

# Adani Carmichael Coal Mine

## Groundwater Level Data (As observed during bore servicing)

(Note: m BGL= meters below ground level , m AHD= m Australian height datum, GWL=groundwater level, kPa=Kilo Pascal)

Sub-Artesian Bores				
Bore Name	Date of servicing	Depth to Water m (BGL)	Surface RL in mAHD	Groundwater level in m AHD
<b>Alluvium</b>				
HD03B	27/10/2019	4.05	229.41	225.36
C029P1	4/09/2019	10.90	225.44	214.54
C025P1	3/09/2019	10.92	227.54	216.62
C14028SP	6/09/2019	13.04	218.86	205.82
C14027SP	17/08/2019	13.76	217.56	203.80
C027P1	4/09/2019	4.98	226.95	221.97
<b>Tertiary Sediments</b>				
C029P2	4/09/2019	5.22	225.37	220.15
C025P2	3/09/2019	10.00	227.48	217.48
C558P1	21/08/2019	33.94	250.07	216.13
C9845SPR	5/10/2019	20.50	255.41	234.91
<b>Clematis Sandstone</b>				
C180118SP		Blocked bore		
C14033SP	7/09/2019	45.77	296.47	250.70
C14011SP	9/10/2019	68.61	311.67	243.06
C14012SP	8/10/2019	43.50	286.37	242.87
C14013SP	8/10/2019	43.78	286.46	242.68
HD02	8/10/2019	2.03	236.35	234.32
C18002SP	18/11/2019	4.57	248.30	243.73
C14021SP	5/09/2019	31.75	277.59	245.84
<b>Dunda Beds</b>				
C027P2	4/09/2019	0.74	227.58	226.84
C022P1	20/08/2019	27.09	273.76	246.67
C14023SP	18/09/2019	30.60	277.68	247.08
C180117SP	17/11/2019	29.02	279.59	250.57
<b>Rewan Formation</b>				
C556P1	24/10/2019	26.23	260.63	234.40
C555P1	9/09/2019	11.88	241.15	229.27
C180116SP	7/10/2019	21.70	260.82	239.12
C9838SPR	10/09/2019	0.30	228.81	228.51
C9553P1R	3/10/2019	41.65	294.11	252.46
C035P1	5/10/2019	4.84	236.31	231.47
C008P1	20/09/2019	26.06	238.14	212.08
<b>Bandanna Formation</b>				
C007P2	17/09/2019	40.62	237.96	197.34
C016P2	8/09/2019	45.97	294.45	248.48
C032P2	5/10/2019	23.60	256.32	232.72
C008P2	3/09/2019	26.28	238.12	211.84
C014P2	20/08/2019	46.40	256.27	209.87
C020P2	18/08/2019	42.18	263.31	221.13
C035P2	5/10/2019	3.94	236.24	232.30
<b>Colinlea Sandstone</b>				
C848SP	6/10/2019	5.49	237.03	231.54
C024P3	21/08/2019	29.75	258.62	228.87
C018P3	18/08/2019	38.85	281.36	242.51
C975SP	21/09/2019	25.72	266.81	241.09
C011P3	19/08/2019	27.17	254.54	227.37
C006P3R	19/08/2019	21.84	233.86	212.02
C007P3	17/09/2019	37.86	237.99	200.13
C180114SP	6/09/2019	3.60	224.92	221.32
<b>Joe-Joe Group</b>				
C14003SP	19/09/2019	8.57	217.97	209.40
C914001SPR	10/09/2019	8.14	226.15	218.01
C14004SP	19/09/2019	8.36	217.97	209.61
C012P1	21/09/2019	26.09	247.33	221.24
C012P2	20/08/2019	26.04	247.25	221.21
C14002SP	21/08/2019	7.45	226.23	218.78
<b>Moolayember Formation</b>				
C14020SP	3/10/2019	43.82	296.55	252.73
C18003SP	9/10/2019	11.77	248.22	236.45

<b>Composite Bores</b>				
C14024SP	19/09/2019	69.73	332.58	262.85
<b>Additional bores from Baseline</b>				
<b>Other Bandanna</b>				
C006P1	19/08/2019	22.08	233.52	211.44
C011P1	19/08/2019	24.10	254.63	230.53
C018P1	18/08/2019	36.23	281.34	245.11
C018P2	18/08/2019	38.80	281.32	242.52
C823SP	8/09/2019	35.71	246.07	210.36
C844SP	7/10/2019	4.81	235.56	230.75
C9839SPR	9/09/2019	1.75	228.81	227.06
C847SP	6/10/2019	4.97	237.01	232.04
<b>Other Colinlea sandstone</b>				
C180112SP	21/08/2019	7.47	226.10	218.63
C827SP	21/08/2019	27.54	231.59	204.05
C840SP	17/08/2019	1.69	229.07	227.38
C9849SPR	7/10/2019	5.43	236.69	231.26
<b>New Bores</b>				
C18004SP	20/09/2019	21.59	228.79	207.20
C18005SP	11/09/2019	10.33	221.01	210.68
C18006SP	11/09/2019	12.69	221.49	208.80
C18007SP	21/08/2019	Dry	231.53	Bore Dry
C18008SP	21/08/2019	Dry	235.89	Bore Dry
C18009SP	19/09/2019	16.64	226.00	209.36
C18011SP(Spear p	28/10/2019	0.32	240.11	239.79
C18012SP(Spear p	28/10/2019	0.00	239.03	239.03
C18013SP(Spear p	28/10/2019	0.00	238.66	238.66
<b>ARTESIAN BORES (9.8 kPa= 1m HEAD)</b>				
Bore Name	Date of servicing	Digital Pressure Gauge kPa	Ref Pt Elevation in m AHD	Groundwater level in m AHD
<b>Tertiary Sediments</b>				
C9180121SPR	24/09/2019	132.60	227.72	241.25
<b>Colinlea Sandstone</b>				
C833SP	16/08/2019	8.57	224.74	225.61
C034P3	14/11/2019	19.80	228.29	230.31
<b>Clematis Sandstone</b>				
HD03A	26/10/2019	12.76	230.31	231.61
C18001SP	18/11/2019	33.48	248.33	251.75
<b>Joe-Joe Group</b>				
C14006SP	28/10/2019	37.20	219.68	223.48
C14008SP	26/10/2019	46.50	220.74	225.48
C14015SP	25/09/2019	73.10	229.32	236.78
C14016SP	26/10/2019	89.10	222.80	231.89
C14017SP	28/09/2019	151.80	230.38	245.87
C14032SP	27/09/2019	138.50	222.34	236.47
C180119SP	11/01/2020	109.90	224.35	235.56
C180123SP	24/09/2019	151.80	227.80	243.29
C914030SPR	11/12/2019	97.92	218.17	228.16
C914108PT	27/09/2019	139.30	222.03	236.24
C9180124SPR	25/09/2019	104.20	224.49	235.12
C9180125SPR	11/01/2020	133.95	223.81	237.48
<b>Composite Bores</b>				
C14005SP	17/08/2019	29.60	219.62	222.58
C14029SP	10/12/2019	93.34	218.07	227.59
C180120SP	11/01/2020	116.13	223.62	235.47
C180122SP	25/09/2019	85.50	224.24	232.96
C14031SP	27/09/2019	125.50	222.04	234.85
<b>Additional bores from Baseline</b>				
<b>Other Bandanna</b>				
C034P1	14/11/2019	19.37	228.28	230.26
C832SP	16/08/2019	17.94	224.94	226.77
<b>Other Colinlea sandstone</b>				
C834SP	16/08/2019	1.82	224.66	224.85