

Carmichael Coal Mine - Groundwater Level Data - May 2026
Artesian Bores

Bore ID	Formation	Sample date	Time	Reference level	May-26		
					Digital pressure	Groundwater level	
				mAHD	kPa	m (converted)	mAHD
Artesian bores (6.9 kPa = 0.7 m head). mAHD = metres Australia Height Datum							
C034P1	Bandanna Formation	17/05/2026	8:35	228.24	9.60	0.98	229.22
C18001SP	Clematis Sandstone	15/05/2026	12:50	247.35	34.26	3.49	250.84
C19014SP	Clematis Sandstone	15/05/2026	14:05	240.13	26.14	2.67	242.80
HD03A	Clematis Sandstone	No Access					
C034P3	Colinlea Sandstone	18/05/2026	17:40	228.26	10.39	1.06	229.32
C14005SP	Composite Bore (Tertiary / Joe Joe)	17/05/2026	14:55	219.61	27.41	2.80	222.40
C14029SP	Composite Bore (Tertiary / Joe Joe)	18/05/2026	17:00	218.17	85.85	8.75	226.92
C14031SP	Composite Bore (Tertiary / Joe Joe)	18/05/2026	14:45	222.02	123.56	12.60	234.62
C180120SP	Composite Bore (Tertiary / Joe Joe)	18/05/2026	14:00	223.60	144.34	14.72	238.32
C180122SP	Composite Bore (Tertiary / Joe Joe)	18/05/2026	16:00	224.14	84.52	8.62	232.76
C19011SP	Dunda Beds	16/05/2026	7:30	238.87	45.94	4.68	243.55
C19015SP	Dunda Beds	15/05/2026	14:07	240.37	39.42	4.02	244.38
C14006SP	Joe Joe Group	19/05/2026	10:15	219.68	31.00	3.16	222.84
C14008SP	Joe Joe Group	19/05/2026	8:40	220.66	39.33	4.01	224.67
C14015SP	Joe Joe Group	18/05/2026	15:15	229.30	68.90	7.03	236.33
C14016SP	Joe Joe Group	18/05/2026	16:30	222.72	84.58	8.62	231.34
C14017SP	Joe Joe Group	18/05/2026	11:00	230.43	144.14	14.70	245.13
C14032SP	Joe Joe Group	18/05/2026	14:35	222.44	136.69	13.94	236.38
C180119SP	Joe Joe Group	18/05/2026	15:55	224.33	105.48	10.76	235.09
C180123SP ^	Joe Joe Group	No Access					
C914030SPR	Joe Joe Group	18/05/2026	17:05	218.06	91.28	9.31	227.37
C9180124SPR	Joe Joe Group	18/05/2026	16:00	224.29	104.16	10.62	234.91
C9180125SPR	Joe Joe Group	18/05/2026	14:15	223.80	159.29	16.24	240.04
C919016SPR	Rewan Formation	15/05/2026	14:06	240.23	58.29	5.94	246.17
C9180121SPR	Tertiary	18/05/2026	16:40	227.75	52.03	5.31	233.05

^ Bore has been decommissioned

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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	19/05/2026	16:40	227.62	3.10	224.52
C029P1	Alluvium	19/05/2026	13:30	226.05	11.27	214.78
C14027SP	Alluvium	19/05/2026	9:30	218.13	14.33	203.80
C14028SP	Alluvium	18/05/2026	10:35	219.63	13.83	205.80
C19001SP	Alluvium	19/05/2026	15:20	227.93	12.13	215.80
C19019SP	Alluvium	19/05/2026	10:30	255.91	12.37	243.54
C19021SP	Alluvium	No access				
C19023SP	Alluvium	19/05/2026	11:15	225.91	15.00	Dry
HD03B	Alluvium	No access				
C006P1	Bandanna Formation	18/05/2026	13:15	234.11	36.57	197.54
C007P2	Bandanna Formation	18/05/2026	13:50	238.61	66.00	172.61
C008P2	Bandanna Formation	19/05/2026	14:15	238.81	65.37	173.44
C011P1	Bandanna Formation	16/05/2026	15:45	255.22	23.66	231.56
C014P2	Bandanna Formation	15/05/2026	17:30	256.90	48.25	208.65
C016P2	Bandanna Formation	16/05/2026	13:50	295.08	46.42	248.66
C018P1	Bandanna Formation	16/05/2026	14:20	281.89	36.86	245.03
C018P2	Bandanna Formation	16/05/2026	15:05	282.06	39.77	242.29
C032P2	Bandanna Formation	17/05/2026	14:30	256.92	25.20	231.72
C035P2	Bandanna Formation	17/05/2026	16:00	236.67	5.34	231.33
C19018SP	Bandanna Formation	16/05/2026	09:10	239.56	17.39	222.17
C19027SP	Bandanna Formation	No access				
C832SP*	Bandanna Formation	17/05/2026	14:20	225.30	0.53	224.77
C844SP	Bandanna Formation	17/05/2026	16:20	236.46	6.89	229.57
C847SP	Bandanna Formation	17/05/2026	11:45	237.92	6.86	231.06
C9839SPR	Bandanna Formation	17/05/2026	13:20	229.59	3.16	226.43
C14011SP	Clematis Sandstone	15/05/2026	13:25	312.44	69.54	242.90
C14012SP	Clematis Sandstone	15/05/2026	12:55	287.06	44.29	242.77
C14013SP	Clematis Sandstone	15/05/2026	12:15	287.26	44.61	242.65
C14021SP	Clematis Sandstone	17/05/2026	12:05	278.59	32.19	246.40

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C14033SP	Clematis Sandstone	16/05/2026	9:30	297.35	46.58	250.77
C18002SP	Clematis Sandstone	15/05/2026	11:00	249.28	5.23	244.05
C19002SP	Clematis Sandstone	No access				
C19010SP	Clematis Sandstone	15/05/2026	15:15	239.70	0.58	239.12
HD02	Clematis Sandstone	16/05/2026	07:20	237.42	2.52	234.90
C006P3R	Colinlea Sandstone	18/05/2026	13:20	234.36	69.54	164.82
C011P3	Colinlea Sandstone	16/05/2026	15:30	255.08	27.81	227.27
C018P3	Colinlea Sandstone	16/05/2026	14:40	281.98	39.74	242.24
C024P3	Colinlea Sandstone	16/05/2026	16:30	259.16	30.00	229.16
C180112SP	Colinlea Sandstone	No access				
C19003SP	Colinlea Sandstone	17/05/2026	10:50	231.36	0.31	231.05
C19004SP	Colinlea Sandstone	17/05/2026	09:40	239.36	7.78	231.58
C19026SP	Colinlea Sandstone	18/05/2026	14:00	239.28	66.99	172.29
C19029SP	Colinlea Sandstone	17/05/2026	16:46	225.45	14.62	210.83
C827SP	Colinlea Sandstone	18/05/2026	13:00	232.65	65.74	166.91
C833SP*	Colinlea Sandstone	17/05/2026	14:10	224.61	2.07	222.54
C834SP*	Colinlea Sandstone	17/05/2026	14:15	224.53	1.83	222.70
C840SP	Colinlea Sandstone	17/05/2026	13:25	229.85	3.94	225.91
C848SP	Colinlea Sandstone	17/05/2026	12:15	237.84	7.45	230.39
C975SP	Colinlea Sandstone	19/05/2026	09:30	267.81	26.81	241.00
C9849SPR	Colinlea Sandstone	17/05/2026	12:45	237.69	7.39	230.30
C14024SP	Composite Bore (Clematis SSt / Dunda Beds)	17/05/2026	10:00	333.31	70.85	262.46
Mellaluka Spring	Composite	18/05/2026	11:30	224.40	0.90	223.50
C022P1	Dunda Beds	16/05/2026	16:20	274.15	27.59	246.56
C027P2	Dunda Beds	19/05/2026	16:30	228.38	0.85	227.53
C14023SP	Dunda Beds	17/05/2026	12:00	278.68	31.34	247.34
C180117SP	Dunda Beds	No access				
C19007SP	Dunda Beds	15/05/2026	9:00	310.94	67.09	243.85

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C012P1	Joe Joe Group	16/05/2026	14:30	247.94	26.59	221.35
C012P2	Joe Joe Group	16/05/2026	14:00	247.87	26.48	221.39
C14002SP	Joe Joe Group	18/05/2026	09:45	226.93	8.23	218.70
C14003SP	Joe Joe Group	19/05/2026	12:20	218.98	8.43	210.55
C14004SP	Joe Joe Group	19/05/2026	12:40	218.92	9.77	209.15
C914001SPR	Joe Joe Group	18/05/2026	08:30	227.25	9.01	218.24
C14020SP	Moolayember	16/05/2026	10:05	297.37	44.94	252.43
C18003SP	Moolayember	15/05/2026	10:30	249.08	12.43	236.65
C008P1	Rewan Formation	19/05/2026	13:40	238.64	29.07	209.57
C035P1	Rewan Formation	17/05/2026	16:20	236.79	6.33	230.46
C19008SP	Rewan Formation	15/05/2026	10:30	311.07	65.60	245.47
C19009SP	Rewan Formation	15/05/2026	10:00	310.47	136.06	174.41
C19012SP	Rewan Formation	15/05/2026	14:45	239.42	0.00	239.42
C19017SP	Rewan Formation	16/05/2026	11:20	239.94	48.83	191.11
C19028SP	Rewan Formation	17/05/2026	08:20	261.62	22.85	238.77
C555P1	Rewan Formation	19/05/2026	15:30	241.86	11.59	230.27
C556P1	Rewan Formation	17/05/2026	11:25	261.42	27.30	234.12
C919013SPR	Rewan Formation	15/05/2026	14:25	238.29	101.89	136.40
C9553P1R	Rewan Formation	16/05/2026	12:55	294.63	42.44	252.19
C9838SPR	Rewan Formation	17/05/2026	13:30	229.60	2.17	227.43
C18010SP ^	Spring Discharge Clematis SSt	See footnote				
C18011SP	Spring Discharge Clematis SSt	15/05/2026	16:00	240.62	0.38	240.24
C18012SP	Spring Discharge Clematis SSt	15/05/2026	09:55	239.54	0.30	239.24
C18013SP	Spring Discharge Clematis SSt	15/05/2026	09:50	239.17	0.29	238.88
C18014SP	Spring Discharge Clematis SSt	16/05/2026	12:15	235.97	0.37	235.60
Joshua Spring	Spring Discharge Clematis SSt	15/05/2026	11:10	243.26	0.70	242.56
C025P2	Tertiary	19/05/2026	14:30	228.24	11.03	217.21
C029P2	Tertiary	19/05/2026	12:50	226.00	5.90	220.10
C558P1	Tertiary	No access				

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C9845SPR	Tertiary	17/05/2026	15:20	256.24	21.68	234.56
C18004SP	Weathered Tertiary	19/05/2026	16:20	229.47	22.06	207.41
C18005SP	Weathered Tertiary	18/05/2026	16:50	221.66	9.15	212.51
C18006SP	Weathered Tertiary	18/05/2026	15:50	222.27	12.27	210.00
C18007SP	Weathered Tertiary	No access				
C18008SP	Weathered Tertiary	No access				
C18009SP	Weathered Tertiary	16/05/2026	17:10	226.75	17.43	209.32
C19020SP	Weathered Tertiary	19/05/2026	10:25	256.54	50.00	Dry
C19022SP	Weathered Tertiary	19/05/2026	11:10	225.92	18.56	207.36
Note: * Bore has been artesian in the past, ^ Result not included as water levels recovering from recent sampling by third party and therefore not representative of background levels						

Carmichael Coal Mine - Groundwater Level Data - May 2026
VWPs

VWP ID	Wire number	Formation	Sample date	Ground surface level	Depth below ground	May-2026	
						Equivalent metres of head	Relative water level
						mAHD	m
mAHD = metres Australia Height Datum.							
C056VWP	VWP3	Rewan	16/05/2026	283.86	240	195.51	239.37
	VWP2	AB Seam			312	252.52	224.38
	VWP1	CD Sandstone			408	291.89	167.75
C555VWP	VWP2	Rewan	19/05/2026	241.15	260.5	209.64	190.29
	VWP1	AB Seam			346	331.41	226.56
C558VWP	VWP3	AB Seam	No access	250.05	73		
	VWP2	C Seam Interburden			120		
	VWP1	D Seam			178		
C842VWP	VWP3	Rewan	17/05/2026	238.89	130	105.60	214.49
	VWP2	AB Seam			177.5	157.89	219.28
	VWP1	C Seam Interburden			235	215.56	219.45
C851VWP	VWP3	Rewan	17/05/2026	244.67	103.7	87.20	228.17
	VWP2	AB Seam			145.7	124.11	223.08
	VWP1	CD Sandstone			209.7	190.91	225.88
C966VWP	VWP4	Rewan	16/05/2026	288.7	258	222.79	253.49
	VWP3	Rewan			302.5	227.33	213.53
	VWP2	AB Seam			348.5	190.57	130.77
	VWP1	AB Seam Interburden			355	183.15	116.85
C968VWP	VWP5	AB Seam	16/05/2026	279.18	244	158.92	194.10
	VWP4	AB Interburden			258	178.95	200.13
	VWP3	C Seam			302.5	253.03	177.21
	VWP2	D Seam			348.5	332.74	263.42
	VWP1	D Seam Interburden			355	358.8	283.02
C9553VWP	VWP3	Rewan	16/05/2026	294.56	265.43	201.55	230.68
	VWP2	AB Seam			348.43	315.19	261.32
	VWP1	D Seam			467.43	404.44	231.57
C9556VWP	VWP3	Rewan	17/05/2026	260.4	216	173.66	218.06
	VWP1	D Seam			410	397.29	247.69
C9836VWP	VWP3	Rewan	19/05/2026	236.8	130	112.56	219.36
	VWP1	CD Sandstone			296	276.03	216.83
C14200VWP	VWP3	Rewan	18/05/2026	247.08	101	101.19	247.27
	VWP2	Rewan			199	184.38	232.46
	VWP1	AB Seam			224	208.31	231.39
C14203VWP	VWP2	Rewan	19/05/2026	230.55	77	115.53	269.08
	VWP1	CD Sandstone			247	238.68	222.23
C14206VWP	VWP2	Rewan	17/05/2026	277.15	355	310.52	232.67
	VWP1	AB Seam			464	439.71	252.86
C14207VWP	VWP2	Rewan	No access	305.17	400		
	VWP1	AB Seam			504		
C19842CVWP	VWP1	Rewan	Battery needs replacing	239.771	313.5		
C19031SPVWP	VWP1	Colinlea Sandstone	16/05/2026	238.919	601.4	574.89	212.41