

Sample Name	description of sampling point	location	x (UTM, WGS 84, Zone 31N)	y (UTM, WGS 84, Zone 31N)	height over sea level (m) from SRTM data in 50x50 grid	air temperature (°C)	water temperature (°C)	pH	O ₂ (mg/l)	O ₂ saturation (%)	el. conductivity (µS/cm)	Eh (mV)	HCO ₃ ⁻ (mg/l)	CO ₂ mg/l	Cl ⁻ (mg/l)	SO ₄ ²⁻ (mg/l)	F ⁻ (mg/l)	Br ⁻ [mg/l]
D05-H-ALF-1	handpump	Alafiarou	434335	998041	283.74	32.3	29.5	6.76			376	248	237.9	44	6.7	2.1	0.55	0.44
D05-H-BAN-1	handpump	Banté	378393	929620	321	31.3	28.4	6.18			438	93	149.45	46.2	49.7	3.4	0.55	0.44
D05-W-BDOG-1	well	Dogué	383221	1006210	323.64	32.8	29.6	7.04			803	211	274.5	26.4	85.6	11.9	0.55	0.44
D05-W-BDOG-2	well	Dogué	383034	1006505	332.35	32.5	27.4	7.11			1358	62	805.2	57.2	95.7	38.2	0.55	0.44
D05-F-BEL-P	footpump	Belléfoungou	360267	1085332	415.71	35.7	30	7.06			483	270	295.85	22	12.6	3.4	0.55	0.44
D05-H-BIS-2	handpump	Bio-Sikka	406641	1079754	335.5	38.3	29.7	6.68			299	320	195.2	22	1.6	1.0	0.55	0.44
D05-F-BNO-P	footpump	Barénou	365564	1074180	420.73	31.8	29.7	7.2			340	21	234.85	8.8	2.2	0.9	0.55	0.44
D05-W-BODI	well	Bodi	342672	1036773	414.74	23.7	27	6.09			42	370	24.4	26.4	1.8	1.0	0.55	0.44
D05-F-BRI-3	footpump	Birni	338470	1104932	417.62	38.2	30.3	6.43			203	120	176.9	39.6	1.6	0.8	0.55	0.44
D05-F-CEG-P	footpump	Djougou	350850	1072648	453.89	36.5	30.3	7.29			372	150	250.1	17.6	1.6	2.1	0.55	0.44
D05-H-DAC-P	handpump	Dampoco	337697	1074161	427.12	30.7	29.7	7.1			149	60	97.6	13.2	1.3	0.8	0.55	0.44
D05-W-DDU-1	well	Dendougou	360617	1076428	401.87	31.1	27.6	7.04			297	187	134.2	13.2	9.8	1.9	0.55	0.44
D05-F-FOB-2	footpump	Fô-Bouré	425992	1118195	363.67	34.9	30.2	6.48			201	195	118.95	37.4	2.2	1.5	0.55	0.44
D05-H-GGA-1	handpump	Gaouga	384571	1077531	357.34	34.3	29.3	6.11			111	96	70.15	48.4	1.2	0.8	0.55	0.44
D05-F-GNG-1	footpump	Guingamou	494107	1057124	409	35.3	30.2	6.45			390	315	164.7	35.2	29.2	2.7	0.55	0.44
D05-W-GRO-1	well	Ganrou	385472	1123526	409.7	36.2	30.3	6.43			241	76	158.6	41.8	1.2	0.33	0.55	0.44
D05-W-GUE-1	well	Guessou-Sud	461405	1109699	389.3	36.7	31.5	5.44			13	276	9.15	22	1.1	0.33	0.55	0.44
D05-F-HVO-4	footpump	Bori	438147	1078043	325.73	35.9	30.3	6.24			317	183	149.45	74.8	15.0	2.1	0.55	0.44
D05-F-HVO-7	footpump	Tchéton	345041	1011265	394.17	33	29.9	6.96			345	184	231.8	26.4	1.1	2.1	0.55	0.44
D05-H-IGB-2	handpump	Igbomakoro	380114	1003884	311.09	33.4	28.1	6.63			485	268	286.7	22	23.7	0.9	0.55	0.44
D05-W-KAKI-S	well	Kakikoka	426212	1018523	273.31	30	29.3	7.23			308	213	170.8	13.2	2.0	1.4	0.55	0.44
D05-H-KAK-P2	handpump	Kakikoka	426767	1018834	270.92	30	29.1	7.35			429	215	274.5	22	0.9	1.7	0.55	0.44
D05-W-KAR-2	well	Kori	445010	1100335	324.61	39	30.2	7.47			664	250	301.95	48.4	40.3	9.6	0.55	0.44
D05-H-KBG-2	handpump	Kpabégou	343644	1082896	489.96	37.8	30.2	6.25			117	156	76.25	28.6	1.4	2.1	0.55	0.44
D05-W-KIK-6	well	Kikelé	360482	996377	377.16	33.6	28.6	7.15			829	269	427	22	29.7	20.2	0.55	0.44
D05-H-KKP-2	handpump	Kénoukpanou	445529	1003577	327.18	30.3	29.6	6.25			148	46	103.7	61.6	1.6	0.33	0.55	0.44
D05-F-KOL-P	footpump	Kolokondé	368231	1094900	432.87	36.7	30.9	6.01			140	142	94.55	52.8	1.0	0.6	0.55	0.44
D05-H-KOM-2	handpump	Komiguéa	459456	1046260	367.06	36	30.2	6.45			205	236	140.3	35.2	2.1	1.1	0.55	0.44
D05-H-KPS-P	handpump	Kpéssou	409973	1028012	324.8	29.5	29.4	6.84			334	255	198.25	26.4	8.9	3.4	0.55	0.44
D05-F-MGR-2	footpump	Marégourou	438957	1083616	299.2	34	30.7	6.47			244	259	161.65	52.8	3.9	0.8	0.55	0.44
D05-F-MNG-P	footpump	Manigri	361127	992158	387.38	38.8	30.7	6.26			131	308	103.7	30.8	5	7.8	0.55	0.44
D05-F-NIK-2	footpump	Nikki	523323	1098328	424	39	29.4	7			755	125	234.85	22	47.5	90.3	0.55	0.44
D05-W-OSA-1	well	Wassa	349599	1063068	436.38	24.7	27.7	7.15			264	165	173.85	13.2	1.7	2.2	0.55	0.44
D05-W-OUB-1	well	Ouberou	415582	1018124	288.55	27.9	28.6	6.83			298	63	244	28.6	2.5	1.2	0.55	0.44
D05-H-OUE-1	handpump	Ouenou	460079	1082047	370.26	28.4	29.2	6.35			324	214	109.8	57.2	18.2	0.33	0.55	0.44
D05-H-OUN-P	handpump	Wannou	395894	997902	317.02	36.2	28.1	6.89			1664	85	719.8	63.8	76.2	96.7	0.55	0.44
D05-W-PELE-1	well	Pélébina	350353	1047339	433.84	23.8	26.6	6.53			444	86	94.55	13.2	35.6	7.1	0.55	0.44
D05-W-PEN	well	Pénésoulou	340817	1022222	396.14	33	27.8	6.29			339	142	134.2	30.8	42.6	4.8	0.55	0.44
D05-F-PPC-1	footpump	Peulh Camp	453916	1079102	338.02	28.5	29.2	7.21			439	74	308.05	22	2.5	1.4	0.55	0.44
D05-H-PRA-1	handpump	Parakou	463055	1031511	347.6	30	28.4	6.21			162	64	103.7	52.8	1.9	0.33	0.55	0.44
D05-F-PRE-1	footpump	Péréré	499279	1083351	433	38.3	30	5.99			822	118	91.5	48.4	83.1	15.8	0.55	0.44
D05-H-PTA-1	handpump	Partago	332360	1031266	430.36	35.6	29.2	6.73			616	286	244	30.8	39.2	60.1	0.55	0.44
D05-H-SAS-1	handpump	Soassarou	394435	1129368	385.17	35.5	30.6	6.81			356	21	237.9	28.6	2.9	0.33	0.55	0.44
D05-H-SEB-P	handpump	Sébou	443940	1029716	334.94	35.9	35	6.62			547	136	176.9	30.8	33.5	14.1	0.55	0.44
D05-H-SER-P	handpump	Sérou	357472	1068612	418.93	35.9	30.3	7.13			807	75	362.95	26.4	27.7	95.3	0.55	0.44
D05-H-SIN-1	handpump	Sinoué	411788	1123427	363.02	35	30.1	6.94			435	99	222.65	24.2	13.7	5.0	0.55	0.44
D05-W-SON-3	well	Sonomoun	420535	1080105	372.62	37.8	28.6	6.59			476	115	54.9	8.8	47.1	2.6	0.55	0.44
D05-F-SRO-1	footpump	Sirou	447871	1109470	369.51	29.5	29.3	6.36			316	133	204.35	48.4	8.7	2.6	0.55	0.44
D05-F-TAR-2	footpump	Tamarou	466791	1076529	382.03	36.5	29.9	6.51			453	205	179.95	52.8	23.3	8.2	0.55	0.44
D05-F-TOM-2	footpump	Toumé	439911	1115216	357.77	31.3	28	7.1			412	80	271.45	30.8	2.2	5.0	0.55	0.44

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D05-H-TOR-P2	handpump	Tourou	449830	1033059	373.81	32.7	31.4	6.6			260	78	131.15	44	4.2	0.33	0.55	0.44
D05-H-VAN-1	handpump	Vanhoui	370763	1057500	392.53	36.5	30	5.97			92	188	64.05	52.8	0.8	0.33	0.55	0.44
D05-H-WARI-P	handpump	Wari-Maró	407864	1013209	309.27	36.2	28.7	6.95			835	22	295.85	30.8	83.2	45.1	0.55	0.44
D05-W-WEWE-2	well	Wéwé	402574	1038088	312.18	32.4	29	6.95			203	71	137.25	17.6	1.5	0.6	0.55	0.44

Sample Name	(NO ₃) ⁻ (mg/l)	NO ₂ ⁻ (mg/l)	PO ₄ ³⁻ (mg/l)	SiO ₂ (mg/l)	Na ⁺ (mg/l)	K ⁺ (mg/l)	Ca ²⁺ (mg/l)	Mg ²⁺ (mg/l)	Sr ²⁺ (mg/l)	Fe ²⁺ (mg/l)	Mn ²⁺ (mg/l)	NH ₄ ⁺ (mg/l)	Cl ⁻ (mmol(eq)/l)	SO ₄ ²⁻ (mmol(eq)/l)	HCO ₃ ⁻ (mmol(eq)/l)	NO ₃ ⁻ (mmol(eq)/l)
D05-H-ALF-1	0.385	0.44	0.656	32.00	19.4	6.9	46	14.7	0.7	0.054	0.288	0.113	0.189	0.044	3.900	0.006
D05-H-BAN-1	40.9	0.44	0.060	42.7	29	11	38	18	1.2	0.0025	0.217	0.117	1.402	0.071	2.450	0.660
D05-W-BDOG-1	90.2	0.44	0.101	30.80	63	10	67	30	3.3	0.047	0.043	0.078	2.415	0.248	4.500	1.455
D05-W-BDOG-2	32.8	0.44	0.231	33.70	136	15	90	80	4.6	0.0047	0.034	0.043	2.700	0.795	13.200	0.529
D05-F-BEL-P	0.385	0.44	0.031	31.00	18	6.6	66	16.5	1.1	0.0915	0.36	0.070	0.355	0.000	4.850	0.006
D05-H-BIS-2	0.385	0.44	0.626	39.50	18	5.4	28	13.6	0.3	0.186	0.14	0.062	0.045	0.021	3.200	0.006
D05-F-BNO-P	0.385	0.44	0.210	37.20	14.1	8.1	19	29	0.07	0.026	0.056	0.043	0.062	0.019	3.850	0.006
D05-W-BODI	1.0	0.44	0.041	13.40	5.9	1.8	3.2	1.3	0	0.036	0.026	0.070	0.051	0.021	0.400	0.016
D05-F-BRI-3	0.385	0.44	0.048	31.3	16.9	4.2	20.4	8.1	0	0.0133	0.134	0.058	0.045	0.017	2.900	0.006
D05-F-CEG-P	0.385	0.44	0.044	23.6	16.2	5.9	52	16.5	0.3	0.011	0.094	0.046	0.045	0.044	4.100	0.006
D05-H-DAC-P	0.385	0.44	0.044	28.5	13.1	5.3	16.9	3.9	0	0.028	0.052	0.066	0.037	0.017	1.600	0.006
D05-W-DDU-1	5.1	0.44	0.704	35.40	14.9	4.4	29	13.3	0.3	0.036	0.455	0.070	0.276	0.040	2.200	0.082
D05-F-FOB-2	0.385	0.44	0.118	39.20	14	3.5	17	9.2	0.3	0.0177	0.071	0.074	0.062	0.031	1.950	0.006
D05-H-GGA-1	0.385	0.44	0.077	37.10	14.4	4.2	6.8	2.5	0.03	0.0441	0.018	0.070	0.034	0.017	1.150	0.006
D05-F-GNG-1	34.3	0.44	0.053	32.10	16.5	8	33	18.5	0.8	0.032	1.142	0.148	0.824	0.056	2.700	0.553
D05-W-GRO-1	1.0	0.44	0.457	36.50	11	6.1	28	12	0.3	0.012	0.078	0.113	0.034	0.007	2.600	0.016
D05-W-GUE-1	0.385	0.44	0.016	3.60	1.6	0.3	0.8	0.2	0	0.089	0.017	0.043	0.031	0.007	0.150	0.006
D05-F-HVO-4	17.4	0.44	0.134	40.80	24.4	6	30	8.6	0.9	0.056	0.154	0.128	0.423	0.044	2.450	0.281
D05-F-HVO-7	0.385	0.44	0.062	34.00	14	7.2	51	13.5	0.5	0.014	0.108	0.054	0.031	0.044	3.800	0.006
D05-H-IGB-2	0.385	0.44	0.882	16.00	17.7	5.7	48	28.5	0.9	0.017	0.013	0.046	0.669	0.000	4.700	0.006
D05-W-KAKI-S	0.385	0.44	0.667	26.90	26.6	4.6	33	7.8	0.5	0.066	0.022	0.043	0.056	0.029	2.800	0.006
D05-H-KAK-P2	0.385	0.44	0.356	20.60	26.8	3.8	45	18	1.1	0.0084	0.05	0.046	0.025	0.035	4.500	0.006
D05-W-KAR-2	52.9	0.44	0.104	18.80	49.5	6	70	22.2	4.3	0.054	0.02	0.043	1.137	0.200	4.950	0.854
D05-H-KBG-2	0.385	0.44	0.122	30.9	14	4.1	13.2	1.6	0	0.227	0.017	0.054	0.039	0.044	1.250	0.006
D05-W-KIK-6	50.5	0.44	0.043	19.00	84	72	35	18.9	1.9	0.16	0.022	0.058	0.838	0.000	7.000	0.815
D05-H-KKP-2	0.385	0.44	0.419	38.90	17	7.9	14.7	2.8	0.2	0.0465	0.0104	0.043	0.045	0.007	1.700	0.006
D05-F-KOL-P	0.385	0.44	0.103	36.90	13.4	4.8	15	3.4	0.3	0.048	0.041	0.046	0.028	0.012	1.550	0.006
D05-H-KOM-2	0.385	0.44	0.109	37.50	13.4	5.8	20	8.6	0.3	0.023	0.037	0.043	0.059	0.023	2.300	0.006
D05-H-KPS-P	8.1	0.44	0.015	30.60	19.5	5.3	33	14	0.4	0.028	0.027	0.050	0.251	0.071	3.250	0.131
D05-F-MGR-2	0.385	0.44	0.067	34.20	20	2.4	25	6.9	0.5	0.072	0.392	0.046	0.110	0.017	2.650	0.006
D05-F-MNG-P	0.385	0.44	0.095	22.8	11.6	4.4	14.6	3.3	0.05	0.017	0.014	0.043	0.141	0.162	1.700	0.006
D05-F-NIK-2	72.6	0.44	0.126	25.20	46.5	7.6	82	21	2.7	0.03	0.05	0.043	1.340	1.880	3.850	1.171
D05-W-OSA-1	0.385	0.44	0.358	34.10	14.3	3.6	27	12.9	0.1	0.029	0.032	0.043	0.048	0.046	2.850	0.006
D05-W-OUT-1	0.385	0.44	0.074	46.60	16.6	4.7	34	10.9	0.4	0.364	0.19	0.046	0.071	0.025	4.000	0.006
D05-H-OUE-1	57.5	0.44	0.585	39.90	21	5.7	31	8.4	0.5	0.033	0.124	0.062	0.513	0.007	1.800	0.928
D05-H-OUN-P	247.1	0.44	0.613	21.60	33.7	24	206	94	6.4	0.018	0.228	0.148	2.150	2.013	11.800	3.987
D05-W-PELE-1	99.7	0.44	0.126	33.30	26.2	5.3	45	13.3	2.1	0.025	0.023	0.043	1.004	0.148	1.550	1.609
D05-W-PEN	12.8	0.44	0.241	30.30	20.2	4.6	31	13.3	0.6	0	0.039	0.046	1.202	0.100	2.200	0.207
D05-F-PPC-1	0.385	0.44	0.114	23.90	28	6.1	60	11	1.1	0.305	0.195	0.046	0.071	0.029	5.050	0.006
D05-H-PRA-1	0.385	0.44	0.158	42.20	15.2	5.3	16.8	4.9	0.3	0.032	0.0088	0.171	0.054	0.007	1.700	0.006
D05-F-PRE-1	240.8	0.44	0.046	34.90	34.7	14.5	81	23	3	0.02	0.038	0.050	2.344	0.329	1.500	3.885
D05-H-PTA-1	18.0	0.44	0.118	21.60	37.5	6.6	55	32	1.2	0.04	0.298	0.062	1.106	1.251	4.000	0.290
D05-H-SAS-1	4.0	0.44	0.071	41.80	12.4	5.7	39	20.4	0.5	0.02	0.09	0.105	0.082	0.007	3.900	0.065
D05-H-SEB-P	95.3	0.44	0.079	37.50	23.6	6.9	58	20.4	1.3	0.256	0.212	0.097	0.945	0.000	2.900	1.538
D05-H-SER-P	30.5	0.44	0.788	24.40	32.5	12	106	24	2.5	0.022	0.235	0.054	0.781	1.984	5.950	0.492
D05-H-SIN-1	25.5	4.3	0.109	34.30	13.9	3	62	16.4	0.8	0.026	0.647	0.183	0.386	0.104	3.650	0.411
D05-W-SON-3	141.1	0.44	0.508	26.10	27	9.5	40	15.1	1.4	0.066	0.033	0.117	1.329	0.054	0.900	2.277
D05-F-SRO-1	12.1	0.44	0.087	33.30	11.6	5.6	36	9.4	0.4	0.013	0.008	0.043	0.245	0.054	3.350	0.195
D05-F-TAR-2	44.7	0.44	0.103	31.50	22	5.8	46	15	1	0.03	0.282	0.050	0.657	0.171	2.950	0.721
D05-F-TOM-2	0.385	0.44	0.047	38.70	9.9	3.8	49	23.5	3.3	0.02	0.036	0.043	0.062	0.104	4.450	0.006

Sample Name	(NO ₃) ⁻ (mg/l)	NO ₂ ⁻ (mg/l)	PO ₄ ³⁻ (mg/l)	SiO ₂ (mg/l)	Na ⁺ (mg/l)	K ⁺ (mg/l)	Ca ²⁺ (mg/l)	Mg ²⁺ (mg/l)	Sr ²⁺ (mg/l)	Fe ²⁺ (mg/l)	Mn ²⁺ (mg/l)	NH ₄ ⁺ (mg/l)		Cl ⁻ (mmol(eq)/l)	SO ₄ ²⁻ (mmol(eq)/l)	HCO ₃ ⁻ (mmol(eq)/l)	NO ₃ ⁻ (mmol(eq)/l)
D05-H-TOR-P2	0.385	0.44	1.079	40.60	17	6.3	20	6	0.2	0.0222	0.04	0.097		0.118	0.007	2.150	0.006
D05-H-VAN-1	0.385	0.44	0.054	36.90	13.2	3.6	6.2	1.3	0.08	0.144	0.009	0.062		0.023	0.007	1.050	0.006
D05-H-WARI-P	71.7	0.44	0.279	38.50	34.7	6	69	54	1	0.057	0.444	0.062		2.347	0.939	4.850	1.157
D05-W-WEWE-2	0.385	0.44	0.107	39.50	17.6	4.1	22	5.1	0.2	0.071	0.078	0.043		0.042	0.012	2.250	0.006

Sample Name	NO ₂ ⁻ (mmol(eq)/l)	HPO ₄ ²⁻ (mmol(eq)/l)	Na ⁺ (mmol(eq)/l)	K ⁺ (mmol(eq)/l)	Ca ²⁺ (mmol(eq)/l)	Mg ²⁺ (mmol(eq)/l)	Fe ²⁺ (mmol(eq)/l)	Mn ²⁺ (mmol(eq)/l)	NH ₄ ⁺ (mmol(eq)/l)	sum of cations (mmol(eq)/l)	sum of anions (mmol(eq)/l)	balance of ions (mmol(eq)/l)	balance between -15 and 15 is okay (green), others (red)
D05-H-ALF-1	0.000	0.014	0.844	0.176	2.295	1.210	0.002	0.010	0.006	4.544	4.153	6.807904275	
D05-H-BAN-1	0.000	0.001	1.261	0.281	1.896	1.481	0.000	0.008	0.006	4.935	4.584	6.675902853	
D05-W-BDOG-1	0.000	0.002	2.740	0.256	3.343	2.469	0.002	0.002	0.004	8.816	8.620	6.825068385	
D05-W-BDOG-2	0.000	0.005	5.916	0.384	4.491	6.583	0.000	0.001	0.002	17.377	17.229	10.25055214	
D05-F-BEL-P	0.000	0.001	0.783	0.169	3.293	1.358	0.003	0.013	0.004	5.623	5.212	8.903901452	
D05-H-BIS-2	0.000	0.013	0.783	0.138	1.397	1.119	0.007	0.005	0.003	3.453	3.285	2.255170269	
D05-F-BNO-P	0.000	0.004	0.613	0.207	0.948	2.386	0.001	0.002	0.002	4.160	3.941	3.546157846	
D05-W-BODI	0.000	0.001	0.257	0.046	0.160	0.107	0.001	0.001	0.004	0.575	0.489	0.184806915	
D05-F-BRI-3	0.000	0.001	0.735	0.107	1.018	0.667	0.000	0.005	0.003	2.536	2.969	-4.771535842	
D05-F-CEG-P	0.000	0.001	0.705	0.151	2.595	1.358	0.000	0.003	0.003	4.814	4.196	11.14610718	
D05-H-DAC-P	0.000	0.001	0.570	0.136	0.843	0.321	0.001	0.002	0.004	1.876	1.660	1.525624746	
D05-W-DDU-1	0.000	0.015	0.648	0.113	1.447	1.094	0.001	0.017	0.004	3.324	2.613	8.44136594	
D05-F-FOB-2	0.000	0.002	0.609	0.090	0.848	0.757	0.001	0.003	0.004	2.311	2.052	2.261538477	
D05-H-GGA-1	0.000	0.002	0.626	0.107	0.339	0.206	0.002	0.001	0.004	1.285	1.208	0.381951702	
D05-F-GNG-1	0.000	0.001	0.718	0.205	1.647	1.522	0.001	0.042	0.008	4.142	4.134	0.12956285	
D05-W-GRO-1	0.000	0.010	0.478	0.156	1.397	0.987	0.000	0.003	0.006	3.029	2.666	4.126292707	
D05-W-GUE-1	0.000	0.000	0.070	0.008	0.040	0.016	0.003	0.001	0.002	0.140	0.194	-0.036525427	
D05-F-HVO-4	0.000	0.003	1.061	0.153	1.497	0.708	0.002	0.006	0.007	3.434	3.200	3.102383225	
D05-F-HVO-7	0.000	0.001	0.609	0.184	2.545	1.111	0.001	0.004	0.003	4.456	3.882	9.574002157	
D05-H-IGB-2	0.000	0.018	0.770	0.146	2.395	2.345	0.001	0.000	0.003	5.660	5.393	5.893304715	
D05-W-KAKI-S	0.000	0.014	1.157	0.118	1.647	0.642	0.002	0.001	0.002	3.569	2.906	8.585872752	
D05-H-KAK-P2	0.000	0.007	1.166	0.097	2.246	1.481	0.000	0.002	0.003	4.994	4.574	8.035321818	
D05-W-KAR-2	0.000	0.002	2.153	0.153	3.493	1.827	0.002	0.001	0.002	7.631	7.142	14.44939555	
D05-H-KBG-2	0.000	0.003	0.609	0.105	0.659	0.132	0.008	0.001	0.003	1.516	1.342	0.994233246	
D05-W-KIK-6	0.000	0.001	3.654	1.841	1.747	1.555	0.006	0.001	0.003	8.807	8.653	5.35028393	
D05-H-KKP-2	0.000	0.009	0.739	0.202	0.734	0.230	0.002	0.000	0.002	1.910	1.767	1.050720236	
D05-F-KOL-P	0.000	0.002	0.583	0.123	0.749	0.280	0.002	0.001	0.003	1.740	1.599	0.939053048	
D05-H-KOM-2	0.000	0.002	0.583	0.148	0.998	0.708	0.001	0.001	0.002	2.441	2.391	0.490735997	
D05-H-KPS-P	0.000	0.000	0.848	0.136	1.647	1.152	0.001	0.001	0.003	3.787	3.703	1.264406969	
D05-F-MGR-2	0.000	0.001	0.870	0.061	1.248	0.568	0.003	0.014	0.003	2.766	2.784	-0.202515719	
D05-F-MNG-P	0.000	0.002	0.505	0.113	0.729	0.272	0.001	0.001	0.002	1.621	2.012	-2.840227677	
D05-F-NIK-2	0.000	0.003	2.023	0.194	4.092	1.728	0.001	0.002	0.002	8.042	8.244	-6.575129658	
D05-W-OSA-1	0.000	0.007	0.622	0.092	1.347	1.062	0.001	0.001	0.002	3.127	2.957	2.069135154	
D05-W-OUT-1	0.000	0.002	0.722	0.120	1.697	0.897	0.013	0.007	0.003	3.458	4.103	-9.753490836	
D05-H-OUE-1	0.000	0.012	0.913	0.146	1.547	0.691	0.001	0.005	0.003	3.306	3.260	0.607975056	
D05-H-OUN-P	0.000	0.013	1.466	0.614	10.279	7.735	0.001	0.008	0.008	20.111	19.962	11.93385741	
D05-W-PELE-1	0.000	0.003	1.140	0.136	2.246	1.094	0.001	0.001	0.002	4.619	4.313	5.465475957	
D05-W-PEN	0.000	0.005	0.879	0.118	1.547	1.094	0.000	0.001	0.003	3.642	3.713	-1.052595815	
D05-F-PPC-1	0.000	0.002	1.218	0.156	2.994	0.905	0.011	0.007	0.003	5.294	5.158	2.831260917	
D05-H-PRA-1	0.000	0.003	0.661	0.136	0.838	0.403	0.001	0.000	0.009	2.049	1.770	2.132807795	
D05-F-PRE-1	0.000	0.001	1.509	0.371	4.042	1.893	0.001	0.001	0.003	7.820	8.059	-7.608352617	
D05-H-PTA-1	0.000	0.002	1.631	0.169	2.745	2.633	0.001	0.011	0.003	7.193	6.650	15.04532079	
D05-H-SAS-1	0.000	0.001	0.539	0.146	1.946	1.679	0.001	0.003	0.006	4.320	4.055	4.439025831	
D05-H-SEB-P	0.000	0.002	1.027	0.176	2.894	1.679	0.009	0.008	0.005	5.798	5.384	9.257179505	
D05-H-SER-P	0.000	0.016	1.414	0.307	5.289	1.975	0.001	0.009	0.003	8.997	9.224	-8.266826416	
D05-H-SIN-1	0.000	0.002	0.605	0.077	3.094	1.350	0.001	0.024	0.010	5.159	4.554	11.75403006	
D05-W-SON-3	0.000	0.011	1.174	0.243	1.996	1.243	0.002	0.001	0.006	4.666	4.570	1.774668505	
D05-F-SRO-1	0.000	0.002	0.505	0.143	1.796	0.774	0.000	0.000	0.002	3.221	3.847	-8.845179474	
D05-F-TAR-2	0.000	0.002	0.957	0.148	2.295	1.234	0.001	0.010	0.003	4.649	4.501	2.704686682	
D05-F-TOM-2	0.000	0.001	0.431	0.097	2.445	1.934	0.001	0.001	0.002	4.911	4.623	5.486252448	

Sample Name	NO ₂ ⁻ (mmol(eq)/l)	HP0 ₄ ²⁻ (mmol(eq)/l)	Na ⁺ (mmol(eq)/l)	K ⁺ (mmol(eq)/l)	Ca ²⁺ (mmol(eq)/l)	Mg ²⁺ (mmol(eq)/l)	Fe ²⁺ (mmol(eq)/l)	Mn ²⁺ (mmol(eq)/l)	NH ₄ ⁺ (mmol(eq)/l)	sum of cations (mmol(eq)/l)	sum of anions (mmol(eq)/l)	balance of ions (mmol(eq)/l)	balance between -15 and 15 is okay (green), others (red)
D05-H-TOR-P2	0.000	0.022	0.739	0.161	0.998	0.494	0.001	0.001	0.005	2.400	2.304	0.902125401	
D05-H-VAN-1	0.000	0.001	0.574	0.092	0.309	0.107	0.005	0.000	0.003	1.092	1.087	0.020633328	
D05-H-WARI-P	0.000	0.006	1.509	0.153	3.443	4.444	0.002	0.016	0.003	9.571	9.299	10.28343429	
D05-W-WEWE-2	0.000	0.002	0.766	0.105	1.098	0.420	0.003	0.003	0.002	2.396	2.313	0.77575477	