Erratum: Analysis of environmental isotopes in groundwater to understand the response of a vulnerable coastal aquifer to pumping: Western Port Basin, south-eastern Australia

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A monitoring well, bore ID 71856, is indicated as being screened in the Sherwood formation in Tables 1 and 2; in fact it is screened within the Older Volcanics unit. This error was noticed after the proofs were approved for publication.

The corrected Tables 1 and 2 are reproduced below.

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Table 1 Groundwater hydrochemical analyses and site location data

Bore ID	Date Sampled	^a Easting	Northing	Unit	Screen (m) From To	EC (μ S/cm)	pH	Dissolved Oxygen (mg/L)	Na ^b (mmol/L)	Mg	K	Ca	Cl	Br	NO ₃	SO ₄	HCO ₃	$\delta^2\text{H}$	$\delta^{18}\text{O}$
71219	9.9.11	358886	5768832	Baxter	-21	12,200	6.42	0.34	93.18	16.85	1.78	8.68	96.9	0.14	0.06	5.55	8.40	-30.3	-4.4
71219	16.1.12	358886	5768832	Baxter	-21	13,350	6.74	0.5	120.00	16.47	2.60	7.50	109	0.16	0.20	6.61	8.18	-29.7	-4.5
71216	10.9.11	357999	5768906	Baxter	-27	8,220	7.15	nd	45.52	8.11	0.39	7.36	62.2	0.10	0.06	0.88	4.96	-29.6	-4.4
91076	26.1.12	351069	5773317	Baxter	-12	11,230	6.42	0.95	95.65	24.34	1.14	4.08	100	0.12	0.05	2.04	3.72	-29.9	-4.6
91079	11.11.11	357573	5769467	Baxter	-30	8,750	6.2	0.25	50.98	10.00	0.26	6.75	69.5	0.09	0.05	1.20	3.78	-30.3	-4.5
91079	17.1.12	357573	5769467	Baxter	-30	8,560	6.34	1	69.48	11.42	0.82	6.76	68.8	0.10	0.01	1.17	3.80	-29.0	-4.9
74311	10.9.11	370320	5757943	Baxter	-18	25	1000	5.9	5.30	0.84	0.09	0.30	6.82	0.01	0.01	0.04	0.68	-32.1	-5.0
74311	26.02.12	370320	5757943	Baxter	-18	25	990	5.85	6.66	1.03	0.31	0.53	6.95	0.01	0.02	0.04	1.14	-31.2	-5.3
71210	9.9.11	358894	5768835	Sherwood	-51	62	5,100	7.1	35.97	6.62	0.78	3.69	38.0	0.06	0.02	2.05	4.70	-33.2	-5.2
71210	16.1.12	358894	5768835	Sherwood	-51	62	3,440	7.93	29.52	4.86	0.90	2.90	25.5	0.04	0.05	0.43	5.28	-32.3	-5.5
91029	10.9.11	355372	5772091	Sherwood	-36	59	1900	8.4	9.67	1.55	0.12	2.26	12.1	0.01	0.01	0.00	2.28	-34.3	-5.1
91029	19.1.12	355372	5772091	Sherwood	-36	59	2115	7.81	11.86	1.79	0.11	3.95	13.9	0.02	0.02	0.21	4.72	-33.1	-5.4
91078	17.1.12	357574	5769462	Sherwood	-72	92	5,600	8.27	44.30	7.50	0.57	2.15	45.8	0.06	0.02	0.03	0.48	-31.7	-5.4
71190	9.9.11	369855	5774539	Sherwood	-41	49	2,540	6.79	14.13	4.11	0.21	1.40	19.5	0.02	0.00	0.02	2.80	-29.4	-4.5
71190	16.1.12	369855	5774539	Sherwood	-41	49	2,960	7.22	15.77	3.66	0.16	1.15	21.0	0.02	0.01	0.01	3.80	-29.9	-4.8
S9020317-1	26.01.12	377956	5777206	Yallock	-51	81	2790	6.14	18.04	3.80	0.25	1.57	20.9	0.03	0.01	0.20	2.94	-33.5	-5.5
71850	19.1.12	391459	5781379	Yallock	-44	52	4030	6.48	30.39	5.21	0.60	0.70	30.4	0.04	0.01	0.13	2.74	-32.0	-5.4
145259	10.9.11	379226	5761228	Yallock	-37	40	455	6.45	1.75	0.28	0.04	0.93	1.82	0.00	0.00	0.13	1.68	-32.9	-5.1
74609	11.11.11	382543	5764751	Yallock	-20	35	400	6.3	1.92	0.22	0.03	0.02	2.00	0.00	0.00	0.00	1.36	-33.6	-5.2
74609	19.1.12	382543	5764751	Yallock	-20	35	395	6.49	1.97	0.24	0.01	0.00	2.06	0.00	0.00	0.01	1.42	-33.6	-5.7
71856	19.1.12	388764	5777656	Older Volcanics	-75	88	4070	8.75	30.80	6.14	0.47	1.42	31.6	0.04	0.01	0.45	4.40	-32.9	-5.5
WRK057103	16.1.12	361879	5773524	Older Volcanics	-70	73	2,130	7.61	13.20	2.52	1.18	2.62	12.5	0.02	0.03	0.00	6.94	-33.3	-5.7
71187	16.1.12	369850	5774542	Older Volcanics	-68	73	2,320	7.68	15.63	2.91	0.28	2.23	15.3	0.02	0.01	0.03	6.08	-34.1	-5.5
84032	17.1.12	371770	5780933	Older Volcanics	-48	60	8460	6.8	81.70	11.13	0.44	2.06	67.7	0.09	0.01	0.23	3.98	-33.5	-5.0
107475	26.01.12	386150	5766374	Older Volcanics	-19	21	2280	6.57	12.93	3.50	0.11	1.78	18.3	0.02	0.00	0.27	3.48	-30.3	-5.2

^aMap Grid of Australia (GDA 1994) Zone 55, nd = not detected^bAll ion concentrations are in units of mmol/L

Table 2 Radioisotope data from groundwater

Sample code ^a	Bore ID ^b	Distance from coast (km)	Geological Unit	Depth (screen midpoint)	Tritium (TU) ^c	¹⁴ C (pMC)	$\delta^{13}\text{C}$ (‰)	Age (Uncorrected)	Calcite saturation index
OZO861	71219	0.5	Baxter	-30	0.03	23.91	-18.4	11490	-0.14
OZO856	91076	4.5	Baxter	-15	0.23	73.17	-16.3	2510	-1.04
OZO865	91029	2.9	Sherwood	-47.5	0.02	0.91	-12.4	37790	0.75
OZO862	71210	0.5	Sherwood	-56.5	0.01	3.09	-17.2	27930	-0.65
OZO859	71190	7.8	Sherwood	-45	0.02	21.09	-10.6	12500	-0.46
OZO864	91078	0.5	Sherwood	-77	0.02	24.95	18.2	11,150	-0.19
OZO866	S9020317-1	14.2	Yallock	-66	0.08	6.59	-18.2	21850	-1.55
OZO869	71850	23.7	Yallock	-48	0.01	21.77	-19	12250	-1.64
OZO858	74311	0.05	Yallock	-21	0.04	48.53	-17.8	5810	-2.58
OZO868	74609	14.1	Yallock	-27.5	0.1	61.15	-15.5	3950	-3.02
OZO867	71856	23.5	Older Volcanics	-81.5	0.01	4.99	-21.9	24080	1.03
OZO870	WRK057103	5.2	Older Volcanics	-71.5	0.05	1.39	-17.2	34350	0.54
OZO863	71187	7.8	Older Volcanics	-70.5	0.01	0.99	-21.3	37040	0.46
OZO860	84032	14.5	Older Volcanics	-54	0.01	6.27	-16.3	22250	-0.81
OZO857	107475	16.5	Older Volcanics	-20	0.09	78.77	-19.6	1915	-0.96

^a ANSTO code^b Identifier code for Victorian State Observation Bore Network^c Minimum quantification limit = 0.15 TU