

| | | | | | | | | | | 0.725 | | | | | | | | | | 0.00055 | | | | | | | | | | 0.00055 | | | | | | | | | | 0.00055 | | | | | | | | | | 0.00275 | | | | | | | | | |
|--------|------------|---------|--------|---------------|------------|---------------------|-----------|------------------------------|-------------------------------|-----------------|------|---------|--------------|-----------------|---------------|-------------------|---------------|---------------------------|--------------------------|----------------------------|----------------------------|----------------------------|---------------------------------------|----------------------------|--|--|---------------------------|---------------------------|---|----------------------------|---------------------------|-----------------------|----------------------|---------------|-----------|-----------|-----------|-----------|-----------|---------|--|--|--|--|--|--|--|--|--|---------|--|--|--|--|--|--|--|--|--|
| ID | Date | Station | Design | Use | Land use | Geology | Geochem | Aq_unit | Representative | Gwdep th [m] | pH | Eh [mV] | Temp [°C] | Cond [µS/cm] | TDS [mg/l] | Ox_cont [mg/l] | Ox_sat [%] | Na ⁺ [mg/l] | K ⁺ [mg/l] | Mg ²⁺ [mg/l] | Ca ²⁺ [mg/l] | Sr ²⁺ [mg/l] | Fe ³⁺ (total) [mg/l] | Mn ²⁺ [mg/l] | NH ₄ ⁺ [mg/l] | Si ₄ ⁺ [mg/l] | Cl ⁻ [mg/l] | NO ₃ [mg/l] | SO ₄ ²⁻ [mg/l] | HCO ₃ [mg/l] | PO ₄ [mg/l] | δ ¹⁸ O [‰] | δ ² H [‰] | Excess [‰] | Cu [mg/L] | Ni [mg/L] | Pb [mg/L] | Cd [mg/L] | As [mg/L] | | | | | | | | | | | | | | | | | | | | |
| B10 | 22.04.2005 | well | open | watering | pasture | siltstone | variable | Aquitard (Klaoua) | extensive backgr fractured | 22.75 | 7.34 | 216 | 24.1 | 1722 | 1446 | 4.07 | 52.4 | 154.00 | 4.70 | 53.00 | 210.00 | 8.00 | 0.018 | 0.004 | 0.06 | 17.31 | 90.30 | 1.16 | 527.80 | 378.20 | 1.05 | -7.56 | -54.6 | 5.9 | 0.0020 | 0.0006 | 0.0030 | 0.0006 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| B12 | 22.04.2005 | well | open | watering | pasture | siltstone | variable | Aquitard (Klaoua) | > 20 years intensive land use | 5.42 | 7.49 | 150 | 23.6 | 848 | 672 | 2.31 | 29.6 | 24.00 | 6.80 | 30.00 | 120.00 | 5.10 | 0.030 | 0.032 | 0.13 | 9.39 | 29.00 | 23.00 | 234.50 | 189.10 | 0.55 | -5.65 | -40.0 | 5.3 | 0.0060 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| B7 | 22.04.2005 | well | open | domestic | cropping | sediment; siltstone | variable | Drâa (Klaoua) | > 20 years intensive land use | 10.40 | 6.85 | 177 | 24.5 | 7290 | 5261 | 3.51 | 44.4 | 786.00 | 16.00 | 342.00 | 577.00 | 43.00 | 0.035 | 0.030 | 0.00 | 8.71 | 1544.70 | 30.50 | 1591.90 | 320.25 | 0.41 | -4.97 | -45.1 | -5.3 | 0.0010 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| FE12 | 05.04.2005 | well | open | watering | pasture | siltstone | variable | Aquitard / B (Feija N) | extensive backgr fractured | 11.70 | 7.35 | 223 | 22.3 | 871 | 742 | 4.10 | 52.5 | 47.00 | 4.00 | 22.00 | 120.00 | 2.50 | 0.025 | 0.120 | 0.15 | 14.86 | 44.40 | 9.30 | 144.20 | 332.45 | 0.93 | -7.94 | -54.8 | 8.8 | 0.0010 | 0.0006 | 0.0010 | 0.0006 | 0.0020 | | | | | | | | | | | | | | | | | | | | |
| Fe14 | 07.04.2005 | well | open | watering | pasture | sandstone | variable | Basin (Feija) / AT (Feija N) | extensive backgr fractured | 11.62 | 7.49 | 222 | 20.0 | 821 | 685 | 0.89 | 11.2 | 38.00 | 4.30 | 21.00 | 120.00 | 1.90 | 0.009 | 0.236 | 0.25 | 11.97 | 50.70 | 2.00 | 85.70 | 347.70 | 0.94 | -7.65 | -55.7 | 5.5 | 0.0006 | 0.0000 | 0.0010 | 0.0006 | 0.0060 | | | | | | | | | | | | | | | | | | | | |
| Fe16 | 04.04.2005 | well | open | irrigation | cropping | siltstone | variable | Basin (Feija) | < 20 years intensive land use | 14.80 | 7.44 | 105 | 23.4 | 2410 | 1866 | 4.11 | 52.6 | 159.00 | 5.60 | 178.00 | 170.00 | 17.00 | 0.021 | 0.015 | 0.16 | 8.19 | 353.40 | 57.30 | 627.50 | 289.75 | 0.48 | -6.78 | -50.5 | 3.7 | 0.0006 | 0.0000 | 0.0006 | 0.0006 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| R4 | 23.04.2005 | well | open | irrigation | cropping | sediment | variable | Drâa (Klaoua) | > 20 years intensive land use | 6.80 | 7.32 | 172 | 22.3 | 7240 | 5313 | 4.02 | 49.5 | 952.00 | 16.00 | 320.00 | 439.00 | 32.00 | 0.013 | 0.003 | 0.08 | 6.71 | 1361.40 | 7.70 | 1845.40 | 332.45 | 0.55 | -4.65 | -44.3 | -7.1 | 0.0006 | 0.0010 | 0.0006 | 0.0000 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| ZAG10 | 19.04.2005 | well | open | irrigation | cropping | siltstone | variable | Aquitard (Ternata) | < 20 years intensive land use | 17.30 | 7.19 | 148 | 24.0 | 4169 | 2631 | 1.50 | 19.9 | 248.00 | 15.00 | 145.00 | 459.00 | 11.00 | 0.035 | 0.003 | 0.07 | 9.52 | 975.70 | 118.40 | 325.80 | 323.30 | 0.55 | -4.63 | -45.9 | -8.9 | 0.0020 | 0.0006 | 0.0030 | 0.0006 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| ZAG13 | 19.04.2005 | well | open | public supply | pasture | siltstone | variable | Tributary (Ternata) | < 20 years intensive land use | 4.90 | 7.64 | 189 | 24.2 | 582 | 482 | 4.31 | 55.0 | 106.00 | 3.40 | 9.80 | 22.00 | 1.30 | 0.040 | 0.002 | 0.08 | 5.06 | 40.80 | 23.60 | 74.20 | 195.20 | 0.32 | -6.98 | -51.0 | 4.9 | 0.0030 | 0.0006 | 0.0020 | 0.0006 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| ZAG15 | 19.04.2005 | well | open | irrigation | cropping | siltstone | variable | Basin / AT (Ternata) | < 20 years intensive land use | 13.60 | 7.28 | 120 | 22.1 | 1231 | 1065 | 0.61 | 7.6 | 111.00 | 6.50 | 37.00 | 133.00 | 5.20 | 0.001 | 0.211 | 0.53 | 7.09 | 105.50 | 9.50 | 139.30 | 509.35 | 0.70 | -6.59 | -49.2 | 3.5 | 0.0010 | 0.0000 | 0.0010 | 0.0006 | 0.0006 | | | | | | | | | | | | | | | | | | | | |
| ZAG15A | 19.04.2005 | well | open | irrigation | cropping | siltstone | variable | Basin / AT (Ternata) | < 20 years intensive land use | 17.50 | 6.57 | 45 | 23.4 | 1321 | 1220 | 25.80 | 322.0 | 138.00 | 6.50 | 40.00 | 135.00 | 5.40 | 0.002 | 0.128 | 0.50 | 8.89 | 70.60 | 16.60 | 81.40 | 716.75 | 0.49 | -7.36 | -54.5 | 4.4 | 0.0010 | 0.0000 | 0.0010 | 0.0006 | 0.0006 | | | | | | | | | | | | | | | | | | | | |
| ZAG21 | 20.04.2005 | well | open | irrigation | cropping | sediment | variable | Basin /Trib (Ternata) | > 20 years intensive land use | 20.20 | 6.58 | 193 | 23.5 | 3050 | 2580 | 10.00 | 100.0 | 288.00 | 11.00 | 156.00 | 266.00 | 11.00 | 0.002 | 0.002 | 0.08 | 9.24 | 431.00 | 4.60 | 671.40 | 728.95 | 0.44 | -6.99 | -52.4 | 3.5 | 0.0006 | 0.0000 | 0.0006 | 0.0000 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| ZAG29 | 20.04.2005 | well | open | irrigation | cropping | sediment | variable | Drâa (Fezouata) | > 20 years intensive land use | 13.19 | 7.14 | 174 | 22.8 | 3580 | 2763 | 3.54 | 44.3 | 426.00 | 9.60 | 138.00 | 246.00 | 7.80 | 0.019 | 0.007 | 0.43 | 7.63 | 658.50 | 6.80 | 901.70 | 359.90 | 0.40 | -4.56 | -41.7 | -5.2 | 0.0020 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| ZAG31 | 21.04.2005 | well | open | domestic | settlement | sediment | variable | Drâa (Ternata) | > 20 years intensive land use | 12.48 | 7.31 | 140 | 22.8 | 2130 | 1664 | 3.91 | 48.3 | 234.00 | 9.00 | 73.00 | 174.00 | 9.60 | 0.019 | 0.032 | 0.08 | 5.37 | 289.30 | 8.60 | 558.50 | 301.95 | 0.26 | -4.70 | -42.5 | -4.9 | 0.0030 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| ZAG38 | 21.04.2005 | well | open | domestic | settlement | sediment | variable | Aquitard / B (Fezouata) | < 20 years intensive land use | 13.09 | 7.83 | 131 | 24.2 | 4260 | 3030 | 3.99 | 51.7 | 358.00 | 8.00 | 136.00 | 479.00 | 24.00 | 0.024 | 0.015 | 0.18 | 6.51 | 872.30 | 48.60 | 1097.20 | 0.00 | 0.25 | -6.04 | -49.6 | -1.3 | 0.0030 | 0.0006 | 0.0006 | 0.0006 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| ZAG44 | 21.04.2005 | well | open | domestic | settlement | sediment | variable | Drâa (Fezouata) | > 20 years intensive land use | 9.40 | 7.40 | 153 | 24.0 | 7690 | 6117 | 3.06 | 40.0 | 956.00 | 21.00 | 337.00 | 567.00 | 48.00 | 0.019 | 0.012 | 1.63 | 7.76 | 1593.00 | 2.00 | 2265.80 | 317.20 | 0.21 | -4.60 | -41.8 | -5.0 | 0.0020 | 0.0006 | 0.0006 | 0.0000 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| ZAG5 | 19.04.2005 | well | open | non | pasture | sandstone | siliceous | Aquitard (Ternata) | extensive backgr fractured | 15.10 | 6.49 | 187 | 25.2 | 1438 | 1255 | 4.47 | 58.4 | 174.00 | 10.00 | 45.00 | 120.00 | 4.50 | 0.067 | 0.001 | 0.07 | 9.00 | 97.10 | 5.90 | 130.40 | 658.80 | 0.63 | -7.88 | -56.8 | 6.3 | 0.0020 | 0.0070 | 0.0006 | 0.0006 | 0.0000 | | | | | | | | | | | | | | | | | | | | |
| ZAG8 | 19.04.2005 | well | open | watering | pasture | siltstone | variable | Aquitard / B (El Mhyt) | extensive backgr fractured | 18.25 | 7.15 | 180 | 26.1 | 1067 | 853 | 4.50 | 61.4 | 62.00 | 7.60 | 37.00 | 120.00 | 3.10 | 0.032 | 0.009 | 0.52 | 6.77 | 92.70 | 11.40 | 139.10 | 372.10 | 0.58 | -7.93 | -53.9 | 9.5 | 0.0030 | 0.0006 | 0.0020 | 0.0006 | 0.0000 | | | | | | | | | | | | | | | | | | | | |