

Carmichael Coal Mine - Groundwater Level Data - April 2026

Artesian Bores

Bore ID	Formation	Sample date	Time	Reference level	Apr-26		
					Digital pressure	Groundwater level	
				mAHD	kPa	m (converted)	mAHD
Artesian Bores (6.9 kPa = 0.7 m head). m AHD = metres Australia Height Datum							
C034P1	Bandanna Formation	9/04/2026	10:30	228.24	9.69	0.99	229.23
C18001SP ^	Clematis Sandstone	No access					
C19014SP ^	Clematis Sandstone	No access					
HD03A ^	Clematis Sandstone	No access					
C034P3	Colinlea Sandstone	9/04/2026	12:55	228.26	12.07	1.23	229.49
C14005SP	Composite Bore (Tertiary / Joe Joe)	15/04/2026	9:20	219.61	27.47	2.80	222.41
C14029SP	Composite Bore (Tertiary / Joe Joe)	9/04/2026	13:15	218.17	86.18	8.79	226.96
C14031SP	Composite Bore (Tertiary / Joe Joe)	14/04/2026	14:30	222.02	120.78	12.32	234.34
C180120SP	Composite Bore (Tertiary / Joe Joe)	14/04/2026	13:45	223.60	152.97	15.60	239.20
C180122SP	Composite Bore (Tertiary / Joe Joe)	14/04/2026	14:50	224.14	84.89	8.66	232.80
C19011SP ^	Dunda Beds	No access					
C19015SP ^	Dunda Beds	No access					
C14006SP	Joe Joe Group	15/04/2026	16:20	219.68	31.26	3.19	222.87
C14008SP	Joe Joe Group	15/04/2026	16:55	220.66	39.07	3.98	224.64
C14015SP	Joe Joe Group	14/04/2026	14:00	229.30	68.96	7.03	236.33
C14016SP	Joe Joe Group	16/04/2026	10:15	222.72	84.82	8.65	231.37
C14017SP	Joe Joe Group	14/04/2026	11:25	230.43	133.60	13.62	244.05
C14032SP	Joe Joe Group	14/04/2026	14:15	222.44	134.88	13.75	236.19
C180119SP	Joe Joe Group	14/04/2026	14:40	224.33	104.06	10.61	234.94
C180123SP ^	Joe Joe Group	No access					
C914030SPR	Joe Joe Group	9/04/2026	13:30	218.06	90.74	9.25	227.31
C9180124SPR	Joe Joe Group	14/04/2026	14:45	224.29	104.06	10.61	234.90
C9180125SPR	Joe Joe Group	14/04/2026	13:30	223.80	160.44	16.36	240.16
C919016SPR ^	Rewan Formation	No access					
C9180121SPR	Tertiary	14/04/2026	13:30	227.75	45.91	4.68	232.43

Note: ^ Inaccessible

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Sub-artesian Bores

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					DTW	Groundwater level
				mAHD	mbRL	mAHD
mAHD = metres Australia Height Datum, mbRL = metres below reference level. DTW = depth to water (manual measurement).						
C027P1	Alluvium	10/04/2026	10:00	227.62	2.68	224.94
C029P1	Alluvium	8/04/2026	15:50	226.05	11.29	214.76
C14027SP	Alluvium	15/04/2026	10:00	218.13	14.29	203.84
C14028SP	Alluvium	No access				
C19001SP	Alluvium	10/04/2026	8:30	227.93	12.12	215.81
C19019SP	Alluvium	10/04/2026	8:55	255.91	12.09	243.82
C19021SP	Alluvium	No access				
C19023SP	Alluvium	10/04/2026	7:30	225.91	15.00	Dry
HD03B	Alluvium	No access				
C006P1	Bandanna Formation	15/04/2026	12:05	234.11	36.48	197.63
C007P2	Bandanna Formation	No access				
C008P2	Bandanna Formation	16/04/2026	10:50	238.81	66.78	172.03
C011P1	Bandanna Formation	15/04/2026	10:30	255.22	22.60	232.62
C014P2	Bandanna Formation	14/04/2026	17:40	256.90	48.17	208.73
C016P2	Bandanna Formation	15/04/2026	16:35	295.08	46.39	248.69
C018P1	Bandanna Formation	13/04/2026	16:00	281.89	36.83	245.06
C018P2	Bandanna Formation	13/04/2026	16:30	282.06	39.74	242.32
C032P2	Bandanna Formation	9/04/2026	15:15	256.92	25.18	231.74
C035P2	Bandanna Formation	9/04/2026	12:30	236.67	5.33	231.34
C19018SP	Bandanna Formation	No access				
C19027SP ^	Bandanna Formation	No access				
C832SP*	Bandanna Formation	8/04/2026	14:15	225.30	0.53	224.77
C844SP	Bandanna Formation	9/04/2026	12:30	236.46	6.88	229.58
C847SP	Bandanna Formation	16/04/2026	9:15	237.92	6.83	231.09
C9839SPR	Bandanna Formation	8/04/2026	11:50	229.59	3.18	226.41
C14011SP	Clematis Sandstone	13/04/2026	16:00	312.44	69.44	243.00
C14012SP	Clematis Sandstone	13/04/2026	15:15	287.06	44.19	242.87
C14013SP	Clematis Sandstone	13/04/2026	14:30	287.26	44.58	242.68
C14021SP	Clematis Sandstone	No access				
C14033SP	Clematis Sandstone	13/04/2026	12:35	297.35	46.58	250.77
C18002SP	Clematis Sandstone	No access				

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C19002SP	Clematis Sandstone	No access				
C19010SP	Clematis Sandstone	No access				
HD02	Clematis Sandstone	No access				
C006P3R	Colinlea Sandstone	15/04/2026	12:00	234.36	68.32	166.04
C011P3	Colinlea Sandstone	15/04/2026	11:00	255.08	27.81	227.27
C018P3	Colinlea Sandstone	13/04/2026	16:15	281.98	39.71	242.27
C024P3	Colinlea Sandstone	15/04/2026	12:45	259.16	30.01	229.15
C180112SP	Colinlea Sandstone	15/04/2026	8:45	227.17	19.01	208.16
C19003SP	Colinlea Sandstone	9/04/2026	16:30	231.36	0.17	231.19
C19004SP	Colinlea Sandstone	9/04/2026	15:30	239.36	7.70	231.66
C19026SP	Colinlea Sandstone	No access				
C19029SP	Colinlea Sandstone	8/04/2026	15:20	225.45	22.82	202.63
C827SP	Colinlea Sandstone	15/04/2026	8:15	232.65	63.86	168.79
C833SP*	Colinlea Sandstone	8/04/2026	14:30	224.61	2.09	222.52
C834SP*	Colinlea Sandstone	8/04/2026	14:10	224.53	1.84	222.69
C840SP	Colinlea Sandstone	8/04/2026	11:55	229.85	3.95	225.90
C848SP	Colinlea Sandstone	16/04/2026	8:45	237.84	7.40	230.44
C975SP	Colinlea Sandstone	15/04/2026	13:40	267.81	26.81	241.00
C9849SPR	Colinlea Sandstone	16/04/2026	10:00	237.69	7.36	230.33
C14024SP	Composite Bore (Clematis SSt / Dunda Beds)	8/04/2026	9:15	333.31	70.88	262.43
Mellaluka Spring ^	Composite	No access				
C022P1	Dunda Beds	16/04/2026	7:30	274.15	27.60	246.55
C027P2	Dunda Beds	10/04/2026	9:50	228.38	0.86	227.52
C14023SP	Dunda Beds	No access				
C180117SP	Dunda Beds	No access				
C19007SP	Dunda Beds	10/04/2026	10:50	310.94	67.03	243.91
C012P1	Joe Joe Group	15/04/2026	12:20	247.94	26.65	221.29
C012P2	Joe Joe Group	15/04/2026	12:00	247.87	26.46	221.41
C14002SP	Joe Joe Group	No access				
C14003SP	Joe Joe Group	15/04/2026	14:45	218.98	8.40	210.58
C14004SP	Joe Joe Group	15/04/2026	15:00	218.92	9.09	209.83

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C914001SPR	Joe Joe Group	No access				
C14020SP	Moolayember	13/04/2026	13:30	297.37	44.90	252.47
C18003SP	Moolayember	No access				
C008P1	Rewan Formation	16/04/2026	10:55	238.64	28.87	209.77
C035P1	Rewan Formation	9/04/2026	11:55	236.79	6.28	230.51
C19008SP	Rewan Formation	10/04/2026	12:50	311.07	65.52	245.55
C19009SP	Rewan Formation	10/04/2026	11:30	310.47	137.49	172.98
C19012SP	Rewan Formation	No access				
C19017SP	Rewan Formation	No access				
C19028SP	Rewan Formation	9/04/2026	13:30	261.62	22.84	238.78
C555P1	Rewan Formation	8/04/2026	16:15	241.86	11.60	230.26
C556P1	Rewan Formation	8/04/2026	10:35	261.42	27.27	234.15
C919013SPR	Rewan Formation	No access				
C9553P1R	Rewan Formation	13/04/2026	15:10	294.63	42.46	252.17
C9838SPR	Rewan Formation	8/04/2026	11:45	229.60	2.14	227.46
C18010SP	Spring Discharge Clematis SSt	No access				
C18011SP	Spring Discharge Clematis SSt	No access				
C18012SP	Spring Discharge Clematis SSt	No access				
C18013SP	Spring Discharge Clematis SSt	No access				
C18014SP	Spring Discharge Clematis SSt	No access				
Joshua Spring	Spring Discharge Clematis SSt	No access				
C025P2	Tertiary	10/04/2026	8:10	228.24	11.03	217.21
C029P2	Tertiary	8/04/2026	15:30	226.00	5.80	220.20
C558P1 ^	Tertiary	No access				
C9845SPR	Tertiary	9/04/2026	15:25	256.24	21.65	234.59
C18004SP	Weathered Tertiary	16/04/2026	9:00	229.47	21.98	207.49
C18005SP	Weathered Tertiary	16/04/2026	8:15	221.66	9.69	211.97
C18006SP	Weathered Tertiary	14/04/2026	17:15	222.27	11.96	210.31
C18007SP ^	Weathered Tertiary	No access				
C18008SP	Weathered Tertiary	16/04/2026	9:00	236.47	29.00	Dry
C18009SP	Weathered Tertiary	10/04/2026	12:00	226.75	17.43	209.32

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C19020SP	Weathered Tertiary	10/04/2026	9:00	256.54	50.00	Dry
C19022SP	Weathered Tertiary	10/04/2026	7:55	225.92	18.52	207.40
Note: ^ Inaccessible; Has historically been artesian						

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VWPs

VWP ID	Wire number	Formation	Sample date	Ground surface level	Depth below ground	Apr-2026	
						Equivalent metres of head	Relative water level
						mAHD	m
mAHD = metres Australia Height Datum.							
C056VWP	VWP3	Rewan	15/04/2026	283.86	240	193.99	237.85
	VWP2	AB Seam			312	252.53	224.39
	VWP1	CD Sandstone			408	291.71	167.57
C555VWP	VWP2	Rewan	8/04/2026	241.15	260.5	210.00	190.65
	VWP1	AB Seam			346	331.52	226.67
C558VWP	VWP3	AB Seam	No access	250.05	73		
	VWP2	C Seam Interburden			120		
	VWP1	D Seam			178		
C842VWP	VWP3	Rewan	15/04/2026	238.89	130	105.69	214.58
	VWP2	AB Seam			177.5	157.89	219.28
	VWP1	C Seam Interburden			235	215.60	219.49
C851VWP	VWP3	Rewan	9/04/2026	244.67	103.7	87.27	228.24
	VWP2	AB Seam			145.7	124.13	223.10
	VWP1	CD Sandstone			209.7	190.93	225.90
C966VWP	VWP4	Rewan	15/04/2026	288.7	258	222.80	253.50
	VWP3	Rewan			302.5	227.33	213.53
	VWP2	AB Seam			348.5	190.57	130.77
	VWP1	AB Seam Interburden			355	183.16	116.86
C968VWP	VWP5	AB Seam	15/04/2026	279.18	244	158.92	194.10
	VWP4	AB Interburden			258	178.94	200.12
	VWP3	C Seam			302.5	253.03	177.21
	VWP2	D Seam			348.5	332.76	263.44
	VWP1	D Seam Interburden			355	358.9	283.04
C9553VWP	VWP3	Rewan	15/04/2026	294.56	265.43	201.61	230.74
	VWP2	AB Seam			348.43	315.04	261.17
	VWP1	D Seam			467.43	404.29	231.42
C9556VWP	VWP3	Rewan	8/04/2026	260.4	216	173.71	218.11
	VWP1	D Seam			410	397.26	247.66
V9836VWP	VWP3	Rewan	8/04/2026	236.8	130	112.64	219.44
	VWP1	CD Sandstone			296	276.14	216.94
C14200VWP	VWP3	Rewan	14/04/2026	247.08	101	100.94	247.02
	VWP2	Rewan			199	184.46	232.54
	VWP1	AB Seam			224	208.42	231.50
C14203VWP	VWP2	Rewan	No access	230.55	77		
	VWP1	CD Sandstone			247		
C14206VWP	VWP2	Rewan	No access	277.15	355		
	VWP1	AB Seam			464		
C14207VWP	VWP2	Rewan	No access	305.17	400		
	VWP1	AB Seam			504		
C19842CVWP	VWP1	Rewan	No access	239.771	313.5		
C19031SPVWP	VWP1	Colinlea Sandstone	No access	238.919	601.4		