

Artesian Bores

* Groundwater level sub-artesian; ^ Inaccessible

Carmichael Coal Mine - Groundwater Level Data - March 2025

Sub-artesian Bores

Bore ID	Formation	Sample Date	Time	Reference Level	Mar-25	
				DTW	Groundwater Level	
				mAHD	m bRL	mAHD
m AHD = metres Australia Height Datum, m bRL = metres below Reference Level, DTW = depth to water (manual measurement),						
C027P1	Alluvium	5/03/2025	17:00	227.62	5.69	221.93
C029P1	Alluvium	7/03/2025	12:20	226.05	11.54	214.51
C14027SP	Alluvium	5/03/2025	15:40	218.13	14.35	203.78
C14028SP	Alluvium	3/03/2025	15:50	219.63	13.91	205.72
C19001SP	Alluvium	7/03/2025	14:40	227.93	12.39	215.54
C19019SP	Alluvium	7/03/2025	08:00	255.91	-	Dry
C19021SP	Alluvium	7/03/2025	08:30	265.55	-	Dry
C19023SP	Alluvium	6/03/2025	11:40	225.91	-	Dry
HD03B	Alluvium	4/03/2025	08:32	230.16	3.66	226.50
C006P1	Bandanna Formation	7/03/2025	16:52	234.11	34.88	199.23
C007P2	Bandanna Formation	3/03/2025	15:40	238.61	76.64	161.97
C008P2	Bandanna Formation	3/03/2025	13:30	238.81	61.79	177.02
C011P1	Bandanna Formation	6/03/2025	14:00	255.22	24.57	230.65
C014P2	Bandanna Formation	7/03/2025	13:05	256.90	47.88	209.02
C016P2	Bandanna Formation	6/03/2025	13:30	295.08	46.40	248.68
C018P1	Bandanna Formation	6/03/2025	14:35	281.89	36.90	244.99
C018P2	Bandanna Formation	6/03/2025	14:10	282.06	39.85	242.21
C032P2	Bandanna Formation	5/03/2025	11:30	256.92	25.09	231.83
C035P2	Bandanna Formation	5/03/2025	12:40	236.67	5.24	231.43
C19018SP	Bandanna Formation	4/03/2025	12:20	239.56	17.10	222.46
C19027SP	Bandanna Formation	4/03/2025	15:00	263.34	42.88	220.46
C844SP	Bandanna Formation	5/03/2025	13:00	236.46	6.87	229.59
C847SP	Bandanna Formation	5/03/2025	09:45	237.92	6.87	231.05
C9839SPR	Bandanna Formation	5/03/2025	14:35	229.59	3.37	226.22
C14011SP	Clematis Sandstone	4/03/2025	15:20	312.44	69.59	242.85
C14012SP	Clematis Sandstone	4/03/2025	13:10	287.06	44.35	242.71
C14013SP	Clematis Sandstone	4/03/2025	14:10	287.26	44.72	242.54
C14021SP	Clematis Sandstone	5/03/2025	13:40	278.59	32.59	246.00
C14033SP	Clematis Sandstone	6/03/2025	08:24	297.35	46.65	250.70
C18002SP	Clematis Sandstone	4/03/2025	10:10	249.28	5.31	243.97
C19002SP	Clematis Sandstone	6/03/2025	15:00	306.27	57.31	248.96

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Bore ID	Formation	Sample Date	Time	Reference Level	Mar-25	
					DTW	Groundwater Level
				mAHD	m bRL	mAHD
m AHD = metres Australia Height Datum, m bRL = metres below Reference Level, DTW = depth to water (manual measurement),						
C19010SP	Clematis Sandstone	6/03/2025	16:35	239.70	0.78	238.92
HD02	Clematis Sandstone	4/03/2025	13:02	237.42	2.61	234.81
C006P3R	Colinlea Sandstone	7/03/2025	16:30	234.36	69.98	164.38
C011P3	Colinlea Sandstone	6/03/2025	13:20	255.08	27.88	227.20
C018P3	Colinlea Sandstone	6/03/2025	13:40	281.98	39.79	242.19
C024P3	Colinlea Sandstone	6/03/2025	14:10	259.16	30.18	228.98
C180112SP	Colinlea Sandstone	7/03/2025	16:00	227.17	43.14	184.03
C19003SP	Colinlea Sandstone	5/03/2025	09:05	231.36	0.32	231.04
C19004SP	Colinlea Sandstone	5/03/2025	08:50	239.36	7.82	231.54
C19026SP	Colinlea Sandstone	7/03/2025	17:10	239.28	75.73	163.55
C19029SP	Colinlea Sandstone	5/03/2025	16:55	225.45	34.81	190.64
C827SP	Colinlea Sandstone	7/03/2025	16:20	232.65	66.78	165.87
C840SP	Colinlea Sandstone	5/03/2025	14:40	229.85	3.37	226.48
C848SP	Colinlea Sandstone	5/03/2025	10:20	237.84	7.44	230.40
C975SP	Colinlea Sandstone	6/03/2025	15:00	267.81	26.85	240.96
C9849SPR	Colinlea Sandstone	5/03/2025	10:10	237.69	7.39	230.30
C14024SP^	Composite Bore (Clematis SSt / Dunda Beds)	No access				
Mellaluka Spring ^	Composite	No access				
C022P1	Dunda Beds	4/03/2025	16:00	274.15	27.64	246.51
C027P2	Dunda Beds	7/03/2025	15:40	228.38	1.52	226.86
C14023SP	Dunda Beds	5/03/2025	13:10	278.68	31.58	247.10
C180117SP	Dunda Beds	5/03/2025	10:55	280.67	30.10	250.57
C19007SP	Dunda Beds	4/03/2025	16:15	310.94	67.13	243.81
C012P1	Joe Joe Group	6/03/2025	12:40	247.94	26.74	221.20
C012P2	Joe Joe Group	6/03/2025	12:20	247.87	26.57	221.30
C14002SP	Joe Joe Group	3/03/2025	14:25	226.93	8.31	218.62
C14003SP	Joe Joe Group	6/03/2025	07:50	218.98	8.55	210.43
C14004SP	Joe Joe Group	6/03/2025	08:30	218.92	9.15	209.77
C914001SPR	Joe Joe Group	3/03/2025	13:50	227.25	9.06	218.19
C14020SP	Moolayember	6/03/2025	09:00	297.37	44.93	252.44
C18003SP	Moolayember	4/03/2025	10:35	249.08	12.59	236.49

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VWPs

VWP ID	Wire number	Formation	Sample date	Ground surface level	Depth below ground	Mar-2025	
						Equivalent metres of head	Relative water level
				mAHD	m	m bRL	mAHD
m AHD = metres Australia Height Datum.							
C056VWP	VWP3	Rewan	7/03/2025	283.86	240	195.28	239.14
	VWP2	AB Seam			312	252.48	224.34
	VWP1	CD Sandstone			408	289.72	165.58
C555VWP	VWP2	Rewan	6/03/2025	241.15	260.5	212.51	193.16
	VWP1	AB Seam			346	332.90	228.05
C558VWP^	VWP3	AB Seam	No access	250.05	73		
	VWP2	C Seam Interburden			120		
	VWP1	D Seam			178		
C842VWP	VWP3	Rewan	7/03/2025	238.89	130	105.52	214.41
	VWP2	AB Seam			177.5	157.54	218.93
	VWP1	C Seam Interburden			235	215.70	219.59
C851VWP	VWP3	Rewan	5/03/2025	244.67	103.7	87.71	228.68
	VWP2	AB Seam			145.7	124.12	223.09
	VWP1	CD Sandstone			209.7	190.11	225.08
C966VWP	VWP4	Rewan	7/03/2025	288.7	258	222.81	253.51
	VWP3	Rewan			302.5	227.21	213.41
	VWP2	AB Seam			348.5	190.45	130.65
	VWP1	AB Seam Interburden			355	183.09	116.79
C968VWP	VWP5	AB Seam	7/03/2025	279.18	244	158.72	193.90
	VWP4	AB Interburden			258	178.59	199.77
	VWP3	C Seam			302.5	252.91	177.09
	VWP2	D Seam			348.5	332.62	263.30
	VWP1	D Seam Interburden			355	358.6	282.77
C9553VWP	VWP3	Rewan	6/03/2025	294.56	265.43	202.62	231.75
	VWP2	AB Seam			348.43	314.07	260.20
	VWP1	D Seam			467.43	403.35	230.48
C9556VWP	VWP3	Rewan	5/03/2025	260.4	216	173.73	218.13
	VWP1	D Seam			410	396.60	247.00
C9836VWP	VWP3	Rewan	7/03/2025	236.8	130	112.21	219.01
	VWP1	CD Sandstone			296	276.37	217.17
C14200VWP^	VWP3	Rewan	No access	247.08	101		
	VWP2	Rewan			199		
	VWP1	AB Seam			224		
C14203VWP	VWP2	Rewan	7/03/2025	230.55	77	114.09	267.64
	VWP1	CD Sandstone			247	239.45	223.00
C14206VWP	VWP2	Rewan	5/03/2025	277.15	355	310.96	233.11
	VWP1	AB Seam			464	431.09	244.24
C14207VWP	VWP2	Rewan	6/03/2025	305.17	400	Under maintenance	
	VWP1	AB Seam			504	412.15	213.32
C19842CVWP	VWP1	Rewan	4/03/2025	239.771	313.5	303.34	229.61
C19031SPVWP*	VWP1	Colinlea Sandstone	Unit under maintenance	238.919	601.4		

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