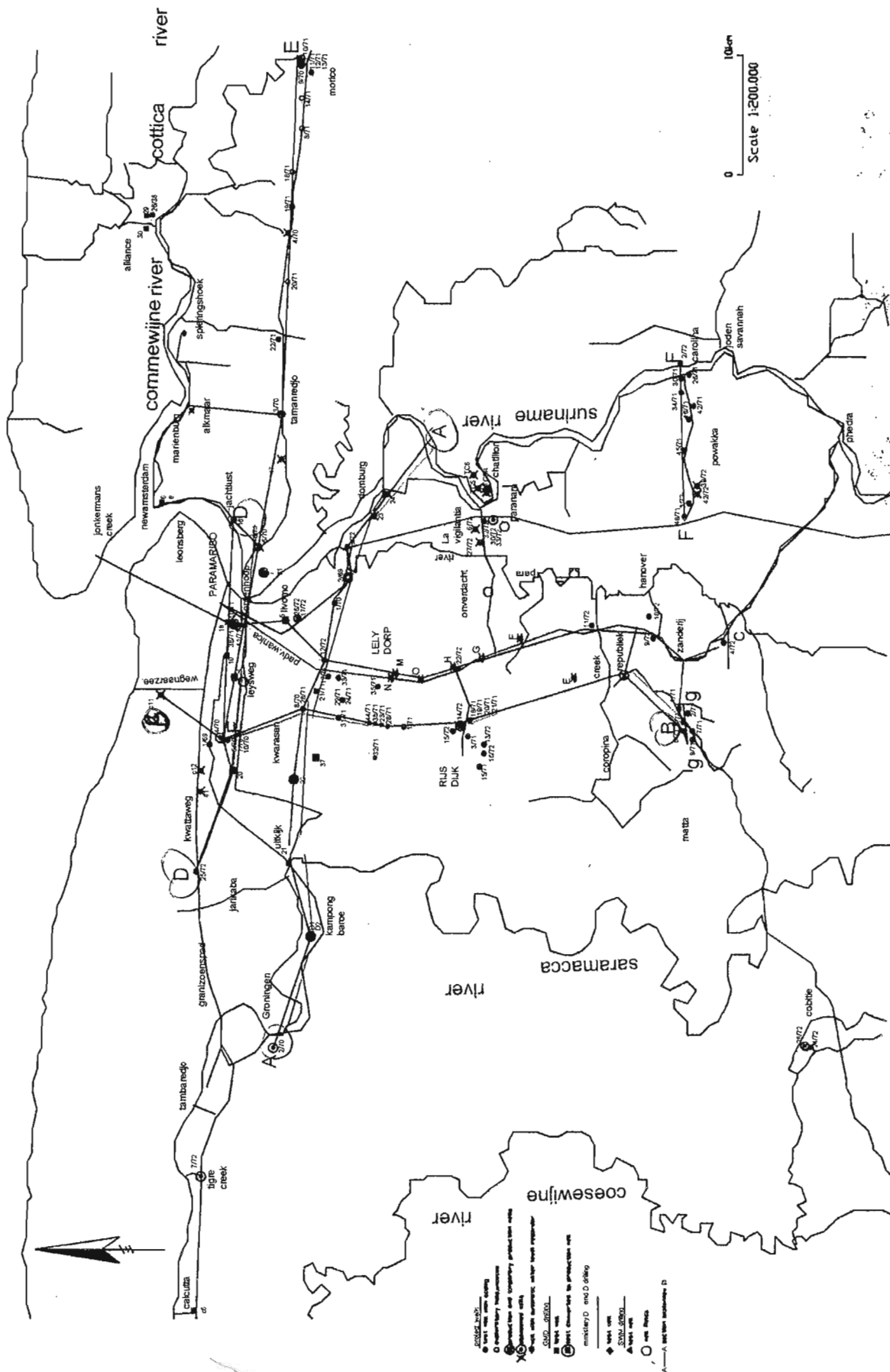


Map of the Suriname coastal plain around Paramaribo with sampled wells





Enclosure 5, Well locations section lines in the Paramaribo-Zanderij area



Well	Location	Screen	Formation	Depth m	Date	Temp °C	pH-Lab	pH-Field	EC-Lab µS/cm	Ec-Veld µS/cm	Cl mmol/l	Br mmol/l	CO <sub>3</sub> <sup>2-</sup> mmol/l	HCO <sub>3</sub> <sup>-</sup> mmol/l	SO <sub>4</sub> <sup>2-</sup> mmol/l	NO <sub>3</sub> <sup>-</sup> mmol/l	PO <sub>4</sub> -orth mmol/l	Na <sup>+</sup> mmol/l	K <sup>+</sup> mmol/l
Samples with analyses of all macrolons and electro-neutrality error < 10 %																			
0/2000	Kabo	1	2	-7.5	17-08-83		6.23		61		0.077			0.032		0.357		0.107	0.048
0/2000	Kabo	1	2	-7.5	01-06-83		6.26		24		0.121			0.045	0.009			0.120	
0/200W	Kabo	1	2	-7.5	17-08-83		5.84		25		0.133			0.008				0.114	
0/2800	Kabo	1	2	-7.5	17-08-83		6.13		26		0.149			0.014	0.010			0.133	0.002
0/2800	Kabo	1	2	-7.5	01-06-83		6.38		24		0.124			0.067	0.004			0.141	
0/4000	Kabo	1	2	-7.5	17-08-83		5.35		27		0.130			0.004	0.015	0.015		0.123	0.009
0/400W	Kabo	1	2	-7.5	01-06-83		5.25		57		0.465			0.004				0.350	
0/400W	Kabo	1	2	-7.5	17-08-83		4.63		55		0.338			0.001		0.023		0.232	0.001
0/5800	Kabo	1	2	-7.5	17-08-83		6.35		24		0.098			0.051	0.011			0.097	0.003
0/6000	Kabo	1	2	-7.5	01-06-83		6.27		35		0.194			0.052	0.015	0.025		0.204	0.011
0/700W	Kabo	1	2	-7.5	17-08-83		6.52		34		0.122			0.078	0.010	0.022		0.189	0.006
0/700W	Kabo	1	2	-7.5	01-06-83		5.93		24		0.090			0.016	0.010	0.044		0.112	
0/900W	Kabo	1	2	-7.5	17-08-83		5.94		37		0.250			0.005				0.207	0.003
0/900W	Kabo	1	2	-7.5	01-06-83		6.07		63		0.421			0.029	0.021	0.024		0.357	0.018
1/72	Van Haltemweg	1	2	-40.2	11-09-72		7.4				0.451			1.700	0.104			1.217	0.102
1/76	Meerzorg	1	5	-151.1	05-12-80	30	7.1		400		3.385			1.344	0.166			3.740	0.230
1/82	Haarlem	2	3	-76.0	31-12-82	28	6.6		330		1.015			1.721	0.468	0.001	0.052	2.827	0.125
1/82	Haarlem	2	3	-76.0	14-07-95	33.8	7.27	6.7	2173	1450	16.107			2.508	1.197	0.006		14.049	0.260
1/88	Rijdsijk	1	2	-49.2	31-12-90	24.3	6.05		291		1.692			1.100	0.032		0.004	1.652	0.066
10/70	Lekking 9a	1	5	-183.5	29-01-71		6.7				9.393		0.049	1.900				9.656	0.212
10/71	Morico II	1	3	-82.3	21-05-71		8.3				4.936			0.049	2.200	0.551		5.959	0.102
10/71	Morico II	1	3	-82.3	29-01-70		6.7				9.393			0.049	1.900			9.656	0.212
11	Mudlake SURALCO	1	2	-34.4	15-03-95	26.6	5.9		946		6.854			1.349				6.394	0.130
11/73	Meerzorg	1	5	-151.1	05-12-80	30	7.16		460		3.949			1.442	0.166			4.219	0.230
12	Mudlake SURALCO	1	2	-25.1	15-03-95	26.7	6.6		2810		18.645			4.939				17.833	0.439
12/72	Mon Plaisirweg	1	2	-125.0	10-05-72		6.9				1.382			1.200	1.770			5.480	0.102
13	Mudlake SURALCO	1	2	-29.0	05-05-95	26.6	6.73		5750		37.179			21.819				43.932	0.987
13/72	Rijdsijk South	1	2	-30.3	31-12-90	22.9	5.89		180		1.100			1.119	0.083		0.005	1.043	0.040
14	Mudlake SURALCO	1	2	-29.0	05-05-95	26.8	6.31		2420		17.827			8.172				20.530	0.506
14/72	Rijdsijk	1	2	-34.5	31-12-90	27.3	7.72		330		1.297			2.721	0.034		0.004	0.869	0.069

→ analyses of other parameters are continued on page 179 to 189

Well	Location	Screen	Formation	Depth m	Date	Temp °C	pH-Lab	pH-Field	EC-Lab µS/cm	Ec-Veld µS/cm	Cl mmol/l	Br mmol/l	CO <sub>3</sub> <sup>2-</sup> mmol/l	HCO <sub>3</sub> <sup>-</sup> mmol/l	SO <sub>4</sub> <sup>2-</sup> mmol/l	NO <sub>3</sub> <sup>-</sup> mmol/l	PO <sub>4</sub> -orth mmol/l	Na <sup>+</sup> mmol/l	K <sup>+</sup> mmol/l
15	Mudlake SURALCO	1	2	-29.0	05-05-95	26	6.45		3970		27.447			10.790				32.187	0.639
16/71	Meerzorg	1	5	-151.1	07-07-71		6				5.416			1.000	0.145			5.176	0.179
17/71	Pad van Wanica	1	2	-38.8	04-08-71		6				17.235			0.500	1.218			7.872	0.294
18/89	Rijdsijk	1	2	-59.8	31-12-90	23.3	6.05		376		2.200			0.260	0.584		0.001	2.914	0.053
2/69	Houttulin	1	4	-126.2	02-06-71		8.3				3.977		0.349	0.900	0.468			4.393	0.153
2/87	Koewarasan	1	3	-84.0	07-07-95	28.2	6.76	5.99	845	834	4.372			1.573	1.249			2.474	0.143
21/71	Welgedacht B	1	3	-68.7	22-02-72		6.4				0.761			1.500	1.207			1.870	0.104
21/73	Landsboerd.(Javaweg)	1	2	-30.0	31-12-90	25.4	6.21		623		4.062			1.080	0.762		0.002	2.522	0.086
22/71	Commewijne km24	1	3	-67.0	27-07-71		5.4				51.622		0.299	0.100				35.798	0.409
22/72	Rijdsijk	1	2	-16.9	01-08-72		8.5				0.366		0.049	1.604				0.782	0.102
23/71	De Craneweg	1	3	-63.1	02-09-71		5.7				1.015			1.000	0.645			1.913	0.051
25/71	Magenta/Welgedacht C	1	3	-59.8	27-08-71		6.9				1.128			0.900	0.156			1.522	0.040
25/72	Garnzoenspad	1	5	-172.7	08-08-95	28	6.33	6.32	404	330	1.861			1.934	0.014	0.001		2.492	0.136
25/72	Garnzoenspad	1	5	-172.7	20-09-72		8.1				2.256			1.700				2.218	0.102
26/71	Carolina	1	2	0.0	31-08-71		4.7				1.128			0.080	0.322			1.043	0.051
27/71	Helena Christinaweg	1	2	-62.5	15-09-71		6.9				1.523			0.800	0.728			1.696	0.153
3/71	Rijdsijk	3	2	-29.0	31-12-71	28	6.5		145		0.818			1.327	0.031	0.001	0.007	1.000	0.074
3/71	Rijdsijk	3	3	-78.1	09-03-71		6.3				3.413			1.100	1.082			5.785	0.158
3/82	Meursweg	3	2	-30.0	04-08-95	26.9	6.42	6.01	343	288	2.039	0.0035		0.836	0.093	0.004		1.513	0.059
3/82	Meursweg	1	3	-68.0	04-08-95	27.9	6.27	6.65	5581	4780	51.791	0.0826		1.163	2.884	0.006		35.232	0.521
3/91	Helena Christinaweg	1	5	-134.0	12-12-96	28.8	6.77	5.6	541	530	1.829			1.030	1.099	0.002	0.003	3.239	0.163
3/91	Helena Christinaweg	1	5	-134.0	07-07-95	29.5	6.75	5.76	565	520	1.695			1.229	1.322			3.292	0.167
3/93	Lekking 9a	1	3	-74.0	16-07-95	29.7	6.9	6.05	1264	1187	6.093			2.737	2.311	0.048		3.692	0.301
31/71	Helena Christinaweg	1	3	-87.2	31-01-72		7.3				1.974			1.000	0.780			2.435	0.191
31/71	Helena Christinaweg	1	3	-87.2	12-12-96	27.2	6.19	5.7	1286	1213	8.420			0.206	1.399	0.004	0.005	4.579	0.270
31/71	Helena Christinaweg	1	3	-87.2	07-07-95	27.7	5.85	5.6	1326	1260	9.365			0.524	1.405	0.020		4.784	0.224
31/82	Koewarasan	1	3	-66.0	07-07-95	27.1	6.77	6.18	1021	1036	5.669			1.508	1.468	0.024		2.857	0.180
31/82	Koewarasan	1	3	-66.0	13-12-96	27.1	6.64	6	965	931	5.440			1.520	1.609	0.001	0.006	2.649	0.207
33/71	Helena Christinaweg	1	2	-37.7	30-09-71		6.1				13.737			0.300	0.801			5.611	0.230
35/71	Tawajarlweg	1	2	-43.0	18-10-71		6.4				2.059			1.100	0.520			1.522	0.102
36/71	Zorg en Hoop (Cor.str.)	1	5	-156.8	15-10-71		6.8				5.359			1.400				4.828	0.179
36/71	Skoddadeweg	1	2	-46.5	09-11-69		7				0.535			1.300	0.593			1.435	0.104



Well	Location	Screen	Formation	Depth m	Date	Temp °C	pH-Lab	pH-Field	EC-Lab µS/cm	Ec-Veld µS/cm	Cl mmol/l	Br mmol/l	CO3 <sup>2-</sup> mmol/l	HCO3 <sup>-</sup> mmol/l	SO4 <sup>2-</sup> mmol/l	NO3 <sup>-</sup> mmol/l	PO4-orth mmol/l	Na <sup>+</sup> mmol/l	K <sup>+</sup> mmol/l
4	Mudlake SURALCO	1	6	-32.7	15-03-95	26.6	6.3		18180		153.653			21.780				145.280	2.225
4570W	Kabc	1	2	-7.5	17-08-83		6.53		30		0.117			0.078				0.109	0.001
4570W	Kabc	1	2	-7.5	01-06-83		6.52		33		0.098			0.074	0.004	0.089		0.098	0.030
470	Lekding 9a	1	3	-77.6	01-06-72		7.9				2.877			3.100	1.749			2.435	0.191
471	Commetewane Kreek	1	2	-97.6	08-03-71		6.7				7.785		0.349	2.800	1.530			9.612	0.358
482	Rijsdijk Sour	2	2	-38.3	31-12-82	28	4.4		810		7.616			0.044	0.197	0.001	0.005	4.784	0.179
482	Rijsdijk Sour	1	2	-54.3	31-12-82	28	6.7		1100		9.732			1.213	0.583	0.001	0.003	8.916	0.237
482	Rijsdijk Sour	3	2	-15.3	31-12-82	28	6.5		570		4.936			0.983	0.083	0.001	0.004	3.436	0.163
488	Rijsdijk	1	2	-27.2	31-12-82	24.4	6.39		303		0.959			2.131	0.042		0.048	1.217	0.046
489	Rijsdijk	1	2	-38.8	31-12-82	27.5	5.95		392		3.554			1.039	0.216		0.002	2.957	0.048
407	Zorg en Hoop (Postoff.)	1	5	-157.3	05-11-71		6.9				4.710			1.500				4.480	0.168
417	Zorg en Hoop (SWCCS)	1	5	-154.7	11-11-71		6.8				3.921			1.400				3.871	0.148
427	Carolina	1	2	-9.7	23-11-70		6.4				0.253			0.400				0.195	0.102
5	Mudlake SURALCO	1	1	-14.8	15-03-95	26.6	7.1		10450		70.296			36.498				90.474	2.301
582	Rijsdijk	3	2	-16.2	31-12-82		5.9				1.805			0.754		0.001	0.200	1.565	0.204
582	Rijsdijk	1	2	-57.2	31-12-82		6.1				2.990			0.852		0.017	0.007	2.783	0.153
585	Rijsdijk	1	3	-93.9	31-12-82	22.9	5.76		520		4.259			1.319	0.975		0.003	3.697	0.117
590	Groningen	1	4	-136.0	26-07-95		5.52	6.85	2758	685	2.039			2.000	1.624	0.222		4.480	0.117
5400W	Kabc	1	2	-7.5	01-06-83		7.76		145		0.120			1.384	0.012	0.050		0.549	0.045
5400W	Kabc	1	2	-7.5	17-08-83		6.13		31		0.118			0.022	0.019	0.021		0.077	0.029
5400W	Kabc	1	2	-7.5	01-06-83		6.27		25		0.125			0.039	0.002	0.009		0.090	0.018
5400W	Kabc	1	2	-7.5	17-08-83		6.47		36		0.153			0.085		0.018		0.172	0.005
5400W	Kabc	1	2	-7.5	01-06-83		4.84		45		0.062			0.002	0.006	0.231		0.176	0.008
5500W	Kabc	1	2	-7.5	17-08-83		6.03		41		0.210			0.024		0.023		0.219	0.017
5500W	Kabc	1	2	-7.5	01-06-83		6.61		43		0.198			0.080	0.002	0.041		0.222	0.013
572	La Vigorantz	1	2	-23.4	01-03-72		6.5				15.796			2.200	0.197			15.963	0.230
582	Rijsdijk	1	2	-43.1	31-12-82	26	4.7		800		7.616			0.129	0.114	0.006	0.007	4.219	0.204
589	Rijsdijk	1	2	-36.9	31-12-90	27.2	5.61		1256		10.126			0.719	0.653		0.001	8.655	0.099
5.CEN	Kabc	1	2	-7.5	17-08-83		6.91		39		0.126			0.149	0.020			0.160	0.001
5.CEN	Kabc	1	2	-7.5	01-06-83		6.88		30		0.117			0.147	0.006			0.127	
6A	Mudlake SURALCO	1	6	-39.8	15-03-95	26.7	5.6		10090		108.716			3.372				73.945	1.432
72	Tijgerkreek	1	4	-100.0	15-07-72		7				2.877			4.800	2.915			11.570	0.161
78	Helen a Chrsonaweg	1	2	-51.5	20-07-95	27.2	6.53	6.34	797	698	4.400			0.721	1.239	0.012		3.736	0.184

Well	Location	Screen	Formation	Depth m	Date	Temp °C	pH-Lab	pH-Field	EC-Lab µS/cm	Ec-Veld µS/cm	Cl mmol/l	Br mmol/l	CO3 <sup>2-</sup> mmol/l	HCO3 <sup>-</sup> mmol/l	SO4 <sup>2-</sup> mmol/l	NO3 <sup>-</sup> mmol/l	PO4-orth mmol/l	Na <sup>+</sup> mmol/l	K <sup>+</sup> mmol/l
782	Rijsdijk	2	2	-22.4	31-12-82	28	6.5		760		6.629			0.688	0.218	0.001	0.005	3.871	0.184
782	Rijsdijk	1	2	-32.4	31-12-82	28	5.8		820		7.616			0.311	0.093	0.001	0.005	4.219	0.191
7A	Mudlake SURALCO	1	2	-39.5	15-03-95	26.9	6.2		17000		133.765			2.637				109.612	1.483
8	Mudlake SURALCO	1	1	-17.2	15-03-95	26.7	6.7		13570		112.496			25.786		0.008		113.092	2.058
872	Adhinweg	1	4	-114.0	11-04-72		6.7				8.603			0.800	0.270			6.263	0.148
882	Rijsdijk	1	2	-21.0	31-12-82	28	6.3		570		4.936			0.573	0.177	0.011	0.002	3.001	0.171
891	Béni Park	1	5	-174.2	16-07-95	31.5	7.13	6.56	1975	1677	14.753			2.655	0.622	0.001		10.874	0.312
BL1A.91	Blauwgrond	1	5	-177.2	27-06-95	34	6.95	6.4	1375	1368	9.506	0.0150		2.918	0.170	0.006		10.265	0.204
910	Zorg en Hoop	1	5	-157.5	06-12-80	30.5	6.98		440		4.795			1.196	0.104			4.219	0.230
93A.72	Livorno	1	5	-169.8	30-06-95	29.6	6.95	6.09	607	613	2.877			1.639	0.583	0.009		4.158	0.150
951	Zorg en Hoop	1	5	-157.5	06-12-80	31	7.01		840		9.224			1.344	0.052			7.525	0.306
9BS	Zanderij	1	2	-5.0		27.7	7.08	5.9	134	136	0.248			1.049	0.008	0.006	0.000	0.191	0.016
9MC 22	Koewarasan	1	4	-126.5	20-07-71		5.9				4.598		0.099	0.800	1.301			2.957	1.943
9MC 28	Alliance	1	4	-103.5	11-05-71		7.7				5.557		0.199	6.600	1.863			10.308	0.434
9MC 7	Meerzorg	1	5	-144.5	23-07-71		6.7				5.190		0.099	1.100	0.145			5.176	0.194
9MC D1	Kampong Baroe	1	4	-126.5	22-03-71		6.5				2.708		0.049	1.000	1.228			4.523	0.253
918	Highway (S. of Paranam	1	2	-14.3	31-12-90	27.1	5.5		66		0.366			0.329					0.007
91.2.90	airport Zanderij	2	2	-14.3	31-12-90	23.8	5.83		54		0.112			0.243	0.233		0.082	0.347	0.010
90Y	Hoy Kreek	1	2	-0.5	18-12-96	29.7	5.19	5.42	45	35	0.182			0.087	0.083	0.007		0.157	0.004
9HG	Kwatta weg	1	3	-76.0	26-07-95		6.3	6.2	3818	3530	33.229			2.147	2.436			15.963	0.465
9W1	Koewarasan	1	1	-1.2	20-02-97		7.21	8.1	5511		17.600			3.550	36.299	0.036		28.600	0.051
9W1	Koewarasan	1	1	-11.2	20-02-97		7.21	7.6			76.500			2.460	6.558	0.324	0.008	68.600	1.080
9W12	Koewarasan	1	1	-12.2	20-02-97		7.19	8.4	8320		82.000			3.390	2.339	0.026	0.002	55.600	0.961
9W15	Koewarasan	1	1	-16.2	20-02-97		8.7				89.900			5.229	0.212	0.002		66.000	1.130
9W17	Koewarasan	1	1	-17.2	20-02-97		7.16	8.2	6956		79.000			1.860	2.269	0.859	0.001	45.900	0.856
9W18	Koewarasan	1	1	-19.2	20-02-97		7.16	7.8			81.700			1.130	1.939	0.039	0.003	48.500	0.857
9W3	Koewarasan	1	0	-3.2	20-02-97		7.21	7.5	6875		30.800			6.260	41.500	0.025	0.020	41.500	0.860
9W9	Koewarasan	1	1	-9.2	20-02-97		7.12	8.2	7338		82.100			0.990	2.249	0.065		34.500	0.847
919	Leysweg	1	3	-84.0	17-12-96	28.1	6.1	6	1495	1490	9.860			0.931	1.829	0.003	0.005	5.179	0.315
910-140	Van Hattenweg west	3	3	-71.0	31-12-90	24.1	6.01		403		1.100			1.918	0.874		0.183	2.566	0.051
910-290	Van Hattenweg west	1	3	-74.5	31-12-90	25.2	5.84		290		1.184			1.180	0.288		0.003	1.478	0.046
915-90	Van Hattenweg west	1	2	-50.5	31-12-90	23.9	5.24		393		0.987			2.508	0.265		0.004	1.739	0.081
916-190	Van Hattenweg west	4	1	-4.8	31-12-90	24.9	5.58		300		0.100			0.100	0.000			0.100	0.000





Well	Location	Screen	Formation	Depth m	Date	Temp °C	pH-Lab	pH-Field	EC-Lab µS/cm	EC-Veld µS/cm	Cl mmol/l	Br mmol/l	CO <sub>3</sub> <sup>2-</sup> mmol/l	HCO <sub>3</sub> <sup>-</sup> mmol/l	SO <sub>4</sub> <sup>2-</sup> mmol/l	NO <sub>3</sub> <sup>-</sup> mmol/l	PO <sub>4</sub> -orm mmol/l	Na <sup>+</sup> mmol/l	K <sup>+</sup> mmol/l	
L16-190	Van Hattenweg west	3	2	-33.8	31-12-90	24.2	5.73		515		0.761				3.983	0.100		1.565	0.052	
L16-190	Van Hattenweg west	2	2	-57.5	31-12-90	24.3	5.51		499		0.930				3.836	0.076	0.001	1.739	0.052	
L20/90	Van Hattenweg west	1	1	-4.3	31-12-90	24.9	5.87		168		0.592				1.080	0.042		0.391	0.117	
L22-230	Sanilgron	1	3	-76.0	31-12-90	25.5	6.16		350		1.120				1.180	0.703	0.011	2.000	0.120	
L24-250	Van Hattenweg	1	3	-72.0	31-12-90	26.3	6.09		353		1.551				1.400	0.354	0.003	2.000		
L28/90	Spoil Area	1	2	-33.0	31-12-90	25.8	6.22		6		0.733				1.129	1.926	0.007	2.000	0.120	
L3-4/90	Van Hattenweg west	2	2	-29.3	31-12-90	26.6	6.2		437		0.733				2.901	0.510	0.003	1.261	0.166	
L5-6/90	Van Hattenweg west	1	2	-42.3	31-12-90	24.4	6.2		251		0.874				0.719	0.184	0.005	1.130	0.140	
L5A/79	Leysweg	1	5	-162.8	27-06-95	31	6.46	5.85	1185	1150	9.337				1.344	0.010	0.004	5.785	0.204	
L5C/80	Leysweg	1	3	-78.2	27-06-95	28.3	6.29	5.74	957	1003	4.654				1.278	1.749	0.022	3.179	0.224	
L6/80	Leysweg	1	3	-74.5	17-12-96	28	6.46	5.7	899	888	4.320				1.350	1.779	0.008	3.179	0.245	
L9-21/90	Sanilgron	2	2	-49.0	31-12-90	24.2	5.89		451		1.256				1.000	0.258	0.007	1.000		
L9-21/90	Sanilgron	1	3	-73.0	31-12-90	23.2	5.85		666		1.808				0.919	0.861	0.004	2.000	0.290	
LEL1	Leydorp	1	2	-40.5	17-12-96	26.9	7.09	6.13	303	283	0.662				1.450	0.500	0.003	1.239	0.124	
LEY-GR	Leysweg	1	2	0.5	31-12-90	29	6.2		1030		7.249				1.098	1.082	0.004	5.872	0.393	
LIO-GR	Livorno	1	5	0.5	31-12-90	30.5	6.3		520		2.284				1.114	0.624	0.037	3.827	0.136	
LIV-GR	Livorno	1	5	-147.5	17-12-80	30	6.71		440		3.667				1.295	0.562		4.132	0.230	
LVD	Kwattaweg	1	3	-85.0	08-08-95	28.5	6.03	6.37	1781	1600	11.875	0.0175			1.704	2.342		5.263	0.222	
MEL-GR	Melkcentrale	1	4	-127.5	05-03-71						5.049			0.299	0.100	1.530		4.697	0.291	
O10	Tambaredjo oil field	1	6	-288.5	03-01-97	35.7	7.15	6.5	1826	1911	11.500				5.590	0.414	0.001	14.700	0.291	
O4	Zorg en Hoop	1	5	-157.5	31-12-80	30.5	7		820		8.744				1.360	0.010		7.394	0.332	
O5	Zorg en Hoop	1	4	-122.0	15-02-72		6.2				2.313				1.500	0.708		3.523	0.179	
P2A	Zorg en Hoop	1	5	-157.5	02-12-80	29	6.74		750		5.782				0.918	1.186		5.176	0.383	
PAR-GR	Paranam	1	2	-27.5	07-10-71		5.5				0.366				0.500	0.052		0.304	0.102	
POM	Jonkermanskreek	1	4	-100.0	22-07-95	30.3	7.24	6.79	1238	1112	6.741				6.000	0.123	0.020	7.785	0.291	
PR06	Acaribo	1	2	-34.8	13-07-95	26.9	4.91	4.83	10660	10300	119.210				0.163	0.467	0.032	32.818	0.381	
PW1	Javaweg	1	2	-50.0	31-12-90	23.9	5.34		330		1.212				1.619	0.437	0.005	1.000		
PW2	Van Hattenweg	1	2	-55.0	31-12-90	24.4	6.18		192		0.592				1.100	0.270	0.001	1.000		
PW3	Einde Javaweg	1	2	-60.0	31-12-90	23.6	6.53		410		1.551				1.439	0.918		1.000		
R2	Republiek	1	2	-22.0		27.1	5.93	5.2	68	66	0.335				0.097	0.031	0.003	0.001	0.223	0.114
R27	Republiek	1	2	-22.0		27.2	5.77	4.73	62	49	0.299				0.084	0.026	0.010	0.000	0.207	0.220
R30	Republiek	1	2	-22.0		26.7	6.48	5.11	69	62	0.335				0.197	0.020	0.001	0.001	0.340	0.224
R5/87	Rijdsdijk	1	2	-19.0	15-06-87		6		160		0.400									

Well	Location	Screen	Formation	Depth m	Date	Temp °C	pH-Lab	pH-Field	EC-Lab µS/cm	EC-Veld µS/cm	Cl mmol/l	Br mmol/l	CO <sub>3</sub> <sup>2-</sup> mmol/l	HCO <sub>3</sub> <sup>-</sup> mmol/l	SO <sub>4</sub> <sup>2-</sup> mmol/l	NO <sub>3</sub> <sup>-</sup> mmol/l	PO <sub>4</sub> -orm mmol/l	Na <sup>+</sup> mmol/l	K <sup>+</sup> mmol/l
S1A/82	Zorg en Hoop	1	5	-166.9	27-06-95	30.5	6.55	5.95	1266	1272	9.675			1.770	0.002	0.085		8.307	0.207
SINI-GR	Sinabo	1	0	-4.0	09-12-80	26.5	7.63		200		0.310			2.655	0.041			3.091	0.175
SINII-GR	Sinabo	1	0	-4.0	09-12-80	27	7.67		210		0.310			2.655	0.041			3.173	0.175
SOM01	Tambaredjo oil field	1	6	-296.5	25-01-85						53.145			6.229	0.385			52.935	
SOM01	Tambaredjo oil field	1	6	-296.5	24-07-95	32	7.56	6.48	4814	4630	40.818	0.0688		7.409	0.433	0.003		39.625	0.242
SOM01	Tambaredjo oil field	1	6	-296.5	01-03-97	34.8	7.52		4347		36.700			7.590	0.094		0.001	33.902	0.455
SOM02	Tambaredjo oil field	1	6	-298.2	19-11-84						35.825			6.639	0.317			40.974	
SOM03	Tambaredjo oil field	1	6	-294.1	19-11-84						23.977			6.229	0.159			29.317	
SOM04	Tambaredjo oil field	1	6	-299.0	28-11-84						37.940			6.245	0.052			45.902	
SOM04	Tambaredjo oil field	1	6	-299.0	21-12-84						37.545			8.049	0.551			36.972	
SOM05	Tambaredjo oil field	1	6	-298.7	12-02-85						36.614			5.573	0.333			32.167	
SOM06	Tambaredjo oil field	1	6	-300.0	28-11-84						50.803			6.819	0.593			54.311	
SOM06	Tambaredjo oil field	1	6	-300.0	25-01-85						49.506			6.311	0.217			52.196	
SOM09	Tambaredjo oil field	1	6	-299.4	12-02-85						6.205			3.950	4.258			12.222	
SOM10	Tambaredjo oil field	1	6	-296.5	28-02-85						34.894			6.459	0.120			31.361	
SOM11	Tambaredjo oil field	1	6	-297.8	28-12-85						40.507			6.885	0.143			37.622	
SOM12	Tambaredjo oil field	1	6	-293.9	19-11-84						27.785			6.295	0.508			35.522	
SOM13	Tambaredjo oil field	1	6	-295.6	19-11-84						36.953		0.033	5.819	0.055			41.000	
SOM16	Tambaredjo oil field	1	6	-298.8	28-11-84						11.311			4.885	0.370			13.614	
SOM16	Tambaredjo oil field	1	6	-298.8	25-01-85						11.678			6.409	0.304			12.482	
SOM18	Tambaredjo oil field	1	6	-301.7	28-11-84						32.891			6.442	0.348			38.580	
SOM22	Tambaredjo oil field	1	6	-296.1	28-02-85						12.270			5.491	2.500			15.149	
SOM-W1	Tambaredjo oil field	1	6	-294.2	28-02-85						4.795			3.950	4.595			11.106	
SWM	Leydorp	1	2	-63.9	25-04-29			6			1.692			0.426					
T1A	Zorg en Hoop	1	5	-157.5	06-12-80	31	6.99		850		9.026			1.508	0.220			8.002	0.332
T2C/91	Zorg en Hoop	1	4	-122.0	28-06-95	28.9	5.95	5.95	1606	1793	11.706			0.737	0.353	0.001		6.588	1.258
T31	Meerzorg	1	5	-152.5	16-12-80	30	6.36		770		9.590			0.213	0.362			6.222	0.434
TA05	La Prevoyance	1	6	-307.5	28-11-84						81.833			9.098	0.496			72.509	
TAMI-GR	Tamenredjo	1	1	-4.0	09-12-80	29	7.48		310		0.959			2.393	0.406			0.869	0.356
TAMII-GR	Tamenredjo	1	1	-4.0	09-12-80	27.5	7.56		300		1.015			2.393	0.333			1.087	0.358
TLE5	Leydorp	1	2	-37.5	16-07-95	27.1	5.08	6.03	1836	1818	16.163			0.131	0.148	0.001		8.254	0.294
TO1	Tourtonne	1	0	-1.2	13-02-97		7.25	7.7	15390		159.000			20.570	3.869	0.080	0.048	134.000	0.190
TO11	Tourtonne	1	0	-11.2	13-02-97		7.25	7.8	35000		457.000			20.030	2.701	0.079	0.051	368.000	0.250



Well	Location	Screen	Formation	Depth m	Date	Temp °C	pH-Lab	pH-Fld	EC-Lab µS/cm	Ec-Veld µS/cm	Cl <sup>-</sup> mmol/l	Br <sup>-</sup> mmol/l	CO <sub>3</sub> <sup>2-</sup> mmol/l	HCO <sub>3</sub> <sup>-</sup> mmol/l	SO <sub>4</sub> <sup>2-</sup> mmol/l	NO <sub>3</sub> <sup>-</sup> mmol/l	PO <sub>4</sub> -orth mmol/l	Na <sup>+</sup> mmol/l	K <sup>+</sup> mmol/l	
TO13	Tourtonne	1	0	-13.2	13-02-97		7.25	7.6	34700		473.000			19.930	0.461	0.101	0.052	355.000	7.000	
TO15	Tourtonne	1	0	-15.2	13-02-97		7.25	7.6	34050		443.000			18.210	0.568	0.097	0.031	306.000	5.980	
TO17	Tourtonne	1	0	-17.2	13-02-97		7.25	7.7	32460		448.000			16.920	0.559	0.141	0.058	318.000	6.370	
TO19	Tourtonne	1	0	-19.2	13-02-97		7.25	7.5	31020		405.000			15.160	0.989	0.131	0.056	324.000	5.450	
TC21	Tourtonne	1	0	-21.2	13-02-97		7.25	7.6	29980		377.000			12.760	1.779	0.045	0.045	299.000	5.760	
TC23	Tourtonne	1	0	-23.2	13-02-97		7.25	7.5	28700		347.000			14.570	0.625	0.026	0.117	305.000	4.490	
TC25	Tourtonne	1	0	-25.2	13-02-97		7.25	7.6	27250		341.000			14.480	0.550	0.029	0.037	323.140	4.450	
TC3	Tourtonne	1	0	-3.2	13-02-97		7.31	8.2	14980		143.000			17.120	4.379	0.079	0.160	138.000	3.070	
TC5	Tourtonne	1	0	-5.2	13-02-97			8.6			136.000				8.439	0.048	0.026	136.000	3.990	
TC7	Tourtonne	1	0	-7.2	13-02-97		7.24	7.6	33530		426.000			18.390	0.379	0.106	0.089	335.000	5.710	
TC9	Tourtonne	1	0	-9.2	13-02-97		7.29	7.7	35380		498.000			18.510	1.019	0.067	0.075	349.000	7.420	
TT491	Tourtonne	1	5	-184.5	17-12-96	32.9	7.07	6.2	1106	1120	7.029			2.720	0.089	0.009		8.279	0.218	
TT491	Tourtonne	1	5	-184.5	30-06-95	31.3	7.33	6.37	1138	1236	7.559			3.000	0.058			8.046	0.187	
W2	Tambaredjo ol. field	1	6	-299.0	03-01-97	34	7.55	6.58	1437	1425	8.920			5.600	0.063		0.002	11.700	0.266	
W*	Zorg en Hoop	1	5	-157.5	06-12-80	31	7.03		540		5.359			1.442	0.166			5.263	0.230	
W-10	Paranam	1	2	-30.0	20-03-95	27.7	6.53		99		0.483			0.149		0.009		0.500	0.018	
W-3A	Paranam	1	2	-30.0	20-03-95	26.9	6.57		117		0.593			0.237				0.643	0.020	
W-8A	Paranam	1	2	-30.0	20-03-95	28.2	6.49		122		0.753			0.178				0.674	0.018	
WWCS	Tambaredjo ol. field	1	4	-107.0	24-07-95	30.5	6.97	6.5	1674	1610	4.541			3.737	4.779	0.604		10.265	0.416	
WWSM	Tambaredjo ol. field	1	5	-155.5	24-07-95	30.1	7.43	6.98	910	801	1.906			4.065	1.822	0.161		6.437	0.248	
ZCR-GF	Zorg en Hoop	1	5	0.5	15-02-72		6.2				2.313			1.500	0.708			3.523	0.179	
ZCR-GF	Zorg en Hoop	1	5	0.5	31-12-82	31	6.2		940		7.503			1.262	0.145	0.037		6.785	0.281	
ZV-29C	Verkinderen	1	2	-34.3	31-12-90	23.6	6.44		720		7.165			1.200	0.134		0.011	7.916	0.173	
ZV1-29C	Verkinderen	2	2	-12.3	25-08-95	32.3	6.54	6.03	80	80	0.136	0.0003		0.644	0.016	0.003	0.004	0.170	0.017	
ZV1-29C	Verkinderen	1	2	-34.3	25-08-95	32.1	7.14	7.05	1019	1017	6.420	0.0119		2.880	0.036	0.008	0.022	6.819	0.235	
ZV387	Marta	1	2	-14.0	14-04-87	25	6		130		0.400									
Samples with incomplete analyses and electro-neutrality error > 10 %																				
0-500	Kabo	1	2	-7.5	01-06-83		3.84		89		0.040				0.009	0.299		0.028	0.029	
0200W	Kabo	1	2	-7.5	01-06-83		6		16		0.032			0.022	0.015	0.021		0.037	0.009	
0-000	Kabo	1	2	-7.5	01-06-83		5.95		24		0.103			0.021	0.023	0.005		0.087	0.004	
159	Stikslust	1	3	-87.2	6/11/1971		8.1				4.231			0.100	2.019			3.740	2.838	
159	Stikslust	2	2	-62.5	6/11/1971						5.190				2.061					
159	Stikslust	3	2	-43.7	6/11/1971						17.884				1.999					

Well	Location	Screen	Formation	Depth m	Date	Temp °C	pH-Lab	pH-Fld	EC-Lab µS/cm	Ec-Veld µS/cm	Cl <sup>-</sup> mmol/l	Br <sup>-</sup> mmol/l	CO <sub>3</sub> <sup>2-</sup> mmol/l	HCO <sub>3</sub> <sup>-</sup> mmol/l	SO <sub>4</sub> <sup>2-</sup> mmol/l	NO <sub>3</sub> <sup>-</sup> mmol/l	PO <sub>4</sub> -orth mmol/l	Na <sup>+</sup> mmol/l	K <sup>+</sup> mmol/l	
170	Tout Lui Faut	1	5	-143.9	30-06-71						3.864									
132	Haarlem	1	4	-111.0	31-12-82	28	6.2		1500		0.705			3.278	0.187	0.001	0.007	22.183	0.332	
182	Haarlem	3	2	-47.0	31-12-82	28	6.7		250		0.507			1.803	0.010	0.001	0.055	2.914	0.109	
1000 N	Republiek	1	2	-11.6	28-02-30		5.5				0.169									
1000 S	Republiek	1	2	-8.6	19-03-30		5				0.169									
1172	Mainroad/Coropina Cr.	1	2	-16.5	25-04-72		6							0.200				1.609	0.104	
1371	Worko West	1	3	-79.4	09-12-80	27	7.31		780		5.641			2.655	0.864			4.915	0.537	
1371	Worko West	1	3	-79.4	28-07-71						5.641			1.100	1.665					
1472	Rijsdijk	1	2	-34.5	02-08-72		8.1				0.451		0.024	1.500				0.652	0.102	
1571	Rijsdijk	1	2	-19.9	09-07-71						0.789			0.800	0.083					
1500 W	Republiek	1	2	-15.7	03-02-30		5				0.143									
269	Houttuin	2	2	-27.1	02-06-71						35.937				0.708					
270	Groningen	1	4	-132.9	20-07-71		6.4				2.228		0.049	1.600				5.089	0.230	
270	Groningen	2	3	-85.4	20-07-71						64.880									
272	Pierre Kondre	1	2	15.9	18-02-72		4.3							0.200				0.160	0.104	
285	Rijsdijk	1	2	-42.8	31-12-90	27.3	6.05		125		1.410			0.560	0.121		0.002	0.739	0.020	
2289	Sooll Area	1	3	-66.8	31-12-90	27	6.5		950		2.002			2.295	0.056			1.522	0.145	
2472	Cobitie	1	2	-10.0	22-08-72		6						1.499					0.347	0.102	
2871	De Craneweg	1	2	-43.2	26-08-71		5.7				1.071			0.900	0.270			1.522	0.102	
3	Mudlake SURALCO	1	1	-9.4	15-03-95	27.3	6.5		2510		6.713			5.316				13.049	0.654	
370	Tamanredjo	1	2	-23.7	03-08-71		8.3				24.005				1.436					
371	Rijsdijk	3	2	-29.0	19-04-71		8				0.789		0.099	1.500	0.052			0.565	0.102	
388	Rijsdijk	1	3	-68.2	31-12-90	23.9	6.52		492		1.438			1.409				2.696	0.076	
3071	Caroline	1	2	-0.9	27-09-71		6				0.620			0.300	0.270			5.654	0.281	
3271	De Craneweg	1	2	-49.0	08-10-71		6.9				0.761			1.600	0.697			1.478	0.102	
3471	Carolina	1	2	-0.1	22-10-71		5.4				0.112			0.100	0.104			0.130	0.102	
3971	Powakka	1	2	3.0	05-11-71		6.4				6.544			1.700	0.104					
4670W	Kabo	1	2	-7.5	04-06-81		7.51		108		0.150			0.766	0.005			0.371	0.016	
4471	Sidodadeweg	1	2	-40.7	30-12-71		6.5				0.479			1.400	0.593			1.304	0.127	
4871	Powakka West	1	2	9.1	29-12-71		5.1				0.169			0.100				0.287	0.104	
4871	Powakka West	1	2	9.1	31-12-90	24.8	5.45		24		0.187			0.120			0.001			



Well	Location	Screen	Formation	Depth m	Date	Temp °C	pH-Lab	pH-Field	EC-Lab μS/cm	EC-Field μS/cm	Cl mmol/l	Br mmol/l	CO <sub>3</sub> <sup>2-</sup> mmol/l	HCO <sub>3</sub> <sup>-</sup> mmol/l	SO <sub>4</sub> <sup>2-</sup> mmol/l	NO <sub>3</sub> <sup>-</sup> mmol/l	PO <sub>4</sub> -orth mmol/l	Na <sup>+</sup> mmol/l	K <sup>+</sup> mmol/l
5/82	North of Coropina Cr.	2	2	-32.2	10-12-82		5.7				1.523			0.459		0.003	0.027	1.391	0.79
500 SW	Republiek	1	2	-13.3	28-02-30		5.5				0.409								
6/70	Meerzorg	1	6	-226.9	09-10-70		7				11.283				0.333				
6/71	Zanderij Matta	1	2	-2.4	02-08-71		5.4				0.211			0.400	0.031				
7/71	Zanderij Matta	1	2	5.9	02-08-71		3.7				0.930			0.300				0.130	0.02
8/70	Magenta-Weigedacht C	1	5	-125.1	31-12-70		6.5				2.905		0.199	1.200	0.218			4.201	0.47
8/70 ?	Koewarasan	1	5	-125.1	07-07-95	29.6	7.36	5.84	1011	860	6.375		0.199	3.196	0.017	0.006			
9/70	Morkoo	1	4	-108.2	31-12-70		6.9				5.782		0.199	3.900	1.239		0.001		
9/71	Matta	1	2	-6.3	31-12-90	25.8	5.02			35	0.310			0.550				0.521	0.02
BILL-GR	Billiton	1	2	-22.5	08-10-71		6				0.535			0.200				0.521	0.02
BVB	Beilijn (Bron)	1	2	-0.5		26.1	5.25	4.51	40	19	0.138				0.009	0.035	0.000	0.061	0.01
BVC	Carolina (Bron)	1	2	-0.5		28.7	4.53	3.87	40	23	0.096				0.053	0.008	0.000	0.080	0.005
C6	Cacutta	1	6	-197.5	15-01-72		8.7				2.905		0.199	5.000	0.031			1.478	0.91
CENTRE	Republiek	1	2	-10.6	13-10-71		5.6				0.169			0.100	0.156			0.260	0.02
GMD 37	Santa Borna	1	4	-133.5	29-08-70		6.9				1.974			0.728					
H1/87	Highway (S. of Paranam)	1	2	-14.3	07-07-87		6			150	0.600								
H1-2/90	Alrport Zanderij	1	2	-24.3	31-12-90	26.5	5.4			44	0.141			0.280	0.232		0.037	1.652	1.012
H17	Tamanredjo	1	6	-276.0	03-01-97	34.5	7.51	6.7	3337	3290	26.300			7.880	0.385		0.002	24.300	1.371
H2/87	Highway (S. of Paranam)	1	2	-16.5	15-04-87		6			90	0.401						0.007	2.278	1.033
H3/87	Highway (S. of Paranam)	1	2	-12.8	31-12-90	26.8	6.59			213	0.592			0.890					
H3/87	Highway (S. of Paranam)	1	2	-12.8	15-04-87		6.3			220	0.600								
H3/90	Highway (S. of Paranam)	1	2	-8.8	31-12-90	24.9	6.4			272	0.959			1.655	0.706		0.001	2.044	1.089
H4/87	Highway (S. of Paranam)	1	2	-40.0	12-05-87		6			420	3.404								
H4-5/90	Highway (S. of Paranam)	1	2	-27.3	31-12-90	26.4	4.55			80	0.225			0.419	0.106		0.001	1.000	
H4-5/90	Highway (S. of Paranam)	2	2	-12.3	31-12-90	26.3	5.14			100	0.225			0.750	0.259		0.001		
H5/87	Highway (S. of Paranam)	1	2	-16.0	12-05-87		6			40	0.400								
H6/87	Highway (S. of Paranam)	1	2	-16.0	15-04-87		6			85	0.400								
HP1/87	Highway (S. of Paranam)	1	2	-17.8	13-04-87	25.6	6				0.400			0.300		0.002	0.004	0.542	1.359
KW6	Koewarasan	1	0	-6.2	20-02-97		7.2	8.6			61.400			3.950	16.599	0.040	0.069	62.800	1.470
L10-14/0	Van Hattemweg West	1	4	-105.0	31-12-90	24.8	6.62			453	0.874			3.180	0.265		0.003	4.175	1.081
L10-14/0	Van Hattemweg West	2	3	-91.0	31-12-90	24.6	6.54			449	0.959			2.639	0.372		0.366	4.001	1.075
L10-14/0	Van Hattemweg West	4	2	-58.0	31-12-90	25.2	6.33			421	0.846			2.524	0.306		0.329	3.392	1.071
L10-14/0	Van Hattemweg West	5	2	-34.0	31-12-90	24.2	6.18			255	0.592			1.803	0.250		0.054	0.739	1.025

Well	Location	Screen	Formation	Depth m	Date	Temp °C	pH-Lab	pH-Field	EC-Lab μS/cm	EC-Field μS/cm	Cl mmol/l	Br mmol/l	CO <sub>3</sub> <sup>2-</sup> mmol/l	HCO <sub>3</sub> <sup>-</sup> mmol/l	SO <sub>4</sub> <sup>2-</sup> mmol/l	NO <sub>3</sub> <sup>-</sup> mmol/l	PO <sub>4</sub> -orth mmol/l	Na <sup>+</sup> mmol/l	K <sup>+</sup> mmol/l
L16-19/0	Van Hattemweg West	1	3	-78.0	31-12-90	24.8	5.67		900		0.169			0.557	0.142			1.000	1.200
L22-23/0	Santigron	2	2	-44.0	31-12-90	24.9	6.28		375		0.959			2.377	1.435			1.218	2.200
L24-25/0	Van Hattemweg	2	2	-39.0	31-12-90	25.9	6.19		334		1.156			1.704	0.392			1.004	1.000
L26-27/0	Indihra Ghand weg	2	2	-36.0	31-12-90	23.1	6.39		183		1.410			0.071	2.518	0.005		1.001	
L26-27/0	Indihra Ghand weg	1	2	-59.0	31-12-90	22.8	6.07		149		1.692			0.070	1.201	0.001		1.001	
L3-4/90	Van Hattemweg	1	2	-61.7	31-12-90	25.7	6.02		305		1.184			1.560	0.021			1.004	2.144
L7-8/90	Van Hattemweg West	2	2	-36.3	31-12-90	24.9	6.32		268		0.874			0.639	0.185			1.025	
O21	Tambaredjo oil field	1	6	-300.5	03-01-97	34.4	7.2	6.5	3903	4140	31.900			8.140	0.096		0.002	28.100	1.425
R14	Republiek	1	2	-22.0		27.1	5.05	4.61	54	48	0.146			0.034	0.049	0.003	1.001	0.57	0.015
R19	Republiek	1	2	-22.0		27.1	6.1	5.3	47	43	0.203			0.38	0.044	0.005	1.001	0.10	0.045
R2/87	Rijsdijk	1	2	-36.5	10-05-87		6		157		13.018								
R3/87	Rijsdijk	1	2	-32.5	10-05-87		6.1		185		0.400								
R7	Republiek	1	2	-22.5	18-12-96	26.7	6.51	5.3	44	26	0.198			0.241	0.057	0.007		0.145	
REP-GR	Republiek	1	2	0.5	31-12-82	26	5.6		44		0.112			0.144	0.052			0.297	1.000
RP1/87	Rijsdijk	1	2	-32.5	03-08-87	26.2	6.41				0.400			0.295		0.001	0.006	0.556	0.055
SL1/87	Railroad (N. of Republic)	1	2	-13.0	13-05-87		6				1.001								
SL2/87	Railroad (N. of Republic)	1	2	-16.0	13-05-87		6.1		480		2.803								
SL3/87	Railroad (N. of Republic)	1	2	-24.0	31-12-90	25.2	6.46		295		1.297			1.770	0.032		0.010	1.313	1.061
SL3/87	Railroad (N. of Republic)	1	2	-24.0	13-05-87		6		340		1.401								
SOM07	Tambaredjo oil field	1	6	-292.0	19-11-84						8.236			4.639	0.610			2.144	
SW3	Van Hattemweg	1	1	-4.5	31-12-90	23.8	5.4		108		0.338			0.290	0.105	0.001	1.001		1.000
SWM	Lelydorp	3	2	-30.3	06-04-29		6.5				0.220								
SWM	Lelydorp	2	2	-48.5	22-04-29		6.5				0.818				0.124				
T-6	Paranam	1	2	-29.5	20-03-95	26.6	5.9		480		0.163			1.309				2.292	0.071
ZV1/87	Matta	1	2	-18.0	14-04-87		6		85		0.400								
ZV1/87	Matta	1	2	-18.0	31-12-90	26.4	5.64		38		0.253			1.137					
ZV1-2/90	Vierkinderen	2	2	-12.3	31-12-90	26.6	5.28		60		0.338			1.380	1.30		0.024	0.695	0.017
ZV2/87	Matta East	1	2	-19.0	09-05-87		6		45		0.400								
ZV3/87	Matta	1	2	-18.0	31-12-90	26.8	5.41		68		0.535			1.239				0.247	1.020
ZV3/87	Matta	1	2	-18.0	08-07-87		6		95		0.600								
ZV4/87	Matta	1	2	-13.0	14-04-87		6		70		0.400								
ZV6/87	Matta	1	2	-30.0	14-04-87		6		90		0.400								
ZVP1/87	Matta	1	2	-18.3	19-08-87	25.5	5.22				0.200			0.213			1.001	0.234	0.185



Well	Location	Screen	Formation	Depth m	Date	Temp °C	pH-Lab	pH-Fld	EC-Lab µS/cm	EC-Veld µS/cm	Cl mmol/l	Br mmol/l	CO <sub>3</sub> <sup>2-</sup> mmol/l	HCO <sub>3</sub> <sup>-</sup> mmol/l	SO <sub>4</sub> <sup>2-</sup> mmol/l	NO <sub>3</sub> <sup>-</sup> mmol/l	PO <sub>4</sub> -orth mmol/l	Na <sup>+</sup> mmol/l	K <sup>+</sup> mmol/l
VPI/87	Matta	1	2	-18.3	22-04-87	25	6				0.400			0.200	0.095		0.001	0.177	0.014
Samples with only isotope analyses																			
572	Rijsdijk	1	2	-30.5	10-07-72														
500 W	Republiek	1	2	-15.7	10-07-72														
572	Rijsdijk South	1	1	-22.0	27-07-72														
372	Rijsdijk East	1	2	-38.5	18-07-72														
2072	Rijsdijk East	1	2	-31.5	18-07-72														
2172	Rijsdijk East	1	1	-18.5	18-07-72														
582	Meursweg	1	3	-68.0	31-12-90														
589	Rijsdijk North	1	3	-66.0	31-12-90														
591	Helena Christnaweg	1	5	-134.0	31-12-90														
571	Zander's Matta	1	2	5.9	14-07-72														
571	Matta	1	2	-6.3	14-07-72														
ALL-GP	Alliance	1	4	-105.5	11-05-71														
311-GP2	Onverdacht	1	2	-32.5	08-10-71														
311-GP2	Onverdacht	1	2	-32.5	29-03-72														
3MD-1E	Utmugt	1	5	-159.2	22-03-72														
3MD-2	Kampong Baroe	1	4	-126.2	19-10-71														
W7.5	Koewarasan	1	1	-7.7	15-12-96														
1990	Van Haterweg West	1	1	-4.3	31-12-90														
586	Leysweg	1	5	-163.0	31-12-90														
5A/B0	Leysweg	1	5	-163.0	31-12-90														
PAR-5	Paranam	1	2	-25.5	07-10-71														
PAR-7	Paranam	1	2	-25.5	07-10-71														
REP-GP	Republiek	1	2	0.5	07-10-71														
REP-TCT	Republiek	1	2	-20.0	13-10-71														
REP-TCT	Republiek	1	2	-20.0	12-07-72														
EW4	Van Haterweg	1	1	-4.5	31-12-90														

Well	Ca <sup>2+</sup> mmol/l	Mg <sup>2+</sup> mmol/l	Sr <sup>2+</sup> mmol/l	Fe-tot mmol/l	Mn-tot mmol/l	Al-tot mmol/l	NH <sub>4</sub> <sup>+</sup> mmol/l	SiO <sub>2</sub> mmol/l	CO <sub>2</sub> mmol/l	TIC-Cal mmol/l	Σ-Anions mmol/l	Σ-Kations mmol/l	Error %	δ <sup>18</sup> O ‰	δ <sup>2</sup> H ‰	δ <sup>13</sup> C ‰	<sup>14</sup> C ‰(pmc)	<sup>3</sup> H TU	δ <sup>37</sup> Cl ‰	<sup>87</sup> Sr/ <sup>86</sup> Sr
Samples with analyses of all macroions and electro-neutrality error < 10 %																				
0/2000	0.096	0.065		0.004	0.002			0.046		0.074	0.466	0.486	-2.10							
0/2000	0.012	0.016		0.002	0.001			0.011		0.100	0.183	0.179	1.10							
0/2000W	0.011	0.013		0.003	0.002			0.053		0.039	0.141	0.170	-9.33							
0/2800	0.010	0.012		0.003	0.002			0.008		0.039	0.183	0.187	-1.08							
0/2800	0.008	0.008		0.002	0.001			0.008		0.129	0.199	0.178	5.57							
0/4000	0.012	0.017		0.004	0.002		0.002	0.113		0.092	0.179	0.203	-6.28							
0/4000W	0.003	0.027		0.003	0.001			0.074		0.128	0.469	0.416	5.99							
0/4000W	0.015	0.021		0.004	0.002			0.099		1.282	0.362	0.315	6.94							
0/6000	0.026	0.007		0.003	0.002		0.002	0.015		0.101	0.170	0.176	-1.73							
0/6000	0.015	0.011		0.002	0.001		0.001	0.052		0.114	0.300	0.272	4.90							
0/7000W	0.015	0.012		0.005	0.002			0.206		0.129	0.242	0.262	-3.97							
0/7000W	0.008	0.019		0.002	0.001			0.042		0.061	0.169	0.171	-0.59							
0/9000W	0.010	0.008		0.004	0.002			0.050		0.021	0.255	0.258	-0.59							
0/9000W	0.019	0.020		0.002	0.001			0.060		0.085	0.515	0.457	5.97							
1/72	0.149	0.329		0.071	0.003					1.832	2.359	2.423	-1.34							
1/76	0.149	0.411		0.078					0.204	1.548	5.061	5.246	-1.79							
1/82	0.192	0.246		0.062	0.005		0.017	0.199	0.136	2.585	3.673	3.979	-4.00	-2.55	-10.3					
1/82	1.120	1.893		0.200	0.018		0.034	0.470		3.362	21.015	20.805	0.50							
1/88	0.204	0.380		0.080	0.003		0.041	0.188	2.204	3.162	2.856	3.093	-3.98	-2.77						
10/70	0.374	0.905		0.180						2.731	11.391	12.786	-5.77							
10/71	0.299	1.358		0.268	0.003					2.204	8.336	9.917	-8.66							
10/71	0.374	0.905		0.180						2.749	11.391	12.786	-5.77	-2.80					1.7	
11	0.147	0.493		0.118	0.004	0.003		0.324		4.681	8.203	8.048	0.95							
11/73	0.149	0.534		0.084					0.136	1.630	5.723	5.983	-2.22							
12	0.471	1.810		0.358	0.003	0.003		0.214		7.183	23.584	23.556	0.06							
12/72	0.149	0.411		0.039	0.008					1.492	6.122	6.796	-5.22							
13	0.339	2.204				0.003				28.951	58.998	50.205	8.05							
13/72	0.189	0.177		0.076	0.007		0.016	0.267	2.022	4.243	2.385	1.997	8.85	-2.80						0.6
14	0.955	1.316				0.003				15.533	25.999	25.578	0.82							
14/72	1.167	0.079		0.001	0.001		0.016	0.277	0.659	2.803	4.000	4.000	0.00							





Well	Ca <sup>2+</sup> mmol/l	Mg <sup>2+</sup> mmol/l	Sr <sup>2+</sup> mmol/l	Fe-tot mmol/l	Mn-tot mmol/l	Al-tot mmol/l	NH4 <sup>+</sup> mmol/l	SiO2 mmol/l	CO2 mmol/l	TIC-Cal mmol/l	Σ-Anions mmol/l	Σ-Cations mmol/l	Error %	δ <sup>18</sup> O ‰	δ <sup>2</sup> H ‰	δ <sup>13</sup> C ‰	<sup>14</sup> C %(pmc)	<sup>3</sup> H TU	δ <sup>37</sup> Cl ‰	<sup>87</sup> Sr/ <sup>86</sup> Sr
15	0.818	2.469				0.003				17.661	38.237	39.400	-1.50							
16/71	0.149	0.576		0.256	0.007					2.904	6.706	7.331	-4.45							
17/71	1.472	4.238		0.089	0.040					1.408	20.171	19.844	0.82	-2.60		-18.10	16.8	2.3		
18/89	0.239	0.207		0.116	0.036		0.027	0.369	1.522	0.751	3.628	4.190	-7.19							
2/69	0.174	0.781		0.130	0.001					1.553	6.511	6.718	-1.56	-3.10		-21.60	9	1.5		
2/87	0.738	1.609		0.209	0.011	0.001	0.052			4.615	8.443	7.803	3.94	-2.54	-11.8	-15.43				
21/71	0.548	0.946		0.039						2.677	4.675	5.040	-3.76							
21/73	0.229	1.255		0.177	0.009		0.038	0.277	2.681	2.406	6.666	5.986	5.37							
22/71	2.844	6.090		0.537	0.058					5.235	52.320	55.265	-2.74							
22/72	0.299	0.370		0.039						1.652	2.068	2.300	-5.31							
23/71	0.299	0.452		0.119	0.001					5.000	3.305	3.706	-5.72	-2.70		-16.40	-18.9			
25/71	0.174	0.288		0.053						1.130	2.340	2.592	-5.11							
25/72	0.105	0.251		0.023	0.001	0.002	0.072			3.747	3.824	3.460	5.00	-3.00	-13.6	-19.07	7.6			
25/72	0.149	0.370		0.012	0.001					1.704	3.956	3.384	7.79							
26/71	0.099	0.164		0.161	0.005					4.295	1.852	1.952	-2.63							
29/71	0.873	0.576		0.007	0.007					0.878	3.779	4.375	-7.31			-17.76	21.2			
3/71	0.159	0.246		0.044	0.001					1.237	2.722	2.702	0.37	-2.70						
3/71	0.129	0.197		0.096	0.003		0.003	0.216	0.840	2.180	2.208	1.927	6.80	-2.80		-19.20	57.9	2.3		
3/71	0.062	0.465		0.089	0.002					2.968	7.075	7.179	-0.73							
3/82	0.135	0.209		0.119	0.003		0.017	0.538		2.506	3.065	2.521	9.74	-2.90	-13.9	-16.10	55.4	0.1		
3/82	2.744	6.502		0.383	0.205	0.005	0.110	0.591		1.561	58.728	55.531	2.80	-2.93	-12.4	-15.25	19.2			
3/91	0.147	0.507	0.002	0.097	0.004	0.003	0.053			6.076	5.059	4.965	0.94	-2.37	-12.8	-19.68	20.5		-0.096	
3/91	0.144	0.440		0.078	0.002	0.001	0.047	0.536		5.375	5.568	4.934	6.04	-2.79	-14.3	-20.42	15.2			1.716E7
3/93	0.596	3.139		0.216	0.019	0.001	0.088	0.680		7.161	13.500	12.021	5.80	-2.75	-12.6	-16.23	14.8			1.103E8
31/71	0.087	1.028		0.032	0.007					1.096	4.534	4.934	-4.22	-2.60		-18.80	17			
31/71	0.610	2.570	0.006	0.443	0.028	0.010	0.089	0.793		0.893	11.428	12.240	-3.43	-2.58	-12.0	-10.85	20.82			
31/71	0.251	2.502		0.463	0.024	0.001	0.094			2.954	12.719	11.582	4.68	-2.62	-12.9	-18.09				
31/82	1.067	2.168		0.222	0.015	0.001	0.077			3.380	10.137	10.058	0.39	-2.43	-8.9	-14.00	16.9			1.709E5
31/82	1.069	2.120	0.006	0.241	0.020	0.017	0.048	0.936		4.273	10.179	9.804	1.88	-2.20	-11.6	-13.95				-3.571
33/71	1.122	3.662		0.048	0.005					0.742	15.639	15.515	0.40							
35/71	0.374	0.740		0.014	0.007					1.980	4.199	3.894	3.77	-3.20						
36/71	0.199	0.534		0.094	0.003					1.825	6.759	6.667	0.69	-3.30		-19.30	20.3	0.6		
38/71	0.232	0.473		0.005						1.563	3.021	2.959	1.04							

Well	Ca <sup>2+</sup> mmol/l	Mg <sup>2+</sup> mmol/l	Sr <sup>2+</sup> mmol/l	Fe-tot mmol/l	Mn-tot mmol/l	Al-tot mmol/l	NH4 <sup>+</sup> mmol/l	SiO2 mmol/l	CO2 mmol/l	TIC-Cal mmol/l	Σ-Anions mmol/l	Σ-Cations mmol/l	Error %	δ <sup>18</sup> O ‰	δ <sup>2</sup> H ‰	δ <sup>13</sup> C ‰	<sup>14</sup> C %(pmc)	<sup>3</sup> H TU	δ <sup>37</sup> Cl ‰	<sup>87</sup> Sr/ <sup>86</sup> Sr	
4	1.571	13.168		0.150	0.002	0.003		0.819		37.860	175.433	177.287	-0.53								
4/670W	0.022	0.013		0.004	0.002		0.015	0.032		0.128	0.195	0.204	-2.26								
4/670W	0.022	0.022		0.002	0.001		0.016			0.123	0.269	0.236	6.53								
4/70	1.097	2.469		0.286	0.020					3.095	9.475	10.370	-4.51	-2.50		-17.60	17				
4/71	0.523	1.440		0.143	0.009					4.795	14.343	14.200	0.50								
4/82	0.424	0.905		0.137	0.012		0.045	0.019	3.272	6.828	8.055	7.964	0.57								
4/82	0.449	0.781		0.005	0.007		0.037	0.126	0.522	1.675	12.112	11.674	1.84								
4/82	0.399	0.699		0.017	0.004		0.002	0.151	0.590	1.594	6.086	5.839	2.07								
4/88	0.299	0.563		0.070	0.010		0.109	0.234	2.727	3.943	3.174	3.256	-1.28	-2.85							
4/89	0.339	0.261		0.097			0.019	0.033		3.365	5.025	4.418	6.43	-2.56							
40/71	0.214	0.493		0.041	0.001					1.864	6.210	6.146	0.52								
41/71	0.174	0.444		0.071	0.001					1.830	5.321	5.399	-0.73								
42/71	0.074	0.123		0.053						0.739	0.653	0.797	-9.93								
5	0.611	5.761		0.037		0.007		1.070		41.247	106.794	105.593	0.57								
5/82	0.239	0.329		0.034	0.002		0.007	0.166	2.272	2.713	2.560	2.984	-7.65								
5/82	0.299	0.362		0.014	0.004		0.008	0.149	1.590	2.219	3.859	4.302	-5.43								
5/89	0.548	0.868		0.186	0.009		0.045	0.284	2.931	6.019	7.528	7.081	3.06	-2.91							
5/90	0.264	0.765		0.001	0.002	0.001	0.210	0.488		2.537	7.509	6.971	3.72								
6/200W	0.263	0.173		0.002	0.001	0.002		0.843		1.392	1.558	1.465	3.08								
6/4000	0.031	0.018		0.003	0.002			0.051		0.059	0.198	0.212	-3.42								
6/4000	0.016	0.014		0.002	0.001	0.000	0.004	0.022		0.084	0.177	0.175	0.57								
6/400W	0.016	0.029		0.003	0.001		0.007	0.053		0.148	0.256	0.280	-4.48								
6/400W	0.016	0.054		0.002	0.001	0.005		0.054		0.436	0.307	0.329	-3.46								
6/600W	0.022	0.011		0.003	0.001			0.067		0.075	0.257	0.309	-9.19								
6/600W	0.009	0.015		0.002		0.000	0.008			0.121	0.323	0.292	5.04								
6/72	0.249	1.275		0.035	0.001					3.515	18.390	19.313	-2.45								
6/82	0.474	1.234		0.007	0.012		0.036	0.432	4.545	6.107	7.979	7.913	9.42								
6/89	0.618	1.176		0.207			0.031	0.056		4.068	12.151	12.787	-2.55								
6/CENT	0.034	0.044		0.003	0.002			0.151		0.188	0.314	0.326	-1.88								
6/CENT	0.022	0.029		0.001	0.001	0.001		0.153		0.185	0.276	0.231	8.88								
6A	3.193	9.465		1.217	0.036	0.014		0.264		15.970	112.088	103.199	4.13								
7/72	0.354	1.016		0.019	0.003					5.692	13.507	14.515	-3.60								
7/79	0.351	1.106		0.533	0.012	0.003	0.026	0.584		1.327	7.611	7.950	-2.18	-3.01	-15.7	-18.33	81.7	3.531			







Well	Ca <sup>2+</sup> mmol/l	Mg <sup>2+</sup> mmol/l	Sr <sup>2+</sup> mmol/l	Fe-tot mmol/l	Mn-tot mmol/l	Al-tot mmol/l	NH4 <sup>+</sup> mmol/l	SiO2 mmol/l	CO2 mmol/l	TIC-Cal mmol/l	E-Anions mmol/l	E-Kations mmol/l	Error %	δ <sup>18</sup> O ‰	δ <sup>2</sup> H ‰	δ <sup>13</sup> C ‰	<sup>14</sup> C ‰(pmc)	<sup>3</sup> H TU	δ <sup>34</sup> S ‰
S1A/82	0.291	0.851		0.033	0.001	0.002	0.083	0.260		5.467	11.536	10.949	2.61	-2.92	-14.0	-12.64			
SINI-GR	1.097	0.209		0.030					0.136	2.763	3.047	3.139	-1.49						
SINI-GR	1.172	0.403		0.019					0.113	2.749	3.047	3.437	-6.01						
SOM01	1.846	1.893								9.405	60.144	60.414	-0.22						
SOM01	1.212	1.300		0.002		0.001	0.099	0.292		11.507	49.106	45.094	4.26	-2.90	-12.6	-0.19	0.9	1.317	
SOM01	1.020	1.130	0.022	0.003	0.002	0.018	0.239	0.325		1.292	44.478	38.915	0.06	-2.63	-13.0	0.61			
SOM02	1.322	1.234								10.128	43.098	46.086	-3.35						
SOM03	1.222	0.905								9.595	30.524	33.571	-4.75						
SOM04	0.823	1.769		0.001						9.508	44.289	51.119	-7.16						
SOM04	1.247	1.563								12.280	46.696	42.592	4.60						
SOM05	0.149	1.399								8.561	42.853	35.283	9.69						
SOM06	1.746	2.181		0.001						10.287	58.808	62.227	-2.82						
SOM06	0.873	2.057								9.557	56.251	58.056	-1.58						
SOM09	0.199	2.016								6.161	18.691	16.652	5.77						
SOM10	0.149	1.358								9.934	41.393	34.375	9.26						
SOM11	0.224	1.563								10.532	48.078	41.199	7.71						
SOM12	1.422	1.152								9.642	35.096	40.467	-7.11						
SOM13	1.347	1.316		0.001						8.977	42.970	46.345	-3.78						
SOM16	0.748	1.028								7.635	16.936	17.166	-0.67						
SOM16	0.623	0.823								10.032	18.695	15.375	9.74						
SOM18	1.197	1.563								9.835	40.029	44.188	-4.94						
SOM22	0.249	1.975								8.535	23.361	20.193	7.27						
SOM-W1	0.773	2.345								6.149	18.135	17.371	2.15						
SWM	0.399	0.617		0.286							2.544	2.604	-1.17						
T1A	0.299	0.823		0.059					2.090	1.792	10.574	10.697	-0.58						
T2C/91	0.653	2.810		0.553	0.029	0.001	0.053	0.908		2.207	15.170	14.979	0.63	-2.71	-15.3	-18.63	14.8	1.255	1.096-45
T31	0.324	0.699		0.075					0.181	0.389	9.927	8.650	5.74						
TA05	2.669	3.209								13.531	91.923	84.265	4.35						
TAMI-GR	1.447	0.378		0.010					0.159	2.534	4.164	1.897	-8.09						
TAMI-GR	1.222	0.390		0.005					0.136	2.510	4.074	4.679	-6.91						
TLE5	0.988	2.230		1.187	0.016	0.001	0.072	0.232		0.339	16.591	17.382	-2.33	-2.98	-12.9	-20.42	20.7		1.092-52
TO1	1.739	22.400	0.037	0.060	0.060	0.071	0.379	0.690		20.644	187.388	185.087	0.62	-1.98	-14.2	-22.54	88.7		1.092-52
TO11	0.743	49.300	0.045	0.021	0.005	0.063	6.019	0.425		19.787	478.511	481.407	-0.30	-1.15	-6.3				1.091-47

Well	Ca <sup>2+</sup> mmol/l	Mg <sup>2+</sup> mmol/l	Sr <sup>2+</sup> mmol/l	Fe-tot mmol/l	Mn-tot mmol/l	Al-tot mmol/l	NH4 <sup>+</sup> mmol/l	SiO2 mmol/l	CO2 mmol/l	TIC-Cal mmol/l	E-Anions mmol/l	E-Kations mmol/l	Error %	δ <sup>18</sup> O ‰	δ <sup>2</sup> H ‰	δ <sup>13</sup> C ‰	<sup>14</sup> C ‰(pmc)	<sup>3</sup> H TU	δ <sup>34</sup> S ‰		
TO13	0.677	47.600	0.049	0.044	0.005	0.054	6.300	0.725		20.248	493.953	464.952	3.02	-0.92	-8.1					0.0685	1.709-78
TO15	0.690	41.800	0.060	0.072	0.004	0.067	4.779	1.040		18.438	462.443	401.891	7.01	-1.02	-7.6						1.709-95
TO17	0.654	39.900	0.049	0.044	0.005	0.079	6.739	0.472		18.105	466.179	412.315	6.13	-1.02	-7.6	-6.60	52.6		0.101		1.709-152
TO19	1.269	37.200	0.053	0.073		0.047	6.539	0.273		15.543	422.269	413.073	1.10	-0.96	-3.5					-0.192	1.709-163
TO21	1.129	36.100	0.042	0.049		0.070	7.879			12.745	393.363	387.195	0.79	-1.03	-6.3						1.709-226
TO23	1.489	35.700	0.048	0.081		0.048	7.229	0.420		14.886	362.846	391.259	-3.77	-1.33	-9.7						1.709-217
TO25	1.209	31.600	0.026	0.357	0.036	0.173	8.939	4.390		14.054	356.609	402.933	-6.10	-1.14	-4.9	-2.71	43.5		-0.183		1.709-259
TO3	1.589	15.300	0.025	0.032	0.004	0.048	2.109	0.339		16.241	168.957	177.029	-2.33	-1.25	-8.0	-20.25	91.6				1.709-207
TO5	1.579	13.300	0.024	0.061	0.008	0.142	2.250	0.291			152.926	172.136	-5.91	-1.27	-11.4						1.709-201
TO7	0.871	40.800	0.048	0.135	0.005	0.068	5.139	0.556		18.608	445.254	429.471	1.80	-1.31	-6.6						1.709-198
TO9	1.139	46.000	0.051	0.055	0.008	0.064	6.059	0.653		18.534	518.615	456.883	6.33	-2.28	-12.7	-2.59	66.5		0.335		1.709-198
TT4/91	0.267	0.498	0.004	0.001	0.001	0.004	0.061	0.233		5.866	9.936	10.092	-0.78	-2.71	-15.7	-14.74	5.28		1.131		1.709-237
TT4/91	0.279	0.440				0.001	0.054			5.392	10.675	9.725	4.66	-3.01	-15.9	-17.62	3.9				
W02	0.131	0.526	0.007	0.001		0.010	0.104	0.294		8.204	14.646	13.386	4.49	2.52	-15.2	-9.63					
W1	0.174	0.576		0.057					0.250	1.695	7.133	7.107	0.18								
W10	0.012	0.045		0.003		0.003		0.192		1.736	0.651	0.638	1.01								
W-3A	0.011	0.049		0.004		0.003		0.231		4.319	0.936	0.791	8.40								
W-6A	0.010	0.039		0.006		0.003		0.253		5.151	0.931	0.802	7.44								
WWCS	0.341	2.201		0.021	0.015	0.001	0.415	0.908		5.866	18.440	16.252	6.31	-3.01	-13.7	-18.66	6.6				
WWSM	0.351	0.534		0.103	0.002	0.001	0.060	0.694		4.856	9.776	8.725	5.68	-2.84	-11.8	-17.29	5.6				
ZOR-GR	0.249	0.864		0.035	0.007					3.403	5.229	6.012	-6.97								
ZOR-GR	0.324	0.864		0.175	0.009		0.002	0.164	1.613	2.739	9.092	9.812	-3.81								
ZV1-2/90	0.239	0.266		0.023	0.012		0.031	0.817	0.909	2.095	8.633	9.200	-3.18								
ZV1-2/90	0.272	0.011		0.038		0.007	0.004	0.173		1.791	0.815	0.833	-1.09	-3.24	-18.0	-11.76	104.3				
ZV1-2/90	0.610	0.400		0.098		0.021	0.076	0.658		3.251	9.380	9.346	0.18	-2.79	-14.5	-12.99	46.7	0.15			
ZV5/87				0.214							0.400	0.428	-3.38								
Samples with incomplete analyses and electro-neutrality error > 10 %																					
01500	0.006	0.014		0.057	0.001		0.055	0.026			0.356	0.267	14.27								
0200W	0.017	0.012		0.007	0.001		0.015	0.001			0.104	0.133	-12.24								
04000	0.006	0.008		0.002	0.002			0.089			0.174	0.125	16.39								
1/69	0.848	2.757		0.017	0.020						8.369	13.862	-24.71	-2.80							
1/69													100.00								
1/69													100.00								





