

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	6.5-8.5		Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l				
							pH												
16	MM2	IV-0091	Pt	spring catchment	16.III.1993	246	7.5		0	0	0	2.4	8	13	0				
		15.VI.1993			184	7.2		0	0	4.1	11	21	0						
		13.IX.1993			241	7.3				4.0	11	16							
		14.XII.1993			258	7.2				3.7	8	13							
		15.III.1994			274	7.5				8.0	5.0	41							
		27.VI.1994			288	7.4				4.8	6	12							
		20.IX.1994			232	7.4				3.2	12	15							
		14.XII.1994			249	7.4				2.4	8	15	0.02						
		20.III.1995			235	7.5				4	9	17	0						
		13.VI.1995			236	7.4				2.7	7	14	0.01						
		25.IX.1995			276	7.3				3.6	15	23	0						
		7.XII.1995			265	7.5				3.4	7	24	0						
		18.III.1996			210	7.6				3.9	8	17	0						
		17.VI.1996			274	7.6				3.0	8	10	0						
		16.IX.1996			242	7.6				4.2	8	12	0						
		18.III.1997			284	7.4				3.1	6.1	19	0						
		4.VI.1997			263	7.5				2.7	5.3	16	<0.05						
		24.IX.1997			248	7.3				3.8	8.5	12	<0.05						
		17			VAC	IV-10	Qd+ptl	tube well	10.X.1980	556	7.1	5.4	0	0.132	4.87	17.6	52.1		
						7.X.1981			496	7.4	7.6	0	0	74.42	13.5	53	0		
27.IV.1982	492		7.1	7.6		0			0	0	15	52							
3.V.1983	530		7.8	3.4		0			0	9.75	17.7	54.5							
24.IV.1984	478		7.8	5.8		0			0.33	0	14	41							
9.X.1984	536		7.8	6.4		0			0	0	14	53							
18.IV.1985	430		7.8	6		0			0	0	16.7	39.3							
16.IV.1986	508		7.9	4.1		0			0	0		30							
7.IV.1987	510		7.5	6.2		0			0	19.49	12	43							
9.X.1987			7.4			0			0	3.544	13	48							
19.IV.1988			7.5			0			0	7.974			0.2						
10.V.1989			7.4			0			0	38.98			0						
12.IV.1990			7.7			0			0		15.2	39	0						
24.X.1990			7.6	6.4		0.258			0	69.99	22.5	24	0						
5.VI.1991			8.3	3.6		0			0.020	38.54	17	53	0						
2.X.1991			7.4	6.2		0			0	9.746	13.4	47	0						
16.IV.1992			7.7	6		0			0	0	19	51	0						
13.X.1992			7.8	6.6		0.155			0	2.259			0						

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No	Basin	No	Biological index	Type	Standard Date	Dry res. mg/l	pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l
17	VAC	IV-10	Q _{chl+prl}	tube well	24.III.1993	546	7.1		0	0	30.5	23	40	0
		IV-10			20.XII.1993	541	7.2		0	0	35.0	26	62	0
		IV-10			23.III.1994	491	7.2				22	20	40	
		IV-10			30.VI.1994	636	7.3				61	32	50	
		IV-10			28.IX.1994	559	7.2				69.5	22	44	
		IV-10			19.XII.1994	514	7.2				57.5	21	50	
		IV-10			30.III.1995	553	7.6				106	40	43	0
		IV-10			20.VI.1995	567.0	7.1				72.7	21.0	47.0	0
		IV-10			27.IX.1995	518	7.3				73.3	17	44	0
		IV-10			27.III.1996	509	7.2				56.4	17	112	0
		IV-10			24.IX.1996	408	7.2				41.6	18	84	0.1
		IV-10			26.III.1997	375	7.4				375	13	40.2	0
		IV-10			23.IX.1997	443	7.1				40.5	22.4	32	<0.05
		IV-131				267	7.4				0	15	22	0.07
		IV-131				242	7.5				6.5	15	28	0.07
		IV-131				252	7.5				8.6	15	26	0.2
		18			MM1	IV-131	Q _{chl+prl+N₂}	Thermoelectric power station "North" tube well	21.IX.1994	270	7.2		0	0
IV-131	28.III.1995		222	7.2					0	0	5	17	17	0
IV-131	19.IX.1995		497	7.6					0	0	4.7	17	21	0.2
IV-131	20.III.1996		241.0	8.1					0	0	2.8	18.0	32.0	0.2
IV-131	18.IX.1996		221.0	7.7					0	0.02	3.1	17.0	30.0	0.13
IV-131	19.III.1997		260	7.4					0	0	7.5	19	21	0.2
IV-131	3.IX.1997		290	7.5					0	0	6.5	17.8	24	0.2
IV-141	16.III.1993		464	7.2					0	0	23.5	25	51	0
IV-141	15.VI.1993		408	7.4					0	0	92.0	22	49	0
IV-141	13.IX.1993		452	7.2								23	48	
19	MM1	IV-141	tube well	14.XII.1993	838	6.7		2.9	0.03	27.5	63	91	0.2	
		IV-141		15.III.1994	816	7.1				30.2	46	151		
		IV-141		27.VI.1994	854	7.1		0.1	1.28	49	43	136	0	
		IV-141		19.IX.1994	411	6.9				35.5	19	48		
		IV-141		14.XII.1994	442	7.2				23.5	22	57	0.07	
		IV-141		20.III.1995	476	7.3		0	0	36	21	71	0	
		IV-141		13.VI.1995	659	7.1		3.2	0.01	29.5	53.0	109.0	0.13	
		IV-141		25.IX.1995	286	7.2		0	0	44.0	13	50	0	
		IV-141		7.XII.1995	415	7.4		0	0	26.4	23	50	0	

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No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	6.5-8.5		Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l
							pH	res.							
19	MM1	IV-141 IV-141 IV-141 IV-141 IV-141 IV-141		tube well	18.III.1996	384	7.5			0	0	34.1	23	36	0
					17.VI.1996	564	7.4		0.35	0.008	12.9	47	88	0	
					16.IX.1996	402	7.3		0	0	44.7	22	56	0	
					18.III.1997	213	7.6		0	0	4.8	12	35	0	
					4.VI.1997	262	7.6		0	0	15.7	10.7	36	<0.05	
					24.IX.1997	450	7.3		0	0	50.0	22.0	38	<0.05	
					3.VIII.1993		7.0		0	0	3.987		36	0	
					14.IX.1993	390	6.8		0	0.03	0.6	31	35	0.05	
					20.IX.1993	361	6.8		0	0	2.0	35	32	0	
					27.IX.1993	331	6.9		0	0.03	1.6	36	36	0	
					4.I.1994	424	7.3					32	36		
					16.III.1994	426	7.2				0	2.6	29	34	0
					3.V.1994		7.1		5.6			3.987	29	38	
					19.IX.1994	404	6.8					0.6	30	37	
20	MM2	Pravoslaven Pumping station 3 shift wells			21.III.1995	379	6.9		0	0	0	2.0	29	33	0
					4.IV.1995	395	6.9		0	0	2.3	30	35	0	
					14.VI.1995	385	6.8		0	0	2.6	38	19	0	
					18.IX.1995	381	6.9		0	0	2.6	23	31	0.1	
					8.VIII.1995	427	7.2		0	0	3.1	32	33	0	
					10.I.1996	405	7.3		0	0	0.6	6.3	28	0	
					18.I.1996	427	7.2		0	0	3.1	32	33	0	
					12.III.1996	392	6.8		0	0	1.4	33.4	33	0	
					7.V.1996	392	7.0		0	0	1.1	5.8	38	0	
					19.VI.1996	430	7.0		0	0	2.7	29	37	0.06	
					17.IX.1996	428	6.9		0	0	8.9	35	35	0	
					27.III.1997	391	7.2		0	0	2.8	33.3	43	0	
					10.VI.1997	402	6.8		0	0	3.1	29.4	40	0.046	
					4.IX.1997	378	6.8		0	0	3.0	32.0	120	0.07	
21	MM2	IV-26 IV-26 IV-26 IV-26 IV-26 IV-26 IV-26 IV-26	Qol+prl	Pumping station 6 tube wells	23.III.1993	378	7.2		0.38	0.08	0.08	1.4	21	136	0.05
					18.VI.1993	342	7.5		0	0.01	14.3	20	76	0	
					14.IX.1993	599	7.1		0	0.05	32	25	104	0.1	
					15.XII.1993	423	7.0		0	0.4	6.1	22	99	0.3	
					16.III.1994	417	7.4		0	0	7.8	20	88	0.2	
					28.VI.1994	541	7.4		0	0	8.6	26	73	0.7	
					19.IX.1994	413	7.2				6.9	25	83	0.6	
					29.XI.1994	413	7.2				6.9	25	83	0.6	

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No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l	
21	MM2	IV-26	Qcl+prl	Pumping station 6 tube wells	13.XII.1994	374	7.5	-	0	0	2.7	26	75	0.9	
		IV-26			21.III.1995	419	7.5	-	0.2	0	0.02	11	21	91	0.6
		IV-26			14.VI.1995	395	7.2	-	0.4	0.04	0	8	27	74	0.7
		IV-26			18.IX.1995	369	7.6	-	0.7	0	0	6.0	25	92	1.0
		IV-26			8.XII.1995	400	7.4	-	0.3	0	0	6.8	23	85	0.9
		IV-26			19.III.1996	384	7.4	-	0.16	0	0	5.6	23	92	0.5
		IV-26			19.VI.1996	436	7.7	-	0	0.01	0	9.9	21	96	0.3
		IV-26			17.IX.1996	398	7.5	-	0	0.01	0	22.4	20	94	0.5
		IV-26			27.III.1997	445	7.4	-	0	0	0	9.1	22.4	112	0.1
		IV-26			10.VI.1997	417	7.2	-	0	0	0	9.3	19.3	99	0.3
		IV-26			4.IX.1997	440	7.2	-	0	0	0	12.0	23.4	58	0.13
		IV-11			7.V.1981	584	7.4	-	0	7	0	0	18	138	0
		IV-11			27.IV.1982	506	7.3	-	0	6.6	0	0	19	130	0
		IV-11			3.V.1983	542	7.9	-	0	2.8	0	0	15.5	17.7	123.7
22	MM1	IV-11	Qcl+prl+N ₂	Pumping station 3 tube wells	24.IV.1984	580	7.9	6	0	0	0	18	35	0	
		IV-11			18.IV.1985	510	7.9	6.2	0	0	23.04	16.7	127.4	0	
		IV-11			16.IV.1986	598	7.8	4.6	0	0	0	0	19	120	0
		IV-11			7.IV.1987	556	7.8	6	0	0	0	19.94	19	120	0
		IV-11			19.IV.1988	556	7.6	6	0	0	0	14.18	15	118	0
		IV-11			3.V.1989	556	7.2	6	0	0	0	4.873	15	118	0
		IV-11			12.IV.1990	556	7.7	6	0	0	0	0	13.8	115	0
		IV-11			6.V.1992	556	7.3	6.8	0	0	0	0	16	117	0
		IV-11			18.III.1993	535	7.0	6.8	16	0	0	21.6	16	127	0
		IV-11			16.VI.1993	528	7.2	6.8	0	0	0	25.0	19	128	0
		IV-11			21.IX.1993	506	7.3	6.8	0	0	0	24.8	20	127	0
		IV-11			20.XII.1993	381	7.5	6.8	0	0	0	4.3	17	91	0
		IV-11			22.III.1994	595	7.5	6.8	0	0	0	9.1	31	110	0
		IV-11			30.VI.1994	371	7.5	6.8	0	0	0	4.8	14	76	0
IV-11	27.IX.1994	438	7.2	6.8	0	0	0	20.8	18	127	0.2				
IV-11	19.XII.1994	342	7.2	6.8	0	0	0	4.6	14	80	0				
IV-11	29.III.1995	375	7.4	6.8	0	0	0	12	20	82	0.1				
IV-11	20.VI.1995	405	7.5	6.8	0	0	0	12.4	18	104	0.1				
IV-11	23.IX.1995	240	7.4	6.8	0	0	0	10.7	14	93	0.1				
IV-11	12.XII.1995	396	7.4	6.8	0	0	0	10.8	17	89	0.2				
IV-11	26.III.1996	403	7.5	6.8	0	0	0	12.0	16	50	0.2				

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	6.5-8.5		0		50		250		250	
							pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l		
22	MM1	IV-11	Q _{cl+pr+N₂}	Pumping station 3 tube wells	20.VI.1996	424		0	0	11.8	15	98	0.1			
		IV-11			23.IX.1996	306		0	0	6.6	18	76	0.2			
		IV-11			25.III.1997	388		0	0	8.4	16.1	98.5	0.2			
		IV-11			2.IX.1997	362		0	0	6.7	17.0	90	0.1			
23	PYA	IV-005	Q _{cl}	Pumping station 4 tube wells	18.III.1993	257		0	0	33.2	19	54	0			
		IV-005			16.VI.1993	249		0	0	46.5	15	49	0			
		IV-005			21.IX.1993	1.6				35.5	20	51				
		IV-005			16.XII.1993	253				21.6	17	51	0.5			
		IV-005			22.III.1994	290				18.4	17	49	0.5			
		IV-005			29.VI.1994	275				33.5	17	50	0.4			
		IV-005			27.IX.1994	265				33.0	17	54	0.4			
		IV-005			15.XII.1994	246				21.8	16	54	0.3			
		IV-005			29.III.1995	267				31	17	56	0.2			
		IV-005			19.VI.1995	263				6.8	17	43	0.2			
		IV-005			26.IX.1995	284				7.1	11	98	0.3			
		IV-005			11.XII.1995	267				7.1	19	53	0.2			
		IV-005			26.III.1996	266.0				7.1	15.0	57.0	0.3			
		IV-005			18.VI.1996	277.0				7.0	21.0	54.0	0.2			
		IV-005			23.IX.1996	283.0				7.0	18.0	51.0	0.3			
		IV-005			25.III.1997	290				7.0	17.3	61.5	0.3			
IV-005	11.VI.1997	280				7.1	17.0	54	0.2							
IV-005	2.IX.1997	266				6.9	0	26.0	17.0	50	0.3					
24	STR	IV-35	Pz	tube well	17.III.1993	207		0.1	0.156	1.6	14	31	0			
		IV-35			15.IX.1993	191			0.14	3.6	12	32				
		IV-35			17.III.1994	210			0.16	4.0	14	31				
		IV-35			21.IX.1994	216			0.17	2.5	12	41				
		IV-35			28.III.1995	212			0	0.05	5	13	32	0		
		IV-35			19.IX.1995	265			0	0.05	3.3	13	29	0		
		IV-35			20.III.1996	208			0	0.05	2.0	15	27	0		
		IV-35			18.IX.1996	201			0	0.05	4.6	14	25	0		
		IV-35			19.III.1997	231			0	0.04	4.7	16.3	24	0		
		IV-35			3.IX.1997	183			0	0	2.1	16.0	27	<0.05		
										8.4						

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No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	6.5-8.5		Alkali.	0		NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	250 SO ₄ mg/l	250 PO ₄ mg/l				
							pH			NH ₄ mg/l										
25	PVA	IV-009	Qol	Pumping station shift well	18.III.1993	347					0	0	24.6	25	101	0				
		IV-009			16.VI.1993	305				0	0	21.9	27	104	0					
		IV-009			21.IX.1993	272							10	22	102					
		IV-009			16.XII.1993	340							10.7	17	98	0.3				
		IV-009			22.III.1994	378							7.0	20	105	0.3				
		IV-009			27.IX.1994	371							8.0	27	107	0.5				
		IV-009			15.XII.1994	249							4.5	26	107	0.1				
		IV-009			29.III.1995	351							11	13	104	0.3				
		IV-009			19.VI.1995	355							9	27	99	0.3				
		IV-009			26.IX.1995	292							33.3	11	114	0.3				
		IV-009			11.XII.1995	365							26.7	21	104	0.3				
		IV-009			26.III.1996	412							34.4	24	138	0.3				
		IV-009			18.VI.1996	470							72.3	29	123	0.2				
		IV-009			23.IX.1996	364							57.3	21	90	0.3				
		IV-009			25.III.1997	508							65.0	21.6	127.6	0.3				
		IV-009			11.VI.1997	447							57.9	20.8	125	0.03				
		IV-009			2.IX.1997	390							24.5	25.0	130	0.3				
		26			MUL	IV-01	Qol+ph	Pumping station shift well	6.V.1981	80		2.2		0	0	0	16.39	8	19	0
						IV-01			22.IV.1982	120		0.6	0.038	0.1	0	0	13	63		
						IV-01			3.V.1983	200		2.8	0	0	0	0	7.5	19.5		
IV-01	19.IV.1984		244			4			0	0	0	0	7.1	16						
IV-01	18.IV.1985		334			1.0			0	0	0	0	0	6.7	141.6					
IV-01	9.IV.1986		232			3.6			0	0	0	0	81.07	8.0	17					
IV-01	7.IV.1987		258			6.0			0	0	0	0	7.531	12	17					
IV-01	26.IV.1989												19.49	14	0	0				
IV-01	21.IV.1992												8.860	9	45	0				
IV-01	19.I.1993												1.1	0	0	0.15				
IV-01	1.III.1993												9.6	<0.01		0				
IV-01	1.VI.1993												2.8	0.258	0.066	2.658	6.2	24	0.18	
IV-01	8.IX.1993												3.8	0	0.033	2.880	6.1	17.0	0.1	
IV-01	1.XII.1993												4.9	0.968	0.033	4.652	8.3	63.7		
IV-01	9.III.1994												4.7		0.1	5.58	9.1	32	0	
IV-01	15.VI.1994												4	1.2	0	13	10	41.2	0	
IV-01	8.IX.1994												5.1	0.62	0	14.4	14.3	51	0.4	
IV-01	1.XII.1994												5.3	0.33	0	12	10.5	36	0	

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No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	6.5-8.5 pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	250 Cl ₂ mg/l	250 SO ₄ mg/l	PO ₄ mg/l
26	MU1	IV-01	Q _{ch+prl}	Pumping station shift well	1.III.1995		7.5	4.9	0.3	0.8	0	7.1	50.05	0
		IV-01			1.VI.1995		7.28	4.2	0.9	0	2.4	20.8	38	
		IV-01			5.IX.1995		7.35	4.8	0	0	0.9	4.25	25.9	0
		IV-01			12.XII.1995		7.44	4.92	0	0	4.34	8	27.6	0
		IV-01			5.III.1996	364	7.15	5.06	0.82	0	8.4	8.9	63.1	0.1
		IV-01			4.VI.1996	388	7.8	5.2	0	0	0.62	6.9		0.074
		IV-01			4.IX.1996	340	7.3	5.4	2.554		14.75	6.8	18.6	0
		IV-01			4.XII.1996	205	7.23	5	0	0	12.7	8.3	58.8	0.2
		IV-01			11.III.1997		8	4.8	0.3	0.03	25	15.5	69.8	0.06
		IV-01			10.VI.1997		7.4	4.6	1.45	0.01	3.7	20.8	45.9	0.3
		IV-01			9.IX.1997		7.9	4.54	0.18	0	10.5	13.1	48.1	0
		IV-01			2.XII.1997		8.04	5.2	0	0	8.2	13.2	35.1	0
		IV-05			12.VI.1980	486	7.2	4.0	0	0	3.544	26.5	35.6	
		IV-05			4.IX.1980	548	7.5	3.4	0	0.231		23.8	114.8	
		IV-05			9.XII.1980	514	7.2	3.6	0	0	0	24	102	0
		IV-05			3.III.1981	472	7.0	3.2	0	0.09	65.39	23.38	99	0
		IV-05			11.IX.1981	538	7.5	4.4	0	0	39.43	20.2	100.1	0
		IV-05			9.XII.1981	516	7.3	4.0	0	0	0	24.3	106	0
		IV-05			9.III.1982	456	7	5.6	0	0.165	0	13.2	108	
IV-05	8.VI.1982	532	7	4.4	0	0	0	16.39	31	50				
IV-05	14.XII.1982	494	7.1		0	0	0	0	20	112				
IV-05	3.III.1983	500	7.9	3	0	0	6.20	14	124					
IV-05	1.VI.1983	560	7.5	6.2	0	0	0	10	104					
IV-05	5.IX.1983	460	7.2	5.2	0	0	0	22	118					
IV-05	1.XII.1983	568	8	4.8	0	0	0	20	134					
IV-05	13.III.1984	510	7.7	3.0	0	0	0	13.8	129					
IV-05	5.VI.1984	544	7.3	4	0	0	6	22	138					
IV-05	25.IX.1984	554	7.8	4.4	0	0	2.2	14	138					
IV-05	18.XII.1984	520	7.2	6	0	0	0	22	155					
IV-05	20.III.1985	630	7.3	4.2	0	0	0	20.7	135.9					
IV-05	13.VI.1985	30	7.8	4.6	0	0	10.2	23.4	13					
IV-05	3.IX.1985	608	8.4	3.0	0	0	0	28	155					
IV-05	4.XII.1985	292	7.5	3	0	0	7.97	11	35					
IV-05	4.III.1986	560	6.7	2.4	0.516	0.066	7.97	28	121					
IV-05	3.VI.1986	590	7.6	4	0	0	3.10	26	155					
27	MU2		Q _{ch+prl}	Pumping station										

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	6.5-8.5		0		50		250		250		PO ₄ mg/l
							pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l				
27	MU2	IV-05	Qd+pt	Pumping station	2.IX.1986	582	7.5	3.9	0	0	0	25	18	0.5			
		IV-05			2.XII.1986	528	7	4.2	0	0	0	27	151				
		IV-05			3.III.1987	578	7.2	4	0	18.61	22	178					
		IV-05			2.VI.1987	631	7.7	4	0	0.066	23	26					
		IV-05			31.VIII.1987		7.2		1.419	0.033	25	25					
		IV-05			1.XII.1987		7.6		0.194	0.066	22	20					
		IV-05			16.III.1988		7.2		0	0		0					
		IV-05			1.VI.1988		7.5		0	5.316							
		IV-05			1.IX.1988		7.2		0.129	0	0.443						
		IV-05			6.XII.1988		7.3		0	2.215		0					
		IV-05			14.III.1989		7.5		0	29.68		0					
		IV-05			31.V.1989		7.8		0	1.772		0					
		IV-05			6.IX.1989		7.1		0	31.01		0					
		IV-05			5.XII.1989		7.3		0	25.69	28	0					
		IV-05			28.II.1990		7.4		0	38.98	26	200					
		IV-05			4.VI.1990		7.6	4	2.709	0.010	28	217					
		IV-05			4.IX.1990		7.6	5	0	26.58	54	233					
		IV-05			4.XII.1990		7.6	3.2	0.258	0	17.72	21	117				
		IV-05			5.III.1991		7.1	4.4	0	23.48	25.5	54					
		IV-05			10.IX.1991		8.2	3.4	0	8.417	28.4	198					
		IV-05			3.XII.1991		7.5	4.6	0	3.588	28.2	0					
		IV-05			10.III.1992		7.6	3.6	0	10.6	31	120					
		IV-05			9.VI.1992		7.7	4.6	0	11.96	24	74					
		IV-05			9.IX.1992		7.4		0	14.18	27	48					
		IV-05			3.XII.1992		6.9	4.8	0	17.10	33	255					
		IV-05			1.III.1993		6.8	4.4	0	62.46	25.5	191					
		IV-05			8.VI.1993		6.9	4.1	0	15.06	22.2	0.07					
IV-05	14.IX.1993		7.3	4.1	0.129	0	36.77	37									
IV-05	9.XI.1993		6.96	4.1	0	13.91	24	238									
IV-05	7.XII.1993		7.0	4.1	0	27.51	28	233									
IV-05	15.III.1994		7.09	4.1		22.59	2.6	220									
IV-05	22.VI.1994		7.1	3.4			21	177									
IV-05	1.IX.1994		7.3	3.2	0.29	0.02	8	15.5									
IV-05	6.XII.1994		7.3	3.3	0	0.01	0	11									
IV-05	7.III.1995		6.2	3.6	0	38.2	23	282									
IV-05			7.3	3.4	0.005	0.03	39.2	26	264								

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	6.5-8.5		NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l	
							pH	Alkali.							
27	MU2	IV-05	Qc+pr	Pumping station	6.VI.1995		6.75	3.7	0	0	20.84	20.8	256	0	
		IV-05			12.IX.1995		7.2	3.45	0.8	0	0	0.21	3.6	135.2	0.5
		IV-05			19.XII.1995		6.6	3.64	0.2	0.074	0	20.0	24	229.2	0.1
		IV-05			12.III.1996	806	6.7	3.4	0.26	0.01	0	16	19.7	308	0.05
		IV-05			11.VI.1996	891	6.8	3.4	0	0	0	33.8	6.3	231.2	0.13
		IV-05			10.IX.1996	861	7.09	3.95				43.4	21.9	99.0	0.2
		IV-05			10.XII.1996	857	7	4	0.3	0.013	0	42.9	38.9	285.3	0.15
		IV-05			19.III.1997		7.82	3.9	0	0	0	32.5	27	148	0.18
		IV-05			17.VI.1997		6.76	4	0.22	0	0	24	23.6	165	0.18
		IV-05			17.IX.1997		6.87	3.24	0	0.013	0	4.14	16.3	71.6	0.07
		IV-05			9.XII.1997		7.9	3.7	0.2	0	0	2.0	27.8	221	0
		IV-04			10.X.1980	364	6.5	2.4	0	0	0	0	12.2	117.2	
		IV-04			6.V.1981	344	7.4	3.2	0	0	0	13.73	12	120	0
		IV-04			7.X.1981	372	7.1	3.4	0	0	0	74.42	10	130	0
		IV-04			22.IV.1982	396	7.0	2.8	0	0.03	0	0	0	16	220
		IV-04			6.X.1982	434	7.5	2.2	0	0	0	0	0	30	3
		IV-04			3.V.1983	420	7.9	2.8	0	0.09	0	6.29	12.2	154.4	
IV-04	19.X.1983	458	7.5	4	0	0	0	3.54	13.6	73.9					
IV-04	19.IV.1984	308	7.7	3	0	0.05	0	0	10.6	110					
IV-04	16.X.1984	260	8.0	2.0	0	0	0	0	27	74					
IV-04	18.IV.1985	356	7.8	2.6	0	0	0	0	24.7	123.7					
IV-04	14.IX.1985	330	7	1.8	0.258	0	0	5.32	15	0					
IV-04	9.IV.1986	438	7.8	2.0	0	0	0	76.64	21	159					
IV-04	9.XII.1986	390	7.0	3.2	0	0	0	2.22	21	141					
IV-04	7.IV.1987	394	7.5	3.0	0	0	0	17.28	19	133					
IV-04	18.X.1987		7.4		0	0	0	7.531	15	189					
IV-04	20.IV.1988		7.4		0	0	0	3.721			0.2				
IV-04	9.XI.1988		7.6	5.8	0	0.099	0	1.772	15	20					
IV-04	26.IV.1989		7.4		0	0	0	0	21	64	0				
IV-04	10.X.1989		7.0	3.0	0	0	0	0	17.3	175	0				
IV-04	23.X.1990		7.4	3.8	0	0	0	4.430	9.0	38	0				
IV-04	18.X.1991		7.4		0	0	0	15.51	20	42	0				
IV-04	21.IV.1992		7.7	3	0	0	0	106.3	16	44	0				
IV-04	1.IX.1992		7.7	4.8	0	0	0	5.316	16	40					
IV-04	21.X.1992		7.7	4	0	0	0	5.32	16	40					
28	TOP	IV-04	Qc+pr	tube well											

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	6.5-8.5 pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	250 Cl mg/l	250 SO ₄ mg/l	PO ₄ mg/l
28	TOP	IV-04	Q _{cat} or	tube well	9.III.1993		6.8	2.8	0.129	0	18.16	20	136	0
		14.IX.1993				6.7	2.2	0	6.202	16	158	2.05		
		15.III.1994				7.1	2.5		2.9	15.4	90	0		
		1.IX.1994				7	2.3	0.903		17	103	0.19		
		7.III.1995				7.7	3.5	0.94	18.2	23	147	0		
		11.VI.1996			418	7.5	2.4	0.005	8.31	5	140.7	0.04		
		10.IX.1996			420	7.7	2.8		16.8	10.9	56.5	0		
		30.III.1993				7.5	3.2	0	5.981	14.6	166	0.3		
		8.VI.1993				7.4	3.2	0.129	5.139	27	119.8	0.36		
		14.IX.1993				7.1	3.1	0	0.044	19	115	0.084		
29	MU2	IV-37		Pumping station	7.XII.1993		7.4	3.1	0	0.033	5.316	20	94	0.12
		16.III.1994				7.5	3.4	0.49	2.79	14	117	0		
		22.VI.1994				7.2	3.9	0.31	10.1	20.9	65	0.15		
		8.IX.1994				7.6	4	0.25	12.4	17.03	117	0.56		
		6.XII.1994				6.7	3.6	0	10.8	22	117	0.16		
		7.III.1995				7.2	2.3	0.22	13.9	25	102	0		
		6.VI.1995				6.96	3.3	0	10.46	27.8	121	0		
		12.IX.1995				7.2	3.1	0.8	1.34	3.5	109	0		
		19.XII.1995				7.2	3.4	0.2	0.071	0.9	22.7	108.3	0.4	
		12.III.1996			411	7.3	3.3	0.44	3.9	21.2	135	0.22		
11.VI.1996	487	7.6	3.1	0.12	34.7	6.5	121.1	0.46						
10.IX.1996	483	6.6	3.5		16.8	16.4	64.1	0.4						
10.XII.1996	435	7.8	3.2	0.3	11.2	19.8	146.8	0.17						
19.III.1997		7.45	3.3	0	14.3	22	113	0.48						
17.VI.1997		7.4	3.56	0.36	15	18.2	114	0.54						
17.IX.1997		7.5	3.3	0	6.8	20.8	111.3	0.72						
9.XII.1997		8.0	2.8	0	10.1	20.7	116.2	0.04						

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Biological index	Type	Standard Date	Dry res. mg/l	6.5-8.5 pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l	
30	MU2	IV-06	Qci+prl	shift well "Elhim-Iskra" factory	7.I.1997		8	2.9	0.83	0	0	10.6	40	0	
		IV-06			11.III.1997		8.2	3.3	0.6	0.003	17	9.4	58.5	0.15	
		IV-06			10.IV.1997		6.8	3.3	0	0	0	7	67.8		
		IV-06			6.V.1997		6.8	3.1	0	0	9.3	0	56.1	0	
		IV-06			10.VI.1997		7.6	3.2	0.73	0.02	12.8	22.1	48.4	0.3	
		IV-06			1.VII.1997		7.5	3.5	0.3	0	2.85	13.4	35.3	0.2	
		IV-06			5.VIII.1997		7.8	2.17	0	0	0	8.9	12.8	0.3	
		IV-06			9.IX.1997		8.9	3.13	0	0	5.03	16.6	60.7	0	
		IV-06			7.X.1997		8.36	3.0	0	0.029	0.52	11.6	55.5	0.03	
		IV-06			4.XI.1997		7.6	3.4	0	0.001	3.66	11.34	47	0.05	
		IV-06			2.XII.1997		7.69	3.5	0	0	0.7	13.9	51.9	0	
		IV-06			12.VI.1980	206	7.2	3	0	0	0	13.2	13		
		IV-07			4.IX.1980	1970	4.5	0.8	11.997	2.640	0	0	402.6		
		IV-07			11.XII.1980	172	7.6	3	0	0.066	0	12	38	0	
31	MU2	IV-07	Qci+prl	Pumping station	3.III.1981		7.2	4	0	0	3.54	16.7	50	0	
		IV-07			11.IX.1981		340	7.6	5.8	0	0	37.21	12.2	43.2	0
		IV-07			9.XII.1981		278	7.5	3.4	0	0	53.87	12.8	34	0
		IV-07			9.III.1982	318	7	4	0	0.231	0	13.2	36		
		IV-07			8.VI.1982	286	7.2	3.4	0	0.132	0	14	90		
		IV-07			7.IX.1982	238	7.2	2.6	2.064	0	7.09	16	48		
		IV-07			14.XII.1982	310	7.3	5.0	0	0	0	12	37		
		IV-07			3.III.1983	252	7.9	3	0	0	24.81	8	36		
		IV-07			1.VI.1983	360	7.5	5.2	0	0	0	3	40		
		IV-07			5.IX.1983	598	6.8	1.6	1.161	0.99	0	14.3	313		
		IV-07			1.XII.1983	388	7	1.8	1.161	0	3.1	13	178		
		IV-07			13.III.1984	280	7.7	3	0.516	0	16.4	13.8	27.1		
		IV-07			5.VI.1984	350	7.3	4	0	0	0	18	54		
		IV-07			25.IX.1984	410	7.5	3.4	0	0.099	8	12	145		
		IV-07			18.XII.1984	428	7.1	2.4	0.387	0	0	15	200		
		IV-07			20.III.1985	246	7.4	4	0	0	0	17.4	39.1		
		IV-07			13.VI.1985	56	8.4	3.8	0	0.33	20.4	13.4	16		
IV-07	3.IX.1985	294	8.5	4	0	0	0	13	39						
IV-07	4.XII.1985	590	6.5	2	1.677	0.099	2.2	19	230						
IV-07	4.III.1986	348	7	2	0.516	0	0	26	67						
IV-07	3.VI.1986	268	7.7	4	0	0	3.1	20	36						

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	6.5-8.5 pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	250 SO ₄ mg/l	PO ₄ mg/l
31	MU2	IV-07	Qd+pt	Pumping station	2.IX.1986	316	7.5	3.2	0	0	0	13.5	16	0.5
		2.XII.1986			250	7.1	3.6	0	0	0	0	14	44	
		3.III.1987			496	7.3	3	0.033	4.430	17	168			
		2.VI.1987			329	7.8	4	0	2.658	20	64			
		31.VIII.1987				7.3		0.033	10.6	22	47			
		1.XII.1987				7.6		0.066	4.297	16	52			
		17.III.1988				7.2		0	0					
		1.VI.1988				7.8		0.258	3.101			0.1		
		1.IX.1988				7.6		0.052	0.443			0		
		6.XII.1988				7.6		0	0.443			0		
		14.III.1989				7.5		0	6.202			0		
		31.V.1989				7.8		0.774	0.886			0		
		6.IX.1989				7.5		0.645	6.202			0		
		6.XII.1989				7.5		0.129	0.066	1.772	14	53	0	
		28.II.1990				7.5		0.387	0	6.645	21	61	0	
		4.VI.1990				7.8		0.28	0	11.08	21	93	0	
		4.IX.1990				7.7		0.052	0	202.9	24	82	0	
		4.XII.1990				7.8		4	0.529	62.02	26	78	0.02	
		5.III.1991				7.6		5	0.206	0.099	30.8	180.8	0	
		5.VI.1991				8.3		3.8	0.439	0.395	43.41	29.1	97	0
		11.IX.1991				7.5		4.8	0	0.013	0	26.6	102	0
		3.XII.1991				7.9		4.8	0.258	0	13.73	24	101	0
		10.III.1992				7.8		4.6	0	0	0	24	109	0
		9.VI.1992				7.7			0	0.066	12.85	25	110	0
		1.IX.1992				7.4		6	0.645	0.066	19.05	19	113	0
		7.XII.1992				7.7		5.0	0.052	0.165	12.05	20	66	0.07
19.I.1993				25	0.129	0.099	17.99	17	21	0.03				
2.II.1993		7.7		4.3	0.129	0.066	27.91	26.9	27	0.1				
1.III.1993		7.2		55.1	0.013	0.165	11.74	16.8		0.2				
4.V.1993		7.2		2.9	0.129	0.033	2.392	10.4	137	0.6				
1.VI.1993		7.4		4.0	0.258	0.066	4.120	15.1	62	0.2				
6.VII.1993		7.2		4.0	0	0.592	3.854	14.6	84.3	0.15				
10.VIII.1993		7.5		3.7	0.258	0.066	4.873	15.8	91.2	0.21				
8.IX.1993		7.4		3.8	0	0.033	3.544	13.6	72	0.2				
12.X.1993		7.4		2.08	0	0.066	0	15.9	30.6	0				
2.XI.1993		7.0		3.6	0	0.362	4.164	13.9	82.9	0.1				

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	6.5-8.5 pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l
31	MU2	IV-07	Q _{cl+prl}	Pumping station	1.XII.1993		7.34	3.6	0.284	0.263	2.082	15.2	77.1	
		9.III.1994				7.8	3.6	0.447	0.198	3.4	16.8	26		
		15.VI.1994				7.3	2.7	2.451	0.099	19.9	12	47.5	0	
		12.VII.1994				7.2	2.8	0.12	0	2.2		17.6	0	
		8.IX.1994				7.4	4	0.68	0	7.3	12.2	92	7.3	
		1.XII.1994				7.3	4.1	0.22	0	4	23.1	94	0	
		10.I.1995				7.8	3.6	0.28	0.37	4.18	10	40	0.1	
		1.III.1995				7.8	3.5	0.92	0.06	3.1	9.2	34	0	
		4.IV.1995				7.2	2.9	0	0.04	2.9	14.3		0	
		2.V.1995				7.32	3.2	0.1	0.02	3.8	7.1	15	0.1	
		1.VI.1995				7.35	2.8	3	0	0	14.5	47.2		
		4.VII.1995				7.07	2.8	0.28	0.02	4.62	6.8	28	0.1	
		5.IX.1995				7.4	3.21	0.01	0	8.6	6.38	26.9	0	
		3.X.1995				7.4	3.4	0.7	0	4.95	11.7	39	0	
		1.XI.1995				7.03	3.7	0	0	8.1	12	0	0	
		12.XII.1995				7.78	3.94	0	0	4.94	12	71.6	0	
		9.I.1996				7.9	3.2	0	0.693	32.96	11.7	44.8	0	
		6.II.1996				7.4	3.45	0.129	0.165	19.50	9.2	58.93	0.12	
		5.III.1996				7.68	4.06	0.361	0.066	9.75	13.1	93.5	0	
		2.IV.1996				293	3.2			16.83	12.34	60.18	0.06	
7.V.1996		404	3.7	0.271	0.198	35.70	12.7		0.11					
4.VI.1996		424	4		0.1	14.70	12.5		0.22					
9.VII.1996		281	3.4			5.76	11	46	0					
6.VIII.1996		215	2.9					33.3	0.03					
4.IX.1996		301	3.3			13.7	9.2	16.4	0					
1.X.1996		732	3.4			0.162	0.5	17.9						
5.XI.1996		235	3.2			0.1	20.8	9.6	0.1					
1.III.1993			49.6	<0.01	0	0	16.8		0.03					
1.VI.1993			4.5	0.258	3.323	1.329	13.8	141	0.12					
8.IX.1993			4.3	0	0.033	1.240	16.3	153	0.1					
1.XII.1993			3.9	0	2.040	2.082	15.2	205.7						
15.III.1994			3.9		0	2.082	16.1	120	0					
15.VI.1994			3.7	0.72	0.1	7.8	17	152.2	0					
8.IX.1994			4.0	0.3	0	2.59	16.3	157	0					
1.XII.1994			4.3	0	0	4.3	14	193	0					
32	MU2	IV-061	Q _{cl+prl}	shift well			6.6	49.6						
		IV-061				7.1	4.5	0.258	3.323	1.329	13.8	141	0.12	
		IV-061				7.1	4.3	0	0.033	1.240	16.3	153	0.1	
		IV-061				6.9	3.9	0	2.040	2.082	15.2	205.7		
		IV-061				7	3.9		0	2.082	16.1	120	0	
		IV-061				7	3.7	0.72	0.1	7.8	17	152.2	0	
		IV-061				7.4	4.0	0.3	0	2.59	16.3	157	0	
		IV-061				7.28	4.3	0	0	4.3	14	193	0	

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	pH	Alkali.	0			50			250			250		
									NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l						
32	MU2	IV-061	Q _{al+ptf}	shift well	7.III.1995		7	1.9	0.77	0.04	4.1	16	88	0						
		IV-061			1.VI.1995		7	4.3	0.6	0	1.1	12.5	94.6							
		IV-061			12.IX.1995		7.21	4.08	0.6	0	0.43	2.2	95.2	0						
		IV-061			19.XII.1995		7	4.4	0.3	0.071	12.4	18.2	51.2	0.2						
		IV-061			12.III.1996	397	7.0	4.2	0.03	0	6.5	13.1	93	0.15						
		IV-061			4.VI.1996	788	7.6	4.6	0		1.21	15.3		0.2						
		IV-061			10.IX.1996	471	7.6	5.0			25.69	13.0	54.6	0.4						
		IV-061			10.XII.1996	425	7.4	4.8	0.4	0.01	3.1	25.9	92.8	0.1						
		IV-061			19.III.1997		7.21	4.6	0	0	14.6	18	97	0.44						
		IV-061			10.VI.1997		7.3	4.7	0.73	0.01	14.2	58.4	103.5	0.4						
		IV-061			9.IX.1997		7.23	4.33	0.01	0.03	2.95	43.5	110.4	0.06						
		IV-061			9.XII.1997		7.6	4.5	0.3	0.017	5.9	29.4	115.5	0.03						
		IV-061			9.III.1993		6.7	5	0.387	0.066	15.51	41.7		0.36						
		IV-08				IV-08			8.VI.1993		7.1	4.4	0.387	0.099	6.645	48	94.3	0.75		
		IV-08				IV-08			7.XII.1993		7.2	4.7	1.200	0.132	4.430	41	103.8	0.16		
		IV-08				IV-08			15.III.1994		7.3	5	0.581		6.645	6.9	110	0.5		
IV-08		IV-08			22.VI.1994		7.1	3.6	0.45	0.02	12	39.8	81	0.25						
IV-08		IV-08			1.IX.1994		7.6	4	0.56	0.06	0	37	49	0.13						
IV-08		IV-08			6.XII.1994		6.5	4.8	0.43	0.04	11.6	41	97	0.36						
IV-08		IV-08			7.III.1995		6.9	3	0.76	0.05	22.8	42	113	0.1						
IV-08		IV-08			11.VII.1995		7.73	5	1	0	0.6		159	0						
IV-08		IV-08			12.IX.1995		6.93	4.46	0.8	0	1.68	5.1	143.2	0.26						
IV-08		IV-08			19.XII.1995		6.8	4.6	0.9	0.017	6.5	37	110.3	0.2						
IV-08		IV-08			12.III.1996	580	7.2	4.1	0	0.07	4.3	34.3	166	0.23						
IV-08		IV-08			11.VI.1996	610	7.1	4.4	0.34	0.07	20.67	8.3	126.4	0.73						
IV-08		IV-08			10.XII.1996	567	7.5	4.5	0.3	0.203	17.9	44	135.4	0.3						
IV-08		IV-08			19.III.1997		7.65	4.4	0	0.10	25.8	73	107	0.72						
IV-08		IV-08			24.IV.1997	622	7.6	5.1		0.429	15.5	35.6	63.6	0.6						
IV-08		IV-08			17.VI.1997		7.8	5.04	0.32	0.048	21	32.4	111	0.64						
IV-08		IV-08			16.IX.1997		7.56	4.62	0	0.014	12.3	24.5	63.7	0.07						
IV-08		IV-08			9.XII.1997		7.8	4.7	1.1	0.065	0	37.2	118.5	0.06						
33	LUD		Q _{al+ptf}	7 tube wells																

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Biological index	Type	Standard Date	Dry res. mg/l	6.5-8.5		Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	FO ₄ mg/l
							pH								
34	MU1	IV-02		Pumping station		516	7.2	4.8	0	0	0	0	12	73	0.5
		IV-02			328	7.4	3.6	0	0	0	0	16.4	15	49	0
		IV-02			512	7.3	7.6	0	0	0	0	71.8	8.1	81	0
		IV-02			238	7.1	3.2	0	0	0	0	0	17.2	135	
		IV-02			474	7.6	6.0	0	0	0	0	1.8	28	2	
		IV-02			254	7.9	3.4	0.645	0	0	0	26.1	15	50.2	
		IV-02			500	8.0	6.4	0	0	0	0	34.1	12.2	35.6	
		IV-02			444	7.7	6.4	0	0	0	0	0	10.6	70	
		IV-02			456	7.8	6.0	0	0	0	0	0	14	70	
		IV-02			440	7.9	6.0	0	0	0	0	14.62	21.4	62.7	
		IV-02			452	8	3.6	0	0	0	0	0	13	0	
		IV-02			442	8.0	5.0	0	0	0	0	60.25	14	82	
		IV-02			502	7	7.2	0	0	0	0	1	17	98	
		IV-02			276	7.6	3.6	0	0	0	0	18.61	14	46	
		IV-02				7.3		0		-9		3.101	13	83	
		IV-02				7.5	5.8	0		0.099		0.886	15	18	
		IV-02				7.6		0				16.83	13	63	
		IV-02				7.4	7	0				9.170	13.8	61	
		IV-02				7.4	5.4	0				3.544	6.9	44	
		IV-02				7.4	3.4	0				5.316	15	39	
		IV-02				7.6	3.2	0				4.430	16	42	
		IV-02				7.5	3.6	0				10.6	15	43	
		IV-02					3.0	0				11.96	12.2	43	
		IV-02				7.5	38.6	0.348				6.734	10.5		
		IV-02				7.6	3.2	0				2.481	10.9	23	
		IV-02				7.3	3.4	0.142				2.92	10.5	25	
IV-02			7.6	2.8	0.206				94.36	14.9	57				
IV-02			7.6	6	0.39				1.8	10.6	38.7				
IV-02			7.64	2.77	0				7.9	4.96	24				
IV-02			7.08	5.93	0				10.8	12.4	56.3				
IV-02			410	6.0	0.529				71.77	12.7	22.2				
IV-02			422	6.6	0				28	11.6	56.9				
IV-02				7.8	6.1	0.6			9.9	18.2	51.8				
IV-02				8.0	5.49	0.32			0						

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	pH	Alkali.	0				250	250	PO ₄
									NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l			
35	SAZ	XI-09	N ₂	Pumping station 1 tube well	31.III.1993		7.55		0	0.020	41.15	141.8	484	0	
		XI-09			30.IX.1993		7.67		0.05	18.21	132.4	591	510	0.07	
		XI-09			30.III.1994		7.36	0.01	0.03	116	119	510	0.07		
		XI-09			6.IX.1994		7.58	<0.05	0.005	18.52	131.4	555.6	0.05		
		XI-09			21.III.1995		7.52	0.07	0.015	31.5	117.6	459.3	0.03		
		XI-09			12.IX.1995		7.3	0.03	0.02	40.16	123.1	55.15	0.06		
		XI-09			17.IV.1996		7.93	0	0	35.40	140.0	629.8	0.03		
		XI-09			8.X.1996		7.92	0	0	31.53	127.6	560.0	0.06		
		XI-09			8.VI.1997		7.82	0	0	44.3	141.8	541.7	0.03		
		XI-13			23.III.1993		7.07	0	0.033	4.474	85.08	1516	0		
36	SAZ	XI-13	N ₂	Pumping station TPS"Maritza-east-3" 3 tube wells	30.IX.1993		7.37	0.374	0.115	5.848	166	1038	0.3		
		XI-13			13.XII.1993		7.13	0.374	5.582	73.32	957.4	0.14			
		XI-13			30.III.1994	2055	7.07	0.03	0.03	12	79.54	1016	0.92		
		XI-13			14.VI.1994	1591	7.55	0.04	0.04	5.27	58.79	823.2	0.47		
		XI-13			6.IX.1994	1904	7.30	0.05	0.05	9.84	75.39	986.2	0.99		
		XI-13			21.III.1995	1525	7.21	<0.05	0.018	17.5	62.25	784.5	0.33		
		XI-13			20.VI.1995	988	7.68	0.01	0.01	2.1	14.53	369.6	0.01		
		XI-13			11.IX.1995	1565	7.24	0.02	0.013	17.7	56.71	317.4	0.06		
		XI-13			14.XII.1995	1345	7.96	0.08	0.026	12.86	59.48	832.2	0.45		
		XI-13			18.IV.1996	1113.00	7.27	0.13	0.005	19.44	84.70	640.5	0.33		
37	SAZ	XI-11	Q _d	private shift well	18.VI.1996	1174.00	7.11	0.04	0.01	23.54	76.68	707.9	0.39		
		XI-11			17.IX.1996	1407.00	7.76	0.03	0.01	77.08	74.20	886.6	0.45		
		XI-11			17.XII.1996	1296.00	7.45	0.47	0.05	11.00	30.49	663.5	0.24		
		XI-11			19.III.1997	308.00	8.58	0.03	0.01	8.97	7.10	56.80	0.12		
		XI-11			10.VI.1997	283	8.09	0.06	0.007	8.84	15.6	62.25	0.08		
		XI-11			23.III.1993		7.06	0.181	0.066	250.0	263.7	1672	1.8		
		XI-11			30.IX.1993		7.12	0.142	226.9	3.101	380.4	3346			
		XI-11			30.III.1994		7.05		0.06	378	390.8	1662	0.59		
		XI-11			6.IX.1994	3966	7.07		0.1	354.5	347.2	1611	1.96		
		XI-11			21.III.1995	3487	7.03	<0.05	0.061	181.9	456.5	861.1			
XI-11	11.IX.1995	4286.65	7.01	0.02	0.609	362.2	283.6	1897	0.60						
XI-11	18.IV.1996	2880.00	7.43	0.10	0.08	356.6	305.2	1372.	0.69						
XI-11	17.IX.1996	3594.00	7.27	0.0	0.66	447.9	504.3		0.75						
XI-11	19.III.1997	4107.00	8.15	0.49	0.02	346	131.2	1870	0.78						

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l	
															6.5-8.5
38	SAZ	XI-12	Qd		24.IV.1980	918	8		0		93.83	50.3	259.7	0.5	
		XI-12			30.IX.1980	1097	7.5	7	0		33.80	78.68	294.7		
		XI-12			22.IV.1981	929	7.7				85.72	22.7	349.8		
		XI-12			4.V.1981	1011	7.3	6.2	0	100.65	60.36				
		XI-12			27.VII.1981	1214	7.2	7.2	1.88	0.957		89.22			
		XI-12			28.X.1981	1267	7		0		9.2	72.8			
		XI-12			15.IV.1982	138	7.7		0		312	688.8			
		XI-12			16.VIII.1982	1130	7.7	7.32	0	0.132	57.94	43.05			
		XI-12			20.X.1982	1331	6.3		0		1262	72	0.06		
		XI-12			9.III.1983	713	7.65	5.94	0	0.231	47.27	200.9			
		XI-12			7.IV.1983	1162	7.5		0.04			25.25	109.9	53.1	0.02
		XI-12			5.IX.1983	279	7.75	3.5	0			12.31			
		XI-12			18.IX.1983	738	7.7		0.335			136.44	22.7	245.7	0.08
		XI-12			4.IV.1984		7.5		0.477			19.67	59.4	61.7	
		XI-12			4.IX.1984	254	7.6	3.32	0.232			5.54		65.03	
		XI-12			16.X.1984		7.2		0.31			17.41	15.2	74.5	
		XI-12			24.IV.1985		7.6		0.129			1066	18.7	84	
		XI-12			29.IV.1985	397	7.5	3.6	0	0.231		38.63	19.1	57.62	
		XI-12			22.X.1985		7.8					28.09	3.1	77.4	
		XI-12			16.IV.1986		7.4		0			42.17	16.6	87.7	
		XI-12			5.V.1986	359	8	3.6					0.35	74.91	
		XI-12			22.VII.1986	350	7.5	3.4				33.14	19	112.2	
		XI-12			21.X.1986		7		0.116			28.22	158.2	76.5	
		XI-12			18.V.1987	378	7.9	4	0			9.923	23.39	102.1	
		XI-12			14.IX.1987		7.8	3.6	2.167			12.40	25.58	82.32	
		XI-12			3.V.1989		7.4	3.8	0			13.16	21.09	113.6	
		XI-12			3.X.1989		7.6		0			7.177	17.73	66.85	
XI-12	31.VII.1991		7.5	3.7	0			17.59	22.69	79.85					
XI-12	17.VI.1992		7.2		1.142			254.7	242.5	18176					
XI-10			7.63		0			0.010	39.60	17.02	450.3	0.3			
XI-10			7.62		0.219			0.013	44.79	16.0	437.1				
XI-10			7.62		0.374			0.007	96.80	14.15	633.8	0.22			
XI-10			7.58		0.14			0.06	28	13.81	621.5	0.17			
XI-10			7.92		0.03			0.03	8.11	15.9	448.6	0.11			
XI-10			7.40		0.05			0.05	29.74	24.9	409.1	0.06			

Pumping station
5 tube wells
N₂

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	6.5-8.5		Alkali.	0				250	250	250	PO ₄
							pH	mg/l		NH ₄	NO ₂	NO ₃	Cl				
39	MM3	XI-10	N ₂	Pumping station 5 tube wells	21.III.1995	960	7.82	<0.05	0.017	26.2	19.37	404.2	0.03				
		XI-10			20.VI.1995	1359	7.34	0.03	0.02	2.37	48.42	672.5	0.06				
		XI-10			6.IX.1995	1016	7.8	0.15	0.037	23.86	13.83	475.8	0.09				
		XI-10			14.XII.1995	880.0	8.75	0.0	0.007	38.55	15.9	437.1	0.09				
		XI-10			25.VI.1996	973.00	7.88	0.08	0.01	56.02	20.82	382.8	0.08				
		XI-10			17.IX.1996	877.00	7.27	0	0	44.12	19.60	369.6	0.06				
		XI-10			17.XII.1996	971.00	8.08	0	0.01	39.27	15.60	38.86	0.06				
		XI-10			19.III.1997	967	8.35	0	0.01	44.16	6.40	372.1	0.06				
		XI-10			10.VI.1997	302	7.79	0.05	0.008	48.43	15.6	396.6	0.03				
		XI-141			17.V.1993		7.17	0	0	27.73	26.28	32.93	0.02				
		XI-141			13.X.1993		6.93	0.297	0.026	3.012	26.28	115.2	0.02				
		XI-141			19.IV.1994	514	7.07		0.01	31	12.45	16.46	0.02				
		XI-141			28.VI.1994	473	7.03		0.01	24.28	19.37	47.74					
		40			MM3	XI-141	Pg	Pumping station	21.IX.1994	444	6.88		0.02	4.62	15.2	32.93	
XI-141	9.III.1995		451	6.92		<0.05			0.001	125.0	15.22	60.92	0.30				
XI-141	26.VI.1995		433	7.35		0			0	4.35	14.53	369.6	0.08				
XI-141	26.IX.1995		463	7.32		0			0.003	15.34	13.83	23.81	0.06				
XI-141	28.XI.1995		431.0	7.01		0			0	29.42	17.97	23.87	0.06				
XI-141	23.IV.1996		532.00	7.32		0.02			0	32.10	23.52	32.93	0.09				
XI-141	25.VI.1996		520.00	6.98		0			0	25.06	13.87	40.43	0.06				
XI-141	15.IV.1997		435	7.21		0.01			0.01	29.54	17.02	28.81	0.12				
XI-141	4.VI.1997		430	7.17		0.01			0	7.43	14.18	13.44	1.04				
XI-03	1.IV.1993			7.44		0			0	47.93	17.02	42.81	1.25				
XI-03	8.VI.1993			7.38					0.003	50.86	20.75	49.34	0.09				
XI-03	29.IX.1993			7.7					0.033	64.24	10.46	64.21	0.03				
XI-03	8.XII.1993			6.87					0.033	111.9	22.13	70.79	0.01				
XI-03	14.VI.1994		494	7.75					0.01	9.04	24.2	55.98	0.03				
XI-03	7.IX.1994	454	7.21		0.11	51.67	15.91	50.21	0.27								
41	SAZ	XI-03	Q _{cl+pi}	Pumping station 5 tube wells	23.III.1995	450	7.45	<0.05	0.003	46.65	20.75	38.69	0.22				
		XI-03			20.VI.1995	442	7.71	0	0.02	4.74	18.67	40.34	0.32				
		XI-03			12.IX.1995	463.0	7.3	0.42	0.069	34.73	15.22	51.04	0.06				
		XI-03			14.XII.1995	498.0	8.42	0	0.011	55.0	18.67	49.4	0.03				
		XI-03			17.IV.1996	491.00	8.00	0.02	0.01	64.04	30.10	40.34	0.03				
		XI-03			27.VI.1996	480.00	7.74	0.03	0	61.00	27.66	51.86	0.01				
		XI-03			24.IX.1996	490.00	7.74	0.01	0.02	55.34	28.36	41.98	0.06				

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l		
41	SAZ	XI-03	Qol+pt	Pumping station 5 tube wells	1.IV.1997	522	7.75		0	0	61.7	29.78	56.80	0.06		
		XI-03			18.VI.1997	434	7.7		0.09	0.02	0	0	24.82	51.72	0.05	
42	VAC	XIV-08	Pt	catchment spring	7.VI.1994	161	7.5				2.9	9.9	17.2			
		XIV-08			7.VI.1995	166	7.9		0	0	1.3	9.9	14.4			
		XIV-08			6.XII.1995	175	7.6		0	0	0	2.8	14.2	67.2		
		XIV-08			12.VI.1996	448	7.7		0	0	0	0.83	9.9	38.4		
		XIV-08			3.XII.1996	314	7.9		0	0	0	14.5	17.0	67.2		
		XIV-08			5.III.1997	352	7.8		0	0	0	3.8	16.3	4.8		
		XIV-08			4.VI.1997	192	7.9		0	0	0	0.84	5.0	19.2	0	
		XIV-08			2.XII.1997	150	7.8		0	0	0	0.42	2.0	221	0	
		XIV-08			10.III.1993	175	7.6		0	0	0	0.69	11.3	0	0	
		XIV-08			30.VIII.1993	188	7.1					0	15.51	2.5		
		XIV-08			7.XII.1993	184	7.9							17.7		
		XIV-08			8.III.1994	153	7.6							8.5	19.2	
43	VAC	XV-009	Pt	spring	7.VI.1994	139	8.1				0.35	6.4	33.6			
		XV-009			7.VI.1995	135	8.0		0	0			4.9	33.6		
		XV-009			7.VI.1995	132	7.9		0	0	0	3.5	10.6	57.6		
		XV-009			5.IX.1995	157	7.6		0	0	0	1.88	16.3	0		
		XV-009			6.XII.1995	170	7.7		0	0	0	2.4	15.6	77.3		
		XV-009			5.III.1996	177	7.7		0	0	0	0.54	12.1	28.8		
		XV-009			12.VI.1996	278	7.8		0.295	0.005	0	3.03	12.76	19.2		
		XV-009			3.IX.1996	177	7.8				0	2.2	18.4	57.6		
		XV-009			3.XII.1996	293	8.0				0	2.5	17.7	14.4		
		XV-009			5.III.1997	183	7.7				0	2.0	19.5	28.8		
		XV-009			4.VI.1997	170	7.9				0	0.58	6.5	19.2	0	
		XV-009			3.IX.1997	236	7.6				0	0.38	2.2	211	0	
44	VAC	XIV-09	Pt	catchment spring Pumping station "Pamporovo"	10.III.1994	59	7.7				12.0	12.0				
		XIV-09			6.VI.1994	107	7.9		0.06	0	0.28	5.3	9.6			
		XIV-09			12.III.1995	90	7.9		0	0	0	2.3	4.6	24		
		XIV-09			5.IX.1995	116	7.8		0	0	0	3.2	7.1	19.2		
		XIV-09			6.XII.1995	103	7.8		0	0	0	1.93	17.7	96.6		
		XIV-09			4.III.1996	106	7.7		0	0	0	0.61	12.1	28.8		
		XIV-09			12.VI.1996	160	7.9		0.299	0.007	0	2.67	17.02	19.2		
		XIV-09			4.IX.1996	109	7.9		0	0	0	6.3	21.6	14.4		
		XIV-09			11.XII.1996	120	8.2		0	0	0	2.2	18.9	14.4		
		XIV-09					7.7					2.2	12.4	4.8		

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l		
															6.5-8.5	
44	VAC	XIV-09	Pt		5.III.1997	106	7.9		0	0	2.09	4.0	14.4	0.5		
		XIV-09			2.VI.1997	112	7.8		0	0	0.17	2.2	19			
		XIV-09			2.IX.1997			7.6	0	0	0.29					
		XIV-09			15.IX.1997	69	7.6		0	0	0.29	7.0	19.2			
		XIV-09			1.XII.1997	115	6.7		0	0	0.37	13.5	65			
		XIV-07			6.VI.1994	108	8.0		0	0	3.0	6.7	4.8			
		XIV-07			7.VI.1995	101	7.8		0	0	3.52	12.1	9.6			
		XIV-07			6.XII.1995	132	7.8		0	0	1.0	9.9	38.4			
		XIV-07			11.XII.1996	158	8.1		0	0	2.8	10.6	28.8			
		XIV-07			4.III.1997	126	8.0		0	0	1.01	6.0	14.4			
45	CPE	XIV-07	Pt	spring	3.VI.1997	146	7.3		0	0	0.51	4.2	115			
		XIV-07			25.XI.1997	133	7.6		0	0	8.5	67				
		XIV-07			22.III.1993	542	7.6		0	0	34.4	53.17	56.5	0.06		
		XIV-07			5.VII.1993	511	7.6		0	0.03	48.0	40.0	107	0.13		
		XIV-07			28.XII.1993	553	7.4		0	0.04	38.7	38	95.5	0.24		
		XIV-07			15.III.1994	525	7.5	4.7	0	0.04	28.8	35	69	0.03		
		XIV-07			22.VI.1994	698	7.2		0	0.04	45.6	28.5	97	0.09		
		XIV-07			21.IX.1994	515	7.6	5.2			44.5	38	57.5			
		XIV-07			19.XII.1994	597	7.35	4.8			47.5	35.4	80			
		XIV-07			29.III.1995	583	7.2	5.0			58.6	39.0	69.5	0.27		
46	MM3	XIV-07		Pumping station shift well	21.VI.1995	584	7.0	4.9	0	0.01	43.2	42.8	129			
		XIV-07			18.IX.1995	571	7.22		0	0.04	94.1	42.54	123.9	0.19		
		XIV-07			27.XII.1995	562	7.20		0	0	52.4	41.0	108	0.29		
		XIV-07			27.III.1996	529.0	7.13	4.90	0	0.04	19.26	41.3	103.5	0.03		
		XIV-07			26.VI.1996	575.00	7.05	4.80	0.232	0	47.45	40.70	88.84	0.12		
		XIV-07			26.IX.1996	565	7.31	4.65	0	0	37	39.0	110.4	0.09		
		XIV-07			18.XII.1996	602.0	7.05	5.10	0	0.02	39.0	40.7	148.4	0.036		
		XIV-07			18.VI.1997	543	6.73	5.5	0	0	14.2	40	143	0.052		
		XIV-07			30.IX.1997	616	7.18	4.8	0.06	0	25.4	33.63	40.88	0.08		
		XIV-07			18.XII.1997	600	7		0	0	23	32.10	95.60	0.04		
47	HAR	XIV-002	Qol+ptl	Pumping station 3 shift wells and 6 tube wells	23.III.1993	473	7.0		0	0	3.0	56.72	64.8	0		
		XIV-002			5.VII.1993	542	7.0		0.26	0.15	26.6	42	116	0.24		
		XIV-002			28.XII.1993	508	7.2		0.05	0.02	5.6	60	94	0.24		
		XIV-002			16.III.1994	468	7.2	4.8		0.01	1.75	50	58	0.01		
		XIV-002			22.VI.1994	492	7.2				28.4	22	98	0.1		
		XIV-002			23.IX.1994	453	7.2	5.7	1.4	0.1	15.9	50	65			

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	-		6.5-8.5		0		50		250		250	
						Dry res. mg/l	pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l				
47	HAR	XIV-002	Q _{cl+phl}	Pumping station 3 shift wells and 6 tube wells	19.XII.1994	538	7.1	5.5	0.36	0.03	12.5	53.1	87.5				
		XIV-002			29.III.1995	437	7.0	5.3	0.77	0.03	11.6	53.2	64.8	0.18			
		XIV-002			21.VI.1995	487	6.7	5.0	0.81	0.06	0.85	56.7	90				
		XIV-002			27.IX.1995	444	6.79		1.95	0.02	12.4	44.3	98.8	0.08			
		XIV-002			27.XII.1995	432	6.95		0	0	11.2	42.6	86.0	0.35			
		XIV-002			26.III.1996	510.0	6.91	5.45	0.865	0.02	0.327	55.0	87.9	0.01			
		XIV-002			26.VI.1996	492.00	6.88	5.35	0.744	0.183	1.90	56.70	40.66	0.09			
		XIV-002			25.IX.1996	478	7.0	4.15	0	0	3.2	53.2	89.2	0.09			
		XIV-002			18.XII.1996	480.0	6.85	5.5	0.793	0.04	2.0	51.4	287.6	0.36			
		XIV-002			18.VI.1997	496	6.6	5.5	1.06	0.01	8.9	48.9	108.5	0.025			
		XIV-002			30.IX.1997	491	6.88	5.6	0.12	0.04	38	47.86	24.38	0.08			
		XIV-002			18.XII.1997	480	7.50		0.03	0.06	5	42.10	88.50	0.04			
		XIV-002			22.III.1993	580	7.7		0	0.06	5.4	32.0	62	0.39			
		XIV-002			5.VII.1993	654	7.8		0.8	0.02	3.2	42	163	0.24			
		XIV-002			28.XII.1993	734	7.35		0.03	0.15	7.6	42	122	0.12			
		XIV-002			15.III.1994	772	7.26	4.8		0.01	3.15	48	62	0.13			
		XIV-002			22.VI.1994	670	7.4				5.9	40	135	0.14			
		48			MM3	IV-29	Q _{cl+phl}	Pumping station 10 tube wells and 3 shift wells	21.IX.1994	704	7.45	5.0	0.14	0.03	7.5	48	116
IV-29	19.XII.1994		765	7.35		4.9			0.12		5.6	35.4	145				
IV-29	30.III.1995		665	7.15		4.8			0.36	0.07	5.9	42.5	60.5	0.16			
IV-29	21.VI.1995		770	7.02		4.7			0.15	0.05	6.55	5.2	347.4				
IV-29	18.IX.1995		671	8.59					0.092	0.14	10.6	38.99	271.9	0.69			
IV-29	27.XII.1995		648	7.48					0.01	0	9.8	42.8	154	0.59			
IV-29	27.III.1996		668.0	7.32		4.00			0.360	0.09	2.243	30.9	167.2	0.24			
IV-29	26.VI.1996		849.00	7.15		4.40			0.327	0.140	6.30	42.60	216.0	0.27			
IV-29	26.IX.1996		822	7.40		4.15			0.519	0.08	4.7	40.8	365.8	0.30			
IV-29	18.XII.1996		583.0	7.15		4.4			0.40	0.05	2.0	31.9	288	0.51			
IV-29	18.VI.1997		888	6.75		5.25			0.242	0.01	5.8	38.3	528.4	0.26			
IV-29	30.IX.1997		584	7.33		4.8			0.06	0.12	5.0	30.13	181.64	0.68			
IV-29	18.XII.1997		560	7.45					0	0.15	2	30.20	114.5	0.08			
IV-29	22.III.1993		626	7.4					0	0.03	8.2	38.4	69.0	0.42			
IV-001	5.VII.1993		324	7.5					1.26	0.79	17.5	23	90	0.27			
IV-001	28.XII.1993		390	7.4					0.01	0.03	8.0	20	84.5	0.15			
IV-001	15.III.1994		449	7.42		4.1				0.01	8.4	28	58.5	0.17			
IV-001	22.VI.1994		310	7.3							19.8	29.5	88	0.12			
49	MM3	XIV-001	Q _{cl+phl}	Pumping station 10 shift wells "Neohim" enterprise	22.VI.1994	310	7.3										

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	6.5-8.5 pH	Alkali.	0				250 Cl mg/l	250 SO ₄ mg/l	0.5 PO ₄ mg/l	
									NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	50 NO ₃ mg/l				
49	MM3	XIV-001	Qcd+prl	Pumping station 10 shift wells "Neohim" enterprise	21.IX.1994	454	7.42	5.0		0.02	22.4	32	58			
		XIV-001			19.XII.1994	586	7.3	4		0.02	16.5	28.4	87			
		XIV-001			30.III.1995	371	7.1	3.7		0.02	10.25	24.8	59.5	0.34		
		XIV-001			21.VI.1995	436	7.0	4.0		0.15	8.4	31.9	115.8			
		XIV-001			18.IX.1995	364	7.18			0.399	10.2	28.36	118.6	0.86		
		XIV-001			27.XII.1995	386	7.15			0	12.4	26.4	110	0.61		
		XIV-001			27.III.1996	360.0	7.29	3.10		0.048	2.375	20.6	101.6	0.27		
		XIV-001			26.VI.1996	448.00	7.10	4.20		0	11.25	28.40	64.64	0.48		
		XIV-001			26.IX.1996	414	7.15	3.7		0.175	2.2	28.4	109.7	0.6		
		XIV-001			18.XII.1996	318.0	7.14	3.35		0.012	1.5	21.3	99.2	0.045		
		XIV-001			18.VI.1997	513	6.65	4.5		0.007	6.52	20.2	198.6	0.66		
		XIV-001			30.IX.1997	421	7.19	4.3		0.06	6.0	26.59	32.87	0.92		
		XIV-001			18.XII.1997	400	7.3			0	3	25.10	125.5	0.05		
		XIV-001			22.III.1993	620	7.5			0.01	28.6	32.0	59.5	0.24		
		XIV-001			5.VII.1993	613	7.6			0	40.0	22	69	0.05		
		50			MM3	IV-33	Pg	3 springs	28.XII.1993	579	7.3			0.02	38	18
IV-33	15.III.1994		58	7.5		7.8				0.02	37.6	38	63.5	0.01		
IV-33	22.VI.1994		598	7.2						0.04	38.4	18	65	0.07		
IV-33	21.IX.1994		603	7.4		7.8					37.2	18	62			
IV-33	19.XII.1994		622	7.24		7.9					40	23	129			
IV-33	30.III.1995		547	7.1		7.9					31.2	17.7	62.5	0.09		
IV-33	21.VI.1995		647	6.7		7.9					40.1	17.7	68			
IV-33	18.IX.1995		601	6.75							39.2	21.27	80.2	0.23		
IV-33	27.XII.1995		528	6.98							35	18.2	178	0.09		
IV-33	27.III.1996		607.0	6.91		7.75					<0.01	23.28	17.2	78.2	0.01	
IV-33	26.VI.1996		611.00	6.77		7.50					0	33.70	21.30	12.93	0.03	
IV-33	26.IX.1996		650	6.95		7.3					0.01	30	21.3	78.3	0.03	
IV-33	18.XII.1996		586.0	6.90		8.3					0.02	29.0	17.7	75.4	0.03	
IV-33	18.VI.1997		595	6.58		8.5					0	13.9	13.5	112	0.14	
IV-33	30.IX.1997	420	7	8.4			0	21.4	19.50	34.52	0.08					
IV-33	18.XII.1997	460	7.52				0	20	19.50	25.50	0.12					

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Dry res. mg/l	pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l
51	MM3	IV-28	Q _d +p	Pumping station tube well	31.III.1981	820	7.2	6	0	0	48.73	44	185.2	
		IV-28			6.IV.1982	780	7.1		0	0	31.90	53.2	185	
		IV-28			29.III.1983	760	7.2	6.3	0	0	32.78	55	130.4	
		IV-28			2.IV.1984	698	7.1		0	0	36.33	42.3	128	
		IV-28			2.IV.1986		7.1		0.026	0	150.62	142	69.7	
		IV-28			1.X.1986		7		0	0	55.82	42.5	79.6	
		IV-28			2.IV.1987	623	7.2		0	0	48.73	49.7	51.2	
		IV-28			6.VII.1988		7		0	0	27.02	30.1	81.3	
		IV-28			5.IV.1989		7.1		0	0	7.309	46	85	
		IV-28			10.IV.1991		7.1		0	0	40.31	18.3	72	0.3
		IV-28			1.IV.1992		7.1		0	0	41.20	19.5	112.8	0.6
		IV-28			22.III.1993	769	7.5		0	0	49.2	21.5	71.0	0.15
		IV-28			15.III.1994	748	7.5	6.2	0.01	63.6	52	68.5	0.05	
		IV-28			30.III.1995	726	7.2	6.6	0.05	58.65	49.5	69.2	0.13	
		IV-28			27.III.1996	754.0	7.14	6.75	0.04	33.00	55.0	146.0	0.09	
		IV-28			23.III.1993	388	7.2		0	0	11.0	35.45	60.2	0.09
		52			MD	XIV-004	Q _d +N ₂ p	Pumping station 11 tube wells and 2 shift wells	5.VII.1993	367	7.2		0	0.04
XIV-004	28.XII.1993		298	7.4					0.01	14.5	30	61	0.21	
XIV-004	16.III.1994		372	7.5		3.7			0.01	11.9	28	65	0.05	
XIV-004	22.VI.1994		380	7.4						28.8	35	58	0.08	
XIV-004	23.IX.1994		433	7.23		4.3			0.1	30.2	38	62		
XIV-004	19.XII.1994		397	7.2		3.8			0.02	17.7	30.1	130		
XIV-004	29.III.1995		360	7.15		3.9			0.02	12.9	28.4	64.5	0.12	
XIV-004	21.VI.1995		375	6.9		3.8			0.03	11.65	28.4	62.4		
XIV-004	27.IX.1995		367	6.94					0.15	11.8	39	86.8	0.22	
XIV-004	27.XII.1995		352	7.00					0.012	20.5	26.4	72.0	0.45	
XIV-004	26.III.1996		375.0	7.00		3.85			0.03	3.11	30.9	66.1	0.03	
XIV-004	26.VI.1996		415.00	7.18		3.80			0	12.90	35.50	29.61	0.12	
XIV-004	25.IX.1996		434	7.16		3.5			0.01	13	35.5	78.9	0.08	
XIV-004	18.XII.1996		399.0	7.15		4.0			<0.01	14.2	35.5	87.0	0.030	
XIV-004	18.VI.1997		429	6.68		4.0			0	7.82	31.2	86.7	0.43	
XIV-004	30.IX.1997		423	7.20		3.9			0.02	31	35.45	29.45	0.08	
XIV-004	17.XII.1997		416	7.18					0	10	34.60	79.30	0.09	

TABLE F.2. GROUNDWATER QUALITY BY NESCD

No	Basin	No	Biological index	Type	Standard Date	Dry res. mg/l	pH	Alkali.	NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l	
															6.5-8.5
53	MM2	IV-27	Qol+prl	Pumping station shift well	22.III.1993	591	7.2		0	0.015	15.6	18.5	72.5	0.45	
		IV-27			15.III.1994	617	7.3	5.3	0	0.04	11.55	38	62	0.43	
		IV-27			21.IX.1994	454	7.2	5.5	0.14	0.05	6.8	50	106		
		IV-27			30.III.1995	1152	7.15	4.6	0	0.06	12.65	35.5	61.5	0.05	
		IV-27			18.IX.1995	1100	6.89		0	0.02	15.5	31.91	123.6	1.93	
		IV-27			27.III.1996	534.0	7.12	4.75	0	0.07	14.54	34.4	135.2	0.60	
		IV-27			26.IX.1996	498	7.09	4.6	0.076	0	4.3	33.7	103.2	1.5	
		IV-27			30.IX.1997	399	7.07	4.9	0	0	38.2	26.59	24.52	2.36	
		IV-31			20.X.1980	557	7.3	5.5	0	0	177.20	39	83		
		IV-31			31.III.1981	550	7.2	6	0	0	15.06	40	84.8		
		IV-31			6.X.1981	520	7.3	4.5	0	0	16.83	32.5	86.2		
		IV-31			6.IV.1982	530	7.2		0	0	30.12	28.4	82.6		
		IV-31			27.IX.1982	520	7.4	5.2	0	0.01	19.05	40	85.3		
		IV-31			29.III.1983	525	7.1	5.8	0	0	20.38	42	105.2		
		IV-31			6.X.1983	619	7		0	0	20.82	39.7	89.9		
		IV-31			2.X.1984	579	7		0	0	29.68	41.1	122		
		IV-31			1.X.1984	620	6.8		0	0	31.90	36.2	102		
54	HAR	IV-31		Pumping station of enterprise	2.IV.1986		7.3		0	0	124.04	35.5	67.4		
		IV-31			1.X.1986		7.1		0	0	121.39	39	59.2		
		IV-31			2.IV.1987	467	7.1		0	0	133.34	39	41		
		IV-31			5.X.1987		7.2		0	0	23.90	21.3	49.8		
		IV-31			6.VII.1988		7.1		0	0	22.59	33.6	62		
		IV-31			4.IV.1989		7.2		0	0	8.417	35.5	60.2		
		IV-31			11.X.1989		7.4		0	0	16.83	31.2	71		
		IV-31			9.X.1990		7.4		0	0	25.25			0.36	
		IV-31			10.IV.1991		7.2		0	0	34.55	30.5	52.3	0.36	
		IV-31			3.X.1991		7.3		0	0	16.26	28.4	62.5	0.1	
		IV-31			1.IV.1992		7.3		0	0	49.62	31.9	80	0.6	
		IV-003			14.I.1993	366	7.5		0	0	3.9	21.4	62.5	0	
		IV-003			23.III.1993	375	7.1		0	0	16.0	24.82	54.5	0.1	
		IV-003			17.V.1993	376	7.3		0	0	5.6	28.8	61.4	0	
		IV-003			26.X.1993		7.1		0.05	25					
		IV-003			16.III.1994	351	7.5	4.4			21.9	20	64	0.06	
		IV-003			17.V.1994	360	7.05	4.5	0.07	4.5	22.75	24	31.5	0.045	
IV-003	26.VII.1994	340	7.1		0.05	20.9	20.7	58	0.05						

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Biological index	Type	Standard Date	Dry res. mg/l	pH	Alkali.	6.5-8.5					NH ₄ mg/l	NO ₂ mg/l	NO ₃ mg/l	Cl mg/l	SO ₄ mg/l	PO ₄ mg/l
									0	0	50	250	250						
55	HAR	XIV-003	Q ₀₁ +pr+ ₂ N ₂	Pumping station "Haskovo-I" 15 tube wells	23.IX.1994	361	7.21	4.0	0	0	28.4	20	55	0.025	25	26.6	58	0.8	
		XIV-003			22.XI.1994	575	7.12	3.8	0	0	23	28.36	65	0.01	0.018	25	26.6	58	0.8
		XIV-003			28.XI.1994	367	7.24	4.6	0	0	22.6	24.82	37.5	0.03	0.02	23	28.36	65	0.01
		XIV-003			19.I.1995	387	6.95	4.6	0	0	18.6	28.4	65.2	0.11	0	0	28.4	65.2	0.11
		XIV-003			29.III.1995	335	7.24	4.5	0	0	19	26.6	66.21	0.15	0	0	26.6	66.21	0.15
		XIV-003			31.V.1995	347	6.8	4.3	0	0	18.6	24.3	66.2	0.12	0.05	18.6	24.3	66.2	0.12
		XIV-003			24.VII.1995	358	6.94	4.5	0	0	18.6	19.5	44.8	0.18	0.02	18.6	19.5	44.8	0.18
		XIV-003			27.IX.1995	340	7.08	4.5	0	0	13.65	26.6	51.2	0.18	0.03	13.65	26.6	51.2	0.18
		XIV-003			28.XII.1995	382	6.90	4.8	0	0	27.0	28.4	96.4	0.09	0.02	27.0	28.4	96.4	0.09
		XIV-003			21.I.1996	422	6.97	4.8	0	0	21.3	28.40	50	0.06	0.03	21.3	28.40	50	0.06
		XIV-003			23.I.1996	423	6.95	4.6	0	0	21.49	27.8	43.2	0.09	0.02	21.49	27.8	43.2	0.09
		XIV-003			26.III.1996	392.0	7.03	4.8	0	0	13.4	28.4	86.4	0.18	0.02	13.4	28.4	86.4	0.18
		XIV-003			21.V.1996	408	6.84	4.5	0	0	19.95	30.1	37.2	0.095	0	19.95	30.1	37.2	0.095
		XIV-003			17.VII.1996	396.0	7.15	4.3	0	0	17	24.8	35.6	0.3	0	17	24.8	35.6	0.3
		XIV-003			25.IX.1996	381	7.1	4.8	0	0	21	27.2	62.5	0.09	0.01	21	27.2	62.5	0.09
XIV-003	19.XI.1996	404	6.80	5.15	0	0	19	26.3	88.6	0.082	0	19	26.3	88.6	0.082				
XIV-003	22.VII.1997	418	6.94	5	0	0	20	27.75	12.00	0.32	0	20	27.75	12.00	0.32				
XIV-003	30.IX.1997	409																	

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	CO ₃	HCO ₃	Ca	Mg	80	0.2	Fe	Mn	0.1	0.01	As	0.05	Pb	0.05	Cu	0.2	Zn	5	Ni				
1	STR	IV-38	Pz	spring	17.III.1993			32	7.0	0.1	0																	
		IV-38			17.VI.1993			40	10	0	0																	
		IV-38			15.IX.1993			32	7.0																			
		IV-38			16.XII.1993			27	7																			
		IV-38			17.III.1994			34	17																			
		IV-38			29.VI.1994			34.1	10.9	0																		
		IV-38			21.IX.1994			36.1	6.1																			
		IV-38			15.XII.1994			29.9	8.2																			
		IV-38			28.III.1995			31.1	10.0	0.04	<0.01																	
		IV-38			19.VI.1995			30.8	8.8	0.2	0																	
		IV-38			19.IX.1995			35.3	9.0	0.001	0.001																	
		IV-38			11.XII.1995			57.3	0.0	0.027	0.080																	
		IV-38			20.III.1996			50.0	9.3	0.033	0.001																	
		IV-38			18.VI.1996			42.6	7.2	0.006	0.001																	
		IV-38			18.IX.1996			34.0	14.6	0.030	0.005																	
		IV-38			19.III.1997			30.1	7.3	<0.001	<0.001																	
		IV-38			11.VI.1997			30.1	7.3	0.100	0.005																	
		IV-38			3.IX.1997			39.4	9.7	0.111	0.006																	
		2			STR	IV-381		Pumping station 3 shaft wells 1 tube well	17.III.1993			30	7.0	0.06	0													
						IV-381			17.VI.1993			35.1	12.5	0	0													
IV-381	15.IX.1993					32			6.0	0.4																		
IV-381	16.XII.1993					31			7	0.2																		
IV-381	17.III.1994					32			7.0																			
IV-381	29.VI.1994					30.1			8.5	0.3																		
IV-381	21.IX.1994					34.1			6.1																			
IV-381	15.XII.1994					31.8			8.2																			
IV-381	28.III.1995					31.1			10.0	0.3	0.01																	
IV-381	19.VI.1995					32.6			8.8	0	0																	
IV-381	19.IX.1995					35.3			11.3	0.05	0.001																	
IV-381	11.XII.1995					61.1			8.1	0.356	0.137																	
IV-381	20.III.1996					45.8			7.0	0.231	0.008																	
IV-381	18.VI.1996					60.0			9.7	0.016	0.006																	
IV-381	18.IX.1996					42.1			4.8	0.112	0.013																	
IV-381	19.III.1997					32.1			7.3	0.1	<0.001																	
IV-381	11.VI.1997					22.0			7.3	0.038	0.003																	
IV-381	3.IX.1997					31.8			7.0	0.030	0.003																	

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Biological index	Type	Standard		Concentration (mg/L)																								
					Date		CO ₃	HCO ₃	Ca	Mg	80	Fe	0.2	Mn	0.1	Cd	0.01	As	0.05	Pb	0.05	Cu	0.2	Zn	5	Ni					
3	MM2	IV-23	Qoi+pti 3 tube wells	Pumping station	23.IV.1993				56	29	0.05	0																			
		IV-23			14.IX.1993			52	33																						
		IV-23			16.III.1994			68	27																						
		IV-23			19.IX.1994			52.1	25.5																						
		IV-23			21.III.1995			53.1	23.3	0.2	0.3																				
		IV-23			18.IX.1995			55.8	20.3	0.001	0.001																				
		IV-23			19.III.1996			61.1	27.4	0.035	0.005																				
		IV-23			17.IX.1996			54.1	17.0	0.038	0.003																				
		IV-23			27.III.1997			70.1	26.8	<0.001	<0.001																				
		IV-23			4.IX.1997			82.2	13.4	0.038	0.006																				
		IV-001										116	16	0.1	0	<0.001													1.1		
		IV-001										72.3	20.0	0	0															1.6	
		IV-001										88	17	0.5		<0.001															0.09
		IV-001										108	18	0		<0.001															0.03
		IV-001										114	21	0		0.001															0.035
		IV-001										96.2	18.2	0.4		<0.001															0.02
IV-001								106.2	17			<0.001															<0.01				
IV-001								112.2	18.2			<0.001															0.008				
IV-001	MM1	IV-001	Qpti	tube well	14.XII.1994			109.8	16.6	0.1	0.3	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.02	1.2					0.001				
IV-001		20.III.1995					72.2	36.0	0.1	0													0.002	0.001	0.205				0.002		
IV-001		13.VI.1995					70.7	33.9	0.001	0.01	0.002												0.014	0.005	0.111				0.014		
IV-001		25.IX.1995					160	24	0.001	0.014	0.001												0.006	0.010	1.6				0.006		
IV-001		7.XII.1995					105.1	19.7	0.060	0.008	0.003												0.017	0.008	0.770				0.017		
IV-001		18.III.1996					136.3	43.8	0.014	0.007	0.001												0.028	0.002	1.020				0.028		
IV-001		17.VI.1996					152.3	21.8	0.058	0.010	0.002												0.007	<0.001	0.810				0.007		
IV-001		16.IX.1996					112.0	18.2	0.02	0.002	<0.001												<0.001	<0.001	1.0				<0.001		
IV-001		18.III.1997					56.0	12.0	0.052	0.005	<0.001												<0.001	<0.001	0.382				<0.001		
IV-001		4.VI.1997					74.0	9.70	0.048	0.028	0.006												0.001	<0.004	0.080				0.001		
IV-001	24.IX.1997																														

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	-		150	80	0.2	0.1	0.01	0.05	0.05	0.2	5			
						CO ₃	HCO ₃	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni		
5	MM1	IV-006	Qpr	2 tube wells in a drift fan	16.III.1993			110	21	0.1	0	<.001				0.35			
		IV-006			15.VI.1993		66	11.3	0	0	<.001				0.01			0.05	
		IV-006			13.IX.1993		106				<.001					0.07			1.7
		IV-006			14.XII.1993		110	11	0		<.001					0.04			1.43
		IV-006			15.III.1994		130	6.0	0		0.001					0.017			2.04
		IV-006			27.VI.1994		116.2	14.6	0.2		<.001					0.02			>20
		IV-006			20.IX.1994		86.2	23.1			<.001					<0.01			2.28
		IV-006			14.XII.1994		74.8	24.6			<.001					0.003			0.54
		IV-006			20.III.1995		95.2	15.5	0.1	0.3	0.001	0.001	0.001	0.005	0.005	0.001	0.005	0.005	0.8
		IV-006			13.VI.1995		99.2	22.9	0.1	0	0.002								0.751
		IV-006			25.IX.1995		104.2	29.4	0.001	0.001	0.002								0.153
		IV-006			7.XII.1995		135.6	27.8	0.001	0.040	0.001								1.050
		IV-006			18.III.1996		110.8	18.6	0.017	0.007	0.001								0.564
		IV-006			17.VI.1996		100.2	21.9	0.003	0.002	0.002								0.985
		IV-006			16.IX.1996		136.2	19.4	0.020	0.008	0.001								0.608
		IV-006			18.III.1997		108.0	13.3	0.030	0.001	<.001								1.0
		IV-006			4.VI.1997		50.0	14.0	0.038	0.006	<.001								8.748
		IV-006			24.IX.1997		86.0	21.8	0.032	0.030	0.009								0.083
		6			MM1	IV-43	Qd	private shift well	23.III.1993			160	35	0	0				
IV-43	14.IX.1993			178		20			0.3										
IV-43	16.III.1994			140		41													
IV-43	19.IX.1994			76.2		45.2			0.4										
IV-43	21.III.1995			131.8		33.3			0.1	0.3									
IV-43	18.IX.1995			130.2		38.4			0.001	0.001									
IV-43	19.III.1996			150.0		40.2			0.015	0.014									
IV-43	17.IX.1996			182.4		24.3			0.040	0.022									
IV-43	27.III.1997			208.4		21.9			<.001	<.001									
IV-43	4.IX.1997			214.4		12.2			0.040	0.026									

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Biological index	Type	Standard Date	CO ₃	HCO ₃	Ca	Mg	80	Fe	0.2	Mn	0.1	Cd	0.01	As	0.05	Pb	0.05	Cu	0.2	Zn	5	Ni				
7	MM1	IV-004	Q _{cl} +N ₂ P1	Pumping station 3 tube wells	23.III.1993			50.0	12	0.05	0																		
		18.VI.1993					53.7	5.0	0																				
		14.IX.1993					50	17																					
		15.XII.1993					46	12																					
		16.III.1994					50	11																					
		28.VI.1994					48.1	14.6																					
		19.IX.1994					44.1	10.9	0.1																				
		13.XII.1994					41.1	6.8																					
		21.III.1995					36.6	13.3	0.1	0.3																			
		14.VI.1995					39.7	18.6	0.1	0																			
		18.IX.1995					44.6	16.9	0.001	0.001																			
		8.XII.1995					49.7	7.0	0.001	0.035																			
		19.III.1996					51.6	13.9	0.011	0.008																			
		19.VI.1996					50.1	13.3	0.030	0.002																			
		17.IX.1996					42.1	14.6	0.046	0.080																			
		27.III.1997					42.1	20.7	<0.001	<0.001																			
		10.VI.1997					42.1	19.4	0.056	0.030																			
		IV-004					56.1	13.4	0.041	0.038																			
		4.IX.1997					62	21	0.09	0																			
		18.III.1993					72.3	13.8	0	0																			
16.VI.1993			61	22																									
21.IX.1993			58	16																									
16.XII.1993			74	15																									
22.III.1994			46.1	25.5	0																								
29.VI.1994			62.1	13.4																									
27.IX.1994			59.8	18.2																									
15.XII.1994			58.6	18.7	0.04	<0.01																							
29.III.1995			59.7	19.7	0.2	0																							
19.VI.1995			57.7	19.2	0.002	0																							
26.IX.1995			55.4	18.6	0.001	0.155																							
11.XII.1995			85.9	17.4	0.040	0.036																							
26.III.1996			60.1	17.0	0.048	0.038																							
23.IX.1996			62.1	24.3	0.006	<0.001																							
25.III.1997			62.1	24.3	0.050	0.026																							
2.IX.1997																													
8	PYA	IV-008	Q _{cl}	Pumping station 3 tube wells	18.III.1993			62	21	0.09	0																		
		16.VI.1993					72.3	13.8	0	0																			
		21.IX.1993					61	22																					
		16.XII.1993					58	16																					
		22.III.1994					74	15																					
		29.VI.1994					46.1	25.5	0																				
		27.IX.1994					62.1	13.4																					
		15.XII.1994					59.8	18.2																					
		29.III.1995					58.6	18.7	0.04	<0.01																			
		19.VI.1995					59.7	19.7	0.2	0																			
		26.IX.1995					57.7	19.2	0.002	0																			
		11.XII.1995					55.4	18.6	0.001	0.155																			
26.III.1996			85.9	17.4	0.040	0.036																							
23.IX.1996			60.1	17.0	0.048	0.038																							
25.III.1997			62.1	24.3	0.006	<0.001																							
2.IX.1997			62.1	24.3	0.050	0.026																							

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard		CO ₃	HCO ₃	Ca	Mg	80	Fe	Mn	0.1	0.01	0.05	As	Pb	0.05	Cu	0.2	Zn	5	Ni			
					Date																						
9	MM1	IV-20	QcH-pH1	Pumping station 1 tube well 1 shaft well	7.V.1981		0	138	52.9	0	0	0	0														
		IV-20			27.IV.1982	0	187	27.3	16.4	0	0																
		IV-20			3.V.1983	0	122	65.6	0	0	0																
		IV-20			6.IV.1984	0	48.8	43	0	0.1	0																
		IV-20			19.IV.1985	0	97.6	44.1	3.7	0	0																
		IV-20			16.IV.1986	0	135.5	34.28	11.31	0	0																
		IV-20			7.IV.1987	0	116			0.3	0																
		IV-20			19.IV.1988					0	0																
		IV-20			3.V.1989					0	0																
		IV-20			10.IV.1990	0	83.3			0.9	0																
		IV-20			6.V.1992	0	111	46	10	0	0																
		IV-20			17.III.1993			40.0	11	0.1	0																
		IV-20			15.IX.1993			42.0	12.0	0.1																	
		IV-20			17.III.1994			56	13	0.6																	
		IV-20			21.IX.1994			48.1	10.9																		
		IV-20			28.III.1995			42.1	14.4	0.2	0.02																
		IV-20			19.IX.1995			40.9	15.8	0.001	0.001																
		IV-20			20.III.1996			55.4	8.1	0.113	0.021																
		IV-20			18.IX.1996			46.1	20.7	0.110	0.018																
		IV-20			19.III.1997			48.1	15.8	0.3	<.001																
IV-20	3.IX.1997			48.1	15.8	0.110	0.043																				
10	STR	IV-18	QcH-pH1	Pumping station 2 shaft wells and spring	17.III.1993				38	10	0.1	0															
		IV-18			15.IX.1993			32	7.0																		
		IV-18			17.III.1994			48	6.0	0.5																	
		IV-18			21.IX.1994			34.1	10.9	0.1																	
		IV-18			28.III.1995			32.9	11.1	0.07	<0.01																
		IV-18			19.IX.1995			35.3	9.0	0.02	0.001																
		IV-18			20.III.1996			43.9	5.8	0.041	<.001																
		IV-18			18.IX.1996			36.1	14.6	0.036	0.002																
		IV-18			19.III.1997			40.1	9.7	0.02	<.001																
		IV-18			3.IX.1997			40.1	9.70	0.028	0.003																

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	-		150		80		0.2		0.1		0.01		0.05		0.05		0.2		5	
						CO ₃	HCO ₃	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni								
		IV-16			11.IX.1980	0	244	102.2	18.3	0	0	0	0												
		IV-16			11.III.1981	0	297.5	169.33	35.07	0	0	0	0												
		IV-16			19.VIII.1981	5.9	227.2	112.9	6.63	0	0	0	0												
		IV-16			2.XII.1981	0	309.4	125.2	7.01	0.44	0	0	0												
		IV-16			3.III.1982	0	200	84.2	24.2	0.2	0	0	0												
		IV-16			8.VI.1982	0	336	114.2	24.3	0	0	0	0												
		IV-16			7.IX.1982	0	286	54.6	11.1	0	0	0	0												
		IV-16			7.XII.1982	0	348	86.4	14.6	0.6	0	0	0												
		IV-16			23.III.1983	0	177	98.8	13.9	0.5	0	0	0												
		IV-16			9.VI.1983	0	244	124.1	5.8	0	0	0	0												
		IV-16			7.IX.1983	0	279	114.2	17	0	0	0	0												0
		IV-16			1.XII.1983	0	319		50.8	16.7	0	0	0												
		IV-16			9.III.1984	0	244	93.84	170.2	0	0	0	0												
		IV-16			21.VI.1984	0	180	121.1	20.3	0	0	0	0												0
		IV-16			12.IX.1984	0	148.9	117.2	23.7	0	0	0	0												
		IV-16			27.XII.1984	0	321	107	20	0.3	0	0	0												
		IV-16			5.III.1985	0	141	48	14.9	0.2	0	0	0												
		IV-16			4.VI.1985	0	297	100.2	18.2	0.2	0	0	0												
		IV-16			12.IX.1985	0	950	80	3.6	0	0	0	0												
		IV-16			11.XII.1985	0	261.8	72.1	29.2	0	0	0	0												
		IV-16			17.III.1986	0	338.7	102.5	22.6	0	0	0	0												
		IV-16			24.VI.1986	0	243.9	101.7	0.83	0	0	0	0												
		IV-16			11.IX.1986	0	257	168.6	67.8	0	0	0	0												
		IV-16			9.XII.1986	0	321	107.5	17.1	0	0	0	0												
		IV-16			17.III.1987	0	256			0	0	0	0												
		IV-16			9.VI.1987	0	328			0	0	0	0												
		IV-16			2.IX.1987					0	0	0	0												
		IV-16			14.XII.1987					0	0	0	0												
		IV-16			9.III.1988					0.3	0	0	0												
		IV-16			2.VI.1988					0	0	0	0												
		IV-16			1.IX.1988					0.1	0	0	0												
		IV-16			8.XII.1988					0	0	0	0												
		IV-16			1.III.1989					0	0	0	0												
		IV-16			14.VI.1989					0	0	0	0												
		IV-16			12.IX.1989					0.4	0	0	0												
		IV-16			12.XII.1989					0.3	0	0	0												
11	CPE		Qd+prl	tube well																					

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	CO ₃	HCO ₃	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni				
																		150	80	0.2	0.1
11	CPE	IV-16	Qch-pH	tube well	6.III.1990					0	0										
		IV-16			12.VI.1990	0	238			0	0										
		IV-16			11.IX.1990	0	261.8			0	0										
		IV-16			11.XII.1990	0	348.5			0	0										
		IV-16			13.III.1991	0	278.8			0	0										
		IV-16			11.VI.1991	0	237			0	0										
		IV-16			3.IX.1991	10.9	277.3			0	0										
		IV-16			11.XII.1991	0	155			0	0										
		IV-16			5.III.1992	0	261			0	0										
		IV-16			2.VI.1992	0	376	18	35	0	0				0.007						0.114
		IV-16			10.IX.1992	0	117	30	24	0	0										
		IV-16			2.XII.1992	0	219	100.7	29.4	0	0				0.003	0	0.03				0.023
		IV-16			16.III.1993			54	26	0.1	0						0.02				0.01
		IV-16			15.VI.1993			35.1	12.5	0	0				<.001		0.01				<.0.01
		IV-16			13.IX.1993			46.0	20.0	0	0				0.001		0.02				0.08
		IV-16			15.XII.1993			62.0	55.0	0	0				<.001		0.03				0.01
		IV-16			15.III.1994			72	17	0	0				0.001		0.091				0.1
		IV-16			27.VI.1994			72.1	18.2						0.001		<.0.01				0.03
		IV-16			20.IX.1994			40.1	31.6						<.001		<.0.01				0.03
		IV-16			14.XII.1994			58	14.3						<.001		0.004				<.001
		IV-16			20.III.1995			24.2	10.0	0.2	0.3				0.001	0.001	0.001	0.02			0.02
		IV-16			13.VI.1995			50.5	28.3	0.1	0				0.001		0.001	0.005			0.005
		IV-16			25.IX.1995			52.1	27.1	0.001	0.001				0.001		0.001	0.003			0.010
		IV-16			7.XII.1995			63.0	22.0	0.001	0.026				0.001		0.001	0.004			0.059
IV-16	16.III.1996			50.0	26.7	0.008	0.004				0.001		<.001	0.002			0.018				
IV-16	17.VI.1996			56.1	19.4	0.007	0.004				<.001		0.002	0.002			0.024				
IV-16	16.IX.1996			62.1	12.1	0.010	0.004				0.001		<.001	0.002			0.028				
IV-16	18.III.1997			28.0	10.9	<.001	0.001				<.001		0.002	<.001			0.040				
IV-16	4.VI.1997			42.0	12.0	0.010	0.005				<.001		0.006	<.001			0.086				
IV-16	24.IX.1997			44.0	19.4	0.011	0.012				0.003		0.003	<.004			0.026				

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	CO ₃	HCO ₃	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni				
12	PYA	IV-003	Qcl	Pumping station tube well	18.III.1993			22	26	0.09	0										
		16.VI.1993				41.3	15	0	0												
		21.IX.1993				51	24														
		20.XII.1993				56	19														
		29.III.1994				56	23														
		30.VI.1994				40	30														
		27.IX.1994				52.1	17														
		19.XII.1994				54.2	17.1	0								0.003					
		29.III.1995				51.2	17.8	0.05	<0.01							0.002					
		20.VI.1995				52.5	23.0	0.1	0							0.001					
		26.IX.1995				56.1	22.6	0.001	0.002							0.003					
		12.XII.1995				66.9	17.4	0.030	0.008							0.001					
		26.III.1996				47.7	22.0	0.820	0.005							.0002					
		20.VI.1996				54.1	12.2	0.016	0.009							.0001					
		25.III.1997				60.0	18.2	0.020	<.001							<.001					
		11.VI.1997				54.1	18.2	0.056	0.009							.0028					
		2.IX.1997				53.6	17.2	0.070	0.010												
		13			MML	IV-002	Pt	artesian well	16.IV.1993			44	24	0.1	0						
						15.VI.1993				37.2	25	0	0								
						13.IX.1993				46	34										
14.XII.1993			52	29		0															
15.III.1994			58	38		0															
27.VI.1994			72.1	24.3																	
20.IX.1994			36.1	31.6																	
14.XII.1994			50.5	28.5																	
20.III.1995			23.8	22.1		0.1			0.3												
13.VI.1995			54.1	25.1		0.1			0												
25.IX.1995			61.4	22.6		0.001			0.001												
7.XII.1995			74.5	34.8		0.001			0.015										0.052		
18.III.1996			57.3	31.3		0.003			0.001												
17.VI.1996			50.7	26.7		0.007			0.001												
16.IX.1996			50.1	12.2		0.003			0.001												
18.III.1997			22.0	19.4		<.001			0.004												
4.VI.1997		36.0	18.0	0.072	0.005																
24.IX.1997		84.0	14.5	0.011	0.021																

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard		Concentration (mg/L)																				
					Date	Date	CO ₃	HCO ₃	Ca	Mg	80	Fe	0.2	Mn	0.1	Cd	0.01	As	0.05	Pb	0.05	Cu	0.2	Zn	5	Ni	
14	MM1	IV-0092	Pt	two springs	16.III.1993				110	9.0	9.0	0.1	0	<.001				0.02						0.78			
		IV-0092			15.VI.1993			109.4	12.5	0	0	<.001							0.03						1.63		
		IV-0092			22.IX.1993			195				<.001								0.03						0.46	
		IV-0092			14.XII.1993			135	5	0.2		<.001								0.1						0.04	
		IV-0092			15.III.1994			128	6.0	0		0.001								0.022						2.64	
		IV-0092			27.VI.1994			104.3	10.9			<.001								<.001						0.04	
		IV-0092			20.IX.1994			42.1	20.7			<.001								<.001						0.02	
		IV-0092			14.XII.1994			140.2	17.1			<.001								0.017						0.129	
		IV-0092			20.III.1995			36.6	10.0	0.1	0.3	0.001	0.001	0.001	0.001	0.02	0.02									0.02	
		IV-0092			13.VI.1995			106.4	21.8	0.1	0	0.001								0.001						0.042	
		IV-0092			25.IX.1995			109.7	22.6	0.001	0.001	0.002								0.001						0.119	
		IV-0092			7.XII.1995			145.2	29.0	0.031	0.025	0.002								0.003						1.600	
		IV-0092			18.III.1996			137.5	40.6	0.006	0.003	0.001								0.013						0.200	
		IV-0092			17.VI.1996			128.3	26.7	0.012	0.003	0.001								0.009						0.047	
IV-0092	16.IX.1996			170.3	18.2	0.068	0.002	0.001								0.012						0.201					
IV-0092	18.III.1997			160.0	28.0	0.05	0.002	<.001								<.001						0.1					
IV-0092	4.VI.1997			36.0	10.0	0.010	0.003	<.001								<.001						0.160					
IV-0092	24.IX.1997			96.0	19.4	0.018	0.030	0.004								<.001						0.019					
15	PYA	IV-007	Q	Pumping station 3 shaft wells	18.III.1993			58	15	15	0.1	0				<.001											
		IV-007			16.VI.1993			66.1	31.3	0	0							0									
		IV-007			21.IX.1993			49	18																		
		IV-007			16.XII.1993			54	15	0.1																	
		IV-007			22.III.1994			54	24	0																	
		IV-007			29.VI.1994			56.1	18.2	0.3																	
		IV-007			27.IX.1994			50.1	13.4																		
		IV-007			15.XII.1994			52.4	13.7											<.001							
		IV-007			29.III.1995			51.2	14.4	0.06	<.001																
		IV-007			19.VI.1995			61.5	17.5	0.2	0									0.001							
		IV-007			26.IX.1995			63.2	18.1	0.001	0.001									0.001							
		IV-007			11.XII.1995			82.1	15.1	0.005	0.042									0.001							
		IV-007			26.III.1996			120.3	24.3	0.298	0.012									.0001							
		IV-007			18.VI.1996			40.0	19.4	0.100	0.050									.0001							
IV-007	23.IX.1996			72.1	18.2	0.260	0.018									.0001											
IV-007	25.III.1997			76.2	21.9	0.08	<.001																				
IV-007	11.VI.1997			72.1	26.8	0.165	0.060									<.001											
IV-007	2.IX.1997			70.4	27.8	0.215	0.031									.0012											

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	-		150		80		0.2		0.1		0.01		0.05		0.05		0.2		5						
						CO ₃	HCO ₃	Ca	Mg	Fe	Mn	Cd	As	Pb	Cu	Zn	Ni													
16	MM2	IV-0091	Pt	spring catchment	16.III.1993			46	22	0.1	0																			
		15.VI.1993				26.8	16.3	0	0																					
		13.IX.1993				24	27																							
		14.XII.1993				58	16	0																						
		15.III.1994				78	17	0																						
		27.VI.1994				84.2	13.3																							
		20.IX.1994				52.1	19.5																							
		14.XII.1994				67.3	12.6																							
		20.III.1995				40.3	7.8	0.2	0.3																					
		13.VI.1995				50.5	21.8	0.1	0																					
		25.IX.1995				48.4	22.6	0.018	0.001																					
		7.XII.1995				70.7	19.7	0.001	0.001																					
		18.III.1996				47.8	20.9	0.012	0.001																					
		17.VI.1996				42.1	15.8	0.003	0.004																					
		16.IX.1996				56.1	14.6	0.010	0.001																					
		18.III.1997				26.0	15.8	<.001	<.001																					
		4.VI.1997				18.0	8.0	<.001	<.001																					
		24.IX.1997				80.0	19.4	0.005	0.010																					
		17			VAC	IV-10	Qal-pri	tube well	10.X.1980	0	255.9	77.2	7.6	0	0															
						IV-10			7.X.1981	0	421.4	131.3	21.4	0	0															
IV-10	27.IV.1982		0	473		154.8			0	0	0																			
IV-10	3.V.1983		0	188.5		196.8			0	0.2	0																			
IV-10	24.IV.1984		0	354		76.4			10.7	0.3	0																			
IV-10	9.X.1984		0	366		133.7			26.2	0	0																			
IV-10	18.IV.1985		0	325.3		150.3			7.3	0	0																			
IV-10	16.IV.1986		0	284		115.5			22.6	0	0																			
IV-10	7.IV.1987		0	372						0	0																			
IV-10	9.X.1987												0	0																
IV-10	19.IV.1988												0	0																
IV-10	10.V.1989												0	0																
IV-10	12.IV.1990		0	285.6									0	0																
IV-10	24.X.1990		0	346.9									0.8	0																
IV-10	5.VI.1991		0	251									0.36	0																
IV-10	2.X.1991	0	432						0	0																				
IV-10	16.IV.1992	0	340						0	0																				
IV-10	13.X.1992	0	184.1						0	0																				

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	Concentration (mg/L)																			
						CO ₃	HCO ₃	Ca	Mg	80	Fe	0.2	Mn	0.1	0.01	0.05	As	Pb	0.05	Cu	0.2	Zn	5	Ni	
17	VAC	IV-10	Q _{cl+prl}	tube well	24.III.1993			120	20	0	0														
		IV-10			20.XII.1993			120.0	12.0	0	0														
		IV-10			23.III.1994			114	22	0															
		IV-10			30.VI.1994			130	28																
		IV-10			28.IX.1994			92.2	28																
		IV-10			19.XII.1994			102.9	20.5																
		IV-10			30.III.1995			54.9	31.1	0.06	<0.01														
		IV-10			20.VI.1995			63.4	32.9	0.1	0														
		IV-10			27.IX.1995			107.9	22.6	0.001	0.001														
		IV-10			27.III.1996			68.8	36.6	0.132	0.021														
		IV-10			24.IX.1996			108.2	23.1	0.160	0.018														
		IV-10			26.III.1997			44.1	21.9	0.020	<.001														
		IV-10			23.IX.1997			54.0	21.8	0.108	0.010														
		18			MM1	IV-131	Q _{cl+prl+N₂}	Thermoelectric power station "North" tube well	17.III.1993			48	11	0.1	0										
IV-131	15.IX.1993					52			9.7	0.2															
IV-131	17.III.1994					50			12	0.4															
IV-131	21.IX.1994					52.1			7.3																
IV-131	28.III.1995					49.4			14.4	0.2	0.01														
IV-131	19.IX.1995					48.4			16.9	0.001	0.001														
IV-131	20.III.1996					36.3			18.6	0.025	<.001														
IV-131	18.IX.1996					46.1			12.1	0.028	0.001														
IV-131	19.III.1997					46.1			13.4	<.001	<.001														
IV-131	3.IX.1997					45.9			13.2	0.026	0.007														
IV-141	16.III.1993					100			27	0.1	0														
IV-141	15.VI.1993					88.1			25.1	0	0														
IV-141	13.IX.1993					80			34	0.1															
IV-141	14.XII.1993					203			2	0															
IV-141	15.III.1994			132	68	0																			
IV-141	27.VI.1994			120.2	60.8	0.2																			
IV-141	19.IX.1994			74.1	30.4	0.1																			
IV-141	14.XII.1994			86	34.2																				
IV-141	20.III.1995			69.5	37.7	0.2	0.3																		
IV-141	13.VI.1995			108.3	28.1	0.1	0																		
IV-141	25.IX.1995			122.8	24.8	0.001	0.001																		
IV-141	7.XII.1995			84	34.8	0.001	0.001																		

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	CO ₃	HCO ₃	Ca	Mg	80	Fe	0.2	Mn	0.1	Cd	0.01	As	0.05	Pb	0.05	Cu	0.2	Zn	5	Ni			
19	MM1	IV-141		tube well	18.III.1996			86.0	26.7	0.008	0.001																	
		IV-141			17.VI.1996			152.3	43.8	0.132	0.06																	
		IV-141			16.IX.1996			114.2	27.9	0.008	0.010																	
		IV-141			18.III.1997			40.0	12.1	0.2	0.005																	
		IV-141			4.VI.1997			42.0	3.0	0.210	0.032																	
		IV-141			24.IX.1997			90.0	27.8	0.026	0.010																	
									3.VIII.1993					0.2	0							0.03						
									14.IX.1993			82	16	0.3	0							0.02						
									20.IX.1993			84	15.8	0.4	0.48	<.001						0.02						0.05
									27.IX.1993			82	16	0.36	0.35							0.02						
20	MM2			Pravoslaven Pumping station 3 shift wells	4.I.1994			7.7	56.2					0.15														
		16.III.1994					84	24	0.2	0.04																		
		3.V.1994					16	43.8	0.2	0.2																		
		19.IX.1994					58.1	23.1	0.2	0.4																		
		21.III.1995					38.4	17.8	0.2	0.3																		
		4.IV.1995					80.5	14.4	0.1	<0.01																		
		14.VI.1995					54.2	30.7	0.1	0.15																		
		18.IX.1995					44.6	15.3	0.001	0.039																		
		8.VIII.1995					66.9	19.7	0.001	0.056																		
		10.I.1996					118.3	44.0	0.25	0.025																		
		18.I.1996					66.9	19.7	0.001	0.056																		
		12.III.1996					78.3	17.4	0.07	0.03																		
		7.V.1996					79.0	17.8	0.018																			
		19.VI.1996					52.1	18.2	0.146	0.021																		
		17.IX.1996					42.1	18.2	0.028	0.050																		
		27.III.1997					68.1	23.1	<.001	<.001																		
10.VI.1997			76.2	24.3	0.046	0.050																						
4.IX.1997			56.1	24.3	0.050	0.050																						
23.III.1993			72	13	0	0																						
18.VI.1993			82.6	6.3	0	0.5																						
14.IX.1993			72	18	1.6	0																						
15.XII.1993			79	21																								
16.III.1994			76	20										0.01														
28.VI.1994			58.1	29.2																								
19.IX.1994			68.1	20.7	0.1	0.9																						
29.XI.1994			68.1	20.7	0.1	0.9																						
21	MM2	IV-26	Qoh-pri	Pumping station 6 tube wells	23.III.1993			72	13	0	0																	
		IV-26			18.VI.1993			82.6	6.3	0	0.5																	
		IV-26			14.IX.1993			72	18	1.6	0																	
		IV-26			15.XII.1993			79	21																			
		IV-26			16.III.1994			76	20								0.01											
		IV-26			28.VI.1994			58.1	29.2																			

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	-																								
						CO ₃	HCO ₃	Ca	Mg	80	Fe	0.2	Mn	0.1	0.01	As	0.05	Pb	0.05	Cu	0.2	Zn	5	Ni						
21	MM2	IV-26	Qol-p1	Pumping station 6 tube wells	13.XII.1994			46.7	16					1.3																
		IV-26			21.III.1995			56.7	22.2	0.2	0.2	1.4																		
		IV-26			14.VI.1995			50.5	27.4	0.1	0.29																			
		IV-26			18.IX.1995			52.1	22.6	0.001	0.71																			
		IV-26			8.XII.1995			101.2	9.3	0.001	7.85																			
		IV-26			19.III.1996			76.4	17.1	0.023	0.713																			
		IV-26			19.VI.1996			68.1	20.7	0.020	0.001																			
		IV-26			17.IX.1996			62.1	20.7	0.020	0.582																			
		IV-26			27.III.1997			66.1	34.0	<0.001	0.009																			
		IV-26			10.VI.1997			70.1	30.4	0.052	0.216																			
		IV-26			4.IX.1997			80.2	19.4	0.050	0.546																			
		IV-11						7.V.1981	0	403	107.8	24.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		IV-11						27.IV.1982	0	411	109.3	60.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		IV-11						3.V.1983	0	155.3	167.6	0	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IV-11				24.IV.1984	0	366	76.4	59.5	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				18.IV.1985	0	336.1	92.2	36.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				16.IV.1986	0	311.6	104.4	20.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				7.IV.1987	0	348			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				19.IV.1988						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				3.V.1989						0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				12.IV.1990	0	285.6				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				6.V.1992	0	377	80	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				18.III.1993			42.0	37	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				16.VI.1993			26.9	33.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				21.IX.1993			65	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				20.XII.1993			64	21	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				22.III.1994			68	41																						
IV-11				30.VI.1994			40	38.9																						
IV-11				27.IX.1994			84.2	29.2																						
IV-11				19.XII.1994			71.8	17.1																						
IV-11				29.III.1995			40.3	20.0	0.04	<0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
IV-11				20.VI.1995			59.7	21.9	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				23.IX.1995			59.5	20.3	0.008	0.004	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				12.XII.1995			43.9	26.7	0.005	0.107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
IV-11				26.III.1996			66.8	32.4	0.20	0.029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
22	MM1	IV-11	Qol-p1+N ₂	Pumping station 3 tube wells																										
		IV-11																												
		IV-11																												
		IV-11																												
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TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	-																	
						CO ₃	HCO ₃	Ca	Mg	80	0.2	Fe	Mn	0.1	0.01	0.05	Pb	0.05	Cu	0.2	Zn	5	Ni
22	MM1	IV-11	Q _{cl+prt+N₂}	Pumping station 3 tube wells	20.VI.1996			60.1	20.7	0.046	0.007												
		23.IX.1996					68.1	20.7	0.200	0.031													
		25.III.1997					78.2	17.0	0.200	<0.001													
		2.IX.1997					46.2	19.4	0.176	0.030													
23	PYA	IV-005	Q _{al}	Pumping station 4 tube wells	18.III.1993			41	11	0.1	0												
		16.VI.1993					45.4	7.5	0	0													
		21.IX.1993					41	11															
		16.XII.1993					42	12	0														
		22.III.1994					42	20	0														
		29.VI.1994					44.1	13.4															
		27.IX.1994					44.1	10.9															
		15.XII.1994					43	10.5															
		29.III.1995					49.4	13.2	0.03	<0.01													
		19.VI.1995					41.6	12	0.2	0													
		26.IX.1995					42.8	12.4	0.001	0.001													
		11.XII.1995					74.5	11.6	0.010	0.022													
		26.III.1996					59.2	10.4	0.387	0.040													
		18.VI.1996					68.1	12.2	0.027	0.006													
		23.IX.1996					52.1	17.0	0.266	0.036													
		25.III.1997					48.0	20.7	0.05	<0.001													
11.VI.1997			48.1	19.5	0.216	0.062																	
2.IX.1997			50.2	18.6	0.215	0.040																	
17.III.1993			8.0	5.0	0.1	0																	
15.IX.1993			6.0																				
17.III.1994			8.0																				
21.IX.1994			10.0																				
28.III.1995			9.2	4.4	0.05	<0.01																	
19.IX.1995			11.2	3.4	0.001	0.001																	
20.III.1996			9.6	0	0.033	0.002																	
18.IX.1996			14.0	2.4	0.038	0.003																	
19.III.1997			8.0	6.1	0.05	0.006																	
3.IX.1997			7.8	6.0	0.036	0.003																	
24	STR	IV-35	Pz	tube well	17.III.1993			8.0	5.0	0.1	0												
		15.IX.1993					6.0																
		17.III.1994					8.0																
		21.IX.1994					10.0																
		28.III.1995					9.2	4.4	0.05	<0.01													

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date	CO ₃		HCO ₃		Ca	Mg	80	0.2	Fe	Mn	0.01	0.05	As	0.05	Pb	Cu	0.2	Zn	5	Ni					
						CO ₃	HCO ₃	Ca	Mg																					
25	PYA	IV-009	Qcl	Pumping station shift well	18.III.1993				54	15	15	0.14	0				<.001													
		IV-009			16.VI.1993			61.9	10	0									0											
		IV-009			21.IX.1993			53	13																					
		IV-009			16.XII.1993			50	14																					
		IV-009			22.III.1994			54	24	0																				
		IV-009			27.IX.1994			60.1	14.6																					
		IV-009			15.XII.1994			56.1	17.1																					
		IV-009			29.III.1995			54.9	16.6	0.04	<0.01																			
		IV-009			19.VI.1995			57.9	19.7	0.2	0																			
		IV-009			26.IX.1995			63.2	22.6	0.001	0.001																			
		IV-009			11.XII.1995			99.3	12.8	0.057	0.154																			
		IV-009			26.III.1996			84.0	18.5	0.314	0.009																			
		IV-009			18.VI.1996			48.1	24.2	0.038	0.005																			
		IV-009			23.IX.1996			66.1	18.2	0.280	0.028																			
		IV-009			25.III.1997			68.1	17.0	0.006	<.001																			
		IV-009			11.VI.1997			62.1	21.9	0.216	0.062																			
		IV-009			2.IX.1997			72.1	26.8	0.230	0.051																			
		26			MU1	IV-01	Qcl+prl	Pumping station shift well	6.V.1981	0	127	23.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
						IV-01			22.IV.1982	0	33.3	30.1	0	0.4	0															
						IV-01			3.V.1983	0	155.3	69.23	22.1	0.3	0															
IV-01	19.IV.1984		0	244		48.8			24.9	0	0																			
IV-01	18.IV.1985		0	54.2		40.1			12.2	0	0																			
IV-01	9.IV.1986		0	244		68.6			15.5	0	0																			
IV-01	7.IV.1987		0	349						0	0																			
IV-01	26.IV.1989									0.2	0													0						
IV-01	21.IV.1992		0	23		16			5.1	0	0																			
IV-01	19.I.1993		0	65.9		21			2	0	0																			
IV-01	1.III.1993		0	58		15			1	0	0																			
IV-01	1.VI.1993		0	170.8		57.8			14.5	0	0																			
IV-01	8.IX.1993		0	236		56.4			10.4	0	0																			
IV-01	1.XII.1993			311.3		77.3			21.1	0.15	<0.01																			
IV-01	9.III.1994		0	308.2		74.5			24.6																					
IV-01	15.VI.1994		0	246		69			43	0	0																			
IV-01	8.IX.1994	0	300	54.6	22.9																									
IV-01	1.XII.1994	0	310	71.4	30.1	0	0																							

TABLE F.2 GROUNDWATER QUALITY BY NESCD

No	Basin	No	Geological index	Type	Standard Date		CO ₃	HCO ₃	150 Ca	80 Mg	0.2 Fe	0.1 Mn	0.01 Cd	0.05 As	0.05 Pb	0.2 Cu	5 Zn	Ni			
26	MU1	IV-01	Qc1+pr1	Pumping station shift well	1.III.1995		0	295.1	71.7	31.3	0	0				0					
		IV-01			1.VI.1995		0	234	34.2	3.6	0	0						0			
		IV-01			5.IX.1995		0	292.5	59	35	0	0						0			
		IV-01			12.XII.1995		0	293.9	72	32	0	0						0			
		IV-01			5.III.1996		0	300.5	42.8	8.5	0	0						0			
		IV-01			4.VI.1996		0	321	72.4	1.5	0	0						0			
		IV-01			4.IX.1996		0	337.6	63.6	21.5	0	0						0			
		IV-01			4.XII.1996		0	306.2	80.8	45.6	0	0						0			
		IV-01			11.III.1997		0	299.1	97	45.9	0.05	0						<.001			
		IV-01			10.VI.1997		0	286	82	42	0	0						0.002			
		IV-01			9.IX.1997		0	277.3	98.3	43.2	0	0						<.005			
		IV-01			2.XII.1997		18.2	320.5	108.7	28.3	0.02	0							0		
		IV-05			12.VI.1980		0	256.4	75.4	28.9	0	0									
		IV-05			4.IX.1980		0	230.4	74	57.3	0	0									
		IV-05			9.XII.1980		0	158	115	25.3	0	0									
		IV-05			3.III.1981		0	184.1	65.6	38.6	0	0									
		IV-05			11.IX.1981		0	244	90.2	39.3	0	0									
		IV-05			9.XII.1981		0	238	94.4	21	0	0									
IV-05	9.III.1982		0	310	96	30.2	0	0													
IV-05	8.VI.1982		0	274	65.3	28	0.1	0								0					
IV-05	14.XII.1982		0	274	98.3	26.4	0	0													
IV-05	3.III.1983		0	166	57.5	41.6	0	0													
IV-05	1.VI.1983		33	227	80.1	30.9	0	0													
IV-05	5.IX.1983		0	289	104.2	30.5	0.4	0													
IV-05	1.XII.1983		0	264	88	29.7	0	0													
IV-05	13.III.1984		0	183	78.2	14.6	0	0													
IV-05	5.VI.1984		0	257	102	26.6	0	0													
IV-05	25.IX.1984		0	252	78.2	32.4	0	0													
IV-05	18.XII.1984		0	343.6	134	30	0	0													
IV-05	20.III.1985		0	227.7	100.2	31.6	0	0													
IV-05	13.VI.1985		0	263	60.1	25.5	0	0													
IV-05	3.IX.1985		0	317	92.2	35.3	0	0													
IV-05	4.XII.1985		0	179	54	18.3	0	0													
IV-05	4.III.1986		0	163	82	39.6	0	0													
IV-05	3.VI.1986		0	257	89.9	59.3	0	0													