

**Supplementary Table 1.** Parameters of drinking water sample collected from each case area and control area

Place	Area with maximum stone prevalence (case area)							Control area						
	pH	Conductivity ( $\mu\text{S}/\text{cm}$ )	TDS (ppm)	Alkalinity (mg/L)	Hardness (mg $\text{CaCO}_3/\text{L}$ )	Salinity (ppm)	Place	pH	Conductivity ( $\mu\text{S}/\text{cm}$ )	TDS (ppm)	Alkalinity (mg/L)	Hardness (mg $\text{CaCO}_3/\text{L}$ )	Salinity (ppm)	
<b>Jalpaiguri &amp; Alipurduar</b>														
Bhaktinagar (26.68° N, 88.42° E) (Altitude 112 m)	7.64	341	241	55	110	163	Nagrakata (26.73° N, 88.43° E) (Altitude 132 m)	7.6	395	324	80	140	185	
<b>Malda</b>														
Kaliachak (24.86° N, 87.98° E) (Altitude 27 m)	7.6	920	540	170	190	212	Begamganj (25.13° N, 87.92° E) (Altitude 32 m)	7.9	705	486	165	170	275	
Ratua (25.20° N, 87.93° E) (Altitude 33 m)	7.9	756	485	155	185	295	Gajol (25.21° N, 88.19° E) (Altitude 44 m)	8.1	875	520	165	195	240	
<b>Bardwaman</b>														
Memari (23.18° N, 88.11° E) (Altitude 25 m)	7.62	490	348	80	140	220	Durgapur (23.52° N, 87.31° E) (Altitude 108 m)	7.2	345	245	135	230	165	
Purbasthali (23.46° N, 88.33° E) (Altitude 18 m)	7.96	610	406	125	110	234								
Kalna (23.23° N, 88.36° E) (Altitude 16 m)	7.51	525	392	95	135	190								
<b>Birbhum</b>														
Murarai (24.44° N, 87.85° E) (Altitude 35 m)	7.15	536	624	110	220	241	Rampurhat (24.18° N, 87.78° E) (Altitude 39 m)	7.32	730	518	95	195	356	
Suri (23.92° N, 87.55° E) (Altitude 67 m)	7.52	710	576	150	165	210								
<b>Bankura</b>														
Barjora (23.43° N, 87.28° E) (Altitude 84 m)	7.62	556	620	150	210	276	Ratanpur (23.11° N, 87.07° E) (Altitude 114 m)	7.82	210	362	65	190	165	
<b>Purulia</b>														
Hura (23.30° N, 86.82° E) (Altitude 150 m)	7.46	585	544	145	190	320	Nowahati 23.44° N, 86.59° E (Altitude 209 m)	8.02	225	375	45	140	110	

Supplementary Table 1. Continued

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Hooghly												
Khanakul (22.71° N, 87.85° E) (Altitude 13 m)	7.46	545	555	135	140	275	7.6	686	487	105	125	235
Serampur (22.75° N, 88.34° E) (Altitude 10 m)	7.65	620	495	130	165	245	7.56	520	414	130	190	214
Chinsurah (22.89° N, 88.41° E) (Altitude 17 m)	7.82	668	520	170	180	302	7.4	756	524	100	180	276
Purba Medinipur												
Egra (21.70° N, 87.56° E) (Altitude 6 m)	7.75	635	482	140	155	345	7.89	782	512	125	165	210
Paschim Medinipur												
Keshpur (22.55° N, 87.45° E) (Altitude 25 m)	7.88	625	512	130	165	296	7.82	456	375	130	150	205
Kharagpur (22.32° N, 87.31° E) (Altitude 54 m)	7.03	670	476	120	140	318	7.96	170	210	60	85	135
Nadia												
Chakdaha (23.07° N, 88.52° E) (Altitude 15 m)	7.56	542	545	145	175	320	7.68	715	456	115	160	465
Murshidabad												
Raghunathgunge (24.46° N, 88.06° E) (Altitude 28 m)	7.68	688	445	135	150	605	7.94	865	620	210	290	320
Berhampur (24.10° N, 88.27° E) (Altitude 22 m)	7.52	660	463	300	350	317	7.69	445	302	105	130	220
Domkal (24.12° N, 88.66° E) (Altitude 22 m)	7.8	545	510	105	210	235						

Supplementary Table 1. Continued

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Howrah												
Sankrail (22.56° N, 88.23° E (Altitude 8 m))	7.86	675	510	110	155	375	8.4	815	581	80	190	402
Domjur (22.63° N, 88.22° E (Altitude 10 m))	7.54	630	456	95	150	310						
North 24 Parganas												
Ashoknagar (22.83° N, 88.63° E (Altitude 17 m))	7.9	631	448	155	200	308	7.6	692	432	135	240	290
Basirhat (22.66° N, 88.87° E (Altitude 13 m))	8.0	985	520	140	210	420	7.64	735	602	140	175	315
Habra (22.85° N, 88.66° E (Altitude 13 m))	7.5	776	495	125	335	380	7.8	758	557	135	210	375
Barasat (22.72° N, 88.48° E (Altitude 15 m))	7.42	774	549	155	200	378	7.7	1,045	740	120	180	515
South 24 Parganas												
Maheshtala (22.51° N, 88.25° E (Altitude 8 m))	7.82	284	201	50	80	138	8.04	975	620	140	185	265
Sonarpur (22.45° N, 88.39° E (Altitude 8 m))	7.94	866	612	80	180	422						
Budgebudge (22.46° N, 88.17° E (Altitude 7 m))	7.58	810	970	140	225	190	8.22	652	572	165	190	280
Canning (22.31° N, 88.66° E (Altitude 7 m))	8.12	1,096	773	145	500	555	8.4	315	223	55	120	152
Baruipur (22.40° N, 88.43° E (Altitude 10 m))	7.62	1,310	928	170	245	654						

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Kolkata														
Bhawanipur (22.54° N, 88.35° E) (Altitude 11 m)	8.2	825	440	100	140	252	Maniktala (22.59° N, 88.38° E) (Altitude 8 m)	8.3	345	245	190	245	166	
Khidderpore (22.54° N, 88.32° E) (Altitude 9 m)	7.96	720	410	120	135	208	Baghbazar (22.60° N, 88.36° E) (Altitude 12 m)	7.64	785	544	205	250	368	
Alipur (22.52° N, 88.33° E) (Altitude 15 m)	8.1	765	386	110	150	195	Jadavpur (22.49° N, 88.37° E) (Altitude 11 m)	8.04	443	314	140	160	211	
Kalighat (22.52° N, 88.34° E) (Altitude 9 m)	8.16	810	452	110	140	265	Garia (22.46° N, 88.40° E) (Altitude 6 m)	8.8	345	245	105	125	166	

TDS, total dissolved solutes.