

Anthropogenic and geogenic influences on peri-urban aquifers in semi-arid regions: insights from a case study in northeast Jaipur, Rajasthan, India

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Table S1 Details of the field tests.

Parameter	Unit	Method	Measuring range	Error	Test number (Merck)
HCO ₃ ⁻	mmol/L	titrimetric with titration pipette	0.1 - 10	±0.2	111109
NH ₄ ⁺	mg/L	colorimetric with color-disk comparator	0.2 - 8.0	semiquantitatively	114750
	mg/L	colorimetric with color-card	0.025 - 0.4	semiquantitatively	114428
NO ₂ ⁻	mg/L	colorimetric with color card and sliding	0.025 - 0.5	semiquantitatively	108025
NO ₃ ⁻	mg/L	colorimetric with color card and sliding	10 - 150	semiquantitatively	111170
	mg/L	colorimetric with test strips	10 - 500	semiquantitatively	110020
S ₂ ⁻	mg/L	colorimetric with color card and comparator	0.02 – 0.025	semiquantitatively	114416

Table S2 Hydrochemical Results.

Well ID	Sub-group	Date	T [°C]	EC [μS/cm]	pH	ORP [mV]	O2 [mg/l]	NO2 [mg/l]	NH4 [mg/l]	Na [mg/l]	K [mg/l]	Ca [mg/l]	Mg [mg/l]	NO3 [mg/l]	SO4 [mg/l]	Cl [mg/l]	HCO3 [mg/l]	Sr [mg/l]	SiO2 [mg/l]	Br [mg/l]	CBE [%]
KK_HP01	Amer Hillside	11/14/16	28,4	3.400	6,71	120	4,25	0,025	0	150	14,0	345	95	368	156	586	519	1,7	-	0,0	-3,47
KK_HP16	Amer Hillside	11/16/16	28	2.290	6,47	76	1,97	0,6	0,5	90	6,0	270	64	272	92	327	415	1,4	-	0,7	1,07
KK_HP15	Amer Hillside	12/27/16	26,5	3.600	6,72	14	2,14	0,5	0,15	109	15,0	350	107	455	145	580	476	3,6	-	1,0	-4,74
KK_HP04	Amer Hillside	12/27/16	26,4	2.690	6,93	47	2,89	3	0	135	22,0	210	59	125	116	450	519	2,0	-	0,9	-8,13
KK_HP10	Amer Hillside	12/28/16	26,7	4.060	6,82	65	2,41	0,3	2	265	32,0	346	125	325	168	715	744	2,8	-	1,1	-1,49
KK_BW03	Amer Hillside	12/28/16	27,9	3.410	6,51	305	2,28	0	0	122	26,0	325	93	480	128	486	458	2,2	-	0,5	-2,88
KK_HP24	Amer Hillside	4/3/17	27,6	3.980	7	57	27,90	3,75	0	251	8,2	257	137	200	290	740	830	3,5	-	1,0	-10,78
KK_HP04	Amer Hillside	4/4/17	28	2.420	7,27	39	2,51	0,4	0	127	22,0	203	55	141	118	446	506	2,0	-	0,8	-10,50
KK_HP10	Amer Hillside	4/4/17	28	3.800	7,14	69	2,32	0,075	4,5	219	44,0	274	104	337	165	695	793	2,9	-	1,1	-11,55
KK_BW03	Amer Hillside	4/4/17	29,1	3.110	6,45	222	1,68	0	0	73	10,0	160	40	460	130	490	513	1,0	-	0,8	-37,49
KK_HP15	Amer Hillside	4/5/17	28,3	3.120	6,88	43	2,32	6	4,5	105	15,0	306	108	311	152	617	452	3,2	-	1,0	-6,24
KK_HP01	Amer Hillside	4/5/17	28,7	3.420	6,6	60	2,88	0,3	0,05	136	24,0	334	96	425	160	615	537	2,5	-	1,0	-7,76
KK_HP02	Amer Hillside	4/5/17	28,9	2.790	6,83	73	3,07	1	0,025	135	15,0	281	88	366	120	460	500	2,9	-	0,8	-3,60
KK_HP16	Amer Hillside	4/6/17	28,8	2.370	6,49	83	2,21	0,3	0,8	88	7,5	277	67	300	100	360	458	2,0	-	0,6	-2,54
KK_HP01	Amer Hillside	10/11/17	29,3	2.590	7,04	91	3,89	-	-	217	16,0	260	70,8	328	142	478	513	1,5	43,7	0,8	-2,52
KK_HP15	Amer Hillside	10/12/17		3.271	6,93	228	2,12	1,5	0,4	187	9,5	348	107,0	447	159	579	506	2,8	38,8	1,0	-0,87
KK_HP10	Amer Hillside	10/12/17	28,8	3.180	7,11	95	2,24	0,6	3	365	47,6	242	98,1	240	185	593	787	2,1	46,6	1,0	-0,14

Well ID	Sub-group	Date	T [°C]	EC [μS/cm]	pH	ORP [mV]	O2 [mg/l]	NO2 [mg/l]	NH4 [mg/l]	Na [mg/l]	K [mg/l]	Ca [mg/l]	Mg [mg/l]	NO3 [mg/l]	SO4 [mg/l]	Cl [mg/l]	HCO3 [mg/l]	Sr [mg/l]	SiO2 [mg/l]	Br [mg/l]	CBE [%]
KK_HP24	Amer Hillside	10/12/17	28,2	3.310	7,02	114	3,27	0,3	0,025	406	5,4	239	126,0	244	281	607	781	2,5	50,3	0,9	0,48
KK_HP04	Amer Hillside	10/13/17	28,4	2.393	7,07	99	2,84	-	-	207	13,1	216	59,6	149	116	409	513	1,6	32,3	0,7	0,54
KK_BW03	Amer Hillside	10/13/17	28,8	2.710	6,57	270	1,65	0,025	0,025	204	16,9	298	83,8	440	134	448	513	1,8	48,8	0,7	0,24
KK_HP02	Amer Hillside	10/14/17	30,2	2.582	7,11	96	2,48	1,5	0,05	170	9,9	279	82,0	306	122	433	488	2,1	37,1	0,7	1,12
KK_HP16	Amer Hillside	10/14/17	29,2	1.945	6,7	60	2,13	1	0,1	106	4,8	224	55,5	238	86,9	284	397	1,2	54,2	0,5	0,79
KK_HP24	Amer Hillside	12/20/17	25,8	3.130	6,97	130	2,44	0,4	0	381	8,0	216	114	210	250	615	818	2,3	-	1,0	-3,15
KK_HP16	Amer Hillside	12/21/17	28,2	1.521	6,85	31	2,80	0,6	0,05	105	6,5	196	50	273	82	236	323	1,1	-	0,4	1,53
KK_HP10	Amer Hillside	12/21/17	26,6	2.178	6,99	31	2,88	0,6	3	243	31,0	156	60	185	136	393	494	1,3	-	0,6	-1,86
KK_HP01	Amer Hillside	12/21/17	29,1	2.480	6,91	66	2,19	0,15	0,05	194	17,0	250	72	349	118	445	482	1,6	-	0,8	-2,26
KK_HP04	Amer Hillside	12/21/17	26,3	2.240	7	80	2,75	1,5	0,075	201	18,5	227	63	157	116	442	543	1,8	-	0,8	-1,13
KK_HP15	Amer Hillside	12/21/17	26,7	3.380	6,86	114	2,93	1,5	0,2	200	14,5	380	115	555	281	717	513	3,1	-	1,0	-7,33
KK_BW03	Amer Hillside	12/21/17	28	2.550	6,75	254	1,76	0	0	194	23,0	286	78	421	120	433	513	1,6	-	0,7	-0,31
KK_HP02	Amer Hillside	12/22/17	27	2.770	6,84	28,40	2,76	3	0	166	13,5	279	78	308	114	445	488	2,3	-	0,8	0,03
NKT_BW01	Amer Plain	11/3/16	26,5	4.560	7,03	157	3,70	0	0	510	2,5	93,2	104	170	164	935	812	-	-	0,0	-12,76
NKT_BW01	Amer Plain	11/12/16	26,3	4.520	7,04	180	3,45	0	0	510	3,5	91,0	108	169	165	944	830	3,0	-	2,5	-13,02
NKT_BW06	Amer Plain	12/25/16	27,7	5.240	7,73	139	2,91	0	0	611	1,0	101	108	235	175	1.020	946	2,5	-	2,7	-12,11
NKT_BW09	Amer Plain	12/25/16	27,6	4.990	6,94	173	2,12	0	0	500	2,0	118	147	97	214	1.034	903	4,0	-	3,5	-11,36
NKT_BW15	Amer Plain	12/26/16	26,7	4.930	7,21	195	3,50	-	-	575	1,0	138	103	214	174	1.007	921	2,6	-	2,5	-11,19

Well ID	Sub-group	Date	T [°C]	EC [μS/cm]	pH	ORP [mV]	O2 [mg/l]	NO2 [mg/l]	NH4 [mg/l]	Na [mg/l]	K [mg/l]	Ca [mg/l]	Mg [mg/l]	NO3 [mg/l]	SO4 [mg/l]	Cl [mg/l]	HCO3 [mg/l]	Sr [mg/l]	SiO2 [mg/l]	Br [mg/l]	CBE [%]
KK_HP20	Amer Plain	12/27/16	27,2	3.740	7,48	105	2,73	0,15	4,5	250	55,0	178	102	190	165	670	732	2,6	-	1,1	-11,71
PHED03	Amer Plain	12/28/16	23,5	4.830	6,82	259	4,99	-	-	558	2,0	343	223	190	255	1.360	702	7,0	-	3,5	1,32
KK_BW09	Amer Plain	12/30/16	26	6.060	6,74	219	1,72	0	0	683	6,0	231	178	145	400	1.250	873	4,9	-	3,1	-3,60
PHED01	Amer Plain	12/30/16	27	3.530	6,82	240	4,51	0	-	230	11,0	124	135	77	170	735	574	2,7	-	1,4	-11,73
NKT_BW06	Amer Plain	4/2/17	29,9	5.220	8,01	207	4,26	-	-	690	4,2	58,0	92	255	194	990	879	2,4	-	3,1	-10,86
NKT_BW09	Amer Plain	4/2/17	29,3	3.750	6,95	240	2,49	0,025	0	519	5,8	96,0	114	108	215	1.000	879	3,6	-	3,7	-13,92
NKT_BW01	Amer Plain	4/3/17	29,1	4.580	7,06	177	5,20	-	-	487	6,0	86,0	101	174	167	998	818	3,5	-	2,9	-16,99
PHED03	Amer Plain	4/3/17	29,4	3.260	7,16	245	6,07	-	-	214	20,0	174	90	140	138	735	488	3,7	-	1,8	-13,31
PHED01	Amer Plain	4/3/17	30	3.350	6,93	246	5,42	-	-	217	31,0	232	71	80	170	735	555	2,5	-	1,5	-11,25
KK_HP20	Amer Plain	4/4/17	27,7	3.870	6,87	109	2,35	0,2	4,5	295	67,0	160	92	258	185	720	787	301,0	-	1,3	-15,59
KK_BW09	Amer Plain	4/5/17	28,4	5.840	6,82	212	3,41	-	-	668	5,3	225	177	167	400	1.490	848	5,0	-	3,3	-9,81
NKT_BW15	Amer Plain	10/10/17	28,3	4.320	7,21	227	2,37	0,025	0	887	3,2	73,0	77,8	225	181	923	934	2,2	24,4	2,3	-0,02
NKT_BW01	Amer Plain	10/10/17	28,3	4.170	7,09	250	4,90	-	-	773	3,2	93,5	109,0	172	171	1.017	818	3,3	27,1	3,2	-1,13
NKT_BW09	Amer Plain	10/10/17	28,6	4.030	7,28	217	3,37	0,025	0	741	3,0	91,6	109,0	106	216	917	866	3,3	28,1	3,5	-0,46
PHED03	Amer Plain	10/14/17	28	3.310	7,31	252	3,51	-	-	602	2,7	79,1	108,0	111	185	664	885	2,4	30,2	1,3	0,28
KK_BW09	Amer Plain	10/14/17	29,4	5.630	7,07	240	4,22	-	-	930	2,1	195	168,0	159	362	1.412	885	3,8	39,2	2,9	-0,29
PHED01	Amer Plain	10/14/17	29,6	2.980	6,99	205	3,69	-	-	395	15,8	202	68,1	74,8	182	696	531	2,2	40,0	1,4	-0,09
KK_HP20	Amer Plain	10/14/17	28,4	3.220	7,21	143	2,71	0,075	4,5	434	75,8	150	86,4	567	193	566	818	2,3	59,3	1,1	-9,13

Well ID	Sub-group	Date	T [°C]	EC [μS/cm]	pH	ORP [mV]	O2 [mg/l]	NO2 [mg/l]	NH4 [mg/l]	Na [mg/l]	K [mg/l]	Ca [mg/l]	Mg [mg/l]	NO3 [mg/l]	SO4 [mg/l]	Cl [mg/l]	HCO3 [mg/l]	Sr [mg/l]	SiO2 [mg/l]	Br [mg/l]	CBE [%]
NKT_BW09	Amer Plain	12/20/17	28,7	4.040	7,05	160	3,24	-	-	729	6,5	84,0	105	114	197	916	891	2,9	-	3,0	-1,83
KK_HP20	Amer Plain	12/21/17	27,7	3.170	7,09	196	2,59	0,1	8	436	66,0	150	87	246	161	554	903	2,3	-	0,8	-3,35
NKT_BW06	Amer Plain	12/22/17	28	4.740	7,34	187,20	3,46	-	-	947	5,5	56,0	95	250	197	984	793	2,3	-	3,0	3,03
PHED01	Amer Plain	12/22/17	28,9	2.840	6,89	197,70	4,85	-	-	394	24,5	192	66	68	178	776	464	2,2	-	1,4	-2,26
NKT_BW15	Amer Plain	12/22/17	27,7	4.270	7,24	202,80	2,95	0,05	0	891	8,0	88,0	97	221	175	978	842	2,2	-	2,3	2,74
KK_HP03	Amer Valley	12/27/16	26,8	1.681	7	82	4,22	-	-	90	37,0	113	35	95	66	203	439	0,7	-	0,4	-8,39
KK_HP19	Amer Valley	12/27/16	27,6	1.951	7	105		-	-	106	34,0	136	43	81	94	278	445	0,8	-	0,6	-7,60
KK_DW03	Amer Valley	12/27/16	26,7	987	7,17	254	6,07	-	-	70	29,0	67,0	24	52	37	95	342	0,5	-	0,2	-4,13
KK_HP23	Amer Valley	12/28/16	26,1	1.893	6,91	101	3,73	0,15	0	98	33,0	140	41	100	76	245	458	0,9	-	0,5	-6,47
KK_BW02	Amer Valley	12/28/16	25,3	1.743	6,91	250	4,45	-	-	98	33,0	120	37	108	70	212	433	0,8	-	0,5	-7,03
KK_HP03	Amer Valley	4/4/17	27,3	1.263	7	60	3,85	-	-	102	30,0	86,0	27	71	55	145	391	0,5	-	0,3	-4,34
KK_HP23	Amer Valley	4/4/17	27,8	1.970	6,86	66	4,35	-	-	147	2,6	155	48	170	128	354	445	1,0	-	0,6	-11,13
KK_BW02	Amer Valley	4/4/17	28,3	1.332	6,97	218	5,23	-	-	106	27,5	92,0	28	83	56	164	366	0,7	-	0,4	-3,64
KK_HP19	Amer Valley	10/11/17	28,7	787	7,8	129	4,38	-	-	105	14,3	35,5	11,6	23,6	34,0	83,4	281	0,2	27,2	0,2	-2,43
KK_HP03	Amer Valley	10/11/17	27,3	1.217	7,08	58	4,62	-	-	131	23,8	78,4	24,0	60,4	44,4	142	403	0,5	32,7	0,3	-1,25
KK_BW02	Amer Valley	10/13/17	27,9	1.259	6,84	270	3,89	-	-	130	22,0	89,1	26,2	77,7	49,8	149	372	0,5	32,9	0,3	0,89
KK_HP23	Amer Valley	10/13/17	27,7	1.519	7,03	53	4,45	0,2	0,025	147	25,7	111	32,6	93,9	69,7	204	397	0,6	33,7	0,4	0,18
KK_HP03	Amer Valley	12/21/17	27,2	1.127	7,07	221	3,85	-	-	123	28,0	71,0	23	61	45	120	372	0,4	-	0,3	0,42

Well ID	Sub-group	Date	T [°C]	EC [μS/cm]	pH	ORP [mV]	O2 [mg/l]	NO2 [mg/l]	NH4 [mg/l]	Na [mg/l]	K [mg/l]	Ca [mg/l]	Mg [mg/l]	NO3 [mg/l]	SO4 [mg/l]	Cl [mg/l]	HCO3 [mg/l]	Sr [mg/l]	SiO2 [mg/l]	Br [mg/l]	CBE [%]
KK_BW02	Amer Valley	12/21/17	27,2	963	7,22	266	4,85	-	-	106	21,5	62,0	19	52	42	105	299	0,4	-	0,0	1,42
KK_HP19	Amer Valley	12/21/17	28,3	760	7,55		4,40	-	-	107	18,0	33,0	11	26	36	90	250	0,2	--	0,2	-0,70
KK_HP23	Amer Valley	12/22/17	27,2	1.393	7,04	100,90	5,07	0,4	0	144	30,0	93,0	30	86	66	167	372	0,5	-	0,4	2,05
KK_LAKE02	Historic Reservoir	10/12/17	25,3	1.457	7,74	224	1,77	0,025	0,8	143	40,0	58,0	66,0	0,0	160	190	391	10,5	-	0,4	1,56
NKT_BW42	NKT East	12/26/16	27,8	3.950	6,91	220	4,90	-	-	235	9,0	206	131	86	93	1.000	421	5,1	-	3,3	-9,89
NKT_BW25	NKT East	12/26/16	28	3.900	7,18	276	5,76	-	-	324	8,0	194	123	87	124	945	574	4,2	-	3,2	-8,01
NKT_BW42	NKT East	4/3/17	28,8	3.930	7,69	252	5,50	-	-	235	7,1	207	132	88	101	1.000	427	5,5	-	3,5	-10,14
NKT_BW25	NKT East	4/3/17	29,1	4.030	7,64	263	6,64	-	-	332	7,1	157	93	88	132	936	574	3,9	-	3,5	-14,07
NKT_BW25	NKT East	10/10/17	29,3	3.500	6,96	276	3,89	-	-	526	4,1	156,0	92,5	86,6	135	898	567	3,5	28,0	3,4	-0,59
NKT_BW42	NKT East	10/10/17	29,7	3.300	7,01	215	5,19	-	-	373	4,3	193,0	123,0	90,0	96,9	937	421	4,6	29,3	3,4	-0,98
NKT_BW42	NKT East	12/23/17	28,5	3.280	6,94	199,30	7,37	-	-	358	8,0	192	123	94	100	977	409	4,8	-	3,4	-3,24
NKT_BW41	NKT North	12/26/16	27,1	5.100	6,81	242	4,42	-	-	570	1,0	234	205	201	209	1.380	781	6,0	-	4,1	-5,28
NKT_BW41	NKT North	4/2/17	29,1	5.250	7,2	255	4,84	-	-	580	8,7	185	160	213	215	1.353	671	6,0	-	4,3	-8,79
NKT_BW41	NKT North	10/12/17	29,4	5.680	6,87	171	5,11	-	-	899	4,9	206	179,0	214	234	1.612	653	5,9	29,1	4,9	-0,20
NKT_BW41	NKT North	12/24/17	27,6	5.850	6,75	209,10	4,70	-	-	866	8,7	204	175	210	220	1.550	525	-	-	4,6	1,78
NKT_HP01	NKT West	12/25/16	26,5	6.200	7,42	40	2,44	5	0,05	611	3,0	188	196	100	255	1.350	866	5,0	-	5,0	-6,32
NKT_BW49	NKT West	12/25/16	28,3	5.700	7,55	52	2,53	0,1	0	611	5,0	120	162	173	185	1.150	848	3,7	-	3,7	-7,03
NKT_BW13	NKT West	12/25/16	26,7	5.950	7,46	207	4,92	-	-	710	1,0	86,0	127	153	265	1.050	1.025	2,9	-	3,6	-8,75

Well ID	Sub-group	Date	T [°C]	EC [μS/cm]	pH	ORP [mV]	O2 [mg/l]	NO2 [mg/l]	NH4 [mg/l]	Na [mg/l]	K [mg/l]	Ca [mg/l]	Mg [mg/l]	NO3 [mg/l]	SO4 [mg/l]	Cl [mg/l]	HCO3 [mg/l]	Sr [mg/l]	SiO2 [mg/l]	Br [mg/l]	CBE [%]
NKT_BW47	NKT West	12/25/16	26,5	5.500	7,35	248	4,67	0	0	743	1,0	40,5	81	150	205	1.000	1.263	1,9	-	3,0	-15,12
NKT_HP04	NKT West	12/26/16	26,8	4.130	7,02	5	3,05	0,3	0,025	410	7,0	117	111	159	141	890	775	3,6	-	2,2	-13,52
NKT_BW03	NKT West	12/26/16	25,6	5.520	7,18	218	3,53	0	0	720	8,0	80,0	98	179	205	963	1.037	2,5	-	3,2	-8,15
NKT_HP01	NKT West	4/2/17	28,7	5.850	7,56	119	2,76	1	0,05	645	9,0	148	150	114	266	1.307	833	4,5	-	5,1	-9,33
NKT_HP04	NKT West	4/2/17	29,7	4.190	7,33	129	3,08	0,2	0	454	6,1	105	98	164	152	884	732	3,6	-	2,4	-12,56
NKT_BW47	NKT West	4/2/17	28,8	5.180	7,69	249	4,23	-	-	763	3,5	31,0	63	165	212	960	1.141	1,7	-	3,0	-13,83
NKT_BW03	NKT West	4/3/17	27,9	5.450	7,71	239	1,73	0	0,025	711	4,0	64,0	78	205	216	1.011	988	2,5	-	3,2	-12,75
NKT_BW49	NKT West	4/3/17	29	5.440	7,12	255	4,74	-	-	596	7,1	101	125	193	197	1.260	787	3,6	-	3,9	-14,65
NKT_BW03	NKT West	10/9/17	29,7	4.730	7,65	306	2,97	0	0	1.008	2,9	19,0	73,1	200	224	1.027	1.025	2,0	23,6	3,0	-2,65
NKT_BW13	NKT West	10/9/17	28,6	4.750	7,64	316	6,04	-	-	953	3,7	83,2	91,5	164	232	1.076	1.025	2,4	25,0	3,6	-1,29
NKT_BW49	NKT West	10/9/17	29,4	5.020	7,53	287	3,18	-	-	877	3,0	103	138,0	204	191	1.244	812	3,5	26,2	3,9	-0,85
NKT_HP01	NKT West	10/9/17	27,9	5.010	7,43	118	2,75	-	-	839	3,8	143	151,0	110	240	1.273	805	3,9	27,6	4,5	0,25
NKT_HP04	NKT West	10/9/17	27,4	4.040	7,54	151	3,36	-	-	699	3,3	110	101,0	168	158	924	738	3,3	28,2	2,5	0,14
NKT_BW47	NKT West	10/10/17	28,4	4.570	7,48	185	4,10	-	-	1.046	1,7	34,1	64,9	164	220	924	1.178	1,6	23,2	2,8	0,00
NKT_HP04	NKT West	12/20/17	27,5	4.040	7,11	70	3,83	-	-	677	7,0	102	98	165	150	970	726	3,1	-	2,0	-2,58
NKT_BW47	NKT West	12/20/17	27,3	4.560	7,41	189	4,22	-	-	1.004	4,5	34,0	63	195	210	950	1.153	1,4	-	3,0	-2,45
NKT_HP01	NKT West	12/22/17	27,4	5.290	7	136,70	3,43	0,75	0,025	872	10,0	141	153	129	251	1.200	763	4,1	-	4,9	3,73
NKT_BW03	NKT West	12/22/17	26,8	4.590	7,21	236,70	2,75	-	-	978	7,0	56,0	73	197	213	910	940	1,9	-	2,8	2,84

Well ID	Sub-group	Date	T [°C]	EC [μS/cm]	pH	ORP [mV]	O2 [mg/l]	NO2 [mg/l]	NH4 [mg/l]	Na [mg/l]	K [mg/l]	Ca [mg/l]	Mg [mg/l]	NO3 [mg/l]	SO4 [mg/l]	Cl [mg/l]	HCO3 [mg/l]	Sr [mg/l]	SiO2 [mg/l]	Br [mg/l]	CBE [%]
NKT_BW49	NKT West	12/23/17	28,1	5.070	6,99	199,80	2,62	0	0	966	7,0	98,0	144	216	180	1.163	641	3,5	-	3,8	7,68
NKT_HP12	Outlier (Amer Inflow)	10/14/17	29,8	576	7,82	217	3,23	-	-	50	2,1	44,2	21,9	20,4	15,1	21	329	0,6	22,8	0,1	-3,03
NKT_HP12	Outlier (Amer Inflow)	12/23/17	27,6	575	7,44	160,30	4,04	-	-	54	2,6	43,0	21	17	14	22	305	0,6	-	0,0	0,83
KK_BW08	Outlier (Amer Plain)	12/30/16	26,1	7.630	6,59	159	2,29	0,05	0	713	44,0	374	165	270	530	1.600	653	0,0	-	4,4	-5,04
KK_BW08	Outlier (Amer Plain)	4/3/17	29,7	7.470	6,99	216	2,34	0,025	0	688	52,0	425	183	274	559	1.860	641	5,0	-	4,8	-7,85
KK_BW08	Outlier (Amer Plain)	10/13/17	29,3	7.450	6,57	168	2,21	0,05	0,05	1.029	45,1	452	193,0	229	564	2.133	653	4,5	40,1	5,0	-1,14
KK_BW08	Outlier (Amer Plain)	12/22/17	28,2	7.680	6,63	201,80	2,96	-	-	1.050	51,0	443	192	222	543	1.964	592	4,4	-	4,7	2,97
KK_OBS02	Outlier (Amer Pz.)	12/28/16	29	1.909	8,57	-192	0,16	0	3	210	5,0	16,0	44	0	1	536	122	0,1	-	0,7	-11,22
KK_OBS02	Outlier (Amer Pz.)	4/7/17	30,5	1.849	8,46	-190	0,20	0	2	171	20,0	121	38,0	0,2	0,5	541	146	0,5	-	1,0	-1,61
NKT_DW02	Outlier (NKT Dug well)	11/12/16	26,8	4.650	7,1	267	7,14	0,025	0	485	4,0	169	119	140	165	1.000	751	3,7	-	2,5	-7,91
NKT_DW02	Outlier (NKT Dug well)	4/3/17	28,1	4.510	7,43	255	6,69	-	-	427	6,4	122	105	144	162	960	732	4,0	-	2,7	-14,45
Rain	Rain	1/26/17	16,9	53	6,23	293	8,99	-	-	0,5	0,0	2,7	0	5	11	2	12	0,0	-	0,0	-50,40
KK_LAKE01	Taalaab	11/14/16	23,8	1.321	9,54	182	12,73	0	-	120	30,0	40,0	34	2	43	250	238	0,5	-	0,0	-4,86
KK_LAKE01	Taalaab	10/14/17	27,2	843	11,04	44	20,62	0	0,05	112	22,0	30,0	6,7	1,1	23,0	140	159	0,3	-	0,1	3,01

Table S3 Results from stable isotopes analysis of water samples used for interpretation.

Well ID	Sub-group	Date	$\delta^{18}\text{O}_{\text{VSMOW}}$ [‰]	sd $\delta^{18}\text{O}$ [‰]	$\delta^2\text{H}_{\text{VSMOW}}$ [‰]	sd $\delta^2\text{H}$ [‰]	DE	T [°C]	T _{air} [°C]	Altitude [masl]
KK_HP04	Amer Hillside	8/24/17	-3.39	0.07	-26.88	0.06	0.22	28.3	28.9	465
KK_HP01	Amer Hillside	8/24/17	-4.18	0.04	-30.58	0.14	2.85	30.1	29.3	414
KK_HP10	Amer Hillside	8/24/17	-3.05	0.11	-25.76	0.30	-1.35	28.6	30.7	409
KK_HP01	Amer Hillside	8/31/17	-3.28	0.15	-25.74	0.55	0.50	28.8	27.3	414
KK_HP04	Amer Hillside	8/31/17	-3.40	0.08	-27.00	0.21	0.21	27.6	26.4	465
KK_HP10	Amer Hillside	8/31/17	-3.25	0.05	-25.62	0.28	0.37	27.4	26.4	409
KK_HP01	Amer Hillside	9/7/17	-3.41	0.05	-27.71	0.13	-0.46	29.2	27.8	414
KK_HP04	Amer Hillside	9/7/17	-3.48	0.11	-27.79	0.54	0.03	28.4	28.6	465
KK_HP10	Amer Hillside	9/7/17	-3.13	0.06	-26.21	0.47	-1.19	28.3	28.5	409
KK_HP01	Amer Hillside	9/14/17	-3.36	0.13	-27.09	0.73	-0.24	28.6	26.6	414
KK_HP04	Amer Hillside	9/15/17	-3.22	0.05	-27.03	0.33	-1.26	31.1	38.7	465
KK_HP10	Amer Hillside	9/15/17	-3.14	0.02	-26.26	0.12	-1.17	29.9	36.5	409
KK_HP01	Amer Hillside	9/22/17	-3.33	0.16	-27.47	0.76	-0.82	28.8	28.5	414
KK_HP04	Amer Hillside	9/22/17	-3.33	0.04	-27.27	0.12	-0.66	29.8	30	465
KK_HP10	Amer Hillside	9/22/17	-3.10	0.14	-25.80	0.66	-0.99	29.6	31.7	409
KK_HP01	Amer Hillside	9/29/17	-3.31	0.11	-27.57	0.55	-1.06	28.9	29.1	414
KK_HP04	Amer Hillside	9/29/17	-3.22	0.09	-27.39	0.17	-1.62	27.9	29.6	465
KK_HP10	Amer Hillside	9/29/17	-3.12	0.15	-25.80	0.62	-0.84	28.4	29.4	409
KK_HP01	Amer Hillside	10/11/17	-3.44	0.15	-27.90	0.67	-0.38	29.3	29.5	414
KK_HP15	Amer Hillside	10/12/17	-4.25	0.07	-32.16	0.73	1.88	-	28.9	412
KK_HP10	Amer Hillside	10/12/17	-3.10	0.08	-25.16	0.59	-0.34	28.8	29.6	409
KK_BW03	Amer Hillside	10/13/17	-4.07	0.07	-29.55	0.32	3.03	28.8	27.3	419
KK_HP04	Amer Hillside	10/13/17	-3.40	0.07	-27.87	0.67	-0.68	28.4	28.8	465
KK_HP16	Amer Hillside	10/14/17	-4.80	0.08	-33.91	0.57	4.46	29.2	28.9	423
KK_HP02	Amer Hillside	10/14/17	-4.75	0.04	-33.12	0.62	4.85	30.2	25.5	405
KK_HP01	Amer Hillside	11/1/17	-4.21	0.12	-29.87	0.36	3.77	29.2	31	414
KK_HP10	Amer Hillside	11/1/17	-3.30	0.06	-25.96	0.71	0.47	28.2	30.3	409
KK_HP04	Amer Hillside	11/1/17	-3.55	0.07	-27.65	0.22	0.72	27.8	29.3	465
KK_HP01	Amer Hillside	11/11/17	-3.96	0.17	-29.98	0.76	1.72	28.7	27.1	414
KK_HP04	Amer Hillside	11/11/17	-3.34	0.14	-27.57	0.43	-0.88	28.1	28.2	465
KK_HP10	Amer Hillside	11/11/17	-3.27	0.07	-27.17	0.22	-1.02	27.7	27.3	409
KK_HP01	Amer Hillside	11/16/17	-4.04	0.10	-29.66	0.84	2.69	-	26.8	414
KK_HP04	Amer Hillside	11/16/17	-3.57	0.13	-27.76	0.71	0.84	28.4	30.4	465
KK_HP10	Amer Hillside	11/16/17	-3.39	0.06	-27.18	0.31	-0.04	27.4	27	409
KK_HP01	Amer Hillside	12/1/17	-3.98	0.02	-29.83	0.19	2.04	27	18.3	414
KK_HP04	Amer Hillside	12/1/17	-3.47	0.02	-27.42	0.21	0.35	28.5	30.2	465
KK_HP10	Amer Hillside	12/1/17	-3.39	0.07	-26.97	0.32	0.17	27.5	26.3	409
KK_HP01	Amer Hillside	12/7/17	-4.09	0.03	-30.12	0.32	2.63	27.5	21.6	414
KK_HP04	Amer Hillside	12/7/17	-3.48	0.03	-27.55	0.32	0.26	27.1	18.9	465
KK_HP10	Amer Hillside	12/7/17	-3.34	0.02	-27.68	0.12	-0.97	26.4	20.1	409
KK_HP24	Amer Hillside	12/20/17	-3.19	0.02	-25.37	0.05	0.14	25.8	18.7	385
KK_BW03	Amer Hillside	12/21/17	-3.66	0.01	-28.49	0.23	0.75	28	24.4	419
KK_HP02	Amer Hillside	12/22/17	-4.37	0.04	-31.54	0.28	3.40	27	21.4	405
KK_HP24	Amer Hillside	10/12/17	-3.60	0.07	-26.95	0.15	1.88	28	-	385
KK_HP01	Amer Hillside	11/14/16	-3.28	0.04	-27.21	0.22	-0.99	28.4	-	414
KK_HP16	Amer Hillside	11/14/16	-4.94	0.08	-35.10	0.14	4.38	28.8	-	423
KK_HP10	Amer Hillside	10/10/18	-2.45	0.07	-21.90	0.47	-2.29	28.3	30.1	409
NKT_BW42	NKT East	10/10/17	-4.58	0.11	-33.72	0.74	2.95	29.7	28.6	384
NKT_BW25	NKT East	10/10/17	-4.41	0.08	-33.79	0.59	1.52	29.3	28.4	381
NKT_BW42	NKT East	11/8/16	-4.52	0.05	-33.36	0.28	2.83	28.7	-	384
NKT_BW25	NKT East	11/8/16	-4.63	0.06	-33.95	0.20	3.07	27.2	-	381
KK_HP03	Amer Valley	8/24/17	-3.56	0.12	-29.04	0.48	-0.57	27.8	27.6	415
KK_HP19	Amer Valley	8/24/17	-3.49	0.17	-29.51	0.40	-1.60	29.2	27.6	394
KK_HP03	Amer Valley	8/31/17	-3.60	0.10	-28.84	0.22	-0.05	27.5	27.4	415
KK_HP19	Amer Valley	8/31/17	-3.45	0.09	-28.73	0.10	-1.12	28.3	26.6	394

Well ID	Sub-group	Date	$\delta^{18}\text{O}_{\text{VSMOW}}$ [‰]	sd $\delta^{18}\text{O}$ [‰]	$\delta^2\text{H}_{\text{VSMOW}}$ [‰]	sd $\delta^2\text{H}$ [‰]	DE	T [°C]	T _{air} [°C]	Altitude [masl]
KK_HP03	Amer Valley	9/7/17	-3.54	0.04	-28.27	0.29	0.03	27.9	27.5	415
KK_HP19	Amer Valley	9/7/17	-3.36	0.02	-29.75	0.14	-2.87	28.3	27.6	394
KK_HP03	Amer Valley	9/14/17	-3.64	0.10	-28.88	0.25	0.25	27.4	26.5	415
KK_HP19	Amer Valley	9/14/17	-3.18	0.20	-29.08	0.64	-3.65	28.2	26.5	394
KK_HP03	Amer Valley	9/22/17	-3.57	0.05	-29.17	0.10	-0.58	27.9	27.2	415
KK_HP19	Amer Valley	9/22/17	-3.21	0.13	-28.87	0.65	-3.17	28.8	27.7	394
KK_HP03	Amer Valley	9/29/17	-3.51	0.04	-29.08	0.17	-0.99	27.5	28	415
KK_HP19	Amer Valley	9/29/17	-3.19	0.17	-28.33	0.64	-2.83	28.9	28.8	394
KK_HP03	Amer Valley	10/11/17	-3.37	0.02	-28.95	0.08	-2.00	27.3	30.6	415
KK_HP19	Amer Valley	10/11/17	-3.35	0.18	-29.30	0.74	-2.47	28.7	27.7	394
KK_BW02	Amer Valley	10/13/17	-3.25	0.06	-28.33	0.29	-2.30	27.9	26.3	394
KK_HP19	Amer Valley	11/1/17	-3.51	0.02	-29.75	0.36	-1.71	28	28.5	394
KK_HP03	Amer Valley	11/1/17	-3.70	0.09	-28.95	0.64	0.61	27.4	27.6	415
KK_HP03	Amer Valley	11/11/17	-3.35	0.12	-28.45	0.45	-1.63	27.5	27.1	415
KK_HP19	Amer Valley	11/11/17	-3.28	0.08	-29.78	0.17	-3.50	28.1	26.6	394
KK_HP03	Amer Valley	11/16/17	-3.36	0.16	-27.78	1.00	-0.92	26.9	22.7	415
KK_HP19	Amer Valley	11/16/17	-3.41	0.10	-29.06	0.64	-1.78	27.4	25.1	394
KK_HP19	Amer Valley	12/1/17	-3.42	0.01	-29.85	0.19	-2.49	27.5	25.1	394
KK_HP03	Amer Valley	12/1/17	-3.35	0.05	-28.34	0.52	-1.50	27.1	25.4	415
KK_HP03	Amer Valley	12/7/17	-3.29	0.02	-27.90	0.25	-1.60	26.1	21.7	415
KK_HP19	Amer Valley	12/7/17	-3.40	0.06	-29.96	0.56	-2.77	27.2	21.5	394
KK_HP23	Amer Valley	10/13/17	-3.31	0.08	-27.66	0.19	-1.14	28	-	383
KK_HP03	Amer Valley	10/10/18	-2.60	0.06	-24.21	0.34	-3.40	27.9	30	415
PHED01	Amer Plain	10/14/17	-4.69	0.14	-32.34	0.55	5.19	29.6	28.5	394
NKT_BW01	Amer Plain	10/10/17	-3.38	0.04	-28.44	0.06	-1.41	28	-	384
NKT_BW09	Amer Plain	10/10/17	-4.38	0.05	-32.93	0.13	2.14	29	-	382
NKT_BW15	Amer Plain	10/10/17	-3.38	0.04	-28.37	0.43	-1.35	28	-	392
KK_HP20	Amer Plain	10/14/17	-3.90	0.08	-29.46	0.23	1.72	28	-	399
PHED03	Amer Plain	10/14/17	-2.75	0.03	-23.35	0.23	-1.33	28	-	383
KK_BW09	Amer Plain	10/14/17	-3.27	0.05	-26.70	0.26	-0.53	29	-	388
NKT_BW01	Amer Plain	11/8/16	-3.54	0.05	-28.61	0.18	-0.32	27.9	-	384
NKT_BW06	Amer Plain	11/9/16	-4.00	0.07	-31.40	0.22	0.59	27.8	-	380
NKT_BW15	Amer Plain	11/9/16	-3.34	0.09	-28.06	0.12	-1.31	27.7	-	392
NKT_BW01	Amer Plain	11/12/16	-3.55	0.03	-29.17	0.24	-0.80	26.3	-	384
NKT_BW41	NKT North	10/12/17	-3.11	0.05	-27.33	0.16	-2.45	29.4	28.3	385
NKT_BW41	NKT North	12/24/17	-3.23	0.06	-27.40	0.53	-1.52	27.6	23.5	385
NKT_BW41	NKT North	11/8/16	-3.26	0.03	-27.37	0.13	-1.33	27.6	-	385
NKT_BW41	NKT North	11/20/17	-3.26	0.04	-27.38	0.14	-1.32	-	-	385
NKT_BW03	NKT West	10/9/17	-3.39	0.12	-28.54	0.76	-1.40	29.7	33.1	374
NKT_BW47	NKT West	10/10/17	-3.28	0.13	-28.13	0.51	-1.87	28.4	26.8	379
NKT_HPO4	NKT West	10/9/17	-3.23	0.09	-27.08	0.37	-1.24	27	-	382
NKT_HPO1	NKT West	10/9/17	-4.30	0.06	-32.80	0.12	1.58	28	-	388
NKT_BW13	NKT West	10/9/17	-3.88	0.05	-31.09	0.17	-0.06	29	-	384
NKT_BW49	NKT West	10/9/17	-4.33	0.09	-32.58	0.34	2.03	29	-	381
NKT_HPO4	NKT West	11/8/16	-3.29	0.11	-26.88	0.11	-0.57	28.8	-	382
NKT_BW03	NKT West	11/8/16	-4.61	0.04	-33.59	0.21	3.27	30.8	-	374
NKT_BW03	NKT West	11/9/16	-3.39	0.13	-28.71	0.16	-1.59	27.8	-	374
NKT_BW49	NKT West	11/9/16	-4.37	0.05	-32.89	0.16	2.03	29.2	-	381
NKT_BW13	NKT West	11/9/16	-3.79	0.04	-30.22	0.10	0.08	28.1	-	384
KK_LAKE02	Historic Reservoir	8/24/17	5.78	0.14	19.44	0.67	-26.80	-	-	430
KK_LAKE03	Historic Reservoir	8/24/17	5.85	0.23	15.85	1.01	-30.93	29.6	28.7	465
KK_LAKE02	Historic Reservoir	8/31/17	3.65	0.17	9.61	0.35	-19.61	27.9	27.6	430
KK_LAKE03	Historic Reservoir	8/31/17	4.78	0.07	11.62	0.45	-26.64	28.4	27.6	465
KK_LAKE02	Historic Reservoir	9/7/17	3.40	0.11	7.76	0.36	-19.47	28	27.5	430
KK_LAKE03	Historic Reservoir	9/7/17	4.65	0.05	11.16	0.23	-26.02	28.1	26.6	465
KK_LAKE02	Historic Reservoir	9/14/17	3.69	0.09	8.69	0.91	-20.84	28.8	27.7	430
KK_LAKE03	Historic Reservoir	9/14/17	4.98	0.05	12.21	0.06	-27.59	28.7	27	465

Well ID	Sub-group	Date	$\delta^{18}\text{O}_{\text{VSMOW}}$ [‰]	sd $\delta^{18}\text{O}$ [‰]	$\delta^2\text{H}_{\text{VSMOW}}$ [‰]	sd $\delta^2\text{H}$ [‰]	DE	T [°C]	T _{air} [°C]	Altitude [masl]
KK_LAKE02	Historic Reservoir	9/22/17	4.00	0.10	9.99	0.45	-22.03	27.2	27.5	430
KK_LAKE03	Historic Reservoir	9/22/17	5.16	0.07	12.66	0.21	-28.60	27.5	26.5	465
KK_LAKE02	Historic Reservoir	9/29/17	4.20	0.10	10.48	0.20	-23.10	26.5	26.6	430
KK_LAKE03	Historic Reservoir	9/29/17	5.32	0.17	13.17	0.64	-29.35	27.2	27.3	465
KK_LAKE02	Historic Reservoir	10/12/17	4.71	0.23	13.36	0.77	-24.31	25.3	24.1	430
KK_LAKE02	Historic Reservoir	11/1/17	5.14	0.12	15.83	0.55	-25.25	22.6	30.3	430
KK_LAKE03	Historic Reservoir	11/2/17	6.74	0.07	19.57	0.68	-34.32	-	-	465
KK_LAKE02	Historic Reservoir	11/11/17	5.33	0.25	16.91	0.31	-25.74	20.7	25.7	430
KK_LAKE03	Historic Reservoir	11/11/17	6.90	0.05	21.47	0.34	-33.75	22	25	465
KK_LAKE02	Historic Reservoir	11/16/17	5.65	0.05	16.60	0.44	-28.61	19.4	25.8	430
KK_LAKE03	Historic Reservoir	11/16/17	7.21	0.09	22.20	0.16	-35.50	20.3	24.1	465
KK_LAKE02	Historic Reservoir	12/1/17	6.00	0.06	18.35	0.69	-29.68	15.6	19.7	430
KK_LAKE02	Historic Reservoir	12/7/17	6.07	0.05	18.90	0.48	-29.65	20.7	25.6	430
KK_LAKE03	Historic Reservoir	12/7/17	7.77	0.05	24.53	0.53	-37.63	18.9	23.4	465
KK_LAKE02	Historic Reservoir	10/10/18	0.00	0.03	-12.29	0.81	-12.31	23.7	29.5	430
KK_LAKE03	Historic Reservoir	10/10/18	2.86	0.07	-0.28	0.50	-23.17	23.1	28.9	465
KK_LAKE01	Taalaab	10/14/17	0.90	0.12	-10.20	0.54	-17.44	27.2	31.2	394
KK_LAKE01	Taalaab	10/14/17	1.19	0.14	-8.91	0.21	-18.43	27.2	31.2	394
KK_LAKE01	Taalaab	11/14/16	0.21	0.08	-16.54	0.08	-18.23	23.8	-	394
KK_Nallah	KK_Nallah	10/31/17	-2.38	0.19	-22.86	0.68	-3.83	21.5	-	-
KK_smallNallah	KK_Nallah	10/31/17	-2.88	0.14	-25.64	0.31	-2.62	-	-	-
NKT_HP12	Outlier (Amer Inflow)	12/23/17	-5.39	0.08	-37.75	0.24	5.41	27.6	24.7	382
NKT_HP12	Outlier (Amer Inflow)	10/14/17	-5.52	0.03	-38.01	0.41	6.14	30	-	382
KK_HP08	Outlier (Amer Inflow)	10/10/18	-5.84	0.03	-38.84	0.63	7.91	30.3	35.7	418
NKT_HP12	Outlier (Amer Inflow)	10/15/18	-5.63	0.07	-37.38	0.14	7.69	28.6	-	382
KK_BW08	Outlier (Amer Plain)	10/13/17	-3.80	0.09	-28.03	0.81	2.34	29.3	30.9	387
NKT_DW02	Outlier (NKT Dug well)	11/8/16	-3.42	0.06	-27.88	0.11	-0.50	26.9	-	384
NKT_DW02	Outlier (NKT Dug well)	11/12/16	-3.31	0.06	-28.61	0.28	-2.11	26.8	-	384
KK_HP26	KK_HP26	10/10/18	5.73	0.06	17.31	0.52	-28.57	26.7	25.6	429
Rain	Rain	1/26/17	-4.84	0.04	-22.47	0.21	16.21	-	-	-
Rain	Rain	1/26/17	-1.60	0.05	0.28	0.10	13.10	-	-	-
Rain	Rain	1/26/17	-0.75	0.06	3.81	0.28	9.80	-	-	-
Rain	Rain	3/10/17	2.35	0.06	34.11	0.18	15.34	-	-	-
Rain	Rain	7/29/17	-14.12	0.03	-102.11	0.23	10.84	-	-	-
Rain	Rain	7/29/17	-14.14	0.04	-101.11	0.60	12.02	-	-	-
Rain	Rain	7/29/17	-14.16	0.07	-102.22	0.26	11.03	-	-	-
Rain	Rain	8/31/17	-12.83	0.03	-91.13	0.21	11.48	-	-	-
Rain	Rain	9/6/17	-1.71	0.11	-7.53	0.34	6.17	-	-	-
Rain	Rain	9/12/17	1.48	0.11	13.80	0.32	1.97	-	-	-
Rain	Rain	9/13/17	-0.29	0.23	8.70	0.52	11.03	-	-	-
Rain	Rain	12/11/17	1.23	0.06	12.4	0.29	2.55	-	-	-

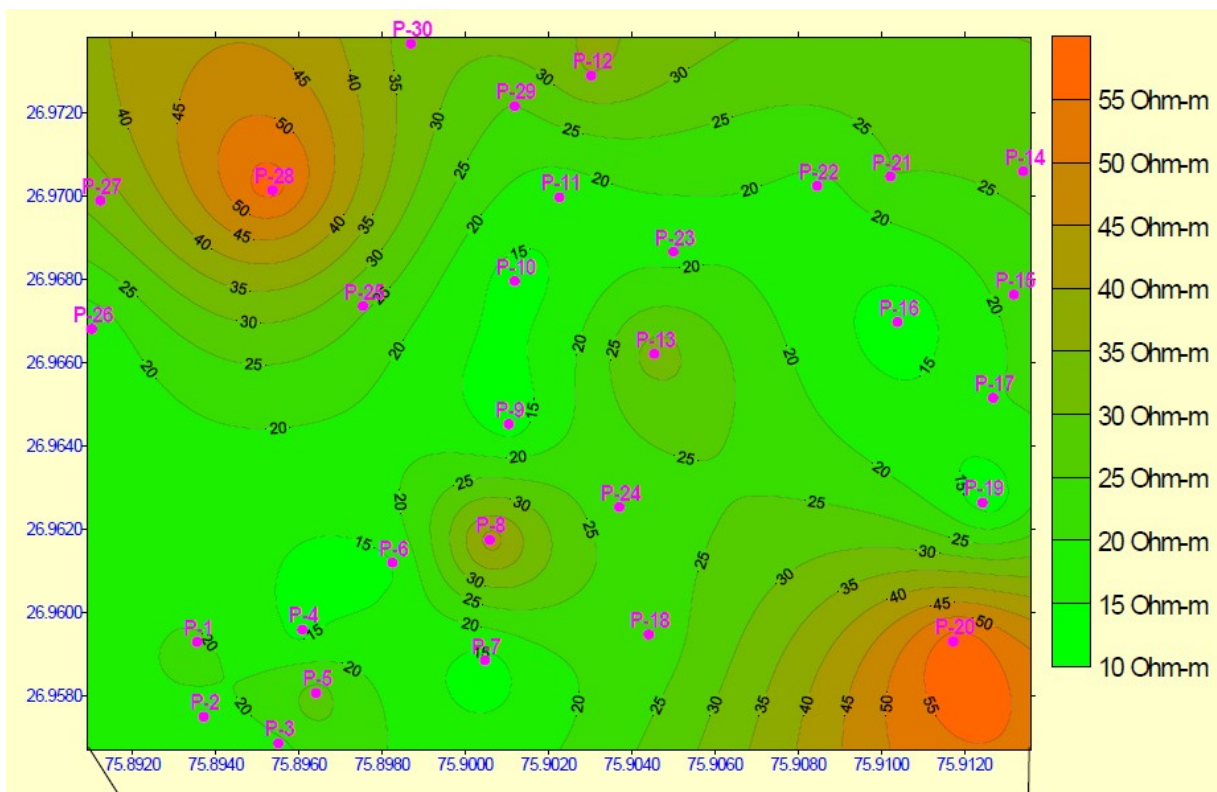


Fig. S1 ISO resistivity section at 20 m depth. Purple points show locations of geoelectrical resistivity soundings.

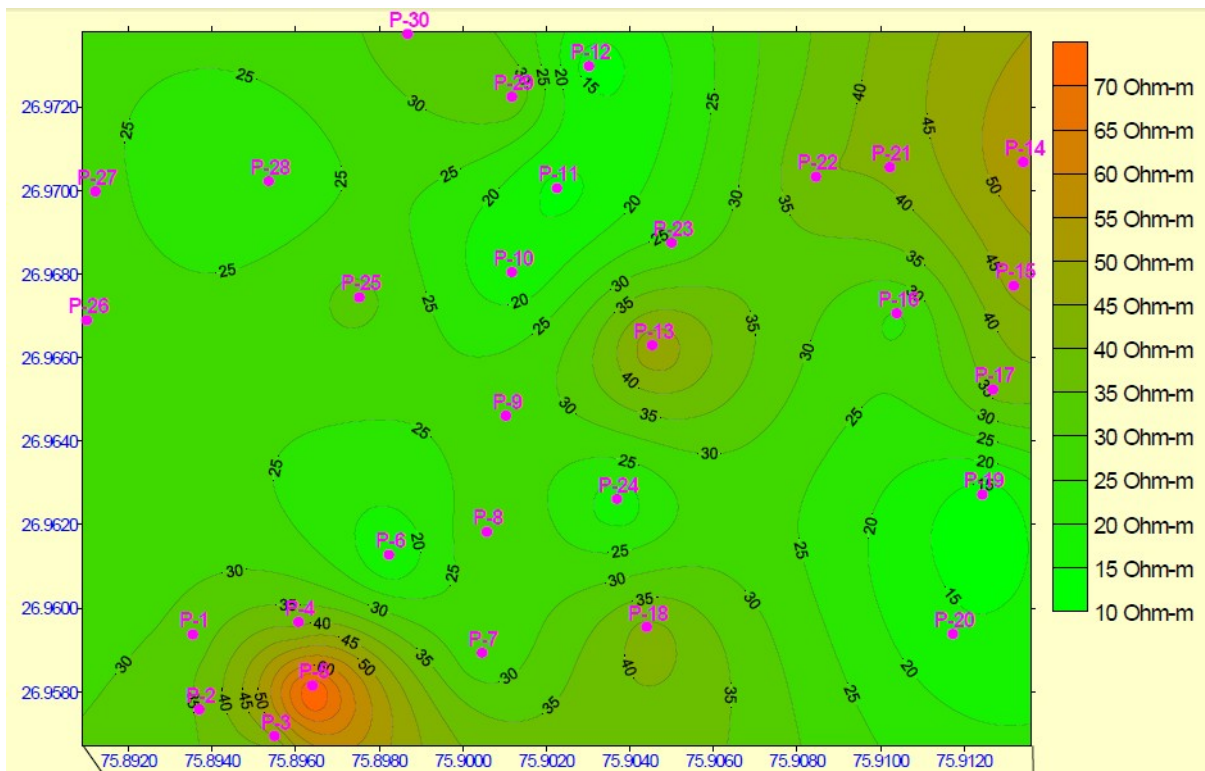


Fig. S2 ISO resistivity section at 40 m depth. Purple points show locations of geoelectrical resistivity soundings. Attention: Scale is different to 20 m section.

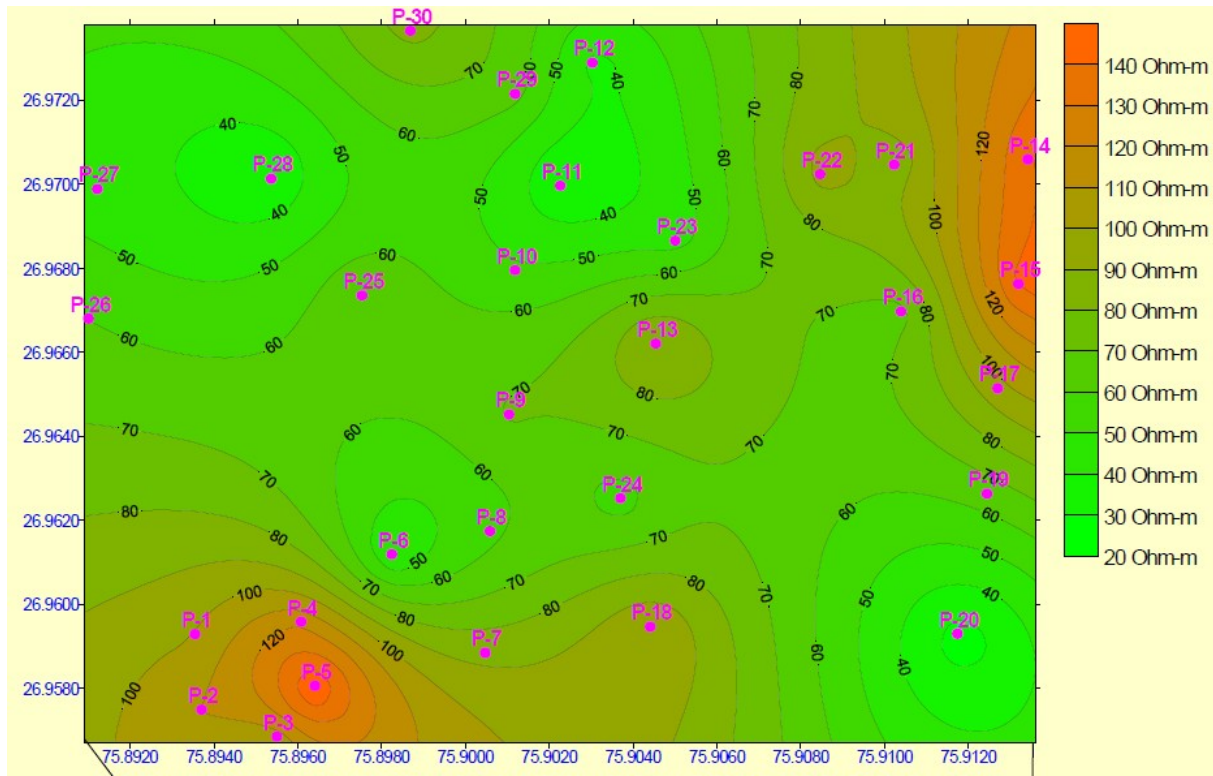


Fig. S3 ISO resistivity section at 60 m depth. Purple points show locations of geoelectrical resistivity soundings. Attention: Scale is different to 20 and 40 m section.

Table S4 Depth to water measurements.

Well ID	Date	Longitude	Latitude	Altitude GPS [masl]	Water Table [masl]	Depth to Water [m]	Altitude DGPS [masl]
KK_DW01	7/5/15	75,862117	26,990117	405			397,172
KK_DW06	7/5/15	75,850450	26,992417	436			
KK_DW01	9/26/15	75,862117	26,990117	405			397,172
KK_DW02	9/26/15	75,860133	26,989317	404	390	14	399,272
KK_DW06	9/26/15	75,850450	26,992417	436	424	12	
KK_OBS03	9/26/15	75,850450	26,992417	436			
KK_SW03	10/19/16	75,862317	26,985833	410	399	11	395,872
KK_DW03	10/19/16	75,856333	26,988733	415	403	12	404,574
KK_DW09	10/19/16	75,854400	26,986850	421			408,587
KK_DW04	10/19/16	75,851483	26,990617	414			413,699
KK_DW08	10/19/16	75,851533	26,989283	432			415,360
KK_BW06	10/19/16	75,850633	26,992267	423	413	10	
KK_DW05	10/19/16	75,851117	26,991050	422	412	10	
KK_DW06	10/19/16	75,850450	26,992417	436	424	12	
KK_DW07	10/19/16	75,850733	26,989117	428			
KK_SW01	10/19/16	75,851117	26,991050	422			
KK_SW02	10/19/16	75,859633	26,987633	418			
NKT_BW13	10/25/16	75,901933	26,960333	384	358	26	
NKT_DW02	10/25/16	75,900917	26,968700	384	350	34	
KK_DW10	10/26/16	75,862967	26,985700	405	394	11	
KK_DW11	10/26/16	75,861900	26,986917	404	393	11	
KK_OBS01	10/26/16	75,863033	26,985100	406	395	11	
NKT_BW16	11/4/16	75,902267	26,965317	386	359	27	
KK_SW03	11/16/16	75,862317	26,985833	410	398	12	395,872
KK_DW12	11/16/16	75,861350	26,988900	401	389	12	397,056
KK_DW01	11/16/16	75,862117	26,990117	405	392	13	397,172
KK_DW01	12/3/16	75,862117	26,990117	405	391	14	397,172
KK_DW09	12/6/16	75,854400	26,986850	421	410	11	408,587
KK_DW04	12/6/16	75,851483	26,990617	414			413,699
KK_DW07	12/6/16	75,850733	26,989117	428			
KK_DW09	12/16/16	75,854400	26,986850	421	410	11	408,587
KK_DW04	12/16/16	75,851483	26,990617	414	405	9	413,699
KK_DW08	12/16/16	75,851533	26,989283	432	419	13	415,360
KK_BW06	12/16/16	75,850633	26,992267	423	413	10	
KK_DW05	12/16/16	75,851117	26,991050	422	412	10	
KK_DW06	12/16/16	75,850450	26,992417	436	419	17	
KK_DW07	12/16/16	75,850733	26,989117	428	412	16	
KK_DW17	12/16/16	75,864800	26,982600	408	387	21	
KK_OBS03	12/16/16	75,850450	26,992417	436			
KK_DW18	12/17/16	75,870933	26,991167	390	373	17	389,132
KK_SW07	12/17/16	75,869217	26,989117	393	374	19	391,495
KK_DW19	12/17/16	75,871567	26,990917	400	382	18	
KK_DW20	12/17/16	75,869750	26,988917	393	375	18	

Well ID	Date	Longitude	Latitude	Altitude GPS [masl]	Water Table [masl]	Depth to Water [m]	Altitude DGPS [masl]
KK_DW22	12/22/16	75,865667	26,995167	405	390	15	391,556
KK_DW21	12/22/16	75,864433	26,992150	403	387	16	
KK_DW12	12/27/16	75,861350	26,988900	401	390	11	397,056
KK_HP18	12/27/16	75,862500	26,990533	408	389	19	397,663
KK_DW13	12/27/16	75,862817	26,992300	408	389	19	402,221
KK_HP12	12/27/16	75,861867	26,991917	410	377	33	406,269
KK_OBS02	12/28/16	75,873467	26,992033	408	390	18	388,511
KK_DW02	12/28/16	75,860133	26,989317	404	392	12	399,272
KK_DW10	12/28/16	75,862967	26,985700	405	391	14	
KK_SW05	12/30/16	75,866133	26,979800	391	369	22	389,583
KK_DW25	12/30/16	75,871500	26,975100	393	374	19	
NKT_BW02	1/19/17	75,900917	26,963733	380	356	24	
KK_OBS02	2/25/17	75,873467	26,992033	408			388,511
KK_DW18	2/25/17	75,870933	26,991167	390	372	18	389,132
KK_DW22	2/25/17	75,865667	26,995167	405	389	16	391,556
KK_DW12	2/25/17	75,861350	26,988900	401	390	11	397,056
KK_DW01	2/25/17	75,862117	26,990117	405	391	14	397,172
KK_DW02	2/25/17	75,860133	26,989317	404	392	12	399,272
KK_DW13	2/25/17	75,862817	26,992300	408	389	19	402,221
KK_DW03	2/25/17	75,856333	26,988733	415	403	12	404,574
KK_DW09	2/25/17	75,854400	26,986850	421	410	11	408,587
KK_DW04	2/25/17	75,851483	26,990617	414	404	10	413,699
KK_DW08	2/25/17	75,851533	26,989283	432	419	13	415,360
KK_DW05	2/25/17	75,851117	26,991050	422	412	10	
KK_DW07	2/25/17	75,850733	26,989117	428	412	16	
KK_DW19	2/25/17	75,871567	26,990917	400	381	19	
KK_DW21	2/25/17	75,864433	26,992150	403	385	18	
KK_DW30	2/26/17	75,870917	26,968383	391	387	4	380,351
KK_DW29	2/26/17	75,868867	26,964817	387	380	7	381,926
KK_DW28	2/26/17	75,867750	26,976400	394	374	20	385,896
KK_SW05	2/26/17	75,866133	26,979800	391	367	24	389,583
KK_SW07	2/26/17	75,869217	26,989117	393	372	21	391,495
KK_SW04	2/26/17	75,866150	26,983133	407	384	23	391,731
KK_SW03	2/26/17	75,862317	26,985833	410	395	15	395,872
KK_DW11	2/26/17	75,861900	26,986917	404	390	14	
KK_DW17	2/26/17	75,864800	26,982600	408	385	23	
KK_DW20	2/26/17	75,869750	26,988917	393	374	19	
KK_DW25	2/26/17	75,871500	26,975100	393	372	21	
KK_SW06	2/26/17	75,863783	26,988900	401	377	24	
KK_SW09	2/26/17	75,869317	26,965533	393	386	7	
NKT_DW08	2/28/17	75,873950	26,974883	388	368	20	
NKT_DW09	2/28/17	75,879067	26,977233	390	370	20	
NKT_DW10	2/28/17	75,876683	26,972883	390	374	16	
NKT_DW11	3/2/17	75,869833	26,961583	395	391	4	380,541

Well ID	Date	Longitude	Latitude	Altitude GPS [masl]	Water Table [masl]	Depth to Water [m]	Altitude DGPS [masl]
KK_DW36	3/2/17	75,870033	26,979100	398	373	25	387,051
KK_DW31	3/2/17	75,864450	26,983717	400	378	22	
KK_DW32	3/2/17	75,863533	26,984067	403	382	21	
KK_DW33	3/2/17	75,864433	26,980750	399	376	23	
KK_DW35	3/2/17	75,868800	26,980533	391	367	24	
KK_DW37	3/2/17	75,869600	26,976183	398	377	21	
NKT_DW12	3/2/17	75,882350	26,964417	376	370	6	
NKT_DW20	3/4/17	75,892817	26,960383	376	363	13	369,735
NKT_DW23	3/4/17	75,890333	26,953817	384	361	23	375,282
NKT_DW19	3/4/17	75,879883	26,955100	386	370	16	377,003
NKT_DW17	3/4/17	75,877067	26,950883	391	372	19	381,149
KK_DW38	3/4/17	75,874900	26,991683	394	374	20	386,797
NKT_DW14	3/4/17	75,875683	26,990800	389	366	23	
NKT_DW21	3/4/17	75,896483	26,960050	400	380	20	
NKT_DW22	3/4/17	75,888367	26,952517	386	360	26	
NKT_DW24	3/4/17	75,887783	26,957900	382	360	22	
KK_OBS02	4/7/17	75,873467	26,992033	408	386	22	388,511
KK_DW29	4/18/17	75,868867	26,964817	387	380	7	381,926
KK_DW28	4/18/17	75,867750	26,976400	394	373	21	385,896
KK_SW05	4/18/17	75,866133	26,979800	391			389,583
KK_DW22	4/18/17	75,865667	26,995167	405			391,556
KK_SW04	4/18/17	75,866150	26,983133	407	381	26	391,731
KK_SW03	4/18/17	75,862317	26,985833	410			395,872
KK_DW12	4/18/17	75,861350	26,988900	401	388	13	397,056
KK_DW01	4/18/17	75,862117	26,990117	405	388	17	397,172
KK_HP18	4/18/17	75,862500	26,990533	408	384	24	397,663
KK_DW02	4/18/17	75,860133	26,989317	404	390	14	399,272
KK_DW13	4/18/17	75,862817	26,992300	408			402,221
KK_DW03	4/18/17	75,856333	26,988733	415	403	12	404,574
KK_HP12	4/18/17	75,861867	26,991917	410	388	22	406,269
KK_DW09	4/18/17	75,854400	26,986850	421	409	12	408,587
KK_DW04	4/18/17	75,851483	26,990617	414	404	10	413,699
KK_DW08	4/18/17	75,851533	26,989283	432	418	14	415,360
KK_DW05	4/18/17	75,851117	26,991050	422	411	11	
KK_DW07	4/18/17	75,850733	26,989117	428	411	17	
KK_DW11	4/18/17	75,861900	26,986917	404	388	16	
KK_DW17	4/18/17	75,864800	26,982600	408			
KK_DW21	4/18/17	75,864433	26,992150	403			
KK_DW31	4/18/17	75,864450	26,983717	400			
KK_DW32	4/18/17	75,863533	26,984067	403	380	23	
KK_DW33	4/18/17	75,864433	26,980750	399	374	25	
KK_SW06	4/18/17	75,863783	26,988900	401			
KK_SW09	4/18/17	75,869317	26,965533	393	384	9	
KK_DW30	4/19/17	75,870917	26,968383	391	386	5	380,351

Well ID	Date	Longitude	Latitude	Altitude GPS [masl]	Water Table [masl]	Depth to Water [m]	Altitude DGPS [masl]
NKT_DW11	4/19/17	75,869833	26,961583	395	391	4	380,541
KK_DW38	4/19/17	75,874900	26,991683	394	372	22	386,797
KK_DW36	4/19/17	75,870033	26,979100	398	372	26	387,051
KK_OBS02	4/19/17	75,873467	26,992033	408	384	24	388,511
KK_DW18	4/19/17	75,870933	26,991167	390	370	20	389,132
KK_SW07	4/19/17	75,869217	26,989117	393	370	23	391,495
KK_DW19	4/19/17	75,871567	26,990917	400	378	22	
KK_DW20	4/19/17	75,869750	26,988917	393	370	23	
KK_DW25	4/19/17	75,871500	26,975100	393	372	21	
KK_DW35	4/19/17	75,868800	26,980533	391			
KK_DW37	4/19/17	75,869600	26,976183	398			
KK_HP25	4/19/17	75,875383	26,984300	398			
NKT_DW08	4/19/17	75,873950	26,974883	388	369	19	
NKT_DW14	4/19/17	75,875683	26,990800	389	363	26	
NKT_HP10	4/19/17	75,875633	26,983350	389			
NKT_HP11	4/19/17	75,873650	26,979200	394	370	24	
NKT_DW20	4/21/17	75,892817	26,960383	376	363	13	369,735
NKT_DW26	4/21/17	75,883833	26,962317	379	370	9	374,300
NKT_DW23	4/21/17	75,890333	26,953817	384	360	24	375,282
NKT_DW19	4/21/17	75,879883	26,955100	386	369	17	377,003
NKT_DW17	4/21/17	75,877067	26,950883	391	375	16	381,149
NKT_DW25	4/21/17	75,882950	26,962967	382	375	7	
KK_HP18	4/29/17	75,862500	26,990533	408	382	26	397,663
NKT_DW30	5/7/17	75,891967	26,975700	386			378,664
KK_DW39	5/7/17	75,887117	27,034083	399	386	13	
NKT_DW27	5/7/17	75,909033	27,021333	408			
NKT_DW28	5/7/17	75,906617	27,025533	411			
NKT_DW29	5/7/17	75,892000	27,024250	399			
NKT_DW31	5/9/17	75,919100	26,970983	374	326	48	
NKT_DW32	5/9/17	75,919000	26,951900	373	348	25	
NKT_HP07	5/11/17	75,903450	26,968167	388	357	31	373,629
NKT_OBS01	5/11/17	75,890900	27,000267	381	343	38	379,502
KK_DW12	7/15/17	75,861350	26,988900	401			397,056
KK_DW01	7/15/17	75,862117	26,990117	405			397,172
KK_HP18	7/15/17	75,862500	26,990533	408			397,663
KK_DW02	7/15/17	75,860133	26,989317	404			399,272
KK_DW03	7/15/17	75,856333	26,988733	415	404	11	404,574
KK_DW09	7/15/17	75,854400	26,986850	421	411	10	408,587
KK_DW04	7/15/17	75,851483	26,990617	414	405	9	413,699
KK_DW08	7/15/17	75,851533	26,989283	432	419	13	415,360
KK_DW05	7/15/17	75,851117	26,991050	422	412	10	
KK_DW07	7/15/17	75,850733	26,989117	428	411	17	
NKT_DW20	7/16/17	75,892817	26,960383	376	363	13	369,735
NKT_DW26	7/16/17	75,883833	26,962317	379	370	9	374,300

Well ID	Date	Longitude	Latitude	Altitude GPS [masl]	Water Table [masl]	Depth to Water [m]	Altitude DGPS [masl]
NKT_DW23	7/16/17	75,890333	26,953817	384	361	23	375,282
NKT_DW19	7/16/17	75,879883	26,955100	386	370	16	377,003
NKT_OBS01	7/16/17	75,890900	27,000267	381	341	40	379,502
KK_DW30	7/16/17	75,870917	26,968383	391	386	5	380,351
NKT_DW11	7/16/17	75,869833	26,961583	395	392	3	380,541
NKT_DW17	7/16/17	75,877067	26,950883	391	375	16	381,149
KK_DW29	7/16/17	75,868867	26,964817	387	380	7	381,926
KK_DW28	7/16/17	75,867750	26,976400	394	372	22	385,896
KK_DW36	7/16/17	75,870033	26,979100	398	371	27	387,051
KK_OBS02	7/16/17	75,873467	26,992033	408	379	29	388,511
KK_DW18	7/16/17	75,870933	26,991167	390			389,132
KK_SW07	7/16/17	75,869217	26,989117	393			391,495
KK_SW04	7/16/17	75,866150	26,983133	407			391,731
KK_DW03	7/16/17	75,856333	26,988733	415	404	11	404,574
KK_HP12	7/16/17	75,861867	26,991917	410	380	30	406,269
KK_DW09	7/16/17	75,854400	26,986850	421	411	10	408,587
KK_DW04	7/16/17	75,851483	26,990617	414	404	10	413,699
KK_DW08	7/16/17	75,851533	26,989283	432	419	13	415,360
KK_DW05	7/16/17	75,851117	26,991050	422	412	10	
KK_DW06	7/16/17	75,850450	26,992417	436	422	14	
KK_DW11	7/16/17	75,861900	26,986917	404			
KK_DW25	7/16/17	75,871500	26,975100	393	371	22	
KK_DW33	7/16/17	75,864433	26,980750	399	374	25	
KK_SW09	7/16/17	75,869317	26,965533	393	386	7	
NKT_DW02	7/16/17	75,900917	26,968700	384	352	32	
NKT_DW08	7/16/17	75,873950	26,974883	388	368	20	
NKT_DW12	7/16/17	75,882350	26,964417	376			
NKT_DW32	7/16/17	75,919000	26,951900	373	347	26	
NKT_OBS01	8/2/17	75,890900	27,000267	381	341	40	379,502
KK_BW01	8/24/17	75,862217	26,990117	403	362	41	
NKT_DW20	9/13/17	75,892817	26,960383	376	363	13	369,735
NKT_HP07	9/13/17	75,903450	26,968167	388	357	31	373,629
NKT_DW26	9/13/17	75,883833	26,962317	379	371	8	374,300
NKT_DW23	9/13/17	75,890333	26,953817	384	361	23	375,282
NKT_DW19	9/13/17	75,879883	26,955100	386	372	14	377,003
NKT_DW30	9/13/17	75,891967	26,975700	386			378,664
NKT_DW11	9/13/17	75,869833	26,961583	395	392	3	380,541
NKT_DW17	9/13/17	75,877067	26,950883	391	376	15	381,149
NKT_DW02	9/13/17	75,900917	26,968700	384	353	31	
NKT_DW31	9/13/17	75,919100	26,970983	374	327	47	
NKT_DW32	9/13/17	75,919000	26,951900	373	347	26	
NKT_OBS02	9/13/17	75,897017	26,969283	372	342	30	
KK_OBS02	9/14/17	75,873467	26,992033	408	383	25	388,511
KK_DW12	9/14/17	75,861350	26,988900	401	388	13	397,056

Well ID	Date	Longitude	Latitude	Altitude GPS [masl]	Water Table [masl]	Depth to Water [m]	Altitude DGPS [masl]
KK_DW01	9/14/17	75,862117	26,990117	405	384	21	397,172
KK_DW02	9/14/17	75,860133	26,989317	404	392	12	399,272
KK_DW13	9/14/17	75,862817	26,992300	408			402,221
KK_DW03	9/14/17	75,856333	26,988733	415	404	11	404,574
KK_HP12	9/14/17	75,861867	26,991917	410	386	24	406,269
KK_DW09	9/14/17	75,854400	26,986850	421	411	10	408,587
KK_DW04	9/14/17	75,851483	26,990617	414	406	8	413,699
KK_DW08	9/14/17	75,851533	26,989283	432	419	13	415,360
KK_BW01	9/14/17	75,862217	26,990117	403	379	24	
KK_DW05	9/14/17	75,851117	26,991050	422	411	11	
NKT_OBS01	9/15/17	75,890900	27,000267	381	342	39	379,502
KK_DW30	9/15/17	75,870917	26,968383	391	387	4	380,351
KK_DW29	9/15/17	75,868867	26,964817	387	383	4	381,926
KK_DW28	9/15/17	75,867750	26,976400	394	372	22	385,896
KK_DW38	9/15/17	75,874900	26,991683	394	369	25	386,797
KK_DW36	9/15/17	75,870033	26,979100	398	372	26	387,051
KK_DW18	9/15/17	75,870933	26,991167	390			389,132
KK_SW05	9/15/17	75,866133	26,979800	391	369	22	389,583
KK_SW07	9/15/17	75,869217	26,989117	393	371	22	391,495
KK_DW22	9/15/17	75,865667	26,995167	405	389	16	391,556
KK_SW04	9/15/17	75,866150	26,983133	407	385	22	391,731
KK_SW03	9/15/17	75,862317	26,985833	410			395,872
KK_DW10	9/15/17	75,862967	26,985700	405			
KK_DW11	9/15/17	75,861900	26,986917	404			
KK_DW17	9/15/17	75,864800	26,982600	408	388	20	
KK_DW19	9/15/17	75,871567	26,990917	400			
KK_DW20	9/15/17	75,869750	26,988917	393	372	21	
KK_DW21	9/15/17	75,864433	26,992150	403	385	18	
KK_DW25	9/15/17	75,871500	26,975100	393	372	21	
KK_DW32	9/15/17	75,863533	26,984067	403	385	18	
KK_DW33	9/15/17	75,864433	26,980750	399	379	20	
KK_DW35	9/15/17	75,868800	26,980533	391			
KK_DW37	9/15/17	75,869600	26,976183	398	376	22	
KK_SW06	9/15/17	75,863783	26,988900	401			
KK_SW09	9/15/17	75,869317	26,965533	393	389	4	
NKT_DW08	9/15/17	75,873950	26,974883	388	369	19	
KK_OBS02	10/18/17	75,873467	26,992033	408	379	29	388,511
NKT_HP07	11/4/17	75,903450	26,968167	388	357	31	373,629
NKT_BW06	11/4/17	75,897133	26,963567	380	359	21	
NKT_OBS02	11/4/17	75,897017	26,969283	372	341	31	
NKT_DW20	11/15/17	75,892817	26,960383	376	362	14	369,735
NKT_DW26	11/15/17	75,883833	26,962317	379	370	9	374,300
NKT_DW23	11/15/17	75,890333	26,953817	384	361	23	375,282
NKT_DW19	11/15/17	75,879883	26,955100	386	372	14	377,003

Well ID	Date	Longitude	Latitude	Altitude GPS [masl]	Water Table [masl]	Depth to Water [m]	Altitude DGPS [masl]
NKT_DW11	11/15/17	75,869833	26,961583	395	391	4	380,541
NKT_DW17	11/15/17	75,877067	26,950883	391	377	14	381,149
KK_DW29	11/15/17	75,868867	26,964817	387	380	7	381,926
KK_SW09	11/15/17	75,869317	26,965533	393	387	6	
NKT_DW02	11/15/17	75,900917	26,968700	384	350	34	
NKT_DW31	11/15/17	75,919100	26,970983	374	327	47	
NKT_DW32	11/15/17	75,919000	26,951900	373	347	26	
KK_DW30	11/16/17	75,870917	26,968383	391	387	4	380,351
KK_DW28	11/16/17	75,867750	26,976400	394	372	22	385,896
KK_DW38	11/16/17	75,874900	26,991683	394	366	28	386,797
KK_DW36	11/16/17	75,870033	26,979100	398	372	26	387,051
KK_OBS02	11/16/17	75,873467	26,992033	408	379	29	388,511
KK_DW18	11/16/17	75,870933	26,991167	390			389,132
KK_SW05	11/16/17	75,866133	26,979800	391			389,583
KK_SW07	11/16/17	75,869217	26,989117	393	369	24	391,495
KK_DW22	11/16/17	75,865667	26,995167	405			391,556
KK_SW04	11/16/17	75,866150	26,983133	407	380	27	391,731
KK_DW12	11/16/17	75,861350	26,988900	401			397,056
KK_DW01	11/16/17	75,862117	26,990117	405			397,172
KK_DW02	11/16/17	75,860133	26,989317	404	389	15	399,272
KK_DW13	11/16/17	75,862817	26,992300	408			402,221
KK_DW03	11/16/17	75,856333	26,988733	415	403	12	404,574
KK_HP12	11/16/17	75,861867	26,991917	410			406,269
KK_DW09	11/16/17	75,854400	26,986850	421	410	11	408,587
KK_DW04	11/16/17	75,851483	26,990617	414	404	10	413,699
KK_DW08	11/16/17	75,851533	26,989283	432	418	14	415,360
KK_BW01	11/16/17	75,862217	26,990117	403	355	48	
KK_DW05	11/16/17	75,851117	26,991050	422	412	10	
KK_DW17	11/16/17	75,864800	26,982600	408	384	24	
KK_DW19	11/16/17	75,871567	26,990917	400			
KK_DW21	11/16/17	75,864433	26,992150	403			
KK_DW25	11/16/17	75,871500	26,975100	393	372	21	
KK_DW32	11/16/17	75,863533	26,984067	403	380	23	
KK_DW33	11/16/17	75,864433	26,980750	399	375	24	
NKT_DW08	11/16/17	75,873950	26,974883	388	368	20	
KK_HP18	11/25/17	75,862500	26,990533	408	360	48	397,663
NKT_OBS01	12/4/17	75,890900	27,000267	381	341	40	379,502
NKT_HP07	12/14/17	75,903450	26,968167	388	357	31	373,629
NKT_OBS02	12/14/17	75,897017	26,969283	372	341	31	
NKT_DW26	12/20/17	75,883833	26,962317	379	370	9	374,300
NKT_DW11	12/20/17	75,869833	26,961583	395	391	4	380,541
KK_DW29	12/20/17	75,868867	26,964817	387	380	7	381,926
KK_SW09	12/20/17	75,869317	26,965533	393	384	9	
KK_DW02	12/21/17	75,860133	26,989317	404	390	14	399,272

Well ID	Date	Longitude	Latitude	Altitude GPS [masl]	Water Table [masl]	Depth to Water [m]	Altitude DGPS [masl]
KK_DW03	12/21/17	75,856333	26,988733	415	403	12	404,574
KK_DW09	12/21/17	75,854400	26,986850	421	410	11	408,587
KK_DW04	12/21/17	75,851483	26,990617	414	404	10	413,699
KK_DW08	12/21/17	75,851533	26,989283	432	418	14	415,360
KK_BW01	12/21/17	75,862217	26,990117	403			
KK_DW05	12/21/17	75,851117	26,991050	422	412	10	
KK_DW30	12/22/17	75,870917	26,968383	391	387	4	380,351
KK_DW38	12/22/17	75,874900	26,991683	394			386,797
KK_DW36	12/22/17	75,870033	26,979100	398	372	26	387,051
KK_SW07	12/22/17	75,869217	26,989117	393			391,495
KK_DW25	12/22/17	75,871500	26,975100	393	372	21	
NKT_DW08	12/22/17	75,873950	26,974883	388	368	20	
NKT_DW32	12/22/17	75,919000	26,951900	373	347	26	
NKT_DW20	12/23/17	75,892817	26,960383	376	363	13	369,735
NKT_HP07	12/23/17	75,903450	26,968167	388	357	31	373,629
NKT_DW23	12/23/17	75,890333	26,953817	384	361	23	375,282
NKT_DW19	12/23/17	75,879883	26,955100	386	372	14	377,003
NKT_OBS01	12/23/17	75,890900	27,000267	381	340	41	379,502
NKT_DW17	12/23/17	75,877067	26,950883	391	377	14	381,149
KK_DW28	12/23/17	75,867750	26,976400	394	372	22	385,896
KK_OBS02	12/23/17	75,873467	26,992033	408	380	28	388,511
KK_SW04	12/23/17	75,866150	26,983133	407			391,731
KK_DW17	12/23/17	75,864800	26,982600	408			
KK_DW32	12/23/17	75,863533	26,984067	403			
KK_DW33	12/23/17	75,864433	26,980750	399	374	25	
NKT_DW02	12/23/17	75,900917	26,968700	384	352	32	
NKT_DW31	12/23/17	75,919100	26,970983	374	326	48	
NKT_OBS02	12/23/17	75,897017	26,969283	372	341	31	
KK_DW22	10/10/18	75,865667	26,995167	405	389	16	391,556
KK_DW12	10/10/18	75,861350	26,988900	401	388	13	397,056
KK_DW01	10/10/18	75,862117	26,990117	405	383	22	397,172
KK_HP18	10/10/18	75,862500	26,990533	408	365	43	397,663
KK_DW02	10/10/18	75,860133	26,989317	404	392	12	399,272
KK_DW13	10/10/18	75,862817	26,992300	408			402,221
KK_DW03	10/10/18	75,856333	26,988733	415	404	11	404,574
KK_DW04	10/10/18	75,851483	26,990617	414	404	10	413,699
KK_DW08	10/10/18	75,851533	26,989283	432	422	10	415,360
KK_DW05	10/10/18	75,851117	26,991050	422	412	10	
KK_DW21	10/10/18	75,864433	26,992150	403	385	18	
KK_SW09	10/10/18	75,869317	26,965533	393	382	11	
NKT_DW20	10/11/18	75,892817	26,960383	376	363	13	369,735
NKT_DW26	10/11/18	75,883833	26,962317	379	371	8	374,300
NKT_DW23	10/11/18	75,890333	26,953817	384	359	25	375,282
NKT_DW19	10/11/18	75,879883	26,955100	386	372	14	377,003

Well ID	Date	Longitude	Latitude	Altitude GPS [masl]	Water Table [masl]	Depth to Water [m]	Altitude DGPS [masl]
KK_DW30	10/11/18	75,870917	26,968383	391	387	4	380,351
NKT_DW11	10/11/18	75,869833	26,961583	395	392	3	380,541
NKT_DW17	10/11/18	75,877067	26,950883	391	377	14	381,149
KK_DW29	10/11/18	75,868867	26,964817	387	378	9	381,926
KK_DW25	10/11/18	75,871500	26,975100	393	371	22	
KK_SW09	10/11/18	75,869317	26,965533	393	385	8	
NKT_DW02	10/11/18	75,900917	26,968700	384	346	38	
NKT_DW08	10/11/18	75,873950	26,974883	388	363	25	
NKT_DW31	10/11/18	75,919100	26,970983	374	331	43	
NKT_DW32	10/11/18	75,919000	26,951900	373	347	26	
NKT_OBS02	10/11/18	75,897017	26,969283	372			
NKT_OBS01	10/15/18	75,890900	27,000267	381			379,502
KK_DW28	10/15/18	75,867750	26,976400	394	372	22	385,896
KK_DW38	10/15/18	75,874900	26,991683	394			386,797
KK_DW36	10/15/18	75,870033	26,979100	398	371	27	387,051
KK_SW07	10/15/18	75,869217	26,989117	393	369	24	391,495
KK_SW04	10/15/18	75,866150	26,983133	407	383	24	391,731
KK_SW03	10/15/18	75,862317	26,985833	410	388	22	395,872
KK_DW11	10/15/18	75,861900	26,986917	404			
KK_DW17	10/15/18	75,864800	26,982600	408	388	20	
KK_DW32	10/15/18	75,863533	26,984067	403	385	18	
KK_DW33	10/15/18	75,864433	26,980750	399	379	20	
NKT_BW06	10/10/07	75,897133	26,963567	380	359	21	