**Carmichael Coal Mine - Groundwater Level Data - October 2026**

**Artesian Bores**

| Bore ID | Formation | Sample date | Time | Reference level | Oct-26 | | |
|---|---|---|---|---|---|---|---|
| | | | | | Manual measurement | Groundwater level | |
| | | | | mAHD | kPa | m (converted) | mAHD |
| Artesian bores (6.9 kPa = 0.7 m head). mAHD = metres Australia Height Datum | | | | | | | |
| C034P1 | Bandanna Formation | 10/10/2026 | 15:45 | 228.24 | 9.20 | 0.94 | 229.18 |
| C18001SP | Clematis Sandstone | 9/10/2026 | 11:50 | 247.35 | 33.99 | 3.47 | 250.82 |
| C19014SP | Clematis Sandstone | 9/10/2026 | 16:55 | 240.13 | 24.95 | 2.54 | 242.68 |
| HD03A | Clematis Sandstone | 12/10/2026 | 16:30 | 230.16 | 18.16 | 1.85 | 232.01 |
| C034P3 | Colinlea Sandstone | 11/10/2026 | 9:30 | 228.26 | 10.18 | 1.04 | 229.30 |
| C14005SP | Composite Bore (Tertiary / Joe Joe) | 10/10/2026 | 17:00 | 219.61 | 26.35 | 2.69 | 222.29 |
| C14029SP | Composite Bore (Tertiary / Joe Joe) | 11/10/2026 | 9:10 | 218.17 | 84.21 | 8.59 | 226.76 |
| C14031SP | Composite Bore (Tertiary / Joe Joe) | 10/10/2026 | 13:45 | 222.02 | 119.96 | 12.23 | 234.25 |
| C180120SP* | Composite Bore (Tertiary / Joe Joe) | 10/10/2026 | 14:25 | 223.60 | 123.57 | 12.60 | 236.20 |
| C180122SP* | Composite Bore (Tertiary / Joe Joe) | 10/10/2026 | 14:30 | 224.14 | 54.29 | 5.54 | 229.68 |
| C19011SP | Dunda Beds | 12/10/2026 | 14:10 | 238.87 | 45.29 | 4.62 | 243.49 |
| C19015SP | Dunda Beds | 9/10/2026 | 17:05 | 240.37 | 38.21 | 3.90 | 244.26 |
| C14006SP | Joe Joe Group | 11/10/2026 | 10:40 | 219.68 | 28.77 | 2.93 | 222.61 |
| C14008SP | Joe Joe Group | 11/10/2026 | 10:10 | 220.66 | 37.70 | 3.84 | 224.50 |
| C14015SP | Joe Joe Group | 10/10/2026 | 14:00 | 229.30 | 67.15 | 6.85 | 236.15 |
| C14016SP | Joe Joe Group | 11/10/2026 | 8:25 | 222.72 | 83.83 | 8.55 | 231.27 |
| C14017SP | Joe Joe Group | 10/10/2026 | 13:05 | 230.43 | 143.30 | 14.61 | 245.04 |
| C14032SP | Joe Joe Group | 10/10/2026 | 13:55 | 222.44 | 132.67 | 13.53 | 235.97 |
| C180119SP* | Joe Joe Group | 10/10/2026 | 08:25 | 224.33 | 98.26 | 10.02 | 234.35 |
| C180123SP^ | Joe Joe Group | No access | | | | | |
| C914030SPR | Joe Joe Group | 11/10/2026 | 8:50 | 218.06 | 89.12 | 9.09 | 227.15 |
| C9180124SPR | Joe Joe Group | 10/10/2026 | 14:20 | 224.29 | 101.65 | 10.37 | 234.66 |
| C9180125SPR | Joe Joe Group | 10/10/2026 | 13:20 | 223.80 | 154.69 | 15.77 | 239.57 |
| C919016SPR | Rewan Formation | 9/10/2026 | 17:00 | 240.23 | 57.09 | 5.82 | 246.05 |
| C9180121SPR | Tertiary | 10/10/2026 | 13:00 | 227.75 | 70.53 | 7.19 | 234.94 |

^ Bore has been decommissioned, * Digital port blocked affecting manual reading

**Carmichael Coal Mine - Groundwater Level Data - October 2026**

**Sub-artesian Bores**

| Bore ID | Formation | Sample date | Time | Reference level | Oct-26 | |
|---|---|---|---|---|---|---|
| | | | | | DTW | Groundwater level |
| | | | | mAHD | mbRL | mAHD |
| mAHD = metres Australia Height Datum, mbRL = metres below reference level.<br>DTW = depth to water (manual measurement). | | | | | | |
| C027P1 | Alluvium | 10/10/2026 | 17:30 | 227.62 | 4.21 | 223.41 |
| C029P1 | Alluvium | 12/10/2026 | 15:50 | 226.05 | 11.05 | 215.00 |
| C14027SP | Alluvium | 12/10/2026 | 13:30 | 218.13 | 14.26 | 203.87 |
| C14028SP | Alluvium | 12/10/2026 | 12:50 | 219.63 | 13.86 | 205.77 |
| C19001SP | Alluvium | 12/10/2026 | 17:00 | 227.93 | 12.15 | 215.78 |
| C19019SP | Alluvium | 8/10/2026 | 08:50 | 255.91 | Dry | |
| C19021SP | Alluvium | 8/10/2026 | 9:15 | 265.55 | Dry | |
| C19023SP | Alluvium | 8/10/2026 | 8:00 | 225.91 | Dry | |
| HD03B | Alluvium | 12/10/2026 | 15:50 | 230.16 | 3.77 | 226.39 |
| C006P1^ | Bandanna Formation | No Access | | | | |
| C007P2 | Bandanna Formation | No Access | | | | |
| C008P2 | Bandanna Formation | No Access | | | | |
| C011P1 | Bandanna Formation | 8/10/2026 | 11:30 | 255.22 | 25.07 | 230.15 |
| C014P2 | Bandanna Formation | 9/10/2026 | 15:00 | 256.90 | 48.47 | 208.43 |
| C016P2 | Bandanna Formation | 8/10/2026 | 14:20 | 295.08 | 46.54 | 248.54 |
| C018P1 | Bandanna Formation | 8/10/2026 | 15:00 | 281.89 | 36.83 | 245.06 |
| C018P2 | Bandanna Formation | 8/10/2026 | 13:50 | 282.06 | 39.81 | 242.25 |
| C032P2 | Bandanna Formation | 11/10/2026 | 15:00 | 256.92 | 25.27 | 231.65 |
| C035P2 | Bandanna Formation | 11/10/2026 | 16:50 | 236.67 | 5.41 | 231.26 |
| C19018SP | Bandanna Formation | 9/10/2026 | 7:50 | 239.56 | 17.65 | 221.91 |
| C19027SP | Bandanna Formation | No Access | | | | |
| C844SP | Bandanna Formation | 11/10/2026 | 16:10 | 236.46 | 6.96 | 229.50 |
| C847SP | Bandanna Formation | 11/10/2026 | 11:10 | 237.92 | 6.93 | 230.99 |
| C9839SPR | Bandanna Formation | 11/10/2026 | 15:40 | 229.59 | 3.42 | 226.17 |
| C832SP* | Bandanna Formation | 11/10/2026 | 17:00 | 225.30 | 0.88 | 224.42 |
| C14011SP | Clematis Sandstone | 9/10/2026 | 14:00 | 312.44 | 69.45 | 242.99 |
| C14012SP | Clematis Sandstone | 9/10/2026 | 13:50 | 287.06 | 44.22 | 242.84 |
| C14013SP | Clematis Sandstone | 9/10/2026 | 14:20 | 287.26 | 44.52 | 242.74 |
| C14021SP | Clematis Sandstone | 11/10/2026 | 14:15 | 278.59 | 32.20 | 246.39 |

**Carmichael Coal Mine - Groundwater Level Data - October 2026**

**Sub-artesian Bores**

| Bore ID | Formation | Sample date | Time | Reference level | Oct-26 | |
|---|---|---|---|---|---|---|
| | | | | | DTW | Groundwater level |
| | | | | mAHD | mbRL | mAHD |
| mAHD = metres Australia Height Datum, mbRL = metres below reference level.<br>DTW = depth to water (manual measurement). | | | | | | |
| C14033SP | Clematis Sandstone | 8/10/2026 | 9:35 | 297.35 | 46.59 | 250.76 |
| C18002SP | Clematis Sandstone | 9/10/2026 | 09:40 | 249.28 | 5.32 | 243.96 |
| C19002SP | Clematis Sandstone | No Access | | | | |
| C19010SP | Clematis Sandstone | 12/10/2026 | 13:00 | 239.70 | 0.75 | 238.95 |
| HD02 | Clematis Sandstone | 9/10/2026 | 15:45 | 237.42 | 2.82 | 234.60 |
| C006P3R^ | Colinlea Sandstone | No Access | | | | |
| C011P3 | Colinlea Sandstone | 8/10/2026 | 11:45 | 255.08 | 27.80 | 227.28 |
| C018P3 | Colinlea Sandstone | 8/10/2026 | 14:15 | 281.98 | 39.74 | 242.24 |
| C024P3 | Colinlea Sandstone | 8/10/2026 | 12:10 | 259.16 | 30.02 | 229.14 |
| C180112SP | Colinlea Sandstone | No Access | | | | |
| C19003SP | Colinlea Sandstone | 11/10/2026 | 10:30 | 231.36 | 0.35 | 231.01 |
| C19004SP | Colinlea Sandstone | 11/10/2026 | 09:20 | 239.36 | 7.83 | 231.53 |
| C19026SP | Colinlea Sandstone | No Access | | | | |
| C19029SP | Colinlea Sandstone | No Access | | | | |
| C827SP^ | Colinlea Sandstone | No Access | | | | |
| C840SP | Colinlea Sandstone | 11/10/2026 | 15:25 | 229.85 | 4.23 | 225.62 |
| C848SP | Colinlea Sandstone | 11/10/2026 | 11:40 | 237.84 | 7.50 | 230.34 |
| C975SP | Colinlea Sandstone | 8/10/2026 | 12:50 | 267.81 | 26.82 | 240.99 |
| C9849SPR | Colinlea Sandstone | 11/10/2026 | 13:00 | 237.69 | 7.44 | 230.25 |
| C833SP* | Colinlea Sandstone | 11/10/2026 | 16:40 | 224.61 | 3.18 | 221.43 |
| C834SP* | Colinlea Sandstone | 11/10/2026 | 16:55 | 224.53 | 2.55 | 221.98 |
| C14024SP | Composite Bore (Clematis SSt / Dunda Beds) | 11/10/2026 | 12:15 | 333.31 | 70.90 | 262.41 |
| Mellaluka Spring | Composite | 10/10/2026 | 11:45 | 224.40 | 0.90 | 223.50 |
| C022P1 | Dunda Beds | 8/10/2026 | 16:00 | 274.15 | 27.53 | 246.62 |
| C027P2 | Dunda Beds | 10/10/2026 | 17:20 | 228.38 | 0.99 | 227.39 |
| C14023SP | Dunda Beds | 11/10/2026 | 14:10 | 278.68 | 31.35 | 247.33 |
| C180117SP | Dunda Beds | No Access | | | | |
| C19007SP | Dunda Beds | 9/10/2026 | 12:30 | 310.94 | 67.11 | 243.83 |

**Carmichael Coal Mine - Groundwater Level Data - October 2026**

**Sub-artesian Bores**

| Bore ID | Formation | Sample date | Time | Reference level | Oct-26 | |
|---|---|---|---|---|---|---|
| | | | | | DTW | Groundwater level |
| | | | | mAHD | mbRL | mAHD |
| mAHD = metres Australia Height Datum, mbRL = metres below reference level.<br>DTW = depth to water (manual measurement). | | | | | | |
| C012P1 | Joe Joe Group | 8/10/2026 | 09:40 | 247.94 | 26.56 | 221.38 |
| C012P2 | Joe Joe Group | 8/10/2026 | 10:20 | 247.87 | 26.41 | 221.46 |
| C14002SP | Joe Joe Group | 12/10/2026 | 12:00 | 226.93 | 8.38 | 218.55 |
| C14003SP | Joe Joe Group | 13/10/2026 | 7:30 | 218.98 | 8.55 | 210.43 |
| C14004SP | Joe Joe Group | 13/10/2026 | 7:50 | 218.92 | 9.28 | 209.64 |
| C914001SPR | Joe Joe Group | 12/10/2026 | 11:20 | 227.25 | 9.16 | 218.09 |
| C14020SP | Moolayember | 8/10/2026 | 10:15 | 297.37 | 44.98 | 252.39 |
| C18003SP | Moolayember | 9/10/2026 | 09:15 | 249.08 | 12.41 | 236.67 |
| C008P1 | Rewan Formation | No Access | | | | |
| C035P1 | Rewan Formation | 11/10/2026 | 16:00 | 236.79 | 6.41 | 230.38 |
| C19008SP | Rewan Formation | 9/10/2026 | 11:30 | 311.07 | 65.63 | 245.44 |
| C19009SP | Rewan Formation | 9/10/2026 | 11:40 | 310.47 | 130.45 | 180.02 |
| C19012SP | Rewan Formation | 12/10/2026 | 14:00 | 239.42 | 0.45 | 238.97 |
| C19017SP | Rewan Formation | 9/10/2026 | 7:55 | 239.94 | 45.20 | 194.74 |
| C19028SP | Rewan Formation | 11/10/2026 | 08:00 | 261.62 | 22.87 | 238.75 |
| C555P1 | Rewan Formation | 9/10/2026 | 17:20 | 241.86 | 11.64 | 230.22 |
| C556P1 | Rewan Formation | 11/10/2026 | 13:20 | 261.42 | 27.47 | 233.95 |
| C919013SPR | Rewan Formation | 12/10/2026 | 13:20 | 238.29 | 98.25 | 140.04 |
| C9553P1R | Rewan Formation | 8/10/2026 | 11:30 | 294.63 | 42.40 | 252.23 |
| C9838SPR | Rewan Formation | 11/10/2026 | 15:30 | 229.60 | 2.52 | 227.08 |
| C18010SP | Spring Discharge Clematis SSt | 9/10/2026 | 8:10 | 238.21 | 0.45 | 237.76 |
| C18011SP | Spring Discharge Clematis SSt | 9/10/2026 | 8:30 | 240.62 | 0.43 | 240.19 |
| C18012SP | Spring Discharge Clematis SSt | 9/10/2026 | 08:30 | 239.54 | 0.25 | 239.29 |
| C18013SP | Spring Discharge Clematis SSt | 9/10/2026 | 08:40 | 239.17 | 0.29 | 238.88 |
| C18014SP | Spring Discharge Clematis SSt | 9/10/2026 | 12:40 | 235.97 | 0.84 | 235.13 |
| Joshua Spring | Spring Discharge Clematis SSt | 9/10/2026 | 10:30 | 243.26 | 0.65 | 242.61 |
| C025P2 | Tertiary | 12/10/2026 | 16:30 | 228.24 | 11.28 | 216.96 |
| C029P2 | Tertiary | 12/10/2026 | 15:30 | 226.00 | 6.11 | 219.89 |
| C558P1 | Tertiary | No Access | | | | |

**Carmichael Coal Mine - Groundwater Level Data - October 2026**

**Sub-artesian Bores**

| Bore ID | Formation | Sample date | Time | Reference level | Oct-26 | |
|---|---|---|---|---|---|---|
| | | | | | DTW | Groundwater level |
| | | | | mAHD | mbRL | mAHD |
| mAHD = metres Australia Height Datum, mbRL = metres below reference level.<br>DTW = depth to water (manual measurement). | | | | | | |
| C9845SPR | Tertiary | 11/10/2026 | 15:30 | 256.24 | 21.69 | 234.55 |
| C18004SP | Weathered Tertiary | 13/10/2026 | 10:20 | 229.47 | 22.06 | 207.41 |
| C18005SP | Weathered Tertiary | 13/10/2026 | 9:40 | 221.66 | 9.28 | 212.38 |
| C18006SP | Weathered Tertiary | 13/10/2026 | 9:00 | 222.27 | 12.37 | 209.90 |
| C18007SP | Weathered Tertiary | No Access | | | | |
| C18008SP | Weathered Tertiary | No Access | | | | |
| C18009SP | Weathered Tertiary | 13/10/2026 | 8:20 | 226.75 | 17.44 | 209.31 |
| C19020SP | Weathered Tertiary | 8/10/2026 | 08:55 | 256.54 | Dry | |
| C19022SP | Weathered Tertiary | 8/10/2026 | 07:45 | 225.92 | 18.57 | 207.35 |
| Note: * Bore has been artesian in the past, ^ Bore has been decommissioned | | | | | | |

**Carmichael Coal Mine - Groundwater Level Data - October 2026**

**VWPs**

| VWP ID | Wire number | Formation | Sample date | Ground surface level | Depth below ground | Oct-2026 | |
|---|---|---|---|---|---|---|---|
| | | | | | | Equivalent metres of head | Relative water level |
| | | | | mAHD | m | mbRL | mAHD |
| mAHD = metres Australia Height Datum. | | | | | | | |
| C056VWP | VWP3 | Rewan | 10/10/2026 | 283.86 | 240 | 194.30 | 238.14 |
| | VWP2 | AB Seam | | | 312 | 252.40 | 224.29 |
| | VWP1 | CD Sandstone | | | 408 | 292.00 | 167.82 |
| C555VWP | VWP2 | Rewan | 9/10/2026 | 241.15 | 260.5 | 208.44 | 189.09 |
| | VWP1 | AB Seam | | | 346 | 331.26 | 226.41 |
| C558VWP | VWP3 | AB Seam | No access | 250.05 | | | |
| | VWP2 | C Seam Interburden | | | | | |
| | VWP1 | D Seam | | | | | |
| C842VWP | VWP3 | Rewan | 11/10/2026 | 238.89 | 130 | 105.10 | 213.98 |
| | VWP2 | AB Seam | | | 177.5 | 157.80 | 219.20 |
| | VWP1 | C Seam Interburden | | | 235 | 215.50 | 219.34 |
| C851VWP | VWP3 | Rewan | 11/10/2026 | 244.67 | 103.7 | 86.95 | 227.92 |
| | VWP2 | AB Seam | | | 145.7 | 124.08 | 223.05 |
| | VWP1 | CD Sandstone | | | 209.7 | 190.93 | 225.90 |
| C966VWP | VWP4 | Rewan | No access | 288.7 | | | |
| | VWP3 | Rewan | | | | | |
| | VWP2 | AB Seam | | | | | |
| | VWP1 | AB Seam Interburden | | | | | |
| C968VWP | VWP5 | AB Seam | 8/10/2026 | 279.18 | 244 | 158.80 | 193.96 |
| | VWP4 | AB Interburden | | | 258 | 178.90 | 200.11 |
| | VWP3 | C Seam | | | 302.5 | 252.90 | 177.11 |
| | VWP2 | D Seam | | | 348.5 | 332.50 | 263.22 |
| | VWP1 | D Seam Interburden | | | 355 | 358.70 | 282.83 |
| C9553VWP | VWP3 | Rewan | 12/10/2026 | 294.56 | 265.43 | 201.10 | 230.28 |
| | VWP2 | AB Seam | | | 348.43 | 315.30 | 261.42 |
| | VWP1 | D Seam | | | 467.43 | 404.40 | 231.50 |
| C9556VWP | VWP3 | Rewan | 11/10/2026 | 260.4 | 216 | 173.50 | 217.88 |
| | VWP1 | D Seam | | | 410 | 397.50 | 247.90 |
| C9836VWP | VWP3 | Rewan | 11/10/2026 | 236.8 | 130 | 112.30 | 219.05 |
| | VWP1 | CD Sandstone | | | 296 | 275.68 | 216.50 |
| C14200VWP | VWP3 | Rewan | 10/10/2026 | 247.08 | 101 | 102.10 | 248.19 |
| | VWP2 | Rewan | | | 199 | 184.40 | 232.49 |
| | VWP1 | AB Seam | | | 224 | 208.20 | 231.26 |
| C14203VWP | VWP2 | Rewan | 12/10/2026 | 230.55 | 77 | 115.70 | 269.22 |
| | VWP1 | CD Sandstone | | | 247 | 238.20 | 221.77 |
| C14206VWP | VWP2 | Rewan | 11/10/2026 | 277.15 | 355 | 310.31 | 232.46 |
| | VWP1 | AB Seam | | | 464 | 438.92 | 252.07 |
| C14207VWP | VWP2 | Rewan | No access | 305.17 | | | |
| | VWP1 | AB Seam | | | | | |
| C19842CVWP | VWP1 | Rewan | 9/10/2026 | 239.771 | 313.5 | 303.20 | 229.43 |
| C19031SPVWP | VWP1 | Colinlea Sandstone | 3/09/2026 | 238.919 | 601.4 | 574.70 | 212.21 |