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Table 1: Available surface and subsurface temperature data across South Africa

Longitude	Latitude	Type	Name	Depth (m)	Temperature (°C)	Heat flow (mW/m ³)	Estimated geothermal gradient (°C/km)	Method [†]	Data source
29.894	-22.836	Spring	Windhoek	1	40	0	40.00	Thermodynamics	Olivier et al., 2011 [54]
29.889	-22.870	Spring	Masequa	1	40	0	40.00	Thermodynamics	Olivier et al., 2011 [54]
30.681	-22.530	Spring	Sagole	1	46	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
30.167	-22.583	Spring	Morreeson	1	43	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
30.173	-22.610	Spring	Tshipise	1	58	0	46.30	Geothermometer (Si)	Olivier and Jonker, 2013 [56]
30.058	-22.811	Spring	Minwamadi	1	32	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
30.195	-22.894	Spring	Siloam	1	67	0	64.05	Geothermometer (Na-K)	Olivier and Jonker, 2013 [56]
30.184	-22.908	Spring	Dopeni	1	45	0	45.00	Thermodynamics	Olivier et al., 2011 [54]
30.167	-22.917	Spring	Mphephu	1	43	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
29.383	-22.783	Spring	Vetfontein	1	30	0	45.00	Thermodynamics	Kent, 1949 [45]
29.184	-22.417	Spring	Evangelina	1	34	0	50.05	Geothermometer (Si)	Kent, 1949 [45]
28.617	-22.567	Spring	Tugela	1	53	0	48.13	Geothermometer (Si)	Kent, 1949 [45]
30.850	-23.417	Spring	Souting	1	44	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
30.666	-23.650	Spring	Die Eiland	1	42	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
28.617	-24.433	Spring	Die Oog	1	40	0	46.93	Geothermometer (Si)	Kent, 1949 [45]
28.567	-24.450	Spring	Rhemardo	1	44	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
28.601	-24.566	Spring	Vischgat	1	40	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
28.301	-24.884	Spring	Bela Bela	1	52	0	50.05	Geothermometer (Si)	Kent, 1949 [45]
28.184	-24.601	Spring	Loubad	1	34	0	40.89	Geothermometer (Si)	Kent, 1949 [45]

Longitude	Latitude	Type	Name	Depth (m)	Temperature (°C)	Heat flow (mW/m ³)	Estimated geothermal gradient (°C/km)	Method [†]	Data source
27.600	-24.567	Spring	Buffelshoek	1	31	0	48.38	Geothermometer (Si)	Kent, 1949 [45]
30.518	-25.391	Spring	Falcon	1	45	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
30.262	-25.660	Spring	Machadodorp	1	29	0	49.78	Geothermometer (Si)	Kent, 1949 [45]
30.566	-25.953	Spring	Badplaas	1	53	0	53.16	Geothermometer (Si)	Kent, 1949 [45]
29.030	-25.616	Spring	Amazimtaba	1	28	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
31.175	-26.402	Spring	Swazi Spa	1	45	0	45.00	Thermodynamics	Swazi Spa Information Desk 2016, oral communication, Nov 20
30.869	-27.530	Spring	Natal Spa	1	44	0	45.23	Geothermometer (Si)	Kent, 1949 [45]
31.307	-28.012	Spring	Thangami	1	41	0	45.00	Thermodynamics	Hoole, 2000 [49]
31.012	-28.857	Spring	Shu Shu	1	52	0	45.00	Thermodynamics	Hoole, 2000 [49]
30.850	-29.120	Spring	Lilani	1	40	0	45.00	Thermodynamics	Hoole, 2000 [49]
26.715	-30.715	Spring	Aliwal	1	37	0	35.00	Geothermometer (Si)	Kent, 1949 [45]
26.540	-30.650	Spring	Badfontein	1	30	0	45.00	Thermodynamics	Kent, 1949 [45]
25.627	-32.135	Spring	Cradock Spa	1	31	0	45.95	Geothermometer (Si)	Kent, 1949 [45]
23.155	-33.396	Spring	Toorwater	1	49	0	45.00	Thermodynamics	Boekstein, 2012 [55]
21.774	-33.661	Spring	Calitzdorp Spa	1	35	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
20.902	-33.770	Spring	Warmwaterberg	1	46	0	35.31	Geothermometer (Si)	Kent, 1949 [45]
20.122	-33.698	Spring	Baden	1	35	0	45.00	Thermodynamics	Baden Information Desk 2016, oral communication, Nov 20
20.113	-33.770	Spring	Montagu	1	39	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
19.419	-33.730	Spring	Brandvlei	1	64	0	52.48	Geothermometer (Si)	Kent, 1949 [45]
19.267	-33.666	Spring	Goudini	1	35	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
19.447	-34.221	Spring	Caledon Spa	1	49	0	52.41	Geothermometer (Si)	Olivier and Jonker, 2013 [56]
18.725	-33.467	Spring	Malmesbury Spa	1	34	0	53.59	Geothermometer (Si)	Kent, 1949 [45]
19.029	-32.739	Spring	Citrusdal	1	43	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
20.293	-28.465	Spring	Riemvasmaak	1	42	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
25.199	-27.884	Spring	Nkolo Spa	1	45	0	45.00	Thermodynamics	Nkolo Spa Information Desk 2016, oral communication, Nov 22
21.767	-33.667	Spring	Oliphants valley	1	52	0	53.84	Geothermometer (Si)	Kent, 1949 [45]

Longitude	Latitude	Type	Name	Depth (m)	Temperature (°C)	Heat flow (mW/m ³)	Estimated geothermal gradient (°C/km)	Method [†]	Data source
19.550	-28.533	Spring	Warmbad Noord	1	44	0	45.00	Thermodynamics	Olivier and Jonker, 2013 [56]
21.717	-33.667	Spring	Gamka Valley	1	33	0	45.00	Thermodynamics	Kent, 1949 [45]
29.033	-25.350	Spring	Grovesbad	1	33	0	45.00	Thermodynamics	Kent, 1949 [45]
31.100	-27.183	Spring	Sulphur Springs	1	31	0	47.97	Geothermometer (Si)	Kent, 1949 [45]
25.583	-30.867	Spring	Rooiwal	1	30	0	45.00	Thermodynamics	Kent, 1949 [45]
26.917	-28.550	Spring	Winburg	1	30	0	45.00	Thermodynamics	Kent, 1949 [45]
28.650	-30.467	Spring	Knegha Drift	1	29	0	45.00	Thermodynamics	Kent, 1949 [45]
29.300	-24.833	Spring	Riffontein	1	29	0	50.05	Geothermometer (Si)	Kent, 1949 [45]
26.667	-32.833	Spring	Fort Beaufort	1	29	0	58.85	Geothermometer (Si)	Kent, 1949 [45]
21.983	-32.667	Spring	Stinkfontein	1	29	0	51.06	Geothermometer (Na-K)	Kent, 1949 [45]
30.483	-28.850	Spring	Etembeni	1	28	0	45.00	Thermodynamics	Kent, 1949 [45]
24.450	-32.317	Spring	Grasrand	1	26	0	45.00	Thermodynamics	Kent, 1949 [45]
31.041	-22.889	Spring	Malahlapanga	1	38	0	45.00	Thermodynamics	Grootjans et al., 2010 [52]
31.238	-23.013	Spring	Mfayeni	1	42	0	45.00	Thermodynamics	Grootjans et al., 2010 [52]
31.350	-26.050	Spring	Mkoba	1	52	0	46.81	Geothermometer (Si)	Robins, 2013 [57]
31.167	-26.367	Spring	Mvuntshini	1	45	0	45.00	Thermodynamics	Robins, 2013 [57]
31.183	-26.400	Spring	Ezulwini	1	40	0	45.00	Thermodynamics	Robins, 2013 [57]
31.200	-26.433	Spring	Lombamba	1	48	0	45.00	Thermodynamics	Robins, 2013 [57]
31.167	-26.600	Spring	Mawelawela	1	46	0	45.00	Thermodynamics	Robins, 2013 [57]
31.200	-26.700	Spring	Ngwepisi	1	46	0	45.00	Thermodynamics	Robins, 2013 [57]
31.133	-26.967	Spring	Mpopoma	1	33	0	45.00	Thermodynamics	Robins, 2013 [57]
31.300	-26.700	Spring	Madubula	1	52	0	45.85	Geothermometer (Si)	Robins, 2013 [57]
31.700	-26.183	Spring	Fairview	1	38	0	45.00	Thermodynamics	Robins, 2013 [57]
31.683	-26.700	Spring	Siphofaneni	1	39	0	45.00	Thermodynamics	Robins, 2013 [57]
31.572	-27.329	Spring	Onverwacht	1	26	0	51.12	Geothermometer (Si)	Robins, 2013 [57]
34.023	-18.899	Spring	Nhambita	1	63	0	47.45	Geothermometer (Si)	Merkel and Steinbruch, 2007 [51]
23.167	-24.450	Spring	Welgevonden	1	44	0	45.00	Thermodynamics	Kent, 1949 [45]

Longitude	Latitude	Type	Name	Depth (m)	Temperature (°C)	Heat flow (mW/m ³)	Estimated geothermal gradient (°C/km)	Method [†]	Data source
30.850	-23.417	Spring	Souting	1	33	0	45.00	Thermodynamics	Kent, 1949 [45]
30.667	-23.650	Spring	Letaba	1	42	0	45.00	Thermodynamics	Kent, 1949 [45]
31.300	-28.033	Spring	Black Umfolozi	1	41	0	45.00	Thermodynamics	Kent, 1949 [45]
19.717	-28.500	Spring	Skuitdrif Oos	1	38	0	45.00	Thermodynamics	Kent, 1949 [45]
30.167	-22.583	Spring	Gordonia	1	38	0	45.00	Thermodynamics	Kent, 1949 [45]
29.783	-22.971	Spring	Paddysland	1	40	0	51.58	Geothermometer (Si)	Kent, 1949 [45]
30.900	-23.117	Well	Fumani Mine GR1	294	0	52	14.86	Measured	Jones, 1988 [16]
30.900	-23.117	Well	Fumani Mine GR24	250	15	56	15.26	Measured	Jones, 1988 [16]
30.900	-23.117	Well	Fumani Mine GR25	249	15	55	14.99	Measured	Jones, 1988 [16]
26.450	-26.834	Well	Rhenosterhoek DRH18	510	10	34	9.66	Measured	Jones, 1988 [16]
26.466	-26.834	Well	Rhenosterberghoek DRB6	400	9	31	8.86	Measured	Jones, 1988 [16]
26.500	-26.817	Well	Rietkuil DRL17	230	10	33	9.79	Measured	Jones, 1988 [16]
26.533	-26.750	Well	Schoemansfontein BSF1	714	11	36	11.39	Measured	Jones, 1988 [16]
26.566	-26.700	Well	Brakspruit BBS1	250	10	33	10.03	Measured	Jones, 1988 [16]
26.616	-26.600	Well	Mahemsvlei BMV4	579	11	33	10.51	Measured	Jones, 1988 [16]
26.866	-26.451	Well	Tweelingfontein BTFI	450	10	33	10.28	Measured	Jones, 1988 [16]
29.183	-26.517	Well	Goedehoop	2100	0	44	16.92	Measured	Jones, 1988 [16]
29.150	-26.501	Well	Driefontein 1	1402	0	47	15.67	Measured	Jones, 1988 [16]
29.166	-26.501	Well	Driefontein2	1784	0	48	16.00	Measured	Jones, 1988 [16]
29.150	-26.484	Well	Driefontein 3	1968	0	51	19.62	Measured	Jones, 1988 [16]
29.116	-26.501	Well	Winkelhaak 1	1490	0	53	17.67	Measured	Jones, 1988 [16]
29.116	-26.467	Well	Winkelhaak 2	1506	0	52	17.33	Measured	Jones, 1988 [16]
29.100	-26.451	Well	Winkelhaak 3	1516	0	59	19.67	Measured	Jones, 1988 [16]
29.116	-26.434	Well	Winkelhaak 4	2211	0	53	20.38	Measured	Jones, 1988 [16]
29.083	-26.467	Well	Winkelhaak 5	1214	0	61	20.33	Measured	Jones, 1988 [16]
29.116	-26.451	Well	Winkelhaak 6	1812	0	63	21.00	Measured	Jones, 1988 [16]

Longitude	Latitude	Type	Name	Depth (m)	Temperature (°C)	Heat flow (mW/m ³)	Estimated geothermal gradient (°C/km)	Method [†]	Data source
29.083	-26.467	Well	Leeuwspruit	1263	0	55	18.33	Measured	Jones, 1988 [16]
28.983	-26.401	Well	Grootlaagte	2196	0	60	23.08	Measured	Jones, 1988 [16]
28.900	-26.367	Well	Rietfontein	1134	0	52	14.86	Measured	Jones, 1988 [16]
28.300	-26.301	Well	Reef Nigel	1387	0	43	12.29	Measured	Bullard, 1939 [44]
27.766	-26.251	Well	Zuurbult ZA	991	7	44	12.57	Measured	Jones, 1988 [16]
27.816	-26.234	Well	Doornkop D2	608	11	36	10.60	Measured	Jones, 1988 [16]
27.816	-26.201	Well	Vlakfontein	1028	0	48	13.71	Measured	Jones, 1988 [16]
27.666	-26.301	Well	Gemspost GM7	684	8	51	7.94	Measured	Jones, 1988 [16]
27.566	-26.401	Well	Doornkloof No. 18	1915	10	50	9.50	Measured	Bullard, 1939 [44]
27.216	-26.484	Well	Gerhardminnebron GMB1	2880	0	54	18.00	Measured	Bullard, 1939 [44]
27.200	-26.467	Well	Gerhardminnebron GMB2	2142	0	44	12.57	Measured	Jones, 1988 [16]
27.050	-26.584	Well	Oudedorp	2022	0	55	15.71	Measured	Jones, 1988 [16]
26.983	-26.567	Well	Welgedund	2118	0	50	14.29	Measured	Jones, 1988 [16]
26.850	-26.767	Well	Stilfontein ST7	658	0	61	15.25	Measured	Jones, 1988 [16]
26.833	-26.784	Well	Stilfontein ST11	1067	0	46	11.50	Measured	Jones, 1988 [16]
26.833	-26.800	Well	Stilfontein ST14	1614	0	56	15.14	Measured	Jones, 1988 [16]
26.800	-26.817	Well	Stilfontein ST9	942	0	48	12.00	Measured	Jones, 1988 [16]
26.850	-26.834	Well	Hartebeestfontein UC47	1036	9	58	9.20	Measured	Jones, 1988 [16]
26.800	-26.850	Well	Hartebeestfontein HB3	1097	0	54	15.43	Measured	Jones, 1988 [16]
26.816	-26.850	Well	Hartebeestfontein HB2	1730	0	56	16.00	Measured	Jones, 1988 [16]
26.833	-26.867	Well	Hartebeestfontein HB10	1524	0	59	16.86	Measured	Jones, 1988 [16]
26.783	-26.884	Well	Hartebeestfontein HB15	1996	0	44	12.57	Measured	Carte, 1954 [46]
26.816	-26.884	Well	Hartebeestfontein HB5	1029	0	72	20.57	Measured	Jones, 1988 [16]
26.816	-26.900	Well	Hartebeestfontein	1128	0	66	18.86	Measured	Jones, 1988 [16]

Longitude	Latitude	Type	Name	Depth (m)	Temperature (°C)	Heat flow (mW/m ³)	Estimated geothermal gradient (°C/km)	Method [†]	Data source
			HB9						
26.800	-26.900	Well	Hartebeestfontein HB14	1585	0	52	14.86	Measured	Jones, 1988 [16]
26.800	-26.900	Well	Hartebeestfontein HB16	1463	0	60	17.14	Measured	Jones, 1988 [16]
26.833	-26.917	Well	Hartebeestfontein HB11	2073	0	49	14.00	Measured	Jones, 1988 [16]
26.816	-26.917	Well	Hartebeestfontein HB8	1463	0	53	15.14	Measured	Jones, 1988 [16]
26.816	-26.917	Well	Buffelsfontein BU3	2012	0	50	14.29	Measured	Jones, 1988 [16]
26.816	-26.934	Well	Buffelsfontein BU1	2286	0	50	14.29	Measured	Jones, 1988 [16]
26.783	-26.967	Well	Doornkom-West DW1	1951	0	54	15.43	Measured	Jones, 1988 [16]
26.616	-26.917	Well	Roodepoort R57	1388	12	36	11.96	Measured	Carte, 1954 [46]
26.566	-27.100	Well	Wolvehuis WS1	2377	0	52	17.33	Measured	Jones, 1988 [16]
26.566	-27.150	Well	Jacoba No. 3	2143	0	40	16.00	Measured	Bullard, 1939 [44]
26.566	-27.117	Well	Doornhout Rivier No. 3	1724	13	41	13.23	Measured	Bullard, 1939 [44]
26.933	-27.400	Well	Vergenoeg VG1	2438	0	55	27.50	Measured	Jones, 1988 [16]
26.550	-27.667	Well	Klein Britanje SB1	997	0	48	16.00	Measured	Jones, 1988 [16]
26.483	-27.717	Well	Goud Kwarts SB2	1261	0	48	19.20	Measured	Jones, 1988 [16]
26.650	-27.717	Well	Le Roexs Pan RS1	1879	0	53	26.50	Measured	Jones, 1988 [16]
36.617	-27.717	Well	Siberia S1	1100	15	50	14.49	Measured	Jones, 1988 [16]
26.616	-27.784	Well	Diamant DT1	2469	0	50	25.00	Measured	Jones, 1988 [16]
26.633	-27.800	Well	Weltevreden WN5	2073	0	53	26.50	Measured	Jones, 1988 [16]
26.633	-27.817	Well	Spes Bona TV2	1768	0	52	26.00	Measured	Jones, 1988 [16]
26.650	-27.834	Well	Van den Hevers Rust VDH4A	1798	0	52	26.00	Measured	Jones, 1988 [16]
26.650	-27.850	Well	Rosedale RD1	1768	0	49	24.50	Measured	Jones, 1988 [16]
26.733	-27.950	Well	Mooitoekomst M2	1372	0	50	20.00	Measured	Jones, 1988 [16]
26.766	-27.950	Well	Mealie Bult MB3	1067	0	47	18.80	Measured	Jones, 1988 [16]

Longitude	Latitude	Type	Name	Depth (m)	Temperature (°C)	Heat flow (mW/m ³)	Estimated geothermal gradient (°C/km)	Method [†]	Data source
26.700	-28.034	Well	St Helena SH1	2134	10	59	9.70	Measured	Jones, 1988 [16]
26.883	-28.034	Well	La Riviera LR7	1646	0	44	17.60	Measured	Jones, 1988 [16]
27.000	-28.000	Well	Portland PW1	1006	0	45	18.00	Measured	Jones, 1988 [16]
27.000	-28.034	Well	Brooklands BOS1	1036	0	51	17.00	Measured	Jones, 1988 [16]
26.800	-28.067	Well	Jurgens Hof 1	2151	0	45	22.50	Measured	Jones, 1988 [16]
26.800	-28.067	Well	Jurgens Hof 2	1671	0	44	17.60	Measured	Jones, 1988 [16]
26.716	-28.100	Well	Blaauwdrift 1	700	0	60	20.00	Measured	Jones, 1988 [16]
26.716	-28.100	Well	Blaauwdrift 2	560	0	49	16.33	Measured	Jones, 1988 [16]
26.733	-28.117	Well	Blaauwdrift 3	360	0	53	17.67	Measured	Jones, 1988 [16]
26.733	-28.117	Well	Blaauwdrift 4	2139	0	60	30.00	Measured	Jones, 1988 [16]
26.733	-28.167	Well	Kalkoen-krans	552	0	51	17.00	Measured	Jones, 1988 [16]
26.700	-28.184	Well	Palmietkuil 1	1348	0	51	20.40	Measured	Jones, 1988 [16]
26.716	-28.217	Well	Palmietkuil 2	2244	0	52	26.00	Measured	Jones, 1988 [16]
26.716	-28.217	Well	Palmietkuil 3	2310	0	57	28.50	Measured	Jones, 1988 [16]
26.750	-28.217	Well	Palmietkuil 4	2750	0	46	23.00	Measured	Jones, 1988 [16]
26.700	-28.250	Well	Boschuis Spruit	1120	0	51	20.40	Measured	Jones, 1988 [16]
26.733	-28.267	Well	Excelsior	376	0	55	18.33	Measured	Jones, 1988 [16]
26.766	-28.234	Well	Mooivlakte	1049	0	56	18.67	Measured	Jones, 1988 [16]
26.800	-28.250	Well	Doorndeel	1068	0	50	16.67	Measured	Jones, 1988 [16]
26.766	-28.267	Well	Leeuwbult 1	945	0	55	18.33	Measured	Jones, 1988 [16]
26.766	-28.284	Well	Leeuwbult 2	851	0	53	17.67	Measured	Jones, 1988 [16]
26.700	-28.284	Well	Avondsrust 1	760	0	41	13.67	Measured	Jones, 1988 [16]
26.716	-28.284	Well	Avondsrust2	780	0	48	16.00	Measured	Jones, 1988 [16]
28.583	-25.467	Well	Fairfield FF1	800	0	42	13.13	Measured	Jones, 1988 [16]
28.583	-25.484	Well	Varkfontein VF1	393	0	40	10.00	Measured	Jones, 1988 [16]
17.882	-28.700	Well	Haib HB77	540	19	64	18.66	Measured	Jones, 1987 [17]
17.699	-29.534	Well	Nababeep Flat Mine FM143	799	20	61	19.43	Measured	Jones, 1987 [17]

Longitude	Latitude	Type	Name	Depth (m)	Temperature (°C)	Heat flow (mW/m ³)	Estimated geothermal gradient (°C/km)	Method [†]	Data source
17.916	-29.534	Well	Hoogkraal East HKE26	467	20	76	19.90	Measured	Jones, 1987 [17]
18.016	-29.534	Well	Homeep East HE177	472	19	65	18.62	Measured	Jones, 1987 [17]
17.966	-29.634	Well	Carolusberg WestCCX-042S	589	12	60	19.29	Measured	Jones, 1987 [17]
17.967	-29.667	Well	Carolusberg West Z.026S	660	12	59	17.82	Measured	Jones, 1987 [17]
18.749	-29.217	Well	Aggeneys AG140	670	0	55	15.71	Measured	Jones, 1987 [17]
19.649	-29.350	Well	Puts-berg POG32	345	17	74	17.17	Measured	Jones, 1987 [17]
20.116	-29.334	Well	Adjoining Geelvloer G-42	137	18	60	17.65	Measured	Jones, 1987 [17]
20.783	-29.067	Well	Rozynen Bosch RB56	434	21	81	20.93	Measured	Jones, 1987 [17]
21.049	-28.284	Well	Arcachap AP11	462	20	52	25.00	Measured	Jones, 1987 [17]
21.649	-29.017	Well	Boksputs KC12	210	14	39	13.54	Measured	Jones, 1987 [17]
21.783	-29.334	Well	Jacomyns Pan PC2-27	445	17	60	16.90	Measured	Jones, 1987 [17]
21.783	-29.334	Well	Jacomyns Pan PC2-30	160	14	53	14.02	Measured	Jones, 1987 [17]
22.299	-29.967	Well	Vogelstruisbult V41	703	0	48	24.00	Measured	Jones, 1987 [17]
21.499	-30.500	Well	Dubbelde Vlei	1497	0	64	22.46	Measured	Bullard, 1939 [44]
21.333	-32.684	Well	Sambokkraal	1760	0	58	25.00	Measured	Gough, 1963 [48]
21.333	-32.984	Well	Koegelfontein	850	0	61	25.00	Measured	Gough, 1963 [48]
22.583	-32.767	Well	Bothadale	1457	0	54	25.00	Measured	Gough, 1963 [48]
24.350	-32.717	Well	Kalkkop	299	0	51	25.00	Measured	Gough, 1963 [48]
32.466	-27.724	Well	ZD 1/71	1063	0	0	32.30	Measured	Hicks et al., 2014 [58]
32.686	-27.071	Well	ZE 1/71	1900	0	0	25.40	Measured	Hicks et al., 2014 [58]
32.597	-27.216	Well	ZF 1/72	1921	0	0	27.20	Measured	Hicks et al., 2014 [58]
32.570	-27.569	Well	ZG 1/72	1515	92	0	44.60	Measured	Hicks et al., 2014 [58]
32.420	-28.244	Well	ZU 1/77	6083	140	0	25.00	Measured	Hicks et al., 2014 [58]
25.664	-33.585	Well	AD 1/68	0	0	0	37.20	Thermodynamics	Hicks et al., 2014 [58]
25.891	-33.571	Well	NA 3/70	3082	85	0	37.20	Measured	Hicks et al., 2014 [58]
25.840	-33.703	Well	VO 1/71	2878	87	0	37.20	Measured	Hicks et al., 2014 [58]

Longitude	Latitude	Type	Name	Depth (m)	Temperature (°C)	Heat flow (mW/m ³)	Estimated geothermal gradient (°C/km)	Method [†]	Data source
28.480	-29.170	Well	BTR102	176	0	83	47.70	Measured	Jones, 1992 [18]
28.478	-29.142	Well	BTR123	320	0	73	41.95	Measured	Jones, 1992 [18]
28.446	-28.925	Well	BTR129	150	0	82	46.59	Measured	Jones, 1992 [18]
28.478	-28.850	Well	BTR112	200	0	70	37.84	Measured	Jones, 1992 [18]
28.473	-28.817	Well	BTR113	263	0	55	31.98	Measured	Jones, 1992 [18]
28.455	-28.705	Well	DTR210	130	0	39	19.12	Measured	Jones, 1992 [18]
28.455	-28.705	Well	DTR210	197	0	46	13.26	Measured	Jones, 1992 [18]
28.438	-28.632	Well	DTR202	160	0	41	15.77	Measured	Jones, 1992 [18]
28.436	-28.584	Well	DTR103	220	0	48	18.46	Measured	Jones, 1992 [18]
28.431	-28.505	Well	DTR118	120	0	52	20.00	Measured	Jones, 1992 [18]
28.426	-28.492	Well	DTR119	110	0	61	23.46	Measured	Jones, 1992 [18]
28.418	-28.479	Well	DTR121	94	0	46	17.69	Measured	Jones, 1992 [18]
28.416	-28.474	Well	DTR134	80	0	37	14.23	Measured	Jones, 1992 [18]
30.100	-22.301	Well	Messina 0-32	243	0	57	25.00	Measured	Carte, 1954 [46]
31.083	-25.684	Well	New Consort Mine	1340	20	49	19.52	Measured	Carte and Van Rooyen, 1969 [15]
30.683	-23.901	Well	Wiegel Shaft WS68	600	11	55	11.48	Measured	Carte and Van Rooyen, 1969 [15]
27.500	-26.417	Well	Leeuwpoort E1E	2740	14	46	13.73	Measured	Carte and Van Rooyen, 1969 [15]
27.250	-25.667	Well	Rustenburg	1070	0	46	15.33	Measured	Carte and Van Rooyen, 1969 [15]
29.900	-24.317	Well	Umkoanesstad US9	610	21	47	25.00	Measured	Carte and Van Rooyen, 1969 [15]
26.466	-28.700	Well	Brandfort	1580	0	58	23.20	Measured	Carte and Van Rooyen, 1969 [15]
24.666	-30.084	Well	Petrusville	700	0	69	33.66	Measured	Carte and Van Rooyen, 1969 [15]
28.766	-28.384	Well	Kestell No. 7	1402	0	54	21.60	Measured	Carte, 1954 [46]
29.383	-28.684	Well	Hopewell GS01	1040	30	69	30.00	Measured	Carte and Van Rooyen, 1969 [15]
32.100	-28.350	Well	Somkele S1	2914	88	68	30.00	Measured	Carte and Van Rooyen, 1969 [15]
22.883	-27.700	Well	Bishops Wood BW1	1040	0	48	16.00	Measured	Carte and Van Rooyen, 1969 [15]
22.949	-27.850	Well	Dingle D11	850	0	52	14.86	Measured	Carte and Van Rooyen, 1969 [15]
26.833	-30.900	Well	Weltevreden WE1/66	1100	18	49	19.00	Measured	Carte and Van Rooyen, 1969 [15]

Longitude	Latitude	Type	Name	Depth (m)	Temperature (°C)	Heat flow (mW/m ³)	Estimated geothermal gradient (°C/km)	Method [†]	Data source
29.266	-30.167	Well	Oakham SW1/67	1220	21	54	25.00	Measured	Carte and Van Rooyen, 1969 [15]
19.826	-32.842	Well	KZF-1	655	37	0	53.00	Measured	de Kock et al., 2015 [59]
21.329	-32.669	Well	SA 1/66	2975	66	0	26.00	Measured	Woodford and Chevallier, 2002 [50]
20.454	-32.617	Well	KL 1/165	3184	77	0	26.00	Measured	Woodford and Chevallier, 2002 [50]
26.840	-30.898	Well	WE 1/66	2473	73	0	26.00	Measured	Viljoen et al., 2010 [53]
27.448	-30.183	Well	TK 1/75	0	0	0	36.90	Thermodynamics	Viljoen et al., 2010 [53]
27.617	-33.883	Well	Zwartkops	1036	55	0	53.00	Measured	Kent, 1949 [45]
25.733	-30.050	Well	TGI	1433	37	0	26.00	Measured	Kent, 1949 [45]
26.733	-28.100	Well	JRI	1085	34	0	31.00	Measured	Kent, 1949 [45]
26.817	-28.100	Well	VK1	780	33	0	42.00	Measured	Kent, 1949 [45]
27.818	-26.200	Well	Vlakfontein	1106	26	0	7.45	Measured	Krige, 1939 [14]
27.765	-26.251	Well	Zuurbult	1067	27	0	7.74	Measured	Krige, 1939 [14]
26.995	-26.572	Well	Welgegund 84	2280	39	0	8.48	Measured	Krige, 1939 [14]
26.820	-26.316	Well	Roodepoort 57	1896	41	0	10.74	Measured	Krige, 1939 [14]
26.467	-27.710	Well	Goudkwards	1357	36	0	12.08	Measured	Krige, 1939 [14]
26.714	-28.032	Well	St Helena	2297	47	0	9.28	Measured	Krige, 1939 [14]
26.803	-26.807	Well	Stilfontein	1737	37	0	9.57	Measured	Bouwer, 1954 [47]
26.831	-26.923	Well	Buffelsfontein	2461	45	0	10.44	Measured	Bouwer, 1954 [47]
26.613	-27.779	Well	Diamant	2657	52	0	12.35	Measured	Bouwer, 1954 [47]
26.625	-27.836	Well	Spes Bona	2428	50	0	12.28	Measured	Bouwer, 1954 [47]
26.737	-27.243	Well	Vergenoeg	2625	50	0	11.72	Measured	Bouwer, 1954 [47]
26.715	-27.832	Well	Weltevreden	2231	48	0	13.39	Measured	Bouwer, 1954 [47]
28.586	-32.245	Well	KWV-1	2200	80	0	40.00	Measured	Campbell et al., 2016 [5]

[†]Method: 'Thermodynamics' implies that the gradient is calculated using an inferred reservoir depth, based on available geophysical data, surrounding heat flow and downhole temperature measurements (e.g. Fourier's Law); 'Geothermometer' uses solute-based (silica or sodium-potassium) hydrochemical data and 'Measured' uses actual borehole temperature measurements.