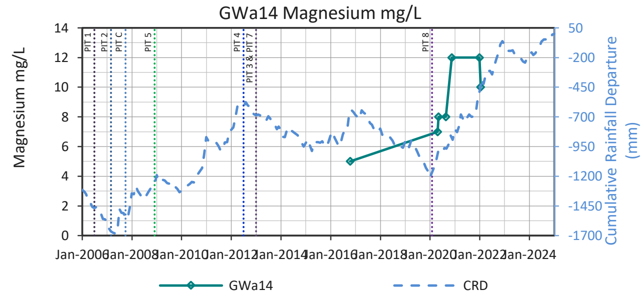

GWa14 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa14
CRD

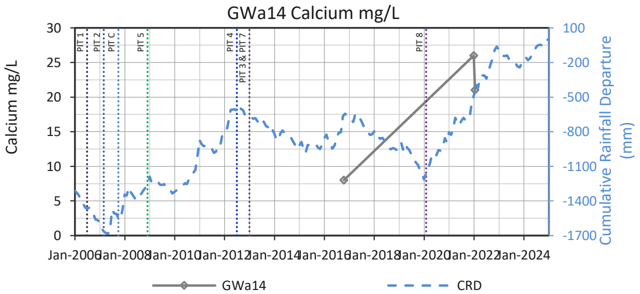

GWa14 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa14
CRD

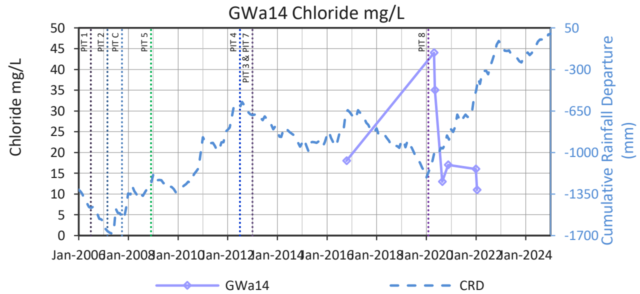

GWa14 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

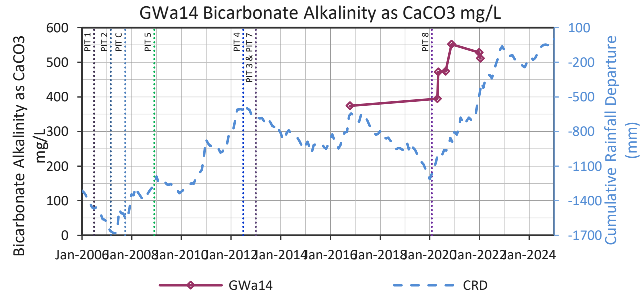

GWa14 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

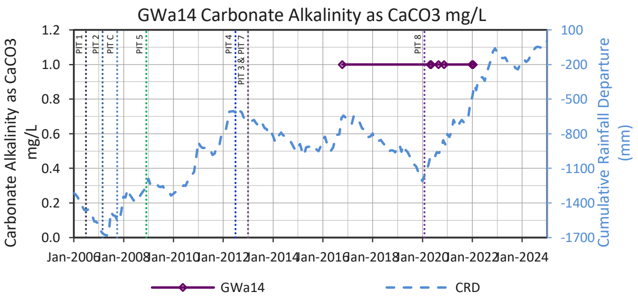

GWa14 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

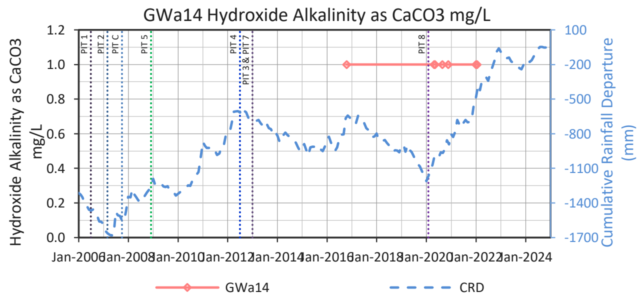

GWa14 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

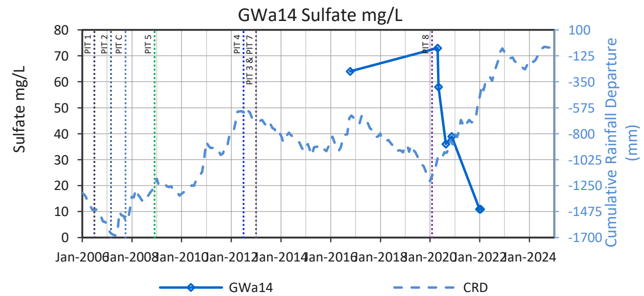

GWa14 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

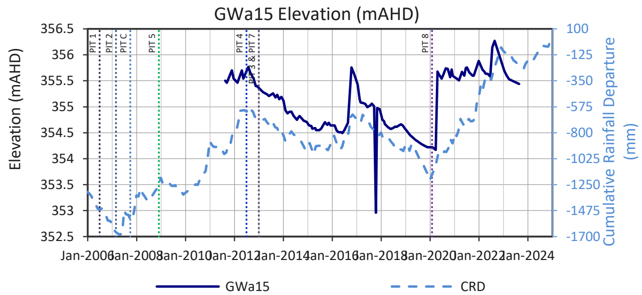

GWa14 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

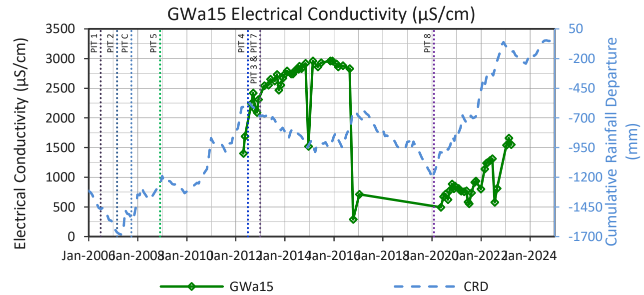

GWa14 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

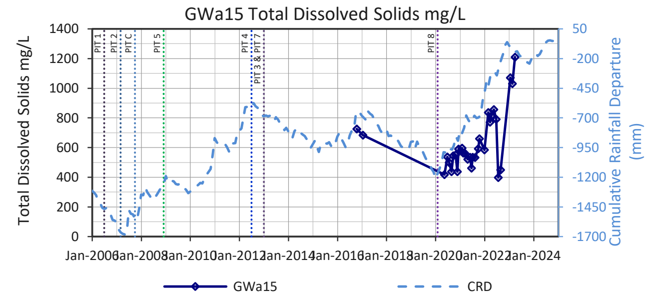

GWa14 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

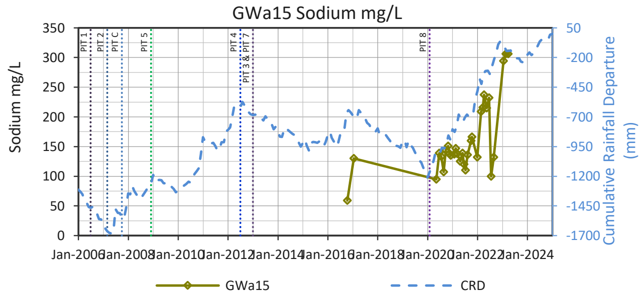

GWa14 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

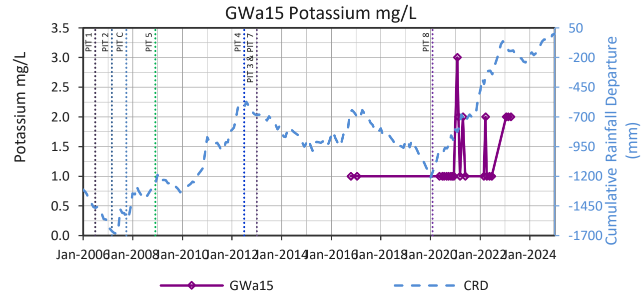

GWa14 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa14
CRD

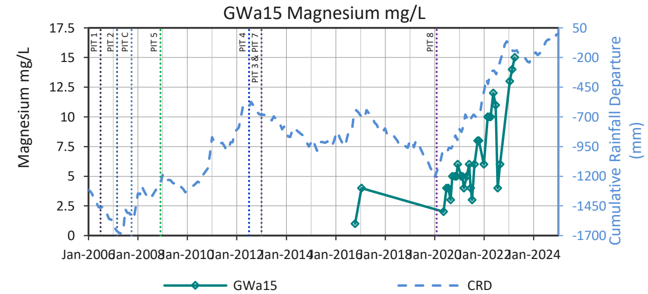

GWa15 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWa15
CRD

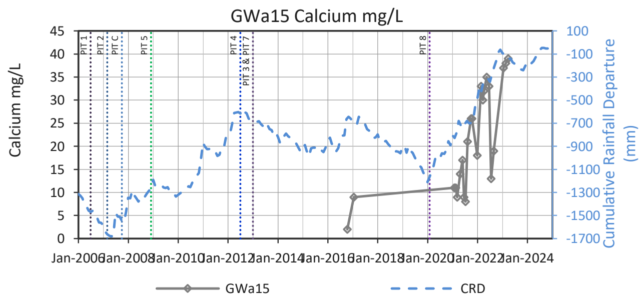

GWa15 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa15
CRD

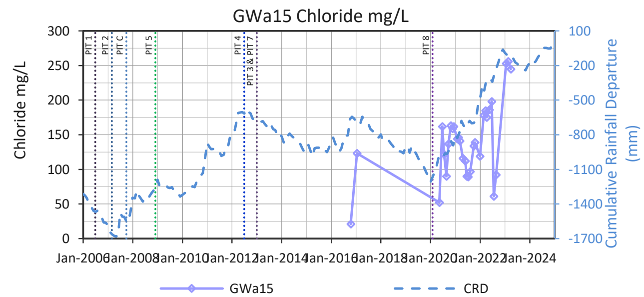

GWa15 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

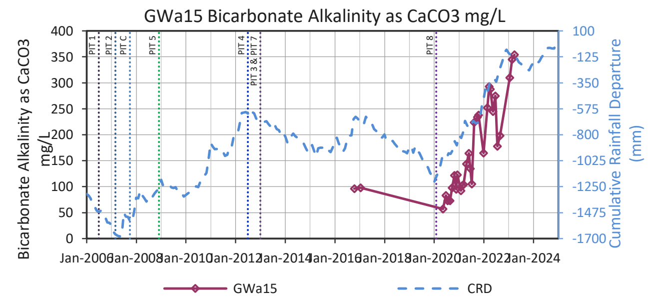

GWa15 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

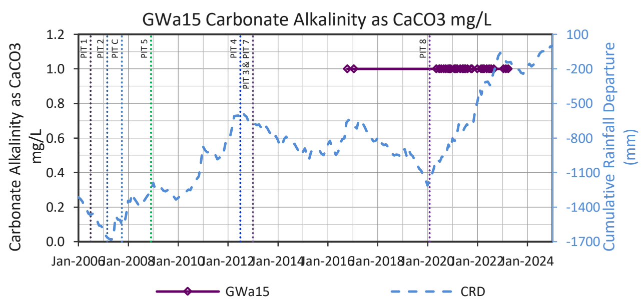

GWa15 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

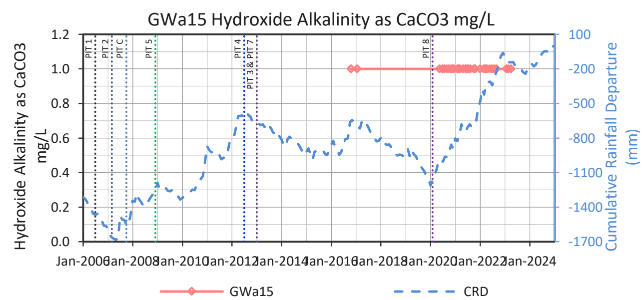

GWa15 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

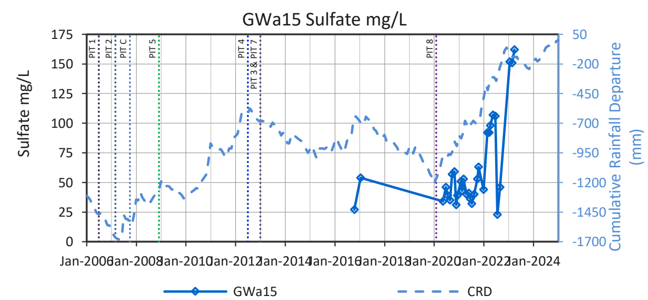

GWa15 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

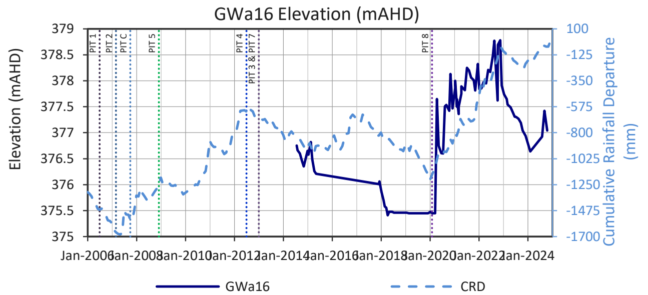

GWa15 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

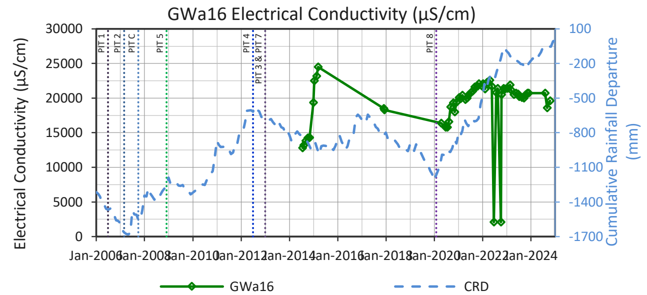

GWa15 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

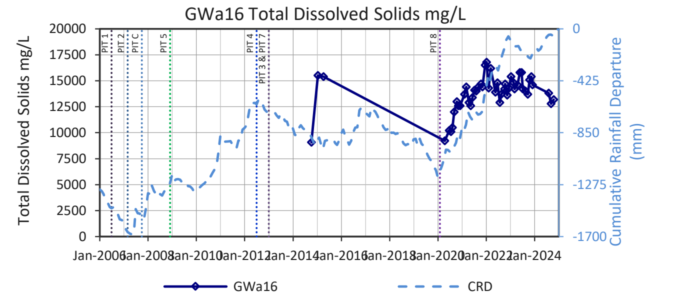

GWa15 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

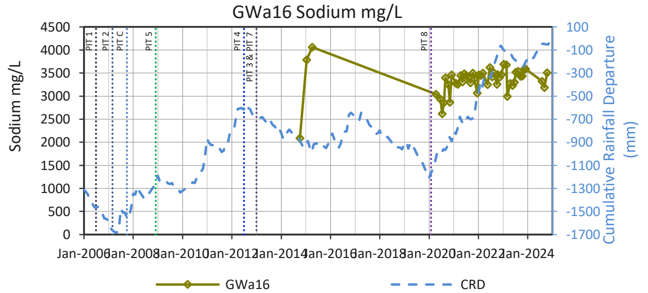

GWa15 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

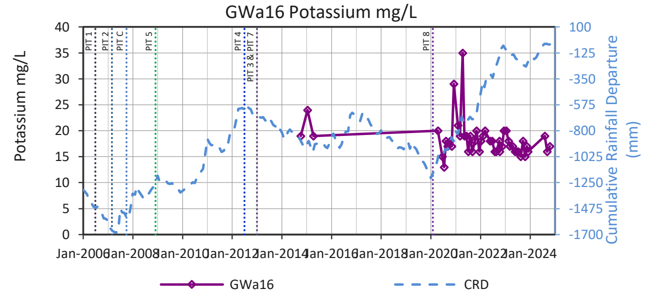

GWa15 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa15
CRD

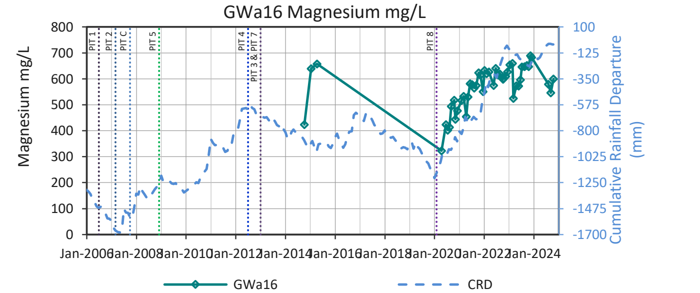

GWa16 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa16
CRD

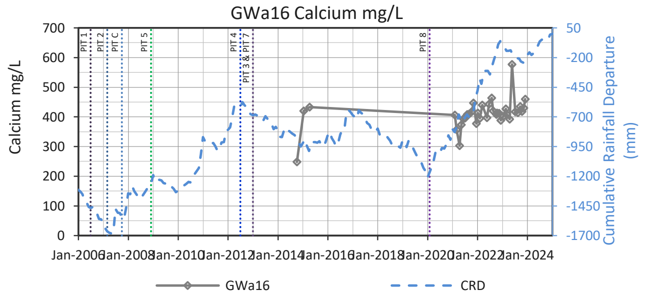

GWa16 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa16
CRD

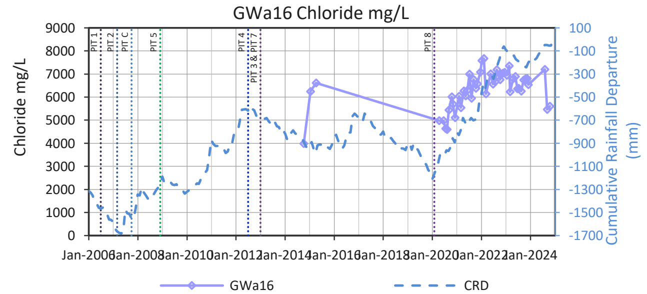

GWa16 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

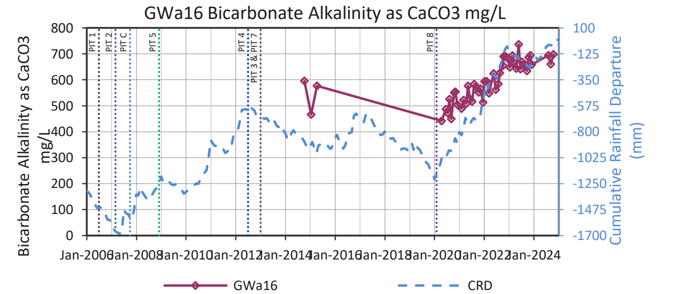

GWa16 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

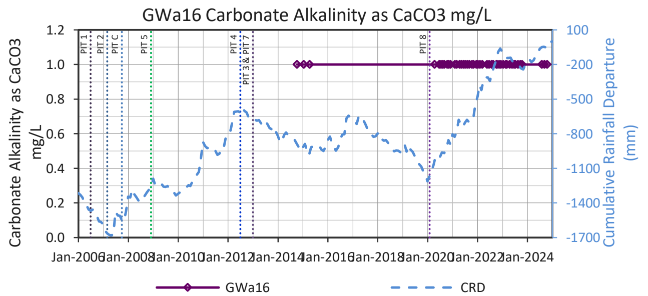

GWa16 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

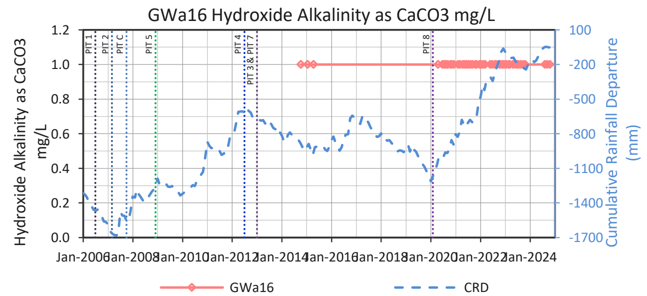

GWa16 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

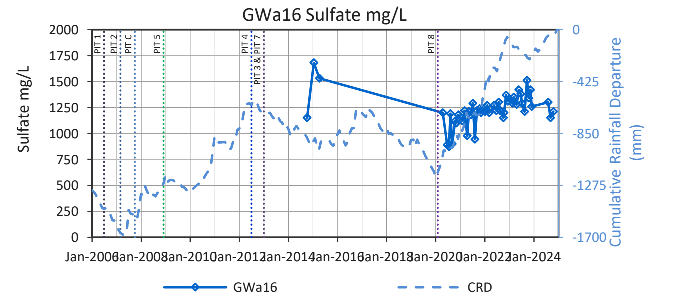

GWa16 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD


GWa16 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

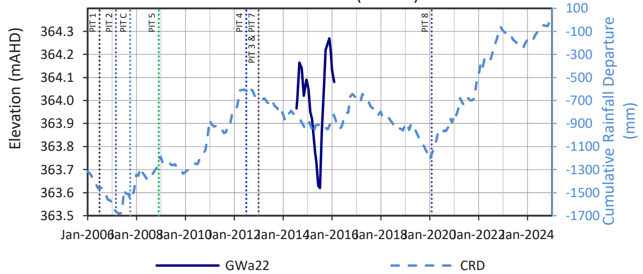

GWa16 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD


GWa16 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

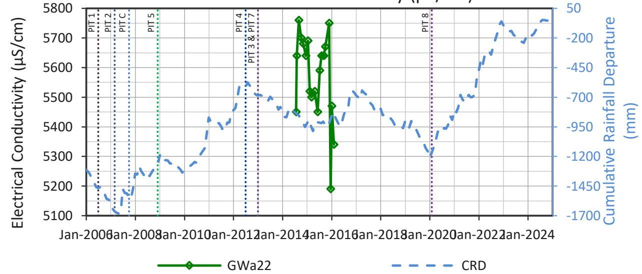

GWa16 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD


GWa16 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa16
CRD

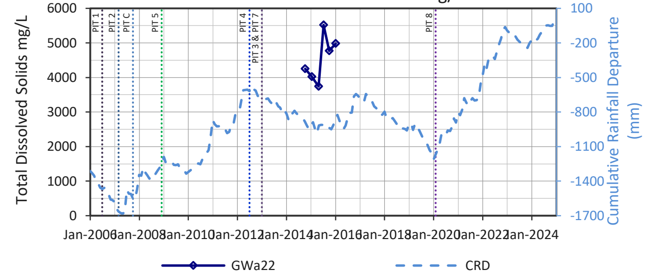
GWa22 Elevation (mAHD)



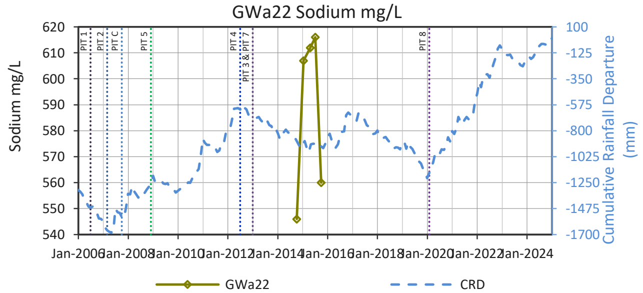

GWa22 Electrical Conductivity (µS/cm)



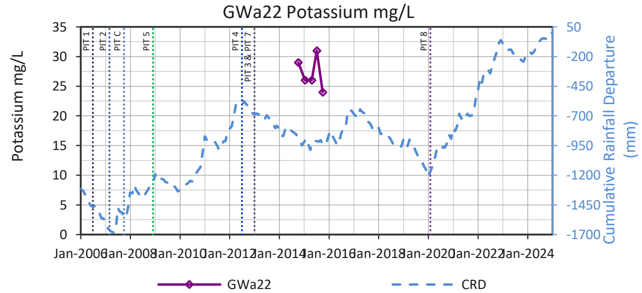

GWa22 Total Dissolved Solids mg/L



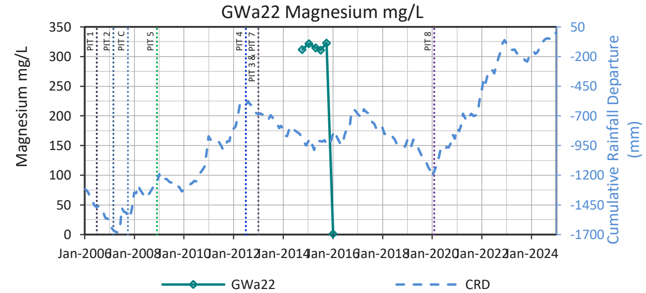

GWa22 Sodium mg/L



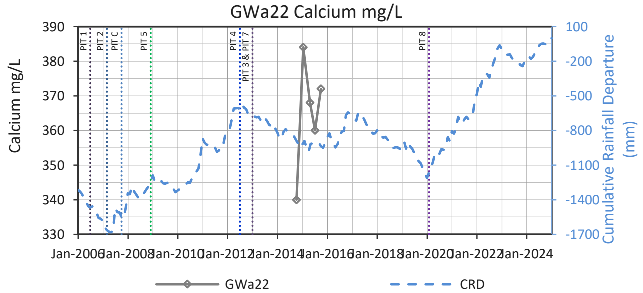

GWa22 Potassium mg/L



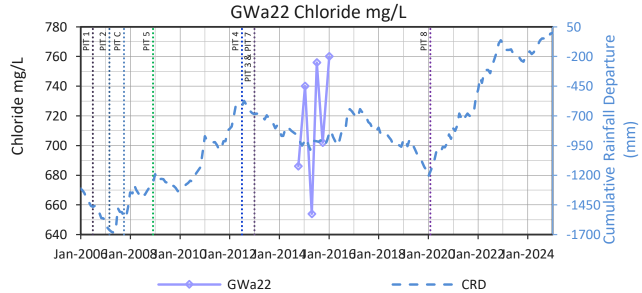

GWa22 Magnesium mg/L



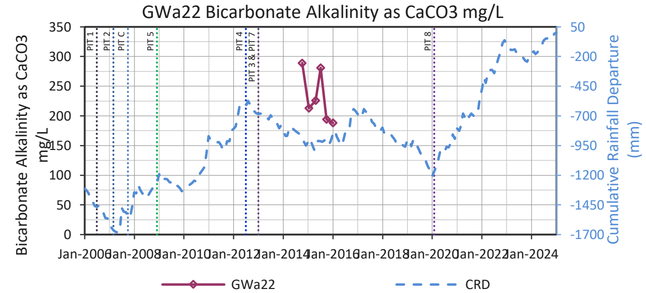

GWa22 Calcium mg/L



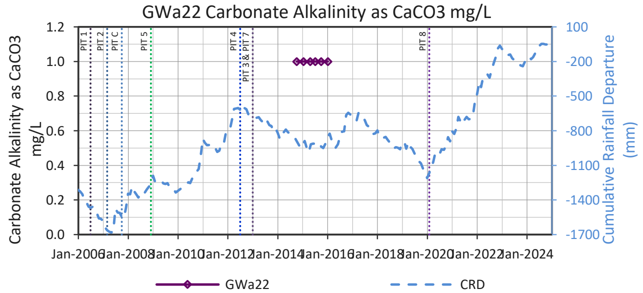

GWa22 Chloride mg/L



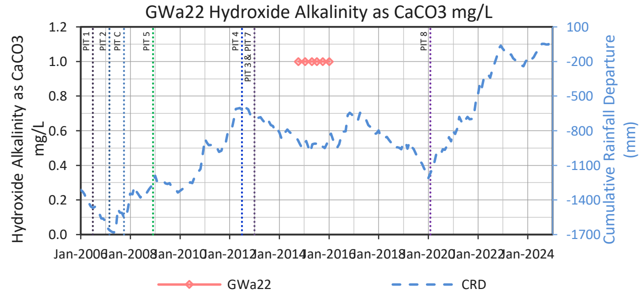

GWa22 Bicarbonate Alkalinity as CaCO3 mg/L



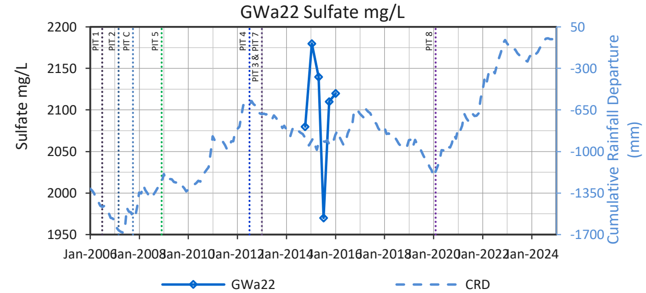

GWa22 Carbonate Alkalinity as CaCO3 mg/L

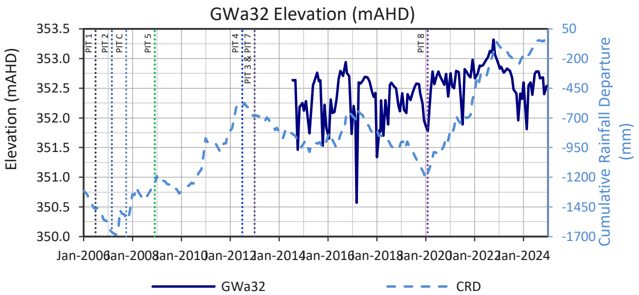


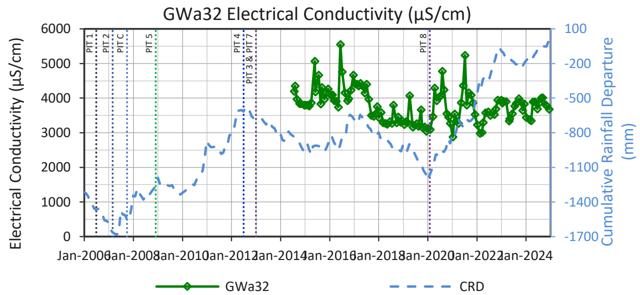

GWa22 Hydroxide Alkalinity as CaCO3 mg/L

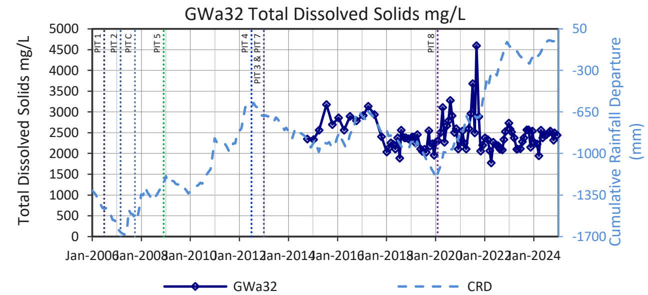


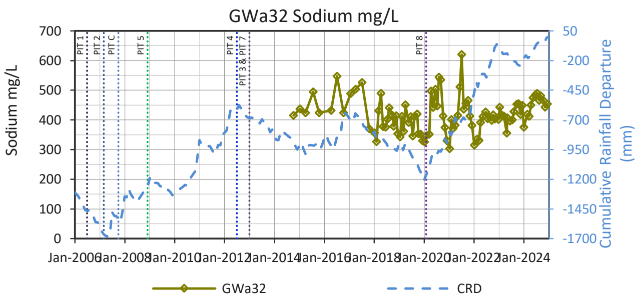

GWa22 Sulfate mg/L

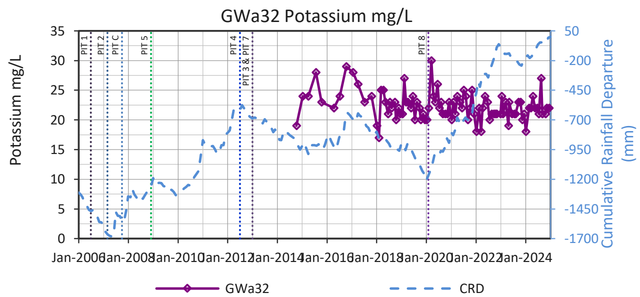


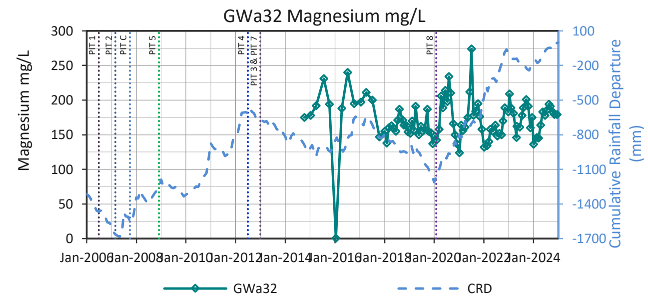

GWa32 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa32
CRD

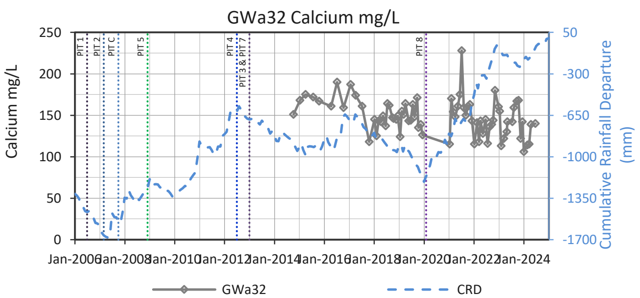

GWa32 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa32
CRD

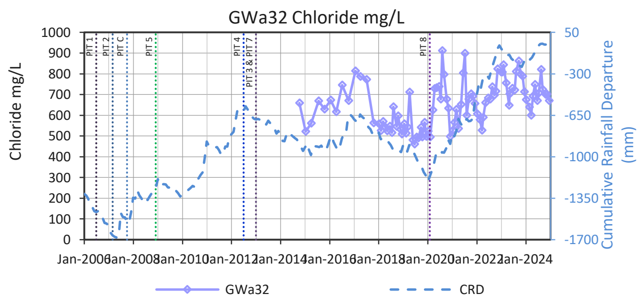

GWa32 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

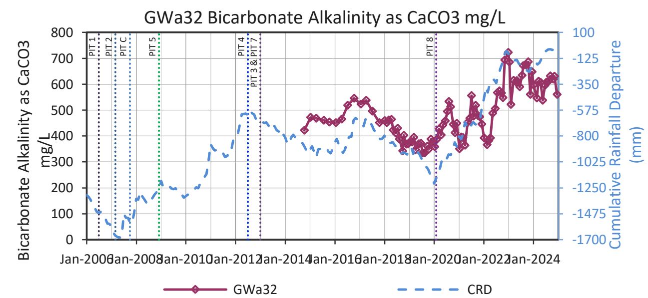

GWa32 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

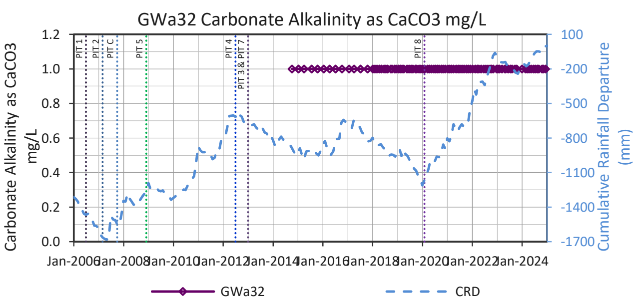

GWa32 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

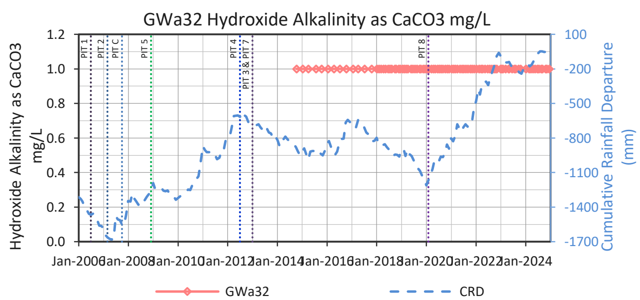

GWa32 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

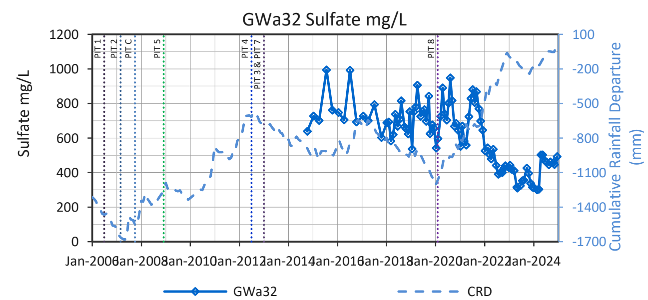

GWa32 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

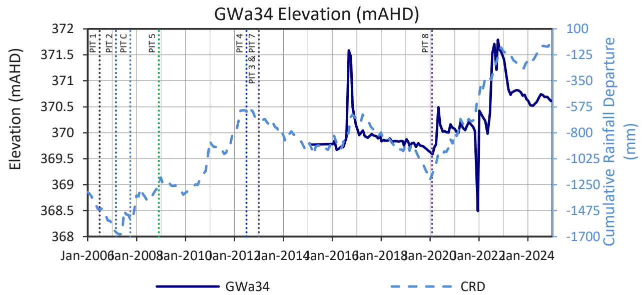

GWa32 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

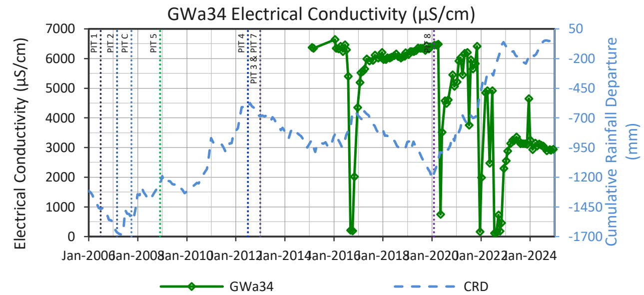

GWa32 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

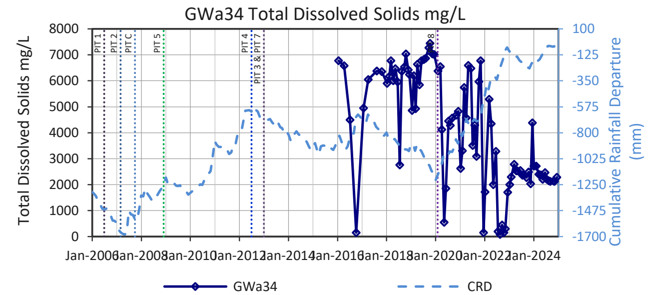

GWa32 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

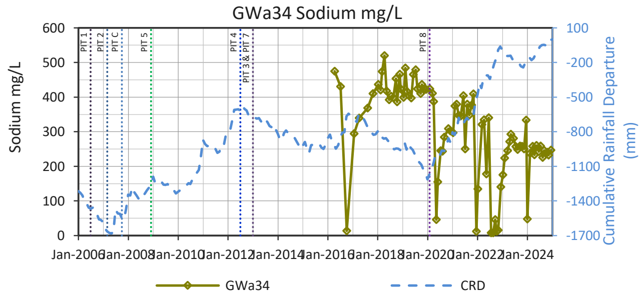

GWa32 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

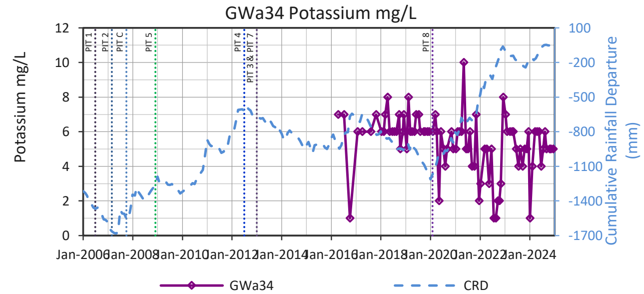

GWa32 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa32
CRD

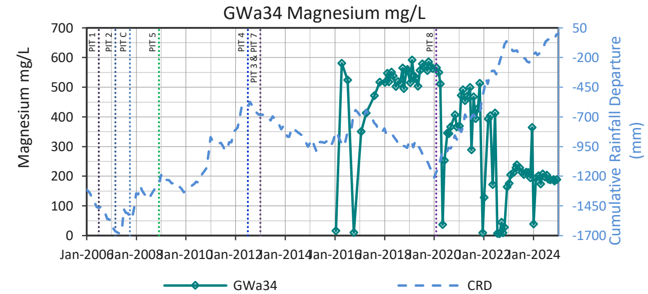

GWa34 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa34
CRD

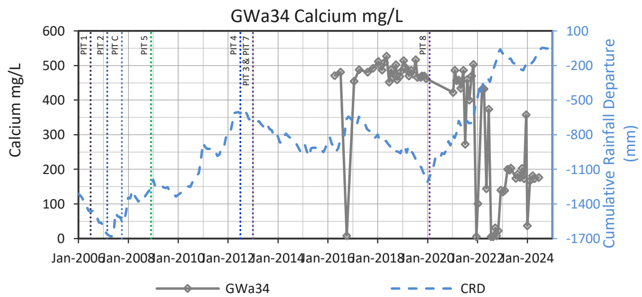

GWa34 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa34
CRD

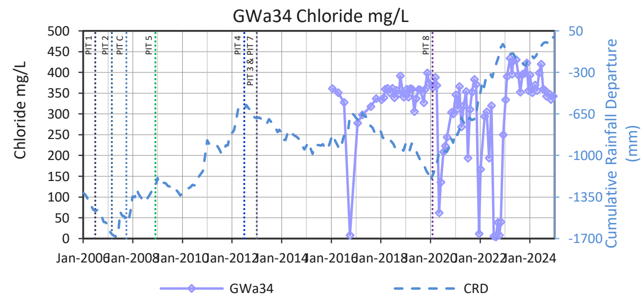

GWa34 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa34
CRD

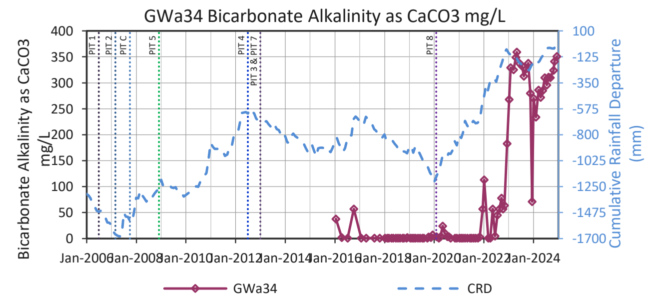

GWa34 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa34
CRD

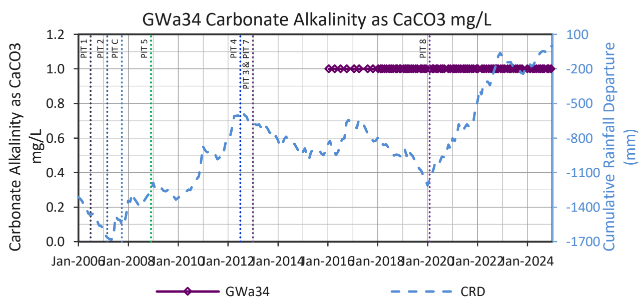

GWa34 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa34
CRD

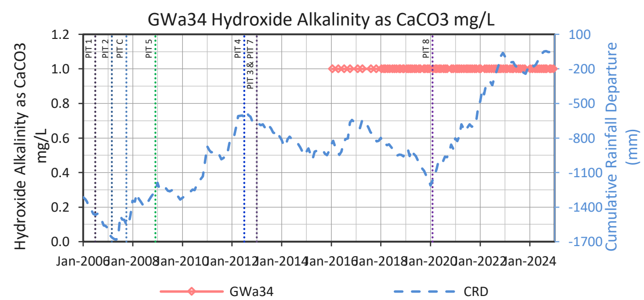

GWa34 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa34
CRD

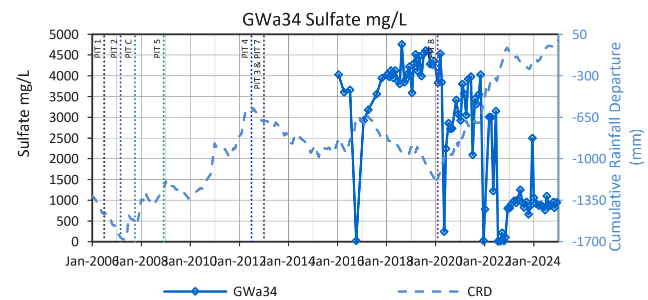

GWa34 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa34
CRD

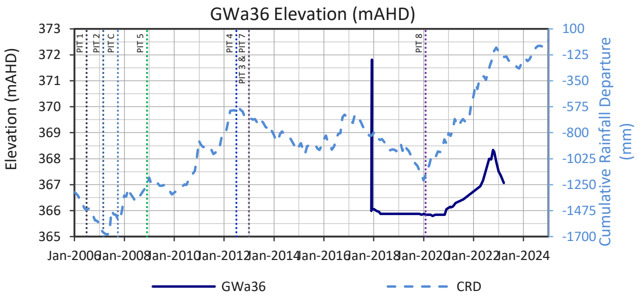

GWa34 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa34
CRD

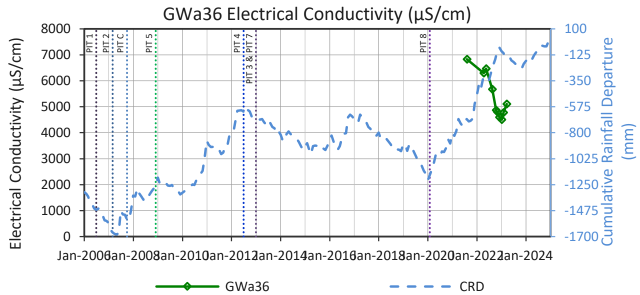

GWa34 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa34
CRD

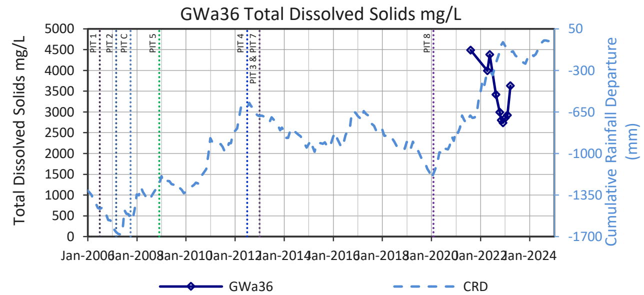

GWa34 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa34
CRD

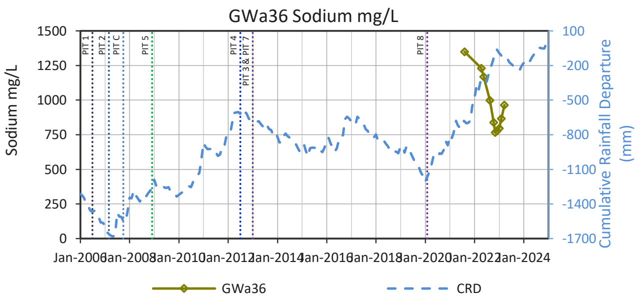

GWa34 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa34
CRD

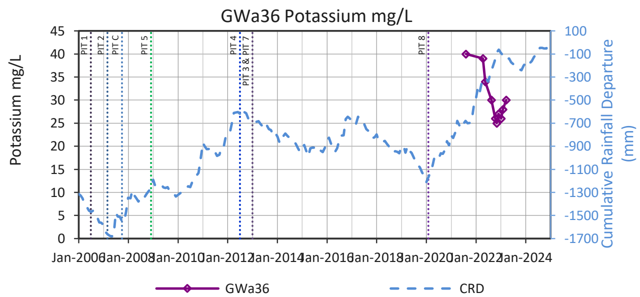

GWa34 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa34
CRD

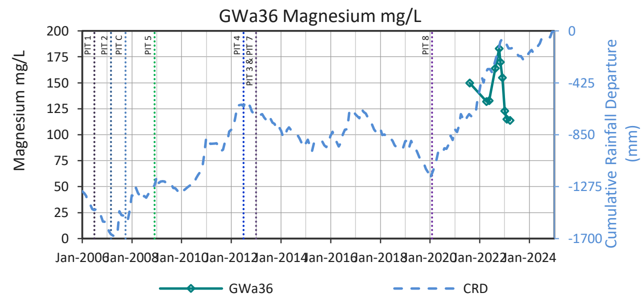

GWa36 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWa36
CRD

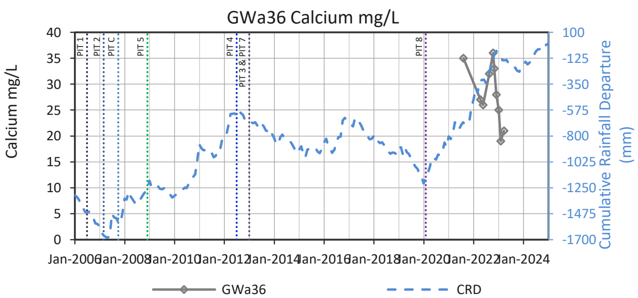

GWa36 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWa36
CRD

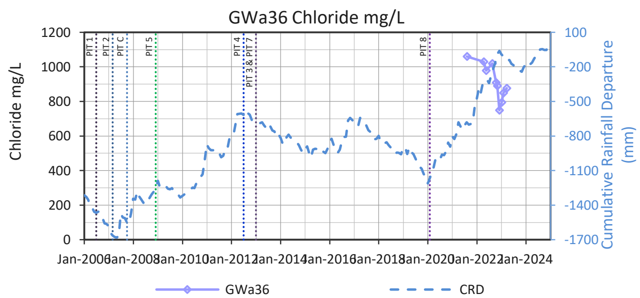

GWa36 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWa36
CRD

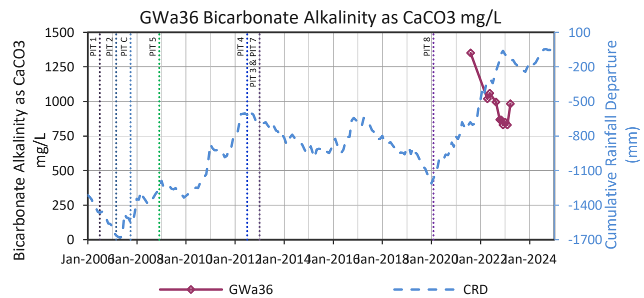

GWa36 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWa36
CRD

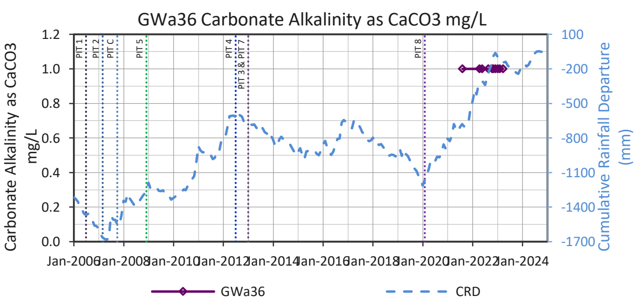

GWa36 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWa36
CRD

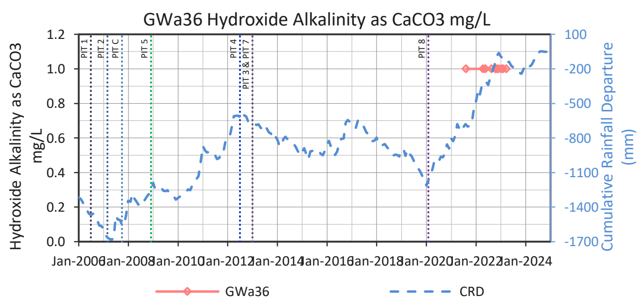

GWa36 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWa36
CRD

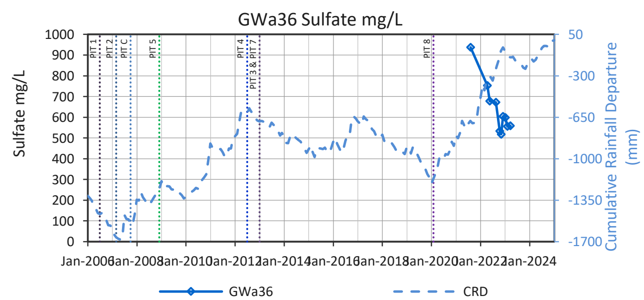

GWa36 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWa36
CRD


GWa36 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWa36
CRD

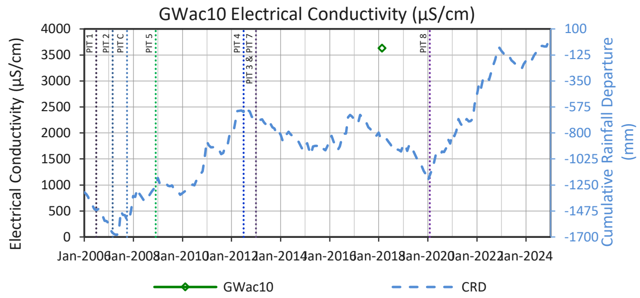

GWa36 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa36
CRD


GWa36 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa36
CRD


GWa36 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWa36
CRD


GWa36 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWa36
CRD

No Data Available for Elevation (mAHD)




No Data Available for Total Dissolved Solids mg/L

No Data Available for Sodium mg/L

No Data Available for Potassium mg/L

No Data Available for Magnesium mg/L

No Data Available for Calcium mg/L

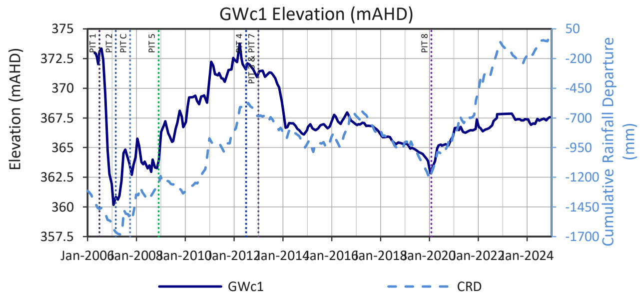
No Data Available for Chloride mg/L

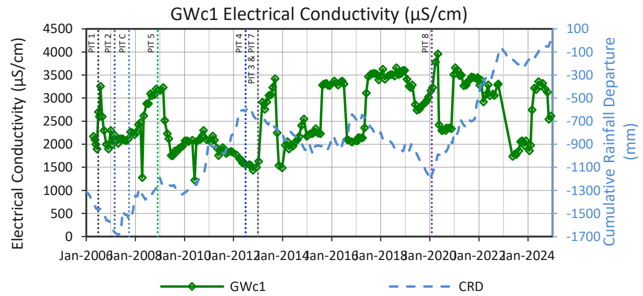
No Data Available for Bicarbonate Alkalinity as CaCO3 mg/L

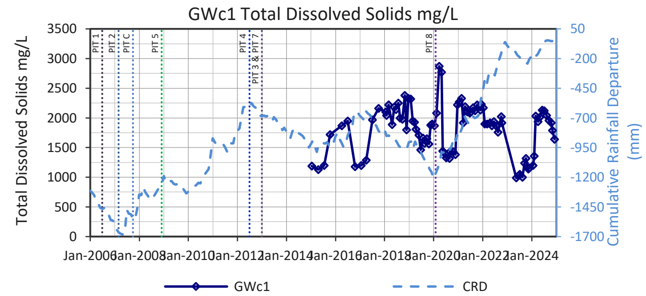
No Data Available for Carbonate Alkalinity as CaCO3 mg/L

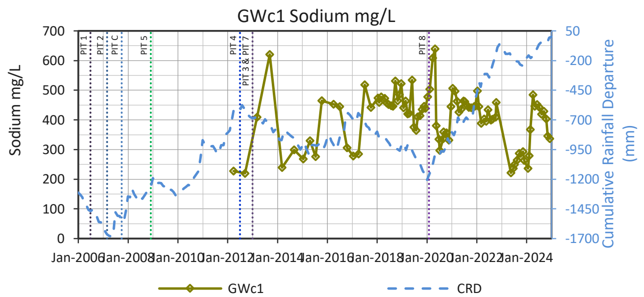
No Data Available for Hydroxide Alkalinity as CaCO3 mg/L

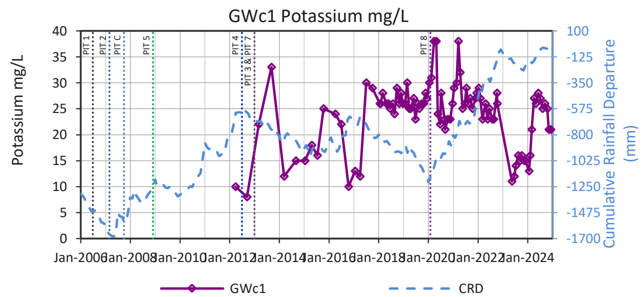
No Data Available for Sulfate mg/L

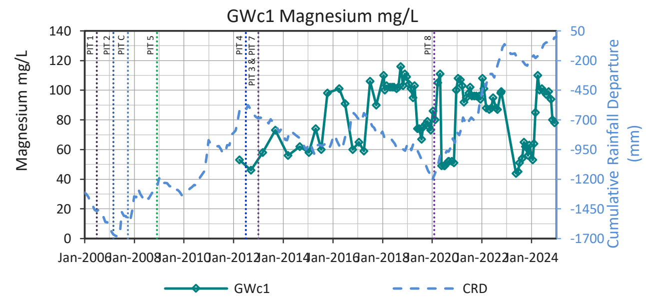

GWc1 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc1
CRD

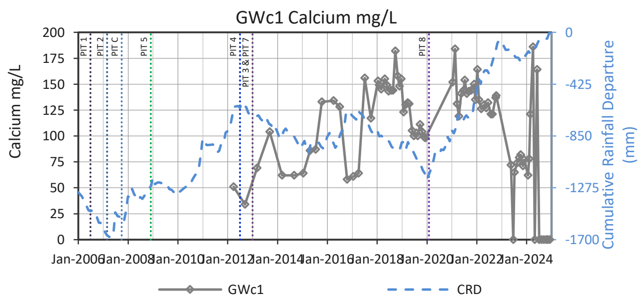

GWc1 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc1
CRD

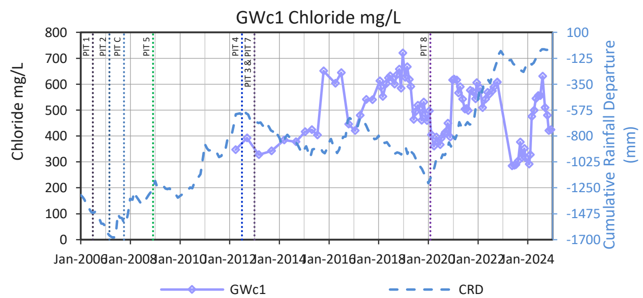

GWc1 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

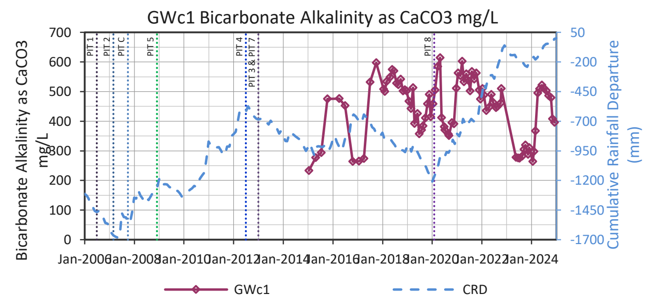

GWc1 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

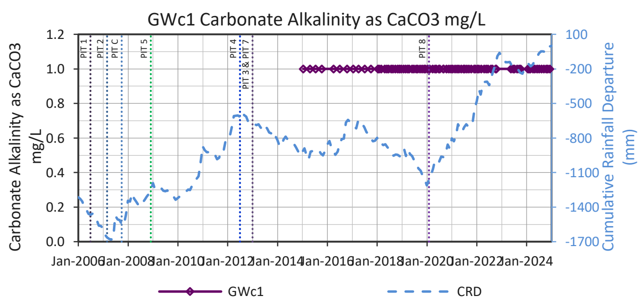

GWc1 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

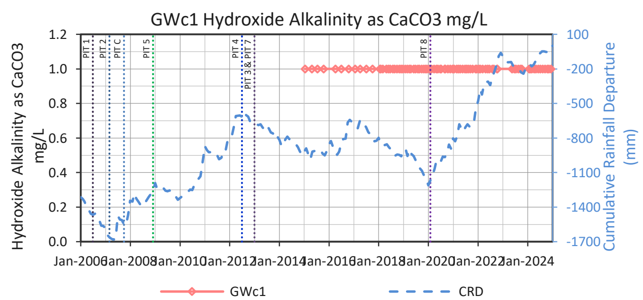

GWc1 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

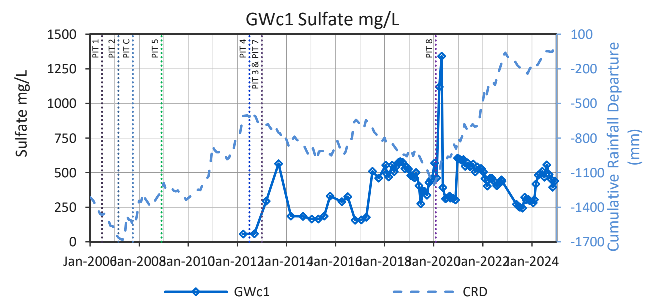

GWc1 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

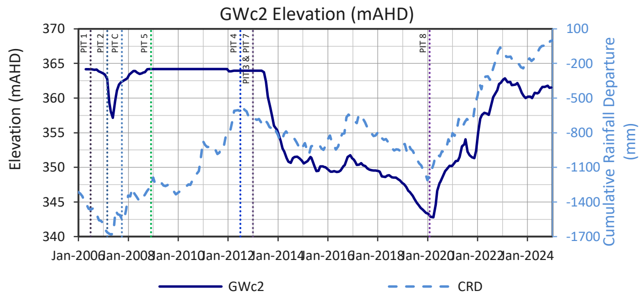

GWc1 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

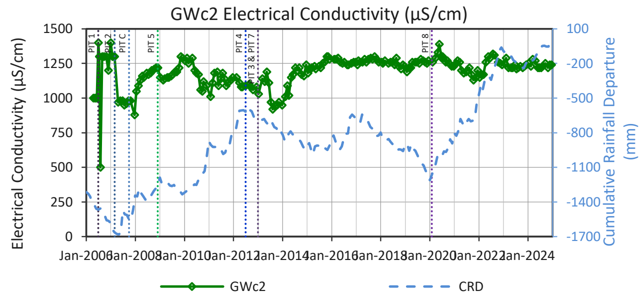

GWc1 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

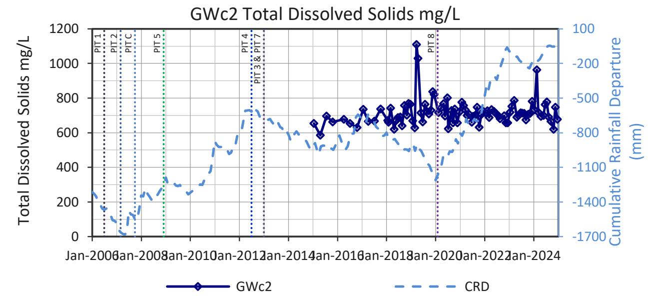

GWc1 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

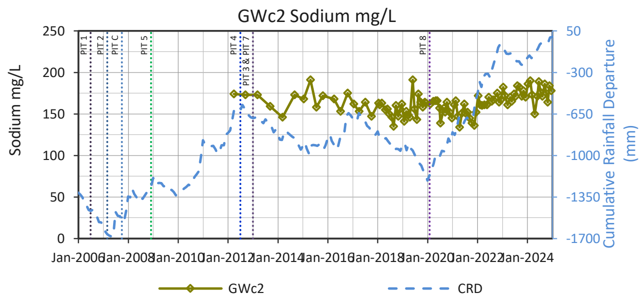

GWc1 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

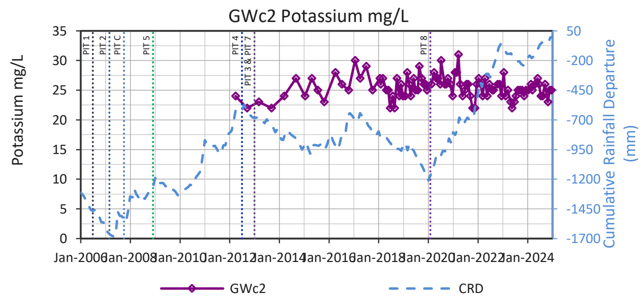

GWc1 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc1
CRD

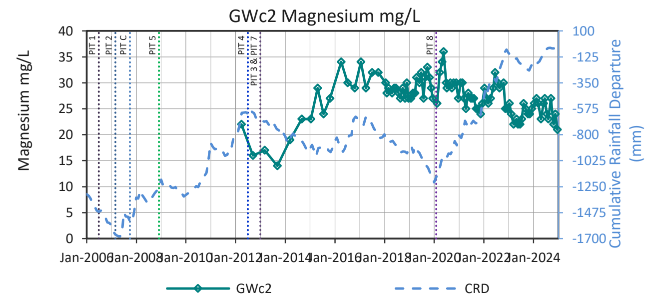

GWc2 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc2
CRD

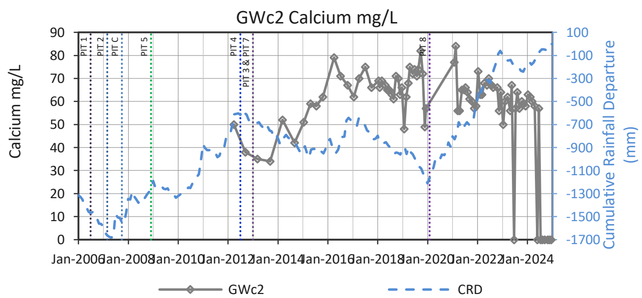

GWc2 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc2
CRD

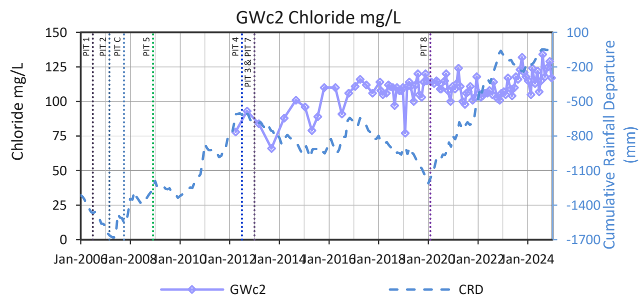

GWc2 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

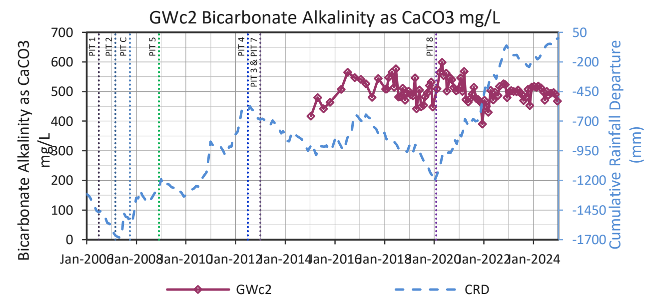

GWc2 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

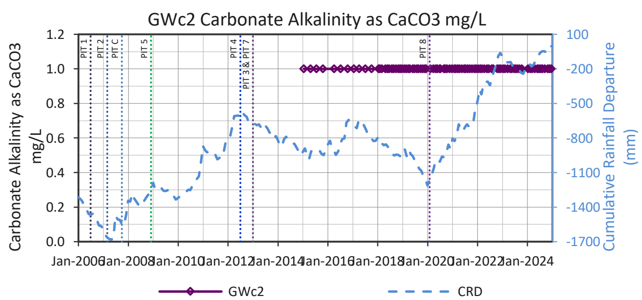

GWc2 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

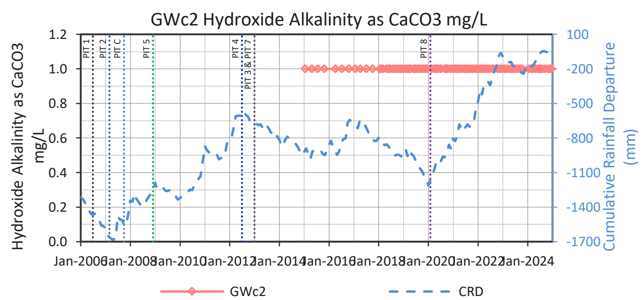

GWc2 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

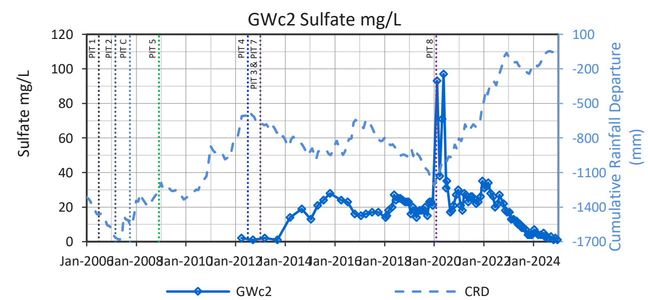

GWc2 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

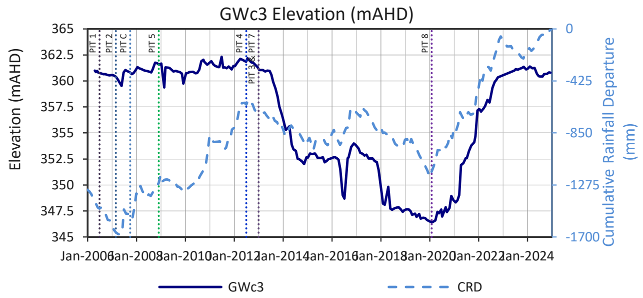

GWc2 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

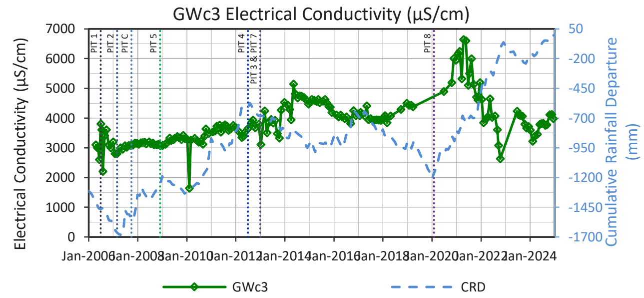

GWc2 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

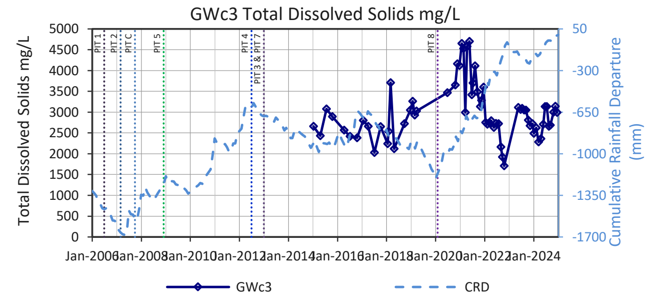

GWc2 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

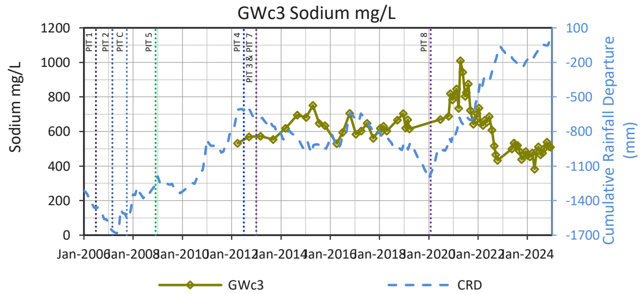

GWc2 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

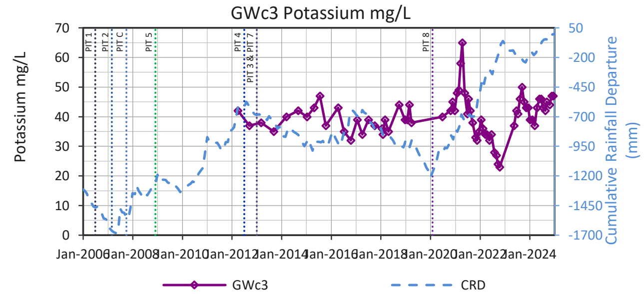

GWc2 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc2
CRD

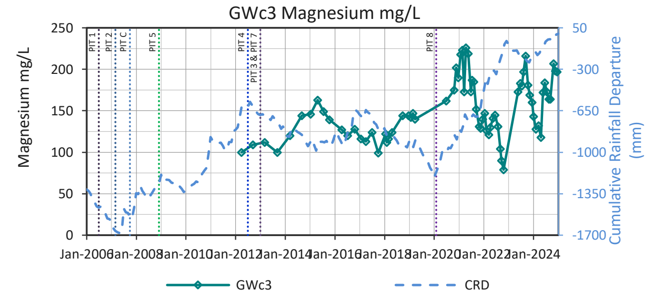

GWc3 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc3
CRD

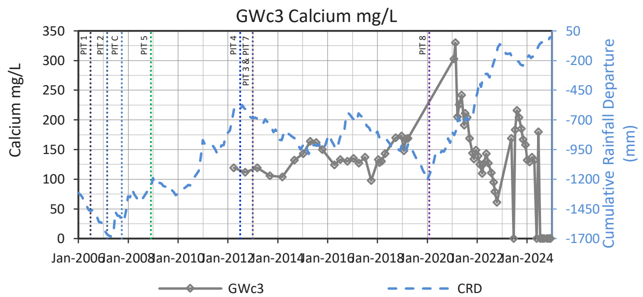

GWc3 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc3
CRD

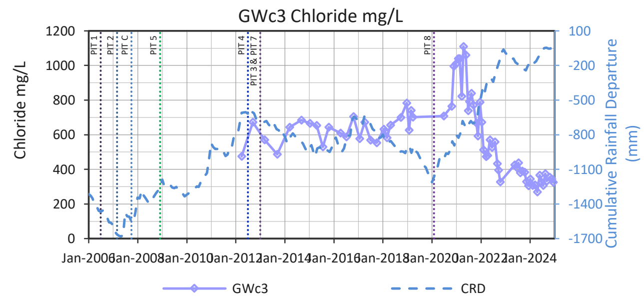

GWc3 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

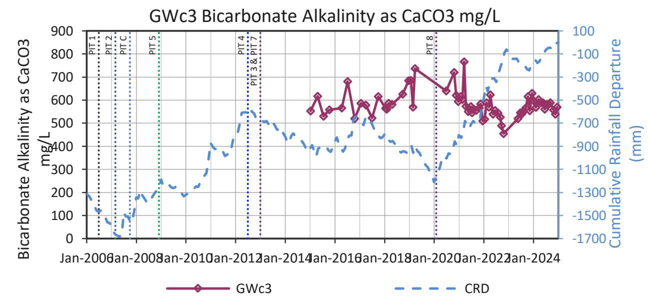

GWc3 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

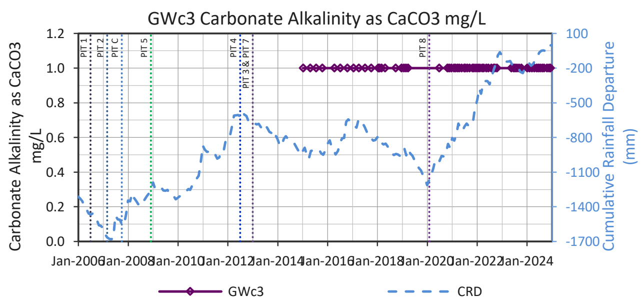

GWc3 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

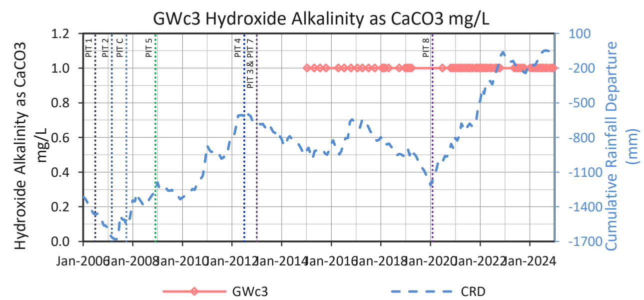

GWc3 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

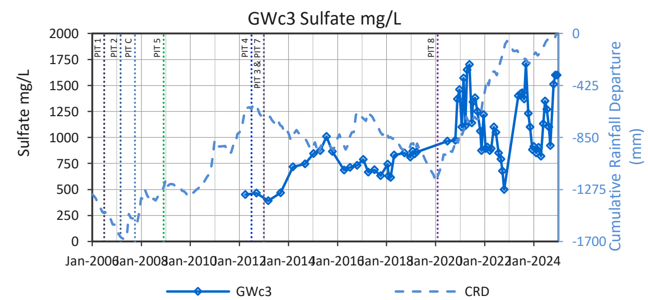

GWc3 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

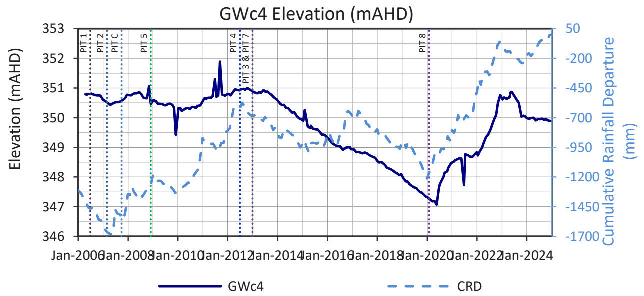

GWc3 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

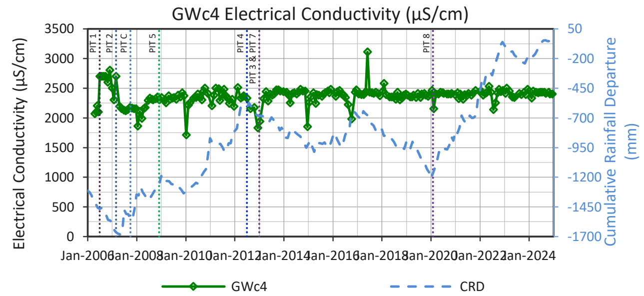

GWc3 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

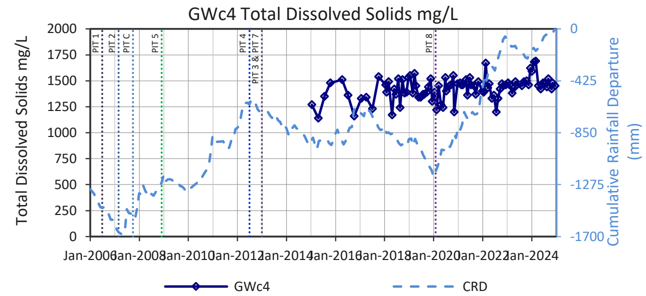

GWc3 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

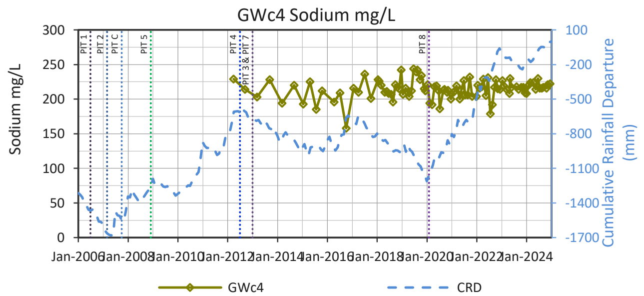

GWc3 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

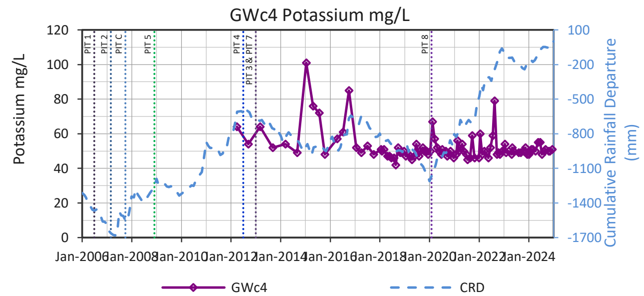

GWc3 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc3
CRD

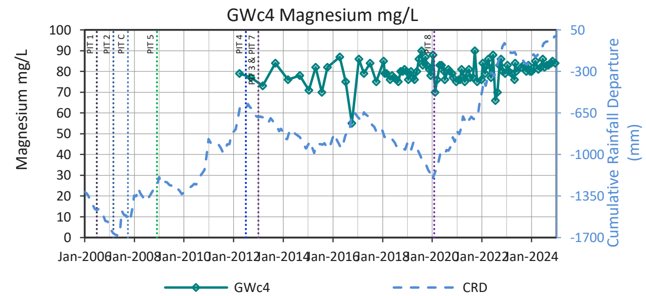

GWc4 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc4
CRD

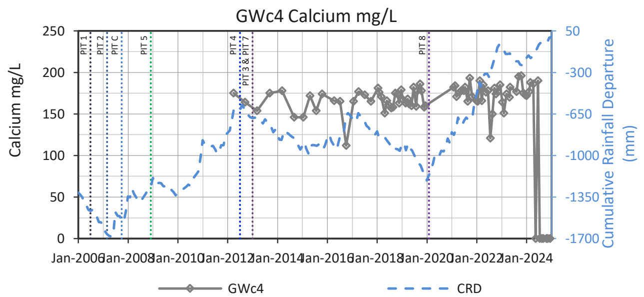

GWc4 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc4
CRD

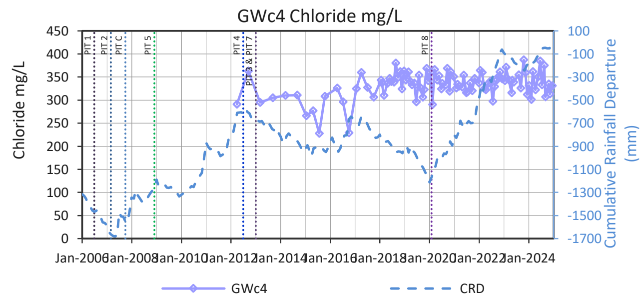

GWc4 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

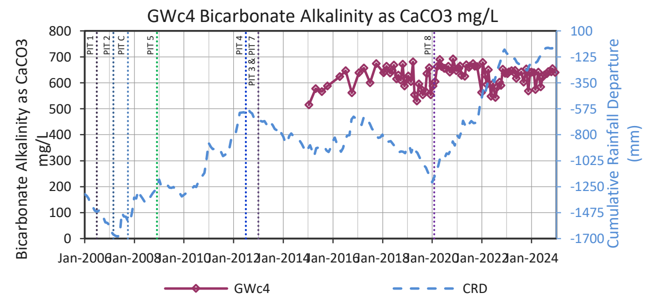

GWc4 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

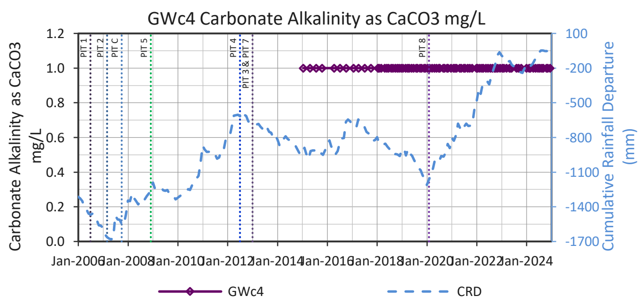

GWc4 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

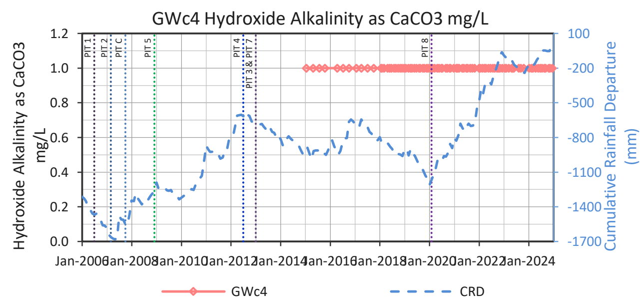

GWc4 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

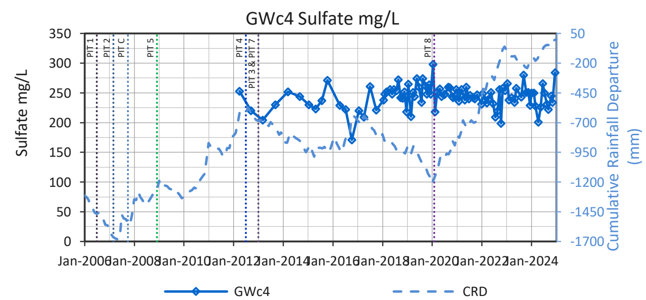

GWc4 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

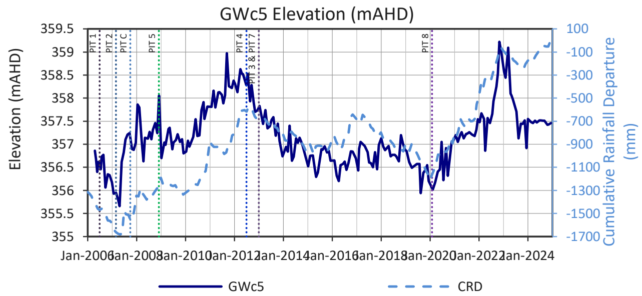

GWc4 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

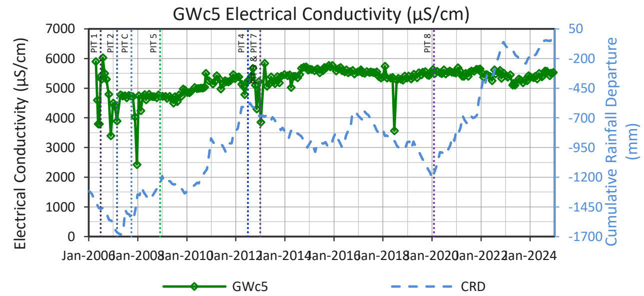

GWc4 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

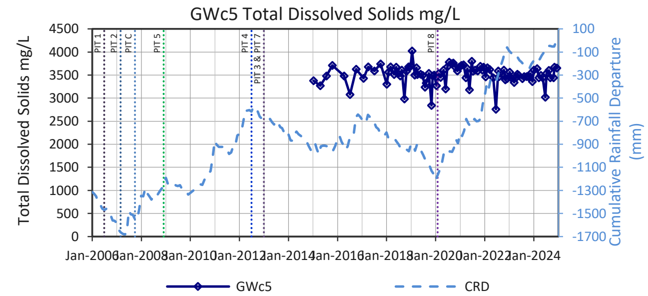

GWc4 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

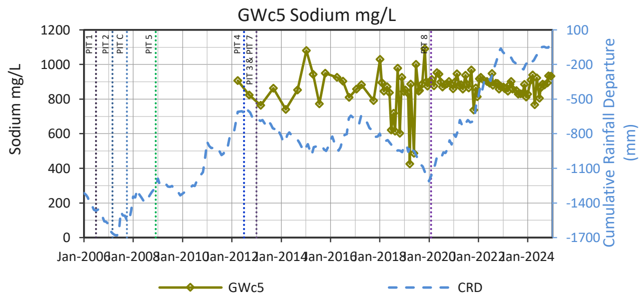

GWc4 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

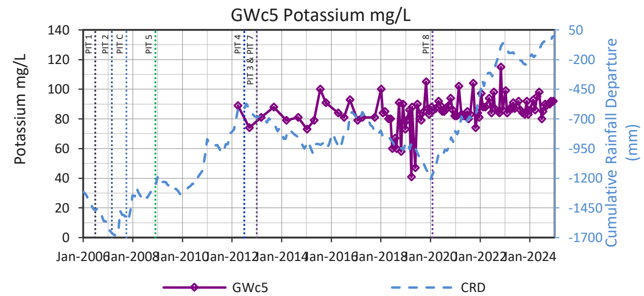

GWc4 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc4
CRD

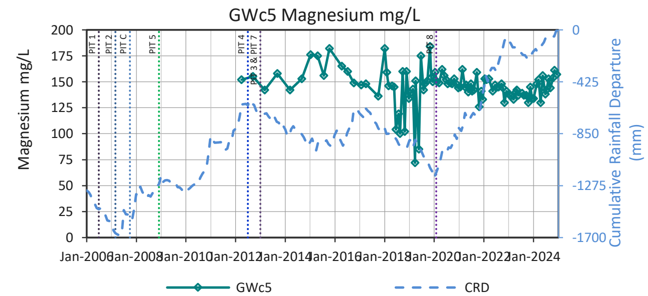

GWc5 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc5
CRD

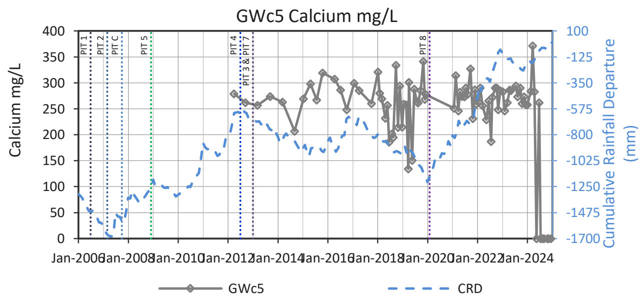

GWc5 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc5
CRD

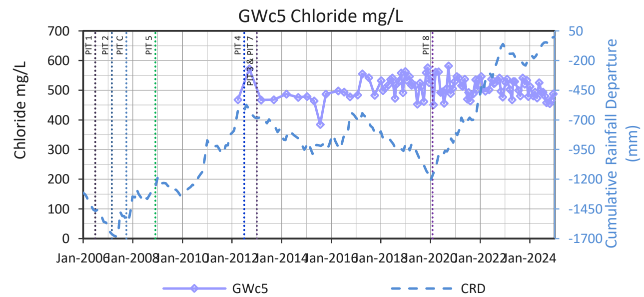

GWc5 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

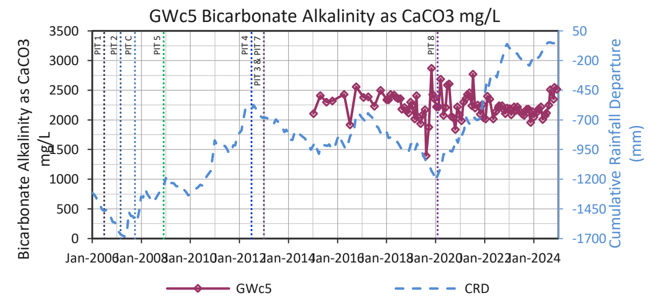

GWc5 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

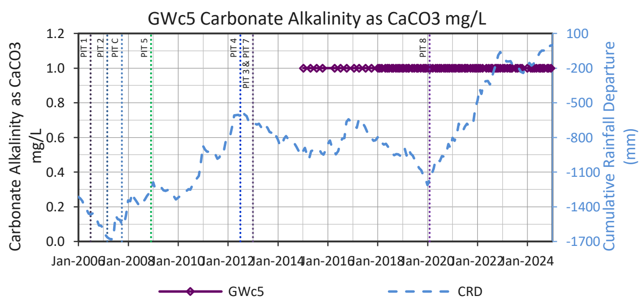

GWc5 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

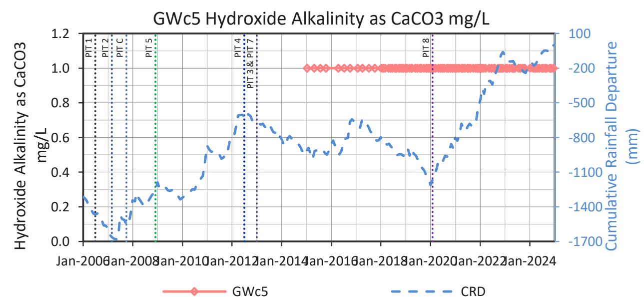

GWc5 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

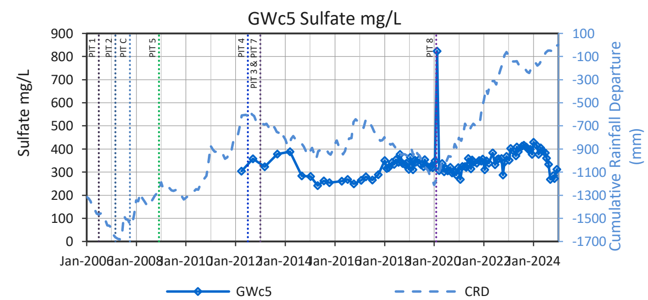

GWc5 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

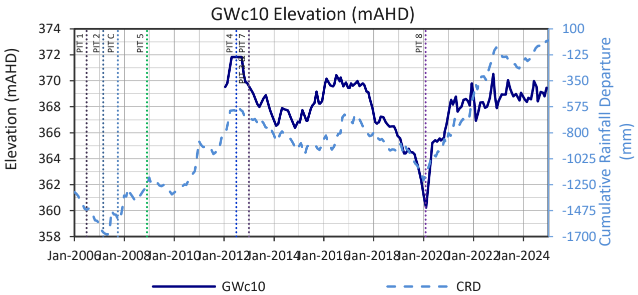

GWc5 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

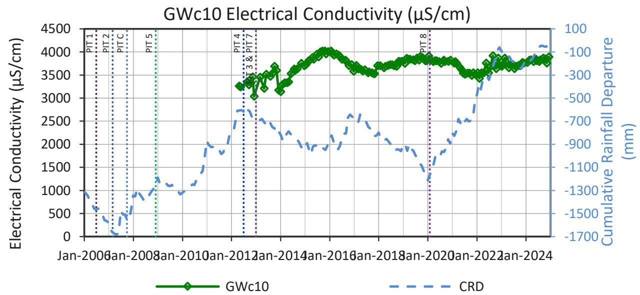

GWc5 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

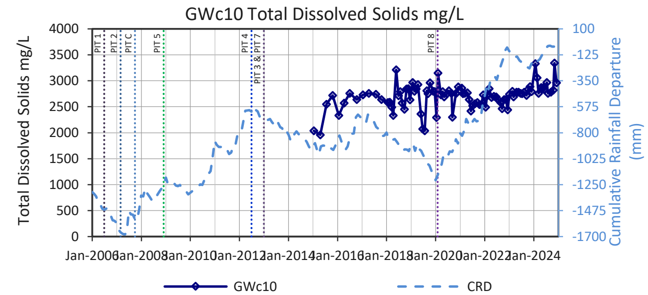

GWc5 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

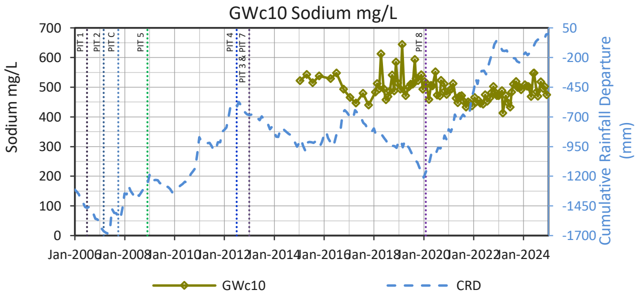

GWc5 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

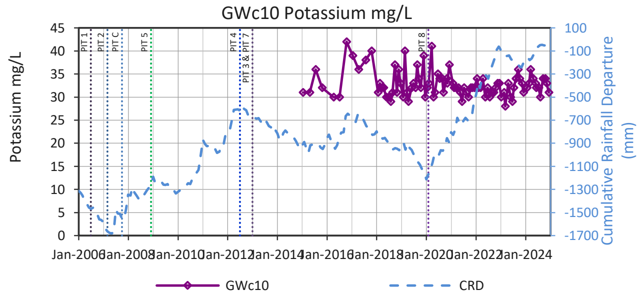

GWc5 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc5
CRD

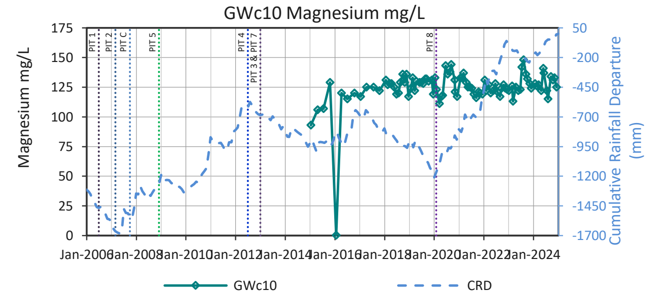

GWc10 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc10
CRD

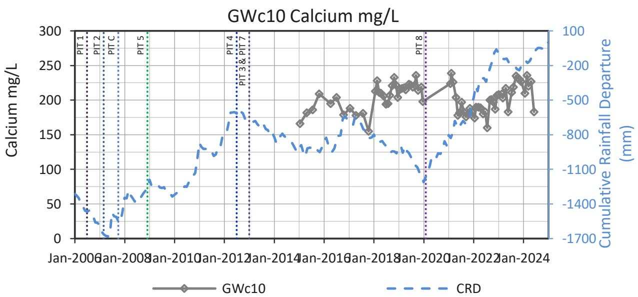

GWc10 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc10
CRD

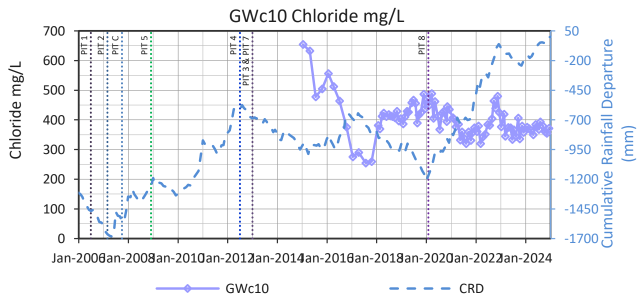

GWc10 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

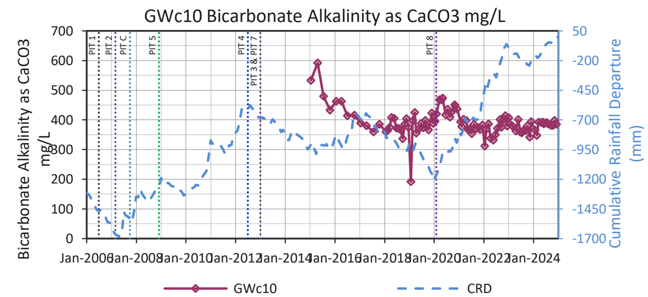

GWc10 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

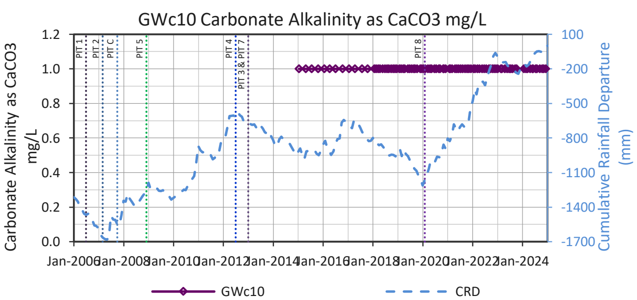

GWc10 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

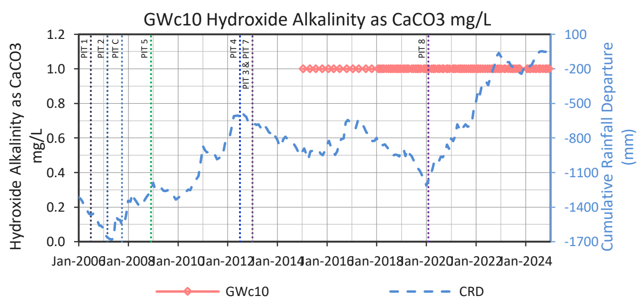

GWc10 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

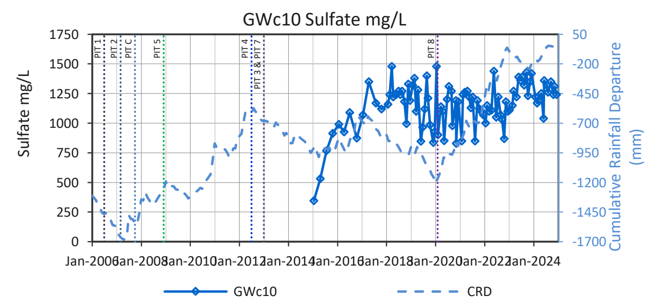

GWc10 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD


GWc10 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

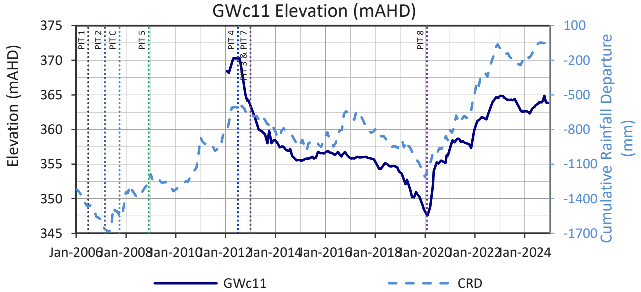

GWc10 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD


GWc10 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

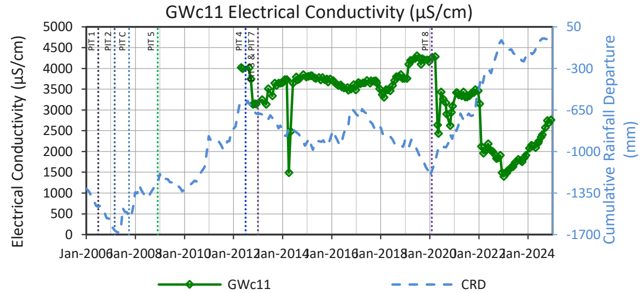

GWc10 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD


GWc10 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc10
CRD

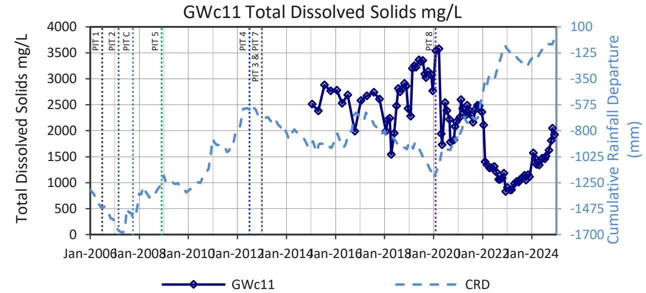
GWc11 Elevation (mAHD)



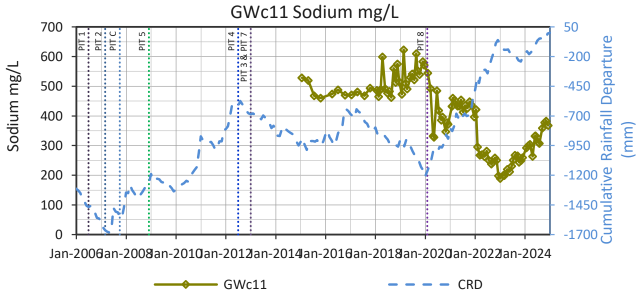

GWc11 Electrical Conductivity (µS/cm)



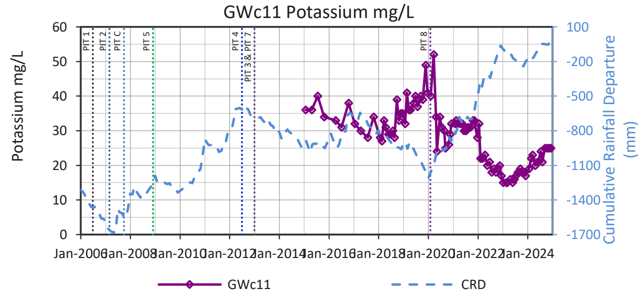

GWc11 Total Dissolved Solids mg/L



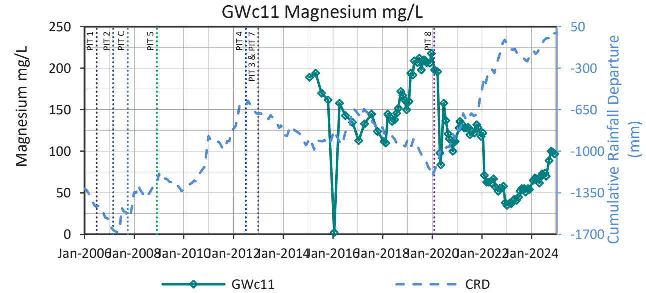

GWc11 Sodium mg/L



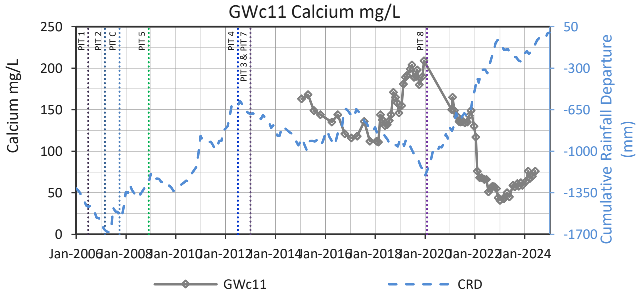

GWc11 Potassium mg/L



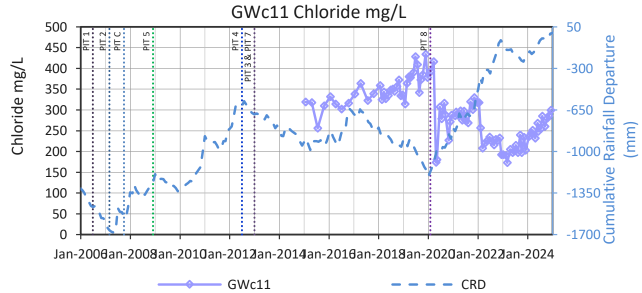

GWc11 Magnesium mg/L



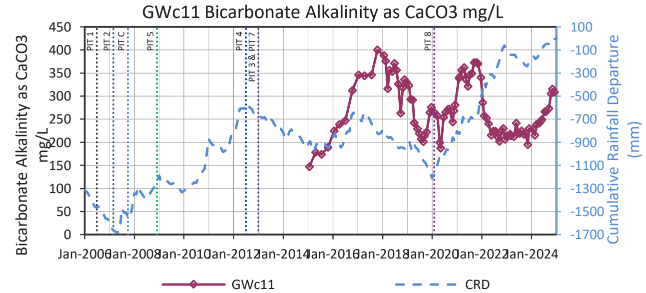

GWc11 Calcium mg/L



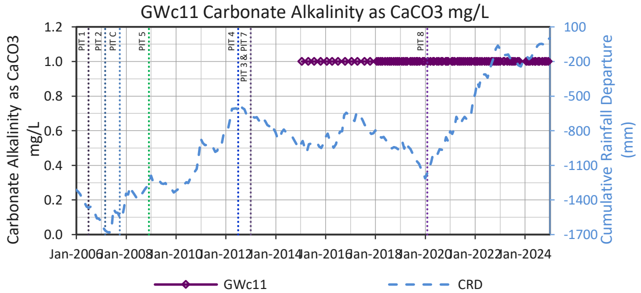

GWc11 Chloride mg/L



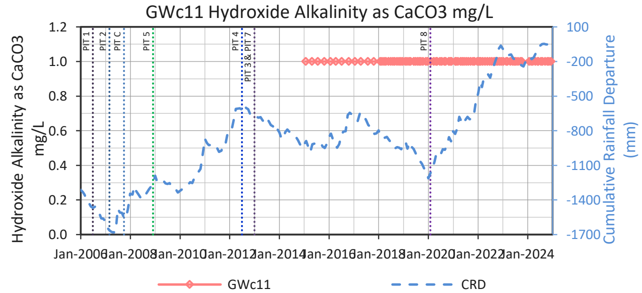

GWc11 Bicarbonate Alkalinity as CaCO3 mg/L



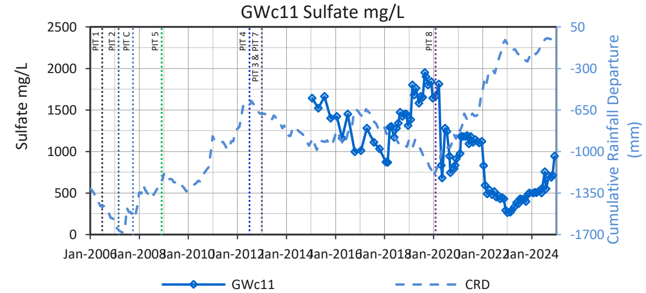

GWc11 Carbonate Alkalinity as CaCO3 mg/L

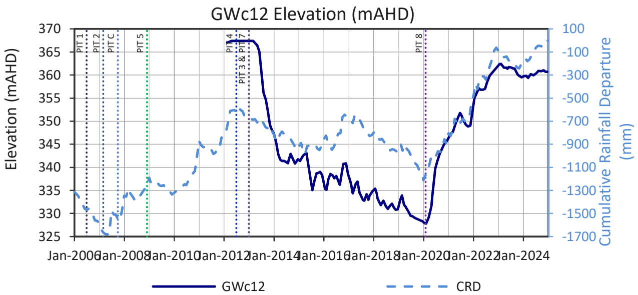


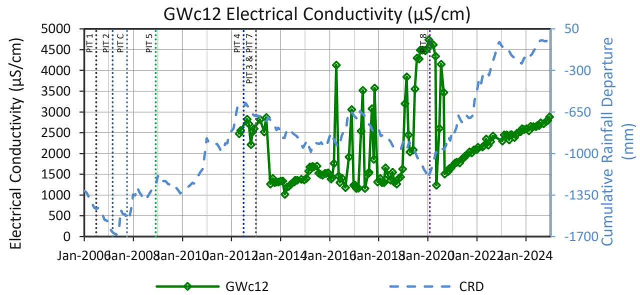

GWc11 Hydroxide Alkalinity as CaCO3 mg/L

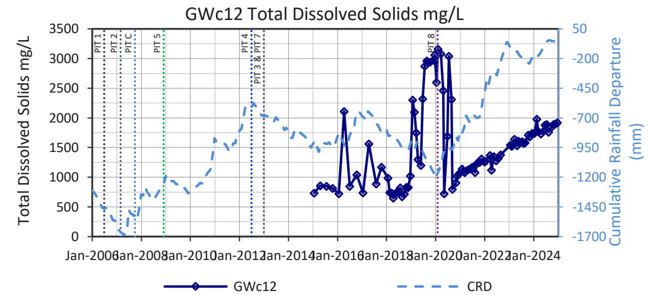


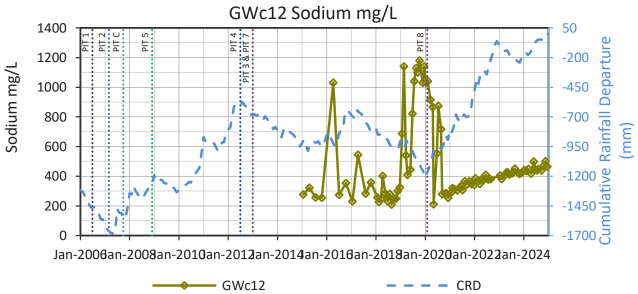

GWc11 Sulfate mg/L

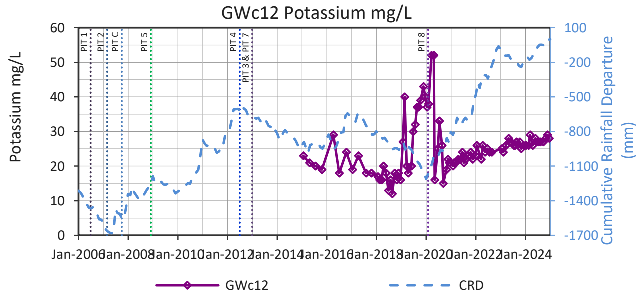


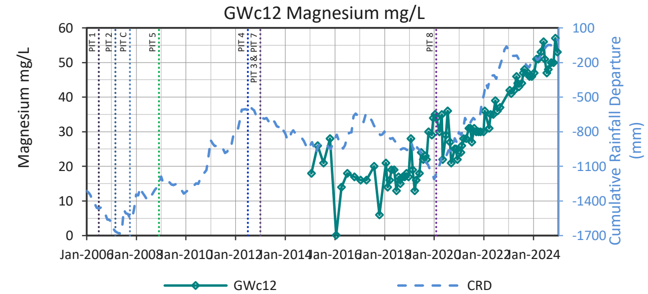

GWc12 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc12
CRD

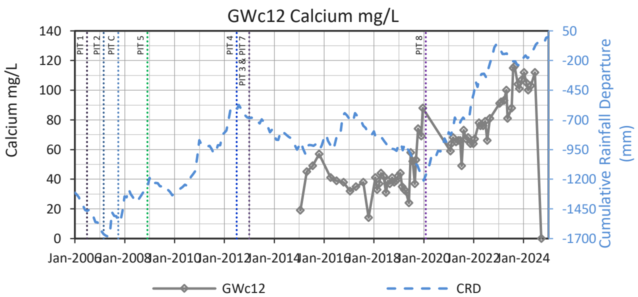

GWc12 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc12
CRD

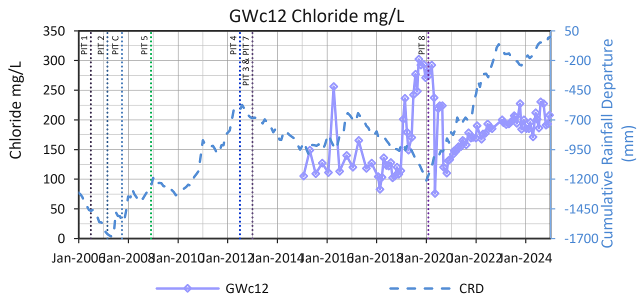

GWc12 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

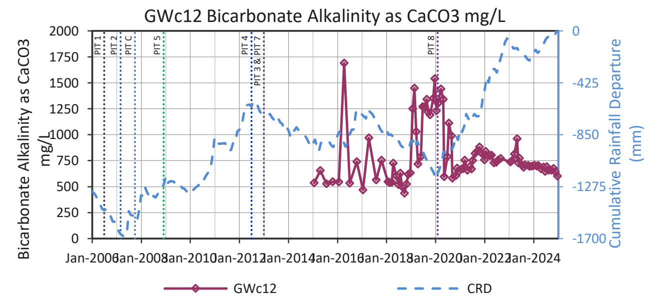

GWc12 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

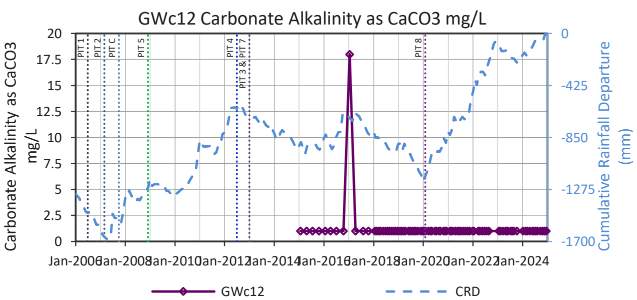

GWc12 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

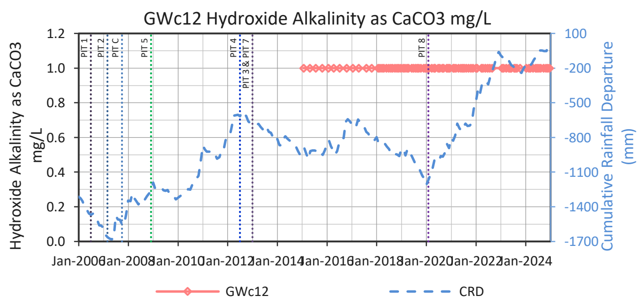

GWc12 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

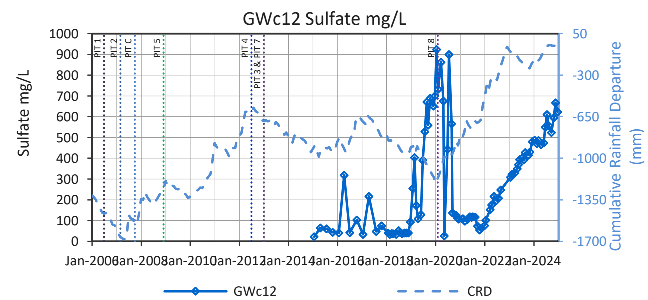

GWc12 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

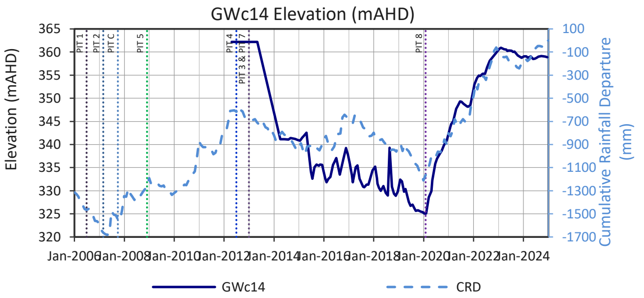

GWc12 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

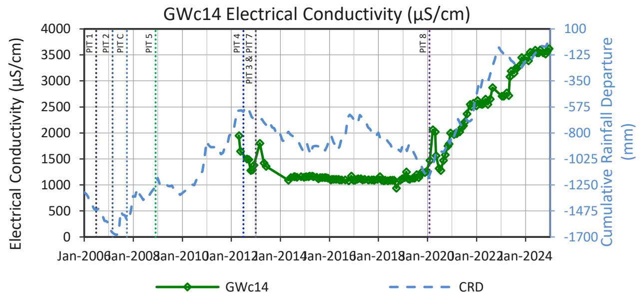

GWc12 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

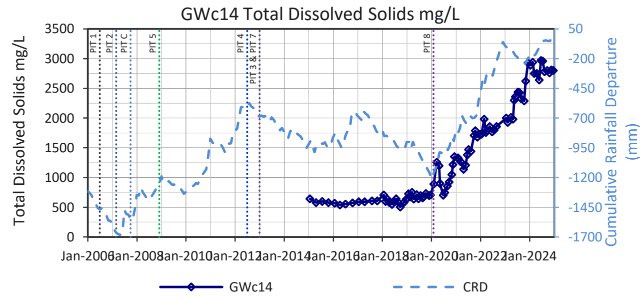

GWc12 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

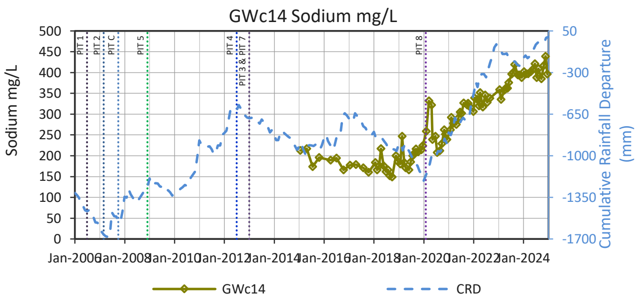

GWc12 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

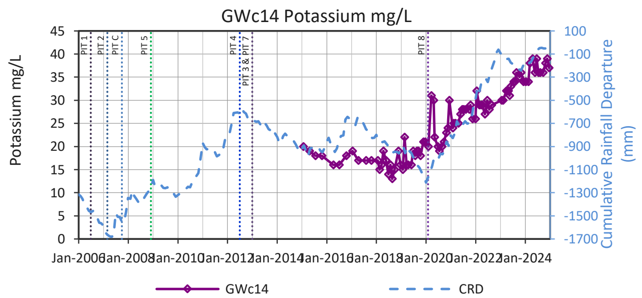

GWc12 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc12
CRD

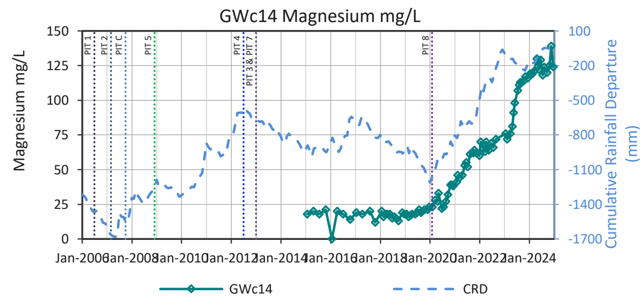

GWc14 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc14
CRD

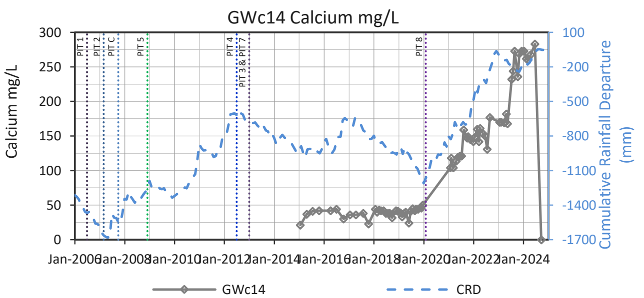

GWc14 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc14
CRD

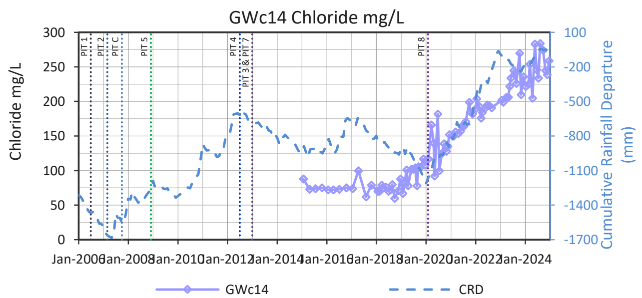

GWc14 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

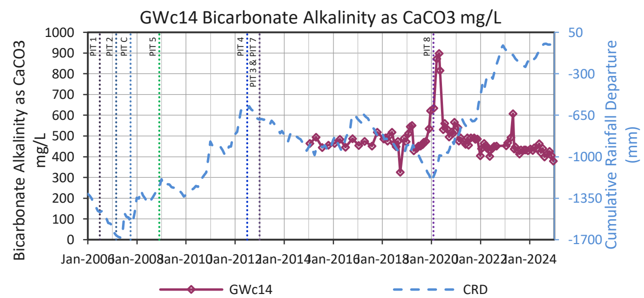

GWc14 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

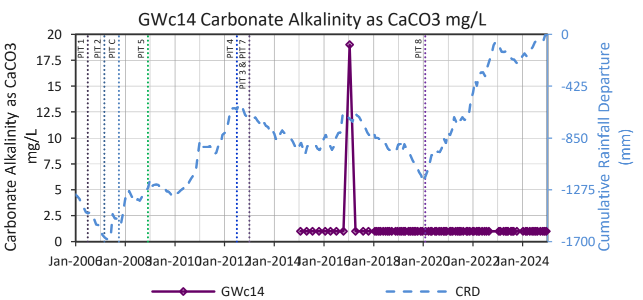

GWc14 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

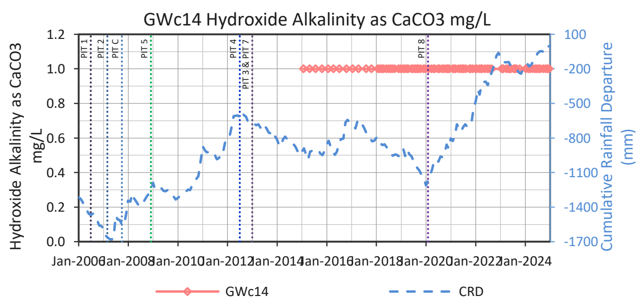

GWc14 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

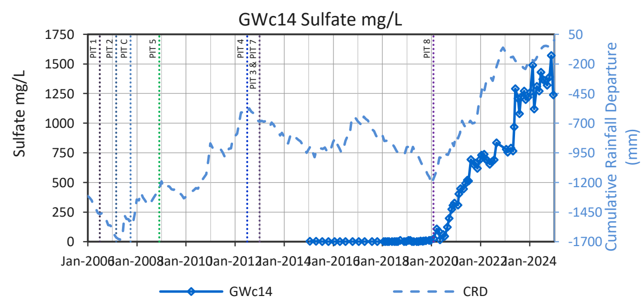

GWc14 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

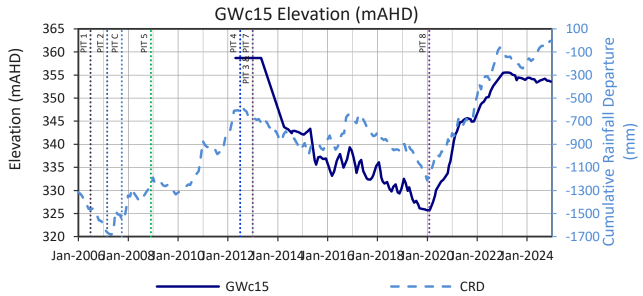

GWc14 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

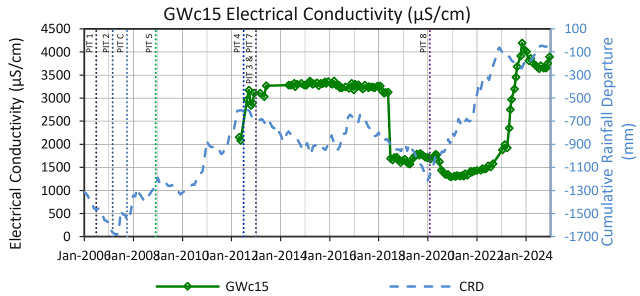

GWc14 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

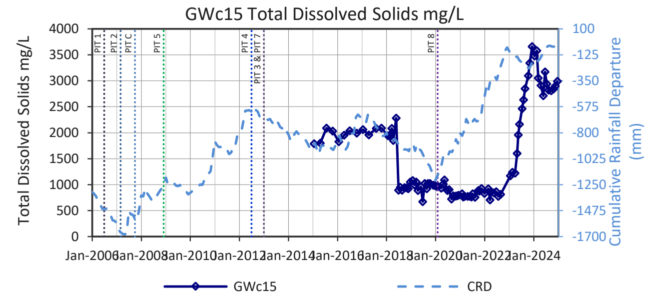

GWc14 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

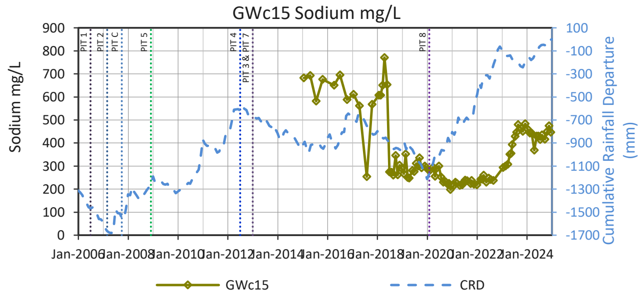

GWc14 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

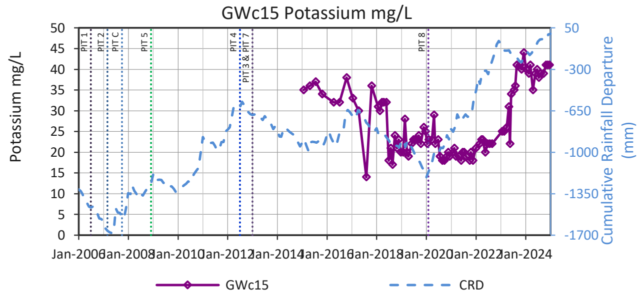

GWc14 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc14
CRD

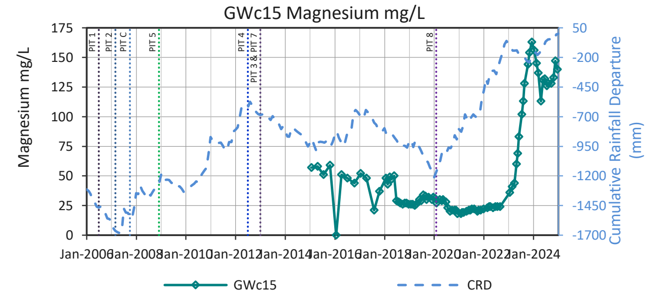

GWc15 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc15
CRD

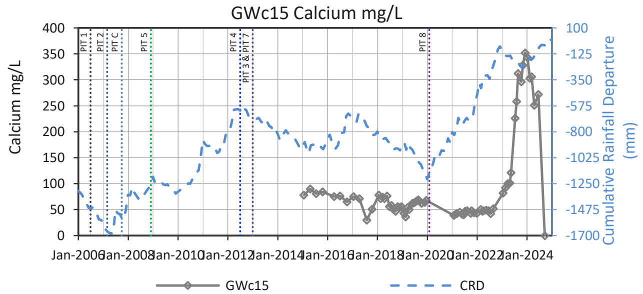

GWc15 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc15
CRD

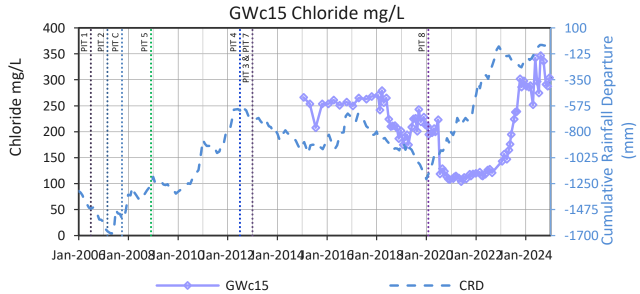

GWc15 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

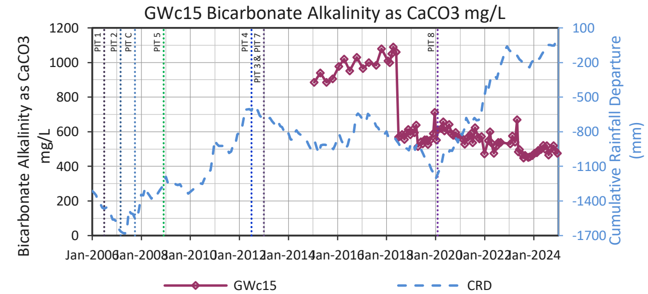

GWc15 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

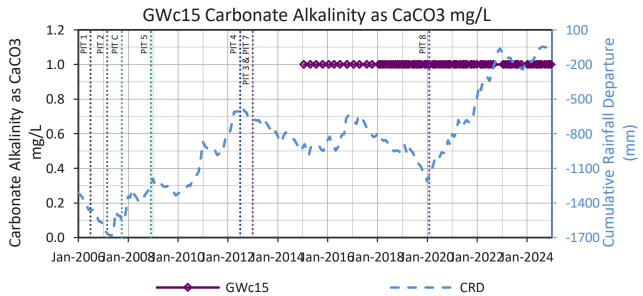

GWc15 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

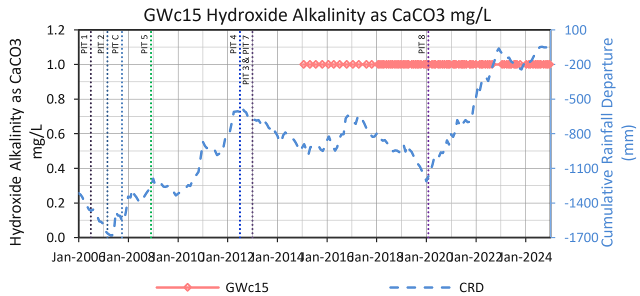

GWc15 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

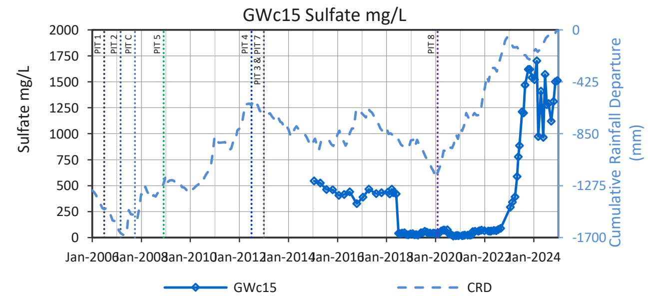

GWc15 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

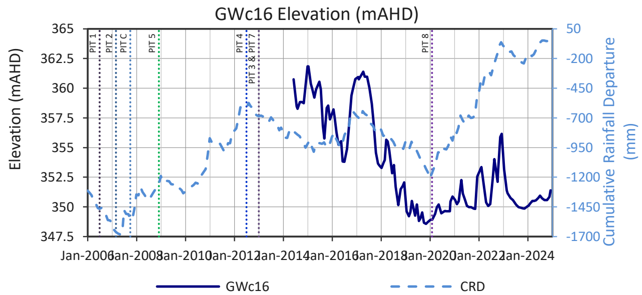

GWc15 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

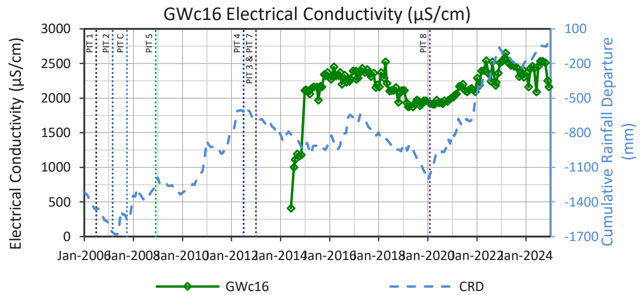

GWc15 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

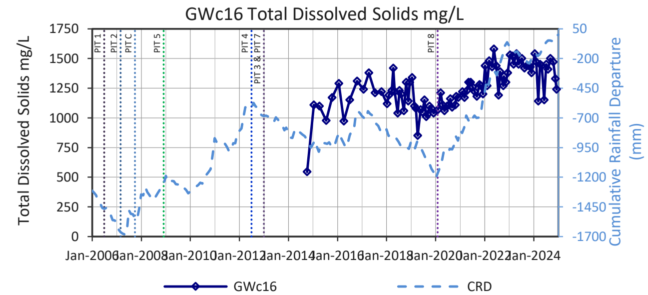

GWc15 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

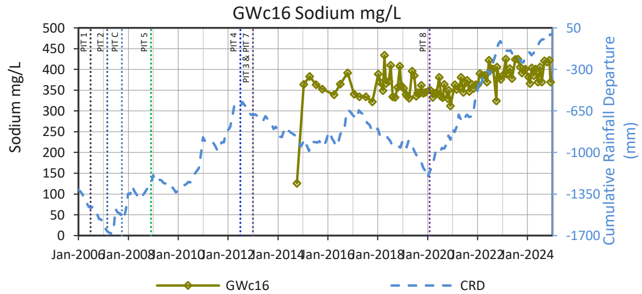

GWc15 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

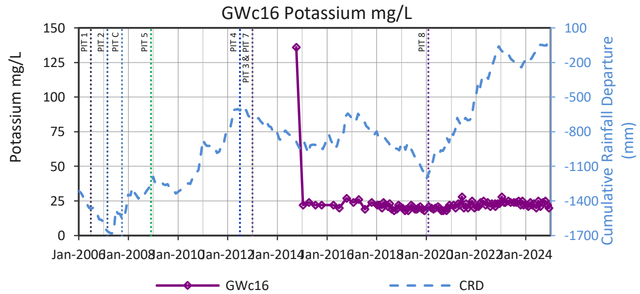

GWc15 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc15
CRD

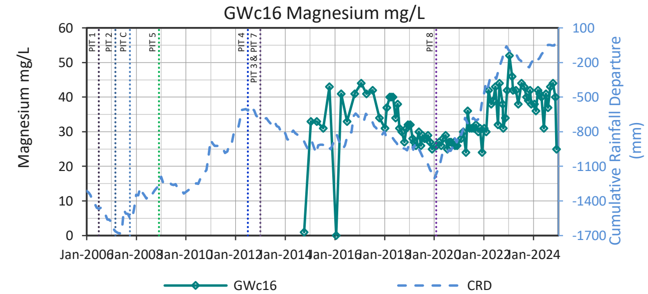

GWc16 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc16
CRD

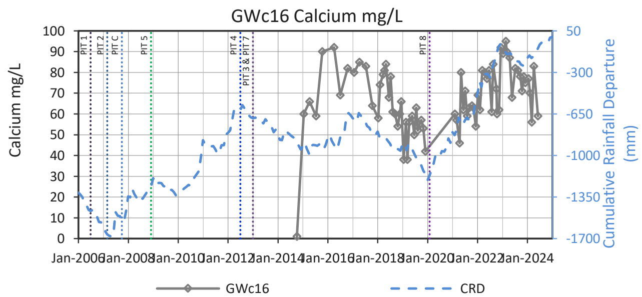

GWc16 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc16
CRD

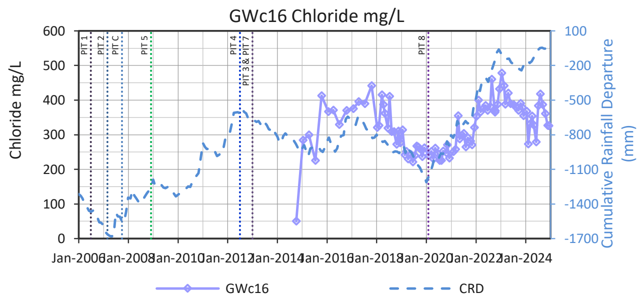

GWc16 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

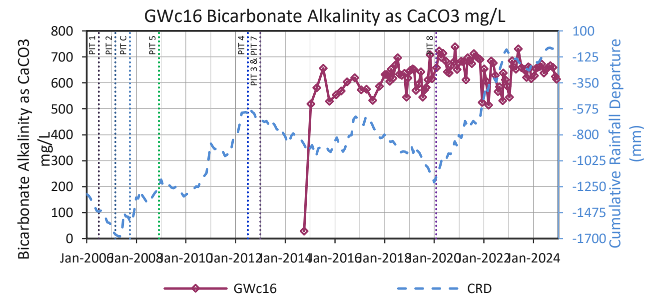

GWc16 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

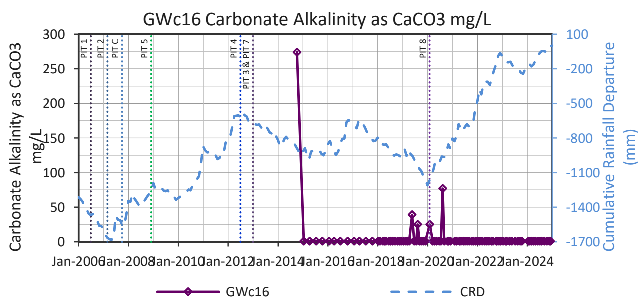

GWc16 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

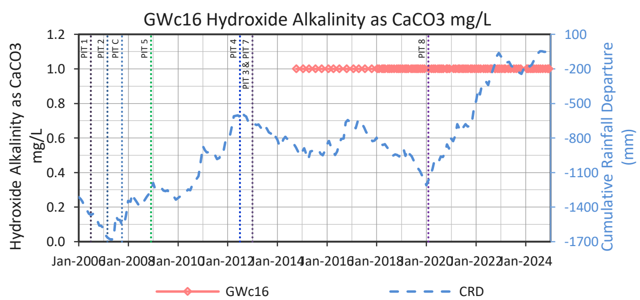

GWc16 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

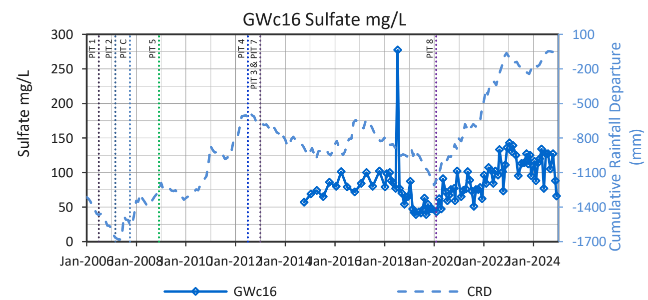

GWc16 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

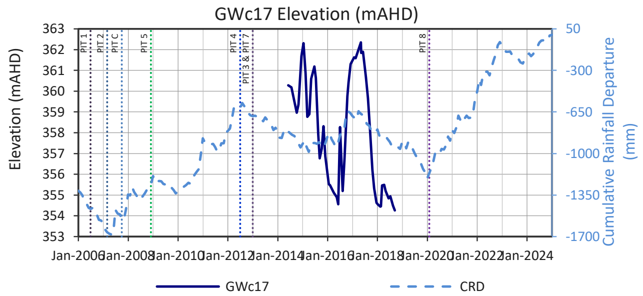

GWc16 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

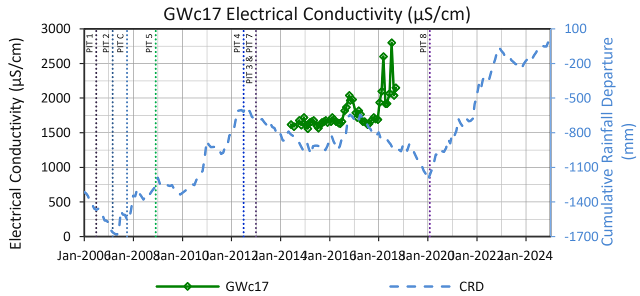

GWc16 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

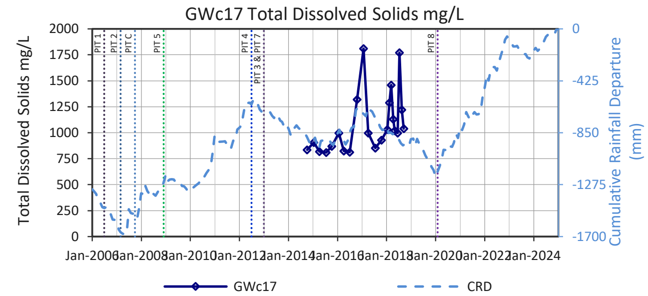

GWc16 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

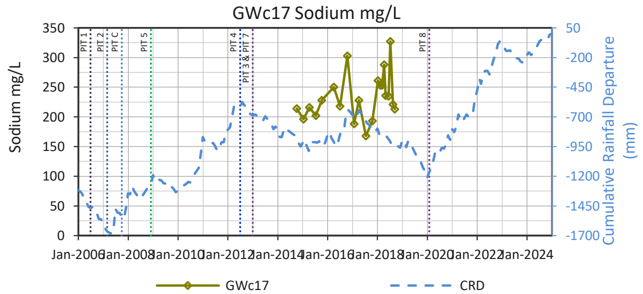

GWc16 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

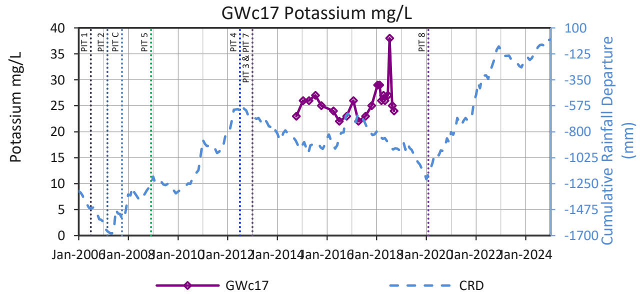

GWc16 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc16
CRD

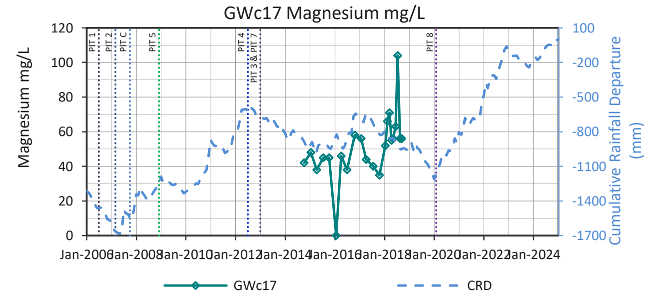

GWc17 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc17
CRD

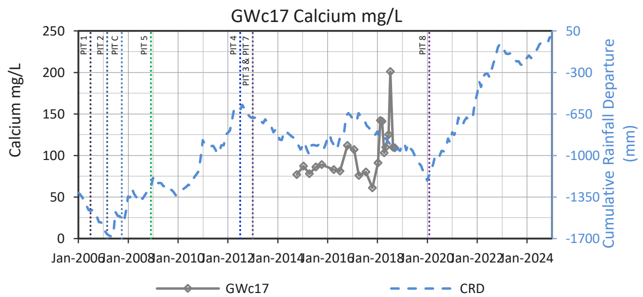

GWc17 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc17
CRD

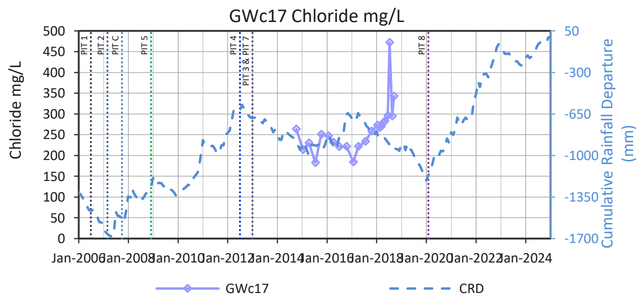

GWc17 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

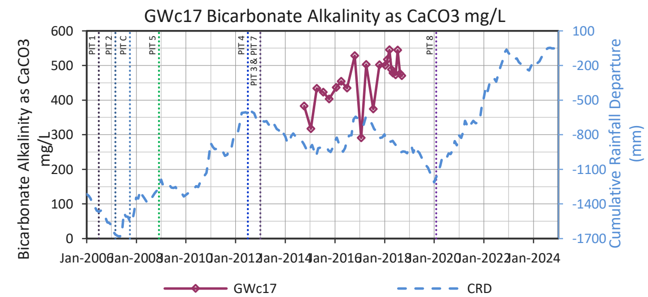

GWc17 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

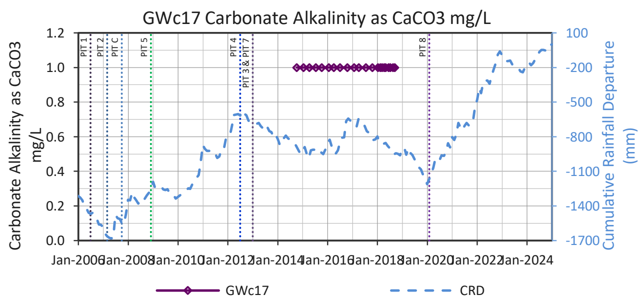

GWc17 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

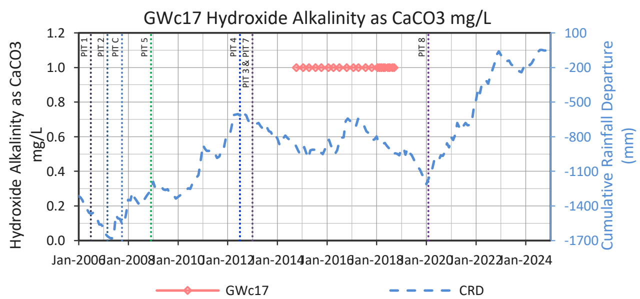

GWc17 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

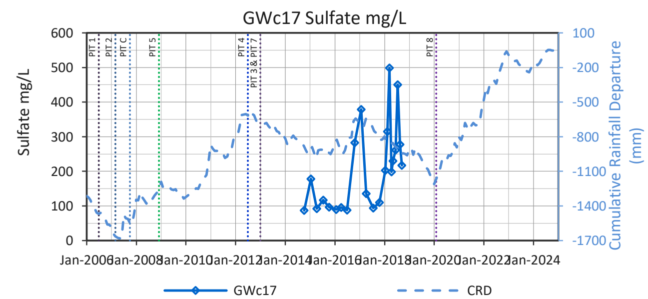

GWc17 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

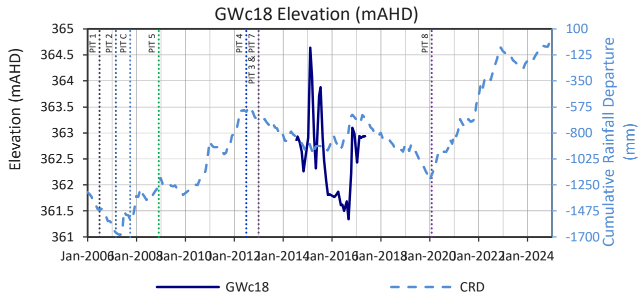

GWc17 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

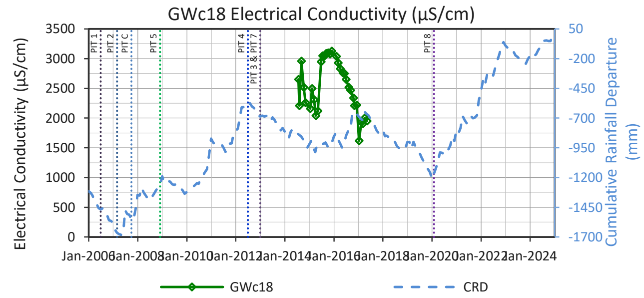

GWc17 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

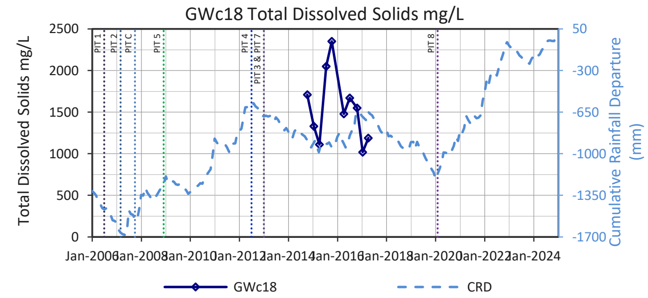

GWc17 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

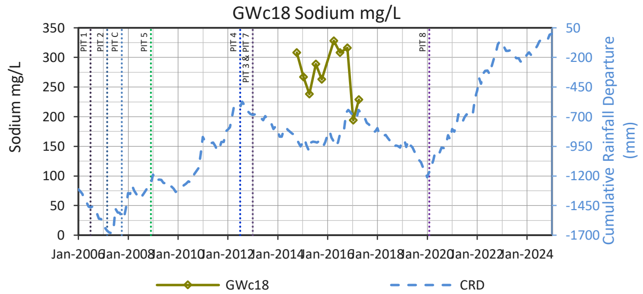

GWc17 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

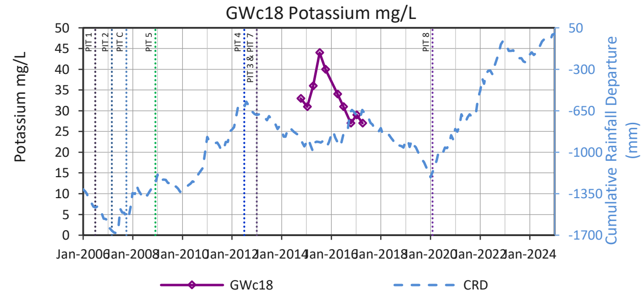

GWc17 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc17
CRD

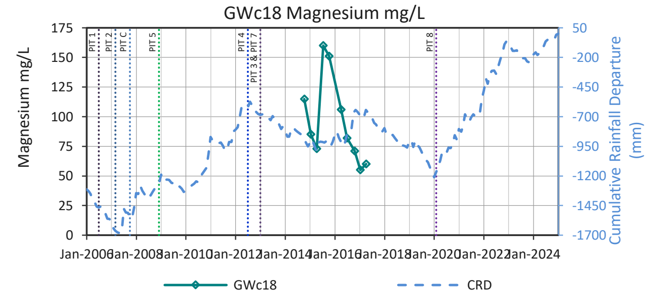

GWc18 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc18
CRD

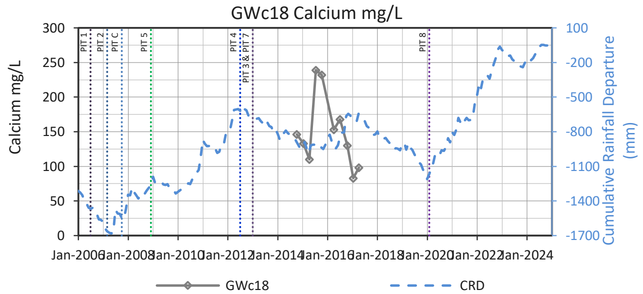

GWc18 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc18
CRD

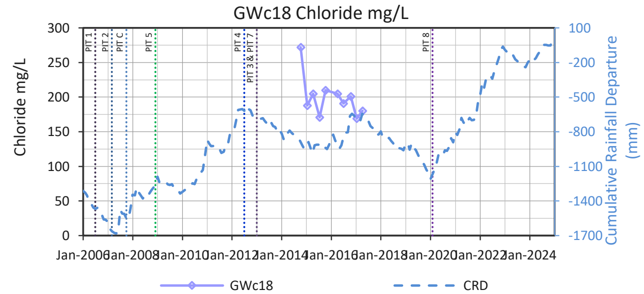

GWc18 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc18
CRD

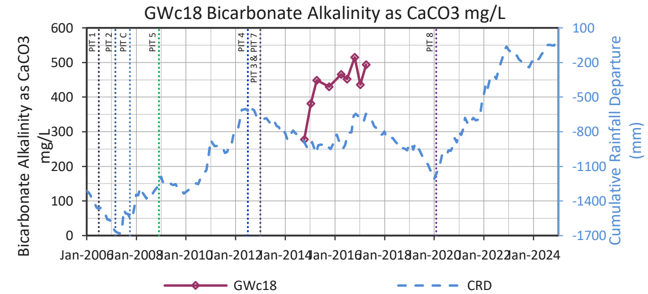

GWc18 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc18
CRD

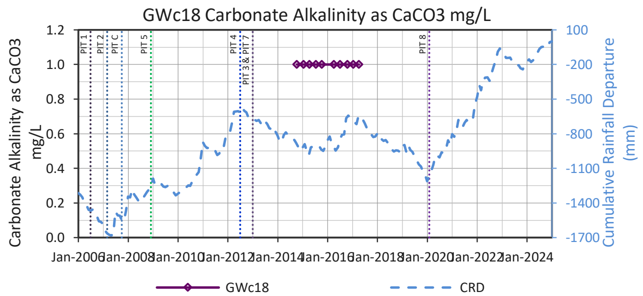

GWc18 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc18
CRD

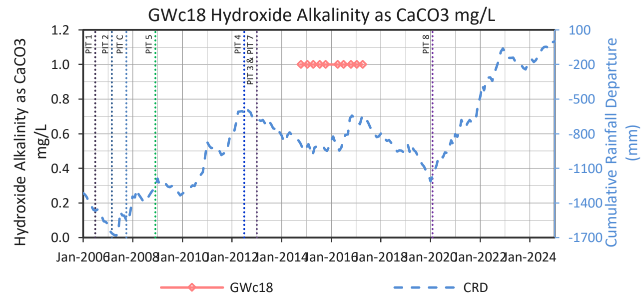

GWc18 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc18
CRD

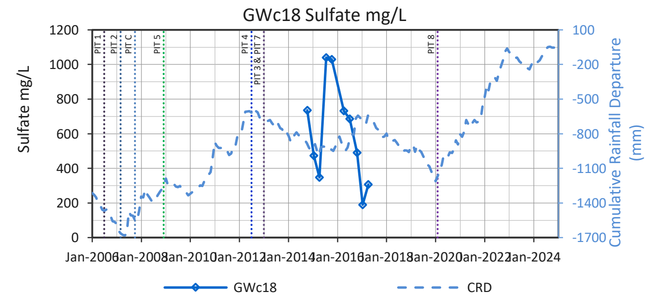

GWc18 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc18
CRD

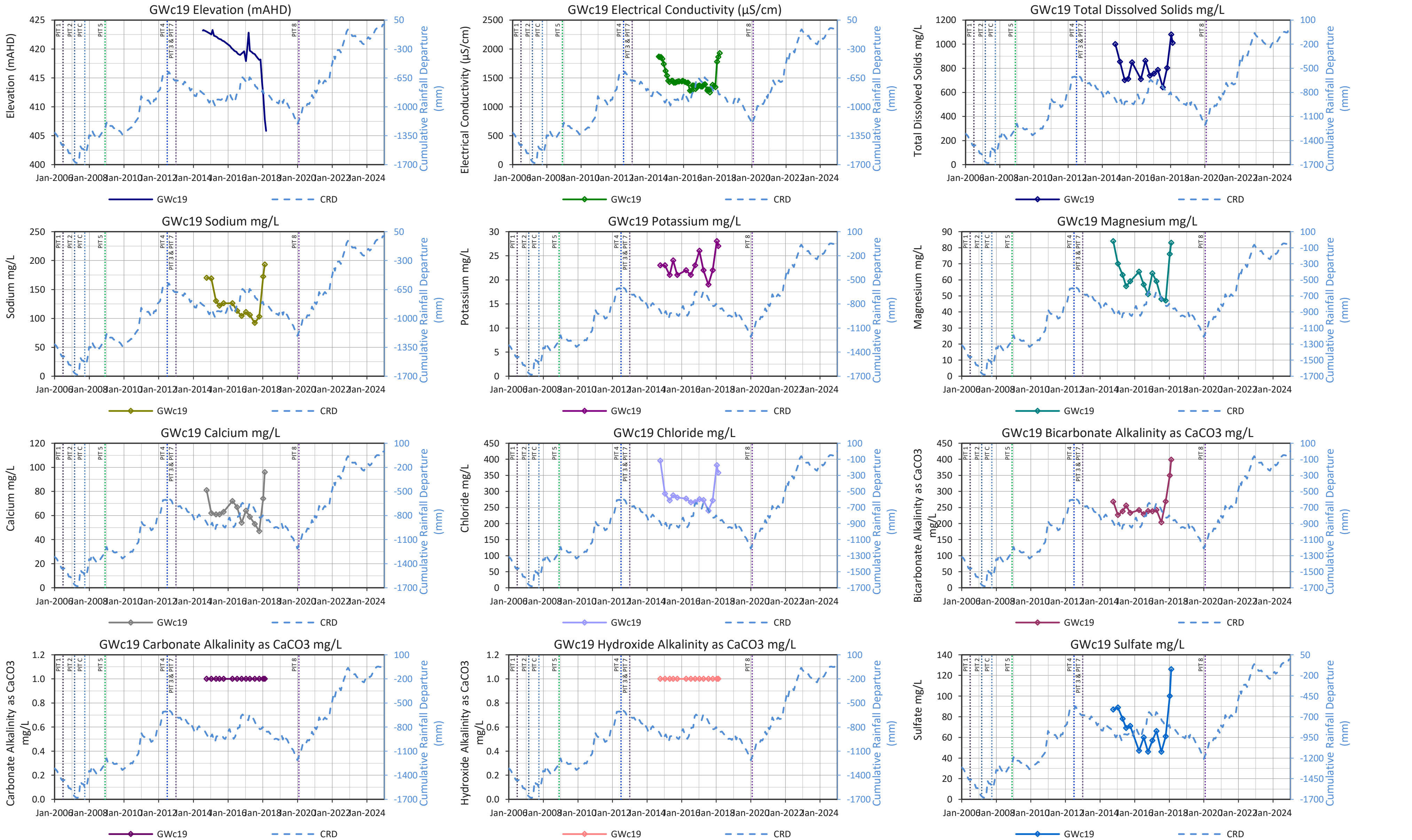

GWc18 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc18
CRD

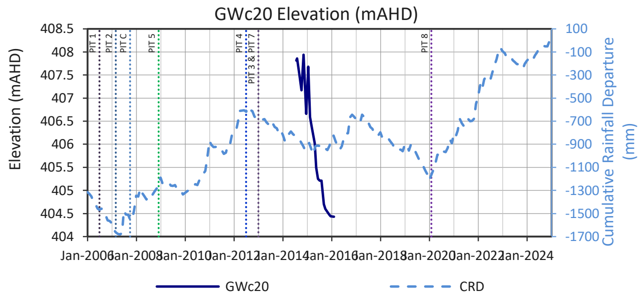

GWc18 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc18
CRD

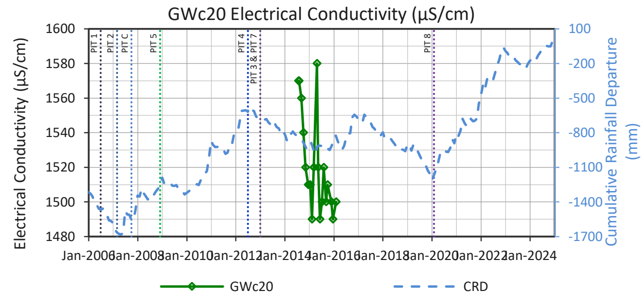

GWc18 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc18
CRD

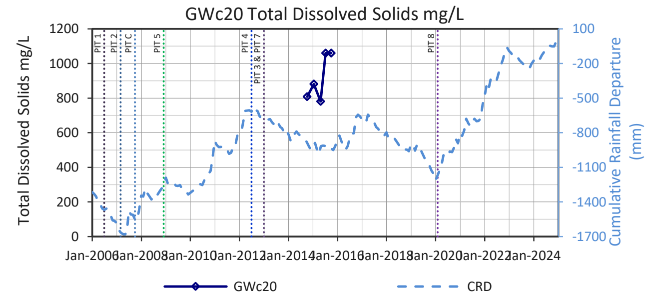

GWc18 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc18
CRD

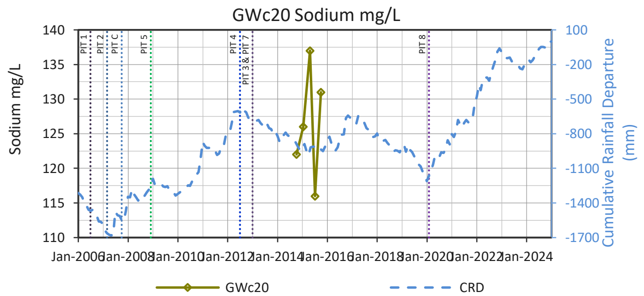

GWc18 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc18
CRD

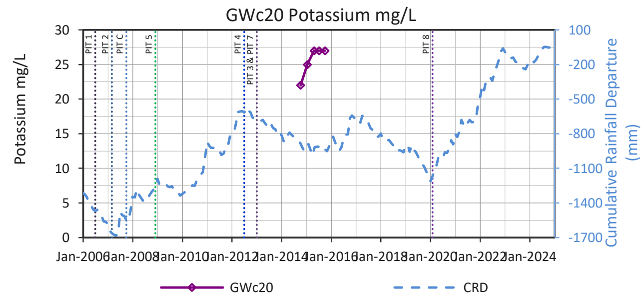

GWc19 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc19
CRD
GWc19 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
GWc19 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
GWc19 Sodium mg/L
Sodium mg/L
GWc19 Potassium mg/L
Potassium mg/L
GWc19 Magnesium mg/L
Magnesium mg/L
GWc19 Calcium mg/L
Calcium mg/L
GWc19 Chloride mg/L
Chloride mg/L
GWc19 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
GWc19 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
GWc19 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
GWc19 Sulfate mg/L
Sulfate mg/L
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Jan-2006
Jan-2008
Jan-2010
Jan-2012
Jan-2014
Jan-2016
Jan-2018
Jan-2020
Jan-2022
Jan-2024

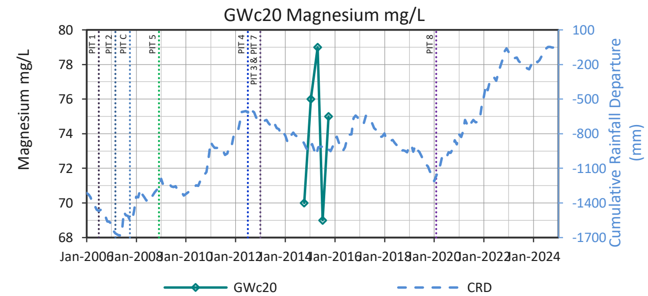

GWc20 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc20
CRD

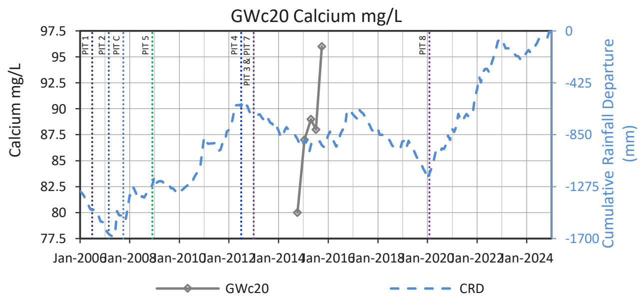

GWc20 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc20
CRD

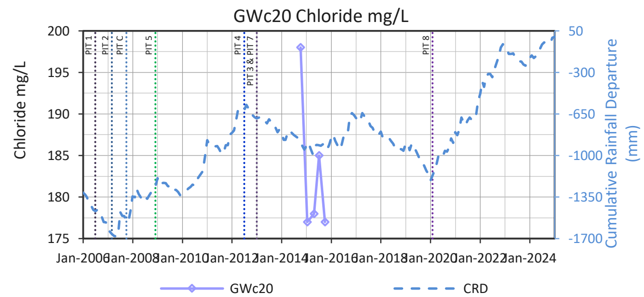

GWc20 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc20
CRD

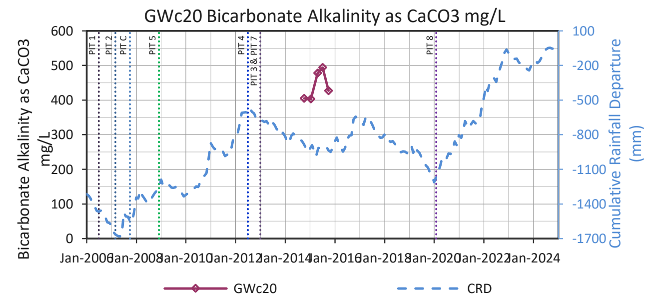

GWc20 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc20
CRD

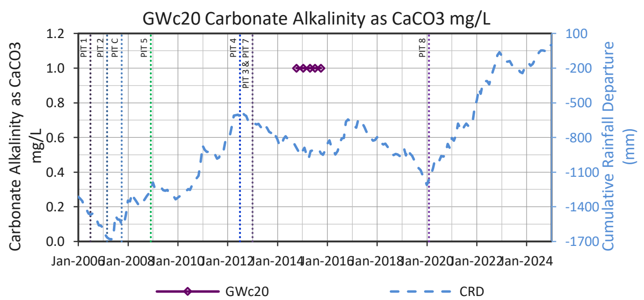

GWc20 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc20
CRD

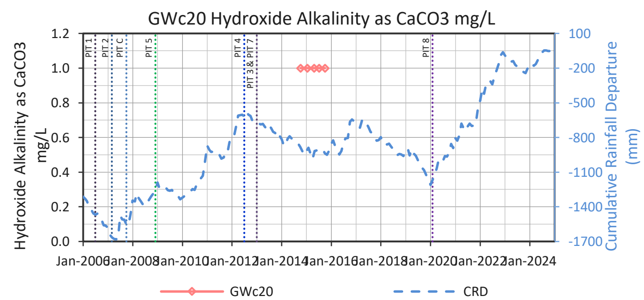

GWc20 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc20
CRD

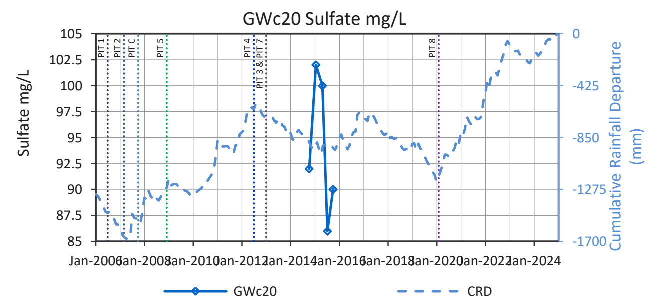

GWc20 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc20
CRD

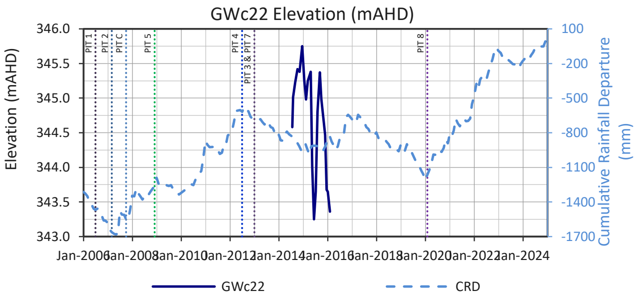

GWc20 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc20
CRD

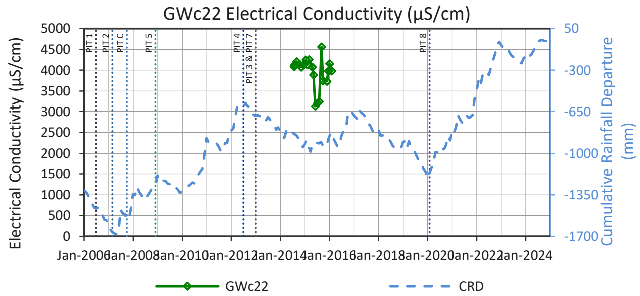

GWc20 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc20
CRD

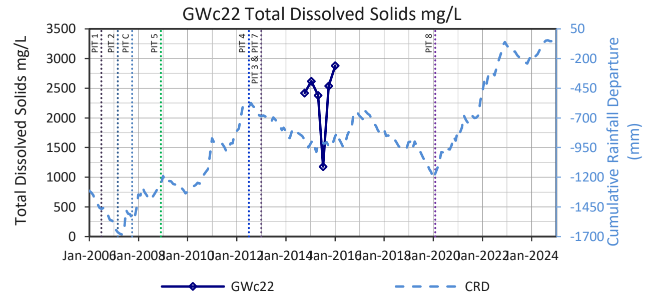

GWc20 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc20
CRD

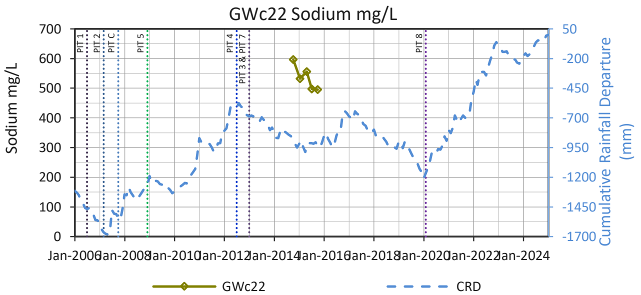

GWc20 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc20
CRD

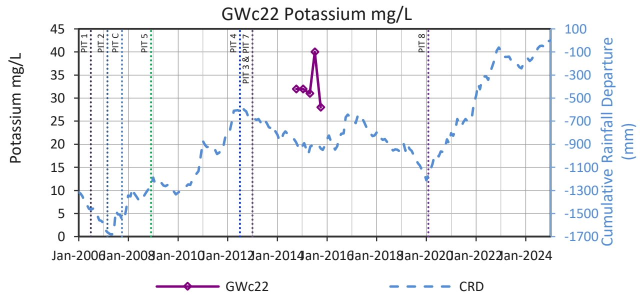

GWc20 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc20
CRD

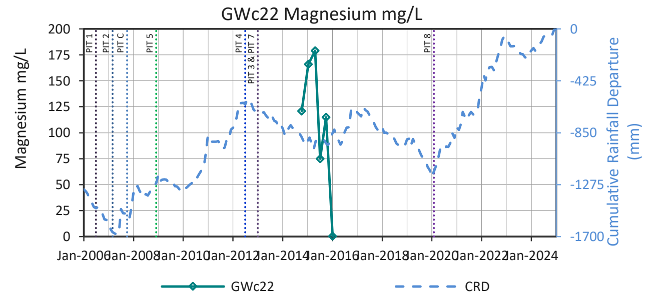

GWc22 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc22
CRD

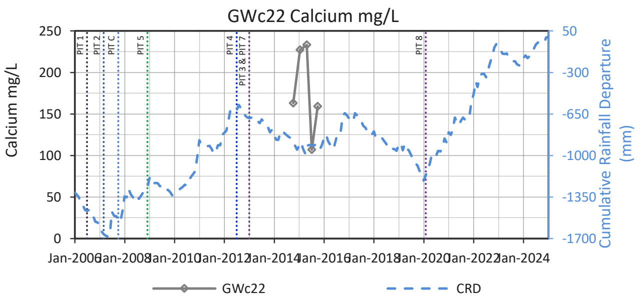

GWc22 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc22
CRD

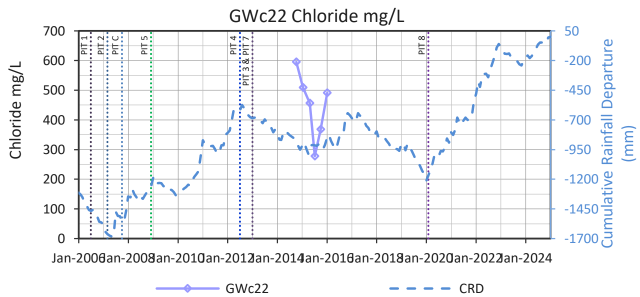

GWc22 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc22
CRD

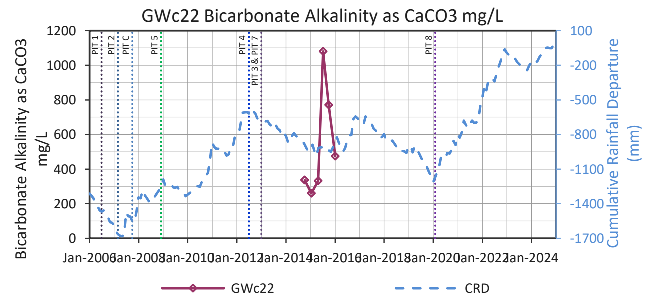

GWc22 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc22
CRD

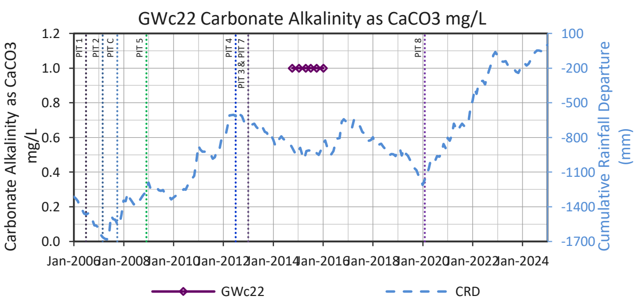

GWc22 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc22
CRD

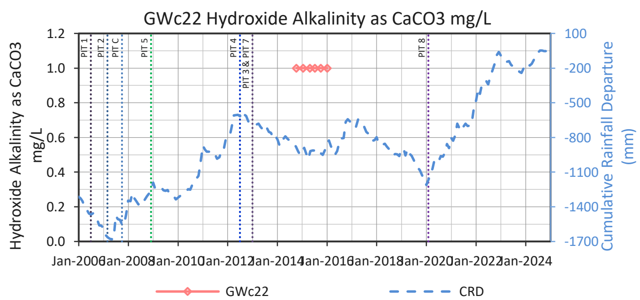

GWc22 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc22
CRD

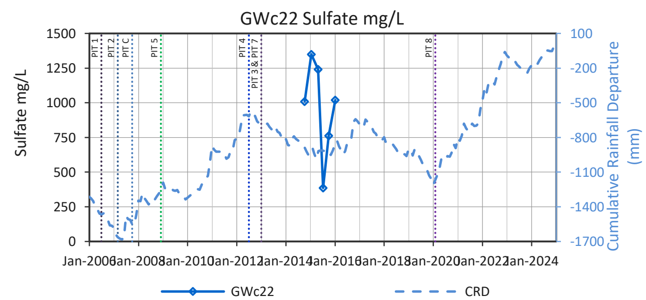

GWc22 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc22
CRD

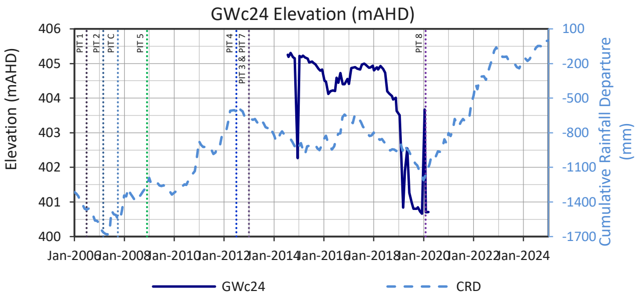

GWc22 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc22
CRD

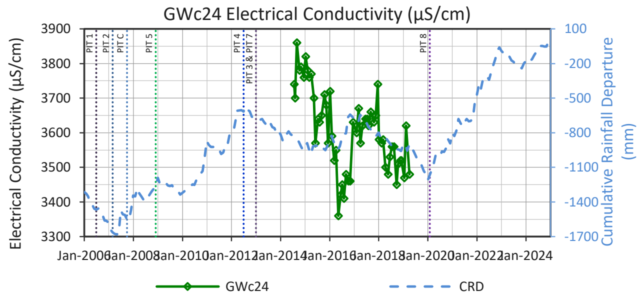

GWc22 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc22
CRD

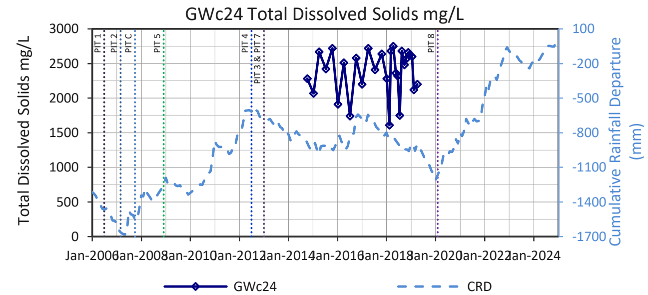

GWc22 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc22
CRD

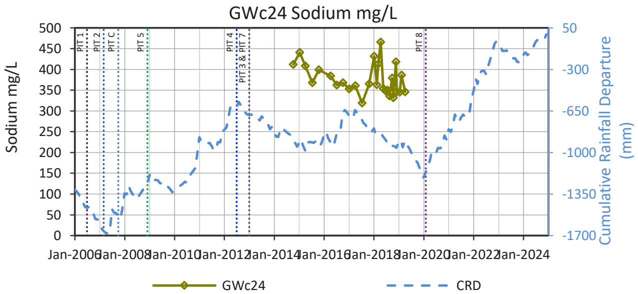

GWc22 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc22
CRD

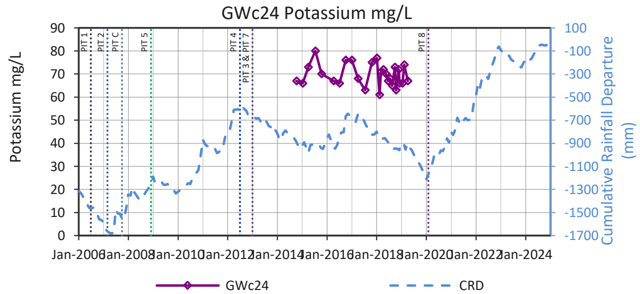

GWc22 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc22
CRD

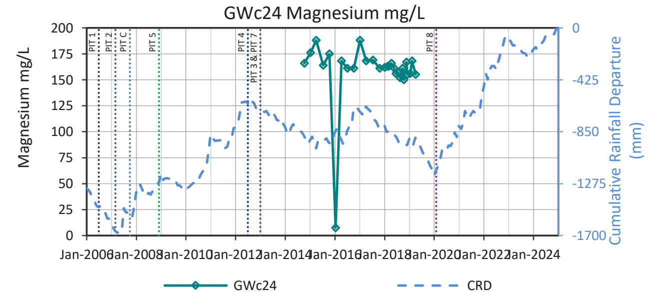

GWc24 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc24
CRD

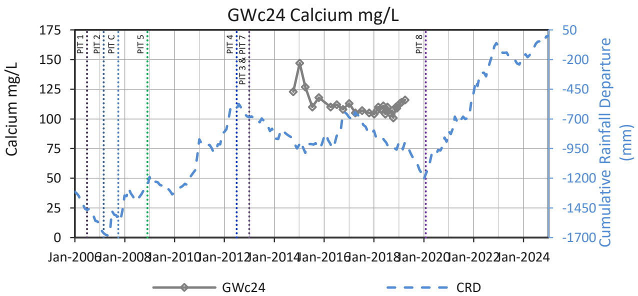

GWc24 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc24
CRD

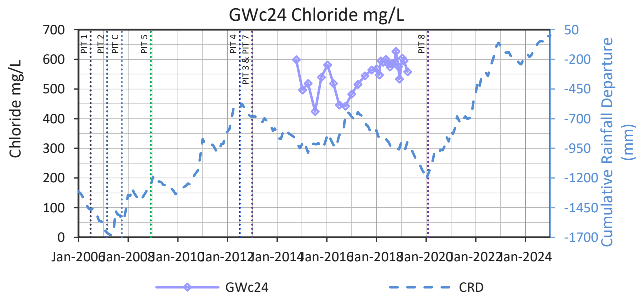

GWc24 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

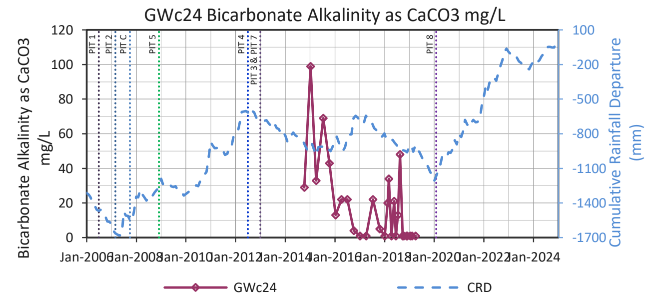

GWc24 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

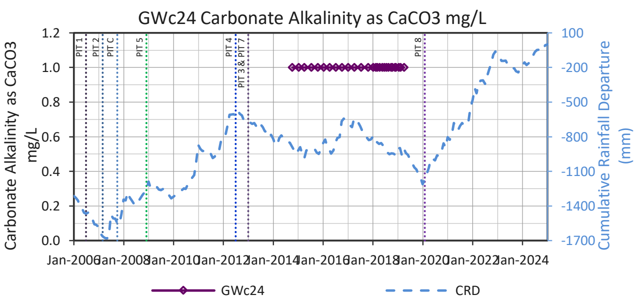

GWc24 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

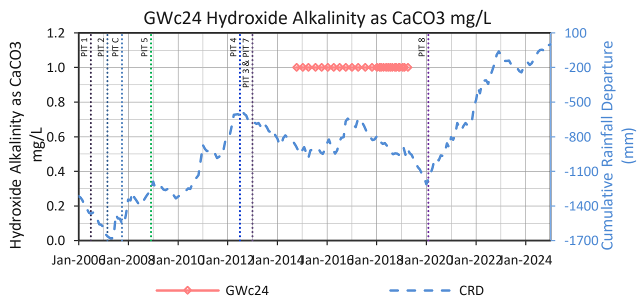

GWc24 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

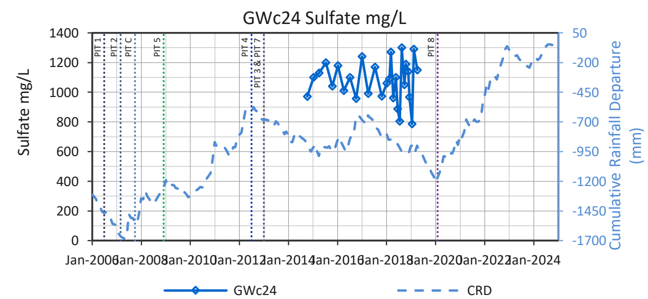

GWc24 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

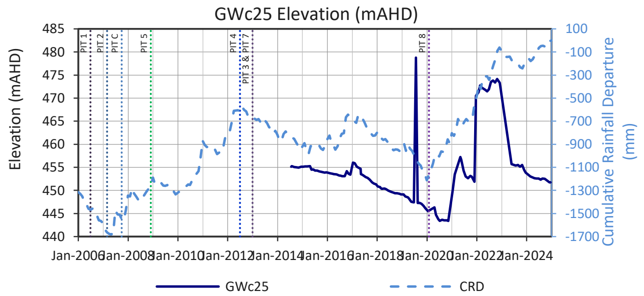

GWc24 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

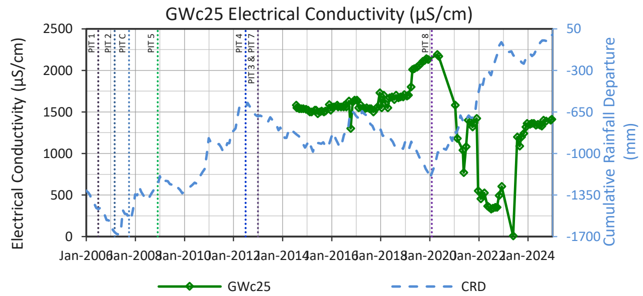

GWc24 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

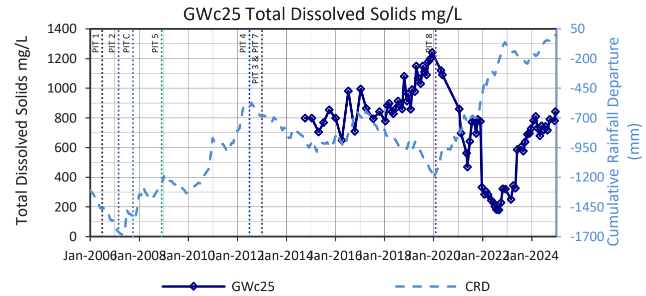

GWc24 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

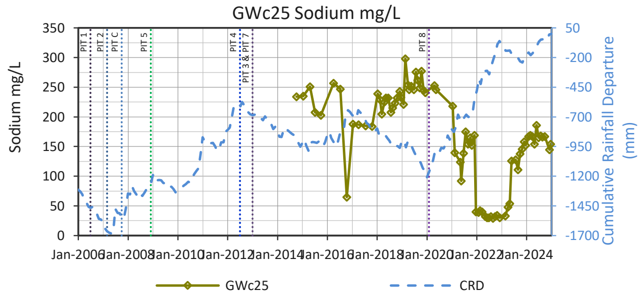

GWc24 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

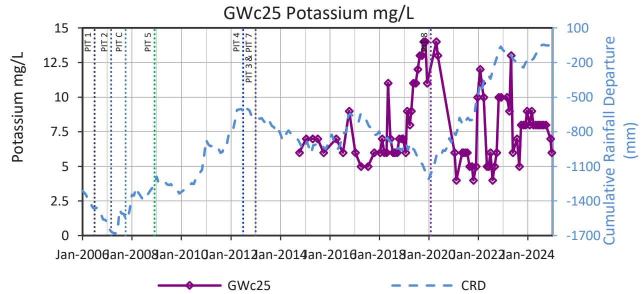

GWc24 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc24
CRD

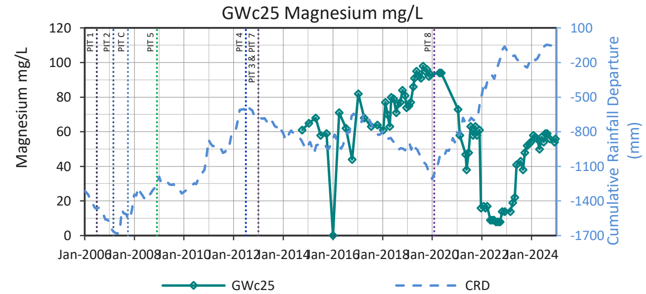

GWc25 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc25
CRD

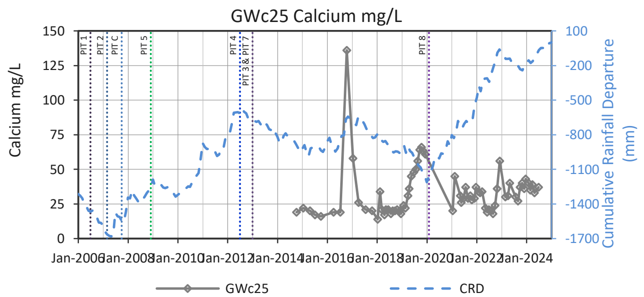

GWc25 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc25
CRD

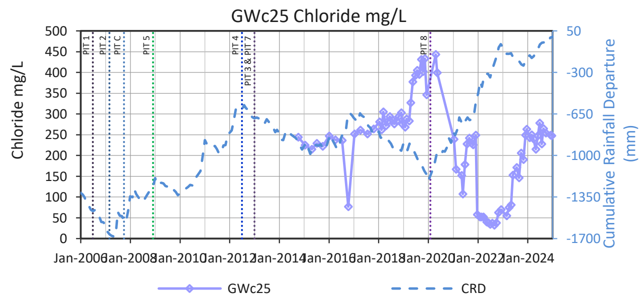

GWc25 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

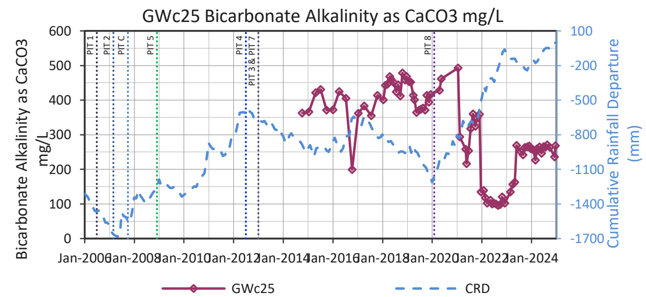

GWc25 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

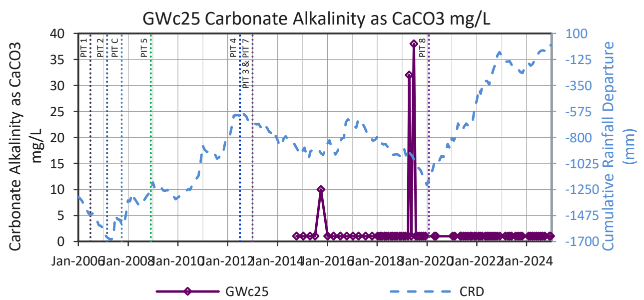

GWc25 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

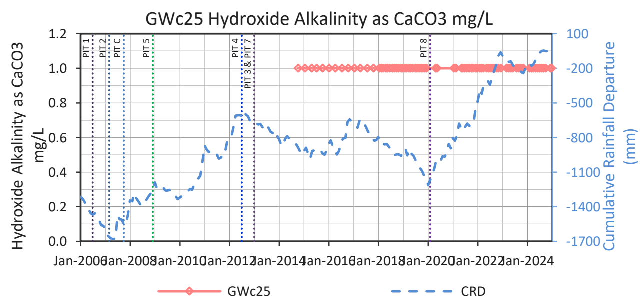

GWc25 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

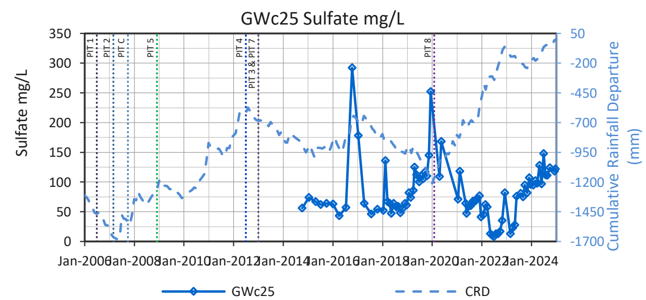

GWc25 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

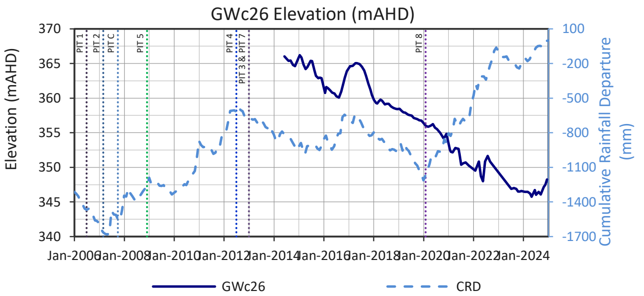

GWc25 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

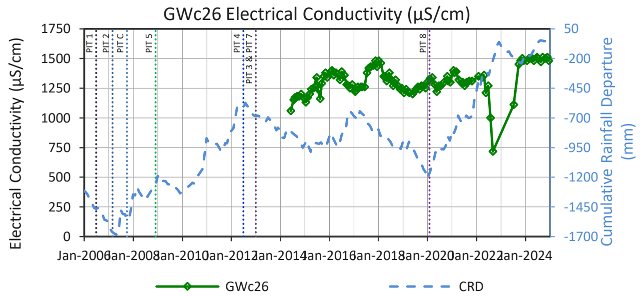

GWc25 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

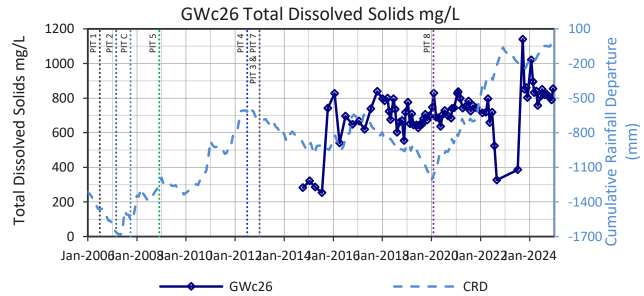

GWc25 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

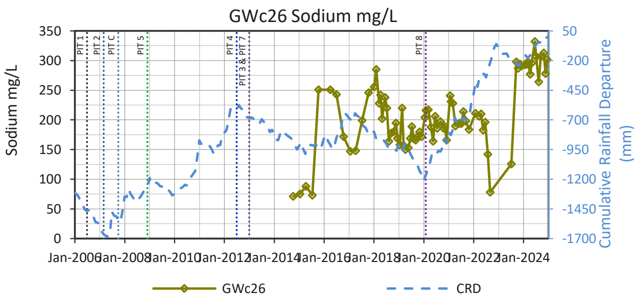

GWc25 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

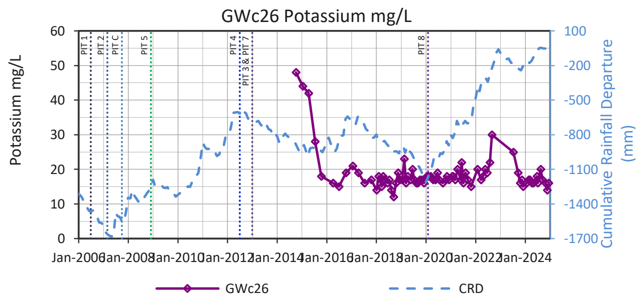

GWc25 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc25
CRD

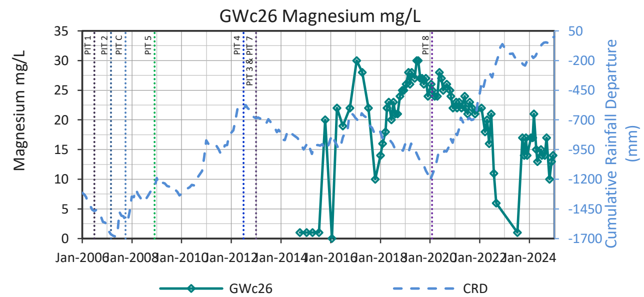

GWc26 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc26
CRD

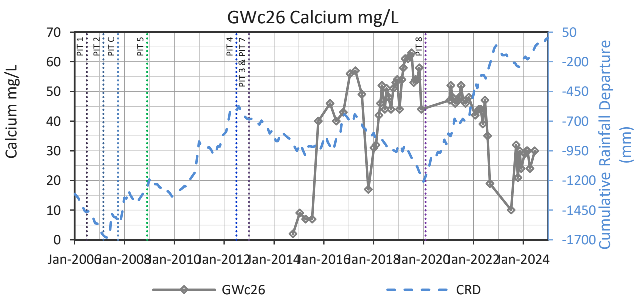

GWc26 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc26
CRD

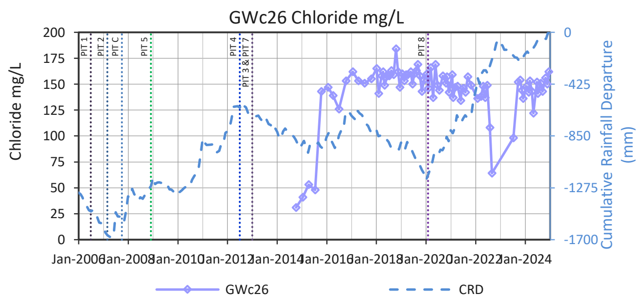

GWc26 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

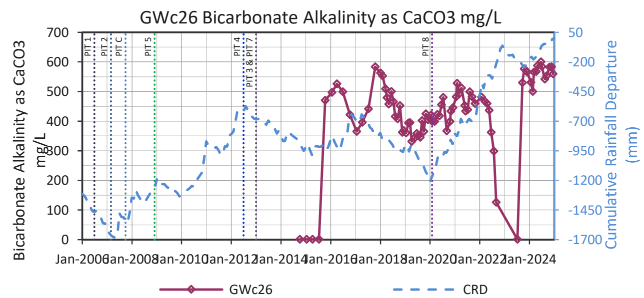

GWc26 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

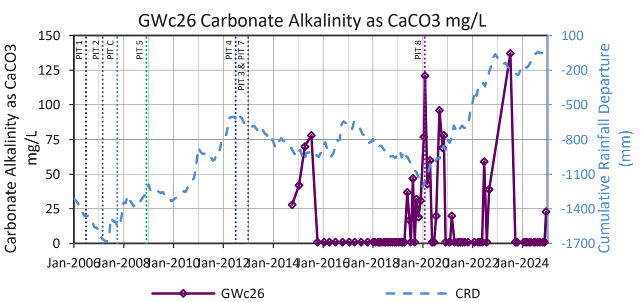

GWc26 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

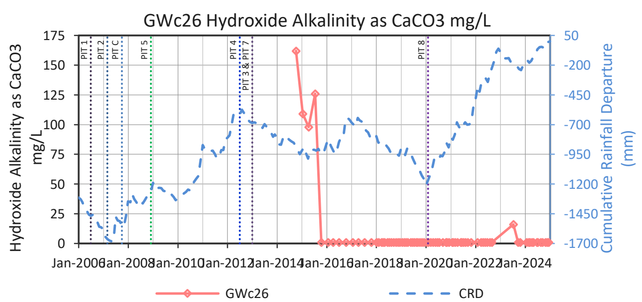

GWc26 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

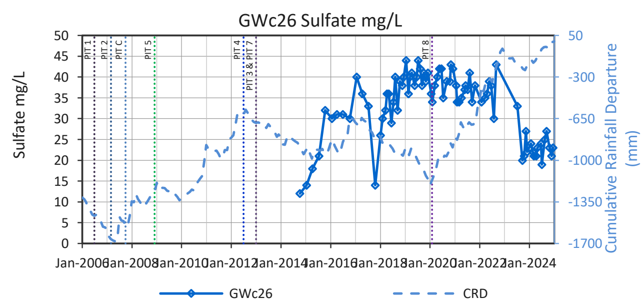

GWc26 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

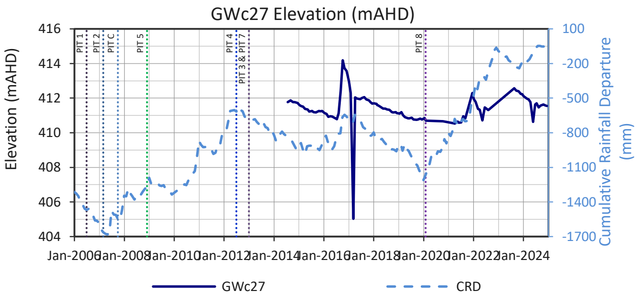

GWc26 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

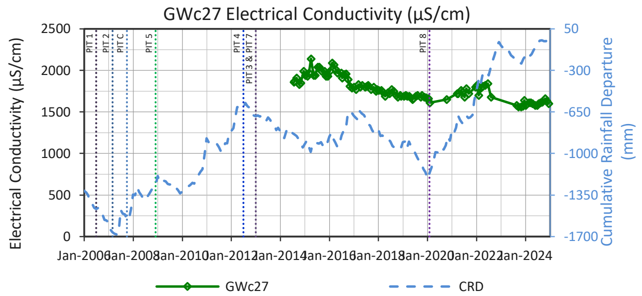

GWc26 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

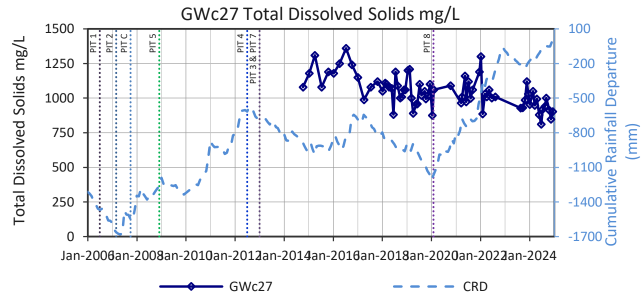

GWc26 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

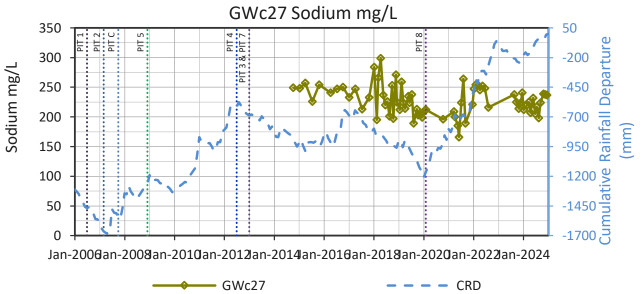

GWc26 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

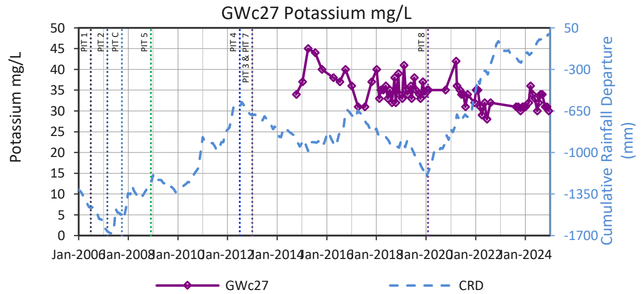

GWc26 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc26
CRD

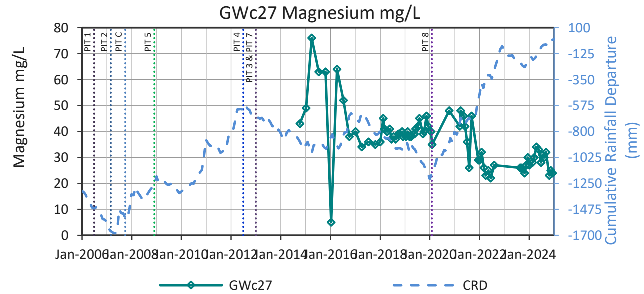

GWc27 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc27
CRD

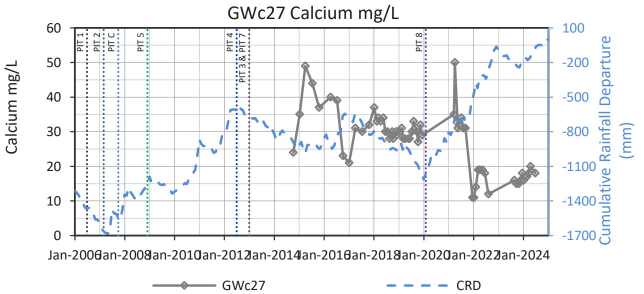

GWc27 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc27
CRD

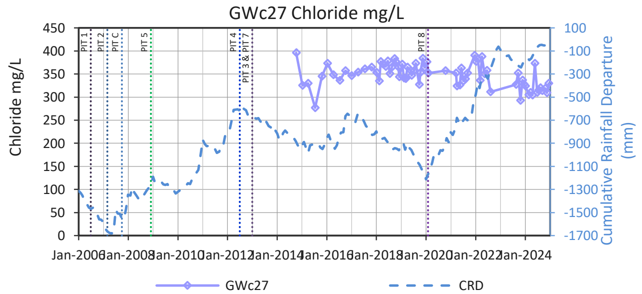

GWc27 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc27
CRD

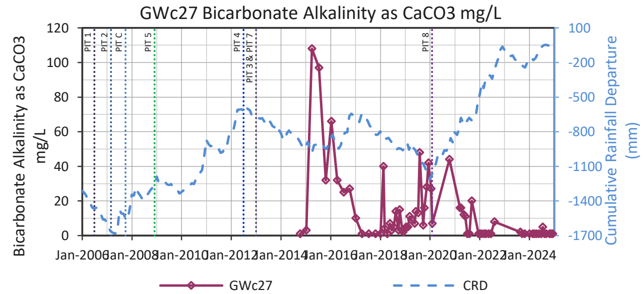

GWc27 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc27
CRD

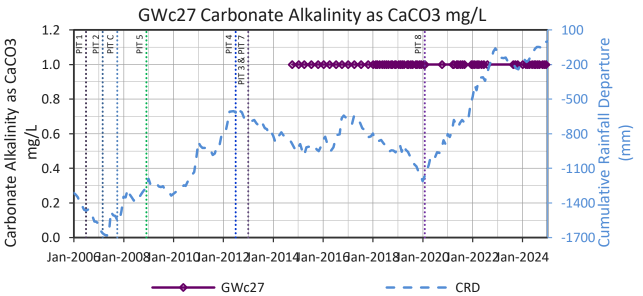

GWc27 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc27
CRD

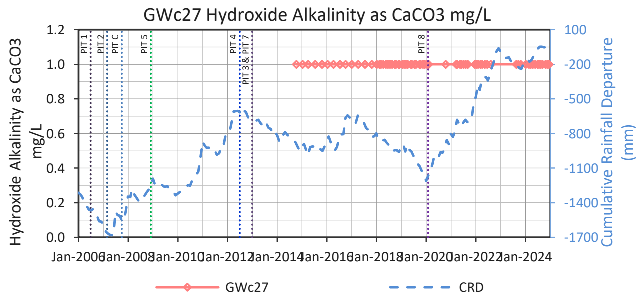

GWc27 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc27
CRD

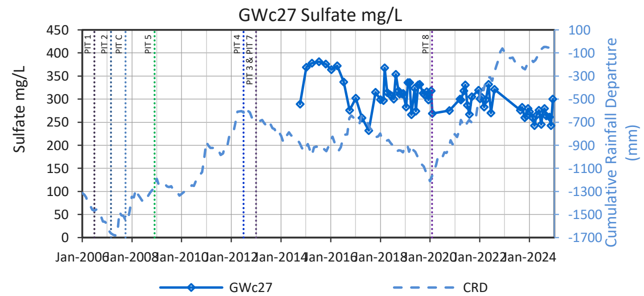

GWc27 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc27
CRD

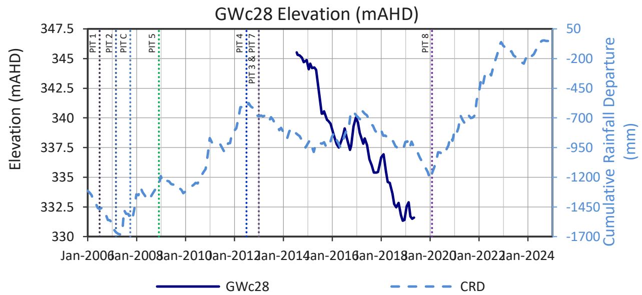

GWc27 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc27
CRD

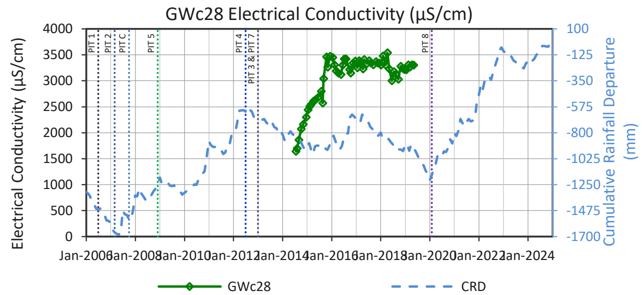

GWc27 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc27
CRD

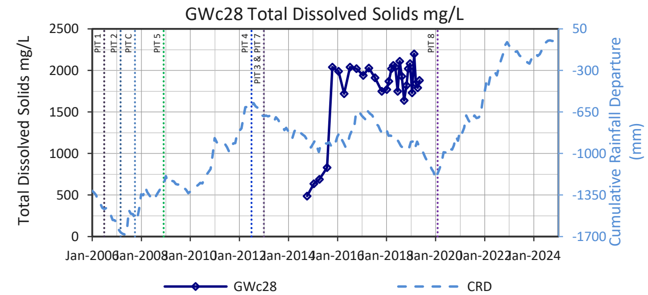

GWc27 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc27
CRD

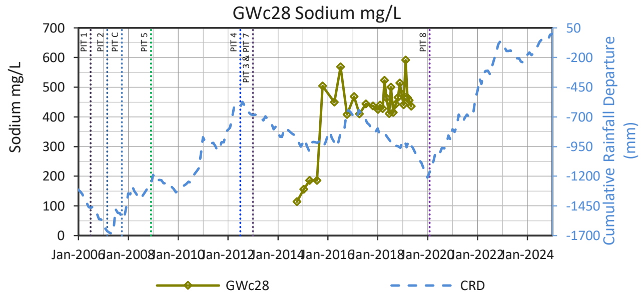

GWc27 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc27
CRD

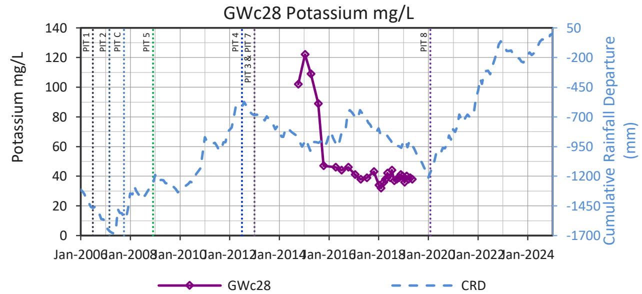

GWc27 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc27
CRD

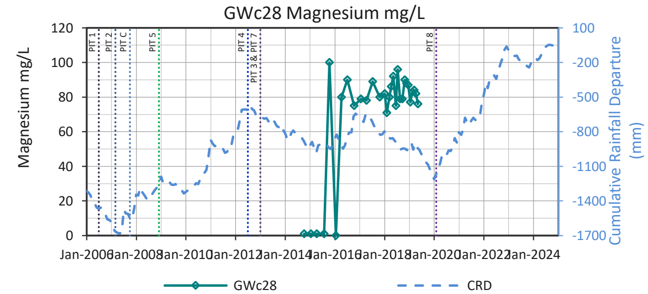

GWc28 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc28
CRD

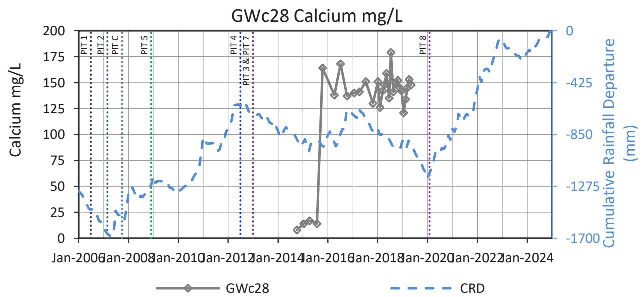

GWc28 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc28
CRD

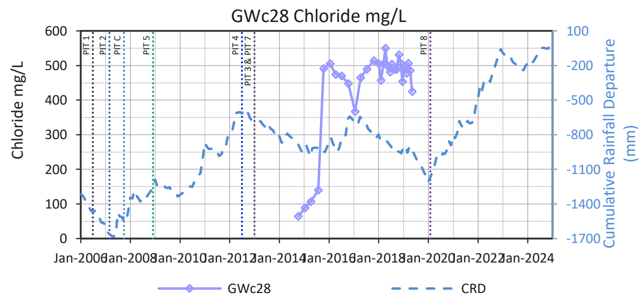

GWc28 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

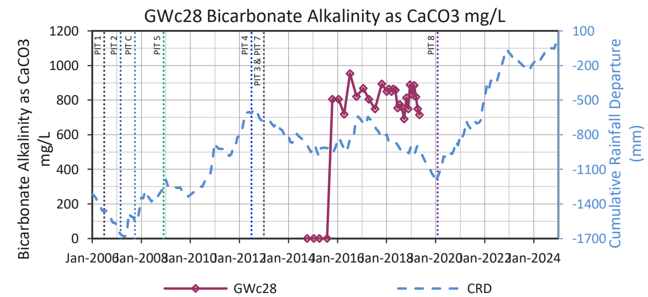

GWc28 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

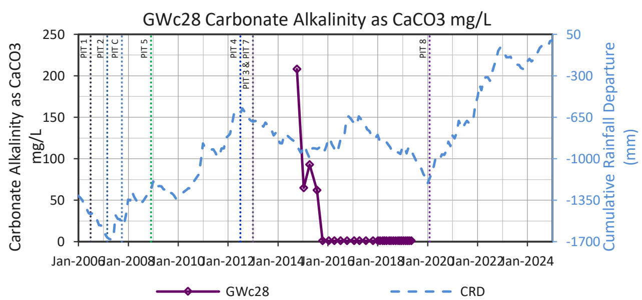

GWc28 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

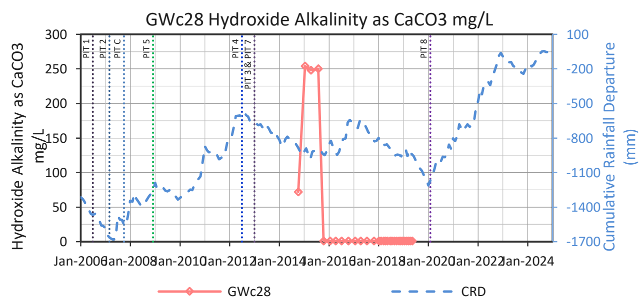

GWc28 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

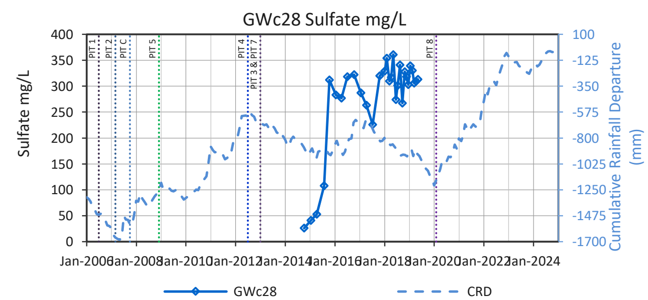

GWc28 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

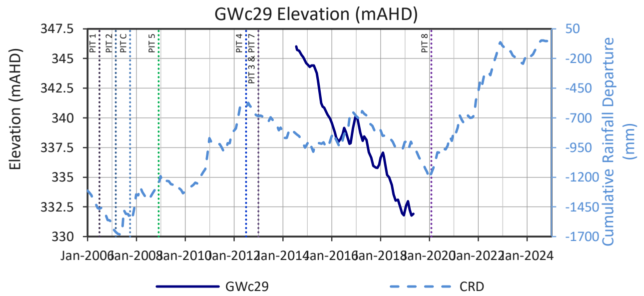

GWc28 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

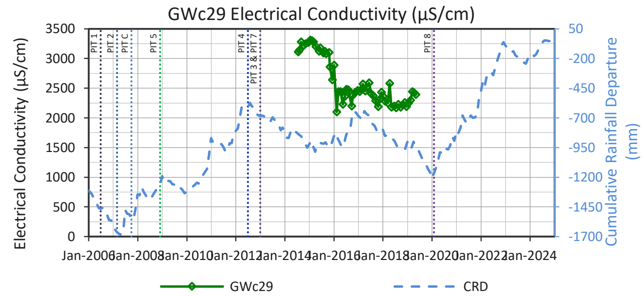

GWc28 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

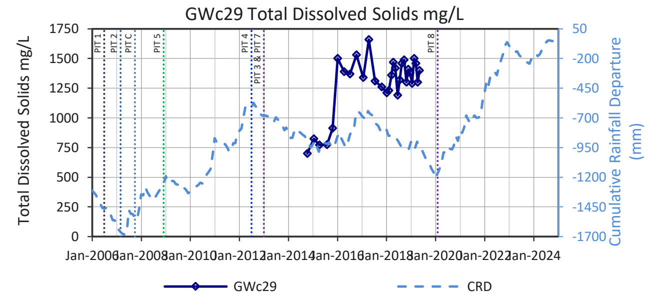

GWc28 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

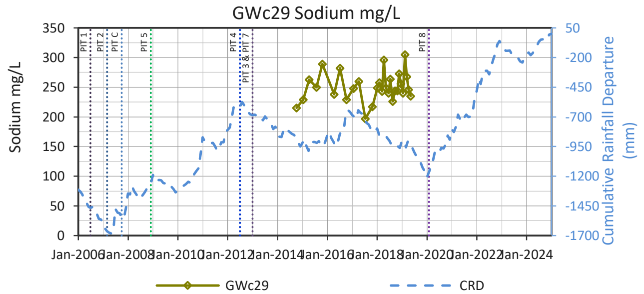

GWc28 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

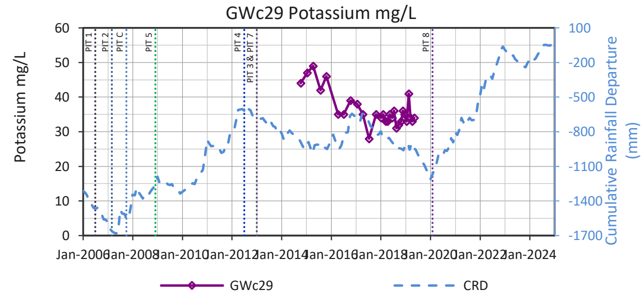

GWc28 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc28
CRD

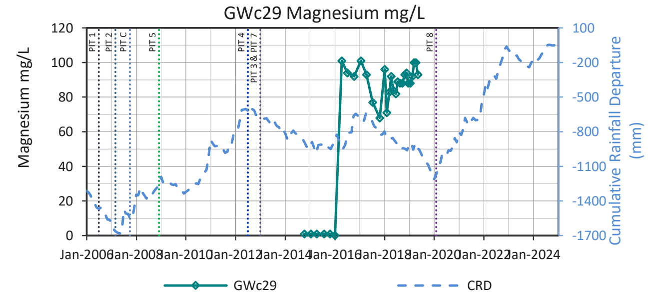

GWc29 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc29
CRD

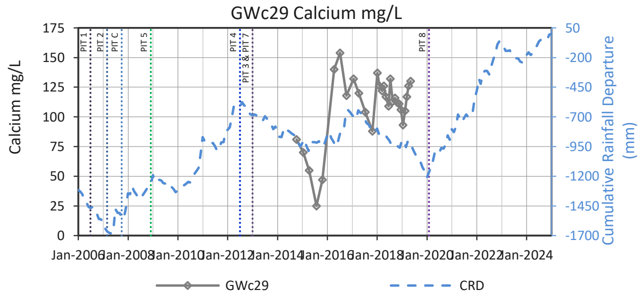

GWc29 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc29
CRD

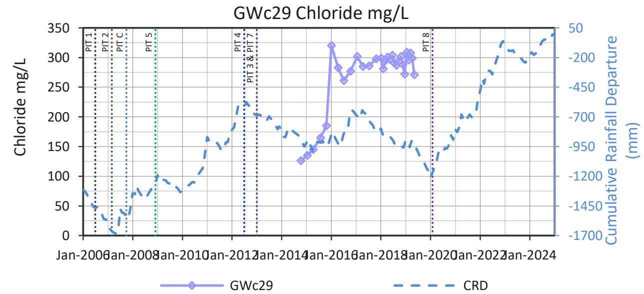

GWc29 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

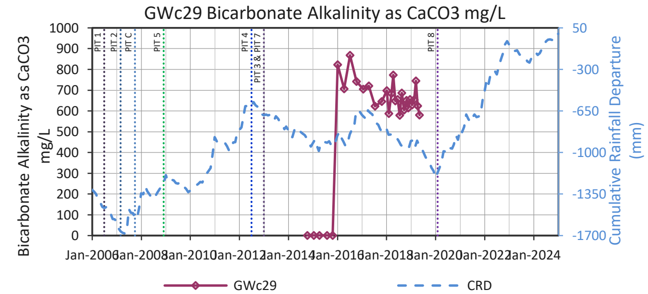

GWc29 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

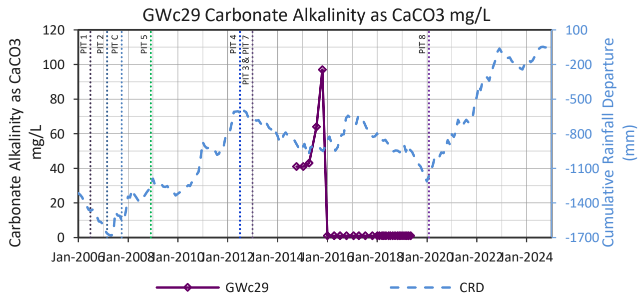

GWc29 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

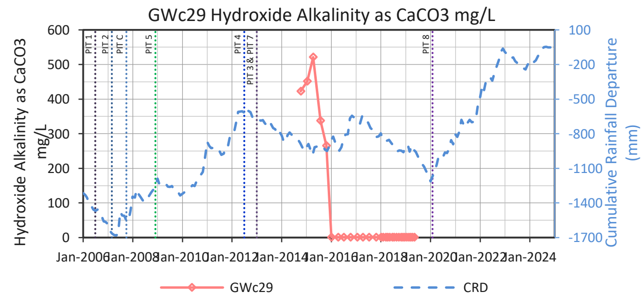

GWc29 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

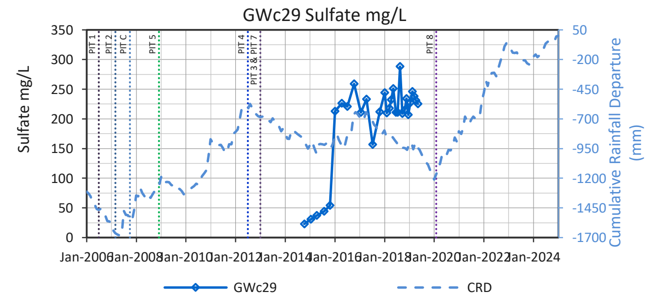

GWc29 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

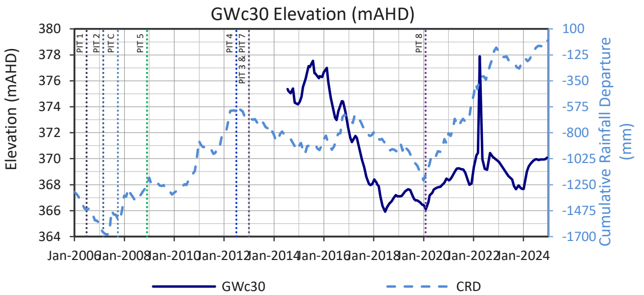

GWc29 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

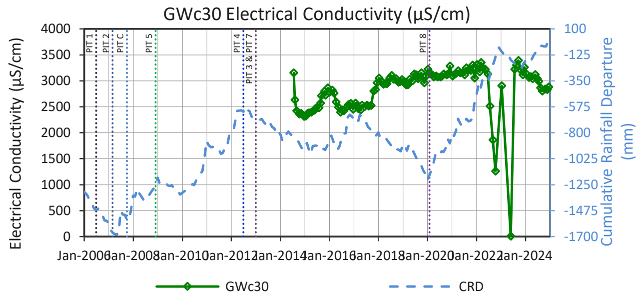

GWc29 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

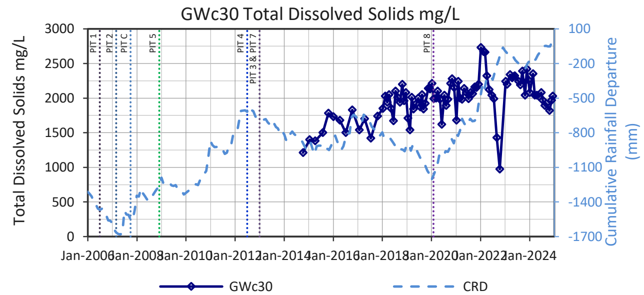

GWc29 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

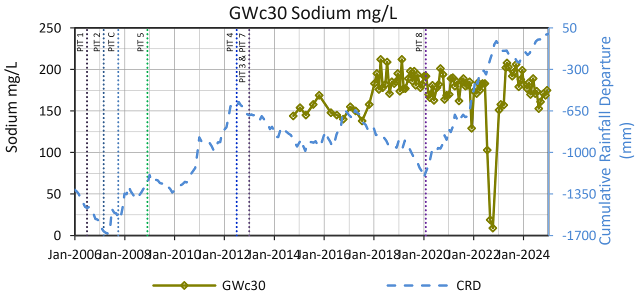

GWc29 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

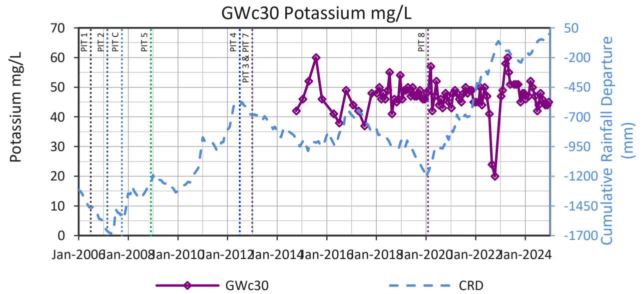

GWc29 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc29
CRD

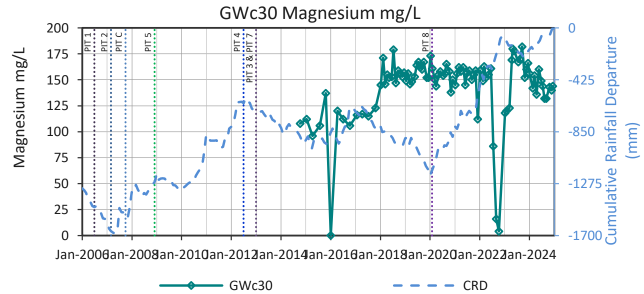

GWc30 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc30
CRD

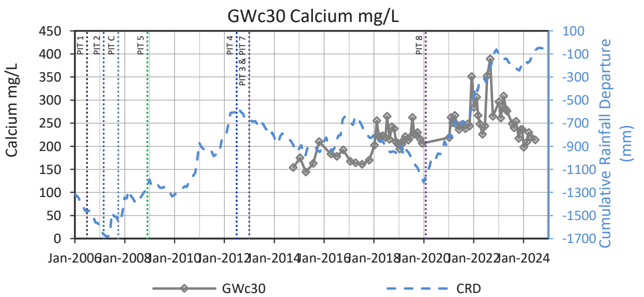

GWc30 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc30
CRD

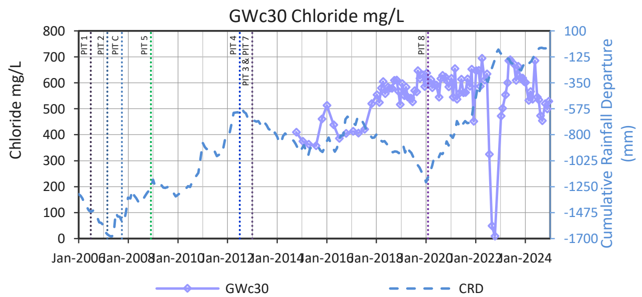

GWc30 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

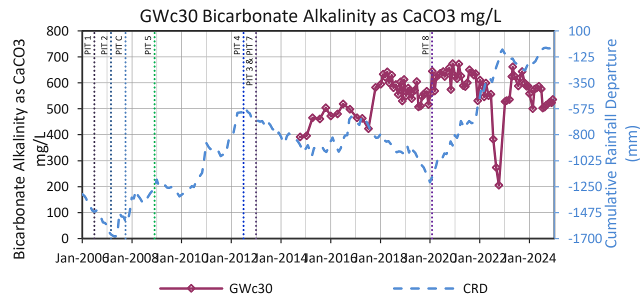

GWc30 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

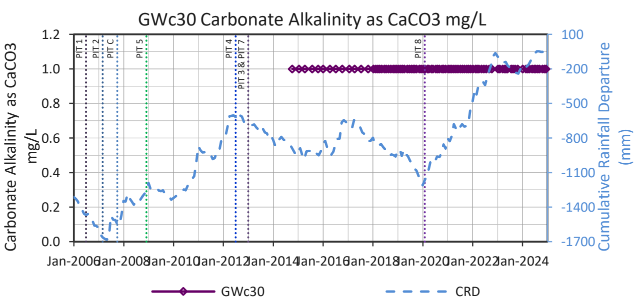

GWc30 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

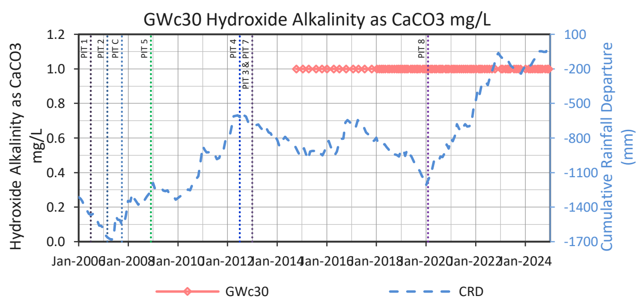

GWc30 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

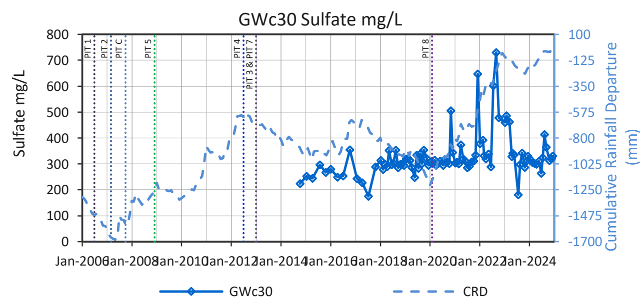

GWc30 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

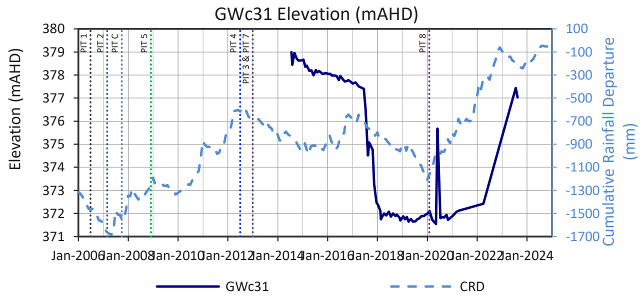

GWc30 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

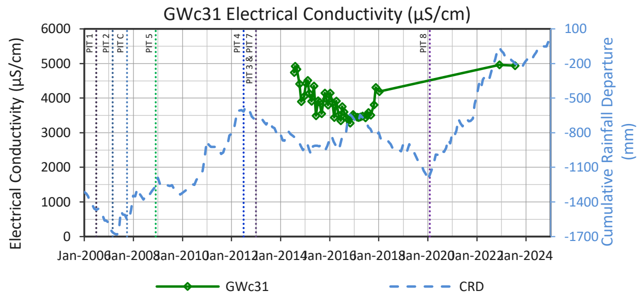

GWc30 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

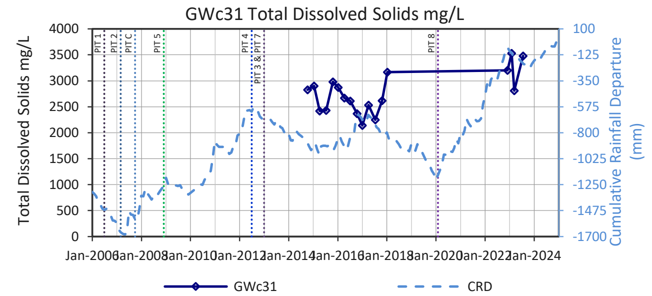

GWc30 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

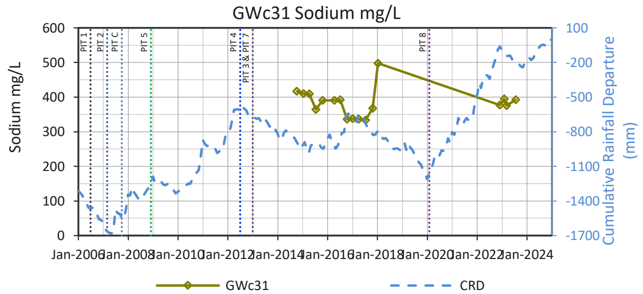

GWc30 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

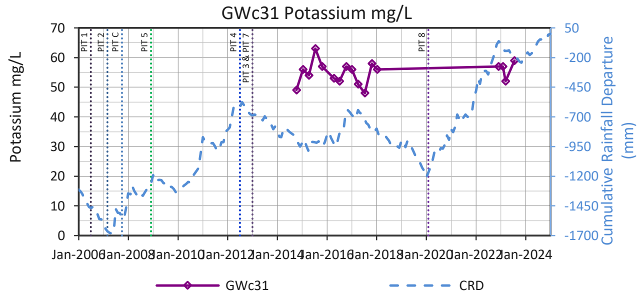

GWc30 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc30
CRD

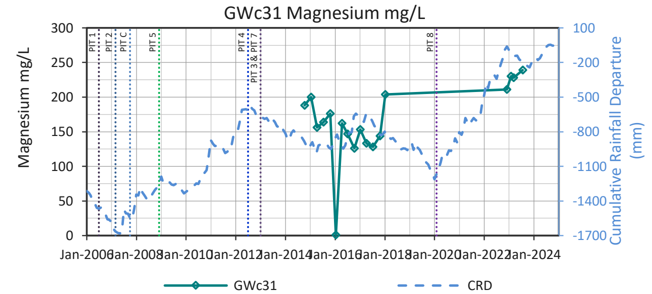

GWc31 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc31
CRD

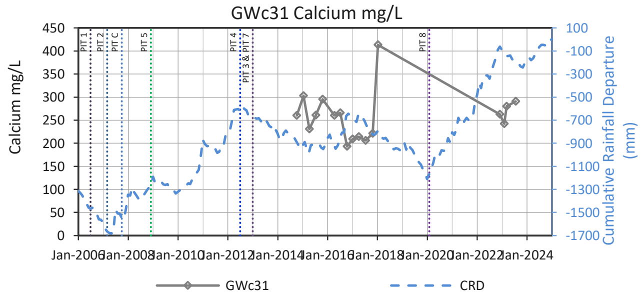

GWc31 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc31
CRD

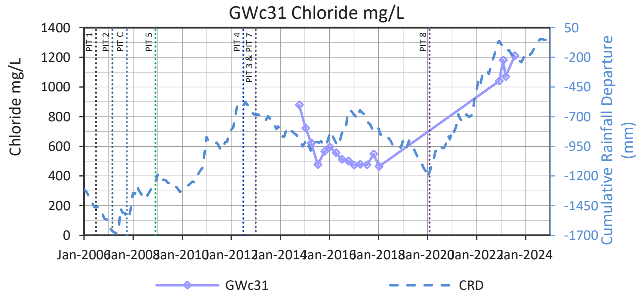

GWc31 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

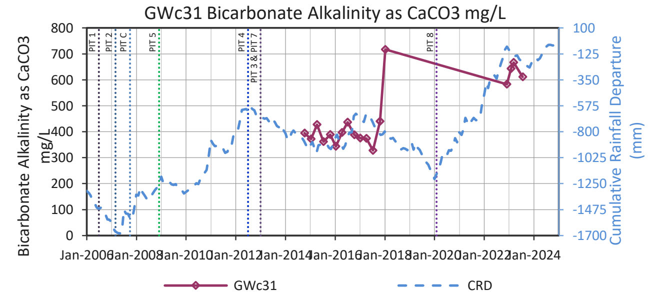

GWc31 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

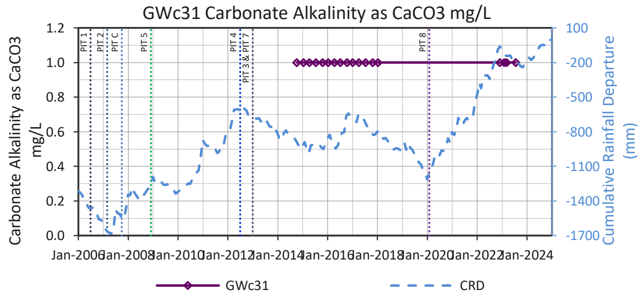

GWc31 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

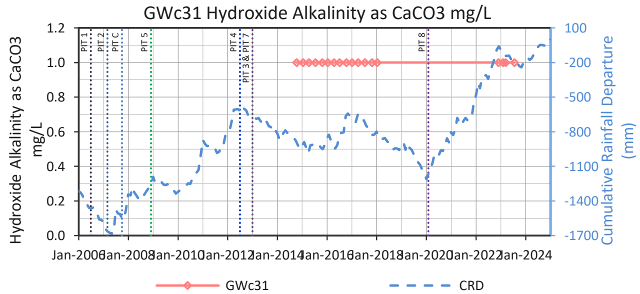

GWc31 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

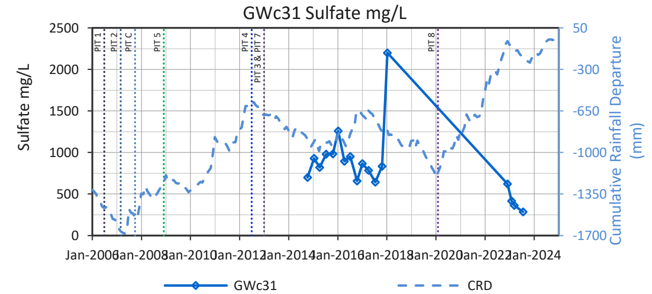

GWc31 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

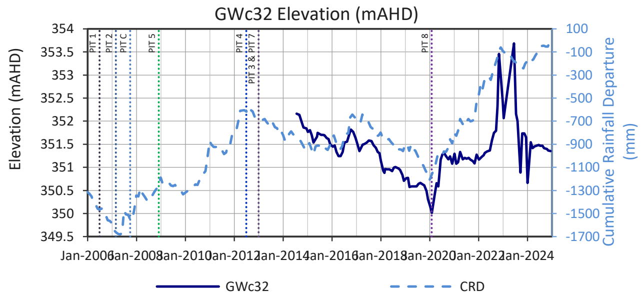

GWc31 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

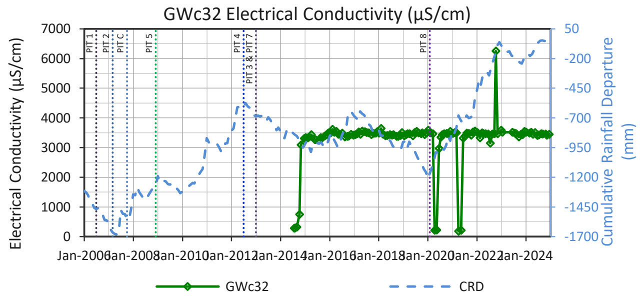

GWc31 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

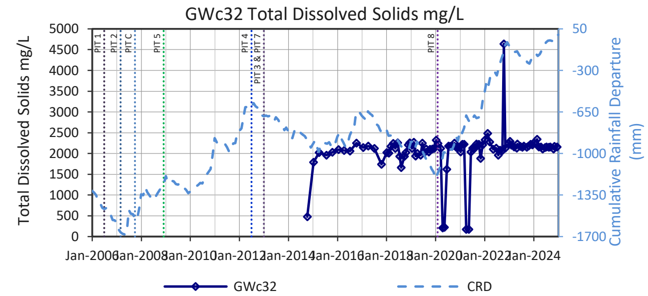

GWc31 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

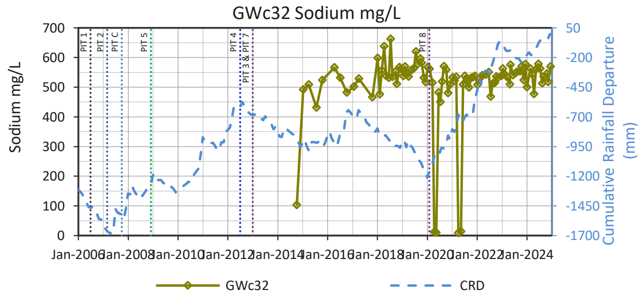

GWc31 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

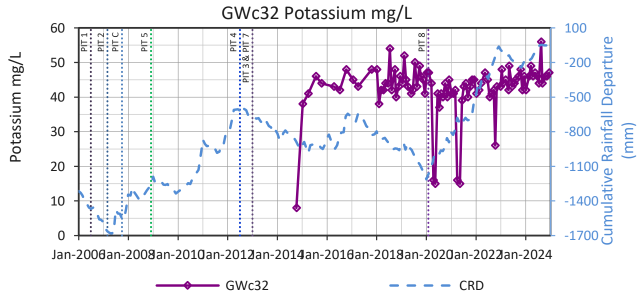

GWc31 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc31
CRD

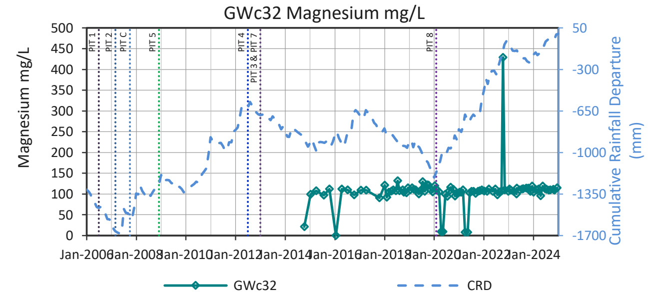

GWc32 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWc32
CRD

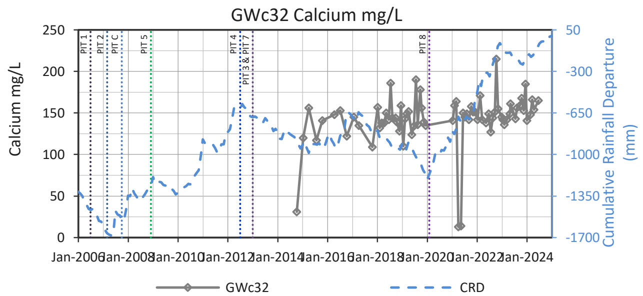

GWc32 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc32
CRD

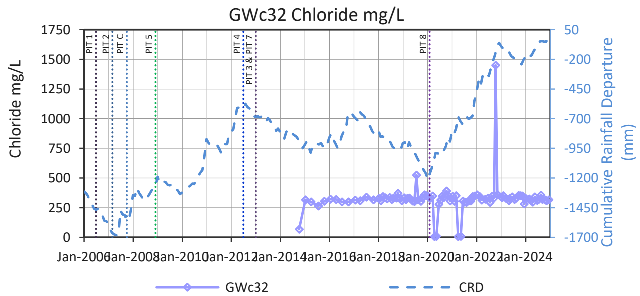

GWc32 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

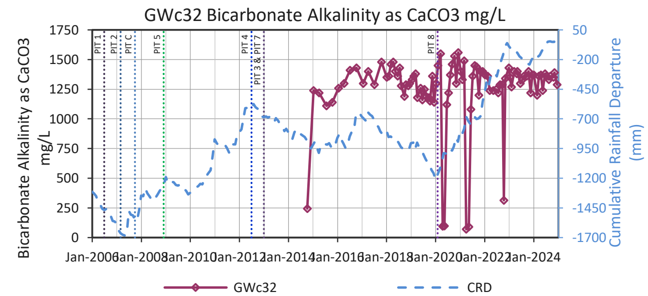

GWc32 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

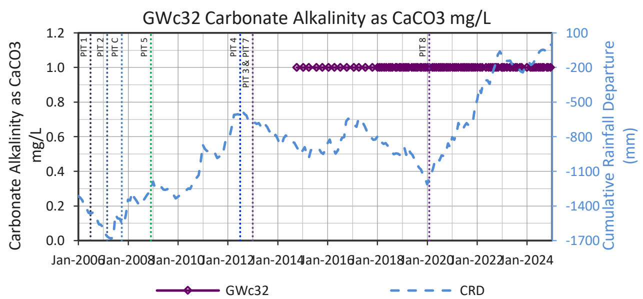

GWc32 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

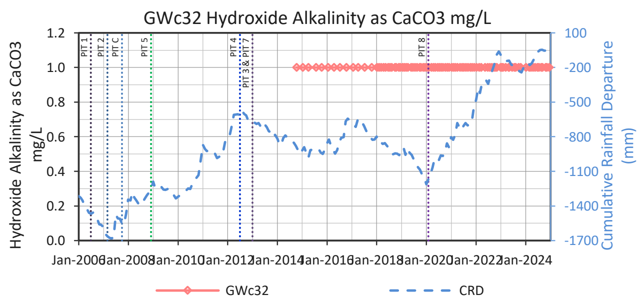

GWc32 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

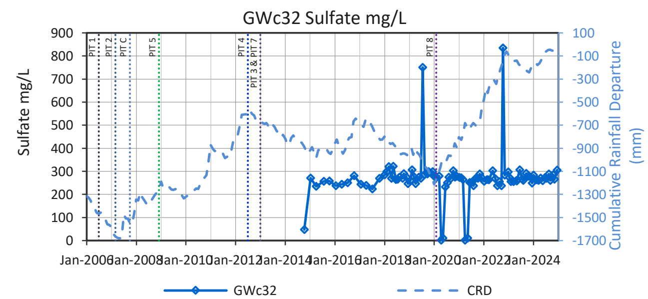

GWc32 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

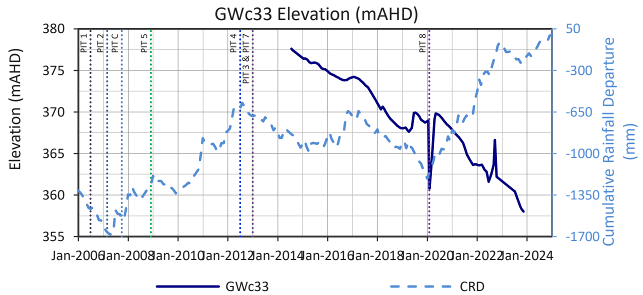

GWc32 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

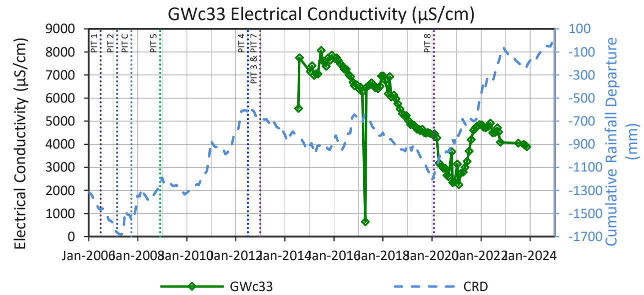

GWc32 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

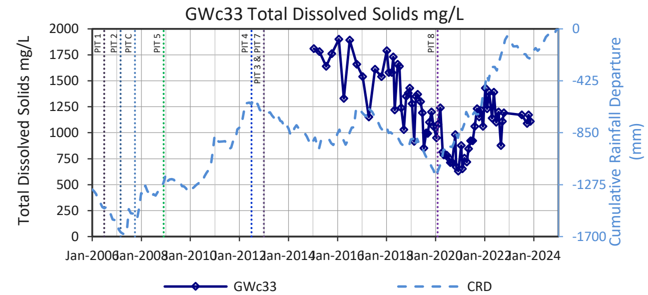

GWc32 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

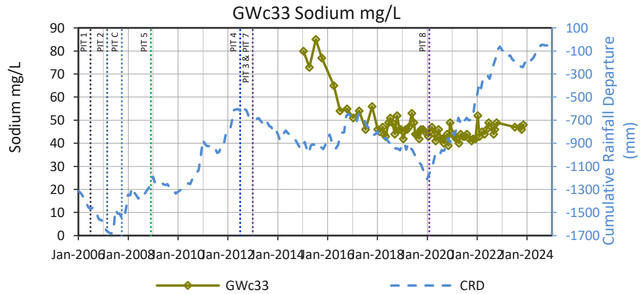

GWc32 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

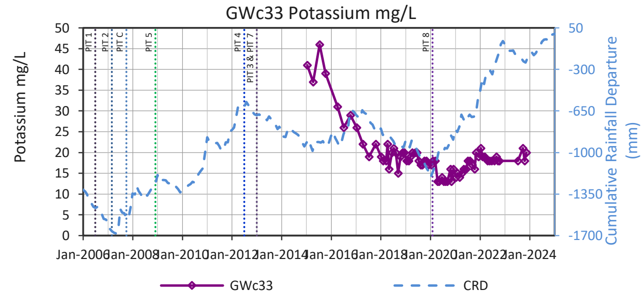

GWc32 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc32
CRD

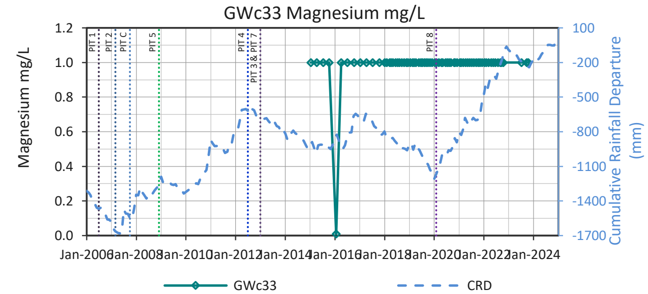

GWc33 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Jan-2006
Jan-2008
Jan-2010
Jan-2012
Jan-2014
Jan-2016
Jan-2018
Jan-2020
Jan-2022
Jan-2024
GWc33
CRD

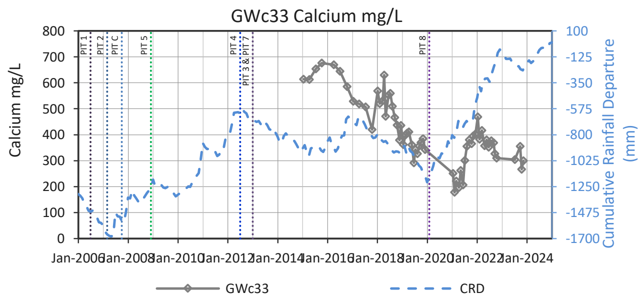

GWc33 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc33
CRD

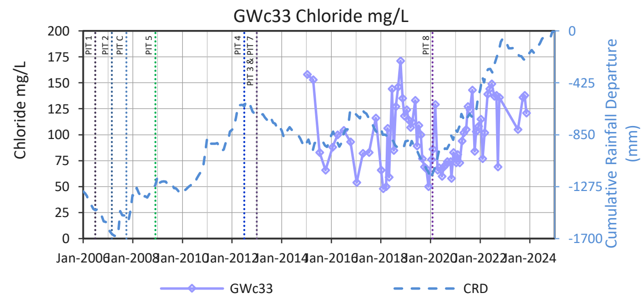

GWc33 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

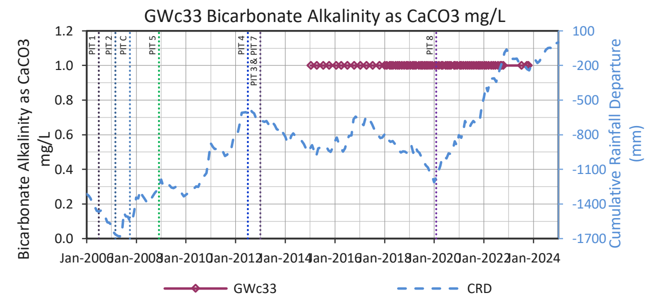

GWc33 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

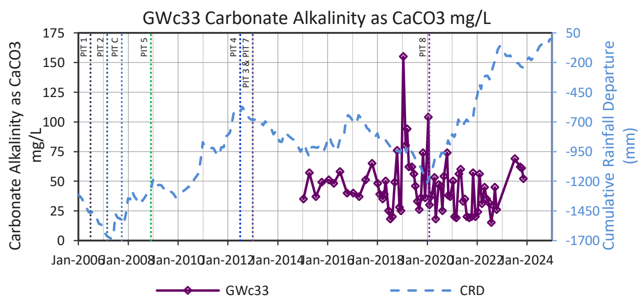

GWc33 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

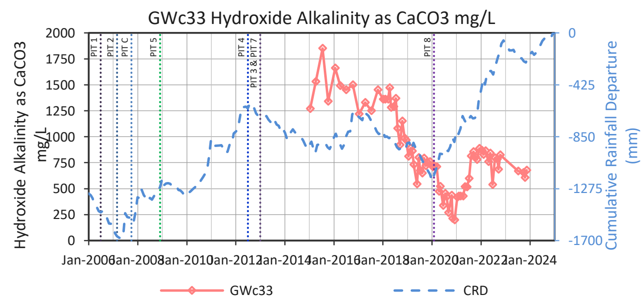

GWc33 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

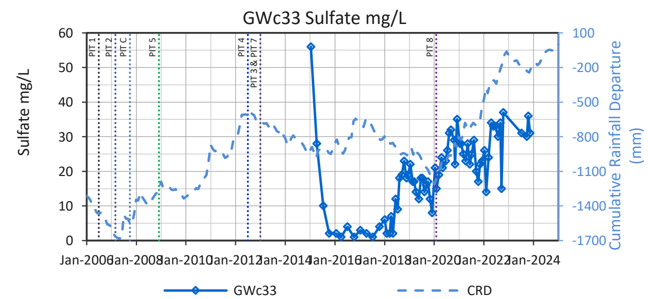

GWc33 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

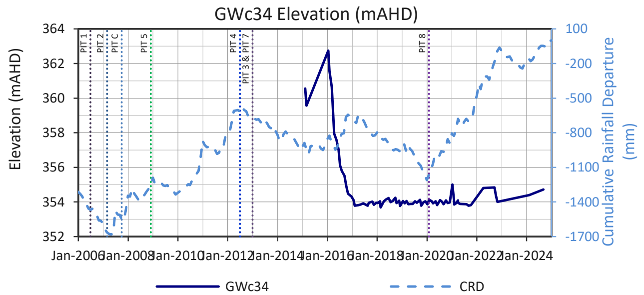

GWc33 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

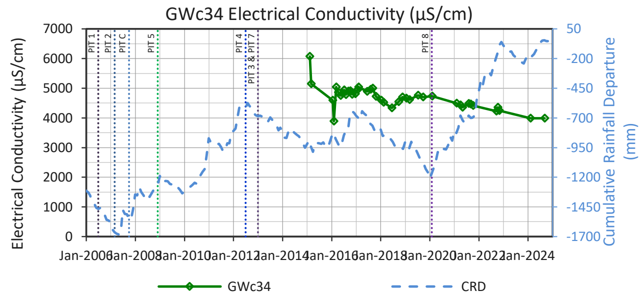

GWc33 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

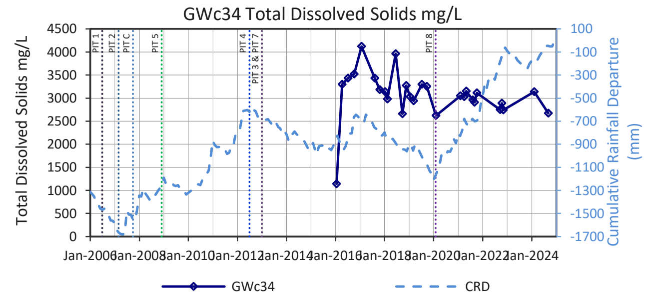

GWc33 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

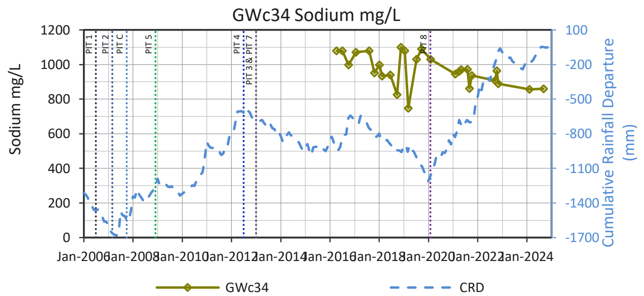

GWc33 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

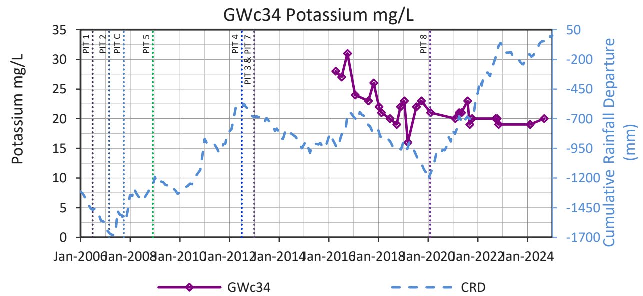

GWc33 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc33
CRD

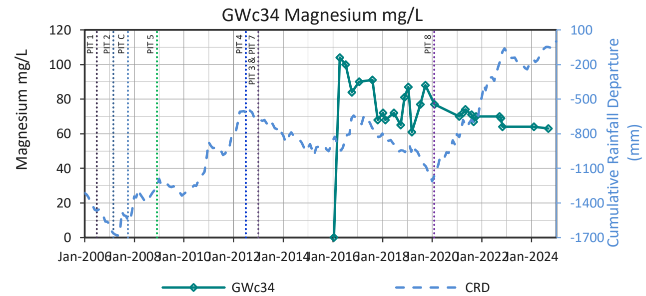

GWc34 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc34
CRD

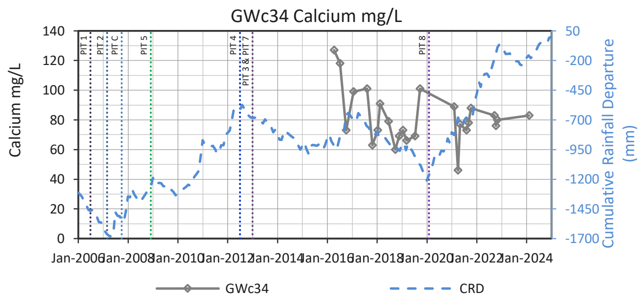

GWc34 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc34
CRD

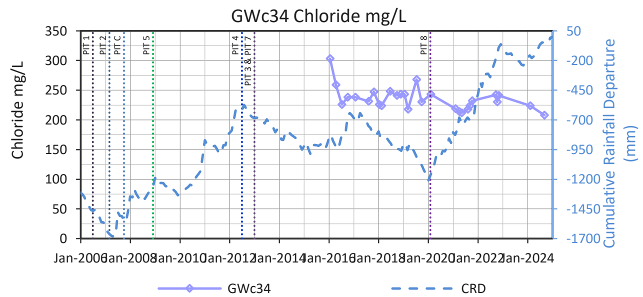

GWc34 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

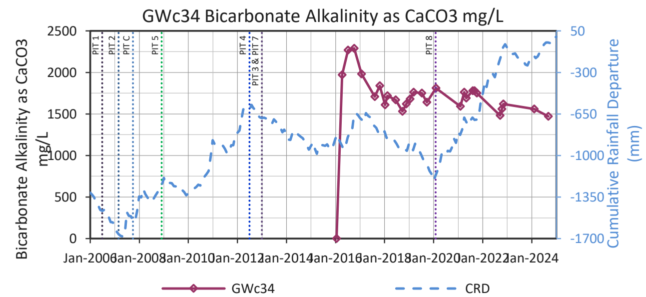

GWc34 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

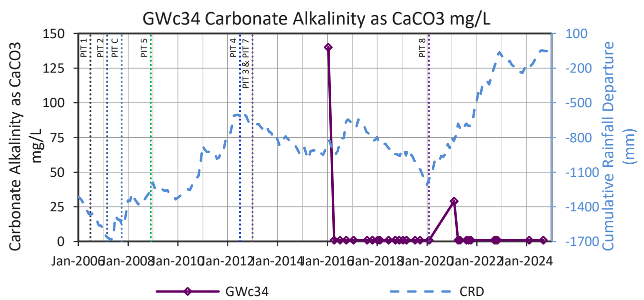

GWc34 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

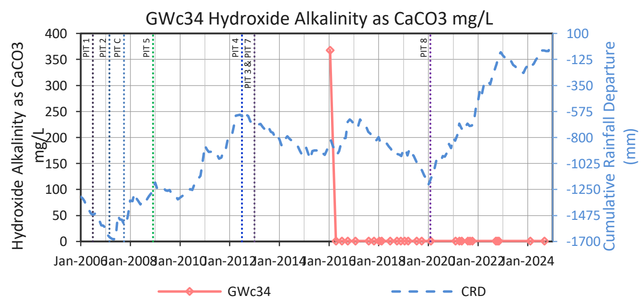

GWc34 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

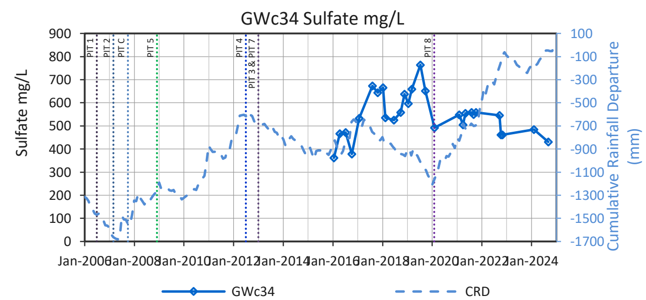

GWc34 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

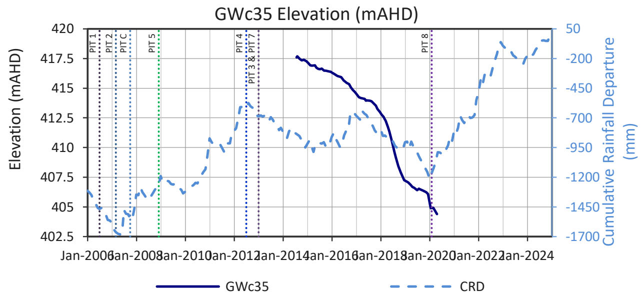

GWc34 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

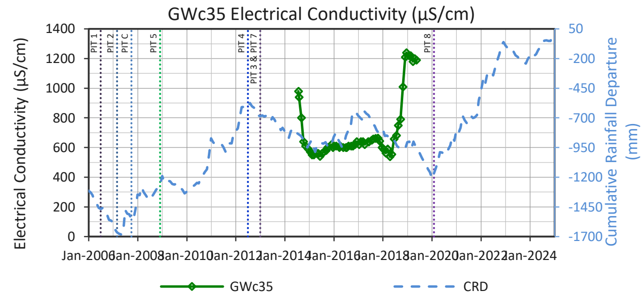

GWc34 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

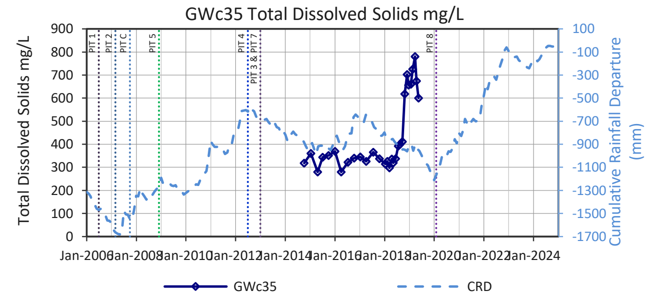

GWc34 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

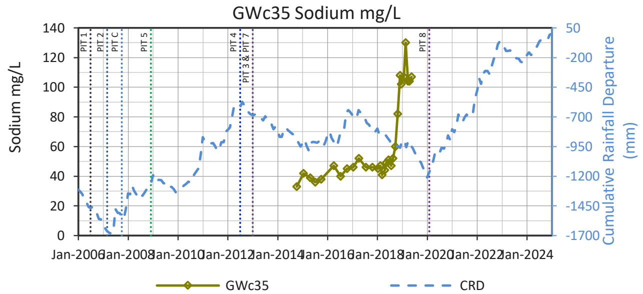

GWc34 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

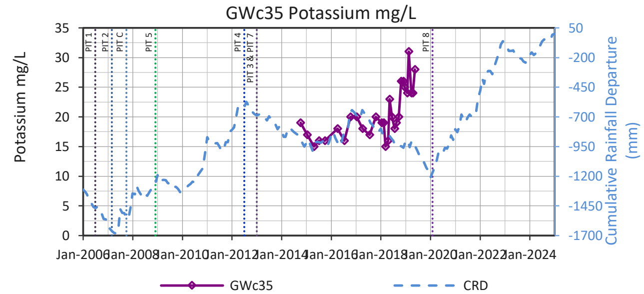

GWc34 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc34
CRD

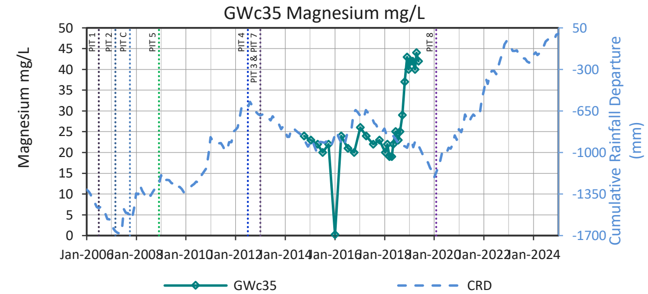

GWc35 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc35
CRD

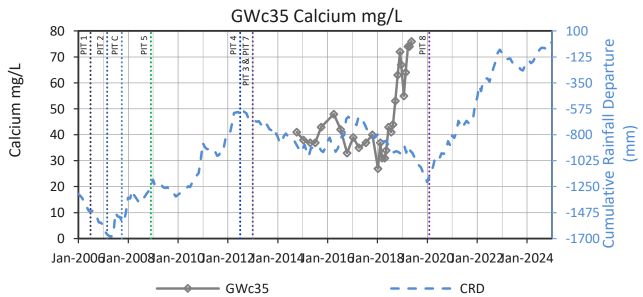

GWc35 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc35
CRD

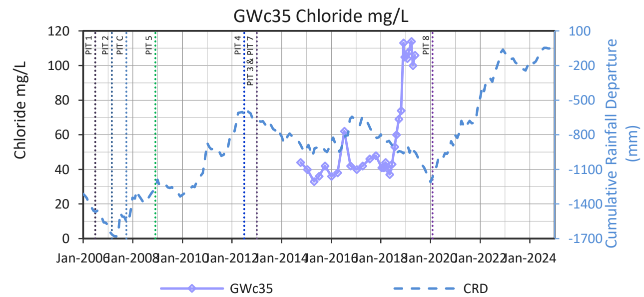

GWc35 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc35
CRD

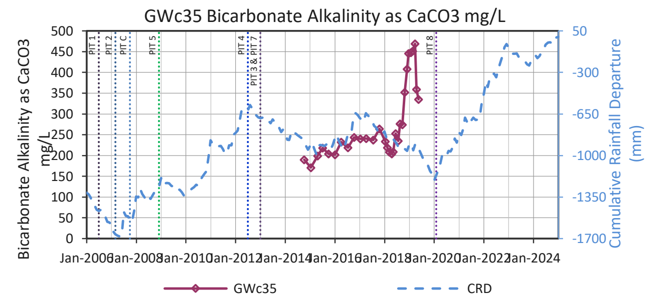

GWc35 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc35
CRD

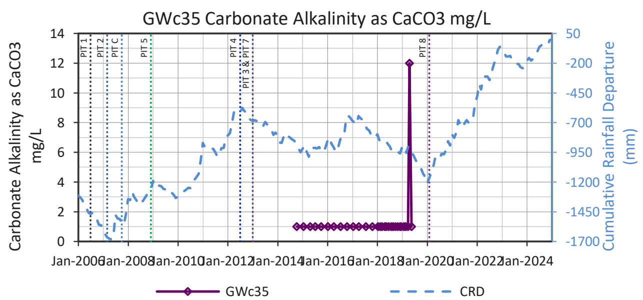

GWc35 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc35
CRD

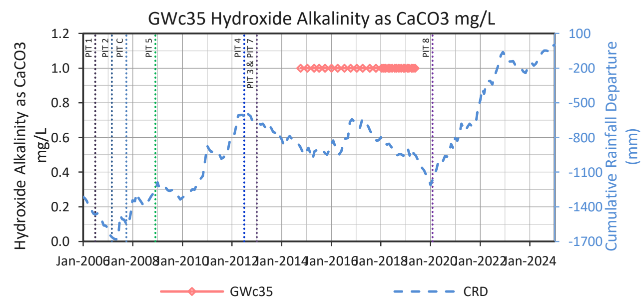

GWc35 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc35
CRD

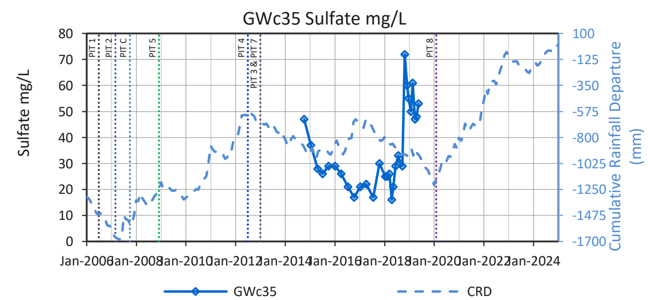

GWc35 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc35
CRD

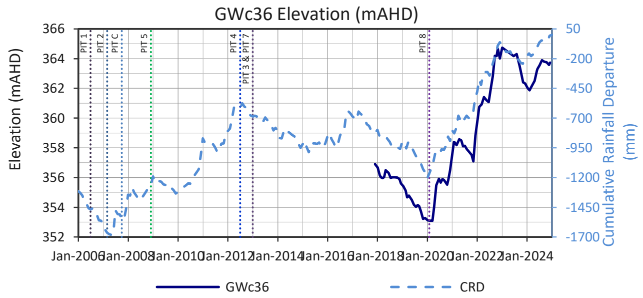

GWc35 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc35
CRD

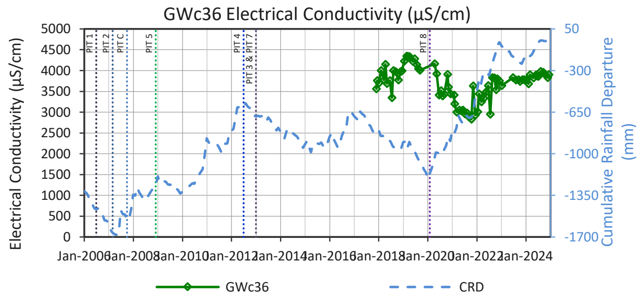

GWc35 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc35
CRD

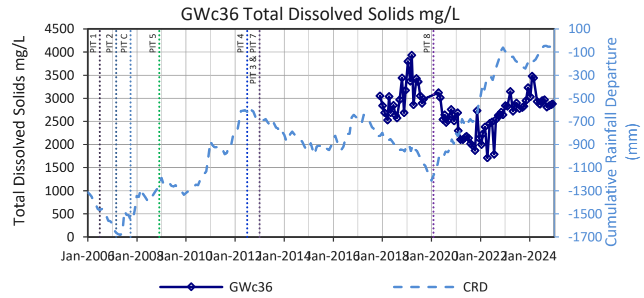

GWc35 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc35
CRD

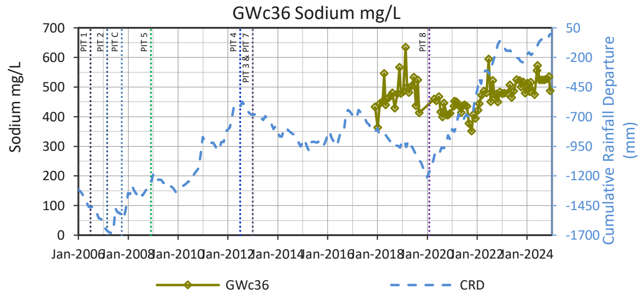

GWc35 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc35
CRD

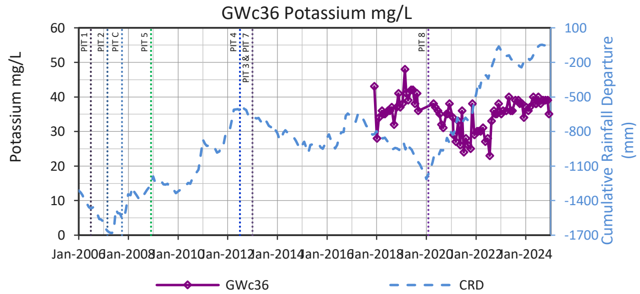

GWc35 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc35
CRD

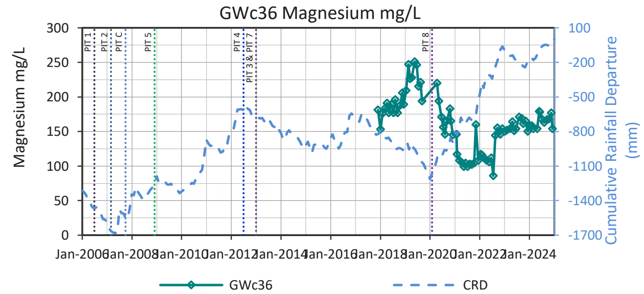

GWc36 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc36
CRD

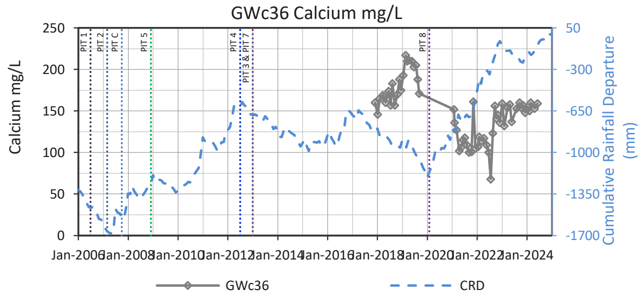

GWc36 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc36
CRD

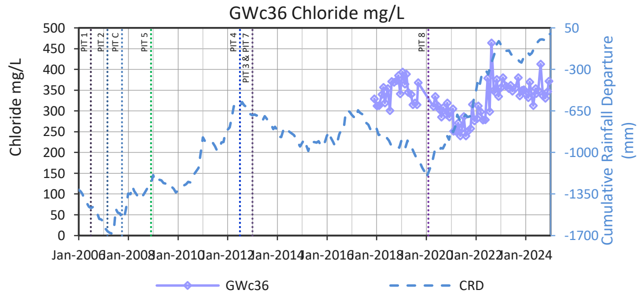

GWc36 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

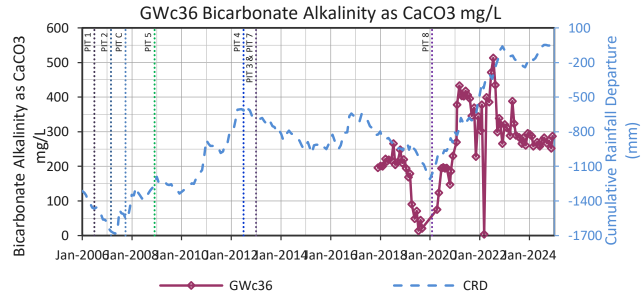

GWc36 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

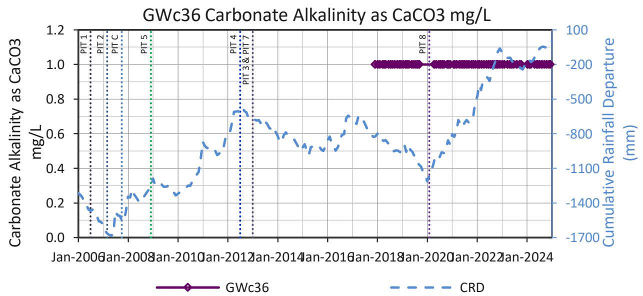

GWc36 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

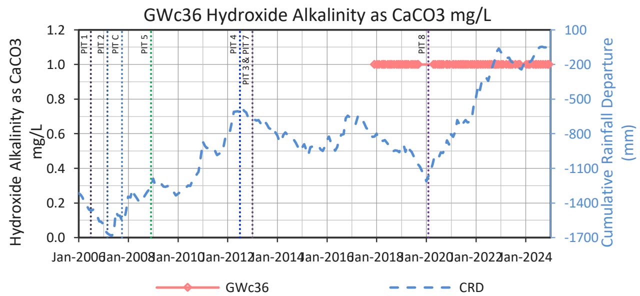

GWc36 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

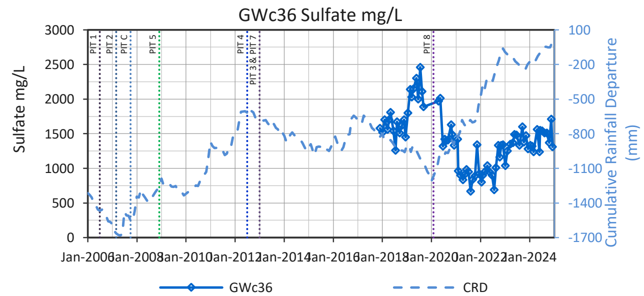

GWc36 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

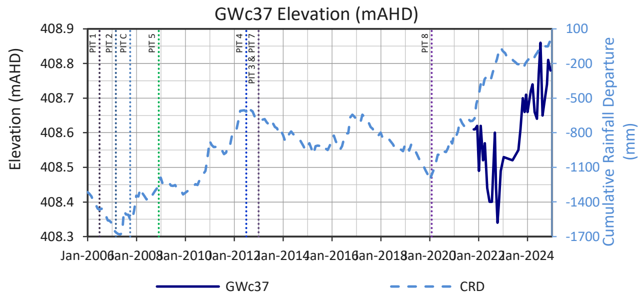

GWc36 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

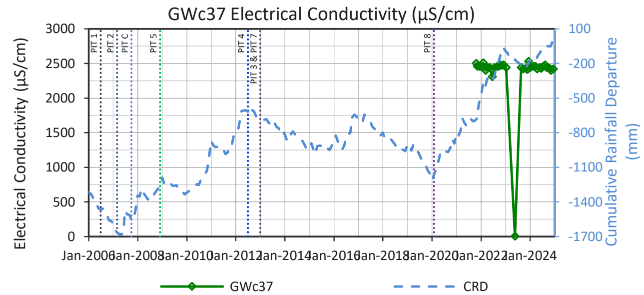

GWc36 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

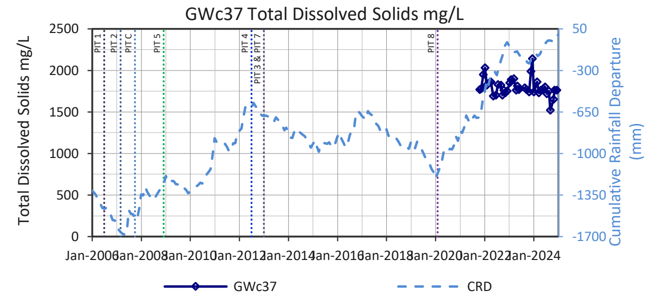

GWc36 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

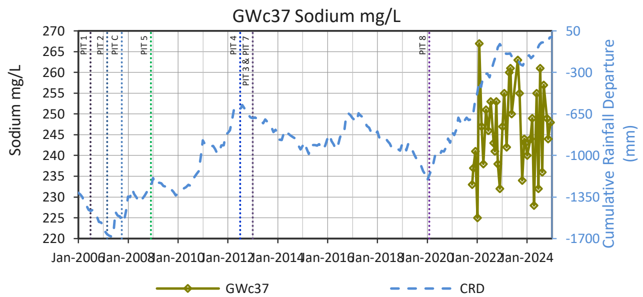

GWc36 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

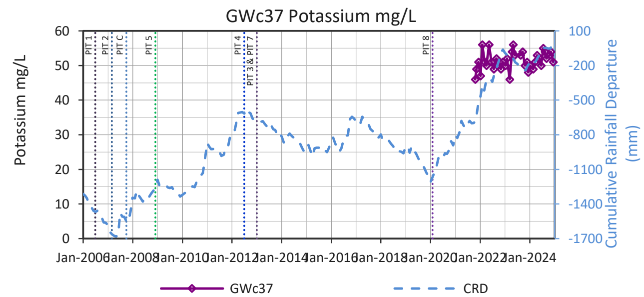

GWc36 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc36
CRD

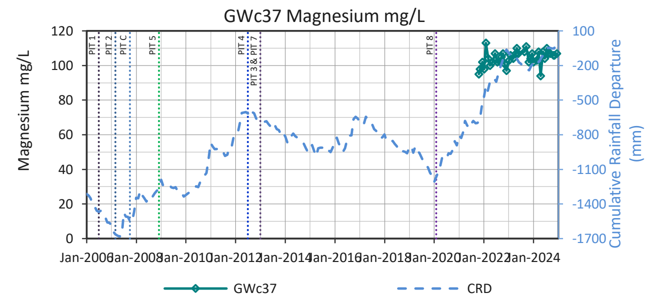

GWc37 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWc37
CRD

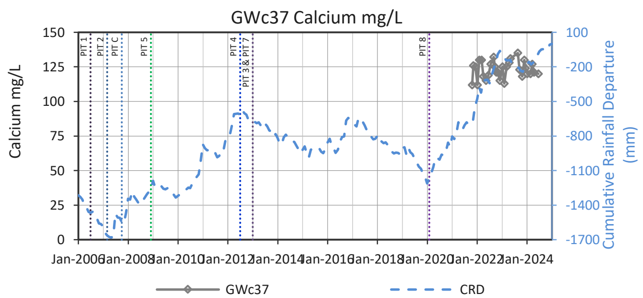

GWc37 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWc37
CRD

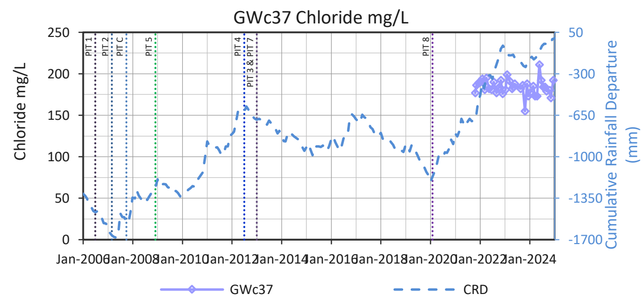

GWc37 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWc37
CRD

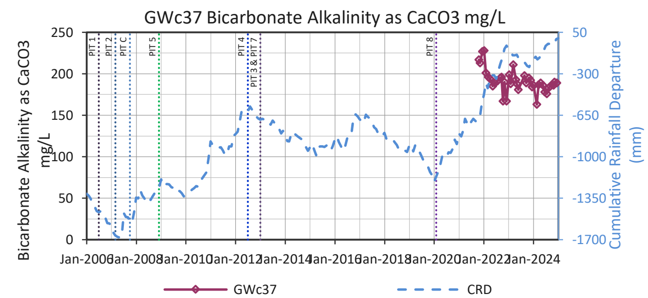

GWc37 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWc37
CRD

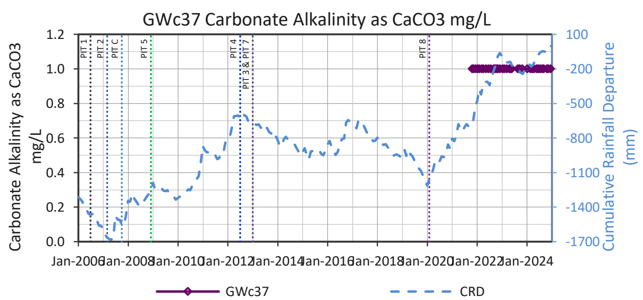

GWc37 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWc37
CRD

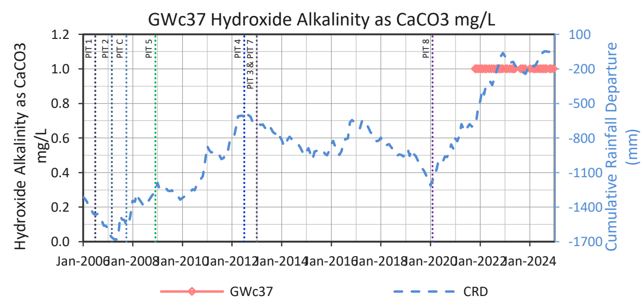

GWc37 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWc37
CRD

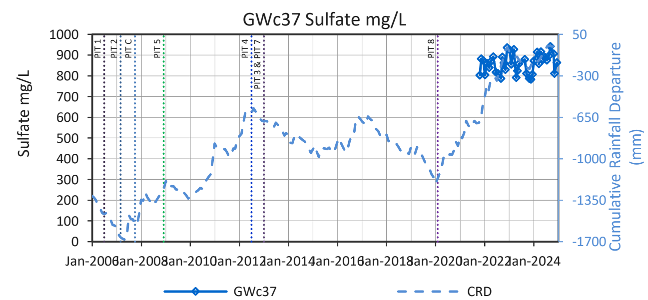

GWc37 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWc37
CRD

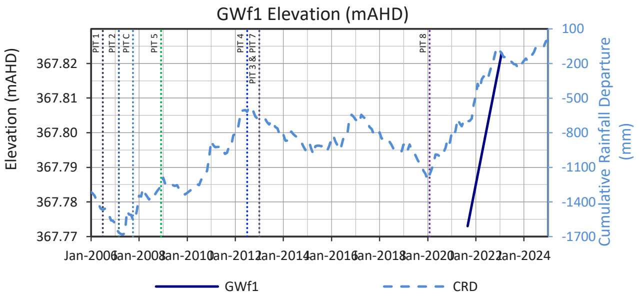

GWc37 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWc37
CRD

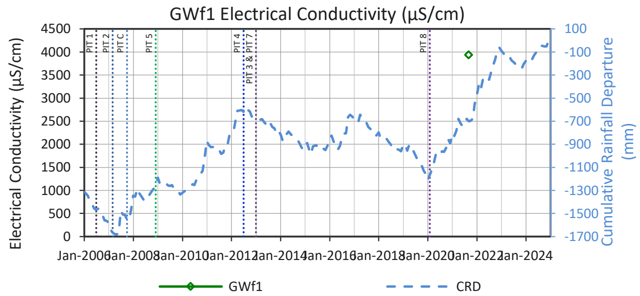

GWc37 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc37
CRD

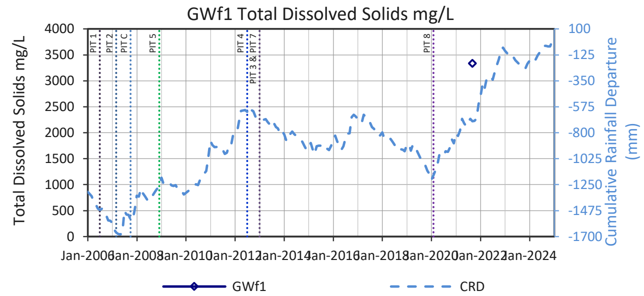

GWc37 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc37
CRD

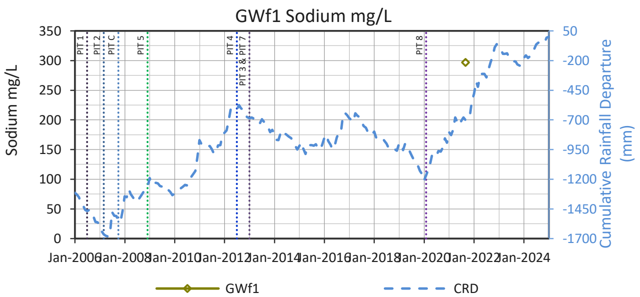

GWc37 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWc37
CRD

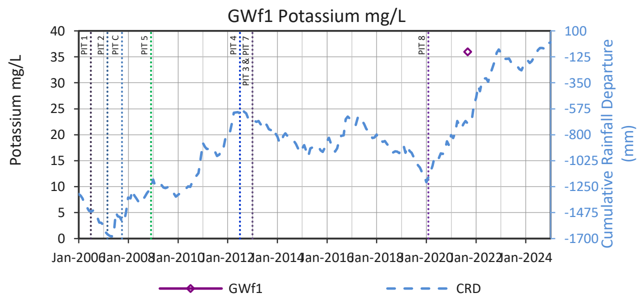

GWc37 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWc37
CRD

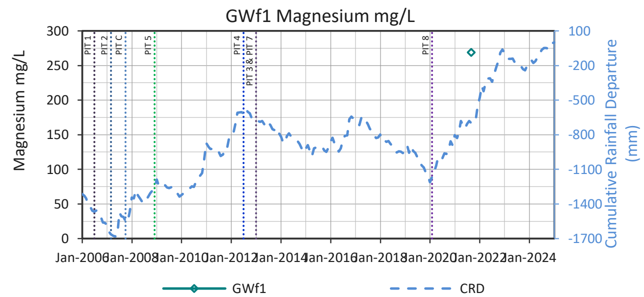

GWf1 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWf1
CRD

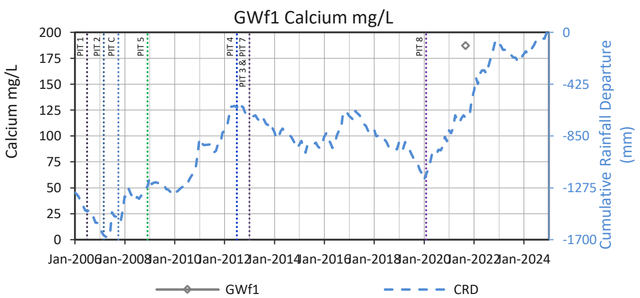

GWf1 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWf1
CRD

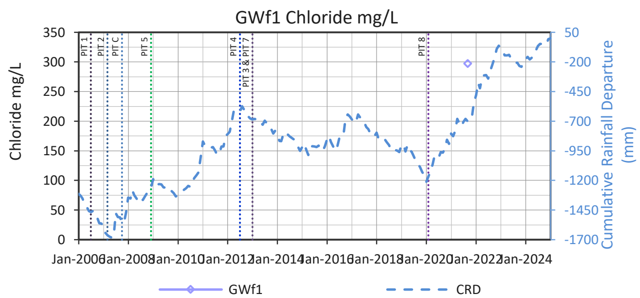

GWf1 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWf1
CRD

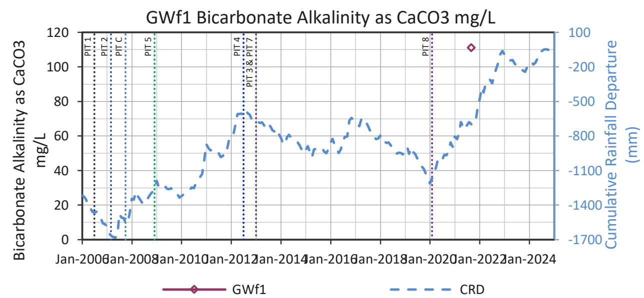

GWf1 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWf1
CRD

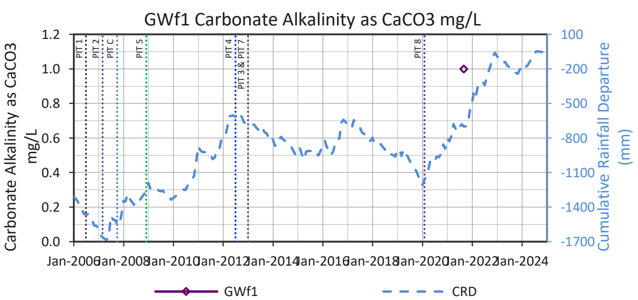

GWf1 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWf1
CRD

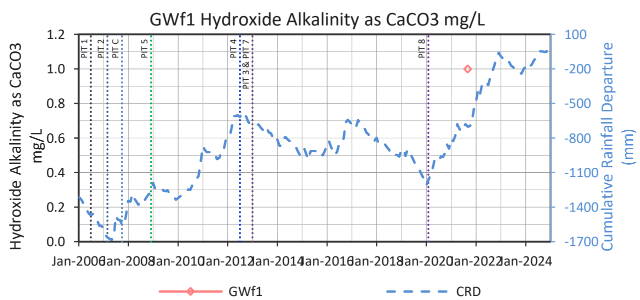

GWf1 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWf1
CRD

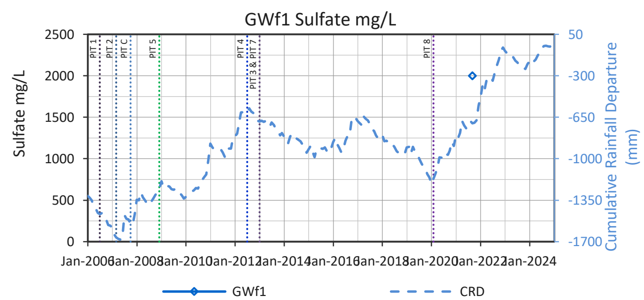

GWf1 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWf1
CRD

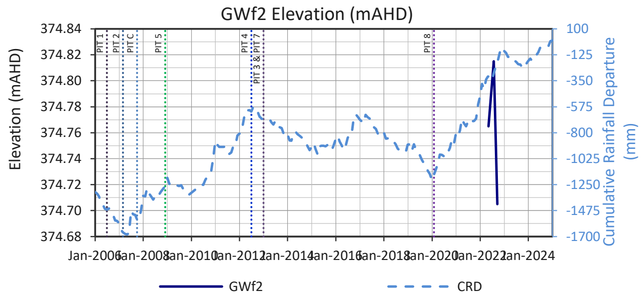

GWf1 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWf1
CRD


GWf1 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWf1
CRD


GWf1 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWf1
CRD

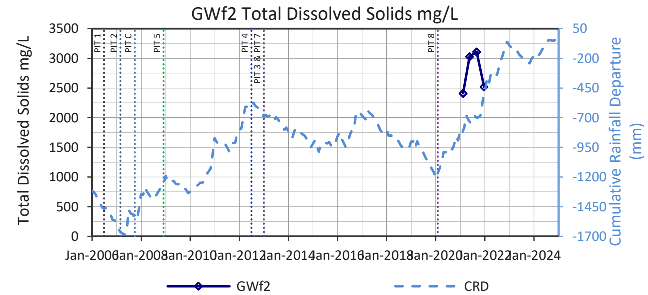

GWf1 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWf1
CRD

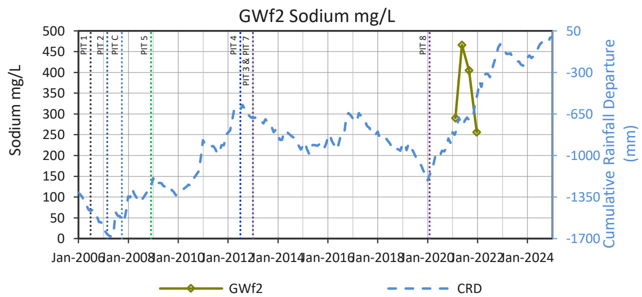

GWf1 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWf1
CRD

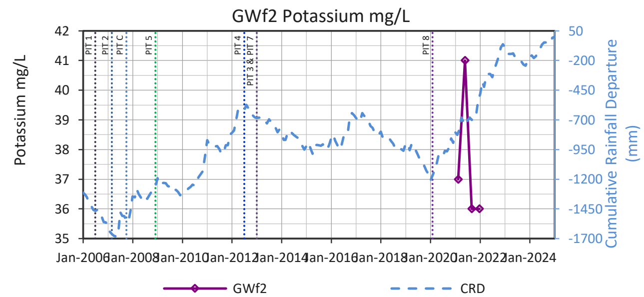


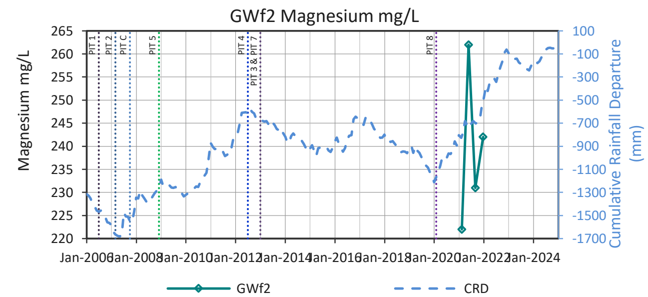

GWf2

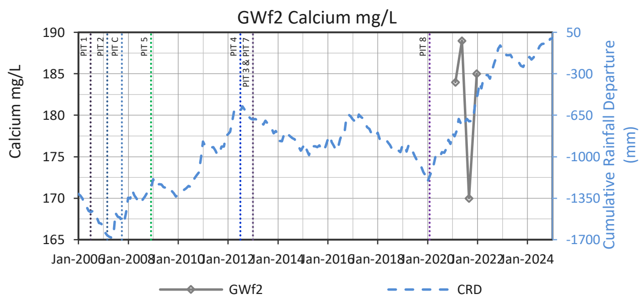
No Data Available for Electrical Conductivity (µS/cm)

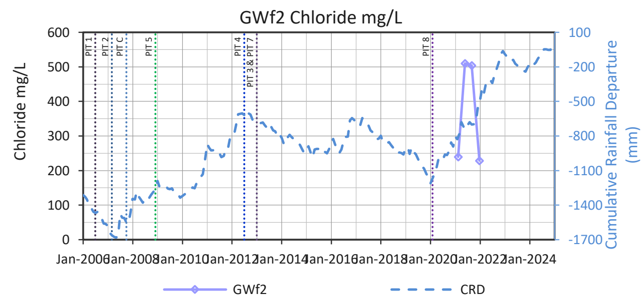


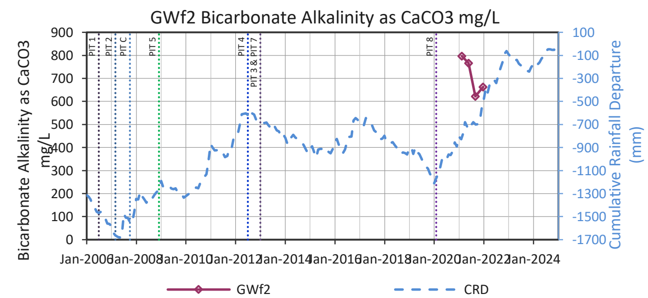



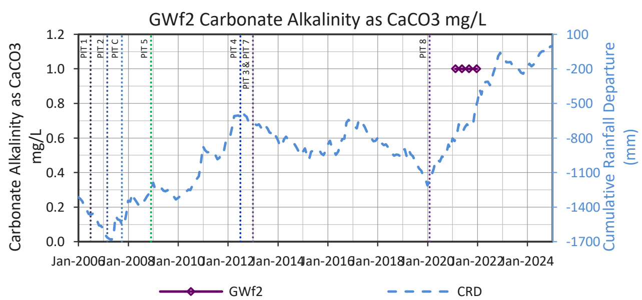



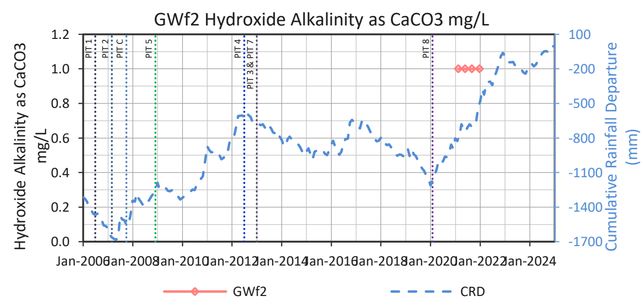



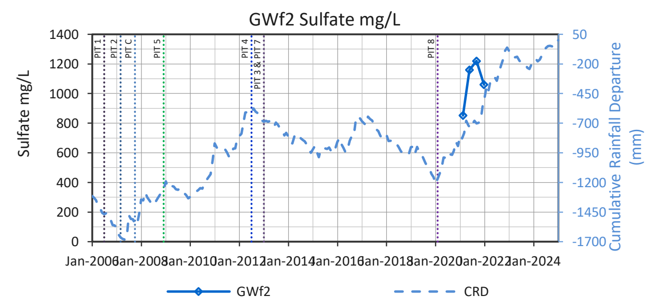



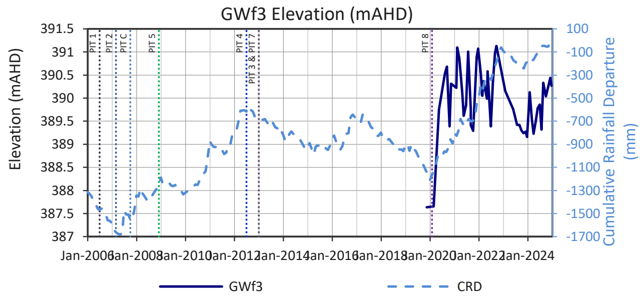



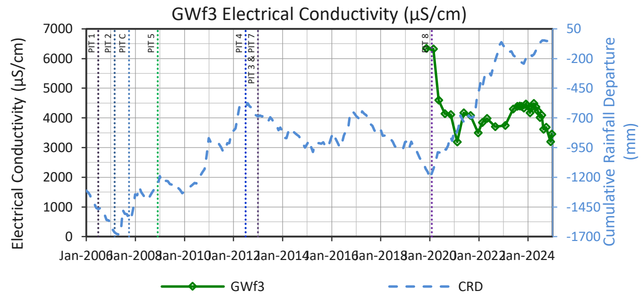



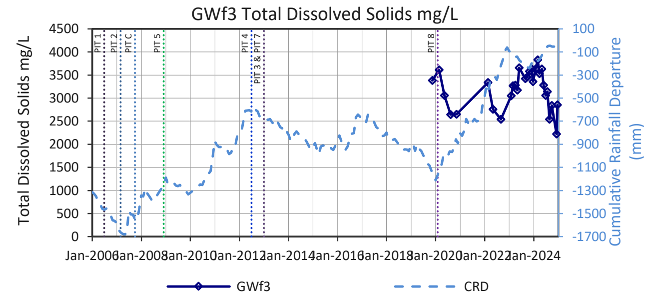



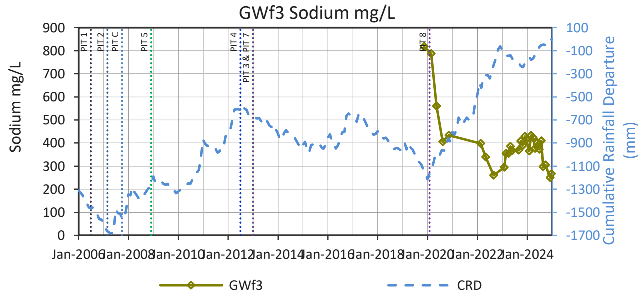



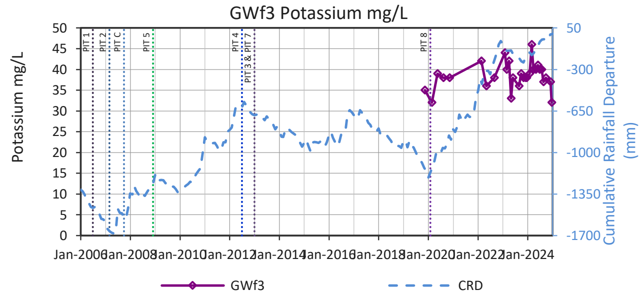



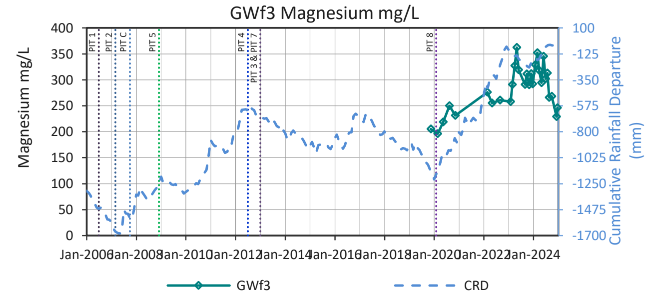

GWf3 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
GWf3
CRD

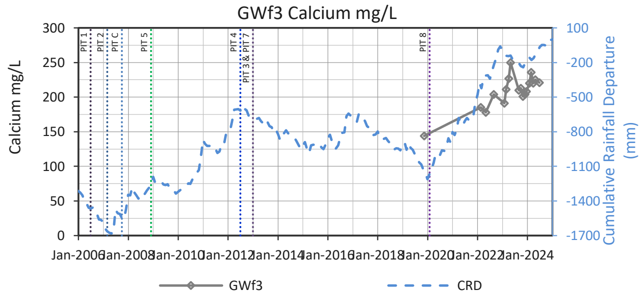

GWf3 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWf3
CRD

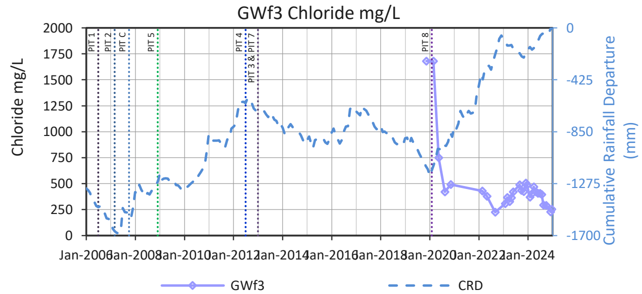

GWf3 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

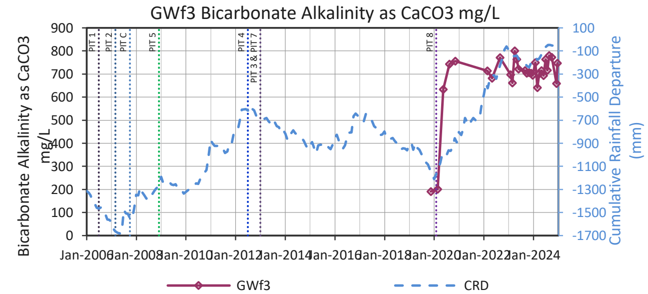

GWf3 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

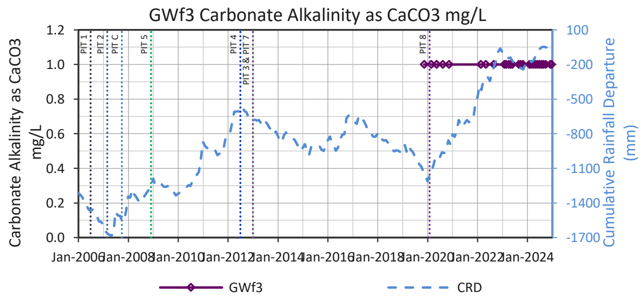

GWf3 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

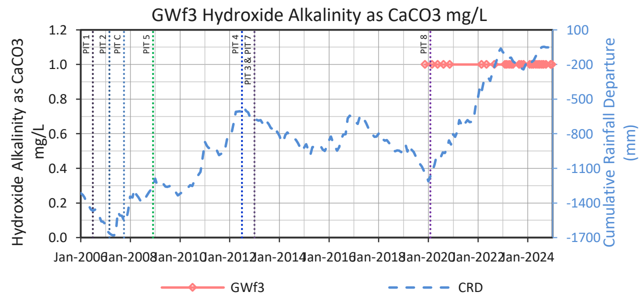

GWf3 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

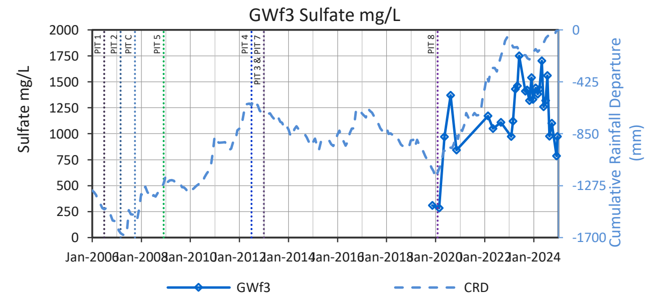

GWf3 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

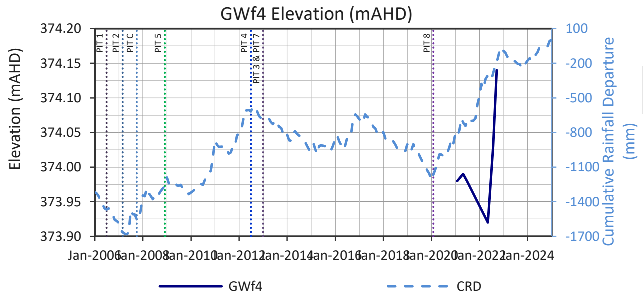

GWf3 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD


GWf3 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD


GWf3 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

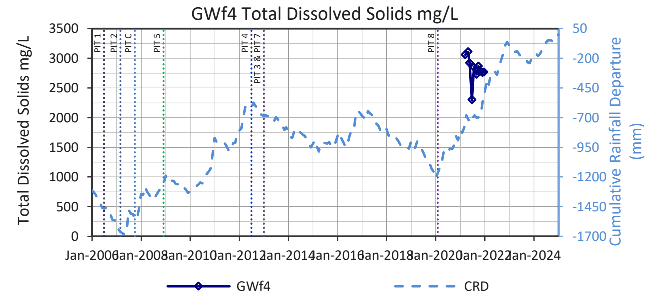

GWf3 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

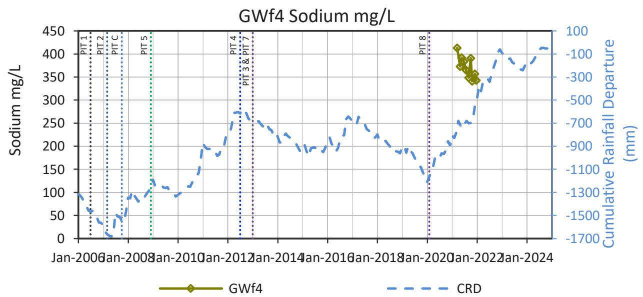

GWf3 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWf3
CRD

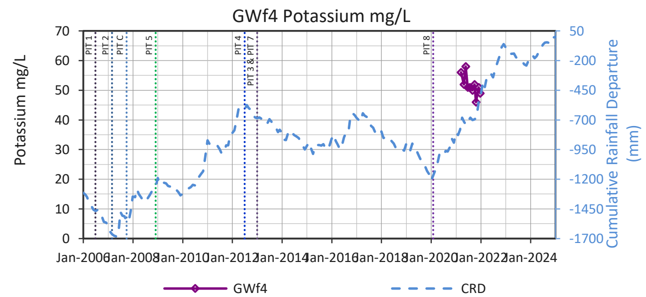


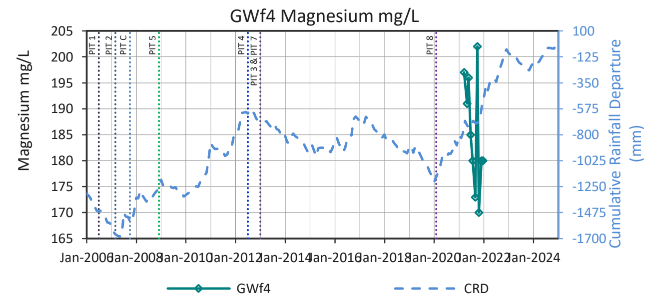

GWf4

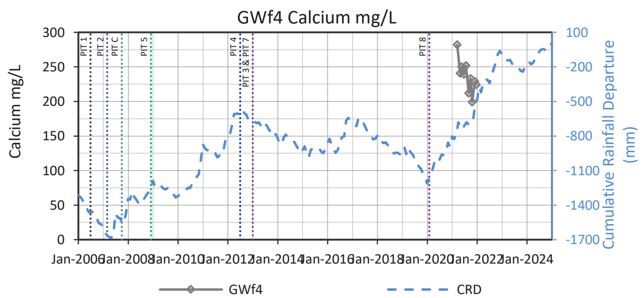
No Data Available for Electrical Conductivity (µS/cm)

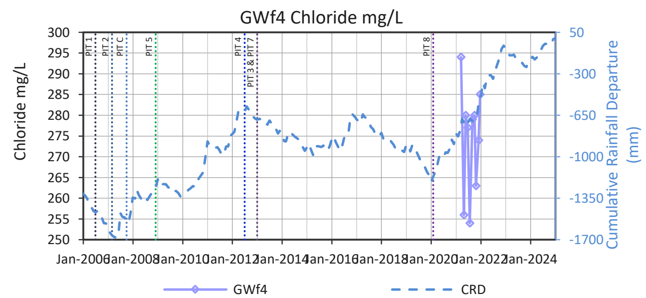


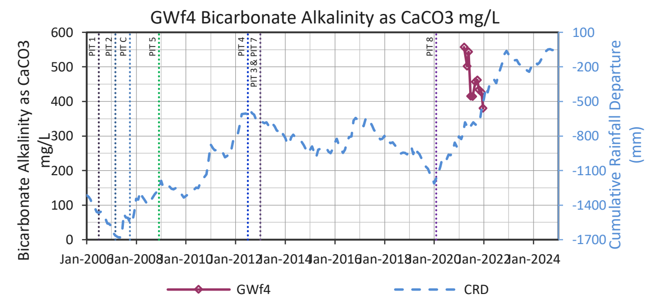



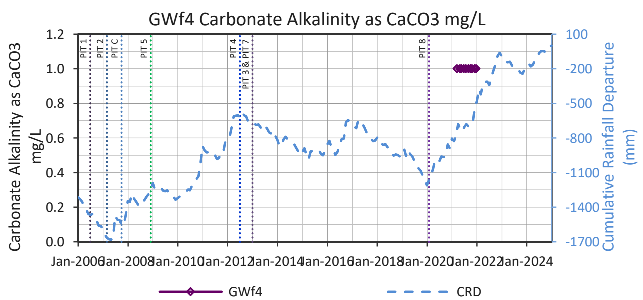



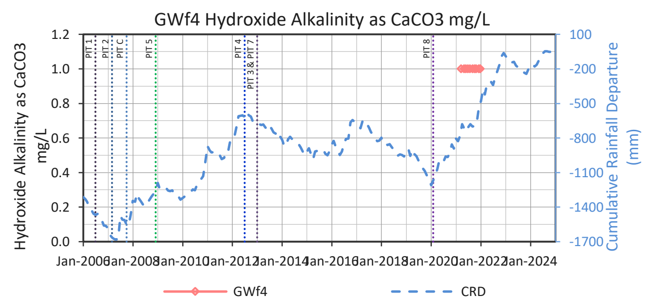



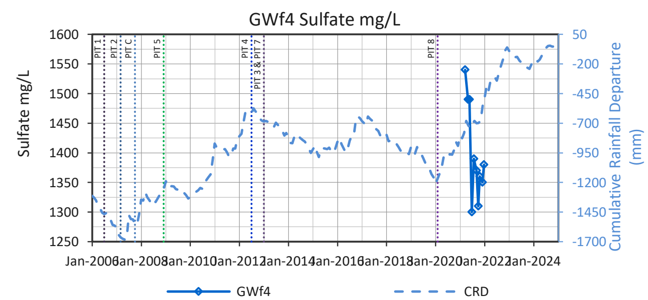



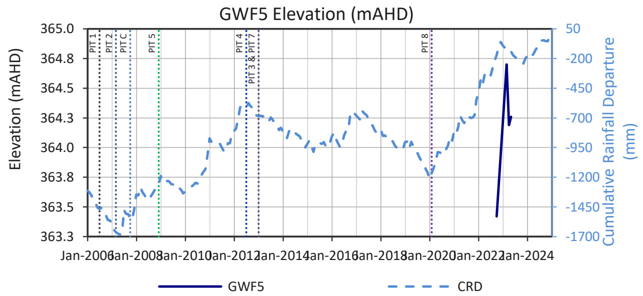



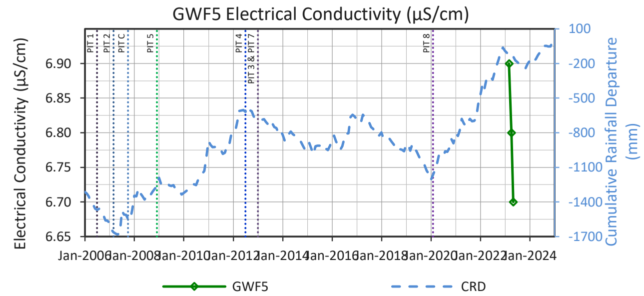



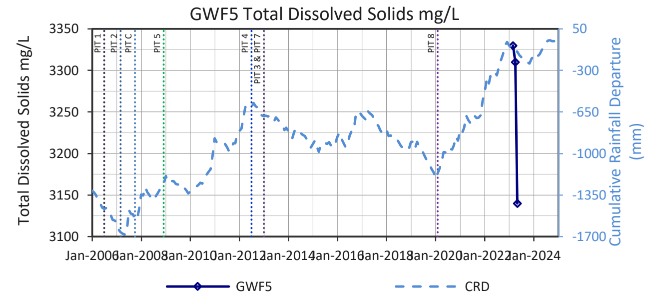



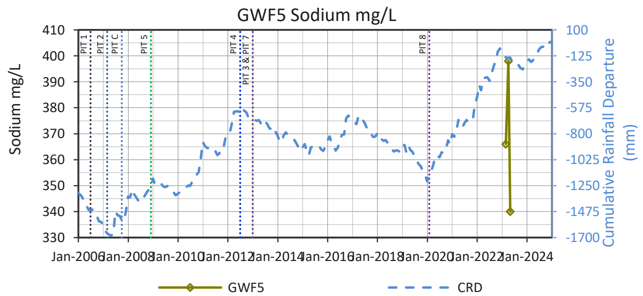



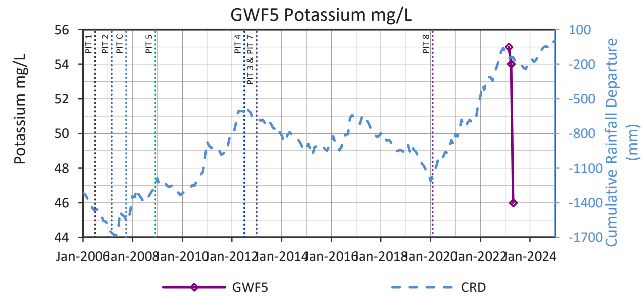



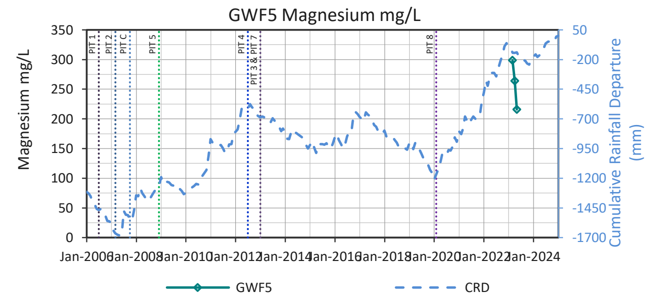

GWF5 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
GWF5
CRD

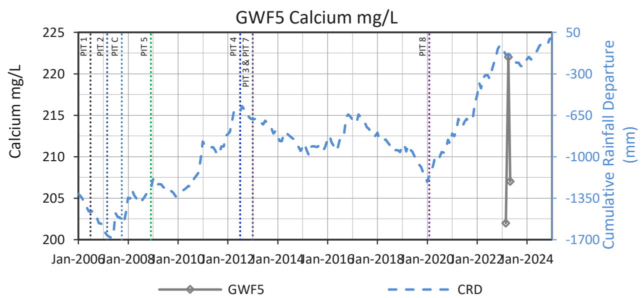

GWF5 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
GWF5
CRD

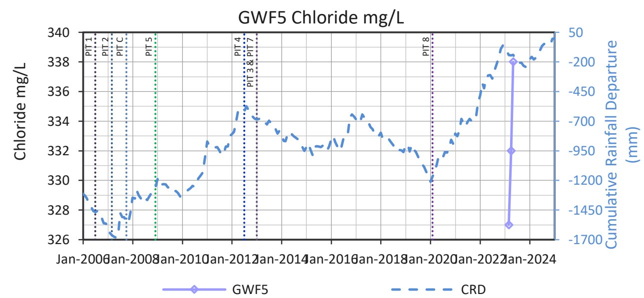

GWF5 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD

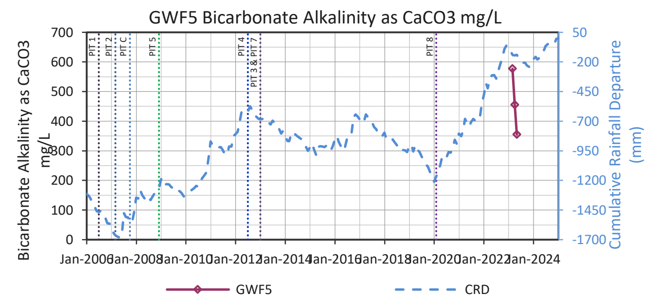

GWF5 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD

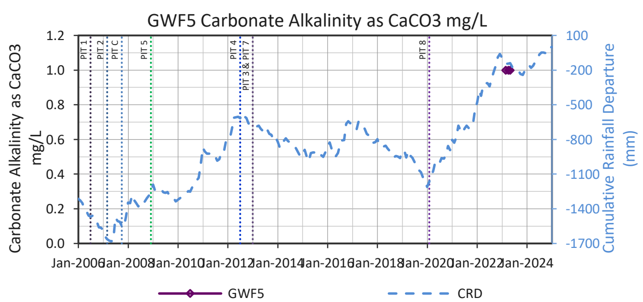

GWF5 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD

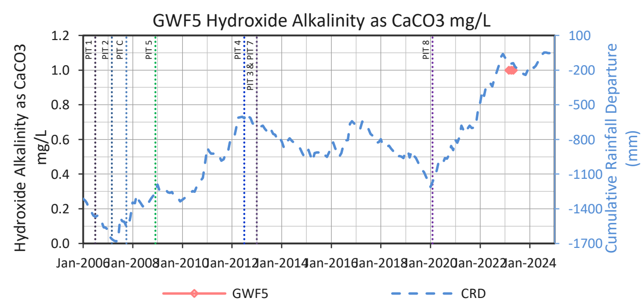

GWF5 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD

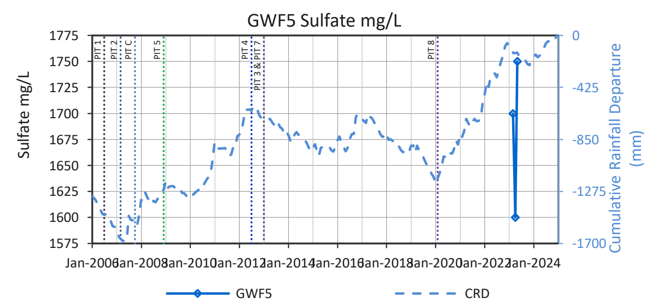

GWF5 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD

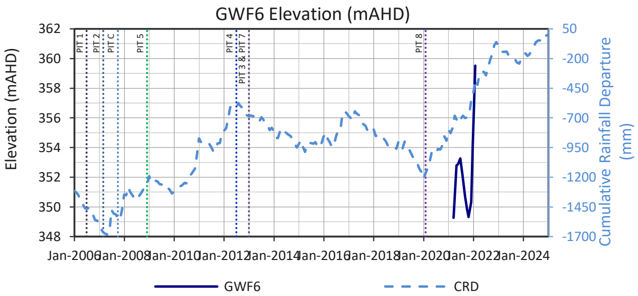

GWF5 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD

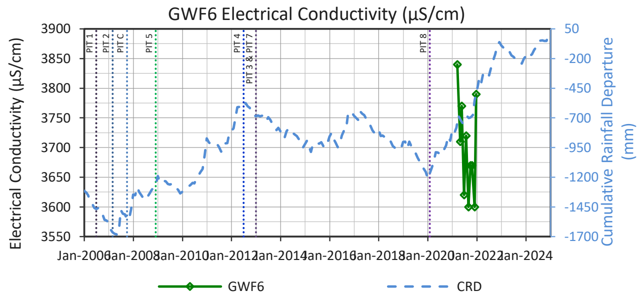

GWF5 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD


GWF5 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD


GWF5 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD


GWF5 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
GWF5
CRD




GWF6

No Data Available for Total Dissolved Solids mg/L

GWF6

No Data Available for Sodium mg/L

GWF6

No Data Available for Potassium mg/L

GWF6

No Data Available for Magnesium mg/L

GWF6

No Data Available for Calcium mg/L

GWF6

No Data Available for Chloride mg/L

GWF6

No Data Available for Bicarbonate Alkalinity as CaCO3 mg/L

GWF6

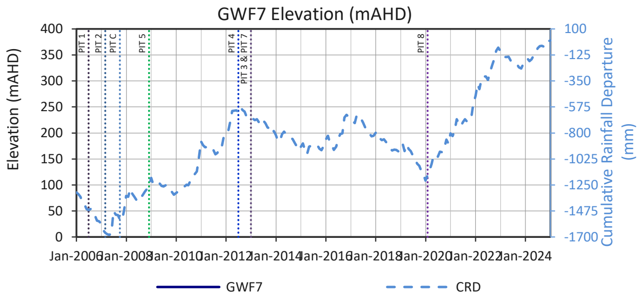
No Data Available for Carbonate Alkalinity as CaCO3 mg/L

GWF6

No Data Available for Hydroxide Alkalinity as CaCO3 mg/L

GWF6

No Data Available for Sulfate mg/L




GWF7

No Data Available for Electrical Conductivity (µS/cm)

GWF7

No Data Available for Total Dissolved Solids mg/L

GWF7

No Data Available for Sodium mg/L

GWF7

No Data Available for Potassium mg/L

GWF7

No Data Available for Magnesium mg/L

GWF7

No Data Available for Calcium mg/L

GWF7

No Data Available for Chloride mg/L

GWF7

No Data Available for Bicarbonate Alkalinity as CaCO3 mg/L

GWF7

No Data Available for Carbonate Alkalinity as CaCO3 mg/L

GWF7

No Data Available for Hydroxide Alkalinity as CaCO3 mg/L

GWF7

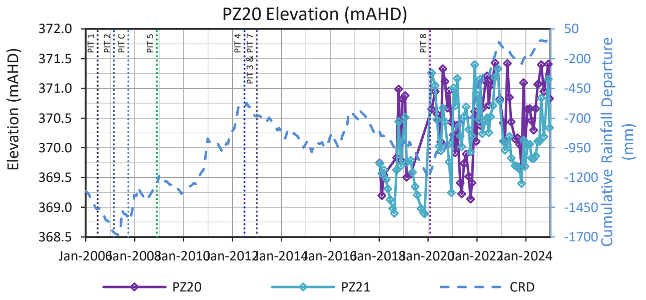
No Data Available for Sulfate mg/L

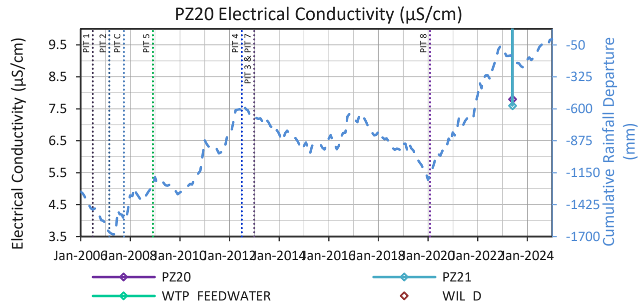
| PZ13 | PZ13 | PZ13 |
|---|---|---|
| No Data Available for Elevation (mAHD) | No Data Available for Electrical Conductivity (µS/cm) | No Data Available for Total Dissolved Solids mg/L |

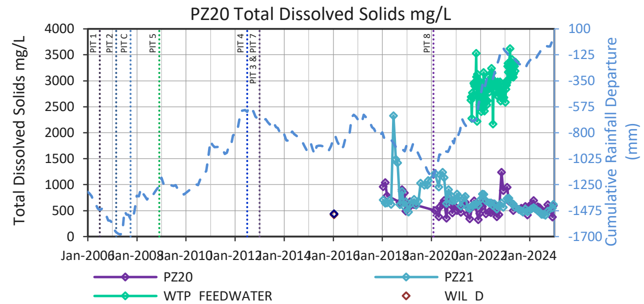
| PZ13 | PZ13 | PZ13 |
|---|---|---|
| No Data Available for Sodium mg/L | No Data Available for Potassium mg/L | No Data Available for Magnesium mg/L |

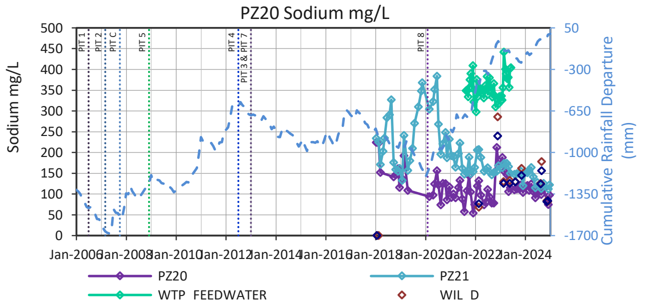
| PZ13 | PZ13 | PZ13 |
|---|---|---|
| No Data Available for Calcium mg/L | No Data Available for Chloride mg/L | No Data Available for Bicarbonate Alkalinity as CaCO3 mg/L |

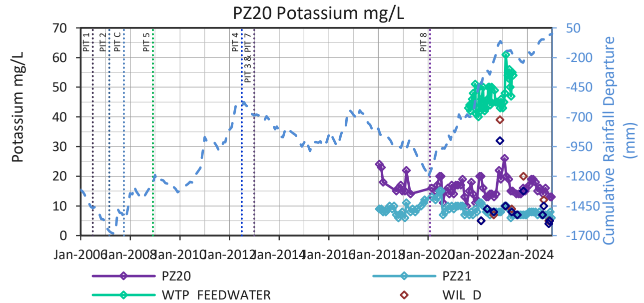
| PZ13 | PZ13 | PZ13 |
|---|---|---|
| No Data Available for Carbonate Alkalinity as CaCO3 mg/L | No Data Available for Hydroxide Alkalinity as CaCO3 mg/L | No Data Available for Sulfate mg/L |

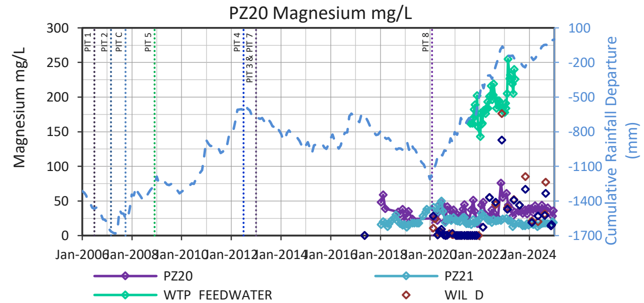

PZ20 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PZ20
PZ21
CRD

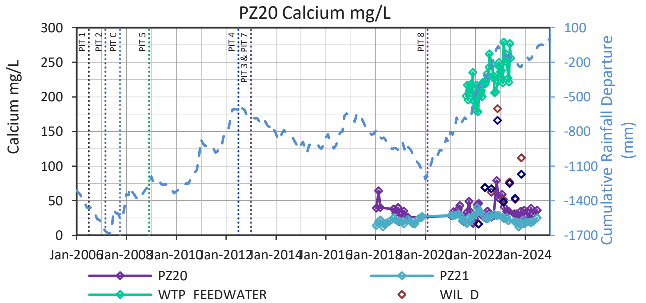

PZ20 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

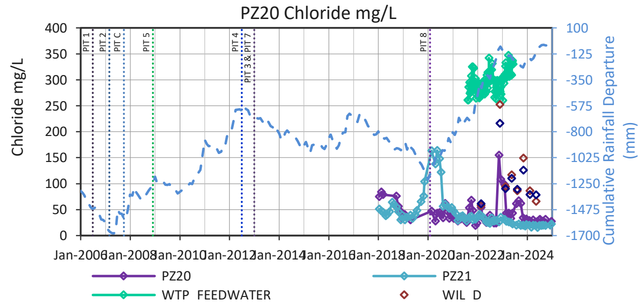

PZ20 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

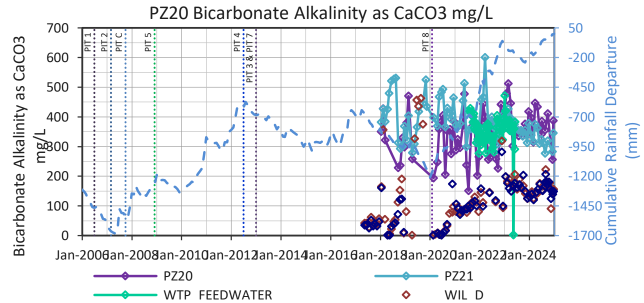

PZ20 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

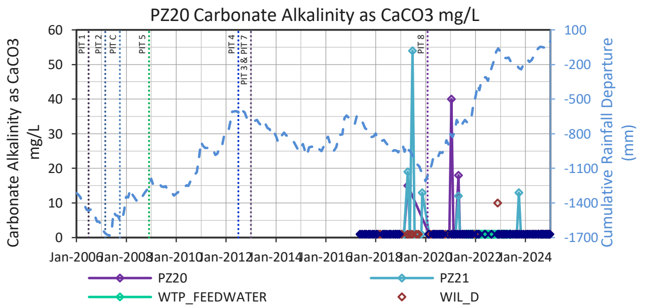

PZ20 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

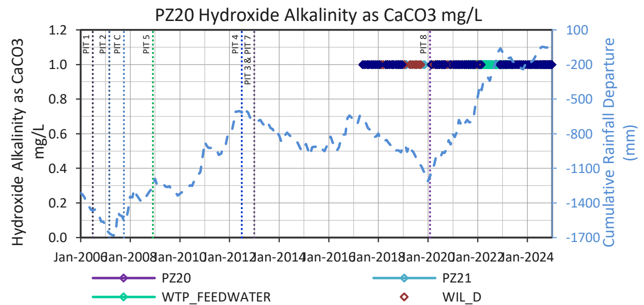

PZ20 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

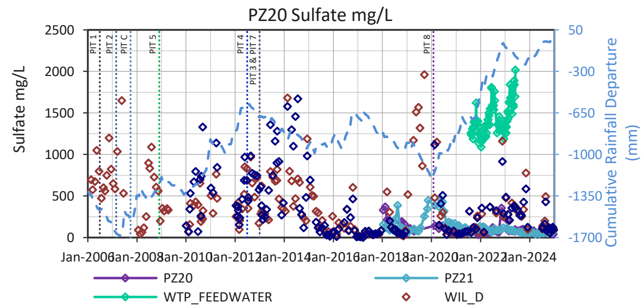

PZ20 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

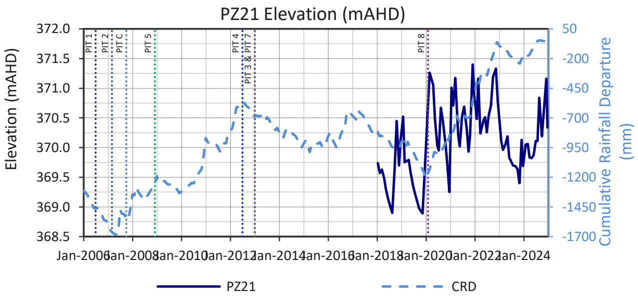

PZ20 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

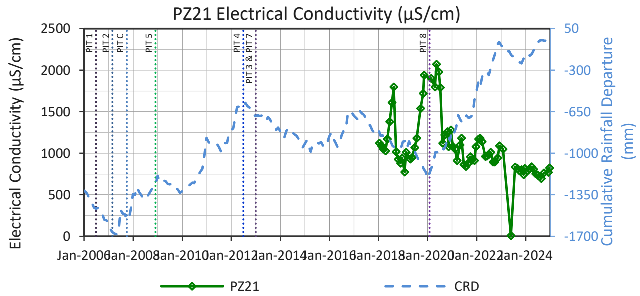

PZ20 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP FEEDWATER
WIL D

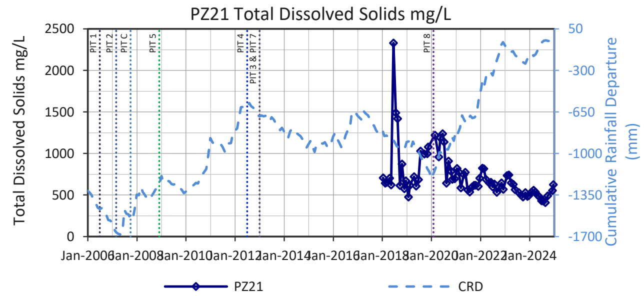

PZ20 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP_FEEDWATER
WIL_D

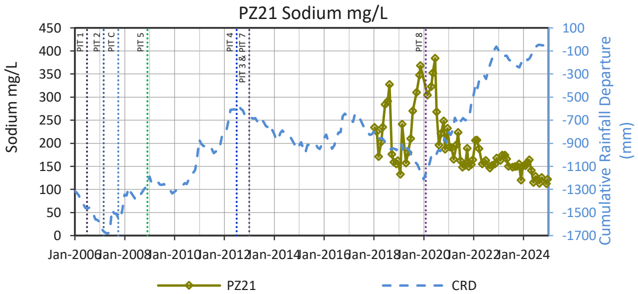

PZ20 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP_FEEDWATER
WIL_D

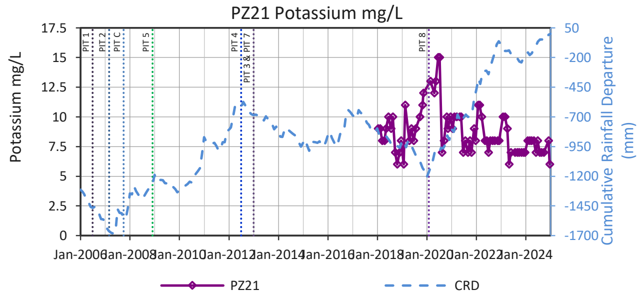

PZ20 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
PZ20
PZ21
WTP_FEEDWATER
WIL_D

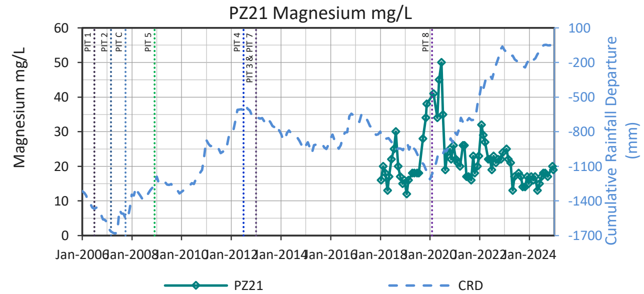

PZ21 Elevation (mAHD)
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PZ21
CRD

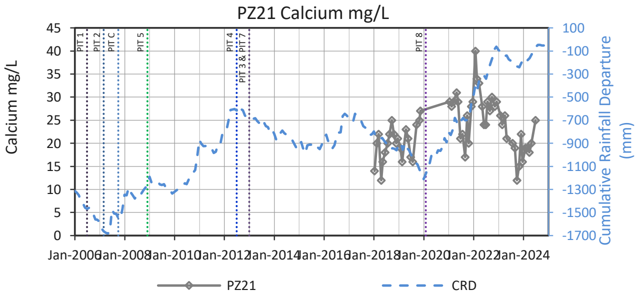

PZ21 Electrical Conductivity (µS/cm)
Electrical Conductivity (µS/cm)
Cumulative Rainfall Departure (mm)
PZ21
CRD

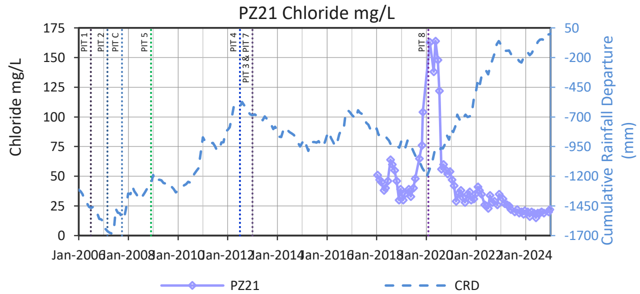

PZ21 Total Dissolved Solids mg/L
Total Dissolved Solids mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD

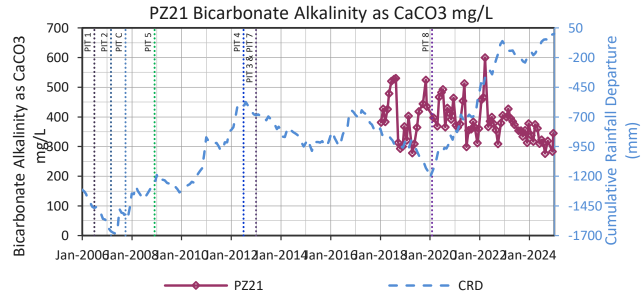

PZ21 Sodium mg/L
Sodium mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD

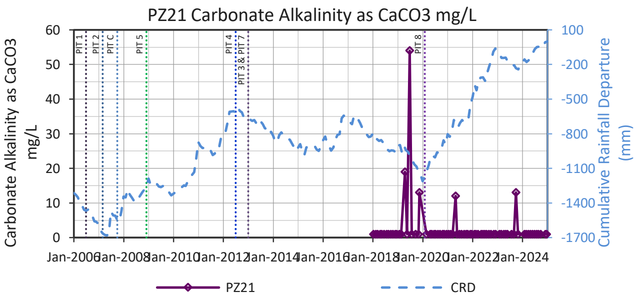

PZ21 Potassium mg/L
Potassium mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD

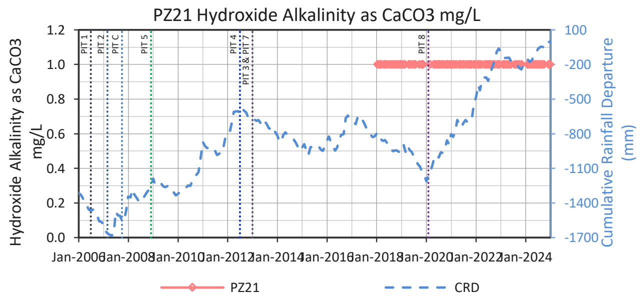

PZ21 Magnesium mg/L
Magnesium mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD

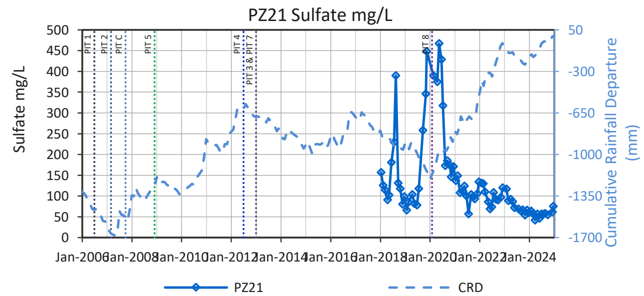

PZ21 Calcium mg/L
Calcium mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD


PZ21 Chloride mg/L
Chloride mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD


PZ21 Bicarbonate Alkalinity as CaCO3 mg/L
Bicarbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD


PZ21 Carbonate Alkalinity as CaCO3 mg/L
Carbonate Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD


PZ21 Hydroxide Alkalinity as CaCO3 mg/L
Hydroxide Alkalinity as CaCO3 mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD


PZ21 Sulfate mg/L
Sulfate mg/L
Cumulative Rainfall Departure (mm)
PZ21
CRD

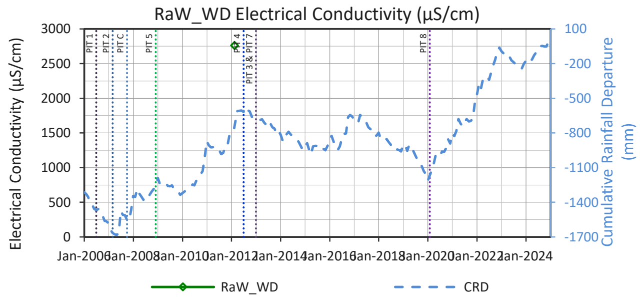
| PZ26 | PZ26 | PZ26 |
|---|---|---|
| No Data Available for Elevation (mAHD) | No Data Available for Electrical Conductivity (µS/cm) | No Data Available for Total Dissolved Solids mg/L |

| PZ26 | PZ26 | PZ26 |
|---|---|---|
| No Data Available for Sodium mg/L | No Data Available for Potassium mg/L | No Data Available for Magnesium mg/L |

| PZ26 | PZ26 | PZ26 |
|---|---|---|
| No Data Available for Calcium mg/L | No Data Available for Chloride mg/L | No Data Available for Bicarbonate Alkalinity as CaCO3 mg/L |

| PZ26 | PZ26 | PZ26 |
|---|---|---|
| No Data Available for Carbonate Alkalinity as CaCO3 mg/L | No Data Available for Hydroxide Alkalinity as CaCO3 mg/L | No Data Available for Sulfate mg/L |

No Data Available for Elevation (mAHD)




No Data Available for Total Dissolved Solids mg/L

No Data Available for Sodium mg/L

No Data Available for Potassium mg/L

No Data Available for Magnesium mg/L

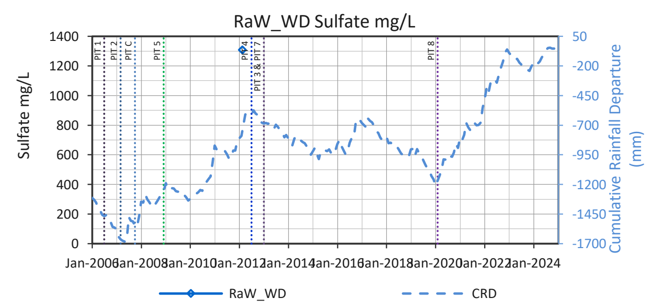
No Data Available for Calcium mg/L

No Data Available for Chloride mg/L

No Data Available for Bicarbonate Alkalinity as CaCO3 mg/L

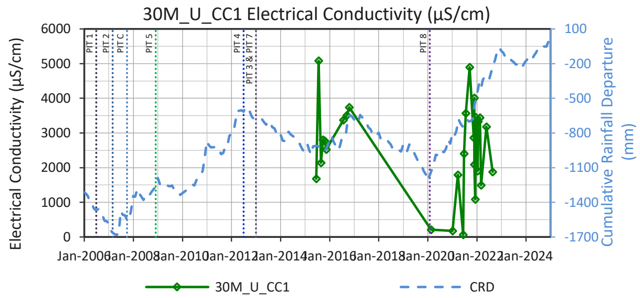
No Data Available for Carbonate Alkalinity as CaCO3 mg/L

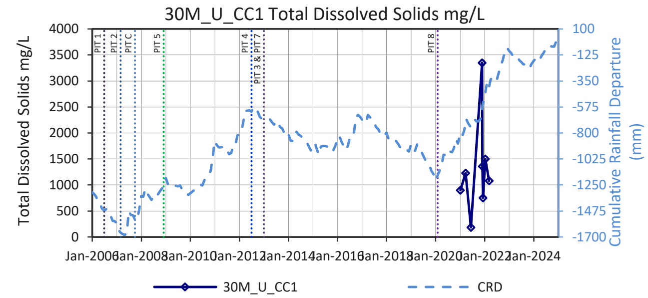
No Data Available for Hydroxide Alkalinity as CaCO3 mg/L

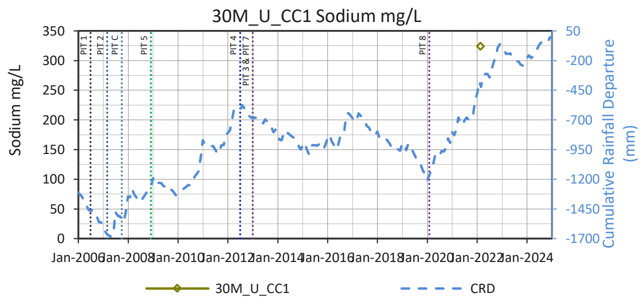


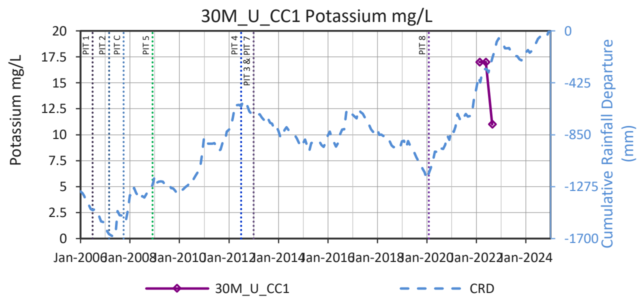
30M_U_CC1

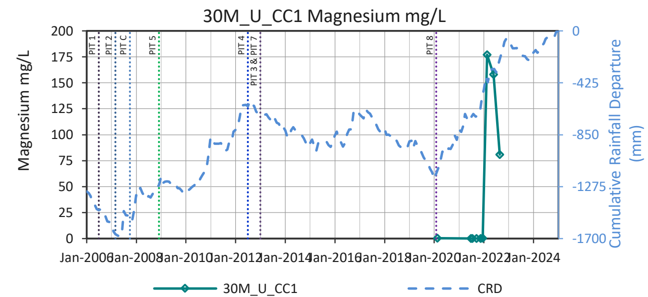
No Data Available for Elevation (mAHD)

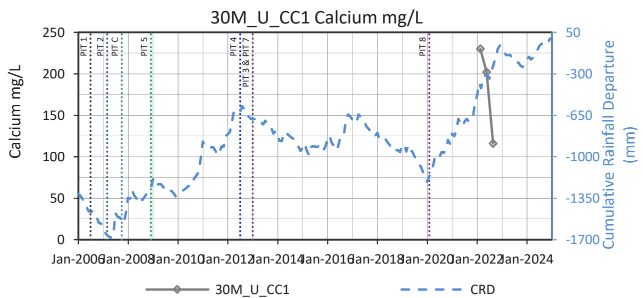


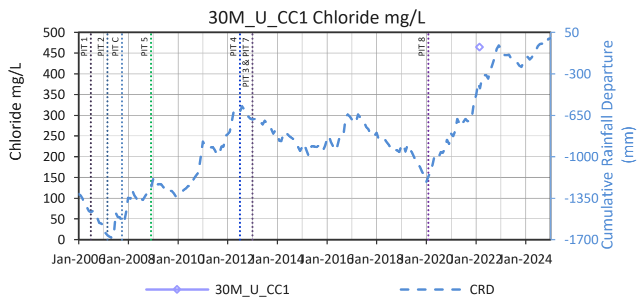



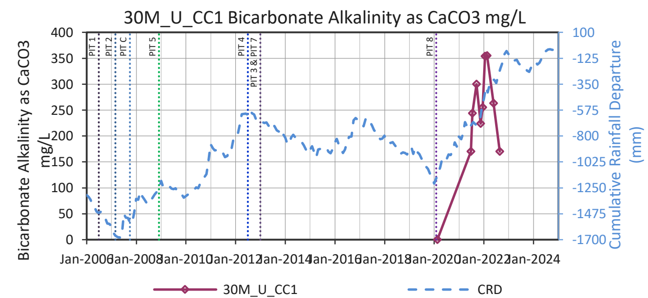



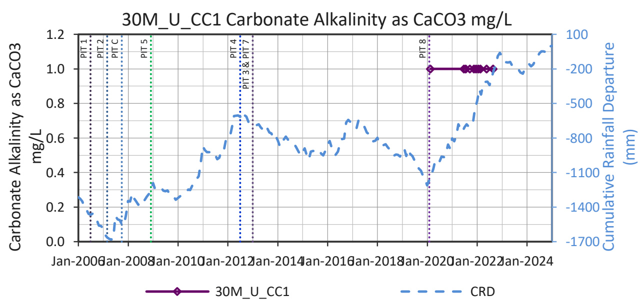



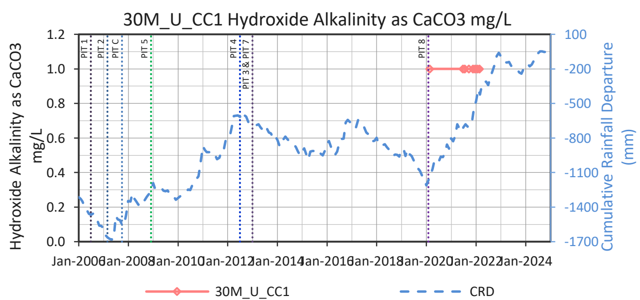



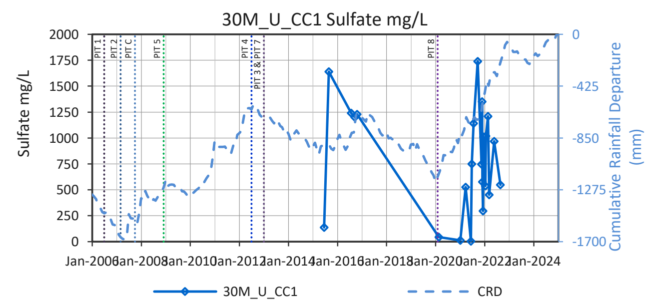



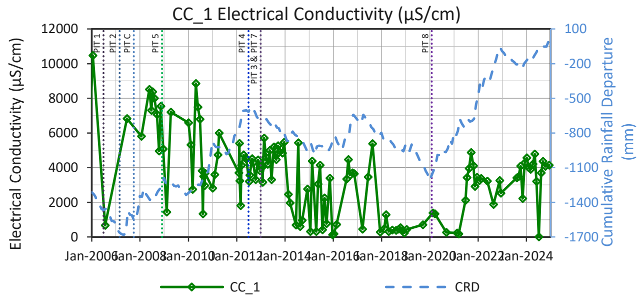



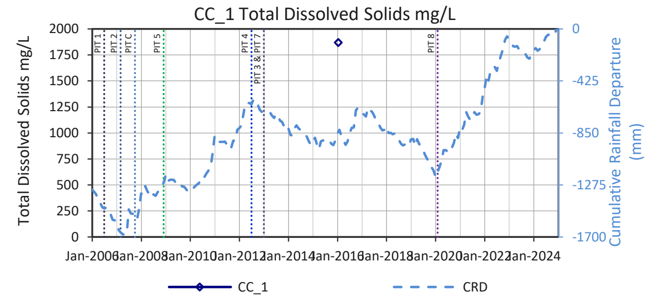



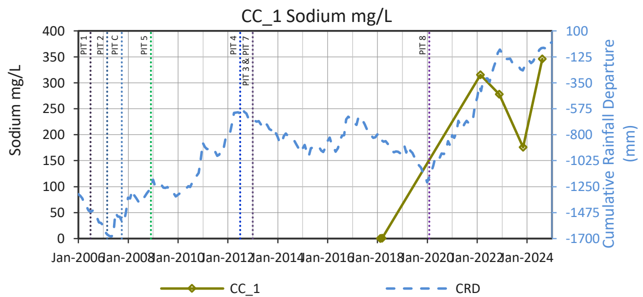



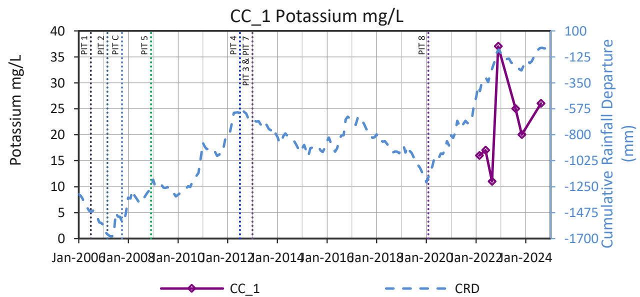
CC_1

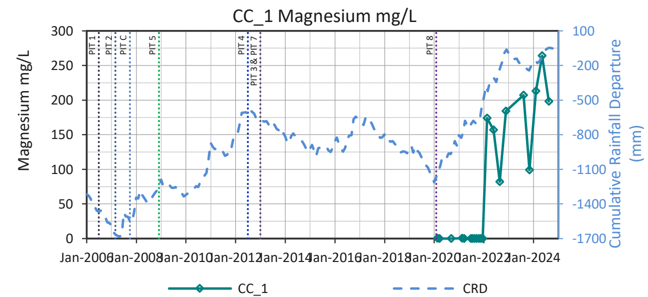
No Data Available for Elevation (mAHD)

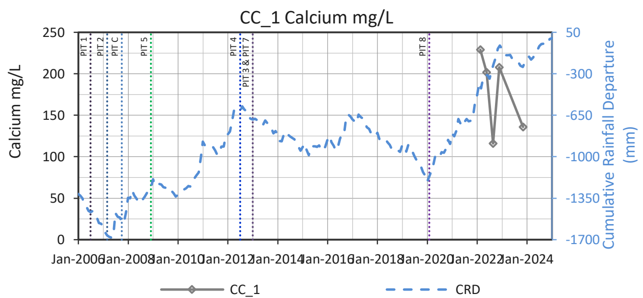


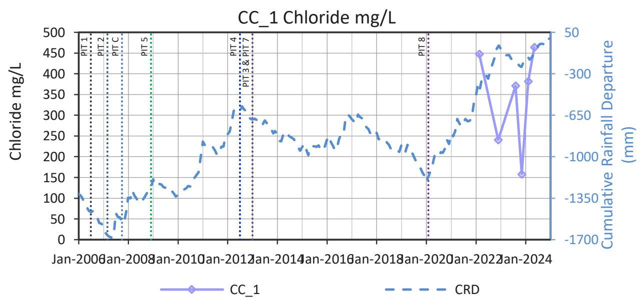



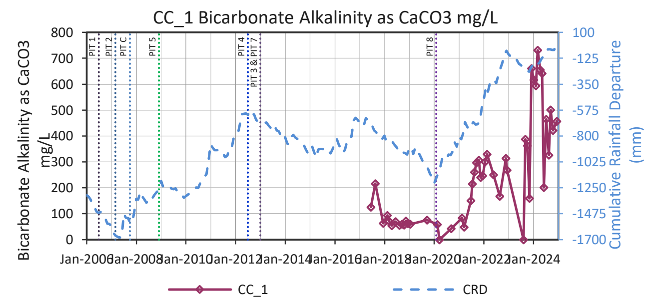



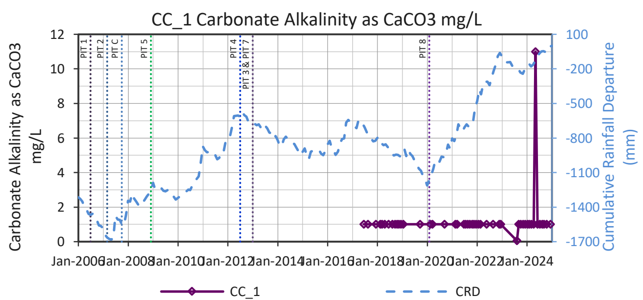



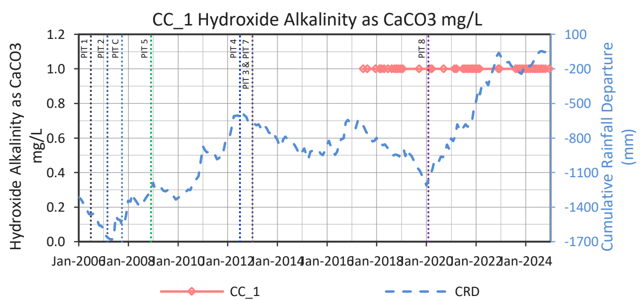



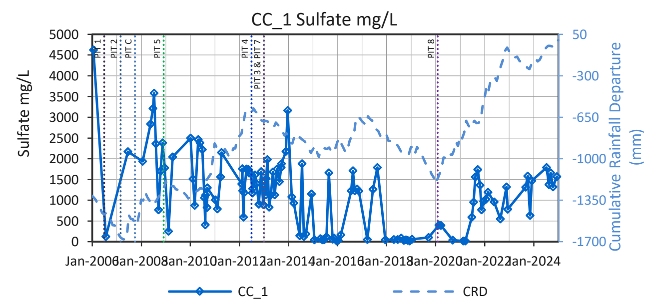



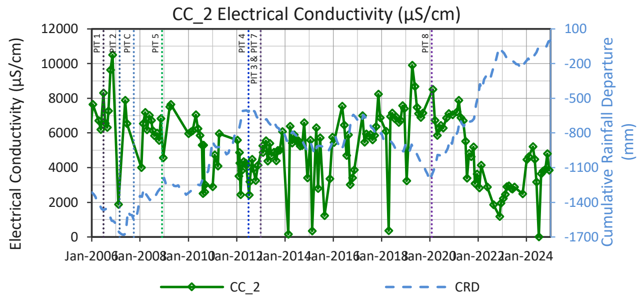



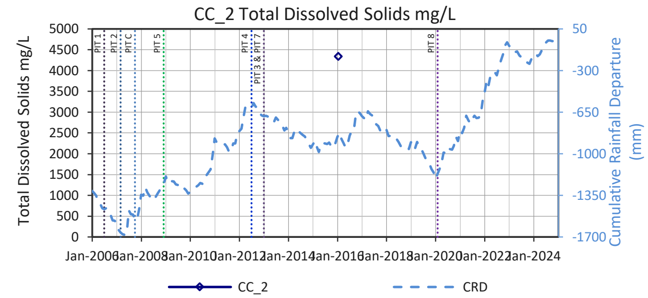



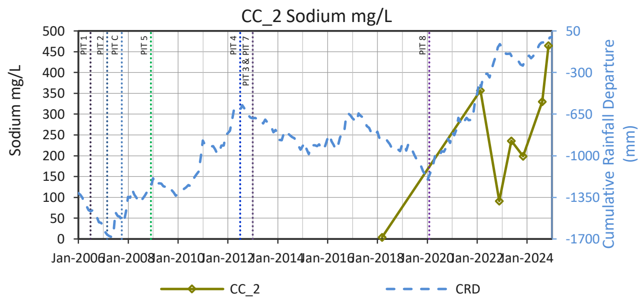



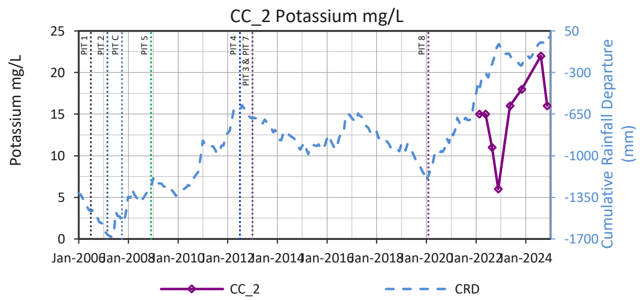
CC_2

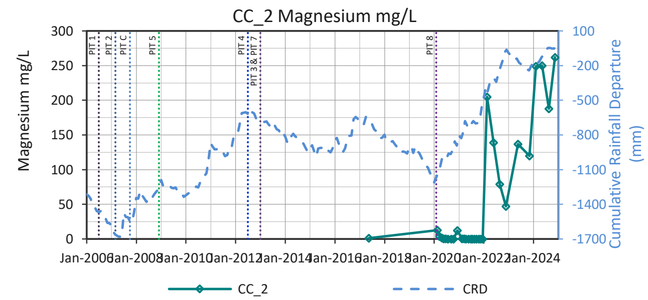
No Data Available for Elevation (mAHD)

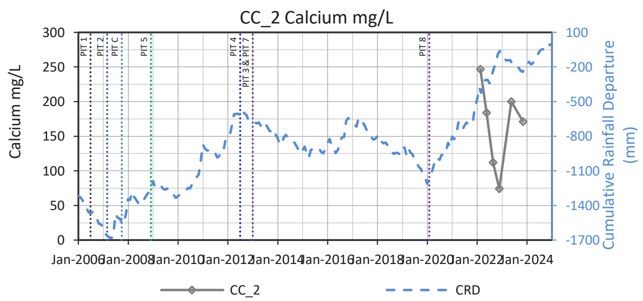


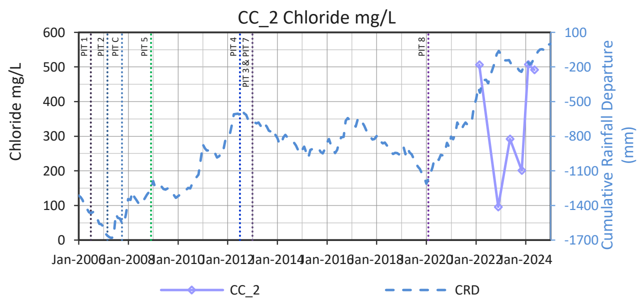



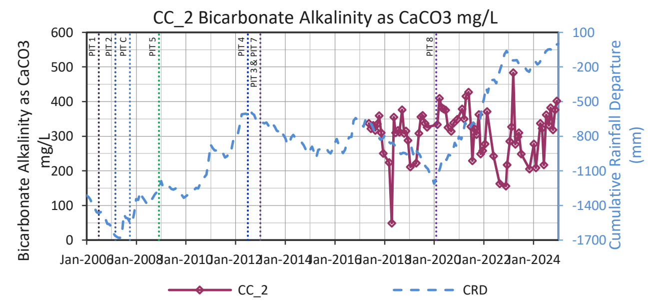



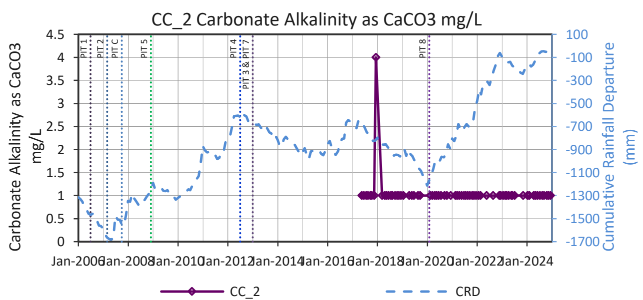



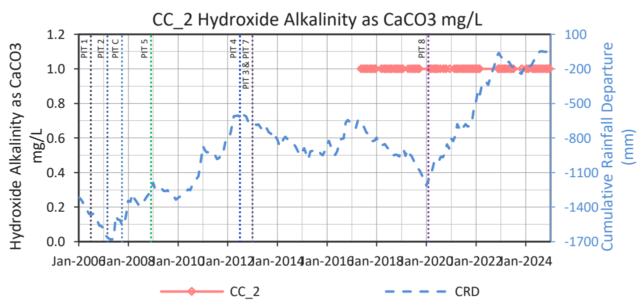



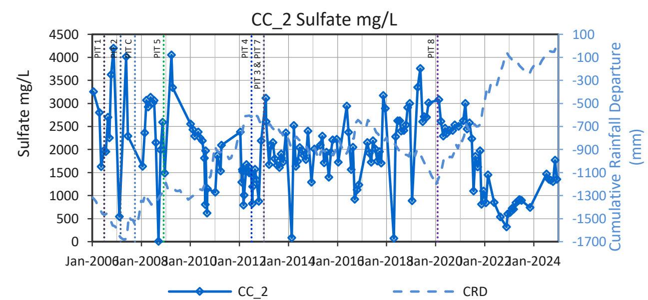



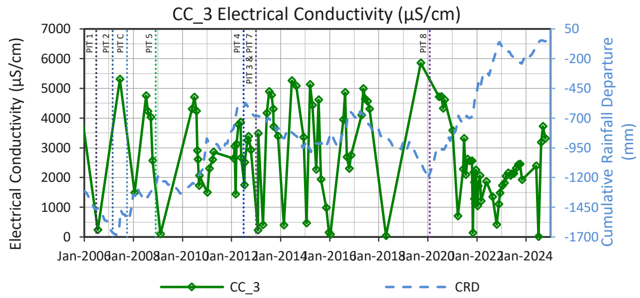



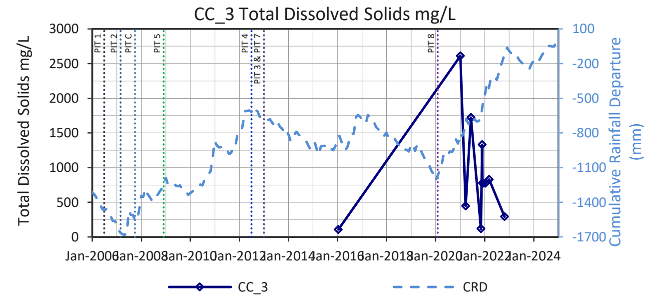



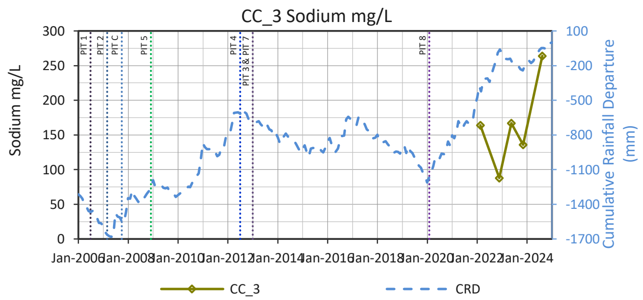



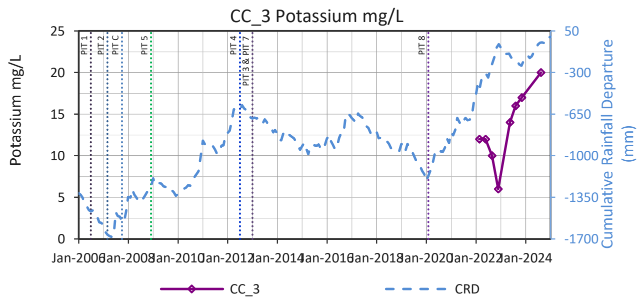
CC_3

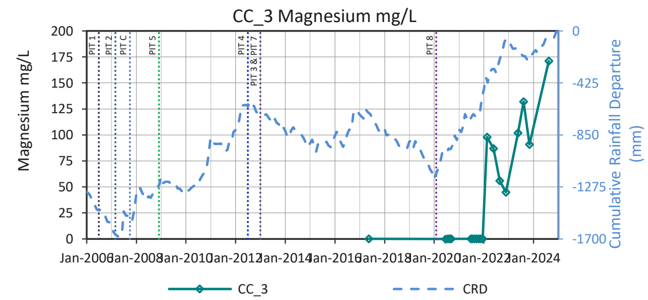
No Data Available for Elevation (mAHD)

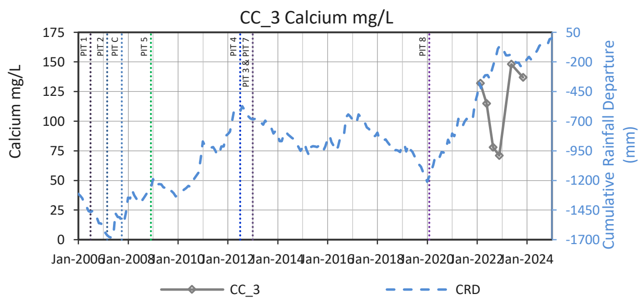


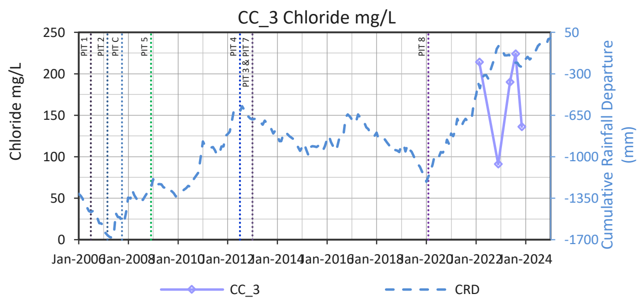



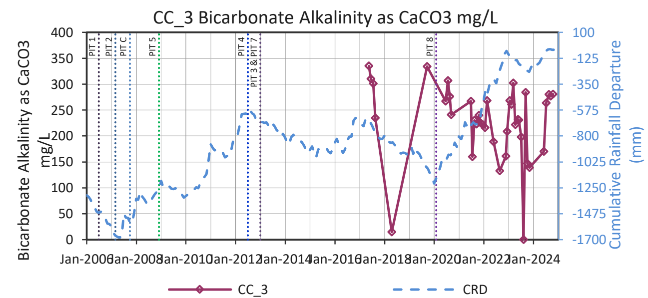



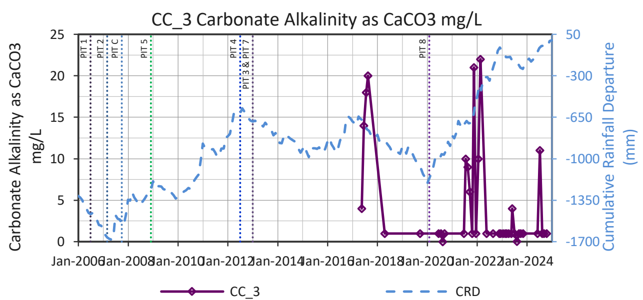



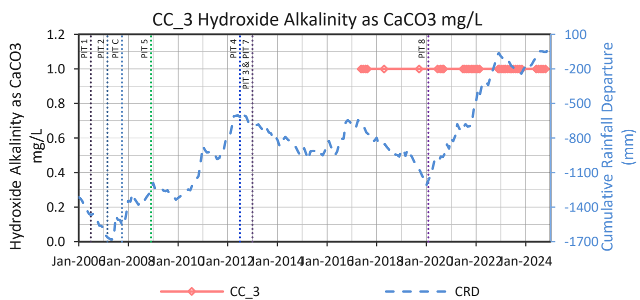



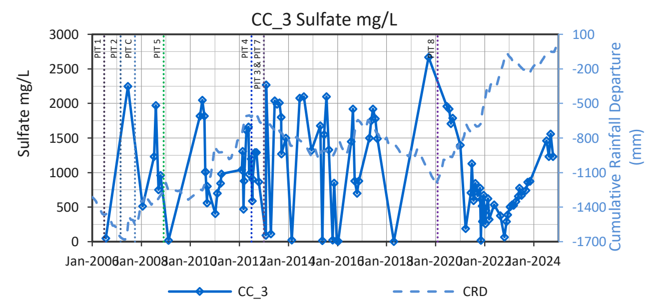



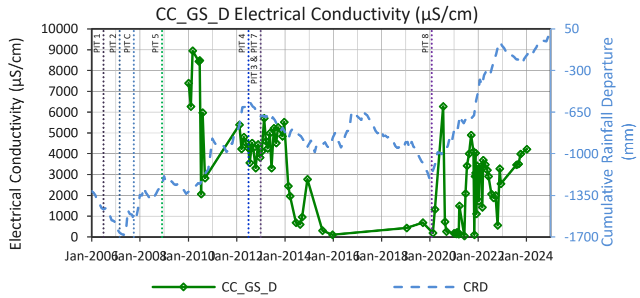



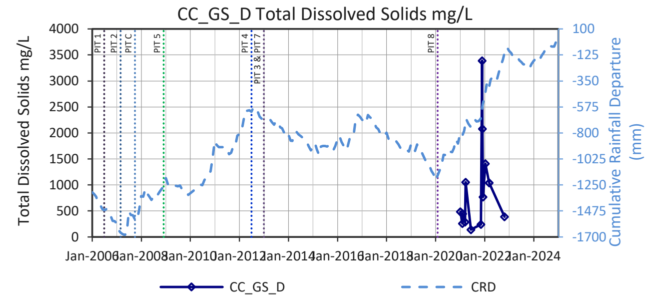



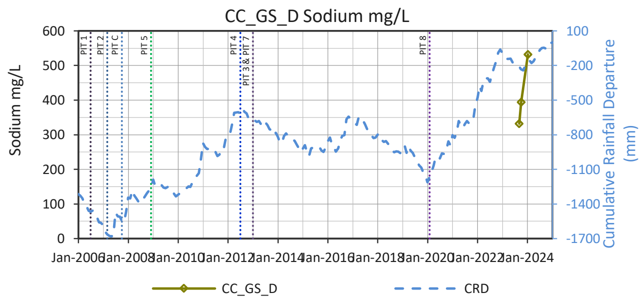



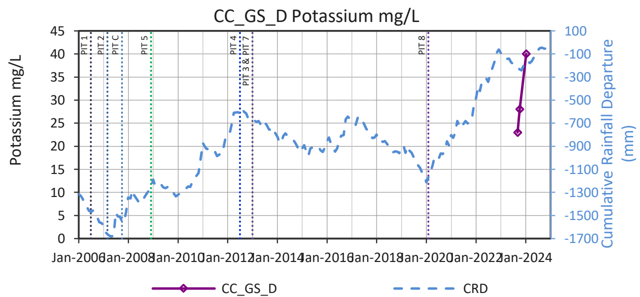
CC_GS_D

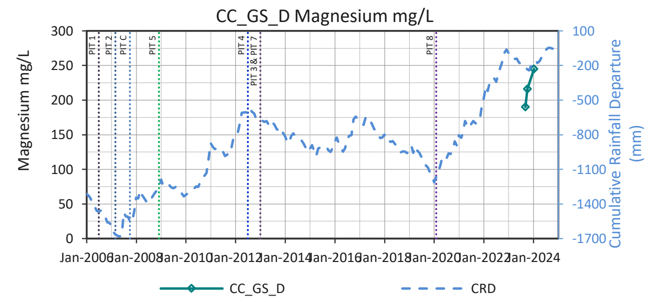
No Data Available for Elevation (mAHD)

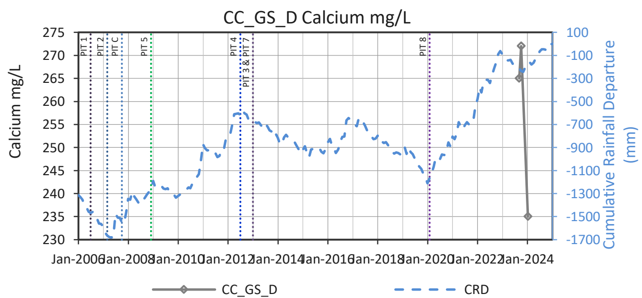


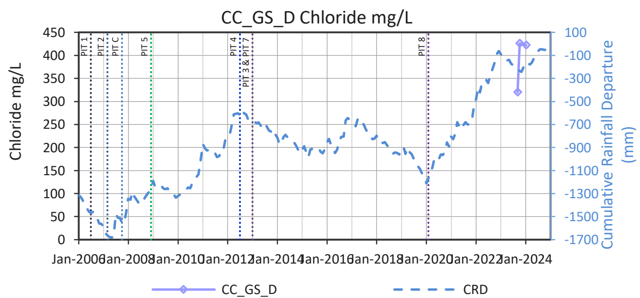



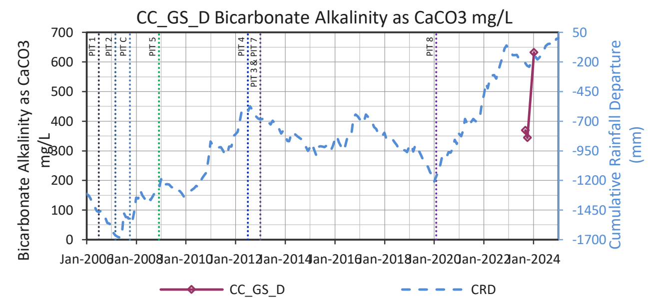



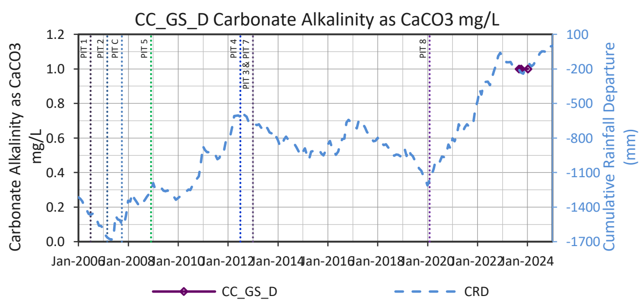



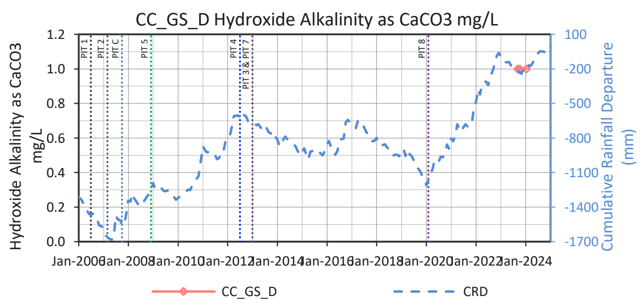



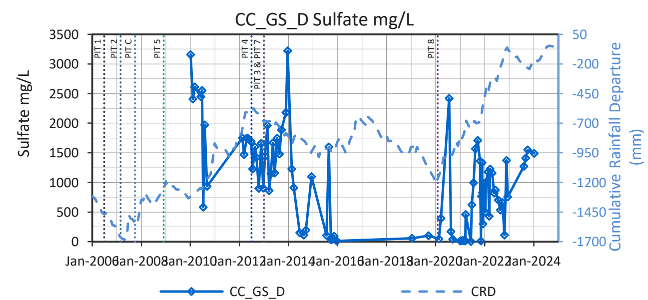



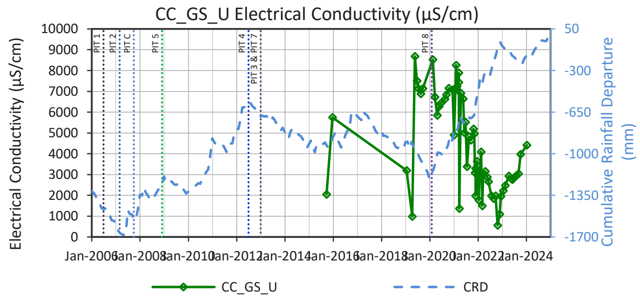



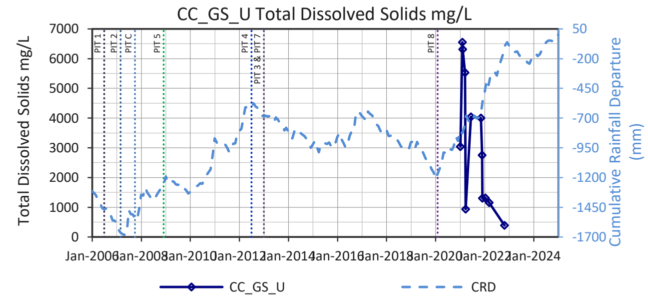



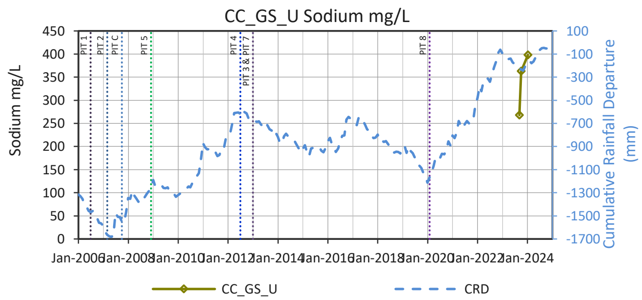



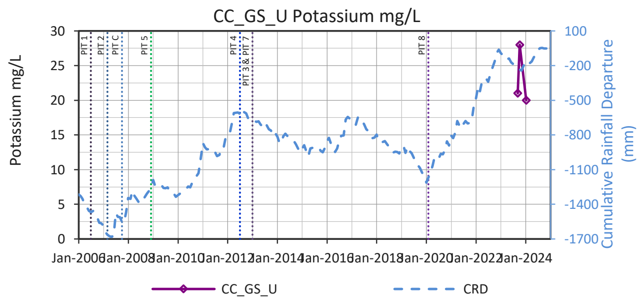
CC_GS_U

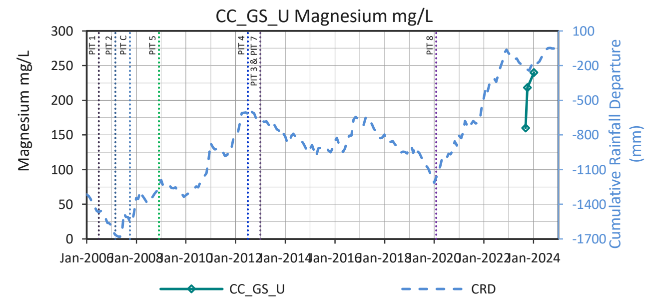
No Data Available for Elevation (mAHD)

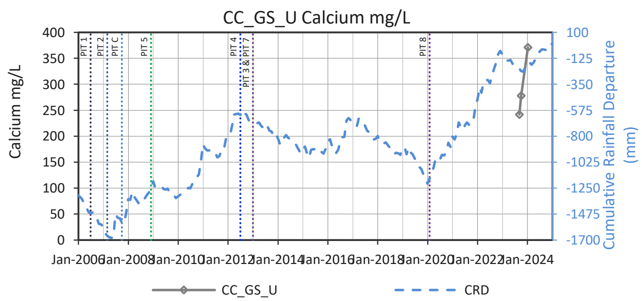


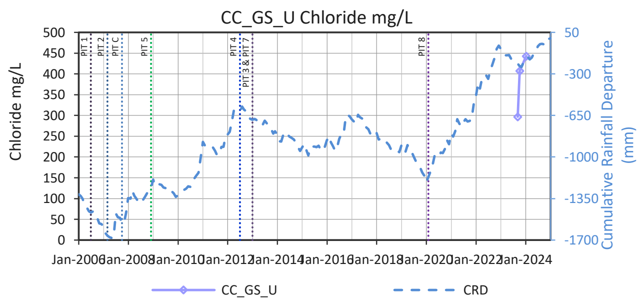



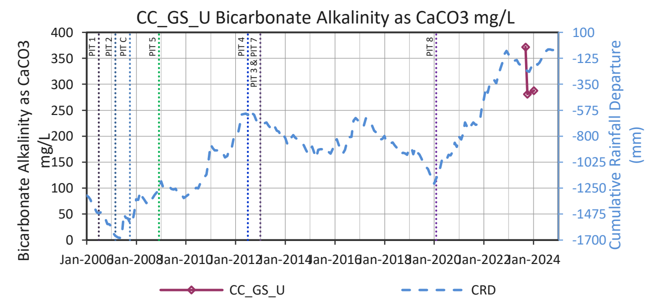



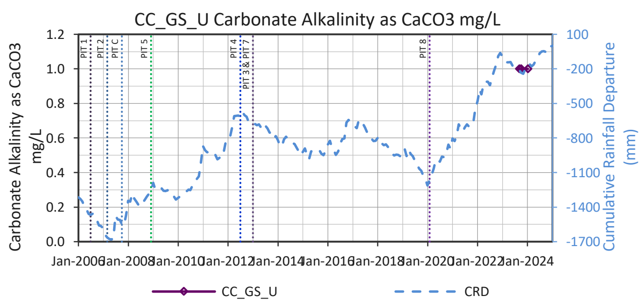



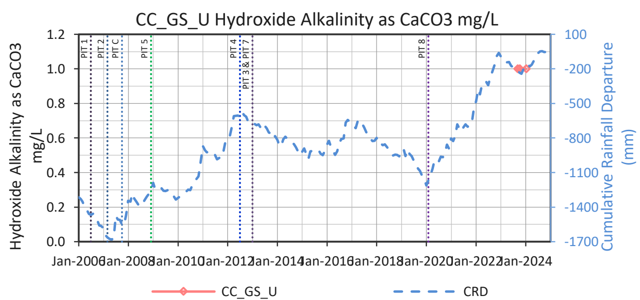



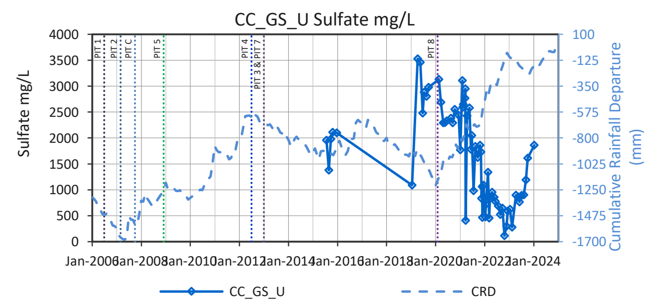



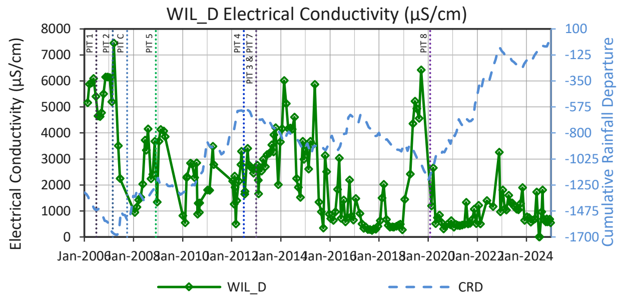



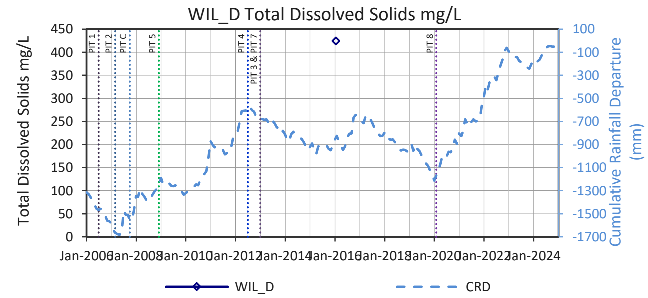



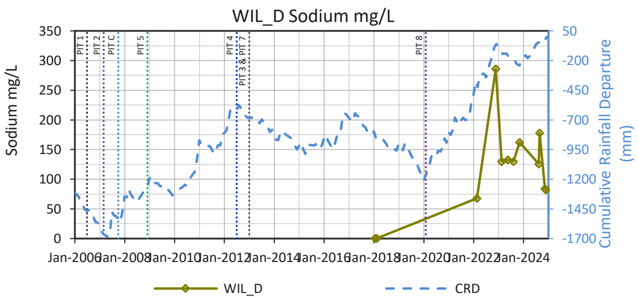



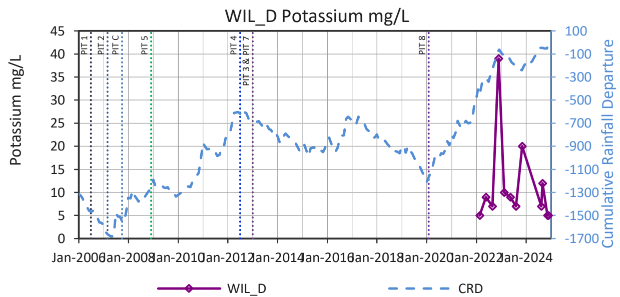
WIL_D

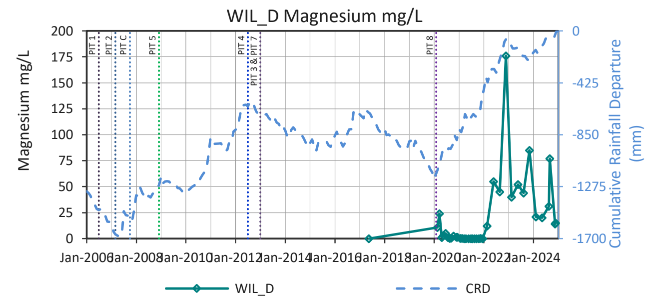
No Data Available for Elevation (mAHD)

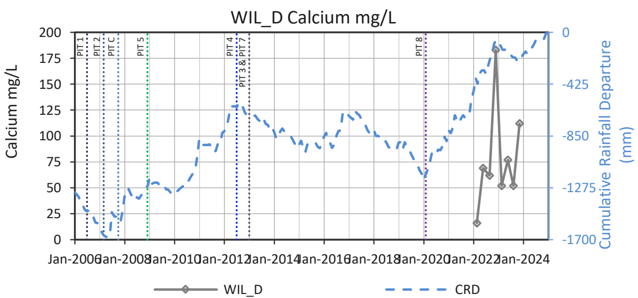


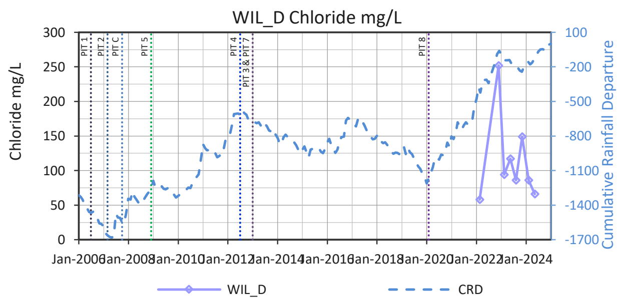



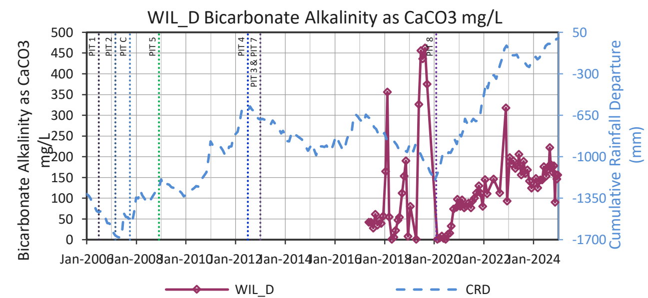



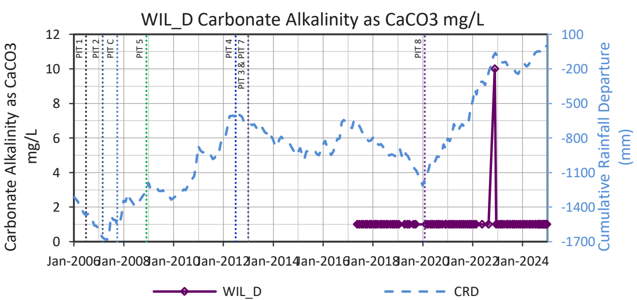



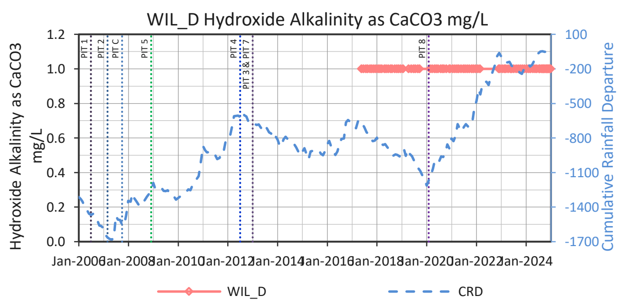



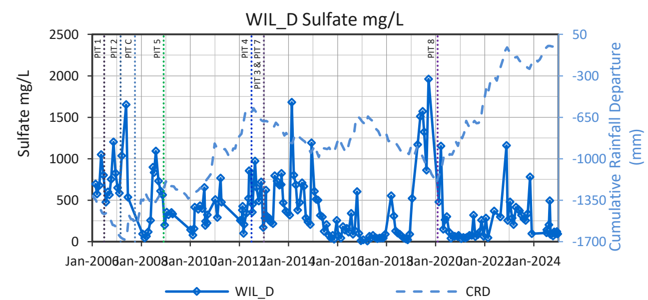



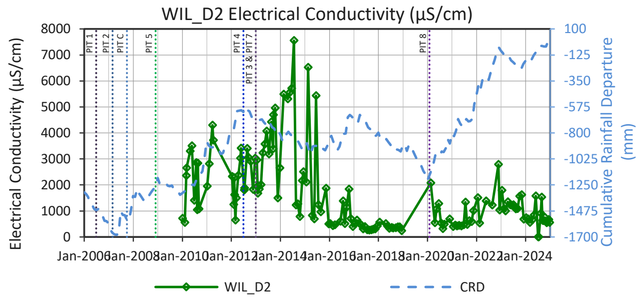



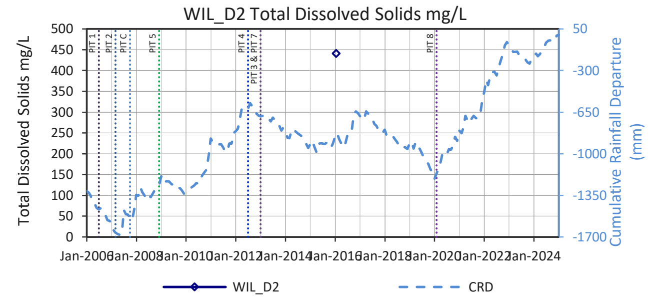



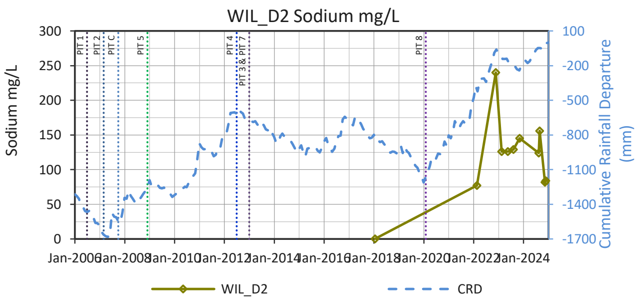



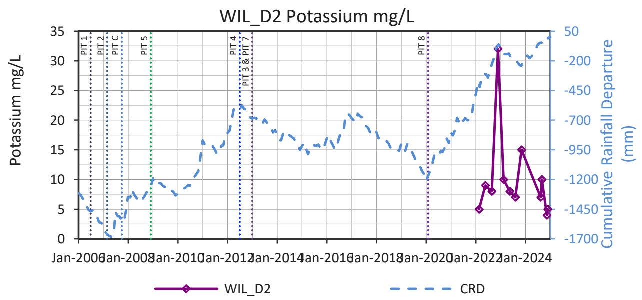
WIL_D2

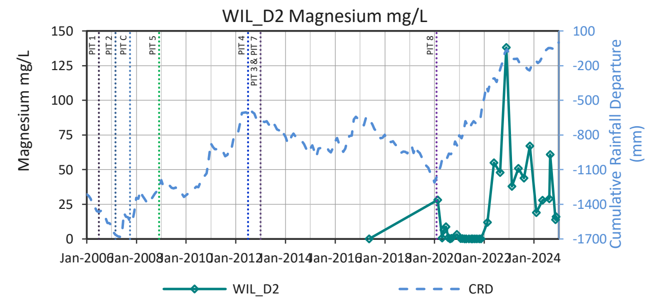
No Data Available for Elevation (mAHD)

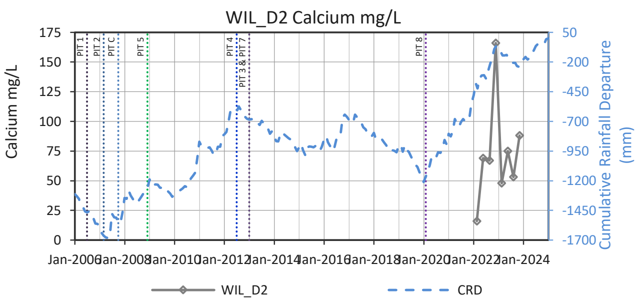


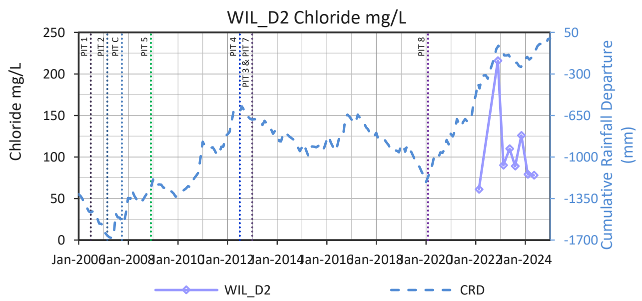



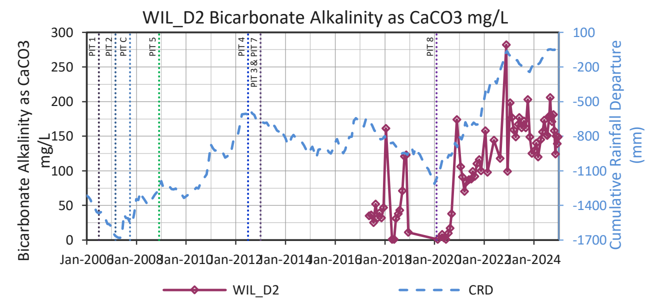



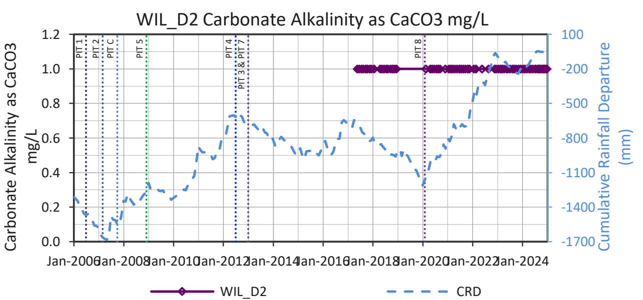



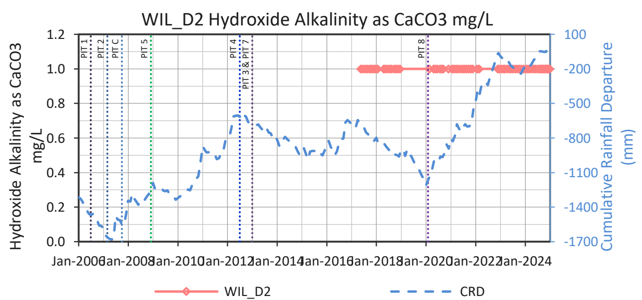



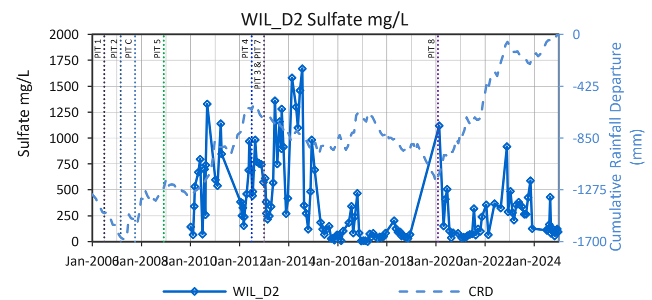



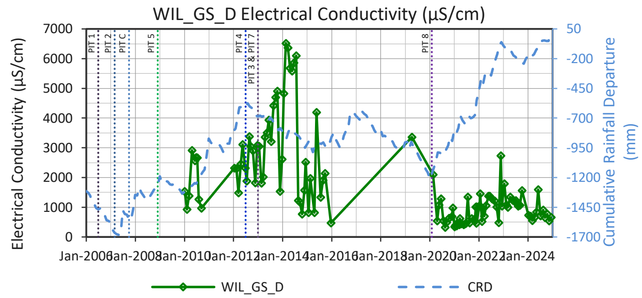



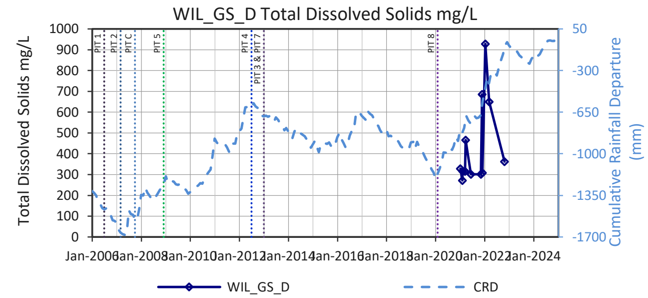



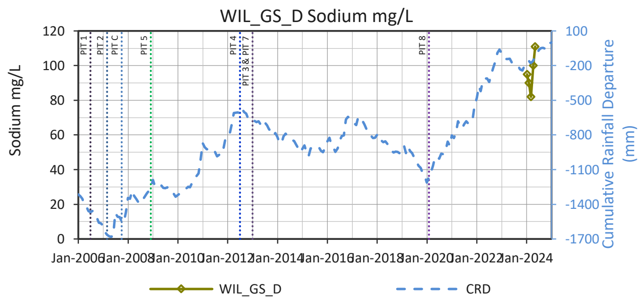



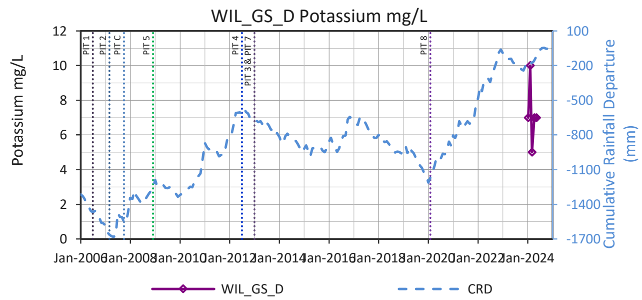
WIL_GS_D

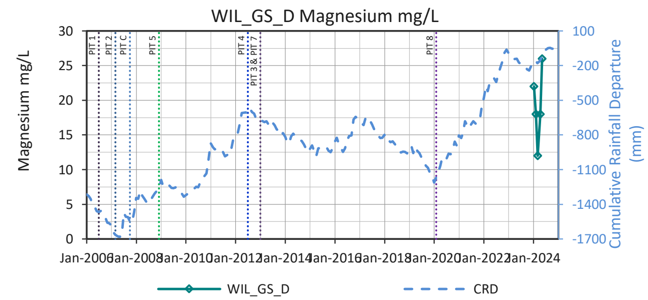
No Data Available for Elevation (mAHD)

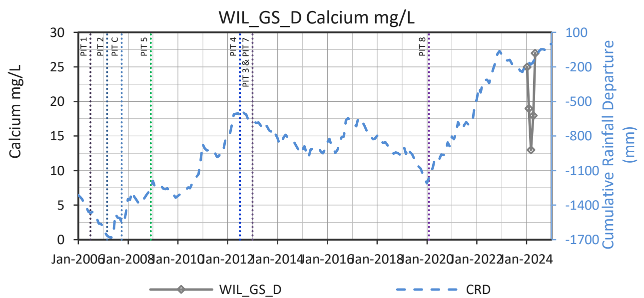


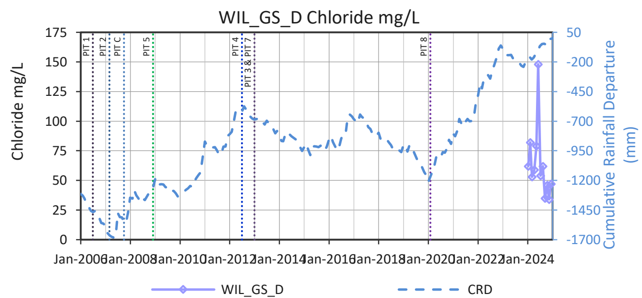



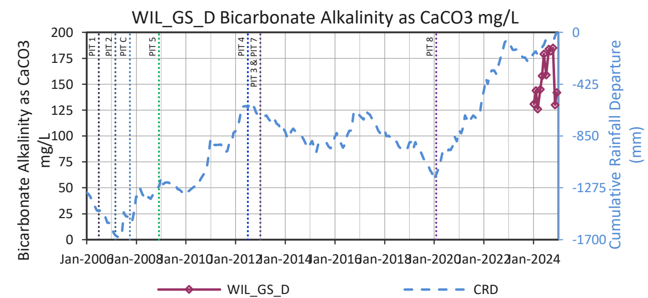



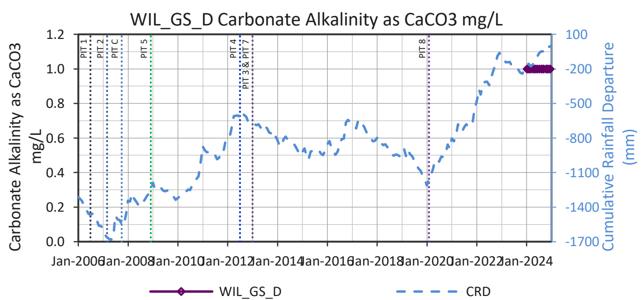



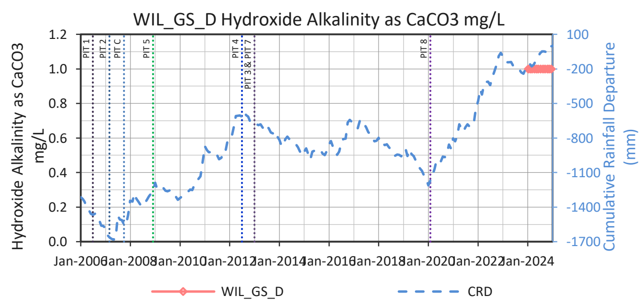



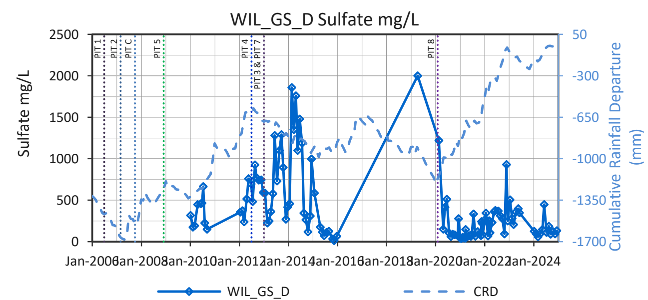



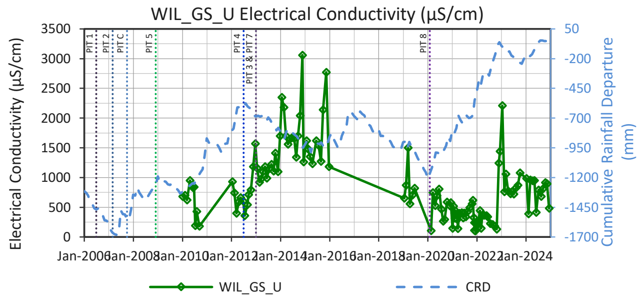



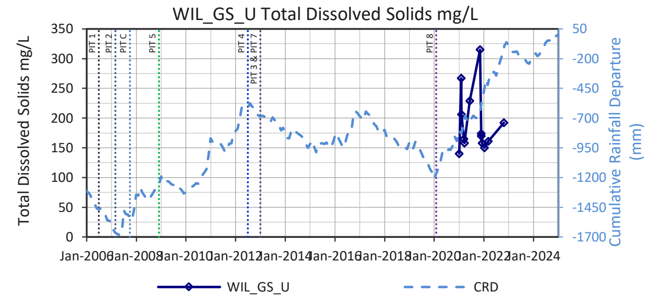



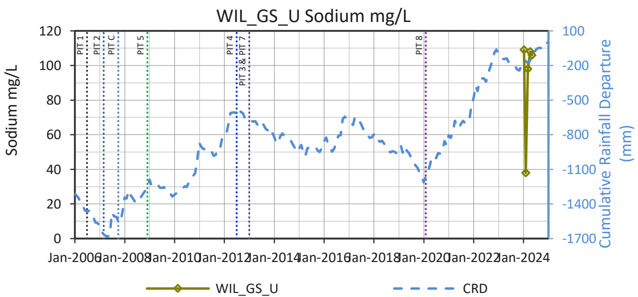



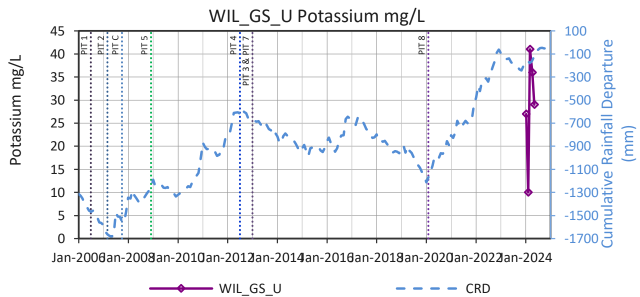
WIL_GS_U

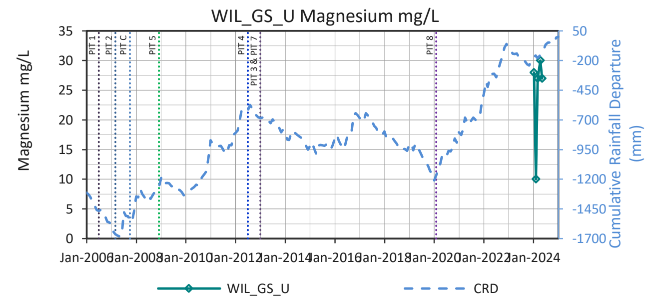
No Data Available for Elevation (mAHD)

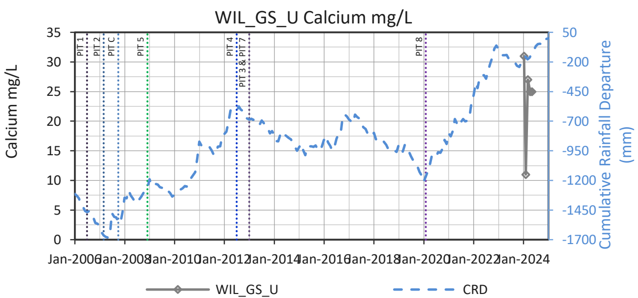


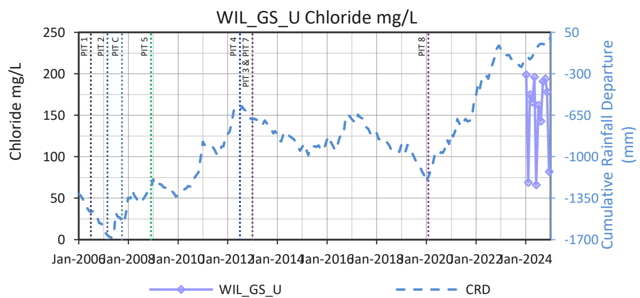



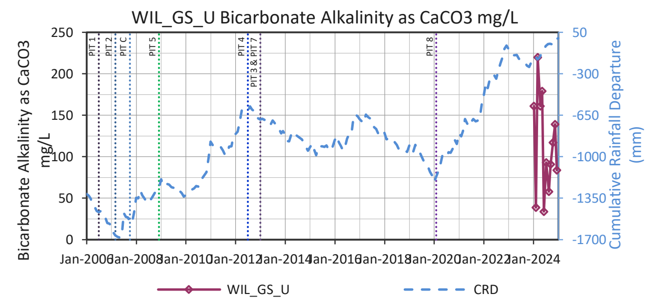



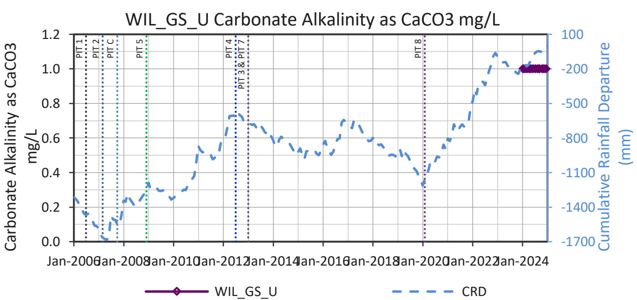



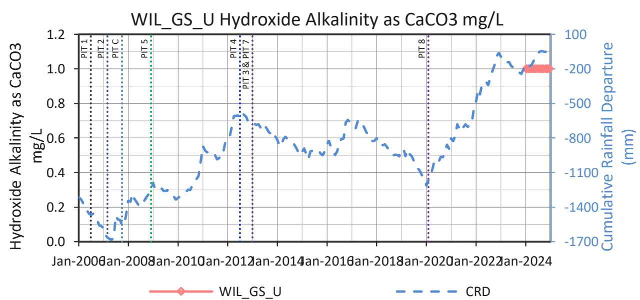



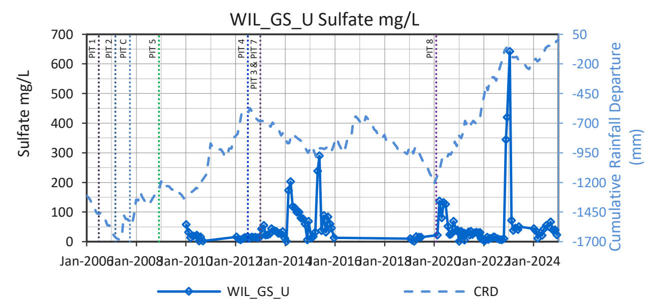



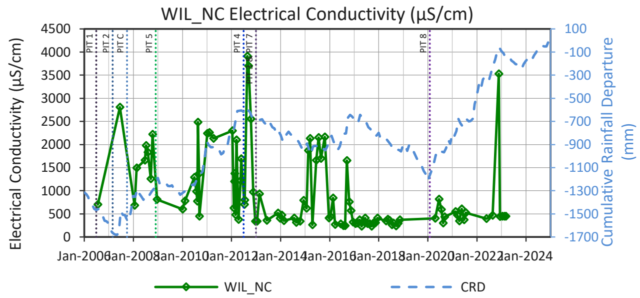



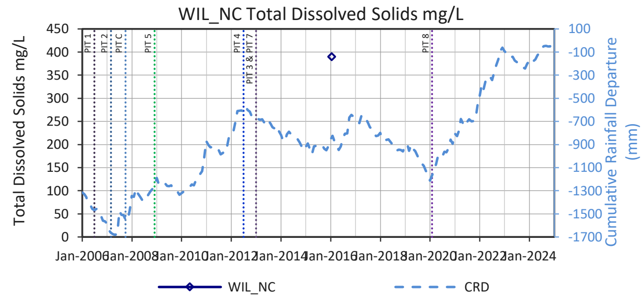



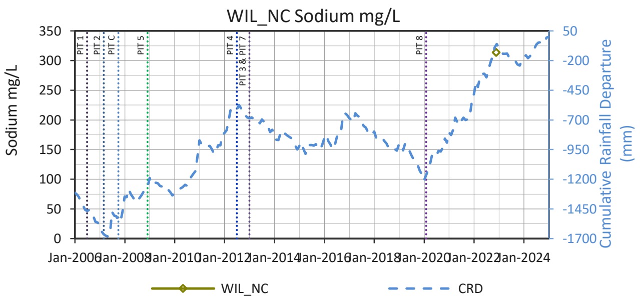



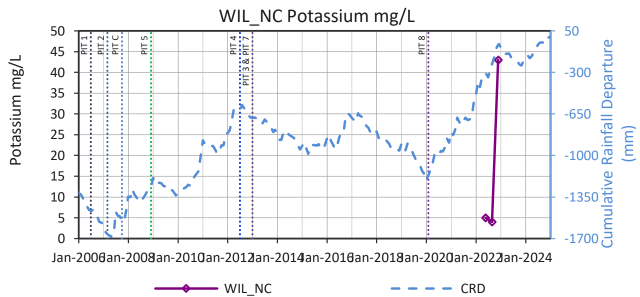
WIL_NC

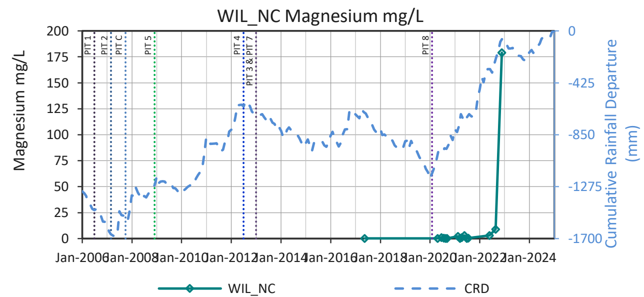
No Data Available for Elevation (mAHD)

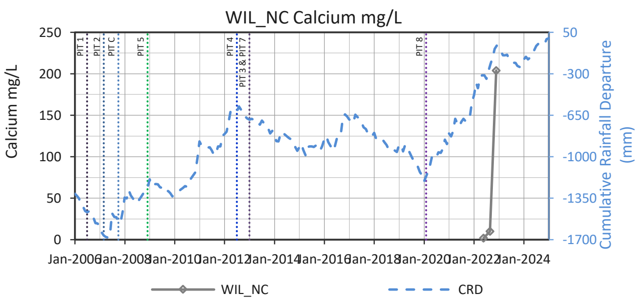


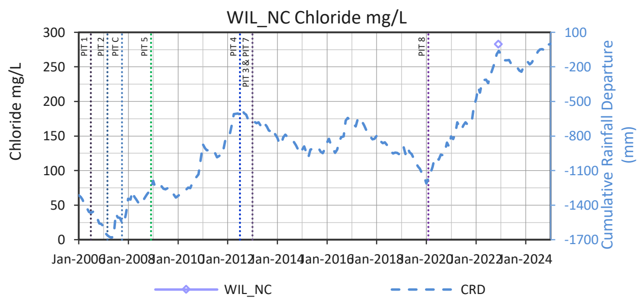



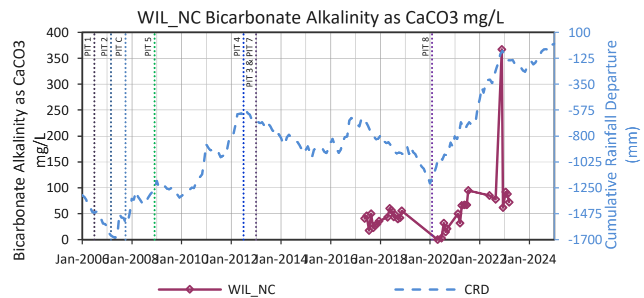



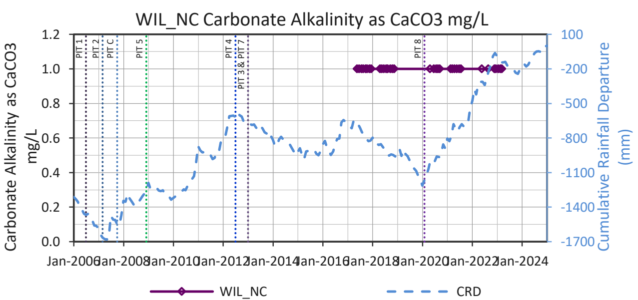



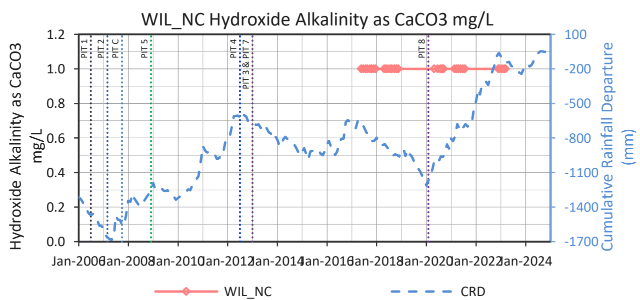



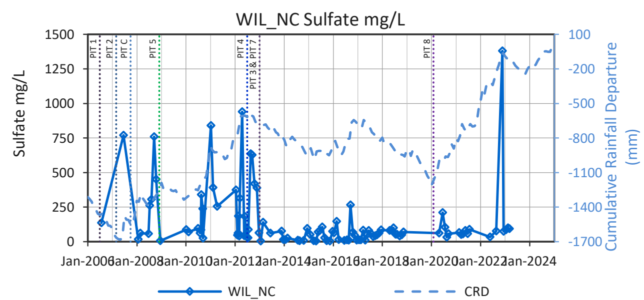



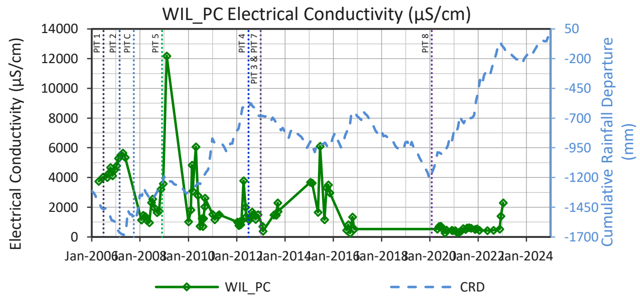



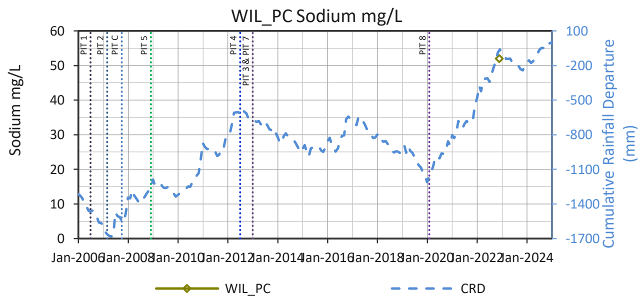
WIL_PC

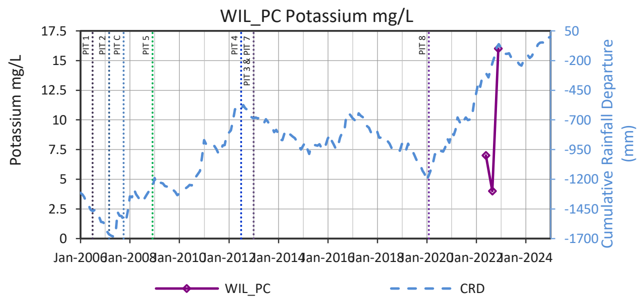
No Data Available for Elevation (mAHD)

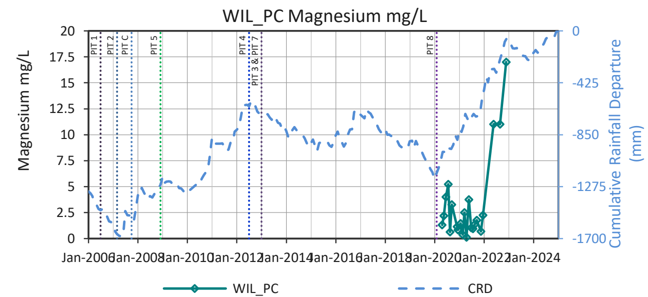


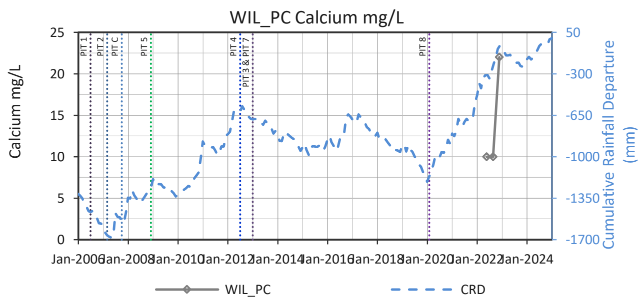

WIL_PC

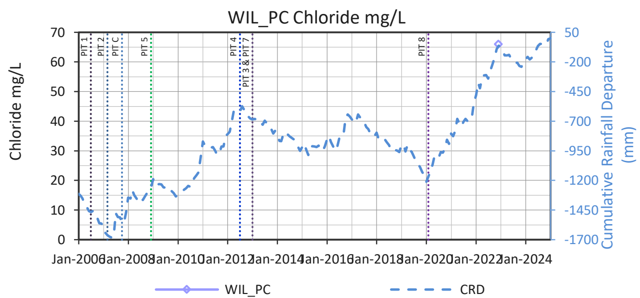
No Data Available for Total Dissolved Solids mg/L

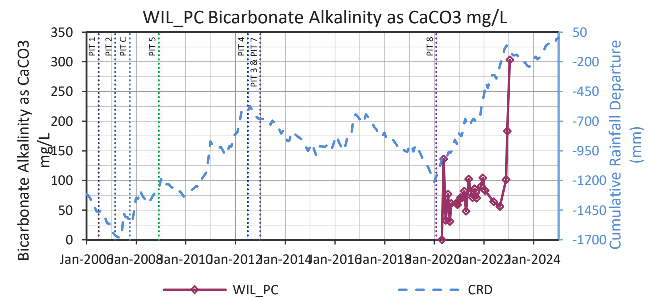


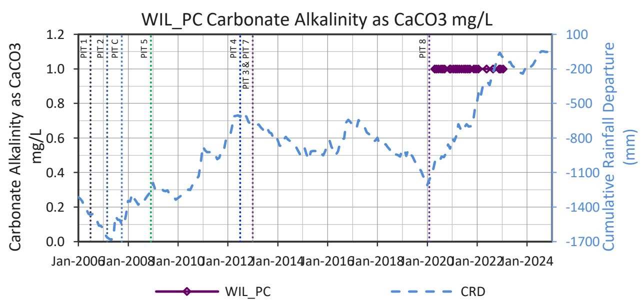



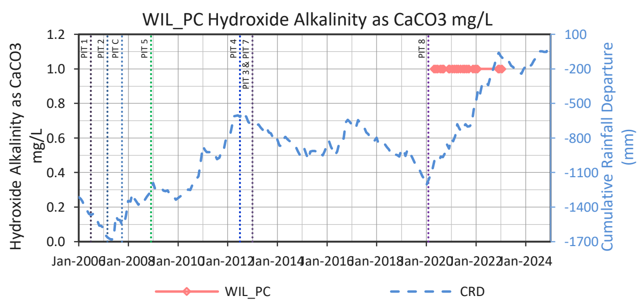



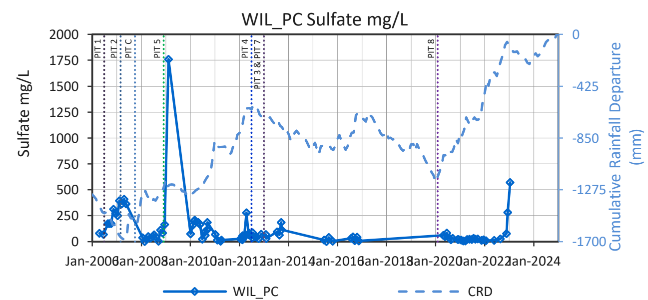



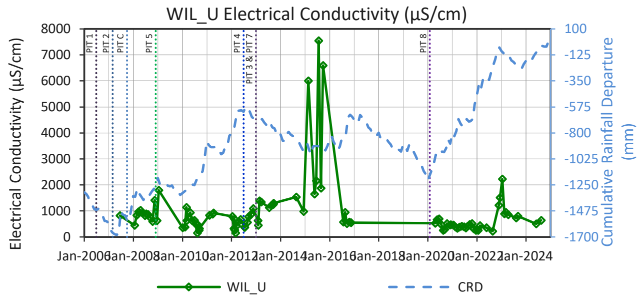



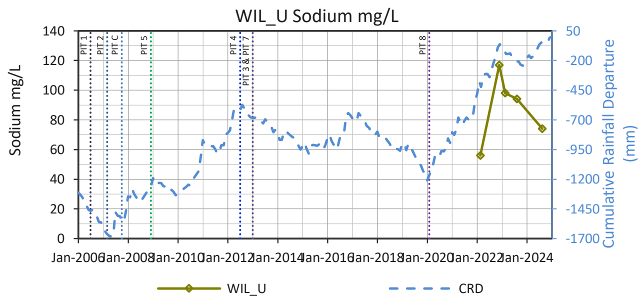
WIL_U

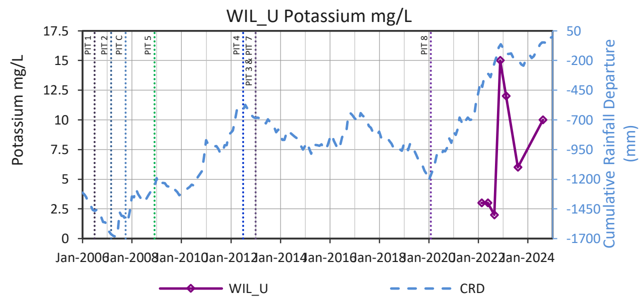
No Data Available for Elevation (mAHD)

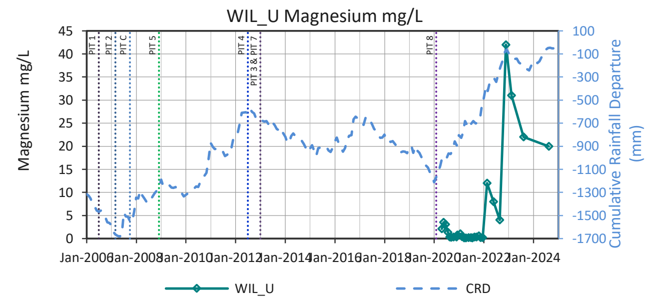


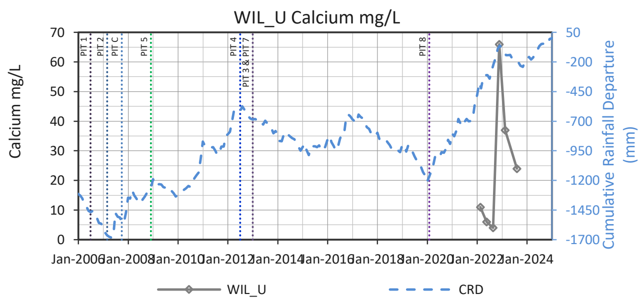

WIL_U

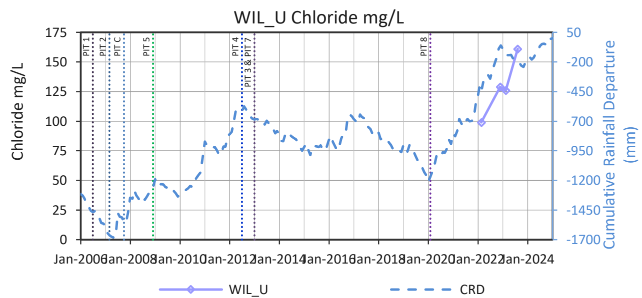
No Data Available for Total Dissolved Solids mg/L

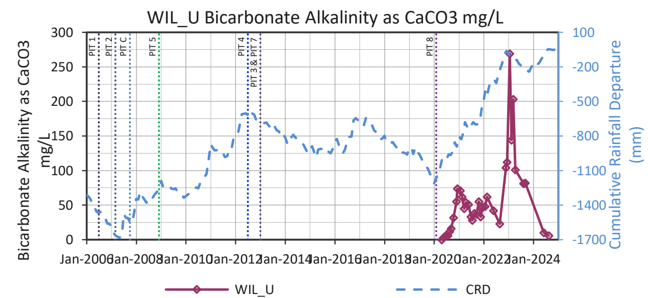


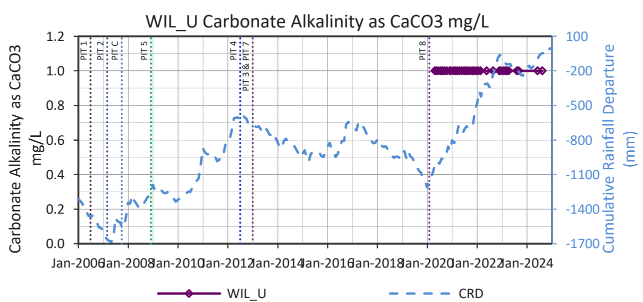



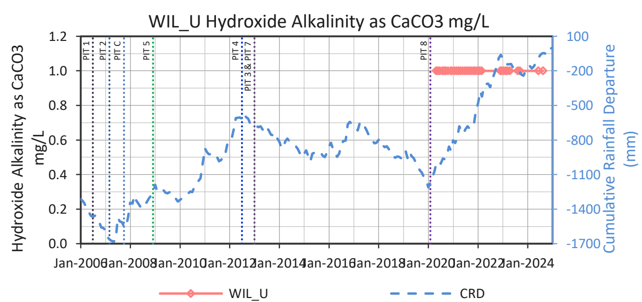



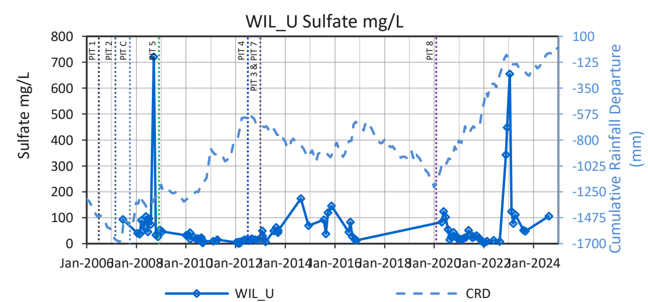



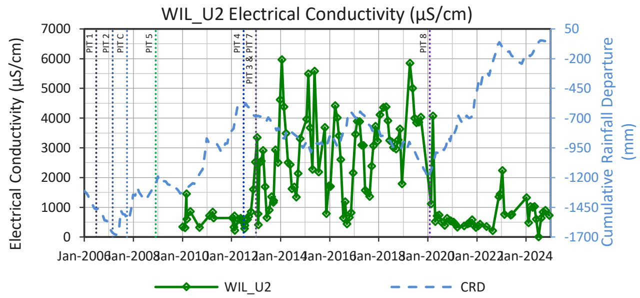



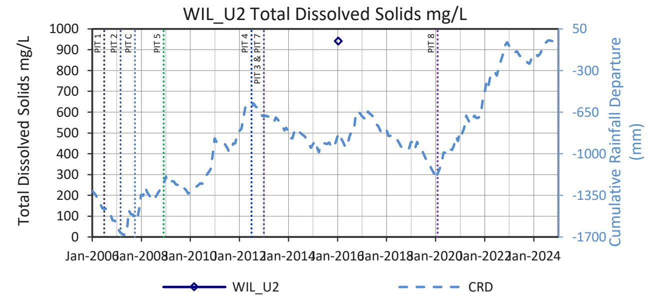



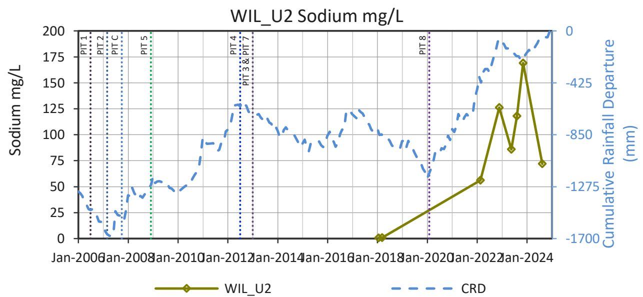



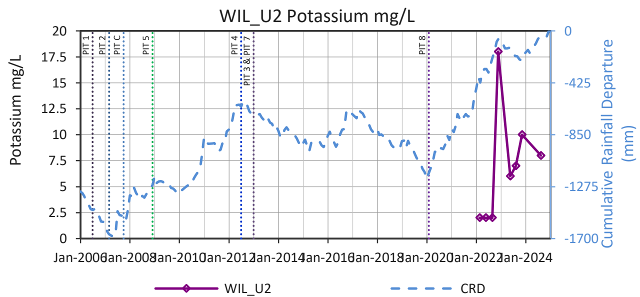
WIL_U2

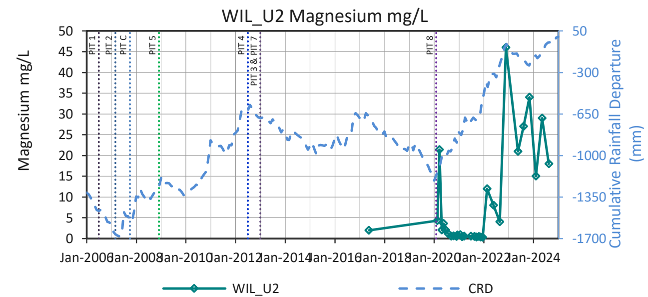
No Data Available for Elevation (mAHD)

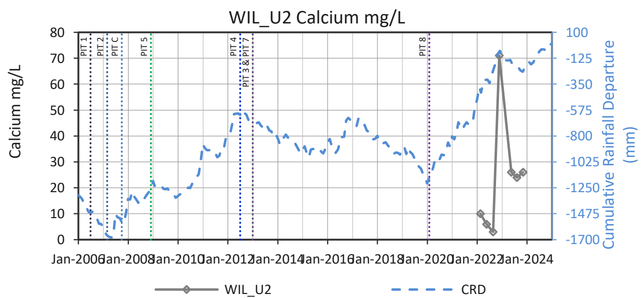


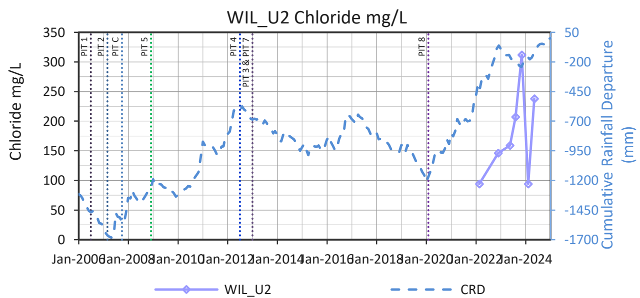



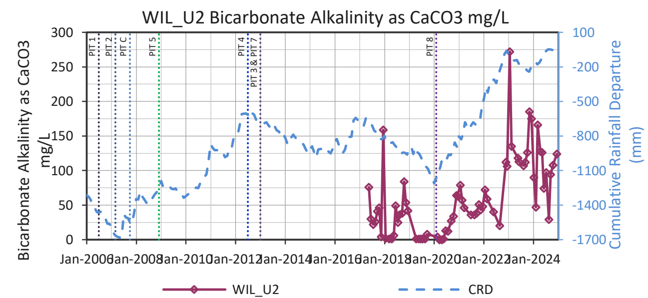



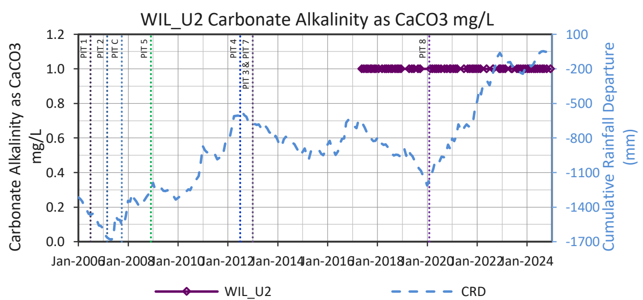



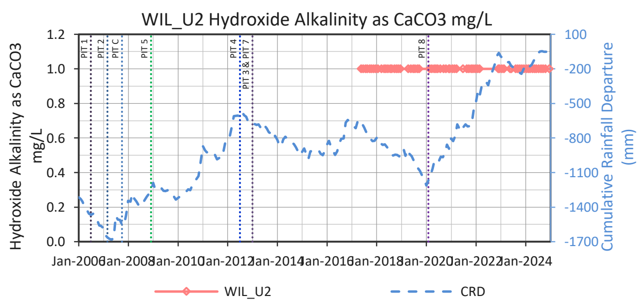



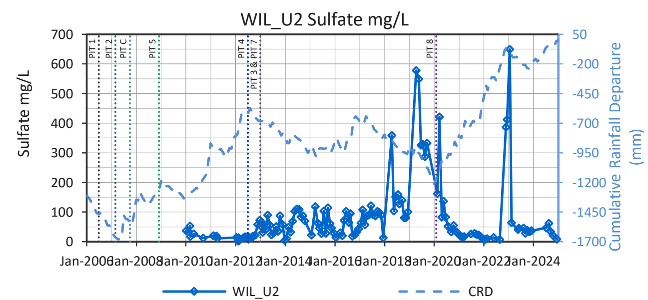



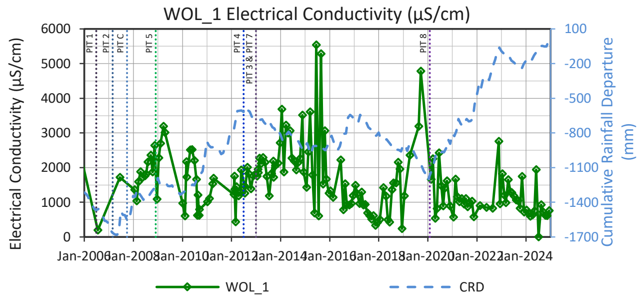



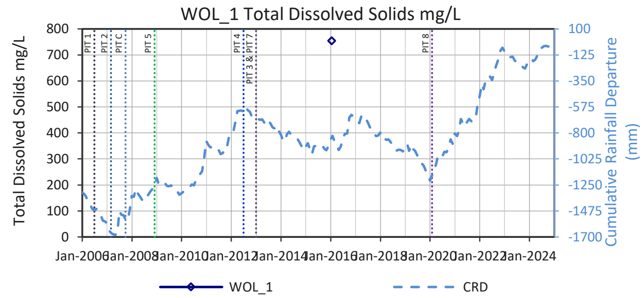



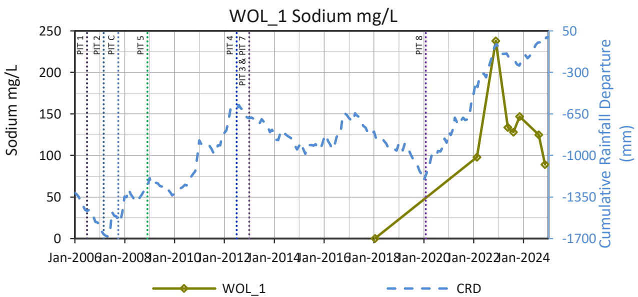



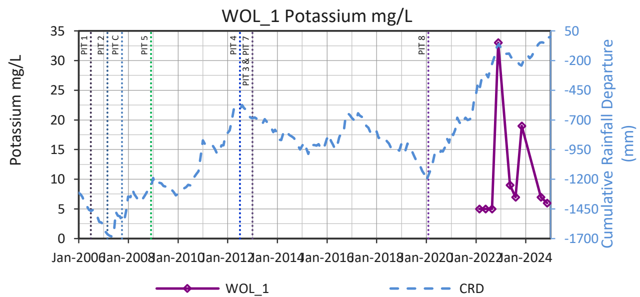
WOL_1

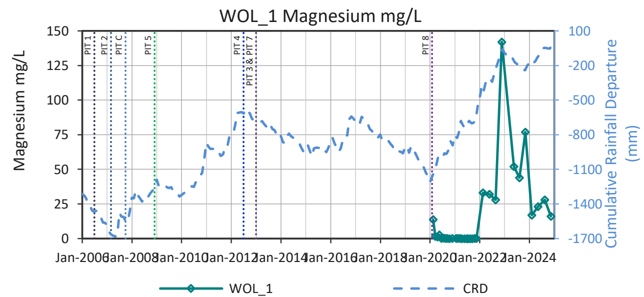
No Data Available for Elevation (mAHD)

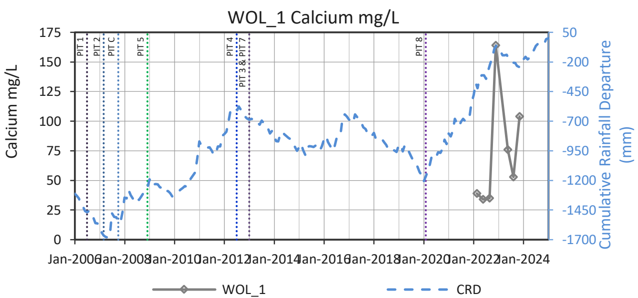


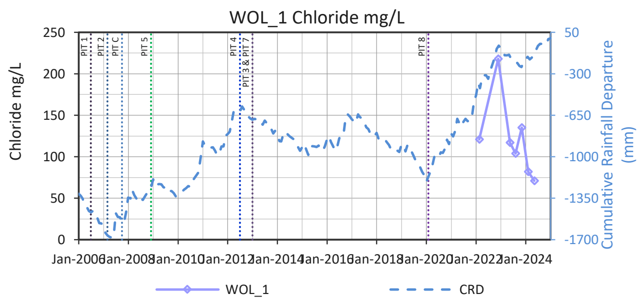



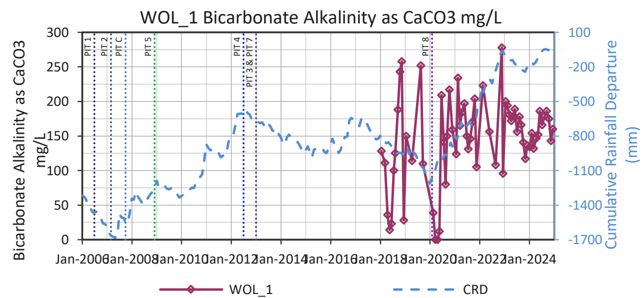



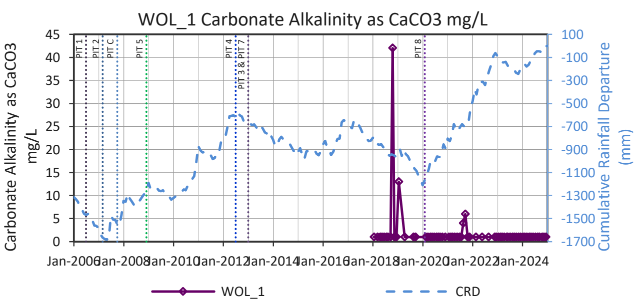



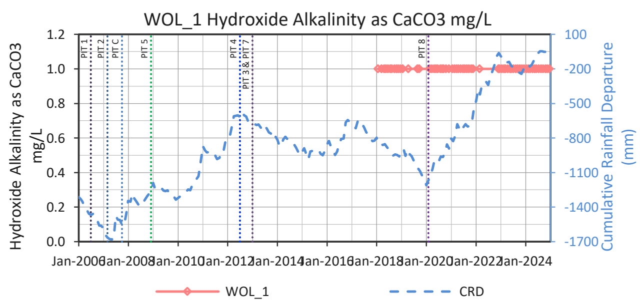



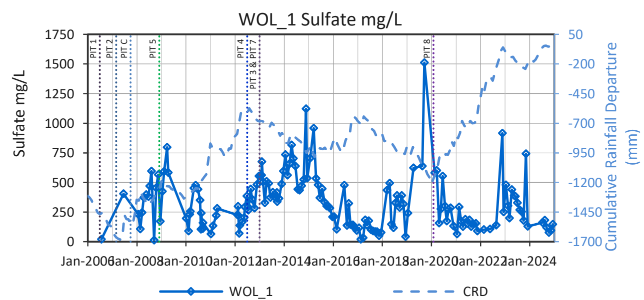



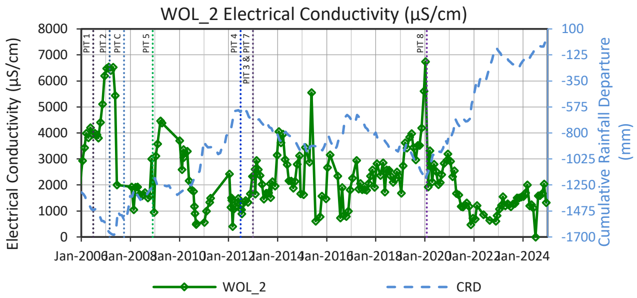



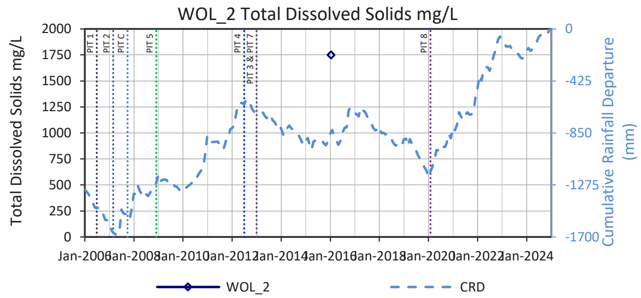



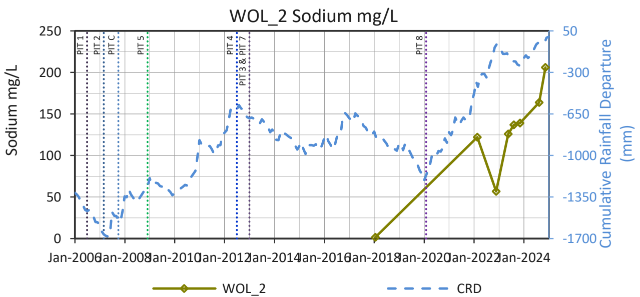



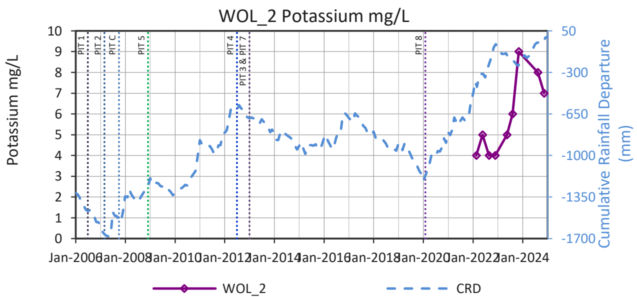
WOL_2

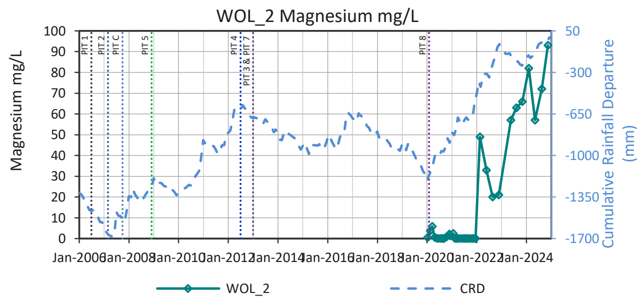
No Data Available for Elevation (mAHD)

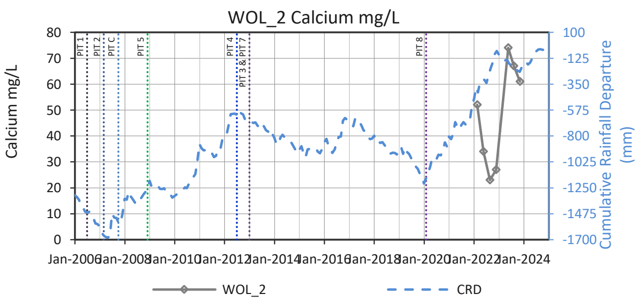


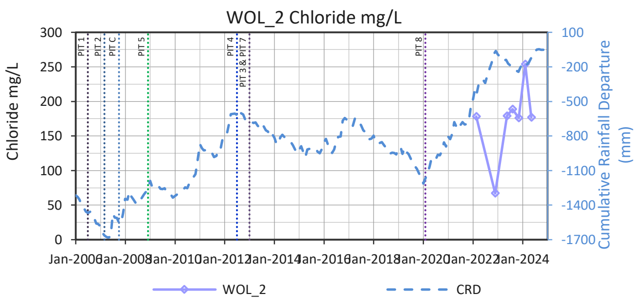



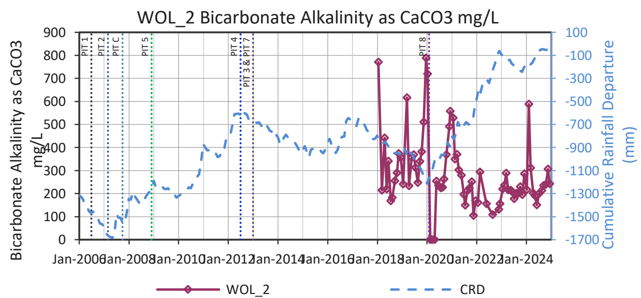



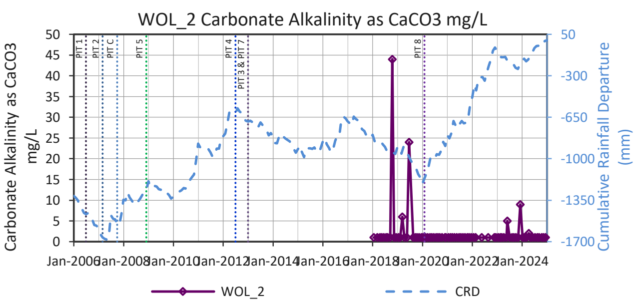



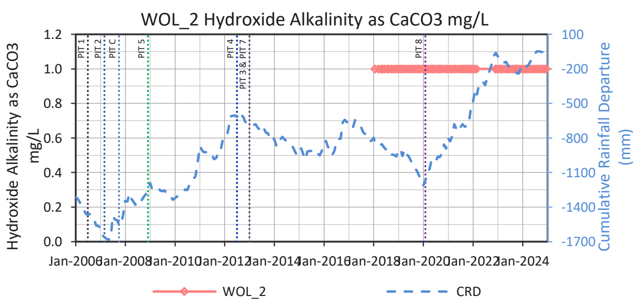



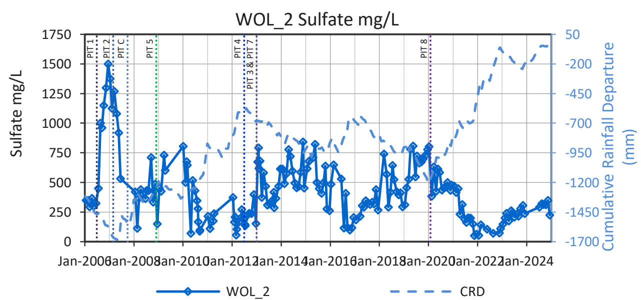



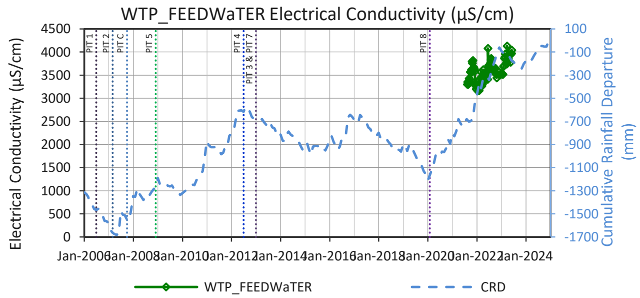



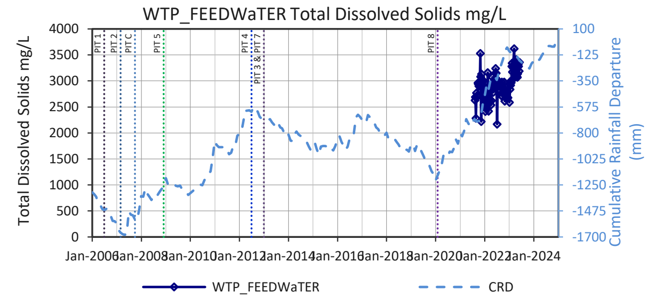



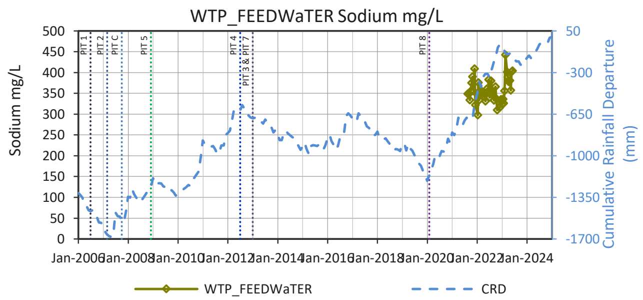



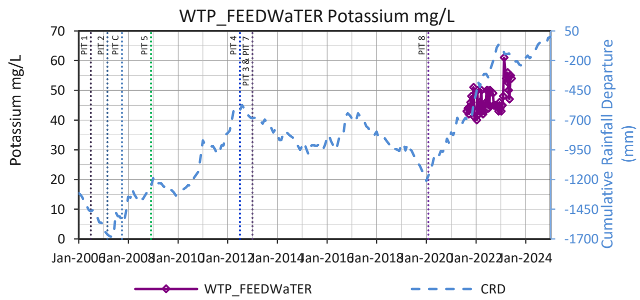
WTP_FEEDWaTER

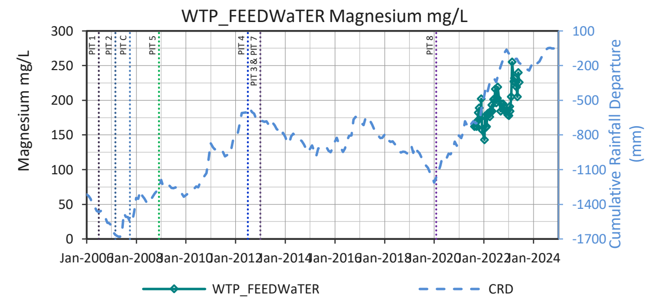
No Data Available for Elevation (mAHD)

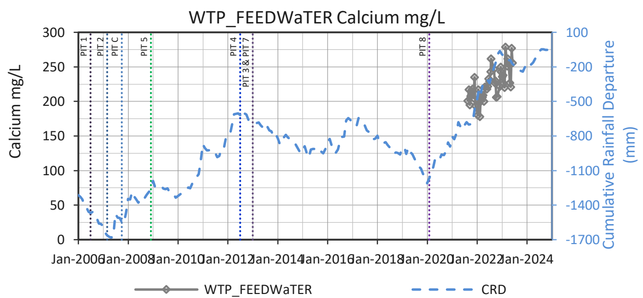


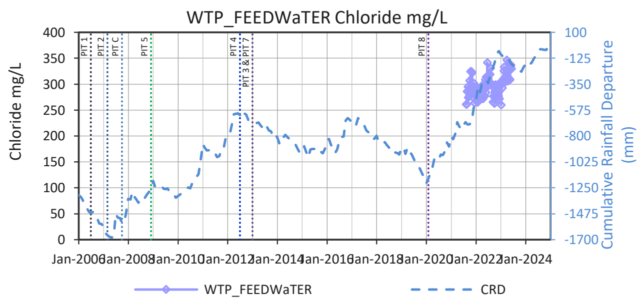



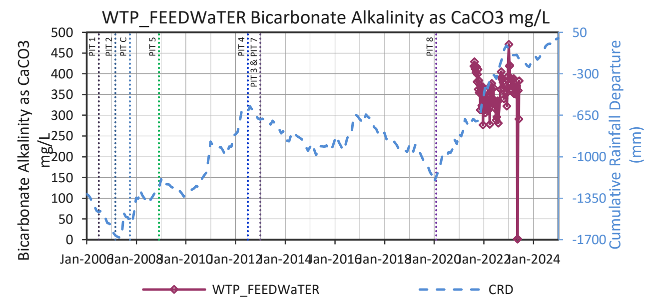



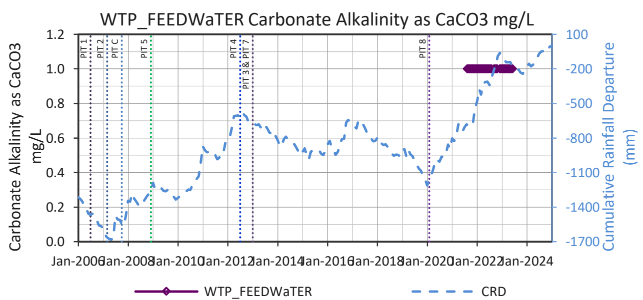



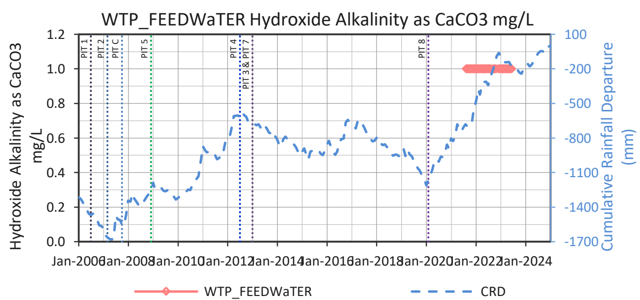



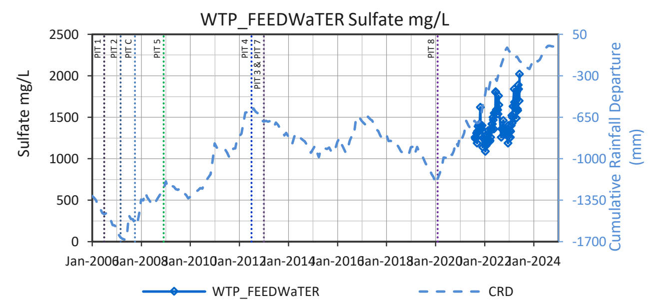



# Appendix D    Model Performance

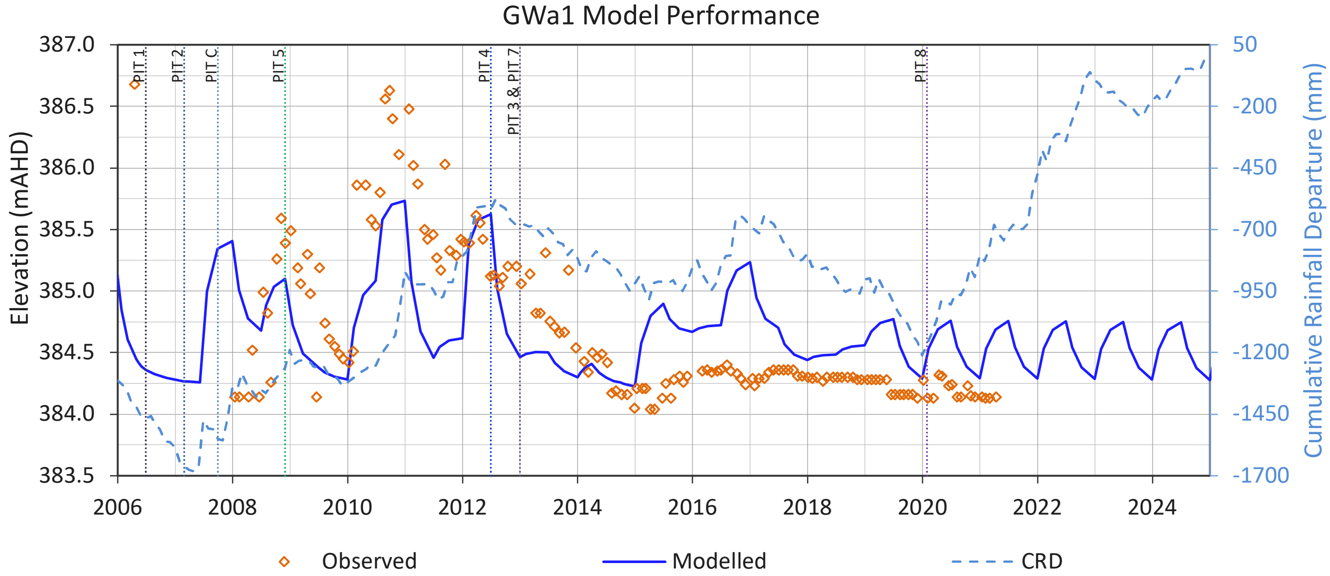
## Annual Review – Wilpinjong Coal MineWilpinjong Coal Mine

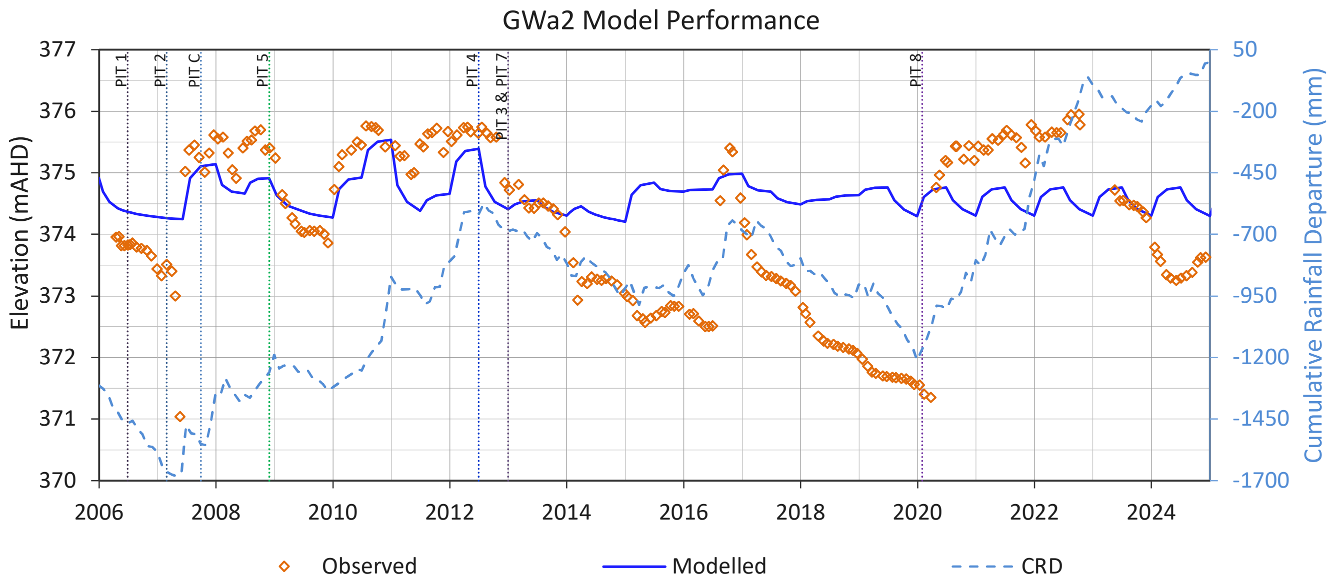
### 2024 Groundwater Compliance

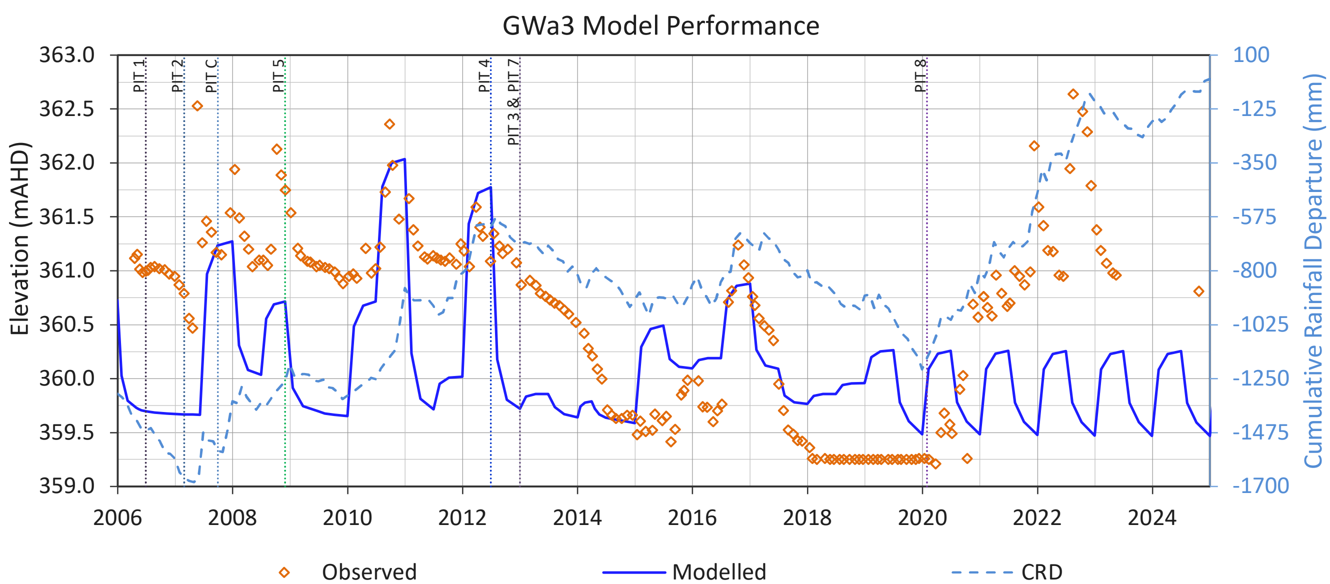
**Wilpinjong Coal Mine**

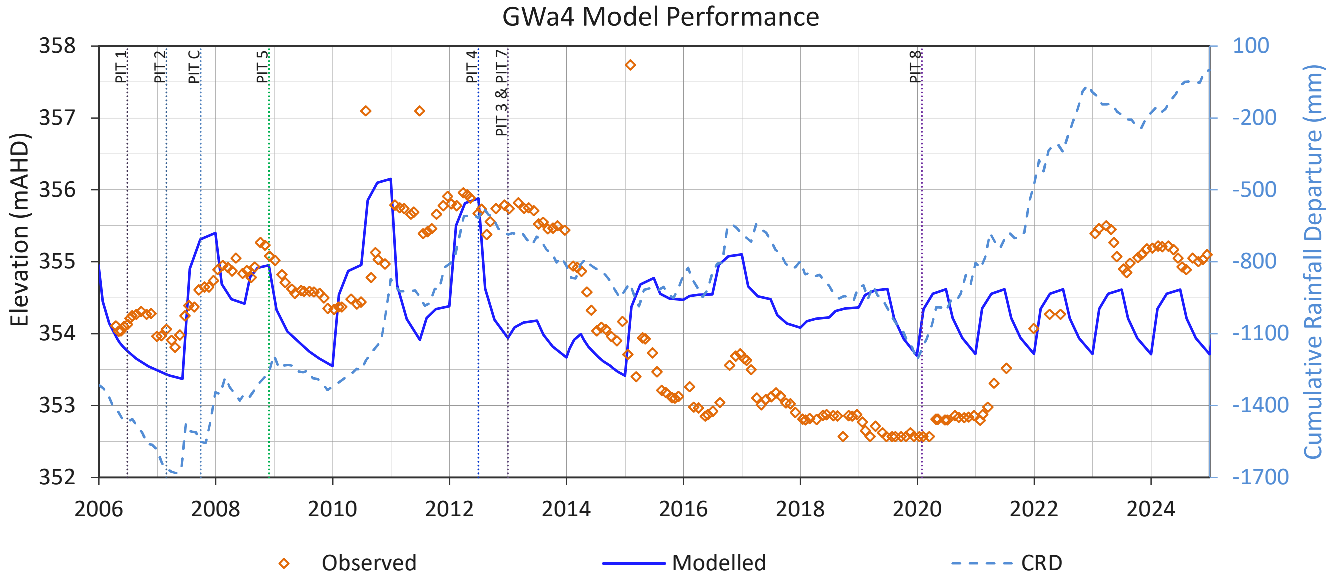
SLR Project No.: 665.v10014.02417

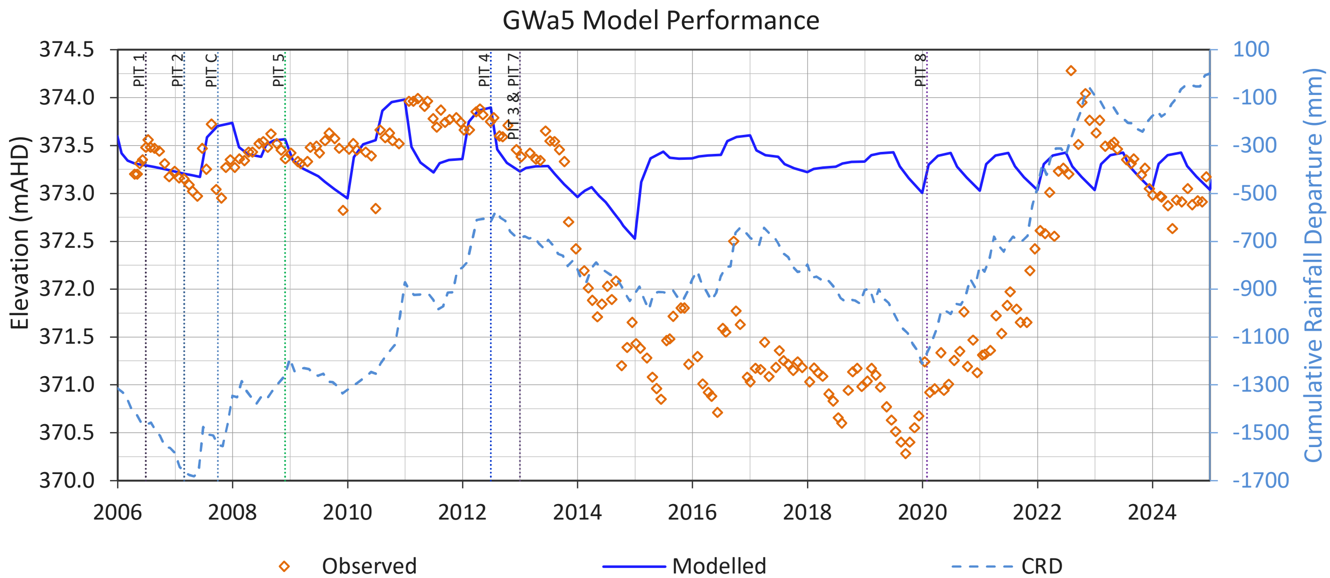
28 March 2025

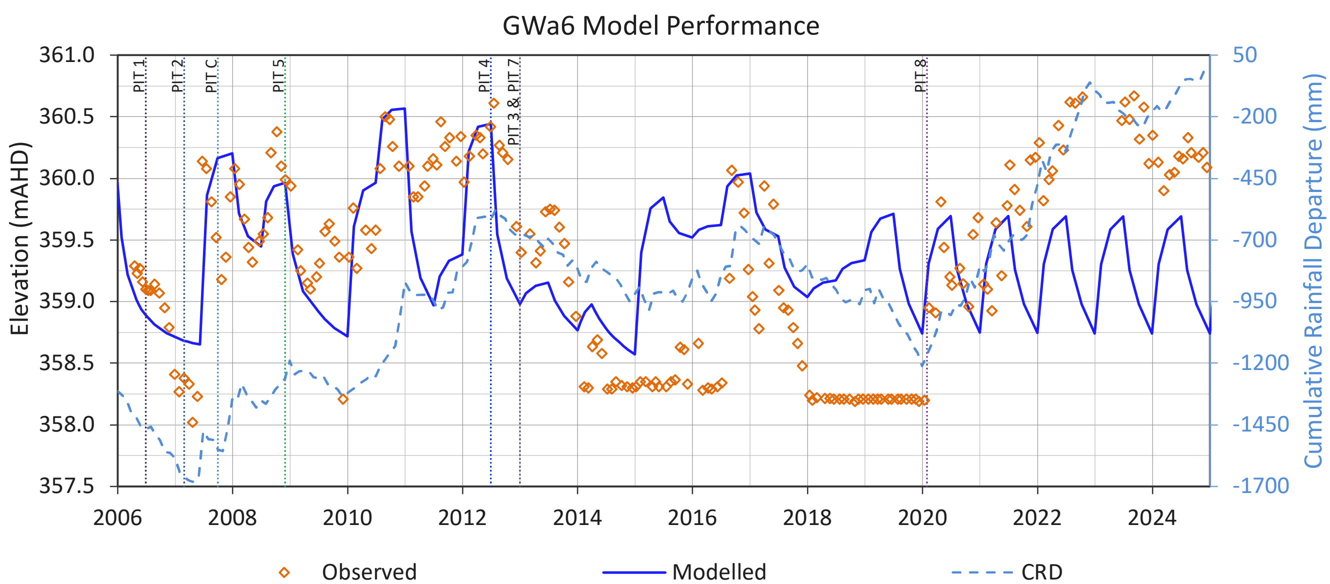

GWa1 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Observed
Modelled
CRD

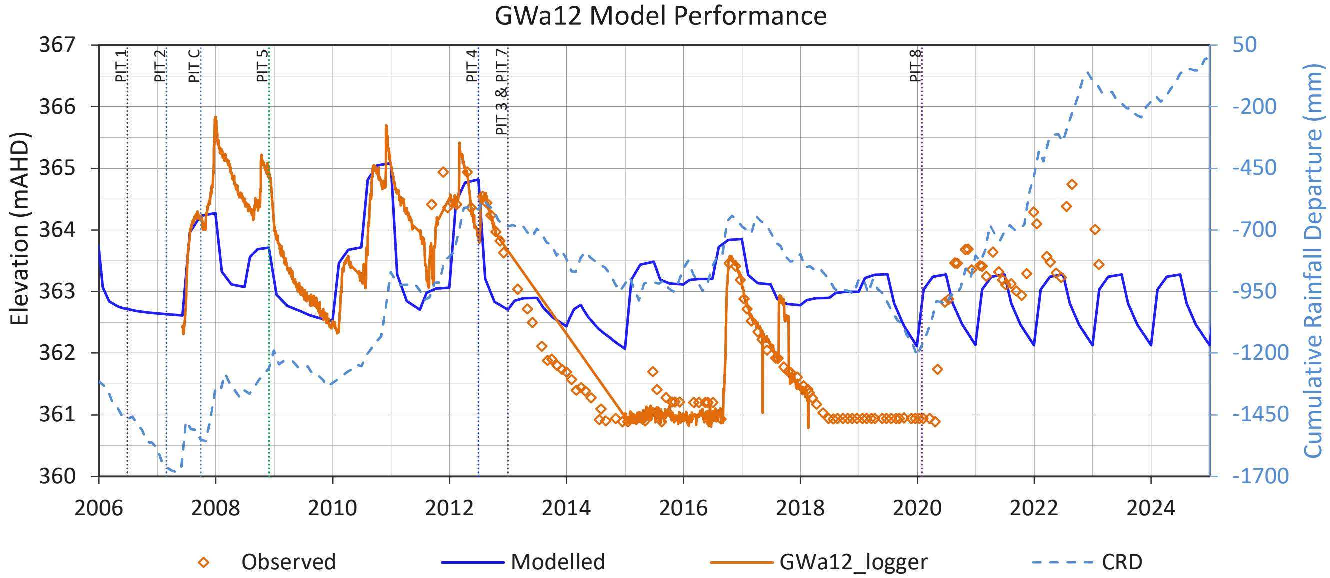

GWa2 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Observed
Modelled
CRD

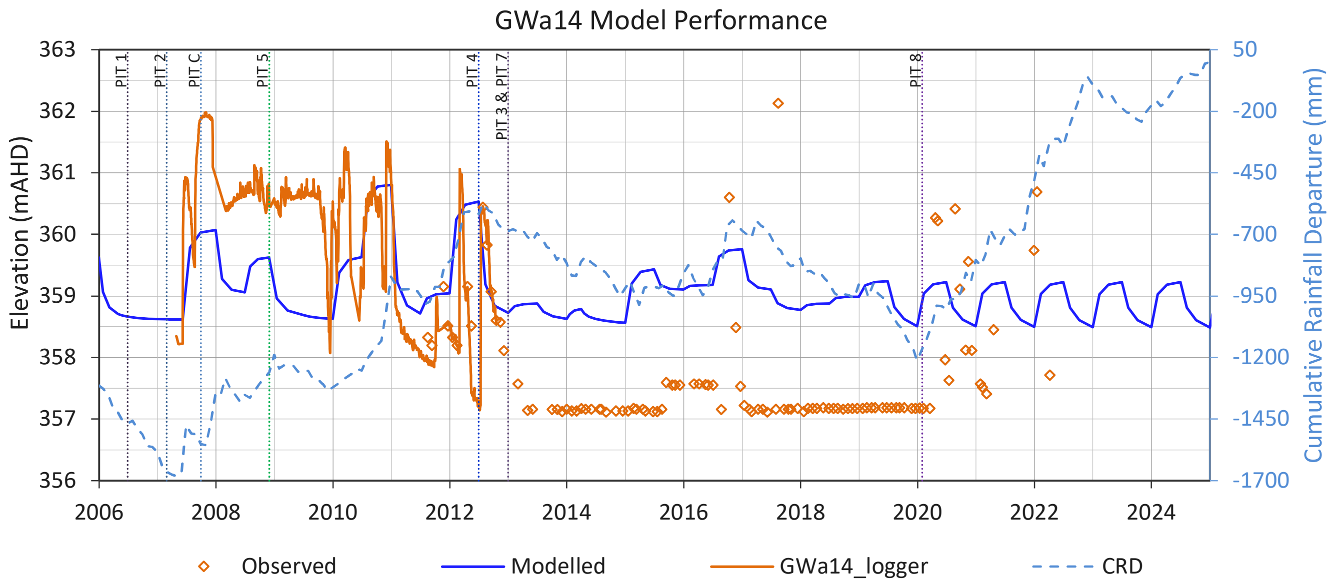

GWa3 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Observed
Modelled
CRD

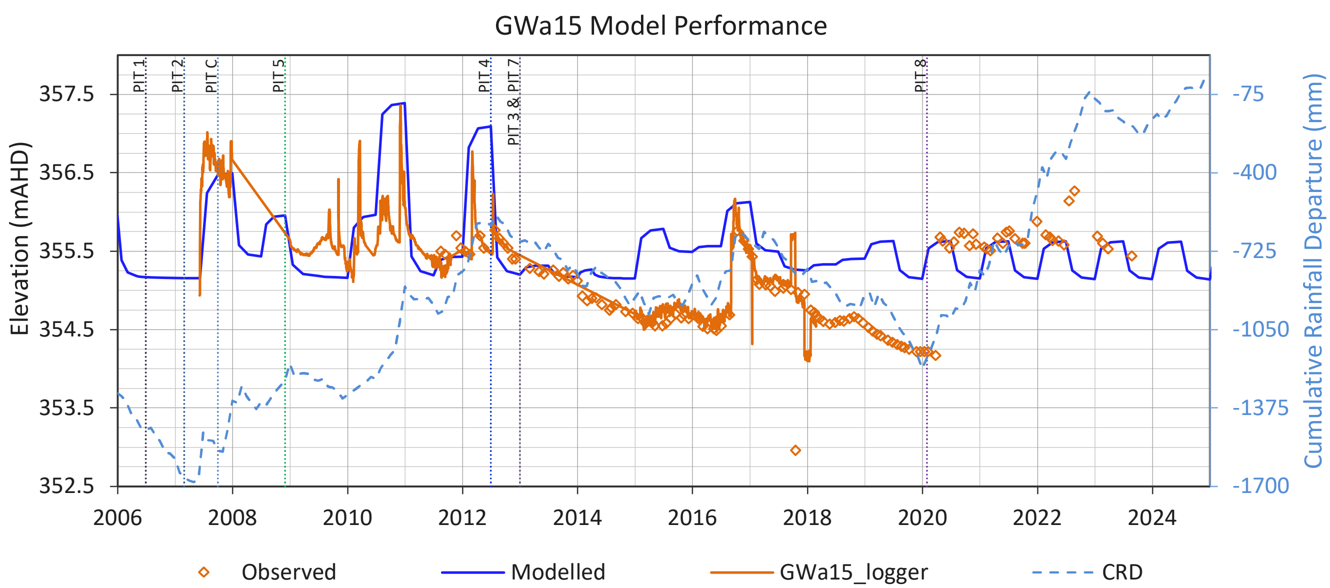

GWa4 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
358
357
356
355
354
353
352
100
-200
-500
-800
-1100
-1400
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
CRD

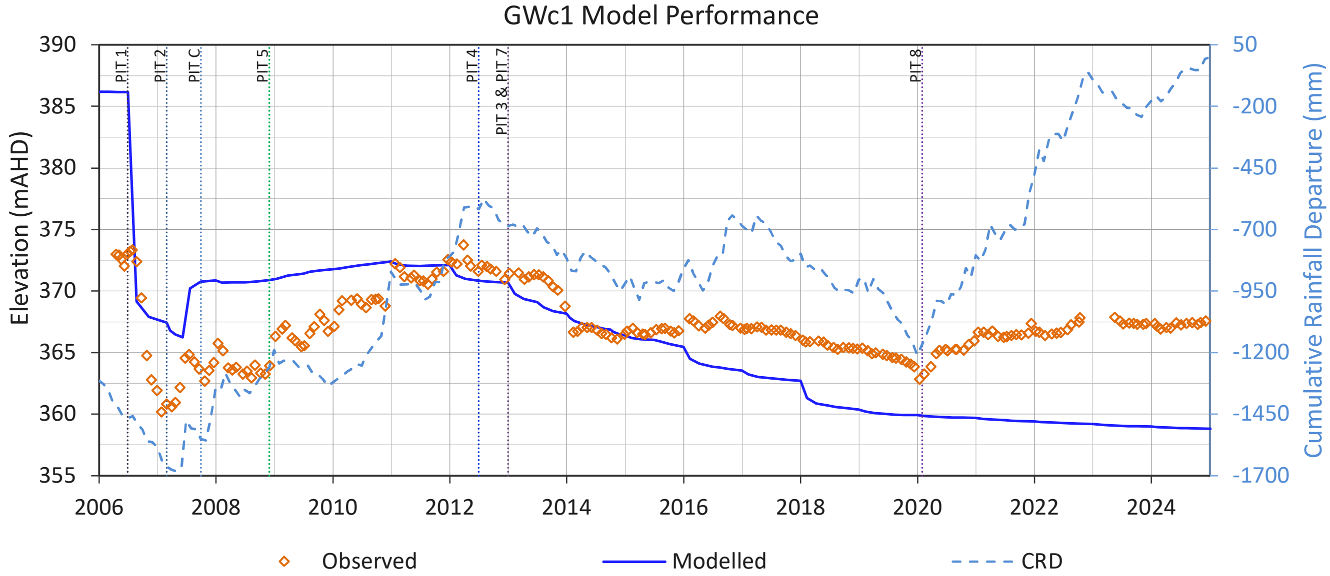

GWa5 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
374.5
374.0
373.5
373.0
372.5
372.0
371.5
371.0
370.5
370.0
100
-100
-300
-500
-700
-900
-1100
-1300
-1500
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
CRD

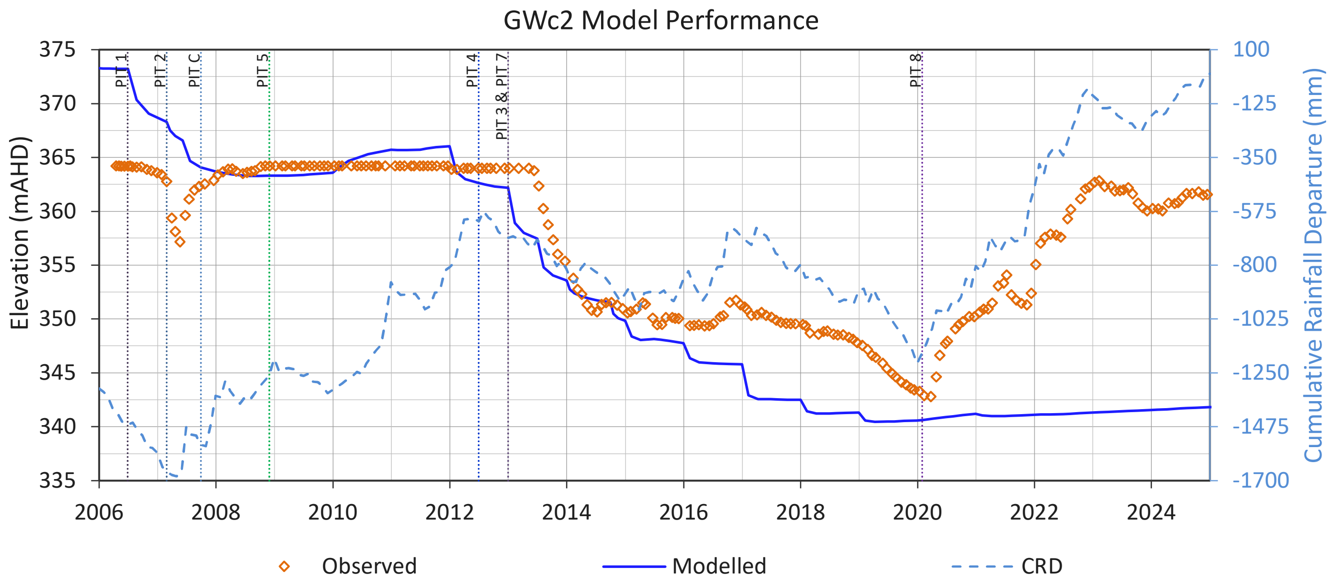

GWa6 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
361.0
360.5
360.0
359.5
359.0
358.5
358.0
357.5
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
CRD

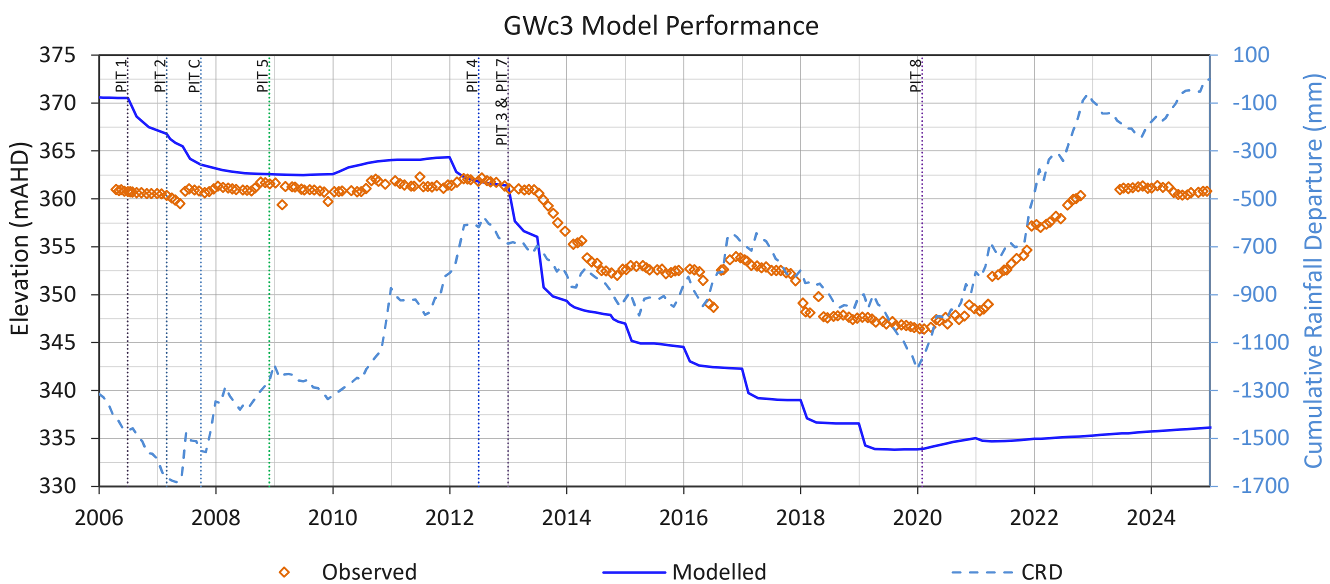

GWa12 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
367
366
365
364
363
362
361
360
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
GWa12_logger
CRD

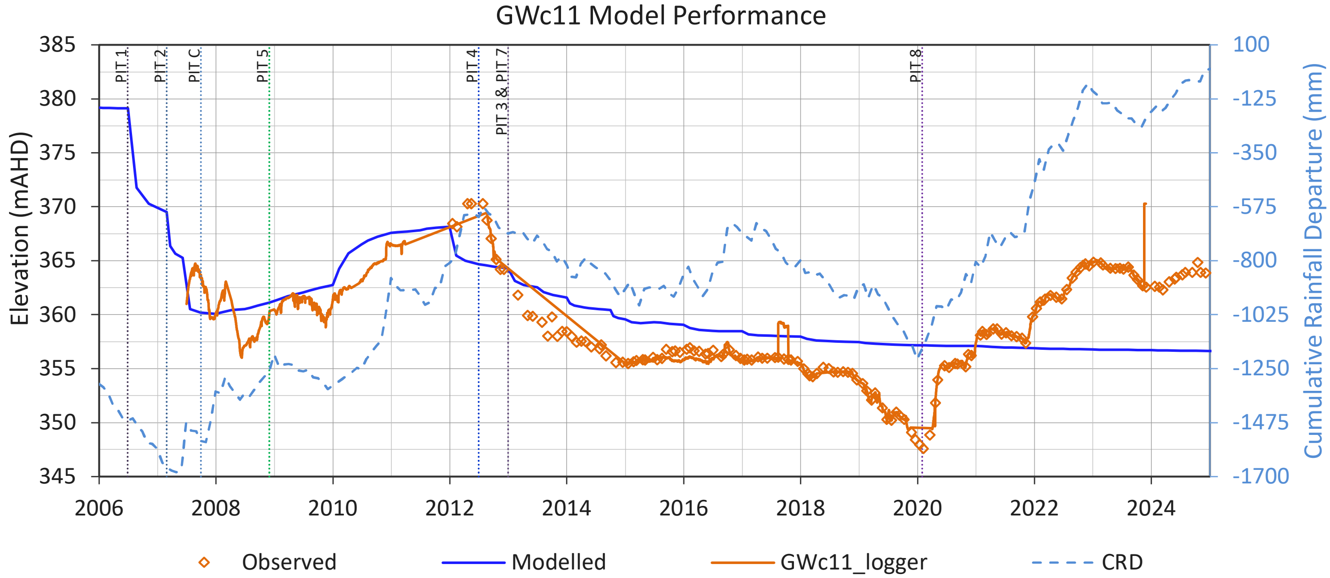

GWa14 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
363
362
361
360
359
358
357
356
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
GWa14_logger
CRD

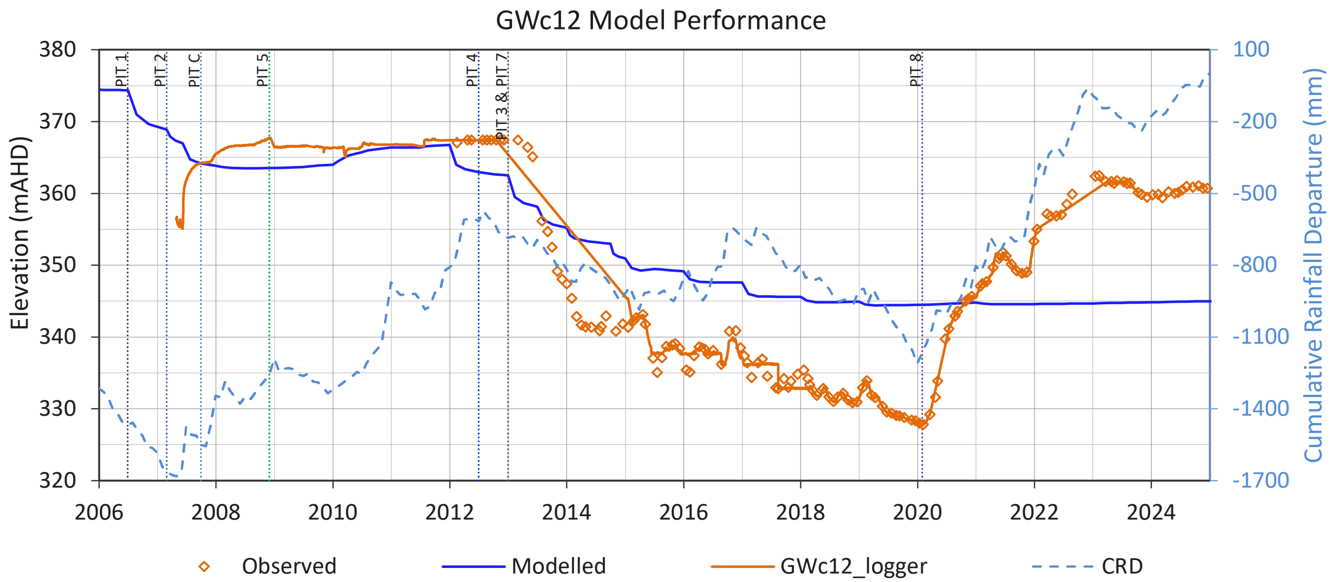

GWa15 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
357.5
356.5
355.5
354.5
353.5
352.5
-75
-400
-725
-1050
-1375
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
GWa15_logger
CRD

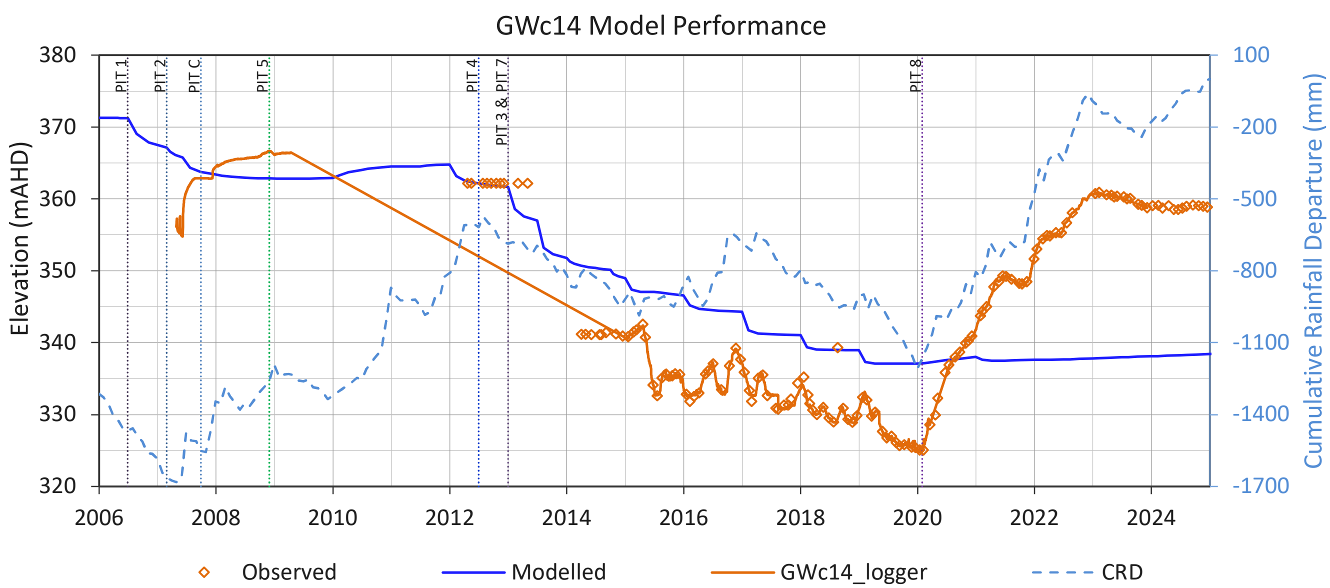

GWc1 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
390
385
380
375
370
365
360
355
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
CRD

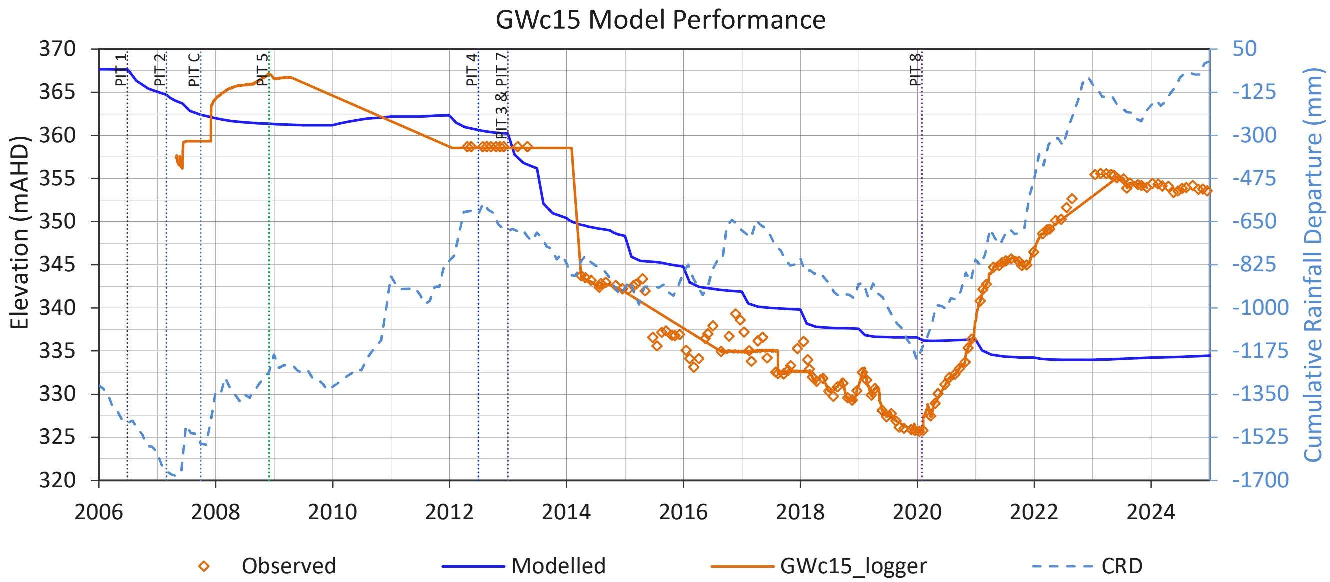

GWc2 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
375
370
365
360
355
350
345
340
335
100
-125
-350
-575
-800
-1025
-1250
-1475
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
CRD

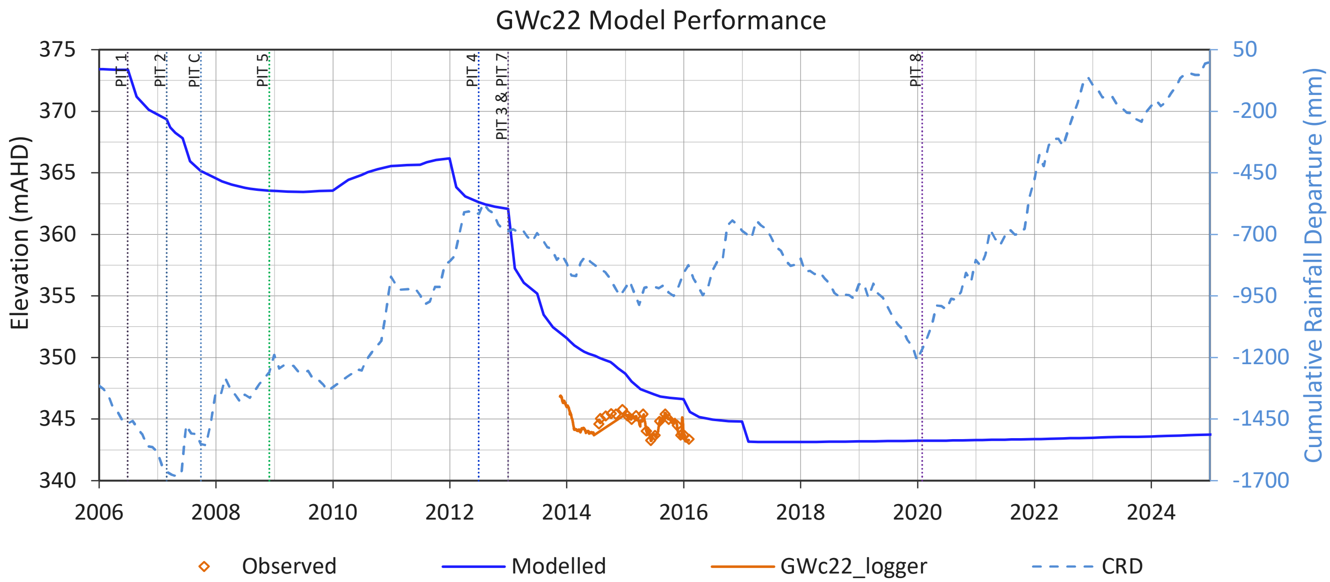

GWc3 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
375
370
365
360
355
350
345
340
335
330
100
-100
-300
-500
-700
-900
-1100
-1300
-1500
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
CRD

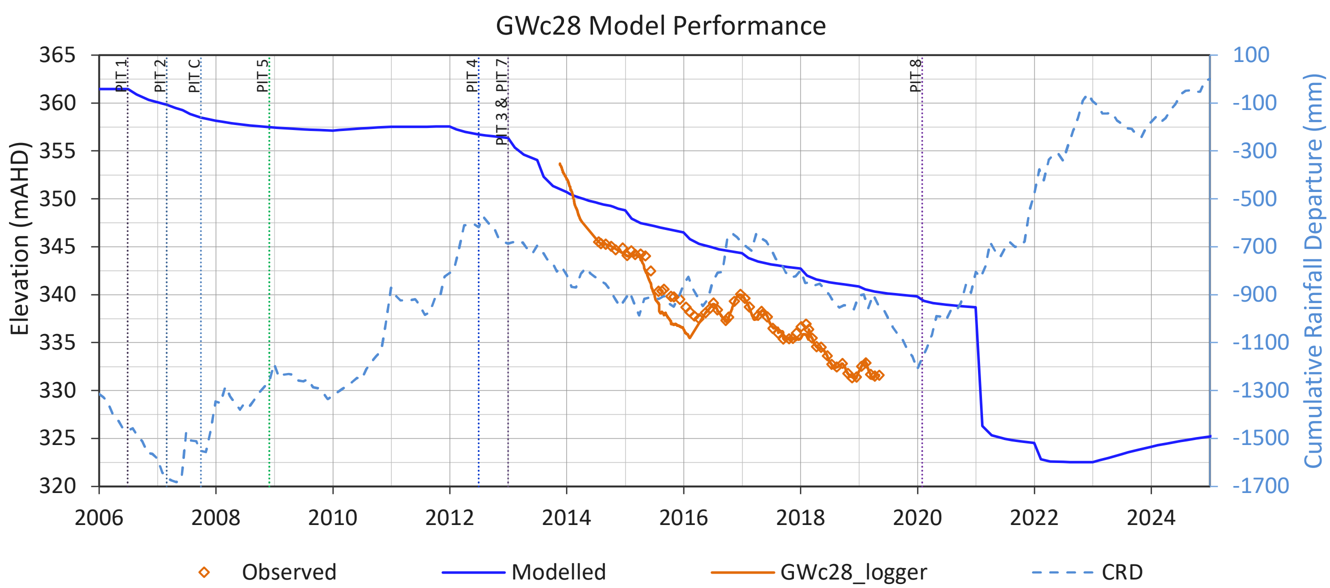

GWc11 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Observed
Modelled
GWc11_logger
CRD

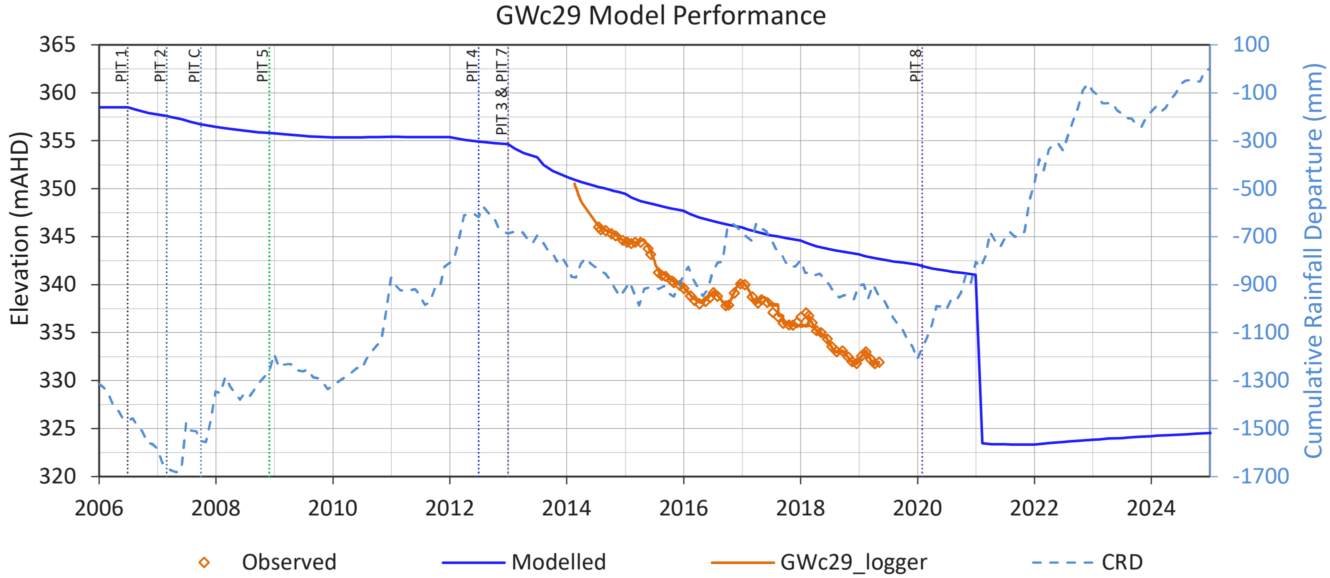

GWc12 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Observed
Modelled
GWc12_logger
CRD

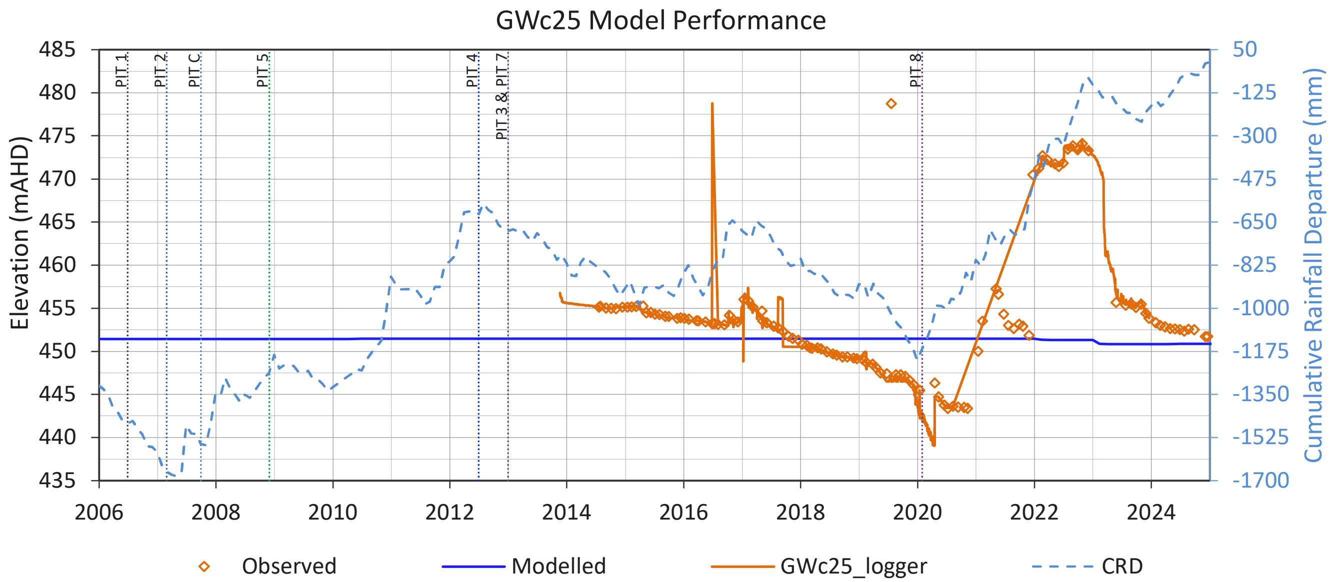

GWc14 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
Observed
Modelled
GWc14_logger
CRD


GWc15 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
370
365
360
355
350
345
340
335
330
325
320
50
-125
-300
-475
-650
-825
-1000
-1175
-1350
-1525
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
GWc15_logger
CRD


GWc22 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
375
370
365
360
355
350
345
340
50
-200
-450
-700
-950
-1200
-1450
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
GWc22_logger
CRD


GWc28 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
365
360
355
350
345
340
335
330
325
320
100
-100
-300
-500
-700
-900
-1100
-1300
-1500
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
GWc28_logger
CRD


GWc29 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
365
360
355
350
345
340
335
330
325
320
100
-100
-300
-500
-700
-900
-1100
-1300
-1500
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
GWc29_logger
CRD


GWc25 Model Performance
Elevation (mAHD)
Cumulative Rainfall Departure (mm)
PIT 1
PIT 2
PIT C
PIT 5
PIT 4
PIT 3 & PIT 7
PIT 8
485
480
475
470
465
460
455
450
445
440
435
50
-125
-300
-475
-650
-825
-1000
-1175
-1350
-1525
-1700
2006
2008
2010
2012
2014
2016
2018
2020
2022
2024
Observed
Modelled
GWc25_logger
CRD

Making Sustainability Happen