Erratum: Hydrogeological research on intensively exploited deep aquifers in the ‘Loma de Úbeda’ area (Jaén, southern Spain)

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For clarity, Table 1 and Table 3 are presented again here.

Table 1 Relationship between the stratigraphy and aquifers in the area

SYSTEM	SERIES AGE	LITHOLOGY	AQUIFER
Quaternary	Holocene Pleistocene	Alluvial	Guadalquivir and Guadalimar Alluvial
Tertiary	Miocene L.	Messinian-Tortonian L.	Upper Miocene aquifer
		Tortonian L.	
		Calcarenites and calcareous breccia	Lower Miocene aquifer
	Miocene M.	Olistostromes	
Jurassic	Lias	Dolomite and Limestone	Jurassic aquifer
Triassic	Norian-Carnian	Clay and chalk marl	
	Ladinian	Clay, sandstone and conglomerate	Triassic aquifer
Paleozoic	Carboniferous L.	Granite	
	Carboniferous-Devonian	Shale and quartzite	

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Table 3 Main statistical parameters of water samples analyzed

Aquifer (no. of samples)	Parameter	Unit	Maximum	Minimum	Average	Standard deviation	Variation Coefficient	Variance
Miocene (93)	Ca	mg/l	240	20	90.5	36.8	0.407	1355
	Na	mg/l	329	12	45.8	42.6	0.97	1813
	Mg	mg/l	152	15.2	53.7	20.3	0.38	413
	Cl	mg/l	133.6	10	63.1	29.2	0.46	851
	SO ₄	mg/l	960	27	144.3	125.8	0.87	15821
	HCO ₃	mg/l	607	235	373.1	77.7	0.208	6032
	NO ₃	mg/l	250	0	69.4	56.3	0.81	3165
	EC	μS/cm	2050	564	1060	245.5	0.232	60269
	Temp	°C	27.6	13.5	19.4	3	0.153	8.8
Jurassic (198)	pH		8.2	6.9	7.5	0.312	0.042	0
	Ca	mg/l	208.3	9	75	34.8	0.465	1214
	Na	mg/l	742	2	159.3	181.8	1.1	33045
	Mg	mg/l	100	5	39.8	16.7	0.42	279
	Cl	mg/l	1360	6	186.1	250.9	1.3	62942
	SO ₄	mg/l	450	10.5	131.6	76.4	0.58	5843
	HCO ₃	mg/l	597.8	126	357.6	77.6	0.217	6019
	NO ₃	mg/l	230	0	30.8	43.1	1.4	1846
	EC	μS/cm	5200	437	1412.3	799	0.566	638362
Triassic (29)	Temp	°C	55	15.3	29.5	8.3	0.282	69.5
	pH		8.6	6.5	7.4	0.393	0.05	0
	Ca	mg/l	440	58	181.9	101.9	0.56	10384
	Na	mg/l	187.2	7	34	45.7	1.4	2089
	Mg	mg/l	202	41.5	106.3	39.8	0.374	1581
	Cl	mg/l	138.9	8.6	45.3	44.2	0.98	1956
	SO ₄	mg/l	1590	198.6	587.4	369.9	0.63	136792
	HCO ₃	mg/l	479	245	356.2	61.8	0.173	3815
	NO ₃	mg/l	149.2	7.6	33.1	38.6	1.2	1486
Guadalimar River (70)	EC	μS/cm	2790	732	1550.1	506.9	0.327	256932
	Temp	°C	24.6	15.7	20.1	3	0.147	8.7
	pH		8.1	7.1	7.6	0.335	0.04	0
	Ca	mg/l	103	37	80.3	15	0.187	226
	Na	mg/l	31	7	17.8	5.2	0.292	27
	Mg	mg/l	75	15	44.4	9.7	0.219	94
	Cl	mg/l	50	14	27.9	8.4	0.3	70
	SO ₄	mg/l	226	28	137.3	29.7	0.216	880
	HCO ₃	mg/l	411.8	170	287.6	59.5	0.207	3538
Miocene-Jurassic (105)	NO ₃	mg/l	104	1	13.7	12.2	0.89	148
	EC	μS/cm	1203	420	812.4	167.4	0.206	28024
	Temp	°C	28.4	6.2	15.1	4.9	0.327	24.4
	pH		8.5	7	8	0.32	0.04	0
	Ca	mg/l	112.2	19	46.6	21.7	0.465	469
	Na	mg/l	2914	40	294.2	390.1	1.3	152143
	Mg	mg/l	152	11	33.4	22.6	0.676	511
	Cl	mg/l	4400	36	309.2	610.6	2	372838
	SO ₄	mg/l	454	23	166.5	67.1	0.403	4504
Jurassic-Triassic (71)	HCO ₃	mg/l	666.1	251	393.6	70.5	0.179	4971
	NO ₃	mg/l	118	0	12	16.6	1.4	277
	EC	μS/cm	15600	633	1795.2	1834.4	1	3364898
	Temp	°C	44.5	21.7	35.3	6.9	0.195	47.1
	pH		8.4	6.8	7.4	0.295	0.04	0
	Ca	mg/l	564.3	47	169.3	98.4	0.58	9680
	Na	mg/l	306.3	7.9	45.2	52.8	1.2	2789
	Mg	mg/l	152	41	69.5	27	0.39	730
	Cl	mg/l	243.2	9.3	34.2	37	1.1	1370
Jurassic-Triassic (71)	SO ₄	mg/l	1592.3	142	492.5	370.2	0.75	137053
	HCO ₃	mg/l	399.6	172	322.5	57.9	0.18	3352
	NO ₃	mg/l	210	0	26.3	36.3	1.4	1315
	EC	μS/cm	3410	256	1343.3	585	0.436	342280
	Temp	°C	30	18.8	25	2.2	0.09	5.0
	pH		8	6.6	7.3	0.3	0.04	0