Table 2. *Index values for all samples evaluated for groundwater potential in the study area.*

Sample no.	Borehole	Sandstone thickness (m)	Sandstone lithology coefficient.	Flushing fluid consumption ($m^3\ h^{-1}$)	Fault fractal dimension	Fold fractal dimension
1	405	122.120	0.924	1.607	0.170	0.850
2	407	77.390	0.913	5.614	0.950	0.150
3	601	126.490	0.924	1.298	0.970	0.000
4	603	63.380	0.791	5.442	0.350	0.710
5	605	116.220	0.918	5.633	0.025	0.450
6	606	90.150	0.931	1.012	0.750	0.750
7	802	50.000	0.606	0.512	0.750	0.030
8	803	71.400	0.831	2.265	0.000	0.550
9	804	96.560	0.885	0.133	0.000	0.770
10	805	73.660	0.912	0.304	0.000	0.500
11	806	93.770	0.955	0.100	0.100	0.820
12	807	46.640	0.775	1.000	0.990	0.320
13	902	76.460	0.936	1.089	0.350	0.210
14	903	61.500	0.643	1.288	0.040	0.680
15	904	91.410	0.950	0.316	0.000	0.850
16	905	98.550	0.964	3.476	0.000	0.300
17	1002	104.180	0.831	1.401	0.550	0.420
18	1003	124.240	0.934	1.619	0.125	0.870
19	1004	100.940	0.989	4.221	0.000	0.770
20	1005	81.850	0.932	2.219	0.000	0.260
21	1006	102.050	0.904	1.612	0.375	0.530
22	1102	122.940	0.933	0.500	0.575	0.400
23	1103	116.750	0.888	0.304	0.125	0.880
24	1104	97.750	0.977	0.244	0.000	0.980
25	1105	91.500	0.922	0.193	0.160	0.400
26	1202	152.090	0.920	4.722	0.750	0.100
27	1203	72.500	0.861	0.800	0.590	0.880
28	1204	69.260	0.802	1.592	0.460	1.090
29	1205	94.300	0.855	1.782	0.300	0.500
30	1206	107.680	0.871	1.008	0.625	0.350
31	1302	94.530	0.885	2.046	1.010	0.350
32	1303	97.140	0.891	2.128	1.070	1.050
33	1304	135.330	0.970	0.523	0.900	1.150
34	1305	96.070	0.861	0.190	0.675	0.650
35	1401	139.660	0.845	0.539	1.040	0.070
36	1402	139.940	0.990	0.294	1.010	0.450
37	1403	161.360	0.976	0.772	1.090	0.950

38	1404	125.590	0.961	0.774	1.120	1.070
39	1405	106.030	0.909	0.712	1.070	0.800
40	1406	93.460	0.891	0.627	0.925	0.100
41	1407	139.780	0.964	0.550	0.200	0.700
42	1502	99.040	0.922	0.353	0.600	0.350
43	1503	133.840	0.977	1.298	0.990	0.800
44	1504	114.470	0.935	0.082	1.170	0.900
45	1505	137.510	0.935	0.654	1.150	0.500
46	1601	152.040	0.919	1.286	0.500	0.300
47	1602	96.560	0.970	0.414	0.460	0.430
48	1603	103.100	0.975	0.416	1.100	0.820
49	1604	112.630	0.987	0.273	1.110	0.750
50	1605	100.230	0.862	0.029	1.100	0.250
51	1606	219.560	0.986	0.300	1.240	0.000
52	1702	81.830	0.760	0.119	0.560	0.870
53	1703	98.630	0.946	0.567	0.875	0.990
54	1704	137.980	0.917	2.966	0.800	1.000
55	1705	18.700	0.501	1.262	0.900	0.650
56	1801	147.330	0.797	5.652	0.500	0.550
57	1802	104.700	0.946	0.131	0.020	0.950
58	1803	82.260	0.746	2.337	0.150	0.960
59	1804	109.520	0.802	0.159	0.400	1.000
60	1805	153.860	0.923	0.164	0.825	0.980
61	1806	31.200	0.683	0.890	0.925	0.270
62	1902	109.450	0.917	2.270	0.000	0.550
63	1903	117.090	0.913	0.190	0.000	0.810
64	1904	141.940	0.932	0.564	0.450	0.920
65	1905	133.740	0.931	4.048	1.050	0.980
66	2002	122.620	0.913	0.500	0.025	0.480
67	2003	127.920	0.918	0.237	0.220	0.940
68	2004	128.480	0.934	0.666	0.880	0.990
69	2005	125.330	0.960	0.733	1.330	0.910
70	2006	134.850	0.990	5.409	1.020	0.000
71	2007	231.100	0.999	0.349	0.970	0.000
72	2102	127.120	0.941	3.009	0.000	0.300
73	2103	67.800	0.888	3.377	0.360	0.850
74	2104	137.400	0.942	0.300	1.230	1.060
75	2105	109.250	0.928	0.705	1.270	0.970
76	2201	228.250	0.963	0.156	0.425	0.170
77	2202	114.050	0.894	0.500	0.070	0.350

78	2203	145.660	0.931	1.202	0.200	0.950
79	2204	170.740	0.981	3.432	0.925	1.220
80	2205	118.640	0.988	1.412	1.150	1.280
81	2206	80.100	0.832	0.556	0.325	0.500
82	2302	146.000	0.950	1.028	0.200	0.700
83	2303	73.210	0.871	1.464	0.050	1.180
84	2304	110.150	0.937	0.448	0.770	1.340
85	2305	108.700	0.939	0.623	1.160	1.350
86	2401	162.300	0.999	0.350	0.760	0.570
87	2402	116.110	0.928	0.719	0.210	0.970
88	2403	107.220	0.885	1.982	0.100	1.270
89	2404	110.520	0.943	0.166	0.750	1.370
90	2405	96.630	0.831	5.546	1.250	1.280
91	2406	122.640	0.943	0.190	0.430	0.940
92	2502	127.800	0.886	0.717	0.450	1.030
93	2503	129.940	0.912	0.208	0.000	1.250
94	2504	131.300	0.948	0.109	0.460	1.310
95	2505	109.200	0.839	0.964	0.960	1.230
96	2601	168.720	0.882	0.667	1.200	0.600
97	2602	104.810	0.910	5.589	0.630	0.930
98	2603	130.790	0.903	1.526	0.120	1.010
99	2604	110.080	0.893	2.192	0.450	1.080
100	2605	128.890	0.868	1.747	1.060	1.110
101	2606	109.600	0.942	0.024	0.270	1.020
102	2607	107.350	1.000	1.095	0.830	0.150
103	2702	121.530	0.927	5.724	0.350	0.480
104	2703	129.210	0.898	5.634	0.150	0.550
105	2704	91.400	0.717	3.099	0.750	0.550
106	2705	49.010	0.750	0.831	1.120	0.800
107	2801	25.000	0.612	3.328	0.520	0.020
108	2802	118.970	0.929	2.217	0.100	0.060
109	2803	127.420	0.921	1.382	0.230	0.110
110	2804	19.590	0.484	2.795	0.970	0.030
111	2805	196.040	1.000	1.078	1.180	0.550
112	2806	113.560	0.932	1.374	0.150	0.650
113	3003	132.890	0.907	0.086	0.180	0.000
114	3005	99.710	0.776	2.457	1.070	0.150
115	3006	173.800	1.000	2.454	0.050	0.250
116	3007	104.010	1.000	0.120	0.300	0.000