SM: Table S1. Detailed geochemical analysis of groundwater samples (n=60)

Sample	Latitude	Longitude	pH	TDS	EC	CO_3^{2-}	HCO_3^-	F^-	Cl^-	SO_4^{2-}	NO_3^-	Na^+	K^+	Mg^{2+}	Ca^{2+}	TH
1	25.258	79.8534	7.85	659	1021	9.00	190.00	2.06	169.44	65.12	33.80	88.77	2.63	32.89	79.59	334
2	25.234	79.8317	8.02	625	958	8.00	208.00	2.06	123.59	63.42	42.19	79.58	1.54	29.73	77.39	316
3	25.182	79.7861	7.20	678	1045	10.00	220.00	1.37	132.73	78.07	45.22	83.14	0.91	25.67	89.94	330
4	25.146	79.7381	7.64	716	1102	9.00	285.00	1.00	117.95	75.36	38.13	81.52	1.51	30.26	83.89	334
5	25.148	79.6732	7.34	689	1048	15.00	260.00	1.17	112.77	65.56	43.80	80.27	1.89	29.61	81.59	326
6	25.146	79.6666	7.42	709	1037	11.00	235.00	0.55	138.09	61.36	37.14	84.70	2.77	28.63	88.05	338
7	25.168	79.6282	7.93	697	1058	8.00	245.00	1.40	129.61	56.26	48.59	97.77	0.62	28.81	76.06	309
8	25.254	79.563	6.74	701	1068	9.00	270.00	0.89	120.77	65.80	39.73	91.83	0.69	34.40	78.55	338
9	25.241	79.5514	8.10	658	1003	10.00	272.00	0.92	105.61	62.66	30.57	78.07	0.64	31.53	74.15	315
10	25.152	79.4766	7.56	624	958	12.00	280.00	1.13	87.25	61.04	49.14	76.16	0.61	27.08	62.62	268
11	25.205	79.4899	8.21	658	997	15.00	290.00	2.44	103.44	64.61	33.80	84.99	1.64	32.36	60.11	283
12	25.28	79.4653	7.25	665	996	10.00	270.00	1.12	83.67	63.34	34.74	77.93	1.16	29.84	78.59	319
13	25.309	79.4426	7.48	750	1107	10.00	290.00	1.05	104.33	131.03	33.92	85.97	1.35	31.44	85.41	343
14	25.438	79.4775	7.05	802	1247	12.00	380.00	0.85	95.46	73.56	36.53	87.65	2.17	33.79	82.38	345
15	25.363	79.4332	7.16	693	1058	35.00	240.00	1.21	91.01	74.88	37.86	81.58	1.20	27.34	76.26	303
16	25.329	79.3763	7.52	618	968	10.00	310.00	1.31	96.15	62.11	31.50	94.28	1.33	25.99	59.77	256
17	25.386	79.448	7.49	708	997	24.00	180.00	1.13	94.66	63.27	33.53	86.06	1.56	35.61	75.75	336
18	25.449	79.4839	7.73	587	835	12.00	185.00	0.88	97.66	79.90	32.30	80.51	1.80	26.97	56.33	252
19	25.476	79.5	7.73	618	968	18.00	108.00	0.98	91.60	76.35	35.64	89.17	1.59	25.86	63.56	265
20	25.313	79.8492	7.01	559	871	12.00	110.00	1.33	172.42	68.59	33.43	95.16	1.05	5.29	81.01	224
21	25.292	79.8619	7.11	449	679	21.00	115.00	1.34	54.92	57.92	34.54	59.19	0.69	14.67	51.21	188
22	25.344	79.7977	7.84	427	684	10.00	210.00	2.97	19.71	67.80	34.44	52.16	0.48	11.15	51.94	176
23	25.364	79.7813	7.76	568	809	10.00	220.00	1.99	78.30	58.38	37.97	71.79	0.82	16.86	68.59	241
24	25.399	79.7428	8.08	529	827	20.00	194.00	2.08	87.79	56.79	45.68	72.58	0.98	17.90	57.69	218
25	25.436	79.7031	7.89	576	879	21.00	110.00	2.08	70.79	67.90	36.79	77.68	0.97	19.79	56.79	223
26	25.464	79.7787	8.77	428	647	22.00	141.00	1.37	91.30	58.63	38.79	52.55	1.19	17.33	55.11	209

27	25.487	79.7889	8.41	603	917	20.00	182.00	1.50	126.45	57.74	50.53	51.56	2.07	22.23	81.37	295
28	25.456	79.8853	7.78	505	762	16.00	150.00	1.40	84.26	52.06	37.30	52.70	1.00	21.83	65.41	253
29	25.446		8.25	504	781	30.00	143.00	1.33	77.31	75.08	37.89	56.87	1.36	16.19	65.66	231
30	25.514	79.9495	8.89	478	748	41.00	215.00	1.29	96.79	46.79	36.79	58.30	1.63	26.90	46.96	228
31	25.381	79.9966	8.89	496	768	10.00	189.00	1.35	69.55	10.00	21.13	43.67	1.23	17.62	51.83	202
32	25.3	79.9156	8.16	458	726	8.00	163.00	0.69	78.65	30.35	20.09	61.21	2.01	13.08	50.05	179
33	25.302	79.7723	8.10	415	628	30.00	230.00	0.49	58.65	30.35	20.08	59.21	1.01	12.08	41.05	152
34	25.314	79.7121	7.69	587	897	15.00	146.00	2.52	80.02	51.09	51.87	37.48	1.52	31.93	85.16	344
35	25.319	79.6447	6.96	746	1107	10.00	121.00	1.78	210.95	59.29	104.07	63.67	2.03	40.21	82.01	370
36	25.277	79.5848	6.76	668	986	12.00	280.00	0.94	215.02	55.34	104.53	62.24	1.43	28.31	85.91	331
37	25.275	79.5266	7.62	647	981	10.00	170.00	1.06	84.44	63.34	41.15	75.01	1.72	28.64	74.59	304
38	25.38	79.5281	8.06	548	806	22.00	180.00	1.20	97.00	64.86	49.09	60.02	1.31	31.37	58.56	275
39	25.359	79.5706	8.00	507	782	15.00	200.00	1.71	59.09	47.87	59.80	54.84	0.73	23.79	59.33	246
40	25.388	79.8931	7.37	529	817	20.00	210.00	1.38	48.95	58.63	69.91	56.78	1.42	22.39	62.30	248
41	25.411	79.887	6.96	527	791	20.00	220.00	2.28	24.66	67.90	77.29	54.34	1.22	19.22	64.48	240
42	25.364	79.853	7.36	553	868	8.00	215.00	2.09	45.07	76.10	55.10	65.10	0.90	16.86	72.62	251
43	25.364	79.6617	7.68	607	937	9.00	216.00	2.02	105.10	48.95	55.07	82.06	0.33	9.93	84.25	251
44	25.363	79.6415	7.56	669	982	5.00	210.00	1.73	105.07	48.85	105.10	94.86	0.93	21.26	74.33	273
45	25.391	79.6435	8.12	627	961	9.00	240.00	1.43	95.01	45.65	55.07	96.30	0.13	15.28	69.73	237
46	25.453	79.6724	8.06	689	997	6.00	265.00	1.32	89.10	48.07	118.09	96.33	1.29	24.10	72.85	281
47	25.451	79.6219	8.03	732	1108	20.00	235.00	1.26	85.07	48.10	105.09	89.34	1.01	32.32	74.33	319
48	25.454	79.5187	7.67	645	981	16.00	195.00	1.68	84.03	45.30	96.09	89.10	1.33	24.26	62.96	257
49	25.207	79.6635	7.45	583	879	15.00	265.00	1.40	98.79	48.27	85.10	76.02	1.43	28.24	56.12	256
50	25.2	79.686	6.88	527	791	26.00	245.00	1.38	85.99	45.63	66.09	56.13	1.95	26.33	55.12	246
51	25.189	79.7343	6.98	529	809	20.00	125.00	1.25	65.93	56.10	62.10	56.26	1.24	24.26	59.19	248
52	25.199	79.8128	7.56	508	768	8.00	165.00	1.18	78.26	51.09	105.10	53.09	1.05	22.35	57.13	235
53	25.305	79.7561	7.23	663	992	20.00	280.00	1.26	85.10	58.09	56.30	64.02	1.06	38.33	76.18	348

54	25.226	79.7523	7.98	587	892	15.00	265.00	1.03	98.95	76.99	105.03	55.10	1.29	36.39	71.20	328
55	25.247	79.7569	7.56	563	869	17.00	137.00	0.94	102.86	46.09	78.05	58.29	1.85	32.29	64.85	295
56	25.249	79.7211	8.06	548	839	10.00	275.00	0.83	94.09	66.30	98.30	56.27	1.01	34.30	59.99	291
57	25.54	79.7548	8.13	638	981	15.00	129.00	1.29	78.04	58.93	45.03	75.26	0.90	34.28	58.25	287
58	25.54	79.8872	7.56	497	764	19.00	145.00	1.02	78.26	56.03	71.03	46.28	0.50	28.30	61.25	269
59	25.54	79.9375	7.89	527	809	13.00	175.00	0.94	85.23	59.08	105.10	45.30	0.04	28.28	67.35	285
60	25.54	79.9651	7.98	557	849	11.00	107.00	1.03	68.93	49.93	106.10	42.30	0.33	34.29	68.49	312