

Table 3. Chemical composition of salt karst waters. Abbreviations: S – spring, St – stream, D – drip, R – rain, F – flood.

Diapir	Sample	Type	Date	Na (g/l)	K (g/l)	Ca (g/l)	Mg (g/l)	Cl (g/l)	SO <sub>4</sub> (g/l)	HCO <sub>3</sub> (mg/l)	Fe (mg/l)	Sr (mg/l)	Si (mg/l)
Jahani	J1	S	26.03.2008	109.2	0.75	1.04	0.57	157.9	4.11	95	2.92	21.1	<3.80
Jahani	J1	S	01.04.2009	104.8	0.45	1.24	0.37	150.8	3.69	140	<0.05	17.5	1.34
Jahani	J1	S	03.04.2010	109.8	0.67	1.00	0.54	174.2	4.1		1.93	20.9	2.14
Jahani	J2	S	03.04.2010	110.7	0.77	1.01	0.55	171.0	4.08		<0.05	20.8	1.72
Jahani	J3	S	03.04.2010	106.6	0.87	1.02	0.58	172.0	4.2		1.06	19.7	1.51
Jahani	J3b	St	03.04.2010	96.40	0.69	1.24	0.49	152.5	4.06		<0.05	22.2	2.74
Jahani	J5	S	02.04.2010	110.2	1.07	0.95	0.69	160.5	3.89		<0.05	18.1	1.60
Jahani	J6	St	02.04.2010	111.9	0.67	1.04	0.52	170.9	3.82		2.15	19.1	1.63
Jahani	J7	St	26.03.2008	105.4	0.81	1.08	0.58	159.7	4.04	49	3.03	21.4	<3.80
Jahani	J7	St	01.04.2009	103.0	0.69	1.11	0.54	150.4	3.78	55	<0.05	20.6	1.16
Jahani	J7	St	02.04.2010	114.2	0.79	1.06	0.59	173.3	4.16		<0.05	19.1	1.60
Jahani	J8	S	01.04.2009	103.1	1.35	1.00	0.74	148.6	4.29	49	<0.05	17.5	1.43
Jahani	J8	S	04.04.2010	110.5	1.66	0.90	0.87	174.3	4.75		0.98	17.3	1.92
Jahani	J9	S	04.04.2010	110.3	1.27	0.91	0.78	173.3	4.50		4.62	18.4	1.99
Jahani	J10	St	04.04.2010	113.8	0.90	1.01	0.63	173.8	4.21		1.01	19.2	2.33
Jahani	J11	S	04.04.2010	109.8	0.93	0.95	0.71	174.0	4.34		<0.05	18.4	2.24
Jahani	J12	St	04.04.2010	112.2	0.56	1.01	0.54	176.5	3.99		<0.05	20.2	2.38
Jahani	JL3	soil	01.04.2009	0.003	0.018	0.021	0.004	0.003	0.011	95	0.1	0.29	0.87
Jahani	F1	F	30.03.2009	0.003	0.005	0.039	0.002	0.004	0.069	45	<0.009	0.21	<0.40
Jahani	F4	F	30.03.2009	0.002	0.007	0.027	0.002	0.003	0.026	65	0.031	0.21	0.51
Jahani	F7	F	30.03.2009	0.002	0.003	0.009	0.001	0.003	0.004	30	0.023	0.06	<0.40
Jahani	F8	F	30.03.2009	15.83	0.10	1.53	0.05	25.82	3.55		<0.50	11.19	<2.00
Karmustadj	K1	S	23.03.2010	105.5	0.16	1.24	0.40	152.1	3.42		<0.05	27.2	1.45
Karmustadj	K3	S	23.03.2010	102.8	0.34	1.06	0.50	153.8	3.61		<0.05	23.8	1.58
Mesijune	M1	S	24.03.2010	107.2	0.21	1.19	0.24	173.6	3.06	95	<0.05	24.8	1.80
Namakdan	N1	St	21.04.2007	131.0	0.48	1.15	0.29	209.5	4.40		2.90	24.0	8.70
Namakdan	N4	St	21.04.2007	110.5	0.89	1.17	0.41	187.8	2.80	80	4.90	19.6	8.95
Namakdan	D1	D	22.04.2009	119.2	0.17	1.41	0.08	178.8	3.46	18	<0.50	19.99	<2.00
Namakdan	D2	D	23.04.2009	117.6	0.21	1.32	0.18	179.4	3.61		<0.50	22.81	<2.00
Namakdan	D3	D	20.04.2009	115.6	0.21	1.48	0.09	179.3	3.56	26	<0.50	23.8	<2.00
Namakdan	D5	D	20.04.2009	117.0	0.26	1.18	0.22	183.7	3.43		<0.50	22.67	<2.00
Namakdan	D6	D	20.04.2009	106.8	3.74	1.13	0.32	185.3	4.29	11	<0.50	14.06	<2.00
Namak	Nm3	S	29.03.2008	103.4	7.04	0.70	1.10	162.7	6.40	49	3.18	13.7	<3.80
Namak	Nm3	S	23.04.2009	114.0	5.39	0.73	1.09	183.8	7.62		<0.5	11.39	<2.00
Namak	Nm4	St	30.03.2010	112.8	2.06	0.56	0.70	171.3	7.69		0.13	14.8	0.86
Namak	Nm5	St	28.03.2010	105.2	0.70	1.13	0.31	149.1	3.62		<0.05	18.2	0.79
Namak	Nm6	St	28.03.2010	110.6	3.76	0.66	0.92	167.1	5.92		1.74	17.1	1.52
Namak	NL3	soil	23.04.2009	0.742	0.003	0.622	0.046	1.018	1.70	52	<0.50	1.92	<2.00
Namak	NL3	soil	29.03.2010	0.143	0.003	0.557	0.032	0.185	1.449		<0.05	3.47	4.02
Namak	NL4	F	23.04.2009	0.131	<0.002	0.574	0.003	0.129	1.435	52	<0.50	1.77	<2.00
Namak	NL4	F	29.03.2010	0.187	0.002	0.575	0.021	0.313	1.369		<0.05	6.94	3.61