

Table 1(24/63) SPRING INVENTORY

No	Name of spring	Village name	Municipality (new)	Municipality (former)	River basin	Latitude (UTM)	Longitude (UTM)	Altitude (m)	Geology	Present condition	First observation					Second observation					Yield (l/sec)	Bacteriological	Chemical	Remarks
											Yield (l/sec)	Date	Time	Temperature water	air	pH	Date	Time	Temperature water	air				
1530.1	Sopur	Slp	101, Veles	T. Veles	Vardar, Skopje 2	4627.50	7555.90	380	Flysch&flyschoid rock	Total captured	0.800	29.03.1974	-	-	-	-								
1532.0	Dolno selska cesma	Buzalkovo	101, Veles	T. Veles	Vardar, Skopje 4	4621.75	7557.20	460	Flysch&flyschoid rock	Tap	0.730	20.06.1976	10	14.0	25.0	8								
1533.0	Manastirska cesma	Belestevica	101, Veles	T. Veles	Vardar, Skopje 2	4625.40	7558.00	540	Flysch&flyschoid rock	Tap	0.590	20.06.1976	6	16.7	13.2	7								
1534.0	Sred selska cesma	Belestevica	101, Veles	T. Veles	Vardar, Skopje 2	4624.75	7558.50	530	Flysch&flyschoid rock	Tap	0.270	20.06.1976	7	15.0	17.5	7								
1535.0	Selska cesma	Sopot	101, Veles	T. Veles	Vardar, Skopje 2	4627.10	7560.25	220	Marbla & limestone	Tap	0.150	8.07.1976	13	14.5	21.0	8								
1536.0	Livadica	Sopot	101, Veles	T. Veles	Vardar, Skopje 2	4626.90	7560.50	220	Marbla & limestone	Free flow	1.000	28.07.1964	7	13.0	22.0	-	8.07.1976	14	14.0	27.0	8	1.210		
1537.0	Klademec	Rudnik	101, Veles	T. Veles	Vardar, Skopje 2	4634.75	7562.85	585	Neogene sediments	Free flow	1.000	25.07.1964	8	14.0	22.0	-	29.06.1976	19	13.0	26.0	7	1.200		
1538.0	Petrova cesma	Rudnik	101, Veles	T. Veles	Vardar, Skopje 2	4633.60	7563.25	480	Neogene sediments	Tap	0.140	30.06.1976	7	14.0	18.5	6								
1538.1	Rudnik	Rudnik	101, Veles	T. Veles	Vardar, Skopje 2	4633.40	7562.75	500	Conglom.&sandstone	Tap	0.070	29.10.1964	-	15.0	16.0	-								
1539.0	Gorno maalska cesma	Ivankovci	101, Veles	T. Veles	Vardar, Skopje 2	4634.70	7568.80	490	Neogene sediments	Tap	0.040	28.06.1976	10	13.0	21.0	8								
1540.0	Djami cesma	Ivankovci	101, Veles	T. Veles	Vardar, Skopje 2	4634.40	7568.70	490	Neogene sediments	Tap	0.400	28.06.1976	9	14.1	20.0	8								
1541.0	Muti cesma	Ivankovci	101, Veles	T. Veles	Vardar, Skopje 2	4634.05	7568.80	485	Neogene sediments	Tap	0.470	28.06.1976	13	14.0	24.0	8								
1542.0	Selska cesma	Lugunci	101, Veles	T. Veles	Vardar, Skopje 2	4632.75	7565.40	465	Neogene sediments	Tap	0.150	30.06.1976	9	15.0	19.2	7								
1543.0	Potok	Lugunci	101, Veles	T. Veles	Vardar, Skopje 2	4632.90	7564.00	440	Neogene sediments	Free flow	1.000	25.07.1964	9	13.5	23.5	-	30.06.1976	9	13.5	25.0	8	1.000		
1544.0	Suva cesma	Sojaklari	101, Veles	T. Veles	Vardar, Skopje 2	4628.00	7562.70	340	Neogene sediments	Tap	0.050	16.09.1976	11	17.0	24.2	7								
1545.0	Sred selska cesma	Sojaklari	101, Veles	T. Veles	Vardar, Skopje 2	4628.15	7566.90	340	Neogene sediments	Tap	1.270	26.06.1976	12	13.0	27.0	7								
1546.0	Zuke	Sojaklari	101, Veles	T. Veles	Vardar, Skopje 2	4628.40	7564.00	295	Neogene sediments	Free flow	1.500	27.07.1964	18	13.5	26.0	-	26.06.1976	13	15.0	28.0	8	1.000		
1547.0	Cuka	Sojaklari	101, Veles	T. Veles	Vardar, Skopje 2	4627.95	7563.55	270	Neogene sediments	Free flow	1.300	27.07.1964	18	14.0	25.5	-	26.06.1976	13	12.0	27.0	8	1.000		
1548.0	Jarbas	Sojaklari	101, Veles	T. Veles	Vardar, Skopje 2	4627.35	7565.70	270	Neogene sediments	Free flow	2.500	27.07.1964	17	14.0	27.0	-	26.06.1976	14	13.0	30.0	7	2.000		
1549.0	Selska cesma	Otoica	101, Veles	T. Veles	Vardar, Skopje 2	4625.95	7565.15	270	Neogene sediments	Tap	0.040	26.06.1976	16	14.0	21.0	7								
1550.0	Glava	Novacani	101, Veles	T. Veles	Vardar, Skopje 2	4625.15	7563.25	260	Marbla & limestone	Free flow	2.500	28.07.1964	9	23.0	22.0	-	8.07.1976	16	17.0	25.0	7	1.500		
1551.0	Selska cesma	Mamutcevo	101, Veles	T. Veles	Vardar, Skopje 2	4627.70	7569.40	290	Neogene sediments	Tap	0.170	28.06.1976	8	15.0	22.0	8								
1552.0	Selska cesma	Kumarino	101, Veles	T. Veles	Vardar, Skopje 2	4626.60	7568.50	355	Neogene sediments	Tap	0.620	26.07.1976	11	14.0	29.0	8								
1553.0	Kis	Kumarino	101, Veles	T. Veles	Vardar, Skopje 2	4625.00	7567.50	280	Neogene sediments	Free flow	0.050	26.06.1976	9	14.6	28.0	8								
1554.0	Micklija	Calosevo	101, Veles	T. Veles	Vardar, Skopje 2	4625.95	7568.20	340	Neogene sediments	Tap	2.000	29.07.1964	17	15.2	23.5	-	26.06.1976	7	14.2	19.5	8	0.320		
1555.0	Selska cesma	Calosevo	101, Veles	T. Veles	Vardar, Skopje 2	4625.80	7566.65	260	Neogene sediments	Tap	0.200	26.06.1976	8	15.0	20.0	8								
1556.0	Novoselska cesma	Novo Selo	101, Veles	T. Veles	Vardar, Stip 3	4621.70	7571.30	350	Paleozoic total	Tap	0.140	18.07.1976	14	17.2	26.0	8								
1557.0	Trlo	Novo Selo	101, Veles	T. Veles	Vardar, Stip 3	4620.50	7570.00	300	Paleozoic total	Tap	0.080	18.07.1976	13	17.0	25.0	8								
1558.0	Sabotska voda	T. Veles	101, Veles	T. Veles	Vardar, Skopje 4	4619.80	7568.60	310	Flysch&flyschoid rock	Free flow	3.000	30.07.1964	9	14.0	23.8	-	18.07.1976	10	18.0	27.0	7	9.700		
1559.0	Bojadjeva cesma	T. Veles	101, Veles	T. Veles	Vardar, Skopje 4	4620.75	7567.35	260	Marbla & limestone	Tap	0.200	18.07.1976	9	14.0	24.5	7								
1560.0	Grbavo cesmice	T. Veles	101, Veles	T. Veles	Vardar, Skopje 4	4619.65	7562.05	250	Marbla & limestone	Free flow	0.100	17.06.1976	11	17.0	26.0	8								
1561.0	Kupev izvor	T. Veles	101, Veles	T. Veles	Vardar, Skopje 4	4619.30	7568.70	245	Flysch&flyschoid rock	Free flow	0.050	18.07.1976	11	14.9	26.0	8								
1561.0	Gomo Selska cesma	Buzalkovo	101, Veles	T. Veles	Vardar, Skopje 4	4622.00	7556.40	520	Flysch&flyschoid rock	Tap	0.130	20.06.1976	11	17.0	26.0	8								
1562.0	Mujov izvor	T. Veles	101, Veles	T. Veles	Vardar, Skopje 4	4622.00	7562.75	240	Marbla & limestone	Free flow	0.800	17.06.1976	14	17.2	26.8	8								
1563.0	Javorova cesma	T. Veles	101, Veles	T. Veles	Vardar, Skopje 4	4621.00	7563.25	230	Marbla & limestone	Tap	0.130	17.06.1976	13	15.2	27.1	8								
1564.0	Kalinova cesma	T. Veles	101, Veles	T. Veles	Vardar, Skopje 4	4621.30	7563.35	210	Marbla & limestone	Tap	0.200	17.06.1976	15	18.8	26.8	8								
1565.0	Petrova cesma	T. Veles	101, Veles	T. Veles	Vardar, Skopje 4	4620.85	7566.10	210	Flysch&flyschoid rock	Tap	0.170	18.07.1976	9	16.8	24.9	7								
1566.0	Gomo Begovo	G. Jaboliciste	101, Veles	T. Veles	Vardar, Skopje 3	4620.45	7536.05	1990	Gneiss	Tap	2.000	23.07.1964	12	5										

Table 1(25/63) SPRING INVENTORY

No	Name of spring	Village name	Municipality (new)	Municipality (former)	River basin	Latitude (UTM)	Longitude (UTM)	Altitude (m)	Geology	Present condition	First observation					Second observation					Yield (l/sec)	Bacteriological	Chemical	Remarks	
											Yield (l/sec)	Date	Time	Temperature water	air	pH	Date	Time	Temperature water	air					pH
1599.0	Selska cesma	Rastani	101, Veles	T. Veles	Vardar, Skopje 4	4620.25	7559.85	385	Marbla & limestone	Tap	0.280	1.07.1976	11	15.0	23.2	8									
1600.0	Grohot	Rastani	101, Veles	T. Veles	Vardar, Skopje 4	4621.35	7560.30	560	Marbla & limestone	Free flow	0.500	1.07.1976	13	14.0	24.1	7									
1601.0	Vrelo na Babuna	Nezilovo	102, Bogomila	T. Veles	Vardar, Skopje 3	4616.75	7534.85	1700	Marbla & limestone	Free flow	5.500	30.07.1964	17	6.2	15.0	-	4.07.1976	11	5.0	14.0	7	6.750			
1602.0	Bela reka	Nezilovo	102, Bogomila	T. Veles	Vardar, Skopje 3	4617.15	7536.20	1240	Marbla & limestone	Free flow	3.500	30.07.1964	9	7.0	16.5	-	4.07.1976	15	6.0	16.0	7	4.000			
1603.0	Govedarnik	Nezilovo	102, Bogomila	T. Veles	Vardar, Skopje 3	4615.55	7537.70	870	Marbla & limestone	Free flow	2.000	30.07.1964	11	9.0	19.5	-	3.07.1976	16	8.0	20.0	7	2.000			
1604.0	Nezilovska slatina	Nezilovo	102, Bogomila	T. Veles	Vardar, Skopje 3	4610.45	7538.15	700	Marbla & limestone	Part. Captured	-	29.07.1964	13	20.0	20.0	-	3.07.1976	10	18.0	22.0	6	0.400			
1605.0	Selska cesma	Nezilovo	102, Bogomila	T. Veles	Vardar, Skopje 3	4612.00	7538.25	620	Gneiss	Tap	0.146	8.07.1976	19	18.0	16.0	7									
1605.0	Cesma	Nezilovo	102, Bogomila	T. Veles	Vardar, Skopje 3	4611.60	7538.55	620	Gneiss	Tap	3.100	30.08.1973	-	11.0	13.0	7									
1606.0	Plavnik	Papradiste	102, Bogomila	T. Veles	Vardar, Skopje 3	4611.95	7533.90	1770	Gneiss	Free flow	1.000	28.07.1964	12	5.5	19.0	-	5.07.1976	9	5.0	22.0	6	1.140			
1607.0	Plavnik	Papradiste	102, Bogomila	T. Veles	Vardar, Skopje 3	4611.95	7533.60	1770	Gneiss	Free flow	1.500	28.07.1964	12	6.0	19.5	-	5.07.1976	9	5.7	21.5	6	1.540			
1608.0	Izvoriste na Cepeljs	Papradiste	102, Bogomila	T. Veles	Vardar, Skopje 3	4614.40	7534.00	1560	Gneiss	Free flow	6.500	28.07.1964	13	7.7	19.0	-	4.07.1976	18	8.0	19.0	7	8.000			
1609.0	Kadinska cesma	Papradiste	102, Bogomila	T. Veles	Vardar, Skopje 3	4610.80	7537.10	980	Gneiss	Tap	0.860	5.06.1976	14	10.0	13.0	6									
1610.0	Sred selo	Papradiste	102, Bogomila	T. Veles	Vardar, Skopje 3	4611.10	7537.15	945	Gneiss	Tap	0.890	5.06.1976	14	11.0	13.0	6									
1611.0	Dolna cesma	Papradiste	102, Bogomila	T. Veles	Vardar, Skopje 3	4610.90	7537.25	905	Gneiss	Tap	0.470	5.06.1976	15	10.0	13.0	6									
1612.0	Kapinovska slatina	Kapinovo	102, Bogomila	T. Veles	Vardar, Skopje 3	4608.50	7538.00	600	Gneiss	Total captured	-	3.07.1976	9	21.0	18.0	6									
1613.0	Dauticki izvor	Orese	102, Bogomila	T. Veles	Vardar, Skopje 3	4612.00	7532.30	1820	Gneiss	Free flow	1.000	28.07.1964	9	5.5	18.0	-	5.07.1976	11	6.1	25.0	6	1.000			
1614.0	Kosot	Orese	102, Bogomila	T. Veles	Vardar, Skopje 3	4611.20	7532.15	1610	Gneiss	Free flow	3.000	28.07.1964	8	8.8	21.0	-	5.07.1976	12	8.0	24.0	7	3.440			
1615.0	Izvoriste	Orese	102, Bogomila	T. Veles	Vardar, Skopje 3	4611.05	7532.30	1580	Gneiss	Free flow	1.000	28.07.1964	8	9.0	21.0	-	5.07.1976	13	8.0	24.0	7	1.600			
1616.0	Stefanov izvor	Orese	102, Bogomila	T. Veles	Vardar, Skopje 3	4607.00	7534.20	1180	Gneiss	Tap	1.000	27.07.1964	15	7.0	22.6	-	6.07.1976	10	8.0	25.0	6	0.908			
1617.0	Damjanov izvor	Orese	102, Bogomila	T. Veles	Vardar, Skopje 3	4608.90	7537.10	965	Gneiss	Free flow	0.570	5.06.1976	11	11.0	16.0	6									
1618.0	Krivcev izvor	Orese	102, Bogomila	T. Veles	Vardar, Skopje 3	4608.50	7535.00	720	Gneiss	Free flow	0.160	5.06.1976	10	11.0	18.0	6									
1619.0	Djikovska cesma	Orese	102, Bogomila	T. Veles	Vardar, Skopje 3	4608.35	7535.50	710	Gneiss	Tap	0.260	5.06.1976	8	11.0	18.0	6									
1620.0	Kitanovska cesma	Orese	102, Bogomila	T. Veles	Vardar, Skopje 3	4608.50	7535.50	680	Gneiss	Tap	0.460	5.06.1976	9	12.0	18.0	6									
1621.0	Jankovski izvor	Orese	102, Bogomila	T. Veles	Vardar, Skopje 3	4608.30	7535.75	662	Gneiss	Free flow	0.100	5.06.1976	8	11.0	18.0	6									
1622.0	Slatinski izvor	Orese	102, Bogomila	T. Veles	Vardar, Skopje 3	4607.75	7537.55	640	Gneiss	Free flow	0.100	27.07.1964	10	20.0	24.5	-	5.06.1976	5	13.5	18.0	7	0.100			
1623.0	Bubanovska cesma	Bogomila	102, Bogomila	T. Veles	Vardar, Skopje 3	4606.25	7540.00	562	Diluvium total	Part. Captured	0.270	10.06.1976	11	13.0	20.0	6									
1624.0	Stankovska cesma	Bogomila	102, Bogomila	T. Veles	Vardar, Skopje 3	4609.35	7539.70	530	Diluvium total	Tap	0.270	10.06.1976	12	13.5	20.0	6									
1624.1	Evli	Bogomila	102, Bogomila	T. Veles	Vardar, Skopje 3	4603.50	7539.30	800	Schist	Part. Captured	0.700	21.10.1976	-	-	-	-									
1625.0	Selska cesma	Cresnevo	102, Bogomila	T. Veles	Vardar, Skopje 3	4610.00	7541.30	900	Gneiss	Tap	0.180	8.06.1976	16	7.5	18.0	7									
1626.0	Golem izvor	Bistrica	102, Bogomila	T. Veles	Vardar, Skopje 3	4611.65	7542.50	1280	Gneiss	Free flow	1.500	22.07.1964	9	8.3	19.2	-	8.06.1976	9	7.6	12.0	6	5.000			
1627.0	Ibraimov izvor	Bistrica	102, Bogomila	T. Veles	Vardar, Skopje 3	4611.35	7542.00	1280	Gneiss	Free flow	1.000	22.07.1964	8	9.8	23.2	-	8.06.1976	8	8.5	12.0	6	1.400			
1628.0	Ramkov kladenec	Bistrica	102, Bogomila	T. Veles	Vardar, Skopje 3	4611.60	7542.20	1278	Gneiss	Free flow	1.200	8.06.1976	9	8.4	13.0	6									
1629.0	Velkov kladenec	Bistrica	102, Bogomila	T. Veles	Vardar, Skopje 3	4611.50	7542.80	1098	Gneiss	Free flow	1.500	22.07.1964	9	9.0	19.4	-	8.06.1976	9	7.5	12.0	6	3.000			
1630.0	Tesninje izvor	Bistrica	102, Bogomila	T. Veles	Vardar, Skopje 3	4611.20	7543.15	969	Gneiss	Free flow	2.200	8.06.1976	7	9.0	15.0	5									
1631.0	Malarecka cesma	Bistrica	102, Bogomila	T. Veles	Vardar, Skopje 3	4606.65	7543.30	685	Gneiss	Tap	0.109	8.06.1976	5	12.0	14.0	6									
1632.0	Bela voda	Teovo	102, Bogomila	T. Veles	Vardar, Skopje 3	4603.30	7548.50	450	Diluvium total	Tap	1.000	21.07.1964	12	14.8	28.5	-	11.06.1976	14	13.0	22.0	7	1.330			
1633.0	Veleva cesma	Mokrani	102, Bogomila																						

Table 1(26/63) SPRING INVENTORY

No	Name of spring	Village name	Municipality (new)	Municipality (former)	River basin	Latitude (UTM)	Longitude (UTM)	Altitude (m)	Geology	Present condition	First observation					Second observation					Yield (l/sec)	Bacteriological	Chemical	Remarks
											Yield (l/sec)	Date	Time	Temperature water	Temperature air	pH	Date	Time	Temperature water	Temperature air				
1662.0	Kalugerec	Gmciste	103, Gradsko	T. Veles	Vardar, Skopje 4	4609.00	7569.00	460	Marbla & limestone	Tap	2.000	9.07.1976	8	14.0	20.0	7								
1663.0	Dolna cesma	Gmciste	103, Gradsko	T. Veles	Vardar, Skopje 4	4609.60	7569.30	400	Marbla & limestone	Tap	0.270	9.07.1976	7	18.0	20.0	7								
1664.0	Gorna cesma	Gmciste	103, Gradsko	T. Veles	Vardar, Skopje 4	4609.20	7568.80	420	Marbla & limestone	Tap	1.200	9.07.1976	8	15.0	20.0	8								
1665.0	Izvoriste	Gmciste	103, Gradsko	T. Veles	Vardar, Stip 3	4608.85	7591.20	340	Marbla & limestone	Free flow	2.500	31.07.1964	6	14.0	21.0	-	9.07.1976	15	13.0	26.0	8	4.000		
1666.0	Kocilarska cesma	Kocilari	103, Gradsko	T. Veles	Vardar, Stip 3	4612.55	7574.85	260	Paleogene deposit	Tap	0.130	20.06.1976	10	14.0	16.0	8								
1667.0	Pesterica	Kocilari	103, Gradsko	T. Veles	Vardar, Stip 3	4613.65	7574.45	240	Paleogene deposit	Tap	0.080	20.06.1976	14	12.0	17.0	8								
1668.0	Ali Adja	Kocilari	103, Gradsko	T. Veles	Vardar, Stip 3	4613.30	7574.80	220	Paleogene deposit	Tap	0.060	20.06.1976	12	12.0	16.5	7								
1669.0	Izvor na Skacinska	Skacinci	103, Gradsko	T. Veles	Vardar, Skopje 4	4604.15	7567.95	890	Marbla & limestone	Free flow	1.500	3.08.1964	14	12.5	26.0	-	9.07.1976	10	13.0	22.0	7	1.600		
1670.0	Popiliev kladenec	Skacinci	103, Gradsko	T. Veles	Vardar, Skopje 4	4605.70	7576.45	650	Marbla & limestone	Free flow	1.000	3.08.1964	11	12.5	29.0	-	9.07.1976	11	13.0	25.0	8	1.140		
1671.0	Cesma kaj crkvata	Skacinci	103, Gradsko	T. Veles	Vardar, Skopje 4	4606.35	7576.80	620	Marbla & limestone	Tap	2.500	1.08.1964	10	12.0	25.0	-	9.07.1976	12	13.0	26.0	8	3.000		
1672.0	Nedelska voda	Dvoriste	103, Gradsko	T. Veles	Vardar, Stip 3	4604.35	7570.90	740	Marbla & limestone	Free flow	0.400	7.07.1976	16	13.0	28.0	7								
1673.0	Stara cesma	Dvoriste	103, Gradsko	T. Veles	Vardar, Skopje 4	4604.15	7569.60	700	Marbla & limestone	Free flow	0.800	7.07.1976	15	12.0	28.0	8								
1674.0	Stara cesma	Dvoriste	103, Gradsko	T. Veles	Vardar, Skopje 4	4604.35	7569.60	700	Marbla & limestone	Free flow	1.000	7.07.1976	15	13.0	29.0	8								
1675.0	Lazovo cesmice	Dvoriste	103, Gradsko	T. Veles	Vardar, Stip 3	4603.75	7571.25	680	Marbla & limestone	Free flow	0.200	7.07.1976	16	14.0	28.0	8								
1675.1	Izvor	Dvoriste	103, Gradsko	T. Veles	Vardar, Stip 3	4604.10	7570.00	600	Marbla & limestone	Free flow	0.300	21.09.1968	-	13.5	23.0	-								
1676.0	Tockovec	Svecani	103, Gradsko	T. Veles	Vardar, Stip 3	4606.95	7571.95	480	Marbla & limestone	Free flow	0.500	2.07.1965	15	14.0	27.0	-	7.07.1976	14	13.0	29.0	8	0.500		
1677.0	Katina cesma	Svecani	103, Gradsko	T. Veles	Vardar, Stip 3	4606.50	7571.65	460	Marbla & limestone	Tap	0.700	2.07.1965	10	13.0	24.5	-	7.07.1976	13	13.0	28.0	8	0.270		
1678.0	Kopana voda	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4627.15	8414.10	1860	Schist	Part. Captured	1.000	8.07.1965	8	7.0	19.0	-	16.08.1975	15	6.0	21.0	6	1.140		
1679.0	Crna cesma	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4625.30	8417.95	1760	Gneiss	Free flow	1.000	7.07.1965	-	7.0	18.0	-	14.08.1975	15	7.0	21.0	5	0.320		
1680.0	Izvor na Pehcevska	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4627.00	8414.50	1740	Schist	Free flow	1.000	8.07.1965	13	7.0	21.0	-	16.07.1975	9	7.0	16.0	6	0.400		
1681.0	Izvor na r. Bregalnica	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 3	4620.40	8419.19	1720	Gneiss	Free flow	1.000	5.07.1965	9	7.0	15.0	-	14.08.1975	11	9.0	22.0	6	1.600		
1682.0	Mrdjov kladenec	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4625.75	8415.30	1700	Gneiss	Free flow	0.042	15.08.1975	10	11.0	19.0	6								
1683.0	Ajducki kladenec	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4625.70	8415.55	1680	Gneiss	Free flow	1.000	7.07.1964	16	8.0	19.0	-	15.08.1976	9	7.0	15.0	6	0.100		
1684.0	Cesma carsija	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 3	4621.40	8419.55	1660	Gneiss	Free flow	1.000	6.07.1965	11	7.0	17.0	-	14.08.1975	12	6.0	17.0	6	1.000		
1685.0	Cesma Judovi livad	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4626.25	8413.45	1640	Schist	Tap	0.133	16.08.1975	16	8.0	16.0	7								
1686.0	Kad'k	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4627.20	8414.05	1640	Schist	Free flow	1.000	6.07.1965	12	8.0	23.0	-	16.08.1975	8	8.0	16.0	6	0.160		
1687.0	Izvor carlija	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 3	4623.00	8418.75	1620	Gneiss	Free flow	1.000	6.07.1965	12	6.0	16.0	-	14.08.1975	13	7.0	21.0	6	0.075		
1688.0	Crni dol (Golem Dol)	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4625.40	8415.20	1620	Gneiss	Free flow	3.000	8.07.1965	10	10.0	26.0	-	15.08.1975	12	9.0	17.0	6	2.660		
1689.0	Izvor na r. Bregalnica	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 3	4618.20	8418.75	1520	Gneiss	Free flow	1.000	5.07.1965	7	6.0	14.0	-	14.08.1975	8	8.0	15.0	5	0.083		
1690.0	Izvor na r. Bregalnica	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 3	4618.70	8419.75	1520	Gneiss	Free flow	0.066	14.08.1975	9	8.0	19.0	5								
1691.0	Vlaska cesma	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4624.65	8414.00	1480	Gneiss	Free flow	1.000	8.07.1965	9	8.0	20.0	-	15.08.1975	13	8.0	17.0	7	0.066		
1692.0	Vlaska cesma	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4624.50	8413.40	1460	Gneiss	Tap	1.000	7.07.1965	18	10.0	17.0	-	15.08.1975	13	10.0	15.0	7	0.108		
1693.0	Smrdljiva cesma	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4625.20	8412.00	1360	Schist	Free flow	0.320	16.08.1975	17	10.0	15.0	5						Correct	Correct	
1694.0	Elata	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4625.70	8408.45	1040	Neogene sediments	Tap	0.033	18.08.1975	12	10.0	27.0	6								
1694.1	Skala	Pehcevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4624.60	8412.40	1240	Diluvium	Free flow	0.170	24.07.1964	-	10.0	25.0	-								
1695.0	Izvor na klepalo	Berovo	1, Berovo	Berovo	Bregalnica, Pehcevo 3	4614.50	8416.30	1330	Gneiss	Total captured	1.000	4.07.1965	14	7.5	23.0	-	17.08.1975	12	10.0					

Table 1(27/63) SPRING INVENTORY

No	Name of spring	Village name	Municipality (new)	Municipality (former)	River basin	Latitude (UTM)	Longitude (UTM)	Altitude (m)	Geology	Present condition	First observation						Second observation						Remarks		
											Yield (l/sec)	Date	Time	Temperature water	air	pH	Date	Time	Temperature water	air	pH	Yield (l/sec)		Bacteriological	Chemical
1720.0	Capal cesma	Negrevo	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4628.65	8410.20	1120	Neogene sediments	Free flow	1.500	9.07.1965	18	10.0	19.0	-									
1721.0	Rezervoar na selski	Ciflik	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4625.25	8405.15	940	Neogene sediments	Total captured	-	25.07.1975	14	18.0	29.0	6									
1722.0	Stubel na Blagoj Mid	Ciflik	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4625.60	8405.00	920	Neogene sediments	Free flow	0.005	25.07.1975	11	14.0	29.0	8									
1723.0	Peskirska cesma	Ciflik	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4624.25	8408.95	880	Neogene sediments	Tap	0.008	25.07.1975	12	13.0	29.0	7									
1724.0	Gerova cesma	Ciflik	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4625.15	8404.75	880	Neogene sediments	Tap	0.033	25.07.1975	10	16.0	26.0	7									
1724.1	Lekoec	Ciflik	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4625.60	8405.00	920	Neogene sediments	Total captured	0.400	20.07.1973	-	-	-	-									
1725.0	Cesma na Colevica	Umlena	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4627.65	8403.70	1015	Schist	Tap	0.017	26.07.1975	13	17.0	28.0	7									
1726.0	Cesma Rupalevec	Umlena	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4627.60	8404.50	985	Schist	Tap	0.050	26.07.1975	12	14.0	28.0	8									
1727.0	Miovska cesma	Umlena	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4626.20	8403.90	920	Neogene sediments	Tap	0.033	26.07.1975	10	12.0	28.0	8									
1728.0	Panovska cesma	Umlena	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4625.90	8403.80	895	Neogene sediments	Tap	0.066	26.07.1975	9	14.0	25.0	8							Uncorrect	Correct	
1729.0	Rezervoar na selski	Umlena	2, Pehcevo	Berovo	Bregalnica, Pehcevo 1	4625.65	8404.05	880	Neogene sediments	Total captured	-	26.07.1975	8	18.0	22.0	7									
1730.0	Rezervoar za vodovod	Robovo	2, Pehcevo	Berovo	Bregalnica, Plackovica 2	4626.15	8402.35	940	Neogene sediments	Total captured	-	27.07.1975	12	20.0	28.0	7									
1731.0	Sadrwane	Robovo	2, Pehcevo	Berovo	Bregalnica, Plackovica 2	4624.50	8402.00	825	Neogene sediments	Tap	1.150	27.07.1975	16	13.0</											

Table 1(28/63) SPRING INVENTORY

No	Name of spring	Village name	Municipality (new)	Municipality (former)	River basin	Latitude (UTM)	Longitude (UTM)	Altitude (m)	Geology	Present condition	First observation					Second observation					Yield (l/sec)	Bacteriological	Chemical	Remarks	
											Yield (l/sec)	Date	Time	Temperature water	Temperature air	pH	Date	Time	Temperature water	Temperature air					pH
1781.0	Detska polena	Star Istevnik	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4638.35	8408.50	980	Granite	Tap	1.000	12.07.1965	14	8.0	20.0	-	3.07.1975	12	12.0	19.0	6	0.200			
1782.0	Belo Borka	Star Istevnik	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4639.85	8408.30	960	Granite	Free flow	0.150	3.07.1975	16	9.5	18.0	7									
1783.0	Sinoviste	Star Istevnik	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4636.90	8407.70	940	Granite	Free flow	13.800	4.07.1975	9	12.0	17.0	7.8							Correct	Correct	
1784.0	Selska cesma	Star Istevnik	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4637.15	8405.35	756	Granite	Tap	0.250	4.07.1975	8	12.0	17.0	7							Correct	Correct	
1785.0	Borisova cesma (De	Star Istevnik	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4638.70	8405.50	750	Granite	Tap	0.230	4.07.1975	11	13.0	17.0	7									
1785.1	Cukar mahala	Star Istevnik	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4637.40	8405.45	760	Alluvium	Tap	0.700	27.07.1964	-	11.0	25.0	-									
1786.0	Sveta voda	Trabotiviste	33, Delcevo	Delcevo	Bregalnica, Plackivica 2	4635.95	8401.35	750	Neogene sediments	Free flow	0.060	7.07.1975	17	11.0	17.5	7									
1787.0	Leniste	Trabotiviste	33, Delcevo	Delcevo	Bregalnica, Plackivica 2	4639.90	8401.85	640	Alluvium	Tap	1.000	10.07.1965	7	13.0	18.0	-	7.07.1975	17	14.0	18.0	7	-			
1787.1	Trabotivicki potok I	Trabotiviste	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4639.00	8404.90	740	Granite	Total captured	1.000	23.04.1976	-	-	-	-									
1787.2	Trabotivicki potok II	Trabotiviste	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4639.40	8404.70	750	Granite	Total captured	1.000	23.04.1976	-	-	-	-									
1788.0	Boskova cesma	Virce	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4640.70	8405.30	830	Granite	Tap	0.090	9.07.1975	-	13.0	25.0	7									
1789.0	Djamska cesma	Virce	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4641.05	8405.05	780	Granite	Free flow	0.230	8.07.1975	9	12.5	18.0	7									
1790.0	Mutiova cesma	Virce	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4641.10	8405.30	780	Granite	Tap	0.300	8.07.1975	9	15.0	18.0	7									
1791.0	Kamenot cesma	Virce	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4641.00	8405.55	780	Granite	Tap	0.350	8.07.1975	9	13.0	19.0	7									
1792.0	Poparkovica	Virce	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4641.40	8405.20	780	Granite	Tap	0.900	8.07.1975	9	13.0	20.0	7							Uncorrect	Correct	
1793.0	Avuzo cesma	Virce	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4641.35	8404.80	750	Granite	Tap	0.760	8.07.1975	10	14.0	21.0	7							Uncorrect	Correct	
1793.1	Dubrava	Virce	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4641.50	8404.50	730	Granite	Free flow	12.000	23.04.1976	-	-	-	-									
1793.2	Vlaska planina	Virce	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4640.65	8406.25	800	Granite	Free flow	3.500	23.04.1976	-	-	-	-									
1794.0	Sato	Grad	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4644.70	8404.80	720	Granite	Part. captured	3.000	10.07.1965	14	12.0	19.0	-	9.07.1975	14	11.0	23.0	7	5.000	Uncorrect	Correct	
1794.1	Izvor na selo Grad	Grad	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4646.40	8404.80	880	Granite	Total captured	1.500	11.05.1977	-	-	-	-									
1795.0	Glavata	Stamer	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4646.05	8403.05	780	Neogene sediments	Tap	0.500	10.07.1975	19	15.0	21.0	7									
1796.0	Stubel cesma	Stamer	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4645.80	8402.40	680	Neogene sediments	Tap	0.400	10.07.1975	19	12.5	19.0	7							Uncorrect	Correct	
1796.1	Stamer	Stamer	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4644.60	8401.90	640	Diluvium	Tap	0.010	4.08.1964	-	16.0	23.0	-									
1797.0	Kaman	Zvegor	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4649.20	8405.60	1100	Granite	Part. captured	1.500	11.07.1965	16	14.0	28.0	-	11.07.1975	7	14.0	20.0	7	3.000			
1798.0	Arnautski grob	Zvegor	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4649.90	8406.80	1080	Granite	Total captured	1.500	11.07.1965	18	11.0	27.0	-	11.07.1975	10	15.0	21.0	7	-			
1799.0	Sisaco	Zvegor	33, Delcevo	Delcevo	Bregalnica, Pehcevo 1	4649.95	8406.50	1060	Granite	Free flow	0.250	11.07.1975	11	12.5	24.0	7									
1800.0	Meckata	Zvegor	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4648.40	8402.50	840	Granite	Tap	0.250	11.07.1975	13	16.0	28.5	7									
1801.0	Stuble izvor	Ciflik	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4644.00	8397.95	895	Granite	Free flow	0.140	31.07.1975	10	15.0	23.0	7									
1802.0	Aguseva cesma	Gabrovo	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4651.35	8401.30	785	Paleogene deposit	Part. captured	1.000	12.07.1965	10	14.0	26.0	-	12.07.1975	16	19.0	24.0	7	0.100			
1803.0	Propadnalica	Gabrovo	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4650.85	8401.15	720	Granite	Free flow	2.100	12.07.1975	16	13.0	23.0	7							Uncorrect	Correct	
1804.0	Izvoriste	Gabrovo	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4649.45	8401.15	660	Paleogene deposit	Free flow	1.000	12.07.1965	7	17.0	23.0	-	12.07.1975	11	13.0	24.5	7	3.000			
1804.1	Izvor	Gabrovo	33, Delcevo	Delcevo	Bregalnica, K. Palanka 4	4654.00	8401.15	785	Sand & marl	Free flow	0.100	-	-	-	-	-									
1805.0	Cesma Prdla	Delcevo - Golubac	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4640.90	8396.25	1375	Granite	Tap	0.100	3.08.1975	9	8.0	20.0	6									
1806.0	Ajdacka cesma	Delcevo - Golubac	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4641.70	8395.35	1350	Granite	Tap	0.070	3.08.1975	12	8.3	24.0	6									
1807.0	Cesma	Delcevo - Golubac	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4640.45	8396.70	1280	Granite	Free flow	0.250	3.08.1975	11	9.8	23.0	6									
1808.0	Bela voda	Delcevo - Golubac	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4642.45	8397.20	1020	Granite	Free flow	0.030	4.08.1975	10	9.8	21.0	7									
1809.0	Gugusnica	Delcevo - Golubac	33, Delcevo	Delcevo	Bregalnica, Plackovica 2	4642.05	8395.50	1350	Granite	Free flow	0.050	3.08.1975	14	9.0	24.0	6									
1810.0	Cesma	Delcevo	33, Delcevo																						

Table 1(29/63) SPRING INVENTORY

No	Name of spring	Village name	Municipality (new)	Municipality (former)	River basin	Latitude (UTM)	Longitude (UTM)	Altitude (m)	Geology	Present condition	First observation					Second observation					Yield (l/sec)	Bacteriological	Chemical	Remarks
											Yield (l/sec)	Date	Time	Temperature water	Temperature air	pH	Date	Time	Temperature water	Temperature air				
1833.0	Tresteno platniste	Kostin Dol	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4660.02	8388.45	1320	Gneiss	Free flow	0.080	18.07.1975	18	9.5	18.5	6								
1834.0	Jakata cesma	Kostin Dol	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4659.65	8388.70	1320	Granite	Total captured	-	18.07.1975	12	13.0	25.0	7								
1835.0	Borova cesma	Kostin Dol	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4659.85	8387.55	1280	Gneiss	Free flow	28.000	19.07.1975	10	9.2	17.0	6								
1836.0	Cobanski izvor	Kostin Dol	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4658.55	8388.35	1060	Gneiss	Free flow	0.300	18.07.1975	18	12.0	19.0	6								
1836.1	Gaoliski orev	Kostin Dol	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4657.70	8389.00	870	Granite	Total captured	0.600	13.05.1977	-	-	-	-								
1837.0	Ravna voda	Kosevica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4660.30	8387.90	1420	Schist	Free flow	0.900	20.07.1975	14	7.9	19.5	6								
1838.0	Vlaska cesma	Kosevica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4661.40	8386.80	1350	Schist	Free flow	0.170	21.07.1975	10	8.2	17.5	6								
1839.0	Parovski izvor	Kosevica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4658.55	8387.00	1040	Schist	Free flow	0.130	20.07.1975	12	12.0	18.0	6								
1839.1	Rekarska livada I	Lukovica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4656.10	8385.60	670	Gneiss	Total captured	4.000	25.11.1976	-	-	-	-								
1839.2	Rekarska livada II	Lukovica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4655.95	8385.50	655	Gneiss	Total captured	2.000	25.11.1976	-	-	-	-								
1839.3	Skacka	Kosevica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4659.00	8386.50	900	Schist	Free flow	15.000	22.11.1974	-	-	-	-								
1839.4	Cukarska mahala	Kosevica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4657.70	8386.40	880	Gneiss	Free flow	0.050	14.08.1964	-	11.0	24.0	-								
1839.5	Bacevska mahala	Lukovica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4653.70	8384.10	540	Alluvium	Free flow	0.170	13.08.1964	-	14.0	28.0	-								
1840.0	Izvor na rekata	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4668.15	8377.50	1920	Schist	Free flow	3.000	22.07.1975	11	9.0	18.0	6								
1841.0	Izvor vrhot Kitka	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4662.60	8376.05	1700	Gneiss	Free flow	6.000	11.07.1965	12	6.0	20.0	-	30.07.1975	11	6.0	18.0	6	0.400		
1842.0	Cemerika	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4663.00	8376.00	1700	Gneiss	Free flow	6.000	11.07.1965	11	7.5	20.0	-	30.07.1975	12	5.5	18.0	6	1.200		
1843.0	Izvor vo mesnosta	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4661.55	8376.50	1600	Gneiss	Free flow	6.000	12.07.1965	7	8.0	13.0	-	30.07.1975	17	10.0	17.0	6	0.017		
1844.0	Sarovsko poiste	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4665.95	8378.80	1540	Schist	Free flow	6.500	10.07.1965	18	6.5	21.0	-	23.07.1975	9	6.0	15.0	6	0.500		
1845.0	Sarovsko poiste	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4666.30	8378.65	1540	Schist	Free flow	2.500	10.07.1965	18	6.5	20.0	-	22.07.1975	16	5.5	16.0	6	1.200		
1846.0	Vlaska cesma	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4664.40	8381.65	1500	Schist	Free flow	1.500	10.07.1965	12	6.0	23.0	-	22.07.1975	9	8.0	15.0	6	0.170		
1847.0	Dve cesmi	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4664.50	8380.50	1480	Schist	Free flow	0.600	24.07.1975	13	9.5	18.0	5								
1848.0	Izvor vo mesnosta	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4665.75	8379.40	1460	Schist	Free flow	4.500	10.07.1965	7	7.0	20.0	-	23.07.1975	12	6.5	19.0	6	1.300		
1849.0	Izvor cesma	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4663.90	8380.10	1340	Schist	Free flow	3.000	10.07.1965	7	10.0	18.0	-	24.07.1975	10	10.2	16.0	6	0.100		
1850.0	Mioska cesma	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4662.50	8378.60	1320	Gneiss	Free flow	0.300	24.07.1975	14	10.3	18.0	6								
1851.0	Kosariste	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4663.85	8380.90	1320	Schist	Free flow	0.700	10.07.1965	8	10.0	18.0	-	23.07.1975	16	6.5	16.0	6	0.700		
1852.0	Izvor bara	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4661.40	8381.10	1020	Gneiss	Free flow	1.500	10.07.1965	6	12.0	19.0	-	30.07.1975	18	12.0	16.0	6	0.160		
1852.1	Propodjerci	Sasa	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4660.90	8381.00	1080	Schist	Free flow	0.250	19.11.1964	-	9.0	15.0	8								
1853.0	Izvorot	Mostica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4661.85	8384.50	1270	Granite	Free flow	1.100	21.07.1975	12	7.5	19.0	6								
1854.0	Izvor vo mesnosta	Mostica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4658.50	8382.40	780	Gneiss	Total captured	5.000	9.07.1965	18	13.0	23.5	-	21.07.1975	16	9.0	17.0	6	-		
1854.1	Zapadno od Vlainci	Mostica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4658.50	8381.10	750	Diluvium	Free flow	0.090	14.08.1964	-	14.0	24.0	-								
1855.0	Valevicarska cesma	Kamenica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4654.25	8381.80	760	Gneiss	Tap	1.500	5.08.1975	12	12.0	24.0	7						Uncorrect	Correct	
1856.0	Izvor vo gumen dol	Kamenica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4654.25	8382.08	740	Gneiss	Part. captured	1.200	5.08.1975	10	15.0	20.0	7						Uncorrect	Correct	
1857.0	Kamenicka cesma	Kamenica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4654.40	8383.50	535	Gneiss	Tap	0.500	5.08.1975	14	13.0	24.0	7								
1857.1	Kamenicki izvor I	Kamenica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4657.10	8382.00	617	Gneiss	Total captured	10.000	20.11.1974	-	-	-	-								
1857.2	Kamenicki izvor II	Kamenica	34, Makedonska K	Delcevo	Bregalnica, K. Palanka	4656.75	8382.10	620	Gneiss	Total captured	4.000	20.11.1974	-	-	-	-								
1857.3	Malo sruseno	Kalimanci	34, Makedonska K	Delcevo	Bregalnica, Plackovica	4649.00	8382.85	460	Gneiss	Tap	0.170	6.05.1977	-	-	-	-								
1858.0	Bacevski kladenec	Dulica	34, Makedonska K	Delcevo	Bregalnica, Plackovica	4648.90	8382.20	590	Granite	Free flow	0.010	29.07.1975	13	17.0	27.0	7								
1859.0	Cesmarska cesma	Bezikovo	49, Orizari	Kocani																				

Table 1(30/63) SPRING INVENTORY

No	Name of spring	Village name	Municipality (new)	Municipality (former)	River basin	Latitude (UTM)	Longitude (UTM)	Altitude (m)	Geology	Present condition	First observation					Second observation					Remarks				
											Yield (l/sec)	Date	Time	Temperature water	air	pH	Date	Time	Temperature water	air		pH	Yield (l/sec)	Bacteriological	Chemical
1883.0	Selska cesma	Trsino	16, Vinica	Vinica	Bregalnica, Plackovica 2	4641.30	8388.50	770	Gneiss	Tap	0.050	6.07.1976	13	12.0	25.0	7									
1883.1	Maksimovski	Trsino	16, Vinica	Vinica	Bregalnica, Plackovica 2	4640.60	8388.85	820	Gneiss	Free flow	0.090	11.08.1964	-	12.0	27.0	-									
1884.0	Stara malska voda	Grjani	16, Vinica	Vinica	Bregalnica, Plackovica 2	4643.75	8387.10	770	Gneiss	Tap	0.100	7.07.1976	11	13.0	28.0	7									
1884.1	Carevec	Grjani	16, Vinica	Vinica	Bregalnica, Plackovica 2	4644.70	8385.00	790	Gneiss	Total captured	0.500	6.11.1975	-	-	-	-									
1884.2	Cakalska mahala	Grjani	16, Vinica	Vinica	Bregalnica, Plackovica 2	4644.60	8385.90	820	Mica schist	Tap	0.050	12.08.1964	-	11.0	18.0	-									
1885.0	Dapuvovska cesma	Krusevo; Dragobaste	16, Vinica	Vinica	Bregalnica, Plackovica 2	4638.25	8390.85	1040	Gneiss	Tap	0.050	6.07.1976	10	13.0	26.0	7									
1886.0	Selska cesma	Krusevo; Dragobaste	16, Vinica	Vinica	Bregalnica, Plackovica 2	4640.20	8383.95	650	Gneiss	Tap	0.180	7.07.1976	15	15.0	24.0	8									
1886.1	Mahala domazetska	Dragobaste	16, Vinica	Vinica	Bregalnica, Plackovica 2	4641.90	8383.50	700	Diluvium	Tap	0.090	22.08.1964	-	13.0	27.0	-									
1886.2	Izvor	Dragobaste	16, Vinica	Vinica	Bregalnica, Plackovica 2	4643.50	8381.50	620	Mica schist	Free flow	0.100	22.08.1964	-	15.0	26.0	-									
1887.0	Bel kamen	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4627.25	8380.30	1620	Mica schist	Free flow	1.500	6.07.1965	11	13.0	24.0	-	2.07.1976	12	8.0	16.0	6	1.600			
1888.0	Izvor na lisec	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4627.60	8376.75	1580	Gneiss	Free flow	1.500	2.07.1976	7	6.0	15.0	6									
1889.0	Lisec cesma	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4627.20	8377.25	1550	Gneiss	Free flow	0.600	2.07.1976	9	6.5	16.0	6									
1890.0	Izvor na bel kamen	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4627.20	8379.45	1460	Mica schist	Free flow	0.250	2.07.1976	12	6.0	15.0	6									
1891.0	Jordanina cesma	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4624.00	7624.35	1380	Gneiss	Tap	0.015	7.07.1976	18	15.0	16.0	7									
1892.0	Cesma krivo brdo	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4627.70	7623.60	1240	Mica schist	Free flow	0.200	2.07.1976	7	8.0	16.0	6									
1893.0	Cesma krivo brdo	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4627.80	7623.35	1180	Mica schist	Free flow	1.000	2.07.1976	8	7.0	16.0	6									
1894.0	Garvan	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4633.05	8376.75	1080	Gneiss	Free flow	1.000	2.07.1976	16	7.5	18.0	6									
1895.0	Izvor vo mesnost - G	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4635.65	8377.50	600	Neogene sediments	Free flow	0.500	6.07.1965	11	13.0	24.0	-	1.07.1976	12	13.5	23.0	7	1.000			
1896.0	Selska cesma	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4634.85	8376.95	560	Neogene sediments	Tap	0.100	2.07.1976	17	13.5	21.0	7									
1897.0	Selska cesma	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4635.10	8377.00	540	Neogene sediments	Tap	0.100	2.07.1976	17	14.5	21.5	7									
1897.1	Lopen	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4633.65	8377.20	860	Paleozoic total	Total captured	0.600	31.10.1974	-	-	-	-									
1897.2	Lakana	Gradec	16, Vinica	Vinica	Bregalnica, Plackovica 1	4631.30	8378.00	1170	Diluvium	Free flow	0.050	22.08.1964	-	11.0	25.0	-									
1898.0	Selska cesma	Leski	16, Vinica	Vinica	Bregalnica, Plackovica 1	4636.90	7623.45	440	Alluvium	Tap	2.000	1.07.1976	9	13.5	22.0	7									
1898.1	Izvor	Leski	16, Vinica	Vinica	Bregalnica, Plackovica 1	4636.10	7623.25	520	Schist	Free flow	0.100	22.08.1964	-	13.0	25.0	-									
1899.0	Kladenec vo mesnost	Preseka	49, Orizari	Kocani	Bregalnica, Plackovica 1	4650.80	7623.30	1040	Mica schist	Free flow	2.000	19.07.1965	11	13.0	28.0	-	12.07.1976	14	12.0	19.5	6	0.500			
1900.0	Djoneva cesma	Preseka	49, Orizari	Kocani	Bregalnica, K. Palanka 3	4652.50	8377.20	1000	Gneiss	Tap	0.100	12.07.1976	18	13.0	19.0	6									
1901.0	Izvor cesma	Preseka	49, Orizari	Kocani	Bregalnica, K. Palanka 3	4651.95	7624.00	960	Gneiss	Free flow	0.100	12.07.1976	19	12.0	18.5	6									
1901.1	Vrgovski	Preseka	49, Orizari	Kocani	Bregalnica, Plackovica 1	4648.60	7623.90	960	Gneiss	Free flow	0.030	26.08.1964	-	12.0	23.0	-									
1901.2	Karlovski izvor	Preseka	49, Orizari	Kocani	Bregalnica, Plackovica 1	4651.40	7623.00	930	Gneiss	Free flow	0.050	26.08.1964	-	12.0	26.0	-									
1901.3	Cesma	Preseka	49, Orizari	Kocani	Bregalnica, Plackovica 1	4648.00	7623.90	1100	Mica schist	Tap	0.070	26.08.1964	-	14.0	27.0	-									
1902.0	Izvor	Cera	34, Makedonska K	Kocani	Bregalnica, K. Palanka 3	4663.75	7622.50	1780	Mica schist	Free flow	1.500	14.07.1976	13	7.0	18.0	6									
1903.0	Dvete cesmi	Cera	34, Makedonska K	Kocani	Bregalnica, K. Palanka 3	4662.10	7623.05	1720	Mica schist	Free flow	0.500	14.07.1976	19	7.0	17.0	6									
1904.0	Studen kladenec	Cera	34, Makedonska K	Kocani	Bregalnica, K. Palanka 3	4661.60	7624.00	1650	Mica schist	Free flow	1.500	12.07.1965	8	6.5	12.0	-	14.07.1976	7	8.0	17.0	7	0.100			
1905.0	Vlaska cesma	Cera	34, Makedonska K	Kocani	Bregalnica, K. Palanka 3	4662.15	7622.40	1560	Mica schist	Free flow	5.000	12.07.1965	10	7.5	14.0	-	14.07.1976	10	6.0	16.5	6	0.500			
1906.0	Izvor sopor	Cera	34, Makedonska K	Kocani	Bregalnica, K. Palanka 3	4660.65	8377.00	1200	Mica schist	Free flow	1.600	14.07.1976	6	8.0	17.0	6									
1907.0	Zolta voda	Glavovica	49, Orizari	Kocani	Bregalnica, K. Palanka 3	4656.25	7624.90	1100	Paleogene deposit	Free flow	0.020	13.07.1965	19	13.0	20.0	-	13.07.1976	10	14.0	20.5	6	0.030			
1908.0	Cesma Ratipreslap	Glavovica	49, Orizari	Kocani	Bregalnica, K. Palanka 3	4656.95	8376.00	1100	Paleogene deposit	Free flow	0.100	13.07.1976	15	12.0	18.0	5									
1909.0	Izvor na carev vrv	Nebojane	49, Orizari	Kocani	Bregalnica, K. Palanka 3	4665.15	7621.00	2030	Gneiss	Free flow	7.000	12.07.1965	14	7.0	14.0	-	15.07.1976	10	9.0	18.0	6	6.			

Table 1(31/63) SPRING INVENTORY

No	Name of spring	Village name	Minicipality (new)	Minicipality (former)	River basin	Latitute (UTM)	Longitute (UTM)	Altitude (m)	Geology	Present condition	First observation					Second observation					Yield (l/sec)	Bacteriological	Chemical	Remarks
											Yield (l/sec)	Date	Time	Temperature water	air	pH	Date	Time	Temperature water	air				
1935.2	Turtel	Morodvis	48, Zrnovci	Kocani	Bregalnica, Plackovica 1	4629.75	7619.20	1600	Diluvium	Tap	0.500	27.08.1964	-	6.0	23.0	-								
1936.0	Sipkovica	Vidoviste	40, Zrnovci	Kocani	Bregalnica, Plackovica 1	4630.45	7617.90	1450	Gneiss	Free flow	0.050	10.07.1976	14	8.5	17.0	6								
1937.0	Selska cesma	Vidoviste	48, Zrnovci	Kocani	Bregalnica, Plackovica 1	4634.50	7616.60	420	Mica schist	Tap	0.150	10.07.1976	19	14.0	21.0	7								
1937.1	Kolarnica	Vidoviste	48, Zrnovci	Kocani	Bregalnica, Plackovica 1	4630.60	7617.70	1320	Gneiss	Free flow	0.090	27.08.1964	-	7.0	19.0	-								
1938.0	Selska cesma	Beli	45, Kocani	Kocani	Bregalnica, Plackovica 1	4643.55	7615.00	440	Mica schist	Tap	0.070	19.07.1976	8	15.0	20.0	7								
1939.0	Sokolova banja	D. Polog	45, Kocani	Kocani	Bregalnica, Plackovica 1	4639.00	7613.00	300	Alluvium	Free flow	1.200	25.07.1965	16	49.0	28.0	-	24.07.1976	14	50.0	28.0	7	1.000		
1940.0	Belski Vodenici	Trkanje	45, Kocani	Kocani	Bregalnica, Plackovica 1	4643.55	7613.70	480	Andezite, dacite, tuff	Free flow	2.500	26.07.1965	16	13.0	28.0	-	19.07.1976	16	13.0	27.0	7	1.000		
1941.0	Cesma	Trkanje	45, Kocani	Kocani	Bregalnica, Plackovica 1	4642.00	7612.70	400	Diluvium total	Tap	0.600	19.07.1976	17	21.0	28.0	7								
1942.0	Zdravovec	Nivcani	45, Kocani	Kocani	Bregalnica, Plackovica 1	4650.45	7611.60	1240	Mica schist	Tap	2.500	20.07.1976	16	9.0	22.0	6								
1943.0	Bela cesma	Nivcani	45, Kocani	Kocani	Bregalnica, Plackovica 1	4646.90	7611.80	730	Mica schist	Tap	0.080	20.07.1976	8	15.0	19.0	6								
1944.0	Termomineralna banja	Banja	47, Oblesovo	Kocani	Bregalnica, Plackovica 1	4641.80	7611.10	340	Alluvium	Tap	1.500	24.07.1976	12	58.0	26.0	-								
1945.0	Selska cesma	Oblesovo	47, Oblesovo	Kocani	Bregalnica, Stip 2	4638.75	7610.80	300	Alluvium	Tap	0.200	22.07.1976	15	14.0	25.0	7								
1946.0	Selska cesma	Oblesovo	47, Oblesovo	Kocani	Bregalnica, Plackovica 1	4638.80	7611.05	300	Alluvium	Tap	0.300	22.07.1976	15	14.0	25.0	7								
1947.0	Todorova cesma	Teranci	47, Oblesovo	Kocani	Bregalnica, Plackovica 1	4633.30	7613.70	560	Mica schist	Tap	0.200	10.07.1976	18	17.0	21.0	7								
1948.0	Vodeni dol	Teranci	47, Oblesovo	Kocani	Bregalnica, Plackovica 1	4633.25	7613.45	540	Mica schist	Tap	1.000	24.07.1965	18	12.0	17.0	-	10.07.1976	17	16.0	26.0	6	1.500		
1949.0	Selska cesma vo do	Teranci	47, Oblesovo	Kocani	Bregalnica, Plackovica 1	4634.75	7612.85	390	Mica schist	Tap	0.300	11.07.1976	9	15.0	24.0	7								
1950.0	Golema cesma	Teranci	47, Oblesovo	Kocani	Bregalnica, Plackovica 1	4635.10	7612.85	380	Mica schist	Tap	0.400	11.07.1976	9	14.0	23.0	7								
1951.0	Selska cesma	Teranci	47, Oblesovo	Kocani	Bregalnica, Plackovica 1	4635.25	7612.70	370	Mica schist	Tap	0.200	11.07.1976	7	17.0	20.0	7								
1951.1	Vrbi	Teranci	47, Oblesovo	Kocani	Bregalnica, Plackovica 1	4631.90	7615.35	930	Mica schist	Total captured	9.000	9.06.1977	-	-	-	-								
1952.0	Bunevski dol	Pripecani	107, Karbinci	Stip	Bregalnica, Plackovica 1	4629.95	7615.05	1020	Mica schist	Free flow	1.000	3.07.1965	8	12.0	20.0	-	10.07.1976	16	11.5	22.0	7	0.100		
1953.0	Pobien kamen	Kucicino	47, Oblesovo	Kocani	Bregalnica, Stip 2	4635.10	7609.85	300	Alluvium	Tap	0.100	11.07.1976	10	15.5	27.0	7								
1954.0	Juriskov kladenec	Buricevo	47, Oblesovo	Kocani	Bregalnica, Stip 2	4632.80	7609.40	430	Alluvium	Free flow	1.500	4.07.1965	18	14.0	26.0	-	11.07.1976	11	16.0	27.0	7	0.500		
1955.0	Cesma	Buricevo	47, Oblesovo	Kocani	Bregalnica, Stip 2	4633.85	7607.35	315	Alluvium	Free flow	2.000	4.07.1965	19	15.0	24.0	-	11.07.1976	12	15.0	27.0	7	0.500		
1955.1	Cesma	Buricevo	47, Oblesovo	Kocani	Bregalnica, Stip 2	4634.60	7609.90	310	Alluvium	Total captured	2.500	14.12.1976	-	-	-	-								
1956.0	Cesma Geren	Pantelej	45, Kocani	Kocani	Bregalnica, Stip 2	4647.60	7609.90	780	Andezite, dacite, tuff	Tap	0.200	20.07.1976	12	14.0	22.0	7								
1957.0	Duka	Pantelej	45, Kocani	Kocani	Bregalnica, Stip 2	4647.75	7609.00	750	Andezite, dacite, tuff	Tap	0.300	20.07.1976	11	13.0	21.0	7								
1958.0	Selska cesma	Rajcani	45, Kocani	Kocani	Bregalnica, Stip 2	4646.25	7605.95	690	Andezite, dacite, tuff	Tap	0.200	20.07.1976	10	12.0	20.0	8								
1959.0	Peraliski izvor	Spancevo	47, Oblesovo	Kocani	Bregalnica, Stip 2	4642.50	7608.00	480	Neogene sediments	Total captured	1.000	20.07.1976	19	-	-	-								
1960.0	Selska cesma	Spancevo	47, Oblesovo	Kocani	Bregalnica, Stip 2	4641.35	7607.15	350	Alluvium	Tap	2.000	20.07.1976	18	12.0	20.0	6								
1961.0	Zodorska Mlaka	Sokolarci	46, Cesinovo	Kocani	Bregalnica, Stip 2	4642.00	7606.80	470	Andezite, dacite, tuff	Free flow	1.500	5.07.1965	12	15.0	31.0	-	22.07.1976	10	15.0	26.0	7	0.500		
1962.0	Selska cesma	Sokolarci	46, Cesinovo	Kocani	Bregalnica, Stip 2	4640.00	7606.65	340	Alluvium	Tap	0.300	22.07.1976	11	15.0	25.0	7								
1963.0	Selska cesma	Sokolarci	46, Cesinovo	Kocani	Bregalnica, Stip 2	4639.85	7606.45	340	Alluvium	Tap	0.100	22.07.1976	11	15.0	26.0	7								
1963.1	Boslinovo	Sokolarci	46, Cesinovo	Kocani	Bregalnica, Stip 2	4640.60	7606.60	350	Alluvium	Total captured	2.500	15.12.1976	-	-	-	-								
1964.0	Selska cesma	Cesinovo	46, Cesinovo	Kocani	Bregalnica, Stip 2	4637.25	7607.25	294	Alluvium	Free flow	0.100	11.07.1976	16	15.0	23.0	7								
1964.1	Gladno pole	Cesinovo	46, Cesinovo	Kocani	Bregalnica, Stip 2	4638.20	7608.90	295	Alluvium	Free flow	0.090	1.09.1964	-	14.0	25.0	-								
1965.0	Mezanska cesma	Drenak	51, Kriva Palanka	Kriva Palanka	Bregalnica, K. Palanka 3	4666.70	7615.30	1680	Alluvium	Free flow	0.850	18.07.1975	10	6.0	15.0	5								
1966.0	Cesma nad G. Maali	Drenak	51, Kriva Palanka	Kriva Palanka	Bregalnica, K. Palanka 3	4666.40	7612.40	1460	Amphibolite mica schist	Free flow	0.730	18.07.1975	16	7.0	22.0	5								
1967.0	Orje	Drenak	51, Kriva Palanka	Kriva Palanka	Bregalnica, K. Palanka 3	4664.35	7614.95	1400	Chlorite-epidote sch.	Free flow	1.000	17.07.1965	16	6.0	17.0	-	18.07.1975	8						

Table 1(32/63) SPRING INVENTORY

No	Name of spring	Village name	Municipality (new)	Municipality (former)	River basin	Latitude (UTM)	Longitude (UTM)	Altitude (m)	Geology	Present condition	First observation					Second observation					Remarks				
											Yield (l/sec)	Date	Time	Temperature water	air	pH	Date	Time	Temperature water	air		pH	Yield (l/sec)	Bacteriological	Chemical
1996.0	Gorna cesma	Grizilovci	71, Probistip	Probistip	Bregalnica, Kratovo 4	4655.70	7595.20	820	Andezite,dacite,tuff	Tap	0.200	15.07.1976	15	13.0	20.0	7									
1997.0	Cesma	Kundino	71, Probistip	Probistip	Bregalnica, Kratovo 4	4653.80	7595.45	680	Andezite,dacite,tuff	Tap	0.420	15.07.1976	13	13.0	22.0	6									
1997.1	Izvor	Probistip	71, Probistip	Probistip	Bregalnica, Kratovo 4	4652.15	7596.40	570	Loam	Free flow	0.130	15.09.1964	-	14.0	28.0	-									
1997.2	Brest	Kundino	71, Probistip	Probistip	Bregalnica, Kratovo 4	4654.00	7595.50	740	Andezite,dacite,tuff	Free flow	0.150	27.05.1977	-	-	-	-									
1997.3	Mraka	Probistip	71, Probistip	Probistip	Bregalnica, Kratovo 4	4652.50	7595.85	600	Andezite,dacite,tuff	Free flow	1.500	25.05.1977	-	-	-	-									
1998.0	Star kladenec	Plesanci	71, Probistip	Probistip	Bregalnica, Stip 2	4651.30	7594.40	580	Andezite,dacite,tuff	Free flow	0.250	17.07.1976	10	16.0	23.0	5									
1999.0	Sredna cesma	Plesanci	71, Probistip	Probistip	Bregalnica, Stip 2	4651.30	7594.35	580	Andezite,dacite,tuff	Tap	0.080	17.07.1976	10	14.0	23.0	6									
1999.1	Cesma	Plesanci	71, Probistip	Probistip	Bregalnica, Stip 2	4650.90	7594.20	560	Schist	Tap	0.300	9.09.1964	4	15.0	18.0	-									
1999.2	Vojtim	Plesanci	71, Probistip	Probistip	Bregalnica, Kratovo 4	4652.00	7593.90	670	Andezite,dacite,tuff	Free flow	0.200	27.05.1977	-	-	-	-									
2000.0	Murta	D. Stubel	71, Probistip	Probistip	Bregalnica, Stip 2	4649.90	7593.75	540	Andezite,dacite,tuff	Tap	0.040	17.07.1976	11	15.0	19.0	6									
2001.0	Virovski kladenec	Strmes	71, Probistip	Probistip	Bregalnica, Stip 2	4649.10	7596.50	500	Andezite,dacite,tuff	Tap	1.000	9.07.1965	13	15.0	25.0	-	17.07.1976	8	15.0	22.0	6	0.250			
2002.0	Dolni kladenec	Neokazi	71, Probistip	Probistip	Bregalnica, Stip 2	4646.70	7599.15	430	Andezite,dacite,tuff	Free flow	0.200	14.07.1976	16	13.0	22.0	7									
2003.0	Cesma	Drenok	71, Probistip	Probistip	Bregalnica, Stip 2	4647.55	7595.90	550	Andezite,dacite,tuff	Tap	0.040	18.07.1976	10	15.0	22.0	6									
2004.0	Dolna cesma	Petrino	71, Probistip	Probistip	Bregalnica, Stip 2	4646.30	7596.65	520	Andezite,dacite,tuff	Tap	0.050	18.07.1976	9	16.0	20.0	6									
2005.0	Cesma	Petrino	71, Probistip	Probistip	Bregalnica, Stip 2	4647.00	7596.55	500	Andezite,dacite,tuff	Tap	0.130	18.07.1976	9	15.0	25.0	6									
2006.0	Casica	Buciste	71, Probistip	Probistip	Bregalnica, Stip 2	4644.45	7598.25	440	Andezite,dacite,tuff	Free flow	0.010	18.07.1976	12	16.0	23.0	7									
2007.0	Gorna cesma	Tripatanci	72, Zletovo	Probistip	Bregalnica, Stip 2	4643.90	7600.50	390	Alluvium	Tap	0.025	18.07.1976	13	17.0	24.0	7									
2008.0	Cesma	Tripatanci	72, Zletovo	Probistip	Bregalnica, Stip 2	4643.90	7600.40	380	Alluvium	Tap	0.500	18.07.1976	13	13.0	23.0	7									
2008.1	Izvor	Tripatanci	72, Zletovo	Probistip	Bregalnica, Stip 2	4642.35	7600.75	395	Diluvium	Tap	0.500	2.09.1964	4	16.0	22.0	-									
2008.2	Zdolci	Tripatanci	72, Zletovo	Probistip	Bregalnica, Stip 2	4645.30	7601.65	510	Neogene sediments	Free flow	0.150	26.05.1977	-	-	-	-									
2008.3	Padina	Tripatanci	72, Zletovo	Probistip	Bregalnica, Stip 2	4644.10	7601.45	540	Neogene sediments	Free flow	0.150	26.05.1977	-	-	-	-									
2009.0	Selska cesma	Gorni Stubel	71, Probistip	Probistip	Bregalnica, Kratovo 4	4652.75	7591.50	680	Andezite,dacite,tuff	Tap	0.330	17.07.1976	18	13.0	20.0	6									
2009.1	Izvor	Gorni Stubel	71, Probistip	Probistip	Bregalnica, Kratovo 4	4653.50	7591.35	740	Tuff	Free flow	0.090	9.09.1964	-	13.0	16.0	-									
2010.0	Sarkovec	Barbarevo	71, Probistip	Probistip	Bregalnica, Stip 1	4649.45	7588.55	580	Andezite,dacite,tuff	Free flow	0.010	17.07.1976	15	14.0	20.0	6									
2011.0	Cesma	Barbarevo	71, Probistip	Probistip	Bregalnica, Stip 1	4645.15	7589.50	560	Andezite,dacite,tuff	Tap	0.040	17.07.1976	15	14.0	20.0	6									
2012.0	Zlatan	Barbarevo	71, Probistip	Probistip	Bregalnica, Stip 1	4659.55	7589.60	560	Andezite,dacite,tuff	Tap	0.020	17.07.1976	14	16.0	25.0	6									
2013.0	Topola	Barbarevo	71, Probistip	Probistip	Bregalnica, Stip 2	4650.40	7591.35	550	Andezite,dacite,tuff	Free flow	0.130	17.07.1976	16	16.0	21.0	6									
2014.0	Cesma	Strisovci	71, Probistip	Probistip	Bregalnica, Stip 2	4647.50	7591.50	500	Andezite,dacite,tuff	Tap	0.020	19.07.1976	7	16.0	17.0	7									
2015.0	Zenski kladenec	Strisovci	71, Probistip	Probistip	Bregalnica, Stip 2	4647.25	7591.75	480	Andezite,dacite,tuff	Free flow	0.080	19.07.1976	7	14.0	17.0	6									
2016.0	Bara	Puzderci	71, Probistip	Probistip	Bregalnica, Stip 2	4644.55	7594.10	500	Andezite,dacite,tuff	Tap	0.050	19.07.1976	10	15.0	26.0	7									
2017.0	Suljov kladenec	Zarapinci	71, Probistip	Probistip	Bregalnica, Stip 2	4644.05	7596.70	440	Andezite,dacite,tuff	Tap	0.020	19.07.1976	11	17.0	29.0	7									
2018.0	Cesma	Zarapinci	71, Probistip	Probistip	Bregalnica, Stip 2	4644.80	7595.70	420	Andezite,dacite,tuff	Tap	0.040	19.07.1976	11	13.0	28.0	5									
2019.0	Kladenec	Kukovo	71, Probistip	Probistip	Bregalnica, Stip 2	4643.25	7592.50	580	Andezite,dacite,tuff	Free flow	0.100	18.07.1976	17	18.0	24.0	5									
2020.0	Caska	Kukovo	71, Probistip	Probistip	Bregalnica, Stip 2	4642.75	7592.80	580	Andezite,dacite,tuff	Tap	0.080	18.07.1976	18	13.0	23.0	6									
2021.0	Selska cesma	Kukovo	71, Probistip	Probistip	Bregalnica, Stip 2	4643.95	7592.20	580	Andezite,dacite,tuff	Tap	0.130	18.07.1976	18	15.0	22.0	6									
2022.0	Gorna cesma	Petrino	71, Probistip	Probistip	Bregalnica, Stip 2	4641.25	7594.50	600	Andezite,dacite,tuff	Tap	0.500	18.07.1976	17	14.0	23.0	6									
2023.0	Cesma na Stojanka	Lezovo	71, Probistip	Probistip	Bregalnica, Stip 2	4642.20	7598.60	400	Andezite,dacite,tuff	Tap	0.060	18.07.1976	14	17.0	22.0	6									
2024.0	Dolna cesma	Lezovo	71, Probistip	Probistip	Bregalnica, Stip 2	4642.15	7598.55	400	Andezite,dacite,tuff	Tap	0.030	18.07.1976	14	20.0	22.0	7									
2025.0	Cesma	Lezovo	71, Probistip	Probistip	Bregalnica, St																				

Table 1(33/63) SPRING INVENTORY

No	Name of spring	Village name	Minicipality (new)	Minicipality (former)	River basin	Latitute (UTM)	Longitute (UTM)	Altitute (m)	Geology	Present condition	First observation					Second observation					Yield (l/sec)	Bacteri-ological	Chemical	Remarks	
											Yield (l/sec)	Date	Time	Temperature water	air	pH	Date	Time	Temperature water	air					pH
2055.0	Cesma vo selo	Odjalija	107, Karbinci	Stip	Bregalnica, Stip 2	4624.20	7611.05	720	Paleogene deposit	Tap	0.250	11.07.1976	13	17.0	18.0	6									
2056.0	Kurfaliska cjesma	Kurfalija	107, Karbinci	Stip	Bregalnica, Stip 2	4625.05	7610.60	780	Paleogene deposit	Tap	0.060	11.07.1976	12	15.5	18.0	7									
2057.0	Izvor vo dolinata na	Mal Gaber	107, Karbinci	Stip	Bregalnica, Stip 4	4623.45	7609.65	620	Paleogene deposit	Total captured	12.000	16.07.1965	18	14.5	20.5	-	11.07.1976	13	-	-	-	-			
2058.0	Atidje cesma	Golem Gaber	107, Karbinci	Stip	Bregalnica, Stip 2	4624.25	7609.00	580	Paleogene deposit	Tap	0.040	11.07.1976	14	15.0	22.0	7									
2059.0	Lidjak	Golem Gaber	107, Karbinci	Stip	Bregalnica, Stip 2	4624.50	7609.75	560	Paleogene deposit	Free flow	1.600	11.07.1976	14	14.0	22.0	6									
2059.1	Gorni gaber	Golem Gaber	107, Karbinci	Stip	Bregalnica, Stip 2	4625.00	7608.40	420	Paleogene deposit	Total captured	6.000	25.10.1974	-	-	-	-									
2060.0	Izvor Radanje	Golem Gaber	107, Karbinci	Stip	Bregalnica, Stip 2	4627.00	7606.15	350	Diluvium total	Tap	2.500	2.07.1965	12	15.0	31.0	-	11.07.1976	15	15.0	21.0	7	5.000			
2061.0	Cesma vo rekata	Golem Gaber	107, Karbinci	Stip	Bregalnica, Stip 2	4627.20	7606.15	350	Diluvium total	Tap	0.700	11.07.1976	16	14.5	21.0	6									
2062.0	Golem Geriz	Tarinci	107, Karbinci	Stip	Bregalnica, Stip 2	4629.10	7604.00	310	Diluvium total	Free flow	1.000	24.07.1965	11	14.5	26.0	-	12.09.1976	10	15.0	20.0	7	1.500			
2063.0	Cesma	Tarinci	107, Karbinci	Stip	Bregalnica, Stip 2	4629.30	7602.75	305	Alluvium	Tap	1.000	14.09.1976	9	16.0	21.0	6									
2063.1	Cesma	Tarinci	107, Karbinci	Stip	Bregalnica, Stip 2	4628.15	7601.70	300	Marl & limestone	Tap	0.050	28.09.1964	15	17.0	23.0	-									
2064.0	Gulek I	Sasavarija	106, Stip	Stip	Bregalnica, Stip 4	4620.50	7607.85	780	Paleogene deposit	Tap	0.080	10.07.1976	13	15.0	22.0	6									
2065.0	Gulek II	Sasavarija	106, Stip	Stip	Bregalnica, Stip 4	4620.55	7607.65	780	Paleogene deposit	Tap	0.130	10.07.1976	14	15.0	23.0	6									
2066.0	Kunkce	Sasavarija	106, Stip	Stip	Bregalnica, Stip 4	4620.85	7607.50	620	Paleogene deposit	Tap	0.008	10.07.1976	13	16.0	20.0	6									
2067.0	Cesma	Sasavarija	106, Stip	Stip	Bregalnica, Stip 4	4620.15	7607.75	620	Paleogene deposit	Tap	0.020	10.07.1976	13	16.0	20.0	6									
2068.0	Puknata skala	Nikoman	106, Stip	Stip	Bregalnica, Stip 4	4622.05	7608.65	840	Paleogene deposit	Free flow	1.000	16.07.1965	19	11.0	17.0	-	10.07.1976	15	11.5	18.0	7	0.600			
2069.0	Blagovo	Star Karaorma	106, Stip	Stip	Bregalnica, Stip 2	4626.75	7601.25	370	Paleogene deposit	Free flow	1.000	24.07.1965	9	15.5	26.0	-	11.07.1976	19	14.5	20.0	7	0.600			
2070.0	Dolna cesma	Tri Cesmi	106, Stip	Stip	Bregalnica, Stip 2	4626.15	7594.80	320	Diluvium total	Tap	0.250	14.09.1976	9	17.0	19.0	6									
2071.0	Gorna cesma	Tri Cesmi	106, Stip	Stip	Bregalnica, Stip 2	4626.50	7594.90	320	Diluvium total	Tap	0.010	6.07.1976	9	22.0	26.0	7									
2072.0	Cesma vo seloto	Susevo	106, Stip	Stip	Bregalnica, Stip 2	4624.30	7594.25	380	Paleogene deposit	Tap	0.050	6.07.1976	9	21.0	26.0	7									
2073.0	Gorna cesma	Susevo	106, Stip	Stip	Bregalnica, Stip 2	4625.80	7593.95	380	Paleogene deposit	Tap	0.010	6.07.1976	10	18.0	27.0	7									
2074.0	Cvetkova cesma	Kalapetrovci	106, Stip	Stip	Bregalnica, Stip 4	4618.95	7609.75	800	Paleogene deposit	Tap	0.003	10.07.1976	11	16.0	22.0	7									
2075.0	Rezervoar	Kalapetrovci	106, Stip	Stip	Bregalnica, Stip 4	4618.75	7609.60	780	Paleogene deposit	Total captured	-	10.07.1976	12	13.0	20.0	7									
2076.0	Balabanica	Lipov Dol	106, Stip	Stip	Bregalnica, Stip 4	4618.85	7602.95	600	Paleogene deposit	Free flow	0.040	7.07.1976	14	13.0	23.0	6									
2077.0	Zmijin dol	Lipov Dol	106, Stip	Stip	Bregalnica, Stip 4	4619.35	7602.75	520	Paleogene deposit	Free flow	0.600	17.07.1965	18	12.5	24.0	-	7.07.1976	12	14.0	20.0	6	0.400			
2078.0	Strumina	Stip	106, Stip	Stip	Bregalnica, Stip 4	4619.15	7602.20	600	Paleogene deposit	Tap	0.036	7.07.1976	12	13.0	24.0	6									
2079.0	Omerova cesma	Stip	106, Stip	Stip	Bregalnica, Stip 4	4618.65	7602.30	520	Paleogene deposit	Tap	0.060	7.07.1976	12	15.0	24.0	7									
2079.1	Kezevica	Novo Selo	106, Stip	Stip	Bregalnica, Stip 4	4621.80	7598.45	300	Granite	Total captured	1.000	-	-	59.0	-	-									
2080.0	Izvor I	Dobrosani	106, Stip	Stip	Bregalnica, Stip 4	4623.50	7591.05	280	Paleogene deposit	Free flow	0.300	6.07.1976	12	15.0	25.0	7									
2081.0	Izvor II	Dobrosani	106, Stip	Stip	Bregalnica, Stip 4	4623.30	7590.95	280	Paleogene deposit	Free flow	0.250	6.07.1976	12	17.0	27.0	7									
2082.0	Mineralna voda	Jagmularci	106, Stip	Stip	Bregalnica, Stip 3	4623.00	7587.30	220	Paleogene deposit	Free flow	0.400	22.07.1965	11	12.5	23.0	-	6.07.1976	17	20.0	26.0	8	0.300			
2083.0	Firadina cesma	D. Lipovik	74, Konce	Radovis	Bregalnica, Strumica 1	4594.00	7623.50	600	Paleozoic total	Free flow	0.150	6.07.1976	12	11.0	28.0	7									
2084.0	Sturov dol	D. Lipovik	74, Konce	Radovis	Bregalnica, Strumica 1	4595.20	7620.55	570	Paleozoic total	Free flow	0.330	6.07.1976	11	13.0	26.0	7									
2085.0	Carevac	D. Lipovik	74, Konce	Radovis	Bregalnica, Strumica 1	4595.35	7621.05	560	Paleozoic total	Free flow	1.250	6.07.1976	10	14.5	25.0	7									
2086.0	Cesma	D. Lipovik	74, Konce	Radovis	Bregalnica, Plackovica 3	4596.40	7622.15	540	Paleozoic total	Tap	0.060	6.07.1976	11	13.5	26.0	7									
2087.0	Carevac	D. Lipovik	74, Konce	Radovis	Bregalnica, Strumica 1	4595.27	7621.30	550	Paleozoic total	Tap	0.660	6.07.1976	10	11.0	25.0	7									
2088.0	Batak caire	D. Lipovik	74, Konce	Radovis	Bregalnica, Strumica 1	4595.60	7621.10	550	Paleozoic total	Free flow	2.000	6.07.1976	10	25.5	26.0	7									
2089.0	Selski izvor	D. Lipovik	74, Konce	Radovis	Bregalnica,																				

Table 1(34/63) SPRING INVENTORY

No	Name of spring	Village name	Municipality (new)	Municipality (former)	River basin	Latitude (UTM)	Longitude (UTM)	Altitude (m)	Geology	Present condition	First observation					Second observation					Remarks					
											Yield (l/sec)	Date	Time	Temperature water	air	pH	Date	Time	Temperature water	air		pH	Yield (l/sec)	Bacteriological	Chemical	
2123.0	Dabje	Lubnica	74, Konce	Radovis	Bregalnica, Plackovica 3	4596.85	7613.95	580	Paleozoic total	Tap	1.000	9.07.1965	10	14.5	25.0	-	5.07.1976		7	12.5	19.0	6	1.400			
2124.0	Gorgeva cesma	Lubnica	74, Konce	Radovis	Bregalnica, Plackovica 3	4596.40	7614.95	560	Paleozoic total	Tap	0.050	5.07.1976	10	13.5	24.0	6										
2125.0	Drenovec	Lubnica	74, Konce	Radovis	Bregalnica, Plackovica 3	4596.60	7615.30	540	Paleozoic total	Free flow	0.100	5.07.1976	9	14.0	22.0	6										
2126.0	Bimbova cesma	Lubnica	74, Konce	Radovis	Bregalnica, Plackovica 3	4597.10	7615.45	530	Paleozoic total	Free flow	0.140	5.07.1976	10	13.5	22.0	6										
2127.0	Jasova cesma	Lubnica	74, Konce	Radovis	Bregalnica, Plackovica 3	4597.10	7615.20	530	Paleozoic total	Free flow	0.029	5.07.1976	10	12.5	24.0	6										
2128.0	Krajnomaalska cesma	Gabrevci	74, Konce	Radovis	Bregalnica, Plackovica 3	4603.50	7615.60	530	Paleozoic total	Tap	0.019	7.07.1976	15	18.0	22.0	8										
2128.1	Vela glava	Gabrevci	74, Konce	Radovis	Bregalnica, Plackovica 3	4604.75	7616.90	650	Diluvium	Tap	0.090	24.10.1964	-	13.0	20.0	-										
2129.0	Disova cesma	Skorusa	74, Konce	Radovis	Bregalnica, Stip 4	4600.45	7609.95	585	Neogene sediment	Free flow	0.040	4.07.1976	18	12.0	21.0	7										
2130.0	Gorna cesma	Skorusa	74, Konce	Radovis	Bregalnica, Stip 4	4600.70	7610.85	530	Neogene sediment	Tap	0.280	4.07.1976	17	18.0	26.0	7										
2131.0	Dolna cesma	Skorusa	74, Konce	Radovis	Bregalnica, Stip 4	4600.85	7611.10	515	Neogene sediment	Tap	0.350	4.07.1976	17	18.5	26.0	7										
2132.0	Mistarova cesma	Skorusa	74, Konce	Radovis	Bregalnica, Stip 4	4601.60	7611.35	460	Neogene sediment	Free flow	0.050	4.07.1976	18	15.0	22.0	7										
2133.0	Diabok dol	Skorusa	74, Konce	Radovis	Bregalnica, Plackovica 3	4601.10	7614.15	440	Paleozoic total	Free flow	1.000	9.07.1965	8	14.0	22.5	-	8.07.1976	8	14.0	19.0	7	0.500				
2134.0	Studena voda	Zagorci	74, Konce	Radovis	Bregalnica, Stip 4	4600.10	7608.75	840	Neogene sediment	Free flow	0.500	4.07.1976	14	10.0	20.0	7										
2135.0	Izvor	Zagorci	74, Konce	Radovis	Bregalnica, Stip 4	4601.10	7609.30	570	Neogene sediment	Free flow	0.020	4.07.1976	14	14.0	22.0	7										
2136.0	Stubel	Zagorci	74, Konce	Radovis	Bregalnica, Stip 4	4601.50	7609.25	555	Neogene sediment	Tap	0.033	4.07.1976	13	16.0	20.0	7										
2137.0	Plandiste	Zagorci	74, Konce	Radovis	Bregalnica, Stip 4	4603.60	7610.60	420	Neogene sediment	Tap	0.066	4.07.1976	15	16.0	22.0	7										
2138.0	Selska cesma	D. Vrstica	74, Konce	Radovis	Bregalnica, Plackovica 3	4605.86	7612.10	530	Paleozoic total	Tap	0.040	8.08.1976	10	15.5	20.0	7										
2138.1	Cesma	G. Vrstica	74, Konce	Radovis	Bregalnica, Plackovica 3	4606.30	7613.40	530	Gneiss	Tap	0.090	24.10.1964	-	13.0	22.0	-										
2139.0	Kostani	Garvan	74, Konce	Radovis	Bregalnica, Stip 4	4602.05	7608.10	600	Neogene sediment	Free flow	0.660	4.07.1976	9	13.0	18.0	7										
2140.0	Manastirski izvor	Garvan	74, Konce	Radovis	Bregalnica, Stip 4	4602.40	7607.85	590	Neogene sediment	Tap	0.022	4.07.1976	7	16.0	17.0	7										
2141.0	Cesma sred selo	Garvan	74, Konce	Radovis	Bregalnica, Stip 4	4602.45	7608.05	570	Neogene sediment	Tap	0.050	4.07.1976	7	17.0	16.0	7										
2142.0	Cresi	Garvan	74, Konce	Radovis	Bregalnica, Stip 4	4602.50	7608.25	550	Neogene sediment	Tap	0.033	4.07.1976	8	16.5	17.0	7										
2143.0	Kajkova cesma	Garvan	74, Konce	Radovis	Bregalnica, Stip 4	4602.65	7607.85	520	Neogene sediment	Tap	0.266	4.07.1976	8	15.0	16.0	7										
2144.0	Gorna cesma	Brest	106, Stip	Stip	Bregalnica, Stip 4	4607.85	7610.90	600	Paleozoic total	Tap	0.040	6.07.1976	13	17.0	23.0	7										
2145.0	Dolna cesma	Brest	106, Stip	Stip	Bregalnica, Stip 4	4607.65	7610.55	560	Paleozoic total	Tap	0.040	8.07.1976	13	14.0	23.0	7										
2146.0	Vujovec	Brest	106, Stip	Stip	Bregalnica, Stip 4	4608.95	7610.15	550	Paleozoic total	Tap	0.043	8.07.1976	14	13.0	24.0	7										
2147.0	Pilavtepe	Brest	106, Stip	Stip	Bregalnica, Stip 4	4609.80	7610.20	360	Paleozoic total	Tap	0.066	8.07.1976	16	15.5	20.0	7										
2148.0	Vrba	Piperovo	106, Stip	Stip	Bregalnica, Stip 4	4604.10	7605.66	680	Neogene sediment	Free flow	0.100	14.07.1976	11	15.0	20.5	7										
2149.0	Mijalova Cesma	Piperovo	106, Stip	Stip	Bregalnica, Stip 4	4604.65	7605.05	670	Neogene sediment	Tap	0.020	14.07.1976	13	12.0	26.0	7										
2150.0	Madjirska cesma	Piperovo	106, Stip	Stip	Bregalnica, Stip 4	4604.00	7606.10	620	Neogene sediment	Tap	0.017	14.07.1976	11	13.0	18.0	7										
2151.0	Subanica cesma	Piperovo	106, Stip	Stip	Bregalnica, Stip 4	4604.40	7605.95	580	Neogene sediment	Tap	0.400	14.07.1976	10	15.0	21.0	7										
2152.0	Djamija cesma	Piperovo	106, Stip	Stip	Bregalnica, Stip 4	4604.15	7606.26	570	Neogene sediment	Tap	0.230	14.07.1976	12	14.5	16.0	7										
2153.0	Selska cesma	Piperovo	106, Stip	Stip	Bregalnica, Stip 4	4604.25	7606.40	560	Neogene sediment	Tap	0.180	14.07.1976	12	18.0	20.0	7										
2154.0	Popovica	Piperovo	106, Stip	Stip	Bregalnica, Stip 4	4604.70	7606.25	550	Neogene sediment	Tap	0.040	14.07.1976	9	16.0	23.0	7										
2155.0	Plavica	Piperovo	106, Stip	Stip	Bregalnica, Stip 4	4605.40	7605.60	520	Neogene sediment	Free flow	0.170	14.07.1976	9	14.0	27.0	7										
2156.0	Kodjacuren cesma	Pocivalo	106, Stip	Stip	Bregalnica, Plackovica 3	4619.50	7616.05	660	Gneiss	Tap	0.040	10.07.1976	14	14.5	28.0	7										
2157.0	Destan usni cesma	Pocivalo	106, Stip	Stip	Bregalnica, Plackovica 3	4618.65	7616.25	760	Gneiss	Tap	0.025	10.07.1976	13	15.0	27.0	7										
2158.0	Sarmas cesma	Supurge	73, Radovis	Radovis	Bregalnica, Plackovica 3	4615.45	7616.70	760	Gneiss	Tap	0.033	10.07.1976	9	14.5	24.0	6										
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Table 1(35/63) SPRING INVENTORY

No	Name of spring	Village name	Municipality (new)	Municipality (former)	River basin	Latitude (UTM)	Longitude (UTM)	Altitude (m)	Geology	Present condition	First observation				pH	Second observation				Yield (l/sec)	Bacteriological	Chemical	Remarks
											Yield (l/sec)	Date	Time	Temperature water		air	Date	Time	Temperature water				
2192.0	Dolna cesma	Tanatarci	106, Stip	Stip	Bregalnica, Stip 4	4612.55	7607.05	580	Neogene sediment	Tap	0.014	12.07.1976	11	15.5	28.0	7							
2193.0	Trajanica	Ljuboten	106, Stip	Stip	Bregalnica, Stip 4	4614.60	7603.80	550	Neogene sediment	Tap	0.050	12.07.1976	19	14.5	20.0	7							
2194.0	Gorna cesma	Ljuboten	106, Stip	Stip	Bregalnica, Stip 4	4614.80	7604.00	540	Neogene sediment	Tap	0.030	12.07.1976	16	15.0	21.0	7							
2195.0	Botevica	Ljuboten	106, Stip	Stip	Bregalnica, Stip 4	4614.65	7603.75	540	Neogene sediment	Tap	0.040	12.07.1976	18	12.5	20.0	7							
2196.0	Naimova cesma	Ljuboten	106, Stip	Stip	Bregalnica, Stip 4	4614.45	7603.90	520	Neogene sediment	Tap	0.040	12.07.1976	17	19.0	20.0	7							
2197.0	Malevec	Selce	106, Stip	Stip	Bregalnica, Stip 4	4612.10	7598.15	530	Neogene sediment	Tap	0.014	16.07.1976	14	16.0	26.0	8							
2198.0	Srednomaalska cesma	Selce	106, Stip	Stip	Bregalnica, Stip 4	4612.30	7597.95	520	Neogene sediment	Tap	0.033	16.07.1976	16	18.0	22.0	8							
2199.0	Topci cesme	Selce	106, Stip	Stip	Bregalnica, Stip 4	4612.40	7597.75	500	Neogene sediment	Tap	0.030	16.07.1976	17	17.0	20.0	7							
2200.0	Poilo	Selce	106, Stip	Stip	Bregalnica, Stip 4	4612.40	7598.15	490	Neogene sediment	Free flow	0.020	16.07.1976	15	18.0	21.0	6							
2201.0	Mera cesma	Selce	106, Stip	Stip	Bregalnica, Stip 4	4612.60	7597.70	490	Neogene sediment	Tap	0.040	16.07.1976	18	19.0	20.0	8							
2202.0	Djamija	Selce	106, Stip	Stip	Bregalnica, Stip 4	4612.60	7597.90	485	Neogene sediment	Tap	0.040	16.07.1976	17	18.5	20.0	8							
2203.0	Selska cesma	Selce	106, Stip	Stip	Bregalnica, Stip 4	4612.80	7597.65	480	Neogene sediment	Tap	0.080	16.07.1976	18	15.0	20.0	8							
2204.0	Cesma	Dolani	106, Stip	Stip	Bregalnica, Stip 4	4617.50	7600.45	420	Neogene sediment	Tap	0.100	13.07.1976	14	-	-	7							
2205.0	Cesma	Dolani	106, Stip	Stip	Bregalnica, Stip 4	4617.70	7600.30	420	Neogene sediment	Tap	0.170	13.07.1976	15	-	-	7							
2206.0	Cerdjoska cesma	Dolani	106, Stip	Stip	Bregalnica, Stip 4	4616.80	7600.60	410	Neogene sediment	Tap	0.140	13.07.1976	15	-									

Table 1(36/63) SPRING INVENTORY

No	Name of spring	Village name	Minicipality (new)	Minicipality (former)	River basin	Latitute (UTM)	Longitute (UTM)	Altitute (m)	Geology	Present condition	First observation					Second observation					Remarks			
											Yield (l/sec)	Date	Time	Temperature water	air	pH	Date	Time	Temperature water	air		pH	Yield (l/sec)	Bacteri-logical
2260.0	Redjepova cesma	Rancinci	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4641.95	7586.50	430	Andezite, dacite, tuff	Tap	0.066	14.06.1976	15	15.0	17.0	8								
2261.0	Demiskin	Meckuevci	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4641.00	7589.30	580	Andezite, dacite, tuff	Free flow	0.100	15.06.1976	10	12.0	17.0	7								
2262.0	Glava	Meckuevci	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4641.65	7589.00	520	Andezite, dacite, tuff	Tap	0.434	15.06.1976	12	16.0	12.0	8								
2263.0	Kumce	Burilovci	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4637.65	7588.95	340	Paleogene deposit	Tap	0.266	15.06.1976	17	12.0	16.5	8								
2264.0	Mlaka-cesma	Arbasanci	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4640.85	7589.75	560	Paleogene deposit	Tap	0.0364	15.06.1976	12	13.0	17.5	8								
2265.0	Kumce	Arbasanci	106, Stip	Sveti Nikole	Bregalnica, Stip 2	4639.25	7590.30	520	Paleogene deposit	Tap	0.0587	15.06.1976	13	11.0	17.5	8								
2266.0	Stara cesma	Arbasanci	106, Stip	Sveti Nikole	Bregalnica, Stip 2	4638.80	7590.65	510	Paleogene deposit	Tap	0.046	15.06.1976	14	13.0	17.5	7								
2267.0	Stara cesma	Stanulovci	106, Stip	Sveti Nikole	Bregalnica, Stip 2	4638.20	7591.20	420	Paleogene deposit	Tap	0.010	15.06.1976	15	8.0	17.0	8								
2268.0	Rizevska cesma	Nemanjinci	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4644.65	7584.20	600	Andezite, dacite, tuff	Free flow	0.160	14.06.1976	9	9.0	17.0	7								
2269.0	Staro selo	Nemanjinci	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4642.85	7583.65	480	Andezite, dacite, tuff	Tap	0.079	14.06.1976	10	12.0	17.0	7								
2270.0	Sasevec	Nemanjinci	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4642.05	7583.70	420	Andezite, dacite, tuff	Tap	0.085	14.06.1976	11	12.0	17.0	7								
2271.0	Gurinac	Nemanjinci	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4639.65	7584.10	400	Paleogene deposit	Tap	0.057	14.06.1976	13	13.0	17.5	8								
2272.0	Kladenci	Erdjelija	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4631.70	7586.35	240	Diluvium total	Free flow	1.000	13.07.1965	16	16.0	29.0	-	22.06.1976	8	12.5	17.0	7	2.500		
2273.0	Selska cesma	Bogoslovec	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4626.00	7585.45	545	Diluvium total	Tap	0.120	21.06.1976	11	12.0	16.5	8								
2274.0	Gelevica	Bogoslovec	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4625.60	7586.35	540	Diluvium total	Free flow	0.050	21.06.1976	11	13.0	16.5	7								
2275.0	Kladenec	Bogoslovec	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4626.00	7584.35	460	Diluvium total	Free flow	0.070	21.06.1976	15	12.0	17.0	8								
2276.0	Glava	Delisinci	106, Stip	Sveti Nikole	Bregalnica, Stip 1	4626.75	7583.65	270	Diluvium total	Total captured	-	21.06.1976	15	12.5	17.0	8								
2277.0	Selska cesma	Adjimakovo	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4629.15	7578.70	275	Neogene sediment	Tap	0.350	17.06.1976	16	11.0	17.0	7								
2278.0	Selska cesma	Adjimakovo	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4628.65	7578.75	275	Neogene sediment	Tap	0.100	17.06.1976	17	14.0	17.0	7								
2279.0	Cesma na sred selo	Saramzalino	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4627.70	7578.85	285	Alluvium	Tap	0.080	17.06.1976	19	14.0	16.5	7								
2280.0	Selska cesma	Saramzalino	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4627.75	7578.75	280	Alluvium	Tap	0.630	17.06.1976	18	14.0	16.5	8								
2281.0	Svetonedelsko klad	Saramzalino	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4627.95	7579.10	280	Alluvium	Free flow	0.0815	17.06.1976	19	14.5	16.5	7								
2282.0	Izvor	Guzemci	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4632.25	7572.25	440	Neogene sediment	Total captured	4.000	19.06.1965	10	16.0	27.0	-	25.06.1976	11	-	-	-	-		
2283.0	Cesma	Guzemci	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4632.35	7573.55	380	Neogene sediment	Tap	0.255	10.06.1976	16	11.0	17.0	7								
2284.0	Ciflicka cesma	Guzemci	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4631.85	7573.10	380	Neogene sediment	Tap	0.270	10.06.1976	17	12.0	16.0	8								
2285.0	Izvor vo mesnost T	Guzemci	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4631.50	7573.20	370	Neogene sediment	Total captured	2.000	19.06.1965	11	13.0	27.0	-	25.06.1976	11	-	-	-	-		
2286.0	Skolska cesma	Guzemci	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4631.90	7573.30	350	Neogene sediment	Tap	0.500	10.06.1976	17	11.0	17.0	7								
2287.0	Djamiska cesma	Milino	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4629.40	7572.45	360	Neogene sediment	Tap	0.200	11.06.1976	10	12.0	18.0	7								
2288.0	Selska cesma	Milino	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4629.35	7572.75	340	Neogene sediment	Tap	0.042	11.06.1976	10	11.0	17.5	7								
2289.0	Mandra	Durfulija	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4626.60	7574.75	280	Alluvium	Tap	0.200	18.06.1976	9	14.0	17.0	8								
2290.0	Golema cesma	Durfulija	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4626.60	7585.20	280	Alluvium	Tap	0.890	18.06.1976	9	14.0	17.0	8								
2291.0	Cetiri kuki	Karat Manovo	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4625.70	7571.30	330	Alluvium	Total captured	-	18.06.1976	12	14.0	17.5	8								
2291.1	Kaptiran izvor	Durfulija	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4623.80	7573.20	308	Alluvium	Total captured	0.500	24.06.1975	-	-	-	-								
2292.0	Cesma	Koselari	78, Lozovo	Sveti Nikole	Bregalnica, Stip 3	4621.25	7577.30	550	Neogene sediment	Tap	0.030	19.06.1976	8	13.0	16.0	7								
2293.0	Dolna cesma	Koselari	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4624.80	7578.80	260	Alluvium	Tap	0.160	19.06.1976	6	14.0	16.0	8								
2294.0	Izvor	Koselari	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4625.25	7577.30	245	Alluvium	Tap	0.390	18.06.1976	18	14.0	16.0	8								
2295.0	Glava	Adjibegovo	78, Lozovo	Sveti Nikole	Bregalnica, Stip 1	4625.00	7583.15	300	Alluvium	Total captured	-	21.06.1976	19	14.0	16.5	8								
2296.0	Uckori	Kisino	78, Lozovo	Sveti Nikole	Bregalnica, Stip 3	4619.00	7576.20	470	Neogene sediment	Total captured	-	19.06.1976	11	14.0	17.0	8								
2297.0	Dolna cesma	Kisino	78, Lozovo	Sveti Nikole	Bregalnica, Stip 3	4618.55	7576																	