

## Lokalizácia vzoriek a výsledky terénnych meraní

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
1/1		-430227.00	-1302263.00	Ipeľské Predmostie - č.d. 231, 500m VJV od K129	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	13	6.9	790	3.8	0.4	1.9
2/1		-429760.00	-1303036.00	Ipeľské Predmostie - č.d. 48, 2100m JZ od K132	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	13.2	7.7	1200	7	0.8	5.4
3/1		-429612.00	-1302574.00	Ipeľské Predmostie - č.d. 1, 1700m JZ od K132	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	13	7.4	1170	4.9	0.8	4.1
4/1	vrt4	-429057.60	-1302271.00	Ipeľské Predmostie	vrt	Némethyová et al., 1991	29-VIII-90		7.3	1740			6
5/1	1	-428920.20	-1296588.00	Kleňany	prameň	Dobrovoda et al., 1993	25-XI-92	11	7.5	304		0.24	3.07
5/2	1	-428920.20	-1296588.00	Kleňany	prameň	Dobrovoda et al., 1993	07-VIII-92		7	328		0.25	3.1
6/1	2	-428790.30	-1296520.00	Kleňany	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	09-VIII-06	16.2	8.24	625	5.7	0	5.9
7/1		-428614.00	-1296466.00	Kleňany, dom č. 54 na hornom konci, 1000 m od k-450 (Povojná)	prameň	IPREG - orientačný prieskum ŽP	12-X-05	12.5	6.6	533	2.9	1.4	4.2
8/1		-428485.00	-1296570.00	Kleňany - č.d. 84, 1000m VSV od K320	studňa	Geochemický Atlas SR - časť podzemné vody	29-VII-93	11.5	7	1700	3	2.75	11.3
9/1	5	-428165.90	-1298541.00	Sečianky, 1700m SSZ od K150	prameň	Geochemický Atlas SR - časť podzemné vody	03-VIII-93	11.7	7.45	720	3	1.05	8.6
9/2	5	-428165.90	-1298541.00	Sečianky, 1700m SSZ od K150	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	09-VIII-06	21.1	7.09	828	5.6	0.5	7.5
10/1		-428129.00	-1301159.00	Veľká Ves nad Ipľom - č.d. 123, 400m SV od K132	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	13	7.2	1270	2.5	0.9	3.4
11/1	6	-428124.10	-1298113.00	Sečianky	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	09-VIII-06	17.2	7.14	885	4.8	0.4	6.3
12/1		-427997.00	-1296989.00	Kleňany, 1300m Z od K230	vrt	Geochemický Atlas SR - časť podzemné vody	27-VII-94	14.1	7.21	841	5.6	0.65	7.9
13/1		-427790.00	-1301589.00	Veľká Ves nad Ipľom, 600m VJV od K132	studňa	Geochemický Atlas SR - časť podzemné vody	03-VIII-93	14	7.5	1200	4.5	1	8.6
14/1		-427694.80	-1299714.00	Sečianky	prameň	Dobrovoda et al., 1993	06-VIII-92	18.5	7.8	756		0.4	7.45
15/1		-427644.00	-1299417.00	Sečianky - č.d. 190, 800m SSZ od K150	studňa	Geochemický Atlas SR - časť podzemné vody	03-VIII-93	11.5	7.5	660	6.8	0.85	7.8
16/1	vrt11	-427374.10	-1299811.00	Sečianky	vrt	Šarlayová - Hlavatý, 1997	28-IV-97		7.3	691	5.16	3.8	6.6
16/2	vrt11	-427374.10	-1299811.00	Sečianky	vrt	Šarlayová - Hlavatý, 1997	12-V-97		7.25	746	1.83	0.38	6.8
16/3	vrt11	-427374.10	-1299811.00	Sečianky	vrt	Šarlayová - Hlavatý, 1997	19-V-97		7.2	736	4.64	0.66	6.53
17/1	vrt15	-427305.70	-1295925.00	Vinica	vrt	Dobrovoda et al., 1993	02-XII-92	11.4	7.6	884		0.41	4.16

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
18/1	vrt18	-427143.40	-1296199.00	Vinica	vrt	Dobrovoda et al., 1993	02-XII-92	11.3	7.4	1301		0.66	9.01
19/1	9	-427079.00	-1300743.00	Veľká Ves nad Ipľom - prameň Čurgo, 700 m JV od K150	prameň	Dobrovoda et al., 1993	25-XI-92	11	7.2	719		1.22	6.68
19/2	9	-427079.00	-1300743.00	Veľká Ves nad Ipľom - prameň Čurgo, 700 m JV od K150	prameň	Dobrovoda et al., 1993	04-VIII-92	20	7.1	721		0.62	6.75
19/3	9	-427079.00	-1300743.00	Veľká Ves nad Ipľom - prameň Čurgo, 700 m JV od K150	prameň	Geochemický Atlas SR - časť podzemné vody	03-VIII-93	11.7	7.4	639	2	1.15	8.2
19/4	9	-427079.00	-1300743.00	Veľká Ves nad Ipľom - prameň Čurgo, 700 m JV od K150	prameň	IPREG - orientačný prieskum ŽP	10-X-05	12	6.98	890	2.3	1.2	6.5
19/5	9	-427079.00	-1300743.00	Veľká Ves nad Ipľom - prameň Čurgo, 700 m JV od K150	prameň	národný monitoring SHMÚ	21-XI-04	11	7.04	860	3.2	0.6	7.2
19/6	9	-427079.00	-1300743.00	Veľká Ves nad Ipľom - prameň Čurgo, 700 m JV od K150	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	09-VIII-06	16.3	7.03	911	2.5	0.9	6.9
20/1	vrt20	-426665.40	-1296493.00	Vinica	vrt	Dobrovoda et al., 1993	01-XII-92	11.3	8.7	680		0	1.88
21/1		-426091.50	-1300639.00	Sečianky	prameň	Dobrovoda et al., 1993	04-VIII-92	18.5	7.2	933		0.65	7.8
21/2		-426091.50	-1300639.00	Sečianky	prameň	Dobrovoda et al., 1993	25-XI-92	12	7.2	923		0.76	7.94
22/1		-426042.00	-1294734.00	Vinica, 400m SSV od K189	studňa	Geochemický Atlas SR - časť podzemné vody	27-VII-94	12.1	7.83	525	2.5	0.38	6.3
23/1	vrt22	-425744.70	-1297560.00	Vinica	vrt	Dobrovoda et al., 1993	02-XII-92	11.7	7.5	580		0.38	5.54
23/2	vrt22	-425744.70	-1297560.00	Vinica	vrt	Dobrovoda et al., 1993	30-X-89	12	7.6	689		1.25	7.2
23/3	vrt22	-425744.70	-1297560.00	Vinica	vrt	Dobrovoda et al., 1993	07-XI-89	12	7.5	754		1.72	8.1
24/1	vrt23	-425672.30	-1298636.00	Vinica	vrt	Dobrovoda et al., 1993	02-XII-92	11.3	7.4	798		0.79	8.71
25/1		-425324.00	-1296604.00	Vinica - č.d. 357, 600m JJV od K135	studňa	Geochemický Atlas SR - časť podzemné vody	03-VIII-93	13	7.45	1200	3.8	1.4	10.8
26/1		-425235.20	-1296616.00	Vinica	prameň	Dobrovoda et al., 1993	05-VIII-92	18	7.1	887		0.8	7.65
26/2		-425235.20	-1296616.00	Vinica	prameň	Dobrovoda et al., 1993	25-XI-92	12	7.2	881		0.87	7.34
27/1		-425005.00	-1301257.00	Balog - č.d. 286, 1500m SV od K131	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	13	7.35	785	6.1	1	6.9
28/1		-424858.00	-1297593.00	Vinica, 1400m SV od K178	studňa	Geochemický Atlas SR - časť podzemné vody	27-VII-94	11.9	7.21	999	1.4	0.6	7.4
29/1	vrt28	-424648.80	-1300860.00	Sečianky	vrt	Dobrovoda et al., 1993	03-XII-92	11.3	7.5	553		0.36	5.69
29/2	vrt28	-424648.80	-1300860.00	Sečianky	vrt	Dobrovoda et al., 1993	14-III-89	12	7.35	650	7.96	0.8	5.6

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29/3	vrt28	-424648.80	-1300860.00	Sečianky	vrt	Dobrovoda et al., 1993	22-III-89	12	7.35	671		0.9	5.8
30/1	vrt30	-424557.70	-1298748.00	Vinica	vrt	Dobrovoda et al., 1993	01-XII-92	11.5	8	657		0.15	4.16
31/1	vrt31	-424465.70	-1299376.00	Vinica	vrt	Dobrovoda et al., 1993	01-XII-92	11.6	7.6	566		0.52	6.39
32/1	13	-424428.00	-1301006.00	Balog nad Ipľom	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	09-VIII-06	12.6	7.2	844	6.8	0.6	4.9
33/1		-424308.00	-1300960.00	Balog nad Ipľom, 2750 m JZ od k-214 (Starý vrch)	prameň	IPREG - orientačný prieskum ŽP	12-X-05	12.5	7.64	1013	9.4	0.5	5.6
34/1	vrt34	-424168.00	-1299118.00	Vinica	vrt	Dobrovoda et al., 1993	01-XII-92	11.3	7.4	208		0.12	1.83
35/1		-424072.00	-1297001.00	Vinica - č.d. 732, 300m Z od K189	vrt	Geochemický Atlas SR - časť podzemné vody	23-VIII-93	12.8	7.2	350	7.7	1.8	5.6
36/1		-424000.00	-1301321.00	Balog - č.d. 2, 1200m SZ od K133	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	13	7.2	830	5.7	1.2	7.9
37/1	vrt38	-423845.90	-1298748.00	Dolinka	vrt	Dobrovoda et al., 1993	01-XII-92	11.5	7.4	725		0.68	6.48
37/10	vrt38	-423845.90	-1298748.00	Dolinka	vrt	Dobrovoda et al., 1993	11-V-89		7	715		1.27	6.55
37/11	vrt38	-423845.90	-1298748.00	Dolinka	vrt	Dobrovoda et al., 1993	04-X-89	12	7.6	777		1.8	6.8
37/2	vrt38	-423845.90	-1298748.00	Dolinka	vrt	Dobrovoda et al., 1993	27-VIII-89	12	6.9	705		1.32	6.8
37/3	vrt38	-423845.90	-1298748.00	Dolinka	vrt	Dobrovoda et al., 1993	28-VI-89		6.9	841		1.52	6.9
37/4	vrt38	-423845.90	-1298748.00	Dolinka	vrt	Dobrovoda et al., 1993	20-IX-89	12	7	742		1.11	6.85
37/5	vrt38	-423845.90	-1298748.00	Dolinka	vrt	Dobrovoda et al., 1993	14-VI-89	14	6.9	720		1.13	6.8
37/6	vrt38	-423845.90	-1298748.00	Dolinka	vrt	Dobrovoda et al., 1993	17-V-89	12	6.9	890		0.88	6.65
37/7	vrt38	-423845.90	-1298748.00	Dolinka	vrt	Dobrovoda et al., 1993	11-IV-89	12	7	726		0.79	6.3
37/8	vrt38	-423845.90	-1298748.00	Dolinka	vrt	Dobrovoda et al., 1993	25-IV-89	12	7	707		0.79	6.15
37/9	vrt38	-423845.90	-1298748.00	Dolinka	vrt	Dobrovoda et al., 1993	16-V-89		6.9	725		1.26	6.45
38/1		-423682.00	-1301704.00	Balog - č.d. 101, 750m SZ od K133	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	13	7.1	940	5.8	1.15	6.9
39/1	vrt41	-423642.40	-1300422.00	Vinica	vrt	Dobrovoda et al., 1993	03-XII-92	11.5	7.5	517		0.32	4.95
40/1	vrt42	-423618.40	-1301293.00	Balog nad Ipľom	vrt	Némethyová et al., 1991	16-X-90	11	6.65	1200			15.4

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40/2	vrt42	-423618.40	-1301293.00	Balog nad Ipľom	vrt	Némethyová et al., 1991	17-X-90	11	6.6	1205			15.2
40/3	vrt42	-423618.40	-1301293.00	Balog nad Ipľom	vrt	Némethyová et al., 1991	23-X-90	11	6.45	1200			15
40/4	vrt42	-423618.40	-1301293.00	Balog nad Ipľom	vrt	Némethyová et al., 1991	24-X-90	11	6.55	1160			14.6
40/5	vrt42	-423618.40	-1301293.00	Balog nad Ipľom	vrt	Némethyová et al., 1991	30-X-90	11	6.6	920			11.8
41/1	vrt43	-423460.90	-1301392.00	Balog nad Ipľom	vrt	Dobrovoda et al., 1993	03-XII-92	11.4	7.4	643		0.31	5.3
42/1	vrt44	-423368.50	-1298698.00	Dolinka	vrt	Dobrovoda et al., 1993	11-IV-89	12	6.8	926		1.6	7.5
42/10	vrt44	-423368.50	-1298698.00	Dolinka	vrt	Dobrovoda et al., 1993	09-V-89		6.8	992		1.72	7.65
42/11	vrt44	-423368.50	-1298698.00	Dolinka	vrt	Dobrovoda et al., 1993	28-IV-89		6.8	948		1.57	7.7
42/2	vrt44	-423368.50	-1298698.00	Dolinka	vrt	Dobrovoda et al., 1993	04-X-89	12	7.5	939		2.65	7.75
42/3	vrt44	-423368.50	-1298698.00	Dolinka	vrt	Dobrovoda et al., 1993	20-IX-89	12	7	930		1.37	7.85
42/4	vrt44	-423368.50	-1298698.00	Dolinka	vrt	Dobrovoda et al., 1993	14-VI-89	14	6.9	931		1.91	7.8
42/5	vrt44	-423368.50	-1298698.00	Dolinka	vrt	Dobrovoda et al., 1993	17-V-89	12	6.9	1026		1	7.85
42/6	vrt44	-423368.50	-1298698.00	Dolinka	vrt	Dobrovoda et al., 1993	27-VIII-89	12	6.8	917		1.6	7.7
42/7	vrt44	-423368.50	-1298698.00	Dolinka	vrt	Dobrovoda et al., 1993	28-VI-89		6.9	1008		1.6	7.9
42/8	vrt44	-423368.50	-1298698.00	Dolinka	vrt	Dobrovoda et al., 1993	02-XII-92	11.7	7.2	852		0.73	7.52
42/9	vrt44	-423368.50	-1298698.00	Dolinka	vrt	Dobrovoda et al., 1993	05-IV-89	12	6.8	960		1.67	7.5
43/1	vrt45	-423169.50	-1299149.00	Dolinka	vrt	Dobrovoda et al., 1993	02-XII-92	11.3	7.4	748		0.61	6.43
43/10	vrt45	-423169.50	-1299149.00	Dolinka	vrt	Dobrovoda et al., 1993	28-IV-89		6.8	793		1.88	7.75
43/11	vrt45	-423169.50	-1299149.00	Dolinka	vrt	Dobrovoda et al., 1993	14-VI-89	14	6.9	801		1.64	7.95
43/2	vrt45	-423169.50	-1299149.00	Dolinka	vrt	Dobrovoda et al., 1993	05-IV-89	12	6.8	783		1.23	7.5
43/3	vrt45	-423169.50	-1299149.00	Dolinka	vrt	Dobrovoda et al., 1993	09-V-89		6.9	834		1.56	7.7
43/4	vrt45	-423169.50	-1299149.00	Dolinka	vrt	Dobrovoda et al., 1993	11-IV-89	12	6.8	787		1.28	7.5

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43/5	vrt45	-423169.50	-1299149.00	Dolinka	vrt	Dobrovoda et al., 1993	28-VI-89		6.8	954		1.37	7.85
43/6	vrt45	-423169.50	-1299149.00	Dolinka	vrt	Dobrovoda et al., 1993	03-X-89	12	7.6	857		1.4	7.55
43/7	vrt45	-423169.50	-1299149.00	Dolinka	vrt	Dobrovoda et al., 1993	20-IX-89	12	6.9	832		1.8	7.65
43/8	vrt45	-423169.50	-1299149.00	Dolinka	vrt	Dobrovoda et al., 1993	17-V-89	12	6.9	837		1.3	7.85
43/9	vrt45	-423169.50	-1299149.00	Dolinka	vrt	Dobrovoda et al., 1993	28-VIII-89		7	807		1.41	7.65
44/1	vrt46	-423146.40	-1299630.00	Dolinka	vrt	Dobrovoda et al., 1993	17-V-89	12	6.9	585		1.28	6.5
44/10	vrt46	-423146.40	-1299630.00	Dolinka	vrt	Dobrovoda et al., 1993	20-IX-89	12	7.1	546		0.79	6
44/11	vrt46	-423146.40	-1299630.00	Dolinka	vrt	Dobrovoda et al., 1993	09-V-89		7	571		0.98	6.45
44/2	vrt46	-423146.40	-1299630.00	Dolinka	vrt	Dobrovoda et al., 1993	28-VIII-89	12	7	569		1.02	6.05
44/3	vrt46	-423146.40	-1299630.00	Dolinka	vrt	Dobrovoda et al., 1993	28-IV-89		7.1	560		0.86	6.55
44/4	vrt46	-423146.40	-1299630.00	Dolinka	vrt	Dobrovoda et al., 1993	14-VI-89	14	6.9	549		1.02	6.45
44/5	vrt46	-423146.40	-1299630.00	Dolinka	vrt	Dobrovoda et al., 1993	11-IV-89	12	6.9	556		0.92	6.75
44/6	vrt46	-423146.40	-1299630.00	Dolinka	vrt	Dobrovoda et al., 1993	02-XII-92	11.2	7.3	562		0.66	6.53
44/7	vrt46	-423146.40	-1299630.00	Dolinka	vrt	Dobrovoda et al., 1993	05-IV-89	12	6.9	547		0.77	6.55
44/8	vrt46	-423146.40	-1299630.00	Dolinka	vrt	Dobrovoda et al., 1993	28-VI-89		7	648		1.04	6.4
44/9	vrt46	-423146.40	-1299630.00	Dolinka	vrt	Dobrovoda et al., 1993	03-X-89	12	8.2	369		1.55	5.9
45/1	16	-423093.40	-1297266.00	Vinica	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	09-VIII-06	17.2	8.09	1097	8.6	0.2	7
46/1	17	-423002.10	-1296556.00	Vinica	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	09-VIII-06	19.7	7.57	978	4.8	0.4	9
47/1		-422738.00	-1299806.00	Dolinka, 800m JV od K158	studňa	Geochemický Atlas SR - časť podzemné vody	27-VII-94	14.5	7.06	2040	2.3	0.95	8.4
48/1	vrt47	-422583.70	-1300753.00	Dolinka	vrt	Dobrovoda et al., 1993	03-XII-92	11.3	7.4	544		0.67	5.4
49/1		-422544.00	-1299200.00	Vinica, 700m ZSZ od K214	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	12.5	7.5	930	4	1.4	12
50/1		-422338.90	-1300142.00	Dolinka	studňa	Dobrovoda et al., 1993	16-V-89		7.3	970		0.82	4.3

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
51/1		-422292.90	-1300165.00	Dolinka	studňa	Dobrovoda et al., 1993	16-V-89		7.1	1001		0.85	4.2
52/1	vrt50	-422257.80	-1296648.00	Vinica-Leklinec	vrt	Dobrovoda et al., 1993	28-VI-89		6.8	1206		1.67	9.5
52/2	vrt50	-422257.80	-1296648.00	Vinica-Leklinec	vrt	Dobrovoda et al., 1993	17-VIII-89		6.9	1039		2.8	8.65
52/3	vrt50	-422257.80	-1296648.00	Vinica-Leklinec	vrt	Dobrovoda et al., 1993	29-VIII-89		7.1	1095		1.92	9.5
52/4	vrt50	-422257.80	-1296648.00	Vinica-Leklinec	vrt	Dobrovoda et al., 1993	14-VI-89	13	6.7	1147		1.8	9.65
52/5	vrt50	-422257.80	-1296648.00	Vinica-Leklinec	vrt	Dobrovoda et al., 1993	03-VIII-89		7.1	1400		1.77	9.05
52/6	vrt50	-422257.80	-1296648.00	Vinica-Leklinec	vrt	Dobrovoda et al., 1993	25-VIII-89		6.8	923		1.53	8.2
53/1		-422191.00	-1296742.00	Vinica, 300m JV od K206	studňa	Geochemický Atlas SR - časť podzemné vody	23-VIII-93	12	6.95	927	3.3	1.5	10.6
54/1		-422012.00	-1300229.00	Dolinka - č.d. 168, 800m J od K214	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	13	7.45	1530	4.8	1.3	11.8
55/1	19	-421870.80	-1296683.00	Vinica	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	09-VIII-06	17.8	7.62	1328	7.1	0.1	10.4
56/1		-421715.00	-1294752.00	Ďurkovce - č.d. 89, 1000m JJZ od K195	studňa	Geochemický Atlas SR - časť podzemné vody	23-VIII-93	11.5	6.9	1830	3.5	3.3	12.4
57/1		-421598.00	-1293505.00	Ďurkovce - č.d. 91, 600m SZ od K195	studňa	Geochemický Atlas SR - časť podzemné vody	23-VIII-93	11.5	7.05	632	5.3	1.4	7
58/1		-421414.00	-1301954.00	Kosihy nad Ipľom - č.d. 125, 1700m VSV od K133	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	11	7.45	1950	1.7	1.3	11.6
59/1		-421204.00	-1292970.00	Širákov, 1250m VJV od K463	studňa	Geochemický Atlas SR - časť podzemné vody	23-VIII-93	12.8	7.2	784	5.3	1.7	9
60/1	vrt59	-421118.70	-1301835.00	Kosihy nad Ipľom	vrt	Kertész et al., 1986	18-IX-85	12.7	7.6	937		0.22	6.8
61/1		-420939.00	-1301442.00	Kosihy nad Ipľom - č.d. 45, 1500m ZSZ od K142	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	11	7.45	720	6.3	1.2	8
62/1		-420889.00	-1301958.00	Kosihy nad Ipľom - č.d. 151, 1400m Z od K142	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	13	7.3	965	3.1	1.5	7.6
63/1		-420239.00	-1295027.00	Ďurkovce, v dedine oproti OV, 2100 m VSV od k-259 (Leklinec)	prameň	IPREG - orientačný prieskum ŽP	12-X-05	12	6.6	801	6	2.05	4.8
64/1		-419619.00	-1294027.00	Širákov - č.d. 143, 900m Z od K194	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	11.2	6.8	438	8.2	0.9	3
65/1		-419561.00	-1295679.00	Kameňné Kosihy - č.d. 102, 300m JV od K178	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	12.9	7.2	1040	2.9	1.9	9.8
66/1		-419430.00	-1292092.00	Seľany, 750m V od K284	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	12	7.2	820	7.6	1.5	8.8
67/1	vrt70	-419350.50	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	09-X-85	12	7.05	542		0.82	5.1

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
67/10	vrt70	-419350.50	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	03-X-85	12	7.1	639		0.62	6
67/11	vrt70	-419350.50	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	25-IX-85		7.35	523		0.26	5.3
67/2	vrt70	-419350.50	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	17-X-85	12	7.3	568	4.44	0.8	5.4
67/3	vrt70	-419350.50	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	22-X-85	12	7.7	542	3.2	0.32	6.6
67/4	vrt70	-419350.50	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	14-XI-85	11	7.4	621	1.18	0.85	6.8
67/5	vrt70	-419350.50	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	20-XI-85	12	7.25	663	2.08	0.62	7
67/6	vrt70	-419350.50	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	20-XI-85	12	7.15	663	4.57	0.9	7.1
67/7	vrt70	-419350.50	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	05-XII-85	12	7.2	653	16.2	0.92	7
67/8	vrt70	-419350.50	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	11-XII-85	12	7.3	674	6.14	0.9	7.1
67/9	vrt70	-419350.50	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	17-XII-85	12	7	684	5.69	0.8	7.2
68/1		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	17-X-85	12	7.7	400	9.28	0.05	0.2
68/2		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	09-X-85	12	7.55	529		0.04	0.2
68/3		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	03-X-85	12	7.95	542		0.04	0.3
68/4		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	22-X-85	12	7.85	439	5.31	0.08	0.3
69/1		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	14-XI-85	12	7.2	640	2.14	1.15	6.9
69/10		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	28-XI-85	11	7.25	705	10.84	0.86	8.1
69/11		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	05-XII-85	11	7.4	726	7.61	0.82	8.3
69/12		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	11-XII-85	11	7.6	747	10.27	0.6	8.5
69/13		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	20-XI-85	10	7.15	626	3.2	0.54	7
69/14		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	28-XI-85	11	7.45	631	6.62	0.48	7.1
69/15		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	25-IX-85		6.9	762	6.88	1.3	9
69/16		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	03-X-85	12	6.95	665		1.24	7

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
69/17		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	11-XII-85	11	7.3	642	3.29	1.1	7.2
69/18		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	17-XII-85	11	7.1	674	10.3	0.7	7.1
69/19		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	09-X-85	12	7.05	665		1.22	7.1
69/2		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	22-X-85	12	7.5	568	7.23	0.36	7
69/20		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	05-XII-85	11	7.3	674	1.4	0.88	7
69/3		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	17-X-85	12	7	710	2.68	1.45	7
69/4		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	03-X-85	12	7.3	601		0.48	6.1
69/5		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	09-X-85	12	7.25	575	9.5	0.6	6.2
69/6		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	09-X-85	12	7.2	723	8.22	1.25	7.5
69/7		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	22-X-85	12	7.3	633	9.53	0.28	7.6
69/8		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	14-XI-85	12	7.4	695	9.44	0.65	7.8
69/9		-419348.80	-1296419.00	Trebušovce	vrt	Fecek et al., 1990	20-XI-85	10	7.4	700	11.1	0.48	7.8
70/1		-419247.00	-1297355.00	Trebušovce - č.d. 116, 1750m ZSZ od K205	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	12.8	6.9	962	5	1.3	4
71/1		-419192.40	-1292749.00	Seľany	studňa	Základná HG a HGCH mapa Ipeľskej kotliny	16-VIII-06	13	6.79	1056	5.4	1.2	6.2
72/1	24	-419172.10	-1292896.00	Seľany	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	16-VIII-06	18.6	7.19	887	4.7	0.8	7.9
73/1	25	-419068.70	-1296898.00	Trebušovce	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	17-VIII-06	14.7	6.79	1125	2.8	1.1	8.4
74/1		-418915.00	-1302334.00	Veľká Čalomija - č.d. 164, 250m J od K138	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	13	7.5	1220	1.7	1.3	7.4
75/1	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	10-VII-85		7.9	581	4.03	0.33	6.5
75/10	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	20-VIII-85	12	7.6	814		0.45	8.5
75/11	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	14-VIII-85	12	7.6	697	4.67	0.4	8
75/12	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	27-VIII-85	12	7.8	811	6.43	0.4	8.3
75/13	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	11-IX-85	12	7.4	865	9.6	1	8.5



ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
75/14	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	20-VIII-85	12	7.2	710	3.1	1	8.2
75/15	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	27-VIII-85	12	7.4	739	2.08	0.75	8.2
75/16	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	11-IX-85	12	7.05	730	2.91	0.58	8.2
75/17	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	10-VII-85	12	7.7	626	8.06	0.45	7.2
75/18	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	18-VII-85	12	7.8	697	2.3	0.23	8.3
75/19	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	25-VII-85	12	7.8	762	9.72	1.22	8.3
75/2	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	18-VII-85	12	7.7	788	7.9	0.48	8.4
75/20	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	07-VIII-85	12	7.6	710	4.99	0.33	8.3
75/21	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	01-VIII-85	12	7.6	723	6.59	0.9	8.2
75/22	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	14-VIII-85	12	7.4	704	1.6	0.8	8.2
75/23	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	20-VIII-85	12	7.4	710		0.7	8.3
75/24	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	27-VIII-85	12	7.4	735		0.7	8.2
75/3	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	16-IX-85		7.5	827	8.12	1.16	8.4
75/4	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	01-VIII-85		7.5	859	3.23	1	8.5
75/5	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	17-IX-85	12	7.05	840	6.49	0.84	8.4
75/6	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	11-IX-85	12	6.95	743	1.53	1.1	8.2
75/7	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	17-IX-85	12	6.95	749	9.11	1.38	8.2
75/8	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	07-VIII-85	12	7.6	788	3.42	0.35	8.4
75/9	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	14-VIII-85		7.5	801	5.6	0.5	8.4
76/1	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	10-VII-85		7.6	394	0.86	0.13	2.9
76/2	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	18-VII-85	12	7.6	413	10.29	0.19	3
77/1	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	08-VIII-85		7.1	491	10.36	0.52	4.5

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
77/2	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	01-VIII-85		7.9	465	3.8	0.35	4.4
77/3	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	07-VIII-85	12	8.1	452	10.36	0	4.6
77/4	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	14-VIII-85		7.7	458	4.7	0.2	4.6
77/5	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	20-VIII-85	12	7.6	452	4.83	0.31	4.8
77/6	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	27-VIII-85	12	7.6	465		0.35	4.6
77/7	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	11-IX-85	12	7.6	400	5.6	0.25	4
77/8	vrt76	-418863.40	-1297810.00	Trebušovce	vrt	Fecek et al., 1990	17-IX-85	12	7.7	439		0.12	4
78/1		-418796.20	-1297567.00	Trebušovce	studňa	Základná HG a HGCH mapa Ipeľskej kotliny	17-VIII-06	21.3	6.4	2660	3.3	1.5	6
79/1		-418699.00	-1294859.00	Kameňné Kosihy - na cintoríne, 800m J od K194	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	11.5	7.45	813	7	1.4	9.2
80/1	28	-418433.40	-1291672.00	Kosihovce - Seľany	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	16-VIII-06	16.6	7.62	1138	6.9	0.6	6.6
81/1		-418392.00	-1297838.00	Trebusovce, - č.d. 40, 750m SZ od K205	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	12	7.1	850	5	2	11
82/1		-418355.00	-1290050.00	Kosihovce, dom č. 90, 1900 m SV od k-456 (Benda)	prameň	IPREG - orientačný prieskum ŽP	12-X-05	12	7.21	620	8	0.65	4.6
83/1		-418308.00	-1300474.00	Veľká Čalomija, 750m SV od K155	studňa	Geochemický Atlas SR - časť podzemné vody	17-VIII-93	13	6.9	93	6.1	0.25	0.8
84/1		-418129.00	-1293028.00	Seľany - č.d. 91, 500m SSZ od K240	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	12.5	6.8	970	7.5	4.8	10.6
85/1		-417813.00	-1290309.00	Kosihovce - č.d. 18, 600m ZJZ od K284	studňa	Geochemický Atlas SR - časť podzemné vody	19-VII-93	11.2	7	1243	5.8	1.55	9.2
86/1		-417495.70	-1300701.00	Malá Čalomija	studňa	Základná HG a HGCH mapa Ipeľskej kotliny	17-VIII-06	16.3	7	845	6	1	7.9
87/1	vrt88	-417110.30	-1302061.00	Malá Čalomija	vrt	Kertész et al., 1986	18-IX-85	12.8	7.85	1395		0.3	9.4
88/1		-416990.00	-1289730.00	Kosihovce, 400m Z od K262	prameň	Geochemický Atlas SR - časť podzemné vody	19-VII-93	10.9	7.3	666	6.3	7.5	6.3
89/1		-416926.00	-1300963.00	Malá Čalomija, - č.d. 59, 1600m SSV od K138	studňa	Geochemický Atlas SR - časť podzemné vody	04-VIII-93	11.9	7.2	780	5	2.1	10.6
90/1	34	-416795.20	-1301289.00	Malá Čalomija	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	17-VIII-06	13.5	6.37	1232	7.8	1.1	7.3
91/1	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	17-IV-86	13	7.6	342	6.3	0.26	4.2
91/10	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	22-VII-86	13	7.9	421		0.1	4.4

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
91/2	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	06-IV-86	11	8	305	1.4	0.28	3.5
91/3	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	23-IV-86	13	7.6	421		0.1	4
91/4	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	08-V-86	13	7.7	400	9.4	0.2	4
91/5	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	28-V-86	13	7.7	452	5.72	0.16	4.3
91/6	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	17-VI-86	13	7.8	473	7.87	0.12	4.5
91/7	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	01-VII-86	13	7.7	505		0.2	4.5
91/8	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	24-VI-86	13	7.7	505		0.12	4.6
91/9	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	09-VII-86	13	7.9	510		0.06	4.5
92/1	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	06-IV-86	11	7.2	747	1.6	1.3	8.8
92/2	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	08-V-86		7.2	800	1.09	1	8.5
92/3	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	08-V-86		7.2	821		2	9
92/4	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	16-VI-86	13	7.4	747	5.37	1	8.9
92/5	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	17-VI-86	13	7.4	789	10.08	1.92	8.9
92/6	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	24-VI-86	13	7.3	768		1.5	8.7
92/7	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	01-VII-86		7.4	753		1.5	8.7
92/8	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	22-VII-86	13	7.5	695		0.64	7.9
92/9	vrt91	-416610.60	-1290573.00	Čebovce	vrt	Fecek et al., 1990	09-VII-86	13	7.3	758		1.15	8.4
93/1		-416072.00	-1295899.00	Opatovská Nová Ves - č.d. 224, 2000m ZSZ od K172	studňa	Geochemický Atlas SR - časť podzemné vody	01-VIII-93	11	7.2	550	8.7	0.85	4.6
94/1		-416022.00	-1293987.00	Nenince, 1400m SV od K177	studňa	Geochemický Atlas SR - časť podzemné vody	01-VIII-93	10.5	7.2	900	4.7	1.75	10
95/1	36	-416014.40	-1290690.00	Čebovce, v dedine blízko pošty, 2200 m VJV od k-442 (Kamenný vrch), prameň SHMÚ	prameň	IPREG - orientačný prieskum ŽP	12-X-05	12.5	7.1	1630	1.4	2.9	9.5
95/2	36	-416014.40	-1290690.00	Čebovce, v dedine blízko pošty, 2200 m VJV od k-442 (Kamenný vrch), prameň SHMÚ	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	09-VIII-06	16.8	6.95	1644	1	2.1	9.8
96/1		-415931.00	-1299071.00	Lesenice - č.d. 165, 900m SZ od K161	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	12.5	7.2	855	6.9	0.8	5.4

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
97/1		-415826.00	-1302957.00	Koláry - č.d. 71, 2000m VJV od K138	studňa	Geochemický Atlas SR - časť podzemné vody	04-VIII-93	12.5	7.4	2300	6.7	24.5	12.4
98/1		-415825.00	-1298504.00	Lesenice - č.d. 146, 1100m JV od K172	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	12.5	7.4	750	3.1	0.9	7.8
99/1		-415805.00	-1291928.00	Čelovce, - č.d. 1, 2200m VSV od K279	prameň	Geochemický Atlas SR - časť podzemné vody	03-VIII-93	11	6.9	439	2.6	1.55	5.6
100/1		-415538.00	-1300711.00	Chrastince - č.d. 50, 900m JZ od K144	studňa	Geochemický Atlas SR - časť podzemné vody	04-VIII-93	10.5	7.4	695	6	1	7.2
101/1		-415333.00	-1299143.00	Lesenice - č.d. 32, 800m SSV od K161	studňa	Geochemický Atlas SR - časť podzemné vody	04-VIII-93	11.2	7.8	1580	5.6	1.25	10.2
102/1		-414906.00	-1298640.00	Lesenice - č.d. 175, 1350m SSV od K161	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	12.5	7	730	7.2	1.3	7.8
103/1		-414818.00	-1288908.00	Horné Príbelce, 750m SSZ od K258	studňa	Geochemický Atlas SR - časť podzemné vody	20-VII-93	12.6	7.5	529	4.2	0.75	6.1
104/1		-414548.00	-1294643.00	Nenince, - č.d. 267, 1200m JZ od K237	studňa	Geochemický Atlas SR - časť podzemné vody	01-VIII-93	11	7.7	570	8.2	0.45	4.4
105/1		-414538.00	-1288274.00	Dolné Príbelce, 1500m JJZ od K448	prameň	Geochemický Atlas SR - časť podzemné vody	20-VII-93	11.5	7.3	514	8.7	0.95	5.7
106/1	vrt107	-414465.50	-1292919.00	Nenince	vrt	Dobrovoda et al., 1993	19-X-92		6.9	633		0.86	6.53
107/1	vrt108	-414461.50	-1292639.00	Nenince	vrt	Dobrovoda et al., 1993	12-VIII-92	11	7	648		1.5	8.24
107/2	vrt108	-414461.50	-1292639.00	Nenince	vrt	Dobrovoda et al., 1993	15-VII-92		7.1	724		0.99	6.9
108/1	vrt111	-414408.50	-1292777.00	Nenince	vrt	Dobrovoda et al., 1993	26-VIII-89	15	7	715		0.54	8.89
108/2	vrt111	-414408.50	-1292777.00	Nenince	vrt	Dobrovoda et al., 1993	14-VII-92		6.9	690		0.9	6.95
108/3	vrt111	-414408.50	-1292777.00	Nenince	vrt	Dobrovoda et al., 1993	29-VII-92		7	739		0.76	6.95
109/1	38	-414335.40	-1290301.00	Príbelce	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	16-VIII-06	17	7.95	1149	8.4	0.6	8
110/1		-414085.00	-1299837.00	Slovenské Ďarmoty, 800m SV od K144	studňa	Geochemický Atlas SR - časť podzemné vody	04-VIII-93	11.5	7.4	1250	3.7	1.3	9.8
111/1		-413479.90	-1294631.00	Nenince	studňa	Základná HG a HGCH mapa Ipeľskej kotliny	17-VIII-06	14.3	6	1938	4.5	1.1	11.9
112/1		-413470.70	-1292183.00	Horné Príbelce, 1500m S od K237	prameň	Geochemický Atlas SR - časť podzemné vody	20-VII-93	11	7	1360	0.9	2.45	10.4
113/1		-413346.00	-1289199.00	Dolné Príbelce - č.d. 222, 900m ZSZ od K282	studňa	Geochemický Atlas SR - časť podzemné vody	20-VII-93	15.1	7.5	739	8.9	0.8	7.6
114/1		-413251.00	-1296031.00	Bátorova - č.d. 71, 1400m SSZ od K157	studňa	Geochemický Atlas SR - časť podzemné vody	04-VIII-93	11.1	7.4	1180	3.3	1.7	10.8
115/1		-413247.00	-1294401.00	Nenince, 1000m JV od K237	studňa	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	9.7	7.1	970	5.5	1.9	10.6

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
116/1	vrt126	-413178.10	-1297760.00	Opatovská Nová Ves	vrt	Kertész et al., 1986	18-IX-85	13	7.55	1266		0.28	9.5
116/2	vrt126	-413178.10	-1297760.00	Opatovská Nová Ves	vrt	Kertész et al., 1986	18-IX-85	13.1	7.55	1240		0.26	8.3
117/1	44	-413173.90	-1289043.00	Dolné Príbelce	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	16-VIII-06	17.1	6.42	956	3.8	2.3	8.9
118/1		-413075.00	-1300809.00	Slovenské Ďarmoty - č.d. 202, 1200m ZJZ od K235	studňa	Geochemický Atlas SR - časť podzemné vody	01-VIII-93	12.6	7.6	1900	6.5	1.2	11.1
119/1		-412964.00	-1298514.00	Opatovská Nová Ves - č.d. 8, 400m SSV od K154	studňa	Geochemický Atlas SR - časť podzemné vody	01-VIII-93	10.7	7.6	1540	7.7	1.1	9.6
120/1		-412789.00	-1293674.00	Nenince, 1000m V od K237	studňa	Geochemický Atlas SR - časť podzemné vody	01-VIII-93	11.5	7.3	990	6.3	1.9	12.2
121/1		-412738.00	-1299762.00	Slovenské Ďarmoty - č.d. 153, 400m JV odK150	studňa	Geochemický Atlas SR - časť podzemné vody	01-VIII-93	11.5	7.3	1900	5.5	1.7	10.8
122/1		-412370.00	-1290960.00	Dolné Príbelce, 1200m Z od K248	studňa	Geochemický Atlas SR - časť podzemné vody	20-VII-93	10	7.8	740	0.7	0.5	7.1
123/1		-412159.00	-1300852.00	Slovenské Ďarmoty - č.d. 79, 500m JJZ odK235	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	12	7	1290	1.9	2.5	12.4
124/1		-412086.00	-1287424.00	Dolné Plachtince, 1000m JJZ od K308	studňa	Geochemický Atlas SR - časť podzemné vody	27-VII-93	12.2	7.4	1200	1.5	1.05	7.7
125/1	49	-411742.00	-1299897.00	Slovenské Ďarmoty - Ceriny, 650 m SV od k-235 (Biely vrch)	prameň	IPREG - orientačný prieskum ŽP	11-X-05	7.8	7.8	1280	9.7	3.5	10.7
125/2	49	-411742.00	-1299897.00	Slovenské Ďarmoty - Ceriny, 650 m SV od k-235 (Biely vrch)	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	17-VIII-06	18.5	7.18	1334	6.7	0.4	10.7
126/1	51	-411562.00	-1298582.00	Záhorce, 1200m JV od K288	prameň	Geochemický Atlas SR - časť podzemné vody	01-VIII-93	12	7	1090	0.7	2.85	13
127/1		-411446.00	-1286176.00	Stredné Plachtince, 500m SV od K308	studňa	Geochemický Atlas SR - časť podzemné vody	22-VII-93	12.3	6.8	677	2.2	1.7	5.3
128/1		-411430.00	-1292678.00	Šakalovo, 1100m S od K268	studňa	Geochemický Atlas SR - časť podzemné vody	20-VII-93	12.5	7.7	890	4.2	0.65	7.4
129/1		-411355.00	-1299909.00	Slovenské Ďarmoty, 300m S od K142	studňa	Geochemický Atlas SR - časť podzemné vody	01-VIII-93	10.5	7.5	1250	6	1.45	10.8
130/1		-411060.00	-1286143.00	Stredné Plachtince, 800m SV od K308	studňa	Geochemický Atlas SR - časť podzemné vody	27-VII-93	13.2	7.3	1040	1.8	1.8	8.8
131/1		-410926.80	-1295321.00	Bátorová priehrada	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	17-VIII-06	23	6.7	791	4.9	0.4	8
132/1		-410838.00	-1286293.00	Stredné Plachtince, 1000m VSV od K308	studňa	Geochemický Atlas SR - časť podzemné vody	22-VII-93	13.1	7.3	1295	2.3	1.35	8.8
133/1	55	-410826.60	-1288504.00	Dolné Plachtince	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	18-VIII-06	18.3	7.14	1251	4.9	0.6	11.4
134/1	58	-410085.10	-1300086.00	Záhorce	drenáž	Základná HG a HGCH mapa Ipeľskej kotliny	17-VIII-06	15.9	6.88	1876	5.7	0.6	9.3
135/1		-410008.00	-1299086.00	Záhorce, 500m ZSZ od K145	studňa	Geochemický Atlas SR - časť podzemné vody	01-VIII-93	11.7	7.5	860	2.7	1.2	9.4

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
136/1		-409947.00	-1287259.00	Dolné Plachtince, 1200m SSZ od K196	prameň	Geochemický Atlas SR - časť podzemné vody	22-VII-93	12.1	7.4	491	5.8	0.45	3.7
137/1		-409840.50	-1300787.00	Selešťany - Slovenské Ďarmoty	vrt	národný monitoring SHMÚ	14-XII-04	11.3	6.8	1040	1.1	1.95	8.2
138/1		-409766.00	-1295203.00	Želovce, 400m V od K231	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	11.3	6.8	692	1.9	1.4	4.7
139/1		-409632.00	-1288663.00	Dolné Plachtince, 3100 m J od k-517 (Ostrý vrch)	drenáž	IPREG - orientačný prieskum ŽP	12-X-05	12	7.15	1440	9	1.1	9
140/1	59	-409306.20	-1299230.00	Záhorce	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	17-VIII-06	17.1	8.16	1085	4.9	0.4	8.5
141/1		-409305.00	-1298207.00	Záhorce, 1200m S od K145	prameň	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	11.8	7.4	495	7.2	0.65	4.9
142/1	60	-409062.20	-1287963.00	Dolné Plachtince, 700m SV od K196	prameň	Geochemický Atlas SR - časť podzemné vody	22-VII-93	12	7.2	1440	5.5	1.85	10.2
143/1		-409035.00	-1291440.00	Obeckov, - č.d. 115, 50m JZ od K174	studňa	Geochemický Atlas SR - časť podzemné vody	31-VII-93	11	7.4	820	3.8	1	7
144/1		-408896.00	-1301218.00	Záhorce, 600m JJZ od K212	studňa	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	12.2	7.45	1136	6.1	1.1	12.7
145/1		-408862.00	-1292620.00	Obeckov, 1750m VSV od K262	studňa	Geochemický Atlas SR - časť podzemné vody	01-VIII-93	13	7.6	905	6.4	1	7
146/1	61	-408800.20	-1296455.00	Želovce	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	10-VIII-06	16.6	7.85	902	7.2	0.3	9.7
147/1		-408787.00	-1292519.00	Obeckov, 900m SSZ od K189	studňa	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	13.6	7.4	929	6.9	0.4	5.6
148/1	62	-408703.00	-1291832.00	Obeckov, 1100m JJZ od K212	studňa	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	10.4	7.4	1461	2.5	0.55	9.5
149/1		-408690.00	-1298520.00	Záhorce, 1600m J od K123	studňa	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	12.9	7.2	560	6.3	0.4	3.8
150/1		-408631.00	-1285306.00	Modrý Kameň, 800m SV od K517	prameň	Geochemický Atlas SR - časť podzemné vody	27-VII-93	12.2	6.8	306	6.7	0.9	3.6
151/1	vrt156	-408298.00	-1299135.00	Záhorce	vrt	Kertész et al., 1986	18-IX-85	13	7.4	1783		0.46	10.1
151/2	vrt156	-408298.00	-1299135.00	Záhorce	vrt	Kertész et al., 1986	19-IX-85	13	7.4			0.46	10.1
151/3	vrt156	-408298.00	-1299135.00	Záhorce	vrt	Kertész et al., 1986	19-IX-85	12.9	7.1	1835		1.48	11.6
152/1	vrt159	-408201.80	-1300903.00	Selešťany	vrt	Kertész et al., 1986	19-IX-85	12.7	7.45	1576		0.52	8.4
153/1		-408020.00	-1284287.00	Modrý Kameň, 2000m SSZ od K227	studňa	Geochemický Atlas SR - časť podzemné vody	12-VIII-93	11.2	7	903	4.8	2.4	7.3
154/1		-407923.00	-1287088.00	Veľký Krtíš, - č.d. 81, 700m Z od K276	studňa	Geochemický Atlas SR - časť podzemné vody	19-VIII-93	12.5	7.1	670	6.7	0.95	4.6
155/1		-407604.00	-1300459.00	Vrbovka, 1400m JZ od K213	studňa	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	12.2	7.15	1741	5.9	1.05	7.5

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
156/1		-407452.00	-1295732.00	Sklabiňa, 500m SZ od K162	studňa	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	11.7	7.4	761	9.4	0.6	5.9
157/1	66	-407451.60	-1295688.00	Preserany	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	10-VIII-06	15.4	7.57	1234	7.7	0.5	6
158/1	vrt187	-407424.40	-1288865.00	Veľký Krtíš	vrt	Šuchová - Tupý, 1988	31-V-88	13.1	7.18	757	9.6	0.55	11
158/2	vrt187	-407424.40	-1288865.00	Veľký Krtíš	vrt	Šuchová - Tupý, 1988	30-V-88	12	7.5	639	7.9	1.65	10.5
159/1	vrt188	-407422.20	-1288956.00	Veľký Krtíš	vrt	Šuchová - Tupý, 1988	05-V-88	11.5	7.92	520	7	0.35	8.3
159/2	vrt188	-407422.20	-1288956.00	Veľký Krtíš	vrt	Šuchová - Tupý, 1988	26-V-88	14.5	7.4	513	10	0.25	8.35
160/1		-407404.00	-1297086.00	Želovce, 1100m V od K123	studňa	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	12.2	7.3	1295	3.9	0.4	5.2
161/1	vrt192	-407302.90	-1289242.00	Veľký Krtíš	vrt	Šuchová - Tupý, 1988	21-VI-88	17.5	8.47	511	8.4	0.7	7.95
161/2	vrt192	-407302.90	-1289242.00	Veľký Krtíš	vrt	Šuchová - Tupý, 1988	14-VI-88	14.7	7.32	609	9.2	0.7	8.5
162/1		-407291.00	-1288171.00	Veľký Krtíš, - č.d. 8, 950m SZ od K237	studňa	Geochemický Atlas SR - časť podzemné vody	19-VIII-93	12	7.5	565	8.6	0.5	4.5
163/1		-407112.00	-1293399.00	Sklabiňa, 600m S od K162	studňa	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	16	6.75	2229	3.2	1.9	8.9
164/1		-407099.00	-1292358.00	Obeckov, 1650m JV od K212	studňa	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	12.2	7.35	1074	4.6	0.55	8.2
165/1		-407041.00	-1299509.00	Želovce, 450m JZ od K213	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	11	7	1300	4.6	1.9	10
166/1		-406899.00	-1297573.00	Želovce, 1000m JV od K160	studňa	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	16	6.85	1463	5.9	3.95	16
167/1	vrt210	-406877.30	-1288229.00	Veľký Krtíš - vodný zdroj pre Okresné riaditeľstvo PZ	vrt	Líška, 1992	16-XII-91		7	823	7.58	1.86	8.9
168/1		-406757.00	-1298245.00	Želovce - salaš, 1000m S od K213	studňa	Geochemický Atlas SR - časť podzemné vody	22-VIII-93	12	7	1337	2.8	5	15.2
169/1	vrt213	-406756.10	-1290270.00	Malý Krtíš	vrt	Kertész et al., 1986	21-IX-85	12	7.2	762		0.62	6.6
170/1		-406736.00	-1289936.00	Malý Krtíš, 1200m J od K237	studňa	Geochemický Atlas SR - časť podzemné vody	08-VIII-93	10.5	6.7	652	4.8	1.05	2.8
171/1		-406570.00	-1292335.00	Nová Ves, 1700m Z od K273	prameň	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	16	6.05	1428	2.3	23.5	19
172/1		-406525.00	-1284933.00	Modrý Kameň, 850m Z od K319	studňa	Geochemický Atlas SR - časť podzemné vody	12-VIII-93	11.8	7.45	534	9.2	0.45	6
173/1	vrt216	-406524.50	-1293778.00	Sklabiňa	vrt	Kertész et al., 1986	22-IX-85	12.1	7.6	1292		0.44	9.5
174/1	73	-406523.90	-1284840.00	Modrý Kameň	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	16-VIII-06	11.2	6.74	288	8.7	0	2.3



ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
175/1	74	-406511.60	-1289935.00	Malý Krtíš	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	17-VIII-06	16.7	7.1	956	3.9	0.6	8.1
176/1	76	-406250.60	-1297167.00	Želovce - bývalý autoservis	nerálna voda	Základná HG a HGCH mapa Ipeľskej kotliny	17-VIII-06	15.7	6.5	7770	3	18.3	0
177/1		-406104.00	-1292783.00	Nová Ves - č.d. 123, 750m SZ od K237	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	12.2	6.8	880	2.8	1.7	6.4
178/1		-406041.00	-1292134.00	Nová Ves, 1200m JV od K181	studňa	Geochemický Atlas SR - časť podzemné vody	10-VIII-93	12.3	7.15	812	5.3	0.5	4.5
179/1	80	-405949.10	-1292644.00	Nová Ves	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	10-VIII-06	16.6	7.16	618	2.5	1.3	4.1
180/1		-405908.00	-1287945.00	Veľký Krtíš, 1100m SV od K237	studňa	Geochemický Atlas SR - časť podzemné vody	09-VIII-93	12	7	901	8.7	1.6	7.7
181/1	81	-405845.90	-1288493.00	Veľký Krtíš - Duřov Dvor	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	10-VIII-06	16.2	6.98	945	4.6	0.7	7
182/1	82	-405705.70	-1291691.00	Nová Ves	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	10-VIII-06	14	7.72	1047	2.3	0.9	9.5
183/1		-405702.00	-1289523.00	Malý Krtíš - č.d. 47, 300m SV od K217	studňa	Geochemický Atlas SR - časť podzemné vody	21-VIII-93	11.5	6.7	1170	2.5	3.45	15.4
184/1		-405323.80	-1283109.00	Horné Strháre	vrt	Skaviniak, 1996	18-XI-86	17	7.7	689	1.5	0.85	8.6
185/1	86	-405262.30	-1285684.00	Selce	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	10-VIII-06	15.7	6.71	1345	1.5	1.4	10.6
186/1	87	-405243.40	-1286439.00	Veľký Krtíš	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	10-VIII-06	14.7	7.46	1491	3.6	0.6	4
187/1		-405130.00	-1296637.00	Želovce, 1000m SZ od K237	studňa	Geochemický Atlas SR - časť podzemné vody	11-VIII-93	16.9	6.85	1480	2	3.25	10.6
188/1		-405114.00	-1285805.00	Selce, 1100m SZ od K273	studňa	Geochemický Atlas SR - časť podzemné vody	19-VIII-93	13	7.9	620	3.3	0.45	5.8
189/1	90	-404867.10	-1296521.00	Želovce - SLANINSKO	nerálna voda	Základná HG a HGCH mapa Ipeľskej kotliny	17-VIII-06	12.5	6.62	7500	1.5	12.8	0
189/2	90	-404867.10	-1296521.00	Želovce - SLANINSKO	nerálna voda	IPREG - orientačný prieskum ŽP	11-X-05	12	6.85	668	5.8	28.4	102
190/1	93	-404377.90	-1287202.00	Dolina	drenáž	Základná HG a HGCH mapa Ipeľskej kotliny	16-VIII-06	19.3	5.54	172	2.6	1	0.9
191/1		-404098.00	-1284207.00	Dolné Strháre, 750m SV od K258	studňa	Geochemický Atlas SR - časť podzemné vody	12-VIII-93	11.8	7.4	934	2.8	0.45	5.5
192/1		-404072.00	-1301933.00	Vrbovka, 1500m JV od K166	studňa	Geochemický Atlas SR - časť podzemné vody	11-VIII-93	15.9	7.5	2070	4.8	0.7	9.6
193/1		-404054.00	-1292567.00	Nová Ves, 900m V od K273	prameň	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	13	6.8	910	2.4	1.4	5.8
194/1		-403882.00	-1299431.00	Kiarov, 700m JJZ od K206	studňa	Geochemický Atlas SR - časť podzemné vody	11-VIII-93	13	7.15	2900	2.6	2.05	11.2
195/1		-403845.00	-1288427.00	Veľké Straciny, 1100m Z od K265	prameň	Geochemický Atlas SR - časť podzemné vody	08-VIII-93	15	7.4	839	7.5	0.6	7.1



ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
196/1	vrt250	-403815.90	-1297747.00	Šošar	vrt	Kovács - Cesnak, 1990	23-II-88	13	7.4	1287		0.85	8.9
197/1		-403788.00	-1301449.00	Vrbovka, 800m JV od K233	studňa	Geochemický Atlas SR - časť podzemné vody	11-VIII-93	15	7.3	918	9.1	0.9	6.9
198/1		-403714.00	-1284246.00	Dolné Strháre.1000m SV od K258	studňa	Geochemický Atlas SR - časť podzemné vody	12-VIII-93	11.8	7.1	877	2.9	0.5	7.3
199/1		-403704.00	-1300104.00	Kiarov, 900m Z od K152	prameň	Geochemický Atlas SR - časť podzemné vody	11-VIII-93	12.4	8.1	844	11	0.2	7.5
200/1	97	-403624.40	-1298516.00	Kiarov - Zápač, 1200 m Z od k-287 (Vysoký vrch)	prameň	IPREG - orientačný prieskum ŽP	11-X-05	13	7.41	1035	7.7	0.7	7.2
201/1		-403478.00	-1294479.00	Olováry - č.d. 11, 500m VJV od K300	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	11.5	7.4	1140	6.5	1.6	12.4
202/1	vrt258	-403398.40	-1299522.00	Kiarov	vrt	Kertész et al., 1986	10-IX-85	12	7.05	1551		0.12	15.7
203/1		-403382.00	-1289958.00	Veľké Straciny, 1500m V od K247	studňa	Geochemický Atlas SR - časť podzemné vody	08-VIII-93	15	6.8	381	10	0.2	1.2
204/1		-403201.00	-1294245.00	Olováry, 650m JZ od K310	studňa	Geochemický Atlas SR - časť podzemné vody	12-VIII-93	10.8	7.35	1449	6.1	1.25	9.2
205/1		-402915.00	-1294646.00	Olováry - č.d. 116, 700m SSZ od K177	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	13	7.3	1500	3.8	1.5	10.4
206/1		-402688.00	-1297228.00	Olováry, 1250m VJV od K260	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	13	7.4	627	3.9	0.9	7.9
207/1		-402501.00	-1290484.00	Veľké Straciny - Rovášov vŕšok, 1200 m SSV od k-310 (Riečavina)	prameň	IPREG - orientačný prieskum ŽP	11-X-05	13	7.08	1131	5.1	1.8	9.9
208/1		-402264.00	-1288589.00	Malé Straciny, - č.d. 82, 800m J od K243	studňa	Geochemický Atlas SR - časť podzemné vody	21-VIII-93	11.5	7.5	630	5.7	0.65	6.5
209/1	vrt270	-402148.80	-1290300.00	Veľké Straciny	vrt	Antal - Roháčiková, 1992	11-XII-91	8.1	7.1	1138		4.02	13.76
210/1		-402076.00	-1299202.00	Kiarov, 1000m SV od K152	studňa	Geochemický Atlas SR - časť podzemné vody	11-VIII-93	12.2	7.25	1750	2.8	1.5	10.2
211/1	vrt272	-401858.00	-1285971.00	Pôtor	vrt	Kertész et al., 1986	20-IX-85	12.3	7.55			0.54	8.5
212/1	106	-401730.70	-1290223.00	M. Zlievce - M. Straciny	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	09-VIII-06	17.5	7.55	974	8.7	0.2	6.3
213/1		-401601.00	-1298457.00	Kiarov, 1300m VSV od K237	studňa	Geochemický Atlas SR - časť podzemné vody	11-VIII-93	12.7	7.25	1785	3	1.95	9.7
214/1	116	-400989.20	-1291973.00	Malé Zlievce	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	09-VIII-06	18.1	6.7	1034	4.5	1.4	7
215/1		-400864.00	-1293562.00	Olováry, 1900m VSV od K310	studňa	Geochemický Atlas SR - časť podzemné vody	12-VIII-93	17	7.25	1395	4.8	0.85	8.5
216/1	121	-400725.50	-1296138.00	Zombor	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	10-VIII-06	16.5	7.34	1263	7.4	0.7	8.9
217/1		-400664.00	-1300580.00	Kováčovce, 600m JJZ od K266	studňa	Geochemický Atlas SR - časť podzemné vody	11-VIII-93	14	7.3	1476	4.1	1.65	7.2

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
218/1		-400616.00	-1296450.00	Zombor - pramenište nad dedinou, 1900 m ZJZ od k-191 (Staré dymiská)	prameň	IPREG - orientačný prieskum ŽP	11-X-05	10.3	7.5	1580	5.1	0.9	11.3
219/1		-400598.00	-1296618.00	Zombor, 600m SZ od K229	studňa	Geochemický Atlas SR - časť podzemné vody	12-VIII-93	11.8	7	2060	2.1	1.75	9.2
220/1	123	-400375.60	-1290822.00	Malé Zlievce - Dobrová	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	08-VIII-06	18.7	7.61	120	6.1	0.3	11.6
221/1		-400304.00	-1291770.00	Malé Zlievce - č.d. 2, 1150m ZSZ od K171	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	13	8.2	1130	9	0.3	6.8
222/1	124	-400131.50	-1296588.00	Zombor	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	10-VIII-06	18.3	7.44	2100	1.4	1.9	12.8
223/1		-400113.00	-1301841.00	Kováčovce, 1750m JJV od K266	studňa	Geochemický Atlas SR - časť podzemné vody	11-VIII-93	12.2	7.6	1399	5.6	1	8.9
224/1		-400053.00	-1301194.00	Kováčovce, 1100m JV od K266	studňa	Geochemický Atlas SR - časť podzemné vody	11-VIII-93	13	7.4	1129	6.8	1	7.2
225/1		-399603.00	-1288053.00	Veľké Zlievce, 500m S od K270	prameň	Geochemický Atlas SR - časť podzemné vody	21-VIII-93	12.5	7.2	910	8	1.2	8.1
226/1		-399589.00	-1287291.00	Žihľava, na konci poľa, 2200 m SZ od k-303 (Cerina)	prameň	IPREG - orientačný prieskum ŽP	11-X-05	11.5	7.4	540	7.9	0.25	2.4
227/1		-399574.00	-1294323.00	Glabušovce - č.d. 45, 1800m Z od K281	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	10.2	7.3	1020	1.8	1.3	10
228/1	vrt295	-399565.80	-1302007.00	Kováčovce	vrt	Šarlayová et al., 1997	25-II-97		7.25	854		0.59	2.7
228/2	vrt295	-399565.80	-1302007.00	Kováčovce	vrt	Šarlayová et al., 1997	06-III-97		7.15	850		0.6	2.5
228/3	vrt295	-399565.80	-1302007.00	Kováčovce	vrt	Šarlayová et al., 1997	12-III-97		7.25	866	4.44	0.35	2.5
229/1	vrt297	-399494.00	-1301189.00	Kováčovce	vrt	Kertész et al., 1986	20-IX-85	12.6	7.55	1253		0.1	3.8
229/2	vrt297	-399494.00	-1301189.00	Kováčovce	vrt	Kertész et al., 1986	20-IX-85	12.3	7.55			0.1	3.8
229/3	vrt297	-399494.00	-1301189.00	Kováčovce	vrt	Kertész et al., 1986	20-IX-85	12.3	7.6	1253		0.18	3.8
229/4	vrt297	-399494.00	-1301189.00	Kováčovce	vrt	národný monitoring SHMÚ	21-XI-04	13	7.36	900	5.3	0.3	4.3
230/1	130	-399411.90	-1294672.00	Glabušovce	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	10-VIII-06	17.4	7.39	1459	1.2	0.5	9.1
231/1		-399411.00	-1289192.00	Veľké Zlievce - č.d. 89, 650m JJV od K270	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	11.8	7.2	1185	4.5	1.7	9.6
232/1		-399392.00	-1289730.00	Veľké Zlievce - č.d. 32, 450m SZ od K184	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	12	7.7	855	3.2	0.9	8
233/1	133	-399115.40	-1289453.00	Veľké Zlievce V od obce, pole	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	08-VIII-06	18	7.13	1516	3.8	0.5	11.7
234/1		-399044.00	-1295423.00	Čelary, 1650m JZ od K281	studňa	Geochemický Atlas SR - časť podzemné vody	12-VIII-93	11.8	7.2	1408	6	1.8	10

ID vzor.	HG číslo	X JTSK	Y JTSK	lokality	zdroj	pôvod informácie	dátum odberu	T vody	pH	vodivosť uS/cm	O2 mg/l	ZNK8.3 mmol/l	KNK4.5 mmol/l
235/1		-399014.00	-1286560.00	Žihľava, 1100m JJV od K249	studňa	Geochemický Atlas SR - časť podzemné vody	09-VIII-93	12.9	6.4	279	4.5	1.6	3.1
236/1		-399008.00	-1296537.00	Čelary - č.d. 81, 500m SSZ od K191	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	11.5	7.1	1700	5.3	2.4	10.4
237/1		-398426.00	-1300140.00	Kováčovce, 300m JZ od K152	studňa	Geochemický Atlas SR - časť podzemné vody	11-VIII-93	14.2	7.45	1142	7.3	0.7	6.9
238/1		-398194.00	-1290571.00	Veľké Zlievce, 1100m VJV od K184	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	10	7.2	1050	4	1.5	7.6
239/1	vrt304	-397890.10	-1300136.00	Pešov	vrt	Kertész et al., 1986	20-IX-85	12.6	7.8	807		0.14	7.1
240/1		-397732.00	-1298624.00	Čelary, 550m JV od K160	studňa	Geochemický Atlas SR - časť podzemné vody	12-VIII-93	12.6	7.5	1744	5.6	1.45	15.2
241/1		-396966.00	-1296089.00	Čelary - č.d. 93, 800m J od K162	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	11.2	7.3	1100	4.7	1.6	10.2
242/1		-396767.00	-1292613.00	Bušince - č.d. 282, 350m VJV od K174	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	11	7.2	1030	2.5	1.6	9.8
243/1	140	-396244.70	-1293295.00	Bušince	nerálna voda	Základná HG a HGCH mapa Ipeľskej kotliny	10-VIII-06	19.2	6.9	8360	1.9	22.6	0
244/1		-395752.00	-1292021.00	Bušince - č.d. 95, 500m J od K163	studňa	Geochemický Atlas SR - časť podzemné vody	18-VIII-93	12	7.4	470	8	0.75	6
245/1	vrt313	-395652.30	-1293965.00	Bušince	vrt	Kertész et al., 1986	20-IX-85	12.2	7.35	1143		0.5	8.3
245/2	vrt313	-395652.30	-1293965.00	Bušince	vrt	Kertész et al., 1986	20-IX-85	12.3	7.55	1163		0.54	8.5
246/1	141	-395413.00	-1291712.00	Bušince, včelín V.obce	prameň	Základná HG a HGCH mapa Ipeľskej kotliny	08-VIII-06	20.3	7.15	1265	2.7	0.3	9.1

## Výsledky chemických analýz, 1.časť

ID ob.	ID vz.	CHSKmn	Li	Na	K	Ca	Mg	Fe	Mn	Sr	NH4	F	Cl	SO4	NO2	NO3	PO4	HCO3	SiO2	Miner.
1	1/1	2	0.004	39	24	83.37	21.16	0.011	0.605	0.46	-0.05	-0.1	63.82	101.72		218.7	0.49	67.73	24.24	651.7
2	2/1	2.72	0.002	29.2	207.5	71.34	32.1	-0.01	0.006	0.17	-0.05	-0.1	28.37	225.54		98.1	19.5	372.82	35.98	1129.8
3	3/1	5.68	-0.002	39	182.5	80	23.35	-0.01	0.032	0.18	0.08	-0.1	37.41	178.14		163.2	3	209.29	29.21	953
4	4/1	4.5	0.07	308.7	5.24	108.83	23.44	3		1.162	1.64	0.06	481	346.7		3.1		366.1	4.31	1654.6
5	5/1	0.28		8.5	3.6	50.35	10.39	0.01	0.01				6.03	21.15		10.46		186.91	51.28	378.5
5	5/2	1.2		9.4	3.95	53.11	9.12	0.02					7.09	23.08	0.04	11.35		189.02	26.19	347.1
6	6/1	1.1	-0.01	21.1	6.56	72.2	17.2	-0.007	0.007	0.31	-0.05	0.33	19.8	49.3	0.02	45	3.35	244	47.7	527
7	7/1	1.48	0.006	19.7	5.89	65.31	14.77	0.022	0.004	0.299	0.286	0.172	13.41	37.25	0.016	16.03	0.95	256.3	53.03	483.5
8	8/1	5.04	0.017	62	31.5	238.08	34.53	-0.01	0.016	0.88	-0.05	0.27	168.74	138.72		134.7	0.88	543.06	56.82	1425
9	9/1	2.08	0.038	12.9	3.7	115.83	37.45	-0.01	0.009	0.37	-0.05	0.14	19.68	54.65		-0.5	0.01	524.77	41.89	822.3
9	9/2	-0.5	0.02	11.6	2.82	109	30.3	-0.007	0.006	0.36	-0.05	0.17	20.9	59.7	0.01	15.4	0.21	458	40.7	749.3
10	10/1	1.76	0.009	64	11.1	147.49	37.21	-0.01	1.19	0.42	-0.05	0.21	102.83	200.28		318.8	0.11	117.15	17.35	1022.7
11	11/1	7.86	0.02	13	2.52	115	34.3	0.182	0.396	0.4	0.06	0.17	31.4	63	0.03	25.5	0.15	384	45.3	715.5
12	12/1	1.52	0.034	15.9	3.9	137.88	32.59	0.25	-0.005	0.41	-0.05	0.19	37.05	76.54		22.4	0.22	482.06	48.02	901.5
13	13/1	3.88	0.067	27.3	152.5	117.84	35.51	-0.01	0.205	0.27	-0.05	0.1	54.78	195.38		50.7	2.3	421.04	35.31	1102.3
14	14/1	4.24		19	3.3	120.24	35.28	0.01	0.05				26.24	50	0.11	32.21		454.27	17.43	767.7
15	15/1	1.12	0.022	13.1	1.2	98.6	28.79	-0.01	-0.005	0.33	-0.05	0.28	20.57	27.69		49.4	0.02	341.71	47.09	640.8
16	16/1	1.6		11.33	3.2	108	29.5	1.4	0.15				18.7	36.88	0.06	27.5	0.2	402.7		637.8
16	16/2	0.9		11.33	2.65	107	26.9	0.25	0.05				23.9	40.57	0.01	28.5	0.1	414.9		655.8
16	16/3	1.7		10.21	2.92	113	24.5	0.12	-0.01				25.3	42.41	0.01	28.5	0.2	398.5	12.3	645.3
17	17/1	1.16		30	7.25	96.67	52.57	0.28	0.3				81.56	203.85	0.01	0.49		253.54	5.49	735
18	18/1	6		88	3.7	144	63.58	0.03	0.13				160.99	134.62	0.03			549.33	8.8	1159
19	19/1			11.4	2.45	114.8	34.84	0.01	0.05				36.17	51.92		17.79		407.52	34.79	731.6
19	19/2	2.8		10.9	2.85	116.23	35.28	0.03	0.02				36.88	57.69		18.95		411.59	14.1	712
19	19/3	4.8	0.027	11.3	2.4	109.82	41.59	-0.01	-0.005	0.36	-0.05	0.25	36.7	45.43		6.2	0.02	300	34.63	609.8
19	19/4	0.62	0.017	11.62	2.47	116.7	36.33	0.029	0.025	0.423	-0.006	0.195	49.48	65.45	0.041	15.83	0.17	396.65	42.93	738.4
19	19/5	0.68		12	2.54	111	33.9	0.083	0.027				51.4	62.5	-0.01	24.7	0.06	439	33.3	770.4
19	19/6	-0.5	0.02	11.1	2.6	120	37.2	-0.007	0.029	0.4	-0.05	0.25	54.4	71.2	0.01	25.3	0.06	421	33.1	776.8
20	20/1	5.12		28.8	4	28.2	36.68	0.25	0.17				37.23	180.77		3	41.94	102.62	4.1	502.2
21	21/1	3.04		20.8	2.85	140.28	52.31	0.07					59.57	101.92	0.18	39.9		475.61	17.59	920.7
21	21/2	1		23.8	2.6	140.98	49.52	0.01	0.03				56.38	98.08	0.04	36.21		484.12	38.58	952.6
22	22/1	1.44	0.014	10.2	4.7	83.17	20.14	0.886	0.085	0.26	-0.05	0.13	8.69	32.59		6.8	0.07	384.43	46.2	627.5
23	23/1	1.2		18	6	91.64	21.4	0.15	0.01				21.99	32.69	0.2	31.51		338.05	21.49	595.1
23	23/2	0.4		16.9	4.8	100.2	34.05	0.329	0.234				10.99	60.37	0.024	4.1	0.02	439.34	43.38	727.7
23	23/3	0.68		16.4	6.22	92.18	49.86	0.357	0.55				8.5	56.05	0.005	1.32		494.26	22.94	755.5
24	24/1	2.24		16.6	7.38	116.81	42.79	0.09	0.27				5.67	67.31	0.01	0.58		531.22	24.19	826.6
25	25/1	4.56	0.002	42.8	152	112.22	36.48	-0.01	0.264	0.34	0.06	0.12	55.49	107.69		23.3	0.05	659.02	42.18	1242.9
26	26/1	3.76		23	10	146.29	32.85	0.02	0.16				36.88	78.85	0.71	52.1		466.46	19.29	877.2
26	26/2	2.32		26.2	8	144	36.68	0.04	0.17				38.65	94.23	1.5	64.7		447.35	34.59	915.9

ID ob.	ID vz.	CHSKmn	Li	Na	K	Ca	Mg	Fe	Mn	Sr	NH4	F	Cl	SO4	NO2	NO3	PO4	HCO3	SiO2	Miner.
27	27/1	1.28	0.017	15.6	2	113.03	35.99	-0.01	0.021	0.41	-0.05	-0.1	47.87	77.03		40	-0.01	358.79	30.34	728.9
28	28/1	1.44	0.04	22	3.8	160.32	30.64	0.887	0.084	0.35	-0.05	0.25	63.47	82.67		76.1	0.13	372.21	37.87	875.1
29	29/1	0.32		11.2	2.25	99.69	19.56	0.13	0.72		0.01		14.89	36.54		11.94		347.1	16.79	569.9
29	29/2	0.96		10.9	2.5	105.81	22.88	0.08			-0.05	0.46	21.98	51.15	0.02	30	0.42	341.7	33.43	641.3
29	29/3	0.8		11.9	2.6	107.41	22.86	0.08			-0.05	0.29	20.03	49.38	0.02	26.2	0.36	353.9	31.53	645.5
30	30/1	0.88		71	4.75	22.15	41.57	0.08	0.39		0.94		40.07	117.31		0.35		253.54	2.2	554.7
31	31/1	0.56		14.5	2.88	75.53	31.79	0.03	0.1		0.03		4.26	31.73	0.01	0.5		389.36	17.89	578.3
32	32/1	-0.5	-0.01	9.87	2.45	112	25.4	-0.007	0.012	0.31	-0.05	0.21	46.2	80	0.01	67	0.2	262	31	636.7
33	33/1	1.81	0.006	14.35	15.39	140.25	30.29	0.432	0.075	0.342	0.343	0.229	51.07	110.3	0.012	66.2	0.72	341.7	39.56	811.6
34	34/1	10		8.2	1.45	27.19	7.95	0.05	0.17		0.08		10.64	13.46	0.02	0.57		111.68	2.5	184.5
35	35/1	1.28	0.021	13.5	3.5	67.61	16.32	-0.01	-0.005	0.23	-0.05	0.22	13.65	24.77		13.1	0.45	229.43	45.54	445.1
36	36/1	1.36	0.015	13.6	1.5	153.91	19.21	-0.01	-0.005	0.29	-0.05	0.16	37.94	77.53		15.5	0.01	385.02	31.74	744.5
37	37/1	0.72		29.2	2.5	99.69	31.18	0.39	0.05		0.05		26.95	75	0.01	11.15		395.4	23.09	707.5
37	37/10	0.56		33.2	3.3	114.23	32.83	0.145	0.28		0.707		16.67	121.04	0.003	2.75	0.01	399.68		725.8
37	37/11	0.4		17.6	7.75	118.24	30.4	0.339	0.301		0		8.86	128.05	0.018		0.03	414.94	39.58	777.9
37	37/2	1.2		28.8	4	118.24	26.74	0.146	0.125		0.335		10.64	122.54	0.007	0.44	0.02	414.94	31.49	767.9
37	37/3	1.12		21.6	3.75	122.24	26.75	0.084			2.119		11.7	122.96	0.008	0.61	0.01	421.04		741
37	37/4	0.428		25	4.12	116.23	31.61	0.895	0.17		0.329		9.57	124.88	0.005	0.17		417.99	49.98	795.9
37	37/5	0.52		22.8	3.05	100.2	36.48	0.375	0.18		0.705		12.06	122	0.019	0.98		414.94		721.9
37	37/6	1.36		24.5	3.4	112.22	26.75	0.022	0.14		0.13		15.25	112.96		2.83	0.01	405.78		712.1
37	37/7	0.8		30	3	106.21	37.7	0.158	0.1		0.133		24.47	124.88	0.002	18.12		384.43		736.5
37	37/8	0.64		29	2.8	106.21	31.62	0.55	0.1		0.127		26.6	105.67	0.004	19.98	0.01	375.27		705.9
37	37/9	0.4		27.6	3.3	118.24	25.54	0.144	0.4		0.112		15.95	120.08	0.005	2.92		393.58		717.9
38	38/1	1.52	0.011	27.2	15.8	145.89	26.75	-0.01	0.005	0.31	-0.05	0.16	51.41	126.74		83.8	0.01	346.58	31.01	864
39	39/1	0.2		8.2	0.88	77.54	23.84	0.06	0.11		0.03		14.54	30.77	0.01	18.86		301.83	19.49	506.9
40	40/1	2	2.033	190.2	19.86	157.52	46	11.9	0.35	0.294	1.58	0.05	59.6	52	0.01	0.7		939.7	5	1487.2
40	40/2	1.9	2.071	183.4	19.95	151.79	46	11.3	0.2	0.301	1.45	0.05	62.3	32.9	0.01	1.4	0.07	927.5	4.44	1445.7
40	40/3	2.1	2.027	182.9	19.55	160.3	46	7	0.1	0.333	1.63	0.05	68.6	26	0.01	3.1	0.05	960.3	5	1483.6
40	40/4	1.7	2.003	197.5	19.23	156.09	49.48	3.1	0.15	0.332	1.15	0.05	68.6	41.6	0.01	2.2	0.07	850.9	4.88	1398.1
40	40/5	1.7	1.157	184.3	12.06	153.22	40.8	2.8	0.2	0.265	0.6	0.34	39.2	38.1	0.02	3.8	0.03	720	5.75	1203.1
41	41/1	0.88		9.1	1	106.74	29.95	0.02	0.7		0.03		37.94	61.54	0.01	32.24		322.96	21.69	636
42	42/1	0.88		21.8	6.6	162.32	59.58	1.037	0.5		0.441		13.12	243.99	0.003	2.01	0.03	457.65		974.1
42	42/10	0.52		18.3	6.75	164.32	43.78	0.66	0.72		0.33		13.12	241.12	0.002			466.8		964
42	42/11	0.8		22	6.4	170.34	41.34	0.563	0.56		0.988		13.12	245.91		1.06	0.01	469.85		972.4
42	42/2	0.88		25.3	4.12	156.31	44.38	0.455	0.517		0.091		13.82	206.67	0.088	0.2	0.03	472.91	40.58	977.6
42	42/3	0.48		18	7.62	160.32	42.55	0.589	0.39		0.466		14.89	214.21	0.09			479.01	45.58	997.4
42	42/4	0.8		21.7	6	148.3	49.86	0.573	0.32		0.311		13.48	224.78		0.1		475.96		949.5
42	42/5	0.96		17.4	6.7	168.34	42.56	0.064	0.65		0.372		12.41	247.84		0.92	0.01	479.01		984.4
42	42/6	1.04		20.9	7.5	162.32	41.33	0.479	0.44		0.433		13.47	231.97	0.015	0.46	0.1	469.85	27.49	985
42	42/7	1.12		20.1	7.12	160.32	49.86	0.59	0.19		1.912		14.54	218.55			0.01	482.06		963.4
42	42/8	0.4		17.4	6.5	144	37.9	3.92	0.23		0.05		15.96	161.54		0.71		458.78	21.99	881.3

ID ob.	ID vz.	CHSKmn	Li	Na	K	Ca	Mg	Fe	Mn	Sr	NH4	F	Cl	SO4	NO2	NO3	PO4	HCO3	SiO2	Miner.
42	42/9	1.04		21.2	6.9	160.32	54.72	0.863	0.5		0.438		13.48	263.2	0.006	1.15	0.06	457.65		985.8
43	43/1	1.12		17.3	3.13	125.88	29.34	7.4	0.01		0.06		32.98	113.46		0.83		392.38	9.8	737.6
43	43/10	1.36		91.6	4.2	142.28	32.83	0.385	0.44		0.9		13.47	126.8		0.4		472.92		815.8
43	43/11	0.86		18.6	4	126.25	49.86	0.372	0.15		0.29		12.06	126.22	0.004	0.15		485.11		841.4
43	43/2	0.96		20.8	4.7	136.27	34.05	0.345	0.28		0.219		16.31	122	0.006	132.92		457.65		808.4
43	43/3	0.72		18.3	4.55	136.27	37.7	0.387	0.36		0.201		12.76	139.3	0.002	0.76		469.85		830.4
43	43/4	1.44		18.2	4.7	130.26	42.56	0.706	0.25		0.289		15.96	140.25	0.008	5.19	0.02	457.65		824.2
43	43/5	1.12		18.6	4.88	160.32	29.18	0.423	0.24		1.41		21.28	129.68		0.16	0.01	479.01		853.3
43	43/6	1.6		15.5	4.95	146.29	37.09	0.441	0.368		0.141		13.82	155.47	0.062		0.02	460.7	36.78	882.2
43	43/7	0.88		17	5	130.26	46.19	0.472	0.235		0.321		14.18	154.66	0.056		0.01	466.8	43.38	891.5
43	43/8	1.12		10.9	4.6	142.28	32.83	0.617	0.35		0.264		11.7	133.52	0.015	0.9	0.01	479.01		825.1
43	43/9	1.6		17	4.87	146.29	36.47	0.06	0.15		0.533		14.54	186.37	0.1	0.34		466.8	34.69	918.6
44	44/1	0.6		11	3.9	89.18	26.14	0.006	0.24		0.285		3.55	32.66	0.013	0.32	0.03	396.63		570.7
44	44/10	0.44		12.2	4.25	90.18	23.1	0.288	0.15		0.22		9.22	38.9	0.071	0.06	0.01	366.12	39.58	596.2
44	44/11	0.4		12	3.8	88.18	35.54	0.302	0.22		0.094		4.25	28.82	0.013	0.44		393.58		565.4
44	44/2	0.56		9.7	4.37	88.18	24.92	0.359	0.1		0.566		8.51	42.74	0.005	0.46	0.04	369.17	17.01	571.2
44	44/3	1.6		15.4	3.4	92.18	23.1	0.287			0.732		3.9	27.86	0.011	0.32	0.02	399.68		579.8
44	44/4	0.64		13.2	3.47	68.14	37.7	0.048	0.11		0.55		5.32	29.88	0.017		0.01	393.58		560.8
44	44/5	0.68		14.8	3.7	92.18	29.1	0.304	0.45		0.209		3.55	31.7	0.003	4.03	0.02	411.89		599.3
44	44/6	0.4		15.8	3.25	92.65	22.01	2.46	0.16		0.07		4.61	28.85	0.01	0.72		398.41	20.09	600.2
44	44/7	0.68		16.6	3.7	90.18	30.4	0.219	0.1		0.232		3.19	23.77	0.008	1.48	0.03	399.68		576.9
44	44/8	0.56		12	3.97	82.16	27.97	0.24			1.958		6.38	35.54	0.003	0.59	0.02	390.53		569.5
44	44/9	0.72		11.2	4.25	90.18	23.1	0.041	0.226		0.034		9.22	45.72	0.118		0.04	360.02	33.99	588.3
45	45/1	1.31	0.02	19.6	3.11	136	40.9	0.102	0.078	0.49	0.08	0.16	40.8	158	0.05	62.2	0.29	427	39.1	928
46	46/1	5.24	0.01	14.6	4.55	128	38	0.436	1.35	0.47	0.65	0.2	14.4	102	0.15	4.62	0.61	549	35.4	894.4
47	47/1	4.48	0.004	108	25.5	286.97	61.77	0.68	3.504	0.85	0.05	0.13	202.77	384.51		171.2	0.03	512.57	27.05	1792.6
48	48/1	0.68		8.4	1.3	81.57	23.84	1.63	0.14		0.94		31.91	12.5	0.03	0.82		328.99	16.79	519
49	49/1	2.08	0.032	12.3	5.1	182.76	26.27	-0.01	0.02	0.5	-0.05	0.17	13.3	91.52		-0.5	-0.01	591.87	38.94	974
50	50/1	0.8		20.4	1.5	166.33	32.83	0.246	0.1		0.64		96.45	126.8	0.008	116.9	0.05	262.39		824.8
51	51/1	0.48		17.5	1.45	170.34	29.18	0.138	0.33		0.048		92.17	137.37		68.34	0.02	256.28		783.2
52	52/1	1.12		17.6	5.25	200.4	57.15	12.3	0.34		1.637		26.95	239.2				579.69		1148.6
52	52/2	0.76		15.5	6	160.32	66.88	3.51	0.394		0.408		22.69	271.77		0.23		527.82	44.08	1134.8
52	52/3	1.16		16.6	5.37	194.39	59.58	11.12	0.55		0.244		28.01	265.13	0.004		0.02	579.69	38.78	1211.1
52	52/4	1.2		15.2	4.45	210.42	42.56	12.69	0.3		1.83		26.24	224.78	0.005			588.84		1135.8
52	52/5	0.56		15.2	5.2	162.32	77.82	6.08	0.3		0.285		27.66	267.43		0.59	0.01	552.05	36.48	1162.3
52	52/6	0.96		15.4	6.25	156.31	51.07	3.191	0.485		1.16		11.35	202.2		0.21	0.04	500.3	34.99	993.5
53	53/1	1.12	0.052	15.7	2.2	161.12	38.43	-0.01	-0.005	0.42	-0.05	0.14	26.42	93.95		39.7	0.15	511.94	33.52	932.7
54	54/1	3.76	0.034	56.8	97.6	178.76	49.61	-0.01	0.008	0.54	0.05	0.3	85.45	168.55		200.2	1	525.36	42.02	1417.3
55	55/1	5.93	0.04	14.8	9.33	172	60.2	0.101	0.34	0.6	0.06	0.2	38.5	212	0.03	13.7	1.99	634	32	1190
56	56/1	1.24	0.245	12.3	5.4	348.7	105.06	-0.01	0.01	1.13	-0.05	0.13	20.74	761.93		-0.5	0.19	634.59	34.89	1935.8
57	57/1	0.72	0.016	11.1	3.9	109.82	24.32	-0.01	0.012	0.35	-0.05	0.11	6.74	80.08		8.8	0.26	370.38	39.94	666

ID ob.	ID vz.	CHSKmn	Li	Na	K	Ca	Mg	Fe	Mn	Sr	NH4	F	Cl	SO4	NO2	NO3	PO4	HCO3	SiO2	Miner.
58	58/1	4.56	0.029	72.9	270	175.95	47.42	-0.01	0.164	0.51	0.94	0.13	117.69	263.77		318.8	9	552.82	38.85	1879.3
59	59/1	1.2	0.025	12.4	2.8	139.48	29.67	-0.01	0.054	0.43	-0.05	0.15	13.3	93.25		13.4	0.06	456.41	38.36	809.5
60	60/1	1.2		20	2	133.07	47.1	0.06			0.05		42.55	76.95	0.01	71.7	0.11	414.92	19.12	833
61	61/1	1.68	0.011	11	3.5	101.8	39.4	-0.01	0.006	0.32	-0.05	0.28	29.25	29.22		30.3	0.05	413.7	20.77	685.1
62	62/1	1.68	0.014	26.6	2	157.11	35.99	-0.01	1.111	0.42	-0.05	0.19	40.07	98.18		66	0.12	454.58	36.41	928.3
63	63/1	1.15	0.03	15.43	5.21	103.93	27.46	0.05	0.011	0.312	0.261	0.233	33.99	75.3	0.019	48.28	0.7	292.9	46.06	650.3
64	64/1	0.8	0.021	13.5	1.3	60.92	14.59	-0.01	0.005	0.18	-0.05	0.14	25	48.72		50.7	0.08	144.61	35.41	404.5
65	65/1	2.08	0.021	46	0.5	135.47	53.5	-0.01	0.085	0.48	-0.05	0.5	50.7	139.79		44	0.4	482.65	32.7	995.2
66	66/1	1.6	0.03	13.7	3	133.07	36.97	-0.01	0.031	0.37	-0.05	0.36	14.54	107.32		34.5	0.28	433.84	37.25	825.6
67	67/1	1.12		13.2	1.3	77.35	21.4	13.3	0.25		-0.05		13.83	30.66	0.05	1.2	-0.01	311.19	21.02	504.2
67	67/10	0.72		10	1.1	96.19	25.29	3.61	0.08		-0.05		12.41	40.53	0.02	0.5	-0.01	366.11	24	590.7
67	67/11	2		11.4	4.4	73.35	21.4	9.39	0.12		-0.05		3.55	34.57	-0.01	0.9	-0.01	323.4	15.02	497.3
67	67/2	1.6		12	1	82.56	20.67		0.18		-0.05		13.12	31.27	0.06	-0.5	-0.01	329.5	23.04	527.2
67	67/3	1.76		10.8	1	101.8	27	0.02	0.09		-0.05		12.41	44.03	0.06	-0.5	-0.01	402.72	27.76	644.3
67	67/4	1.12		12.2	0.8	107.01	27.24		0.08		-0.05		12.41	37.45	0.02	-0.5	-0.01	414.92	23.44	649.6
67	67/5	1.2		11.1	0.9	106.21	28.94	0.06	0.06		-0.05		1.35	41.97	-0.01	-0.5	-0.01	427.13	27.03	671
67	67/6	1.04		10.2	0.9	107.82	28.7	0.09	0.1		0.05		11.56	40.74	0.03	0.8	-0.01	433.23	23.26	671.4
67	67/7	1.12		10.4	0.9	106.61	28.5	0.06	0.12		-0.05		10.64	37.03	0.01	-0.5	-0.01	427.13		657.8
67	67/8	0.96		10.7	1.2	107.01	27.72	0.02	0.09		-0.05		11.17	39.5	0.01	-0.5	-0.01	433.23	22.5	666.7
67	67/9	0.88		9.6	1	109.02	27.72	0.04	0.1		-0.05		11.35	37.86	-0.01	-0.5	0.01	439.33	23.26	673.2
68	68/1	2		26.4	21.4	31.26	19.46	0.01	0.01		0.85		42.55	173.65	0.16	-0.5	-0.01	12.2	2.26	331.6
68	68/2	2.88		28.4	20.2	26.85	19.7	0.01	0.03		1.09		42.02	166.25	-0.01	0.5	-0.01	12.2	-0.99	317.2
68	68/3	2.4		28.6	20.2	30.46	21.4	2.26	0.06		1		42.55	177.7	0.01	-0.5	-0.01	18.31	-0.99	340.4
68	68/4	3.2		25.8	23.3	25.65	25.29	0.01	0.04		0.85		44.6	178.18	0.01	-0.5	-0.01	18.31	-0.99	342.1
69	69/1	1.52		12.5	4.5	103.41	24.56	0.01	0.09		-0.05		4.25	33.33	0.01	0.6	-0.01	421.02	24.4	643.3
69	69/10	1.44		10.3	2.1	115.03	34.29	0.05	0.15		0.12		7.8	34.15		0.7	-0.01	494.25	18.75	728.9
69	69/11	1.28		10.2	2	119.44	33.32	0.02	0.18		-0.05		7.62	31.27	0.01	-0.5	-0.01	506.45	17.57	738.6
69	69/12	1.12		10.7	2.2	123.05	33.32	0.02	0.16		-0.05		8.69	32.92	0.01	-0.5	-0.01	518.65	21.39	763.9
69	69/13	1.84		12.3	4.4	102.6	25.54	0.03	0.08		0		3.37	36.62	0.02	-0.5	-0.01	427.13	23.84	650.2
69	69/14	1.84		12.2	4.4	103.01	26.02	0.06	0.09		0.27		4.11	41.56	-0.01	-0.5	-0.01	433.23	23.64	662.8
69	69/15	1.12		15	5.2	125.05	32.83	9.81	0.13		0.27		5.5	29.22	0.01	-0.5	-0.01	549.16	24.4	801.5
69	69/16	1.44		11.8	4.6	103.41	26.27	0.13	0.09		-0.05		3.9	38.68	1.14	0.6	-0.01	427.13	26.64	660.4
69	69/17	1.84		12.8	4.5	101	26.75	0.03	0.09		0.11		3.19	35.39	0.01	0.6	-0.01	439.33	23.26	661
69	69/18	1.04		12.9	4.5	105.41	25.78	0.01	0.11		0.18		5.85	47.73	-0.01	-0.5	-0.01	433.23	21.02	669.3
69	69/19	1.52		13.5	4.6	104.21	25.54	1.19	0.1		-0.05		4.18	38.68	1.08	0.5	-0.01	433.23	27.77	670.1
69	69/2	2		12	4.6	102.2	26.02	0.01	0.1		0.05		4.61	35.39	-0.01	-0.5	-0.01	427.13	23.63	649.9
69	69/20	0.96		12.3	4.7	104.21	25.05		0.1		0.26		4.25	37.45	-0.01	-0.5	-0.01	427.13	24.76	655.1
69	69/3	1.2		12.8	4.5	103.01	24.81		0.09		-0.05		4.08	36.62	0.86	-0.5	-0.01	427.13	21.76	648.7
69	69/4	0.88		10.6	3.9	88.58	23.83	5.9	0.06		0.05		4.25	38.68	0.01	1.1	-0.01	372.21	20.65	576.7
69	69/5	1.2		11.3	3.8	88.58	24.56	0.37	0.18		-0.05		4.79	37.03	-0.01	1.4	-0.01	378.31	14.25	573.1
69	69/6	1.28		10.7	2.7	108.62	29.18	0.12	0.12		0.06		7.27	34.98	-0.01	0.9	-0.01	457.64	21.02	685.9

ID ob.	ID vz.	CHSKmn	Li	Na	K	Ca	Mg	Fe	Mn	Sr	NH4	F	Cl	SO4	NO2	NO3	PO4	HCO3	SiO2	Miner.
69	69/7	1.28		10.9	2.8	112.22	29.43	0.1	0.13		-0.05		8.16	36.21	0.05	0.6	-0.01	463.74	27.59	708.5
69	69/8	0.64		12.2	2.3	113.43	30.4		0.12		-0.05		7.8	32.1	0.02	-0.5	-0.01	475.94	21.02	707.9
69	69/9	1.84		10.5	2.2	112.62	32.1	0.05	0.12		0.05		6.56	35.8	0.03	-0.5	-0.01	475.94	25.52	716.8
70	70/1	1.12	0.013	21.8	0.5	140.28	31.13	0.024	-0.005	0.41	-0.05	0.18	76.94	92.92		215.3	0.07	196.48	34.26	819.1
71	71/1	1.41	0.02	22.3	20.8	132	38.1	0.06	0.018	0.34	0.04	0.2	35.2	158	0.02	37.1	1.04	378	35.2	858.5
72	72/1	4.24	2	26.4	13.8	115	28.8	2.13	0.744	0.38	0.66	0.21	25.3	71.6	0.11	2.19	0.29	482	36.7	808.4
73	73/1	-0.5	0.03	11.9	2.47	131	35.5	1.28	0.094	0.33	0.25	0.19	8.07	60.2	-0.01	-1	-0.03	512	32.6	796.5
74	74/1	3.16	0.014	43.2	6.5	161.92	60.31	-0.01	0.231	0.47	-0.05	0.25	81.02	246.2		21	0.15	465.57	18.57	1110.4
75	75/1	0.8		10.2	2.1	82.16	30.4	0.03			-0.05		5.85	29.22	-0.01	1.6	-0.01	396.62	17.75	586.6
75	75/10	1.2		12.2	1.5	129.86	42.56	0.05	0.29		-0.05		7.45	93.82	-0.01	-0.5	-0.01	518.65	15.15	830.6
75	75/11	0.96		11	3.8	116.63	29.43	0.03	0.13		-0.05		5.32	28.39	-0.01	0.6	0.04	488.14	9.56	698.8
75	75/12	1.28		11.6	1.1	129.06	38.91	0.11	0.15		-0.05		6.91	80.24	0.01	-0.5	0.03	506.45	20.35	807.1
75	75/13	0.64		14.2	1.8	133.87	45.24	0.04	0.26		0.05		4.08	124.89	-0.01	-0.5	0.02	518.65	20.25	875.5
75	75/14	1.2		11	3.8	117.43	29.67	0.05	0.12		-0.05		7.45	27.98	-0.01	2.1	-0.01	500.35	11.74	718.7
75	75/15	1.68		11.4	3.9	117.84	29.67	0.05	0.1		-0.05		6.91	32.51	-0.01	-0.5	-0.01	500.35	19.89	734.5
75	75/16	1.2		12.5	4.2	117.84	31.13	0.11	0.11		-0.05		6.91	30.45	-0.01	1.7	-0.01	50.35	25.87	746.7
75	75/17	1.04		9.9	2.1	96.19	30.16	0.01	0.02		-0.05		5.85	27.98	-0.01	-0.5	-0.01	439.33	19.62	642.9
75	75/18	1.12		10.7	2.7	118.24	29.91	0.01	0.06		-0.05		6.74	29.22	-0.01	1.7	-0.01	506.45	21.49	740.1
75	75/19	1.6		11	2.9	118.24	29.67	0.05	0.08		-0.05		6.56	28.81	-0.01	0.9		506.45	19.51	735.8
75	75/2	0.88		11.5	1.8	124.25	37.7	0.01	0.13		-0.05		7.27	67.49	-0.01	-0.5	-0.01	512.55	17.55	790.8
75	75/20	1.2		10	2.9	118.24	33.32	0.04	0.11		-0.05		7.45	32.51	-0.01	1	-0.01	506.45	20.26	744.4
75	75/21	0.88		11	3.1	115.03	30.4	0.01	0.1		0.18		6.38	28.81	-0.01	-0.5	-0.01	500.35	19.71	726.9
75	75/22	1.04		10.5	3	119.44	29.18	0.02	0.12		-0.05		6.74	31.27	-0.01	0.6	-0.01	500.35	23.04	738.1
75	75/23	1.2		10.7	2.8	117.84	30.64	0.03	0.12		0.05		6.03	29.63		1.3	-0.01	506.45	22.36	741.4
75	75/24	2.64		10.6	2.9	117.84	30.16	12.24	0.1		-0.05		6.38	34.98	-0.01	-0.5	-0.01	500.35	22.5	739.3
75	75/3	1.36		12.3	1.9	134.27	42.32	0.01	0.12		-0.05		9.22	98.76	-0.01	0.9	-0.01	512.55	12.95	833.1
75	75/4	1.28		13.3	2	131.86	44.02	0.13	0.23		0.05		7.45	98.35	-0.01	-0.5	-0.01	518.65	13.05	836.9
75	75/5	0.8		14	1.7	137.07	44.99	0.03	0.23		0.05		7.98	120.16	-0.01	-0.5	-0.01	512.55	22.5	874.8
75	75/6	1.12		11.4	3	118.24	31.13	0.06	0.11		-0.05		5.67	34.98	0.02	0.9	0.01	500.35	19.51	737.1
75	75/7	1.12		11.6	2.9	118.24	31.62		0.12		0.17		5.85	30.45	-0.01	-0.5	0.01	500.35	26.64	743.9
75	75/8	0.8		10	1.6	125.05	40.37	0.02	0.13		-0.05		7.45	80.24	-0.01	0.9	-0.01	512.55	19.89	810.1
75	75/9	0.72		11.6	1.6	128.26	39.4	0.04	0.2		-0.05		7.45	80.24	-0.01	0.6	-0.01	512.55	20.26	814.3
76	76/1	1.52		41.7	30.9	12.02	21.16	0.01			-0.05		18.26	70.37	-0.01	-0.5	-0.01	176.95	-0.99	371.4
76	76/2	1.52		40.2	30.9	13.23	20.43	0.01			-0.05		17.91	71.19	-0.01	-0.5	-0.01	183.05	-0.99	376.9
77	77/1	1.92		26.4	18.5	44.49	24.56	0.04	0.03		-0.05		19.86	43.21	0.03	0.9	-0.01	274.58	2.56	456.7
77	77/2	1.2		22.4	17.7	37.68	25.54	0.12	0.09		-0.05		6.74	39.5	-0.01	1.9	-0.01	268.48	4.01	426.5
77	77/3	1.2		20	9.3	53.71	23.1	0.11			-0.05		5.32	43.62	0.02	1.7	-0.01	256.28	3.16	430.2
77	77/4	0.56		15	7.2	60.12	21.64	0.05	0.02		0.17		3.37	51.85	0.12	1.2	-0.01	280.68	4.69	448.9
77	77/5	2.4		14.8	7	56.51	21.89	0.04			-0.05		3.55	33.33	-0.01	-0.5	-0.01	292.89	3.93	436.3
77	77/6	1.84		15.1	5.7	51.7	21.64	0.03	0.01		0.12		3.19	26.75	0.01	-0.5	-0.01	280.68	2.81	409.4
77	77/7	1.04		16.8	6.8	48.1	17.51	0.02	0.05		-0.05		2.84	34.57	-0.01	1.5	-0.01	244.07	5.24	380.6



ID ob.	ID vz.	CHSKmn	Li	Na	K	Ca	Mg	Fe	Mn	Sr	NH4	F	Cl	SO4	NO2	NO3	PO4	HCO3	SiO2	Miner.
77	77/8	1.84		15.8	6.2	43.29	21.4		0.02		-0.05		3.72	33.54	0.31	0.9	-0.01	244.07	3.36	374.6
78	78/1	2.68	0.02	38.2	309	203	58	0.214	0.023	0.48	0.1	0.19	113	171	0.06	754	0.78	366	31.6	2045.9
79	79/1	0.88	0.016	17.8	1	119.44	45.24	-0.01	0.005	0.42	-0.05	0.22	28.19	46.05		68.5	-0.01	404.55	29.3	768.3
80	80/1	2.54	0.03	18.5	3.42	151	43.2	0.054	0.078	0.45	0.12	0.2	86.6	154	0.12	28.3	0.36	403	35.5	924.9
81	81/1	2.32	0.024	24.4	0.8	119.84	43.05	-0.01	-0.005	0.4	-0.05	0.24	27.48	25.43		35.4	-0.01	482.06	23.75	788.9
82	82/1	0.82	0.01	11.24	4.35	87.13	19.07	0.026	0.003	0.362	0.349	0.142	20.41	54.75	0.016	20.02	0.69	280.7	50.08	549.3
83	83/1	1.2	0.003	3.2	2.4	20.92	3.7	-0.01	0.046	0.07	-0.05	-0.1	1.06	12.43		12.1	0.04	48.82	2.65	112.9
84	84/1	1.2	0.161	18.3	4.1	140.28	54.96	-0.01	0.007	0.45	-0.05	0.22	26.59	127.15		26.4	0.2	513.77	41.82	965.3
85	85/1	1.52	0.054	22.6	37.8	169.14	41.83	0.493	0.011	0.59	-0.05	0.15	42.9	179.5		60.6	0.16	471.06	37.7	1074.3
86	86/1	1.7	0.03	17.5	1.96	110	38.7	0.325	0.007	0.36	0.07	0.25	15.4	44	-0.01	17.1	-0.03	482	22.4	750.3
87	87/1	4		31	94	165.13	50.59	2.1	0.02		0.05		67.9	178.59	-0.01	68	2.4	573.57	30.74	1200.5
88	88/1	0.88	0.022	17.8	3.9	97.39	19.21	-0.01	-0.005	0.34	-0.05	0.1	6.38	77.16		-0.5	0.23	329.5	41.32	604
89	89/1	1.68	0.014	14.9	3.3	141	30.33	-0.01	-0.005	0.41	-0.05	0.15	40.78	79.13		52.9	0.03	349.02	30.66	750.4
90	90/1	1.34	0.02	25	16.8	153	42.7	0.145	0.038	0.49	0.07	0.16	70.3	114	-0.01	99.3	0.36	445	29.4	997.1
91	91/1	1.36		75	9.2	14.03	3.16	0.04			-0.05		2.84	5.14	0.16	2.3	-0.01	256.28	34.5	423.3
91	91/10	1.44		72	10.7	16.03	3.89	0.07	0.11		0.5		3.72	6.58	1.45	-0.5	0.06	268.48	31.83	434.5
91	91/2	3.52		60	6.1	12.83	3.65	1.62	0.13		0.6		5.5	5.14	0.01	-0.5	0.23	201.36	15.95	328.7
91	91/3	2.56		67	9.5	12.83	3.89	0.05	0.05		0.27		3.01	5.14	1.76	0.6	0.04	244.07	49.72	427.8
91	91/4	2.4		67	9.9	12.02	4.38	0.17	0.08		0.09		3.19	3.09	3	0.6	0.08	244.07	42.49	415.6
91	91/5	2.4		74	10	14.03	3.65	0.02	0.06		-0.05		3.9	2.88	3.18	0.6	0.02	262.38	50	454.7
91	91/6	1.28		75	11.2	15.63	4.13	0.13	0.06		-0.05		3.37	4.11	-0.01	3.8	0.06	274.58	55.61	481
91	91/7	1.04		74	11.2	16.03	4.13	0.06	0.09		-0.05		3.37	3.7	-0.01	4.1	0.04	274.58	56.01	480.9
91	91/8	1.2		75	11.2	15.63	4.62	0.03	0.08		-0.05		3.37	3.29	-0.01	4.5	0.06	280.68	52.55	482.5
91	91/9	1.44		74	11	16.43	4.38	0.07	0.05		-0.05		3.9	5.76	0.01	4.9		274.58	56.31	485.1
92	92/1	2.4		20.2	8.2	109.42	33.56	1.63	0.65		0.4		12.59	15.72	0.01	-0.5		536.96	10.99	756.9
92	92/2	3.44		23.4	6.9	115.83	35.51	0.13	2.44		1.3		18.97	50.66		-0.5		518.65	15.23	798.2
92	92/3	3.52		18.3	7.5	112.22	34.29	6.54	0.6		0.76		7.45	19.34	0.01	-0.5		549.16	12.68	776.5
92	92/4	1.92		18.6	7	111.02	33.08	0.24	0.81		0.45		7.09	16.87	0.03	-0.5	-0.01	543.06	20.05	770.3
92	92/5	4.24		19.2	7.2	111.82	33.32	21.4	0.91		1.48		6.56	18.52	0.04	-0.5	-0.01	543.06	21.6	776.7
92	92/6	3.44		20.6	7.2	107.41	32.59	14.35	0.84		1.42		9.22	20.16	0.04	-0.5	-0.01	530.86	21.02	764
92	92/7	4.16		20.7	7.2	108.22	32.1	12.45	0.74		1.9		6.74	18.93	0.05	-0.5	-0.01	530.86	21.92	762.5
92	92/8	2.4		16.2	6.7	96.19	32.35	0.44	0.41		0.25		6.91	20.49	-0.01	-0.5	-0.01	482.04	11.58	680.5
92	92/9	1.44		18.8	7.1	104.61	32.59	16.3	0.6		0.62		6.03	28.39	0.01	-0.5	-0.01	512.55	18.39	743.6
93	93/1	2.48	0.016	19.6	1	83.37	15.08	-0.01	0.009	0.23	-0.05	0.21	42.9	21.4		50.7	0.01	280.69	43.49	570
94	94/1	3.2	0.016	17.8	6.9	158.72	32.83	-0.01	0.025	0.46	-0.05	0.27	19.5	145.05		-0.5	-0.01	494.25	19.23	900.7
95	95/1	1.24	0.113	14.48	7.07	256.56	68.52	1.047	0.447	0.964	0.641	0.167	118.39	320.95	0.016	0.32	0.13	579.7	32.7	1402.2
95	95/2	1.03	0.12	13.6	6.99	219	70.2	0.948	0.471	0.9	0.19	0.2	118	332	0.01	-1	0.09	598	32.2	1393.5
96	96/1	1.44	0.011	14.9	0.4	134.27	25.05	-0.01	0.01	0.28	-0.05	0.17	102.83	58.19		98	-0.01	235.53	26.9	703.5
97	97/1	4.8	0.066	107	151	255.99	81.96	-0.01	-0.005	0.56	-0.05	0.25	252.4	295.54		338.5	3.3	578.45	23.54	2094.8
98	98/1	1.04	0.019	19.8	1.2	110.22	30.64	0.018	0.021	0.33	-0.05	0.19	32.62	38.15		65.3	0.03	379.53	26.14	711
99	99/1	2.64	0.044	12.5	3	78.96	24.34	-0.01	0.008	0.22	0.33	0.17	23.58	42.26		4.6	0.03	161.09	36.37	397

ID ob.	ID vz.	CHSKmn	Li	Na	K	Ca	Mg	Fe	Mn	Sr	NH4	F	Cl	SO4	NO2	NO3	PO4	HCO3	SiO2	Miner.
100	100/1	1.36	0.011	10.1	0.8	120.24	25.29	-0.01	0.013	0.3	-0.05	0.24	27.83	41.03		58.9	-0.01	328.89	24.43	645.7
101	101/1	5.2	0.015	67.5	3.1	254.51	50.34	-0.01	0.011	0.5	-0.05	0.17	134.71	225.67		140.9	0.05	622.4	22.87	1529.8
102	102/1	0.88	0.013	10.7	0.7	114.63	27.72	-0.01	0.036	0.32	-0.05	0.3	65.06	22.88		39.8	-0.01	325.23	26.01	640.5
103	103/1	0.96	0.018	8.7	6.3	78.56	18.24	-0.01	0.007	0.32	-0.05	-0.1	4.79	20.57		-0.5	0.01	322.18	51.09	523.9
104	104/1	1.2	0.013	24.2	0.4	69.74	20.92	-0.01	0.007	0.21	-0.05	0.51	37.58	27.86		92.5	-0.01	183.06	17.43	479.4
105	105/1	0.88	0.013	7.5	4.1	80.16	15.56	0.015	-0.005	0.35	-0.05	0.1	3.55	19.88		-0.5	0.3	319.73	50.39	514.6
106	106/1	0.81		15.2	0.88	104.73	26.29	0.23	0.09				19.15	23.08	0.01	26.07		398.32	21.49	647.5
107	107/1	4.4		13.3	4.38	115.23	29.81	0.03	0.34				5.67	20.19	0.08	1.28		502.5	15.49	716.7
107	107/2	0.88		10.6	1	121.24	32.24	0.52					19.5	76.92	0.05	9.72		420.73	23.89	729.8
108	108/1	0.4		14.6	3.8	119.42	32.56	0.24	0.12				3.16	16.35	0.01	0.27		542.33	30.99	781.5
108	108/2	1.31		10.2	1	118.24	32.85	0.3					18.44	67.31	0.02	8.07		423.78	29.39	726.3
108	108/3	1.2		11.2	1.25	120.24	33.45	0.08	0.04				20.92	71.15	0.55	10.66		423.78	28.99	738.7
109	109/1	4.94	0.04	24	4.85	152	45.9	0.629	0.418	0.48	0.11	0.23	63.4	165	0.09	13.4	0.4	488	38.2	997.1
110	110/1	2.56	0.041	43.2	28.4	183.17	43.29	-0.01	0.124	0.36	-0.05	0.22	96.27	146.16		80.3	-0.01	597.99	21.1	1246.1
111	111/1	1.13	0.06	58.3	1.85	225	110	0.061	0.026	0.57	0.11	0.19	49.3	536	0.07	104	-0.03	726	23.4	1835
112	112/1	1.68	0.133	34.4	4.7	176.35	52.04	0.044	0.109	0.57	-0.05	0.4	102.83	74.36		53.1	-0.01	567.49	34.18	1109.4
113	113/1	1.6	0.026	12.8	5.9	107.41	26.27	0.021	-0.005	0.35	-0.05	-0.1	12.23	51.89		19.4	0.41	389.91	43.18	680.9
114	114/1	2.32	0.032	24	13.1	157.51	68.34	-0.01	-0.005	0.52	-0.05	0.16	39.53	108.68		131.2	0.03	659.02	21.32	1229
115	115/1	2.24	0.055	11.7	2	165.93	57.64	0.011	0.01	0.31	-0.05	0.21	7.09	169.62		-0.5	0.01	646.81	18.53	1085
116	116/1	4.96		51	6	165.13	58.85	6.56	0.05				85.81	172.01	0.02	0.5	0.01	579.67	23.64	1156.4
116	116/2	2.88		51.5	6.6	137.07	62.75	6.72					85.45	176.53	0.01	0.5	0.04	506.45	23.26	1063.6
117	117/1	3.39	0.03	17.4	4.75	135	39.3	0.6	0.456	0.38	0.25	0.19	22.1	71	0.04	7.82	0.34	543	42.5	885.2
118	118/1	4	0.131	64	13	290.98	123.55	-0.01	0.378	1.06	0.05	0.2	153.14	666.88		-0.5	-0.01	471.06	26.06	1817.6
119	119/1	1.6	0.162	29.4	2.3	210.02	88.52	-0.01	-0.005	0.63	-0.05	0.2	49.82	413.35		172.9	-0.01	406.99	18.46	1397.5
120	120/1	2.16	0.039	23	1.8	153.11	55.94	-0.01	0.008	0.24	-0.05	0.25	20.74	82.67		3.6	0.01	660.82	17.99	1025.2
121	121/1	2.16	0.263	20.2	7.8	174.75	183.37	0.033	0.009	1.03	-0.05	0.32	114.86	381.67		300	-0.01	518.04	21.3	1729.2
122	122/1	1.6	0.005	38	3.5	84.97	22.62	-0.01	0.049	0.27	-0.05	0.31	51.24	30.78		-0.5	1.08	350.85	20.55	609.7
123	123/1	1.84	0.039	36.4	2.1	193.59	79.99	-0.01	3.045	0.69	-0.05	0.2	52.65	185.87		58.6	-0.01	756.65	18.48	1393.8
124	124/1	3.44	0.015	30.9	2	165.13	51.56	0.021	0.966	0.53	-0.05	0.33	27.66	336.65		-0.5	-0.01	378.31	34.22	1037.2
125	125/1	4.82	0.025	26.37	1.73	156.6	74.59	0.473	0.233	0.479	0.167	0.249	32.16	175.85	0.016	0.56	0.09	652.9	54.76	1177.5
125	125/2	4.31	0.02	32.6	2.74	153	81.4	0.777	0.497	0.44	0.09	0.19	37.3	206	-0.01	2.97	0.14	653	20.4	1191.6
126	126/1	1.2	0.04	19.6	1.6	170.74	57.4	0.019	0.181	0.39	-0.05	0.22	11.35	153.86		-0.5	-0.01	671.2	21.99	1114.4
127	127/1	2.08	0.096	17.5	3.9	82.56	26.27	0.169	0.025	0.32	-0.05	0.34	13.3	124.81		9	0.02	230.65	48.64	570.2
128	128/1	5.84	0.021	14.1	6.6	125.45	34.05	0.035	0.246	0.29	0.13	0.19	41.84	104.48		-0.5	0.5	401.5	16.93	750.9
129	129/1	1.12	0.043	35.1	2.8	179.56	75.88	-0.01	0.102	0.51	-0.05	0.17	37.05	321.09		-0.5	-0.01	499.74	17.57	1174.3
130	130/1	1.92	0.014	25	8.8	150.7	30.16	-0.01	0.53	0.36	-0.05	0.19	66.84	112.46		-0.5	-0.01	423.46	38.32	866.8
131	131/1	7.77	-0.01	14.3	4.73	104	40.3	0.561	0.499	0.25	0.1	0.17	20.7	17	0.07	9.06	-0.03	488	12.5	712.2
132	132/1	6	0.008	41.5	148	101.8	27.72	-0.01	0.068	0.39	0.15	0.18	59.04	170.2		21.9	5	453.36	35.02	1073.3
133	133/1	11.6	-0.01	42.2	4.58	141	59.3	0.418	0.681	0.4	0.06	0.37	71.4	90.5	-0.01	-1	0.08	695	19.5	1126.1
134	134/1	3.25	-0.01	51.4	20.5	236	62	0.134	0.53	0.64	0.89	0.2	120	269	0.93	135	0.15	567	21	1484.6
135	135/1	1.44	0.013	19.8	21.8	121.84	38.18	-0.01	0.055	0.31	-0.05	0.17	27.3	83.86		20.1	-0.01	414.94	25.02	779.8

ID ob.	ID vz.	CHSKmn	Li	Na	K	Ca	Mg	Fe	Mn	Sr	NH4	F	Cl	SO4	NO2	NO3	PO4	HCO3	SiO2	Miner.
136	136/1	2.56	0.004	11.1	4.8	62.52	10.94	0.013	0.009	0.19	0.09	0.14	28.54	28.64		56.6	0.66	152.54	46.51	415.1
137	137/1	3.2		27.4	4.6	123	40.8	0.047	1.61		0.8		51.2	110	-0.01	-1	1.18	500	39.8	900.4
138	138/1	2.48	0.009	27.6	2.1	98.2	18.73	-0.01	0.161	0.27	-0.05	0.19	71.45	55.31		9.2	0.94	227.6	32.61	552.8
139	139/1	0.49	0.101	18.05	4.52	232.44	57.9	0.161	0.013	0.814	0.192	0.141	40.62	312.4	0.01	19.07	0.08	549.2	33.59	1269.4
140	140/1	5.02	0.05	42.3	2.89	132	54.7	1.46	0.422	0.44	0.18	0.37	60.3	73.7	0.23	29.6	0.28	519	23.9	941.8
141	141/1	0.72	0.008	10.2	0.4	70.54	20.92	-0.01	0.019	0.19	-0.05	0.27	22.87	16.54		40.2	-0.01	249.56	19.5	456.2
142	142/1	1.68	0.189	8.9	5.6	227.65	65.18	0.013	0.006	0.95	0.06	0.34	34.04	362.04		23.3	0.01	510.11	33.94	1280.9
143	143/1	1.76	0.022	21	1	123.45	27.63	-0.01	-0.005	0.24	-0.05	0.16	41.66	100.78		50.6	-0.01	286.17	16.17	673
144	144/1	1.44	0.243	40	8.6	107.41	93.88	-0.01	0.023	0.52	-0.05	0.32	18.08	84.28		21	-0.01	772.49	17.26	1169.8
145	145/1	2.24	0.013	36.3	0.2	118.64	42.07	0.022	-0.005	0.46	-0.05	0.35	64.53	65.92		115.4	-0.01	347.19	28.16	826.5
146	146/1	2.83	-0.01	28.6	1.76	106	33.6	0.197	0.09	0.32	0.14	0.27	30.2	34.9	0.07	21.9	0.2	592	23.6	873.9
147	147/1	2.44	0.01	34.4	0.5	121.44	33.8	-0.01	0.026	0.42	0.28	0.3	64.53	61.68		114.2	-0.01	341.7	25.16	804.9
148	148/1	5.36	0.01	86	103	139.88	42.56	0.01	-0.005	0.39	0.05	0.11	124.08	200.28		29.2	12	545.5	31.57	1322.7
149	149/1	1.36	0.006	11.8	0.8	74.55	25.78	0.036	0.007	0.18	-0.05	0.24	28.72	27.36		71.7	-0.01	226.38	27.97	503.1
150	150/1	2.16	0.004	7.7	3.9	38.08	10.46	-0.01	0.005	0.14	-0.05	0.14	7.98	32.43		14.1	-0.01	122.04	52.24	302.4
151	151/1	6.24		59.5	96.5	193.99	67.85	18.8			0.05		150.31	251.47	0.01	6.1	0.02	616.28	16.13	1497.8
151	151/2	6.24		59.5	96.5	193.99	67.85				0.05		150.31	251.47	0.01	6.1	0.02	616.28	16.18	1497.8
151	151/3	5.2		59.5	92.5	223.25	66.88	19.2	0.09		0.05		153.14	290.52		6.3	0.01	707.81	15.37	1624.7
152	152/1	1.84		26.2	3.2	185.59	129.38	8.82	0.13		0.05		32.98	573.22	0.01	17.4	0.01	512.55	13.14	1511.7
153	153/1	4.8	0.044	19.4	6.1	149.1	34.53	-0.01	-0.005	0.49	0.05	0.15	21.98	166.25		-0.5	-0.01	399.06	43.1	852
154	154/1	2.08	0.014	18	2.9	101.8	24.56	-0.01	-0.005	0.28	0.06	0.16	53.19	90.61		15.6	0.48	238.58	40.52	597.1
155	155/1	2.64	0.069	41.5	46	198.8	87.55	0.135	0.011	0.71	-0.05	0.17	104.6	232.04		358.3	-0.01	447.87	28.61	1555
156	156/1	2.96	0.012	23.4	1.9	109.82	30.4	-0.01	-0.005	0.32	0.18	0.3	46.27	43.25		55.8	0.09	361.84	33.25	715.6
157	157/1	-0.5	0.01	32.3	1.35	137	37.5	0.194	0.116	0.43	0.11	0.27	78.1	124	0.01	142	-0.03	366	30.4	949.9
158	158/1	3.12	0.03	30	5.5	170.11	44.04	1.12	6.7		1.43	0.31	29.25	84.36		1.29		671.18	51.28	1112
158	158/2		0.04	26	6.2	164.3	40.9		3.35		0.23		24.1	70.8		0.5	0.02	640.7	27.16	1011.4
159	159/1		0.02	16	3.7	158.7	11.7	1.4	0.09		4.46		9.1	62.5	0.02	0.2	0.01	506.5	37.08	821.6
159	159/2	2.04	0.03	16	4.4	123.5	32.61	1.9	0.81		0.19	0.27	7.98	84.36	0.17	0.51		509.48	28.23	818.9
160	160/1	1.68	0.016	28	1	207.61	46.69	0.076	0.03	0.49	-0.05	0.2	92.54	203.32		202.9	-0.01	320.34	23.13	1132.5
161	161/1	2.4	0.05	14.4	4.8	86.94	59.48	0.06	0.35		0.77	0.27	15.07	71.2	0.21	0.53		400	26.92	689.1
161	161/2	2.16	0.05	14.5	5.5	133.3	34.99	0.12	0.41		0.23	0.25	11.52	72.85	0.47	0.27		518.64	30.77	833.1
162	162/1	2.4	0.012	19.3	1.1	80.96	20.43	-0.01	0.009	0.23	0.96	0.21	16.13	48.02		60.5	0.02	249.56	26.91	531.4
163	163/1	5.68	0.006	75	11.1	360.72	86.58	-0.01	1.762	1.19	-0.05	0.15	204.19	487.3		304.2	-0.01	519.26	34.58	2094.9
164	164/1	3.08	0.057	30	2.7	140.68	59.1	0.011	0.104	0.55	-0.05	0.3	47.87	136.25		90.7	0.85	461.3	38.45	1018.7
165	165/1	2.48	0.016	21.4	2.2	218.44	73.2	0.499	0.866	0.51	-0.05	0.16	15.6	431.87		-0.5	-0.01	500.96	20.55	1291.9
166	166/1	2.64	0.431	142	8	149.1	56.42	0.012	0.63	0.81	-0.05	0.26	52.12	50.94		2.6	0.02	1022.05	45.36	1543
167	167/1	1.84		15.6	5	149.1	31.86	0.15			0.1		19.12	87.64	0.06	38	0.04	543.1	33.95	884.6
168	168/1	2.56	0.093	28.2	4.1	183.57	83.17	0.016	0.098	0.64	-0.05	0.13	79.78	179.5		-0.5	-0.01	677.32	26.79	1270.6
169	169/1	0.8		10.6	5.2	110.02	30.64	3.35	0.33		0.05		5.5	87.65	0.01	1.3	0.01	402.72	38.25	716.2
170	170/1	7.2	0.018	8	8	90.98	25.29	-0.01	-0.005	0.19	0.09	0.1	44.68	109.91		55.8	0.03	170.86	44.44	569.9
171	171/1	2.16	0.677	104	19.8	129.86	79.53	-0.01	0.018	0.86	0.1	0.3	56.38	25.47		6.3	-0.01	965.91	63.73	1469.9

ID ob.	ID vz.	CHSKmn	Li	Na	K	Ca	Mg	Fe	Mn	Sr	NH4	F	Cl	SO4	NO2	NO3	PO4	HCO3	SiO2	Miner.
172	172/1	2.16	0.03	11.1	6.2	81.76	21.4	-0.01	0.039	0.36	-0.05	0.11	9.93	34.28		-0.5	0.04	339.87	56.79	577.8
173	173/1	4.16		43.5	10.1	169.94	54.72	7.98	4.62		0.27		51.41	189.7	0.01	8.8	0.03	579.67	19.51	1144
174	174/1	1.62	-0.01	12	3.61	28	6.8	0.886	0.005	0.12	0.1	0.23	4.71	18.6	-0.01	18.4	0.29	107	51.7	252.5
175	175/1	5.65	0.04	16.5	4.79	128	42	0.362	2.37	0.37	0.11	0.33	25.1	103	-0.01	1.09	0.08	494	30.8	849
176	176/1	5.53	5.53	1150	72.4	116	286	-0.007	0.121	1.91	8.88	-0.1	1040	30	-0.01	-1	0.03	3840	169	6720.6
177	177/1	2.56	0.101	19.5	5.1	114.63	51.07	-0.01	0.008	0.38	0.06	0.3	28.54	172.75		44	-0.01	336.21	38.94	821.6
178	178/1	2.08	0.029	34.5	2.7	104.61	30.4	0.041	0.007	0.31	-0.05	0.17	75.7	98.88		44.7	0.05	264.82	32.62	697.9
179	179/1	4.76	0.03	10.1	4.01	74	22.3	0.756	1.17	0.24	0.38	0.35	11.5	79.8	0.07	25.4	0.03	250	33.5	513.7
180	180/1	1.2	0.084	18.4	4.1	141.88	40.37	0.012	0.005	0.49	-0.05	0.28	32.98	107.69		19.7	-0.01	488.14	44.36	909.8
181	181/1	5.17	0.03	24.8	2.57	104	41.8	0.178	1.68	0.38	0.1	0.28	38	137	0.08	28.4	0.12	427	31.8	838.2
182	182/1	5.17	-0.01	16.5	6.52	124	37.8	8.5	5.2	0.36	1.8	0.37	18.2	99.3	0.04	2.29	-0.03	580	22.3	926.8
183	183/1	5.12	0.141	53	2	152.7	64.45	-0.01	0.215	0.56	-0.05	0.16	40.78	258.87		-0.5	-0.01	414.94	41.58	1040.2
184	184/1	2.5	0.03	17.1	7.5	117	38.4		0.23		1.1		8.4	57.6			0.01	524.71	35.85	818.7
185	185/1	13.5	0.04	22.6	30	176	49.2	-0.007	0.08	0.67	0.13	0.18	16.1	240	0.02	-1	0.3	647	26.6	1209.6
186	186/1	5.86	0.05	30.3	6.66	180	65.3	0.64	1.16	0.75	0.19	0.2	22.3	590	0.02	0.02	-0.03	244	29.2	1170.9
187	187/1	11.92	0.055	18.6	12.1	246.89	65.18	-0.01	0.071	0.56	-0.05	0.17	97.86	197.11		101.4	-0.01	628.49	20.52	1394.8
188	188/1	8.64	-0.002	19.5	38	67.33	26.27	-0.01	0.07	0.32	0.19	0.15	34.04	60.37		-0.5	4.75	298.99	38.82	598.9
189	189/1	4.24	2.69	1540	73.2	91.9	146	3.27	0.039	2.6	11.9	-0.1	605	-2	-0.01	-1	0.12	4580	150	7209.3
189	189/2	3.42	2.54	1733	83.6	90.18	182.4	-0.001	0.009	0.225	14.127	0.1	354.57	2.25	2.304	13.58	1.03	5430.8	8.08	7916.5
190	190/1	23.2	-0.01	3.18	2.74	15.7	5.67	1.91	0.97	0.07	0.46	-0.1	1.58	40.9	-0.01	-1	0.34	54.9	22	151.1
191	191/1	4.88	0.002	53.5	82.4	81.76	22.37	-0.01	-0.005	0.38	0.06	0.13	50.35	145.14		20.1	0.01	292.28	25.76	781.2
192	192/1	8.28	0.044	71	312.5	159.52	52.04	-0.01	0.055	0.48	-0.05	0.26	127.62	247.89		362.3	0.11	527.81	16.9	1892.2
193	193/1	2.24	0.154	24	5.4	114.63	50.59	-0.01	0.014	0.41	-0.05	0.26	29.96	212.46		47	0.09	305.7	37.14	837.4
194	194/1	5.6	0.272	94	3	305.41	243.69	0.01	0.057	1.21	-0.05	0.16	203.48	695.52		555.9	0.01	604.69	17.92	2731.3
195	195/1	2.48	0.038	30.3	1.8	169.54	38.67	-0.01	-0.005	0.32	0.09	0.15	17.2	110.86		18.5	0.02	518.67	28.47	942.3
196	196/1	1.28		75.2	4	128.26	77.82	6.4	0.21		-0.05	0.02	6.03	342.78	-0.01	1.3	-0.01	543.06	10.8	1196
197	197/1	2.64	0.012	16.4	9.9	148.3	34.53	-0.01	-0.005	0.26	-0.05	0.18	49.29	106.74		65.9	0.17	387.46	20.74	845.7
198	198/1	4.28	-0.002	51	54.4	89.78	27.72	-0.01	0.053	0.39	0.05	0.14	43.97	102.87		-0.5	0.04	419.19	28.7	826.8
199	199/1	2.64	0.015	11.6	0.7	119.44	51.56	-0.01	-0.005	0.35	-0.05	0.19	40.78	87.69		43.9	-0.01	457.65	13.08	830.7
200	200/1	1.11	0.05	26.4	2.48	117	47.95	0.068	0.017	0.376	0.174	0.074	62.46	69.15	0.423	33.85	0.09	439.35	38.16	838.2
201	201/1	1.44	0.053	22.2	3.7	162.6	67.68	-0.01	0.038	0.48	-0.05	0.14	17.37	208.42		25	-0.01	553.43	26.56	1094.7
202	202/1	2.64		256	10.9	40.08	65.66	9.5	0.06		0.01		103	3.7	0.01	7.5	0.01	957.98	13.69	1466.8
203	203/1	1.52	0.015	20.8	3.6	42.48	9.73	-0.01	-0.005	0.14	-0.05	0.1	37.94	54.94		31.9	-0.01	74.44	67.42	360.7
204	204/1	2.64	0.059	15.5	4.7	217.23	93.88	-0.01	0.025	0.59	0.05	0.18	45.03	454.91		44.1	-0.01	502.18	26.42	1413
205	205/1	1.84	0.106	22.6	5.3	158.72	126.22	-0.01	-0.005	0.98	-0.05	0.34	76.94	307.72		164.4	-0.01	490.58	31.43	1393.5
206	206/1	1.04	0.019	21.1	0.8	86.97	30.16	0.084	-0.005	0.21	-0.05	0.17	10.46	14.94		17.3	-0.01	399.67	20.67	607.9
207	207/1	2.85	0.026	22.49	12.28	160.33	51.41	0.894	0.096	0.408	0.224	0.433	21.91	129.85	0.01	1.56	0.23	604.1	33.97	1040.7
208	208/1	2.32	0.033	15.6	1.2	87.37	28.7	-0.01	0.008	0.28	-0.05	0.16	25.71	26.71		38.5	-0.01	351.46	24.88	607.1
209	209/1	23.92		20.8	2.38	187.22	60.82	11.44	8.9		2.45		38.23	57.69	0.01	3.84	1.01	839.09	24.59	1262.4
210	210/1	2.8	0.068	47	2.6	242.08	123.55	-0.01	0.035	0.85	0.22	0.21	50.35	568.53		61.9	-0.01	586.38	19.1	1708.6
211	211/1	2.02		27.6	3.4	164.3	54.72	0.02	0.71		0.05		68.08	164.6		3.5	0.01	518.65	18.69	1035.7

ID ob.	ID vz.	CHSKmn	Li	Na	K	Ca	Mg	Fe	Mn	Sr	NH4	F	Cl	SO4	NO2	NO3	PO4	HCO3	SiO2	Miner.
212	212/1	4.69	0.04	21.6	2.77	110	43.2	0.1	0.145	0.28	0.1	0.29	58.6	120	0.14	49.2	-0.03	384	34.1	824.5
213	213/1	6.4	0.039	66	48.4	246.01	63.72	-0.01	0.628	0.62	-0.05	0.13	124.08	327.27		101.4	0.35	534.52	19.64	1538.8
214	214/1	8.83	-0.01	14.4	1.87	119	50	0.094	0.635	0.31	0.09	0.18	16.7	206	0.01	-1	-0.03	427	17.7	854.5
215	215/1	3.12	0.097	38.4	3	221.24	67.61	0.129	0.083	0.76	-0.05	0.19	63.11	386.23		33.5	0.01	482.65	21.43	1326.5
216	216/1	2.83	0.14	34.4	7.41	157	64.2	0.27	0.464	0.67	0.21	0.27	53.6	235	0.03	4.63	0.27	543	20.6	1122.2
217	217/1	2.96	0.016	47.2	12.2	165.93	97.77	-0.01	0.01	0.56	-0.05	0.13	75.7	268.3		105.5	0.18	572.96	16.34	1367.7
218	218/1	5.98	0.148	44.23	8.08	214.46	83.79	0.609	1.318	0.858	0.577	0.094	50.06	318.15	0.035	2.2	0.14	689.55	17.88	1432.2
219	219/1	5.6	0.084	66.6	5.7	270.94	97.04	-0.01	0.216	1.05	0.12	0.18	202.07	290.11		321.2	-0.01	431.4	25.7	1721.1
220	220/1	9.79	0.01	14.8	0.83	135	59.2	0.265	0.409	0.34	0.13	0.21	26.9	50.4	0.01	-1	0.06	708	24.8	1021.9
221	221/1	4.4	0.019	68.8	43.2	124.25	33.8	-0.01	-0.005	0.35	0.05	0.34	82.61	152.09		130.9	0.1	328.89	15.86	985.5
222	222/1	5.38	0.17	46.8	3.08	258	121	1.59	1.34	1.25	0.18	0.32	58.4	596	0.01	1	-0.03	781	12.2	1882.4
223	223/1	5.48	0.003	32.4	165	148.3	46.21	-0.01	0.06	0.34	-0.05	-0.1	38.83	303.52		86.4	2.1	444.21	29.17	1304.9
224	224/1	3.96	0.005	43.2	3.6	150.7	47.18	-0.01	0.006	0.37	-0.05	-0.1	71.98	157.36		141.5	0.02	352.68	33.72	1011.8
225	225/1	1.76	0.071	17.8	3.8	126.65	52.29	-0.01	-0.005	0.32	-0.05	0.15	28.19	158.18		25.7	-0.01	446.65	51.04	923.9
226	226/1	2.19	0.042	18.68	6.3	49.18	22.85	0.617	0.347	0.224	0.318	0.277	19.93	117.5	0.039	2.11	0.95	146.45	55.59	441.5
227	227/1	1.28	0.147	37	2.2	125.81	47.01	0.022	0.036	0.59	0.06	0.13	69.14	111.31		37.9	-0.01	386.24	28.27	853.3
228	228/1	1.5		22.52	2.65	94	31.7	0.18	0.02		0.06		49.2	134.61	0.03	154	0.2	164.8		653.4
228	228/2	1.5		19.41	2.48	103	48.6	0.1	-0.01		0.3		49	147.52	0.06	161	0.3	152.6		683.5
228	228/3	1.4		20.99	2.51	104	34.3	0.09	0.01		0.03	-0.1	49.2	138.3	0.01	155	0.2	152.6		656.9
229	229/1	1.76		18.5	0.8	173.95	54.96	6.69			0.05		73.35	186.82	0.01	263.7	0.06	231.87	12.58	1035.2
229	229/2	1.76		18.5	0.8	173.95	54.96	0.05			0.05		73.35	186.82	0.01	263.7	0.06	231.87	18.21	1035.2
229	229/3	1.28		17.9	1	172.74	53.75	7.24			0.05		74.81	185.17	0.01	233.2	0.06	231.87	21.39	1004.7
229	229/4	0.84		12.1	1.02	113	34	0.094	0.01		-0.01		29.4	144	-0.01	123	0.05	262	28.1	746.7
230	230/1	4.34	0.14	23.9	12.1	171	75.7	0.075	0.096	0.7	0.35	0.24	30.2	354	0.06	3.31	0.49	555	26.7	1254
231	231/1	1.2	0.137	29.4	3.3	183.57	59.83	-0.01	-0.005	0.79	-0.05	0.11	43.79	261.26		-0.5	-0.01	585.79	29.25	1204.9
232	232/1	2.16	0.021	23.4	3.2	130.66	31.13	-0.01	-0.005	0.36	-0.05	0.14	70.2	75.63		-0.5	0.38	406.38	22.02	769.5
233	233/1	6	0.09	26.2	3.95	179	80.6	1.51	0.953	0.69	0.24	0.31	61.3	232	0.04	6.9	0.15	714	27.7	1335.7
234	234/1	2.4	0.208	27.6	4.3	221.64	85.85	-0.01	0.011	0.84	-0.05	0.18	25.53	421.46		-0.5	0.01	610.2	25.99	1431.6
235	235/1	1.68	0.002	10.9	1.3	36.47	9	-0.01	0.009	0.16	0.28	0.1	8.86	2.1		8.4	-0.01	161.7	27.97	274.4
236	236/1	2.16	0.06	38.5	1.5	238.88	78.31	-0.01	-0.005	0.78	-0.05	-0.1	136.13	128.14		300	-0.01	634.61	26.41	1590.2
237	237/1	3.48	0.046	26.7	2	173.15	47.91	-0.01	0.025	0.76	0.1	0.15	82.79	197.85		67.4	-0.01	391.74	13.48	1008.5
238	238/1	1.52	0.048	27.3	2.4	150.3	42.56	-0.01	0.013	0.45	-0.05	0.17	68.61	86.95		164.8	-0.01	358.18	27.7	937
239	239/1	0.96		22.2	1.6	109.02	35.51	3.1			0.05		26.59	62.14	0.01	19.1	0.37	433.23	17.63	718
240	240/1	7.48	0.157	74.4	259.5	156.31	64.45	-0.01	0.158	0.84	0.06	0.26	78.18	237.27		-0.5	-0.01	927.5	25.45	1832.1
241	241/1	1.36	0.101	14.8	1.7	128.26	93.39	-0.01	-0.005	0.77	-0.05	0.12	49.11	155.71		39.2	-0.01	622.4	33.56	1148.8
242	242/1	4.88	0.08	31.5	3.2	156.71	42.56	-0.01	0.028	0.59	0.41	0.13	48.93	116.87		65.3	-0.01	478.99	28.92	982.1
243	243/1	3.24	3	1600	75.5	130	180	2.53	0.062	2.34	31.7	-0.1	419	24	0.02	-1	0.44	5370	18.5	7988.6
244	244/1	1.2	0.011	16.7	1.3	69.34	19.21	-0.01	0.009	0.28	-0.05	0.15	9.4	37.82		-0.5	-0.01	286.78	26.74	474.9
245	245/1	3.44		28.6	9.5	161.12	52.04	4.57	0.76		0.05		68.79	162.54	0.01	2.5	0.02	506.45	19.51	1017.6
245	245/2	2.02		27.6	3.4	164.3	54.72	0.02	0.71		0.05		68.08	164.6		3.5	0.01	518.65	18.69	1035.7
246	246/1	11.7	0.02	31	6.33	155	48.1	0.047	0.035	0.58	0.14	0.23	56	187	0.04	22.1	0.05	555	21.7	1083.4

## Výsledky chemických analýz, 2.časť

ID ob.	ID vz.	Cr	Cu	Zn	As	Cd	Pb	Se	Ba	Hg	Al	Sb
1	1/1	-0.0005	-0.0005	0.124	-0.001	-0.0005	-0.001	-0.001	0.14	-0.0002	0.02	-0.0002
2	2/1	-0.0005	0.0027	0.011	0.0083	-0.0005	-0.001	0.0045	0.02	-0.0002	-0.01	0.0003
3	3/1	-0.0005	0.0054	0.085	0.0102	-0.0005	-0.001	0.0012	0.08	-0.0002	0.06	-0.0002
4	4/1	0.0012	0.0022	1.241		0.0013	0.007		0.724			
6	6/1	-0.002	-0.002	-0.002	0.004	-0.0003	-0.005	-0.001	0.05	-0.0001	-0.02	-0.001
7	7/1	0.0003	0.001	0.004	0.0041	0.00007	0.0014	0.0005		0.00012	0.104	0.0013
8	8/1	0.0016	0.0027	0.177	0.0037	-0.0005	0.001	0.0028	0.39	-0.0002	-0.01	-0.0002
9	9/1	0.0007	0.0008	0.023	-0.001	-0.0005	-0.001	0.0018	0.06	-0.0002	0.01	-0.0002
9	9/2	-0.002	-0.002	0.003	-0.001	-0.0003	-0.005	-0.001	0.04	0.0001	-0.02	-0.001
10	10/1	-0.0005	0.0006	0.043	-0.001	-0.0005	-0.001	-0.001	0.08	-0.0002	0.02	-0.0002
11	11/1	-0.002	0.002	0.002	0.002	-0.0003	-0.005	-0.001	0.08	-0.0001	0.1	-0.001
12	12/1	0.002	0.0035	0.099	0.0013	-0.0005	0.001	0.0023	0.11	-0.0002	0.01	-0.0002
13	13/1	-0.0005	0.0044	0.085	0.009	-0.0005	-0.001	0.0012	0.05	-0.0002	0.01	0.0003
15	15/1	0.0016	0.0008	0.043	-0.001	-0.0005	-0.001	0.0027	0.06	-0.0002	0.13	0.0002
16	16/3	0.0034	0.0208	0.095	0.0018	0.0005	0.0033			0.0002	0.069	
19	19/3	-0.0005	0.0106	0.011	-0.001	-0.0005	-0.001	-0.001	0.1	-0.0002	0.03	0.0002
19	19/4	0.0008	0.0012	0.001	0.0014	-1E-05	0.001	0.0033		0.00012	0.083	-0.0001
19	19/5	-0.002	0.002	0.01	0.001	-0.0001	-0.004			-0.0001	-0.03	
19	19/6	-0.002	-0.002	-0.002	-0.001	-0.0003	-0.005	-0.001	0.1	0.0001	-0.02	-0.001
22	22/1	0.0014	0.0009	0.063	0.0019	-0.0005	0.001	0.0011	0.09	-0.0002	0.04	-0.0002
25	25/1	0.0006	0.0029	0.179	0.0084	-0.0005	-0.001	0.001	0.09	-0.0002	0.03	0.0002
27	27/1	0.0006	-0.0005	0.02	-0.001	-0.0005	-0.001	-0.001	0.12	-0.0002	0.01	-0.0002
28	28/1	0.0007	0.0006	0.349	-0.001	-0.0005	-0.001	0.009	0.05	-0.0002	0.01	0.0002
32	32/1	-0.002	-0.002	0.002	-0.001	-0.0003	-0.005	-0.001	0.05	-0.0001	-0.02	-0.001
33	33/1	0.0016	0.0009	0.01	0.0016	-1E-05	0.0012	0.0014		0.00012	0.326	0.00047
35	35/1	0.0013	0.001	4.66	-0.001	-0.0005	0.001	0.0024	0.05	-0.0002	0.66	-0.0002
36	36/1	0.0005	-0.0005	0.036	-0.001	-0.0005	0.003	-0.001	0.07	-0.0002	-0.01	-0.0002
37	37/11	-0.001	0.01	0.071								
38	38/1	0.001	-0.0005	0.446	-0.001	-0.0005	-0.001	-0.001	0.11	-0.0002	-0.01	-0.0002
40	40/1	0.0027	0.0158	0.429		0.0007	0.0057		0.058			
40	40/2	0.0044	0.0111	0.561		0.0007	0.007		0.058			
40	40/3	0.0019	0.0053	0.652		0.0011	0.0057		0.056			
40	40/4	0.0019	0.005	0.708		0.0009	0.0059		0.062			
40	40/5	0.0036	0.02	0.417		0.001	0.0038		0.062			
42	42/2	-0.001	0.012	0.039								
43	43/6	-0.001	0.01	0.016								
44	44/9	-0.001	0.008	0.073								
45	45/1	-0.002	-0.002	-0.002	-0.001	-0.0003	-0.005	-0.001	0.07	0.0001	0.09	-0.001
46	46/1	-0.002	-0.002	-0.002	0.004	-0.0003	-0.005	-0.001	0.09	-0.0001	0.3	-0.001
47	47/1	0.0008	0.0011	0.049	0.0017	-0.0005	-0.001	0.0021	0.1	-0.0002	0.05	0.0002
49	49/1	-0.0005	-0.0005	1.089	0.0129	-0.0005	0.003	0.0071	0.08	-0.0002	0.05	-0.0002
53	53/1	0.0026	0.0038	0.024	-0.001	-0.0005	0.002	0.0039	0.05	-0.0002	0.5	-0.0002
54	54/1	0.0006	0.0014	0.085	0.0043	0.018	0.002	0.0021	0.21	-0.0002	0.2	-0.0002
55	55/1	0.005	0.003	0.007	0.003	-0.0003	-0.005	-0.001	0.08	-0.0001	0.05	-0.001
56	56/1	0.0012	0.003	0.745	-0.001	-0.0005	-0.001	0.0015	0.031	-0.0002	0.66	-0.0002
57	57/1	0.0013	0.0108	0.045	-0.001	-0.0005	-0.001	0.0031	0.06	-0.0002	0.04	-0.0002
58	58/1	-0.0005	0.0033	0.384	0.0104	-0.0005	-0.001	0.0044	0.14	-0.0002	0.08	-0.0002
59	59/1	0.0009	0.0012	0.013	-0.001	-0.0005	-0.001	0.003	0.07	-0.0002	0.02	-0.0002
60	60/1		0.003	0.014								
61	61/1	0.0014	0.0104	0.036	-0.001	0.0007	-0.001	-0.001	0.06	-0.0002	0.12	-0.0002
62	62/1	0.0005	0.0069	0.302	0.0013	0.0006	-0.001	-0.001	0.05	-0.0002	0.02	-0.0002
63	63/1	0.0011	0.0001	0.006	0.0014	0.00002	0.0008	0.0001		0.00012	0.122	0.00075
64	64/1	0.0016	0.0034	0.258	-0.001	-0.0005	0.001	-0.001	0.04	-0.0002	0.12	-0.0002
65	65/1	0.0009	0.0008	0.088	-0.001	-0.0005	-0.001	-0.001	0.06	-0.0002	0.08	0.0002
66	66/1	0.0032	0.338	0.08	0.0013	-0.0005	0.001	0.0126	0.05	-0.0002	0.47	0.0006
70	70/1	0.0021	-0.0005	0.045	-0.001	-0.0005	0.001	-0.001	0.07	-0.0002	0.04	-0.0002
71	71/1	-0.002	-0.002	-0.002	-0.001	-0.0003	-0.005	-0.001	0.05	0.0001	-0.02	-0.001
72	72/1	-0.002	-0.002	-0.002	-0.001	-0.0003	-0.005	-0.001	0.16	-0.0001	-0.02	-0.001
73	73/1	-0.002	-0.002	0.003	-0.001	-0.0003	-0.005	-0.001	0.03	0.0001	-0.02	-0.001
74	74/1	0.0005	0.0035	0.047	0.0018	-0.0005	-0.001	-0.001	0.09	-0.0002	0.22	-0.0002
78	78/1	-0.002	-0.002	0.042	0.004	-0.0003	-0.005	-0.001	0.21	0.0001	-0.02	-0.001

ID ob.	ID vz.	Cr	Cu	Zn	As	Cd	Pb	Se	Ba	Hg	Al	Sb
79	79/1	0.0013	0.0041	0.086	-0.001	0.0007	0.001	0.0052	0.07	-0.0002	0.04	-0.0002
80	80/1	-0.002	-0.002	-0.002	-0.001	-0.0003	-0.005	-0.001	0.08	-0.0001	0.03	-0.001
81	81/1	0.0016	-0.0005	0.027	-0.001	-0.0005	-0.001	-0.001	0.03	-0.0002	0.02	-0.0002
82	82/1	0.0013	0.0005	0.003	0.0059	0.00002	0.0009	0.0004		0.00012	0.011	0.00019
83	83/1	-0.0005	0.0036	4.565	-0.001	0.0008	0.001	-0.001	0.14	-0.0002	0.02	-0.0002
84	84/1	0.0008	0.0116	0.195	-0.001	-0.0005	0.001	0.0044	0.05	-0.0002	0.13	0.0005
85	85/1	0.0017	0.0016	0.171	-0.001	-0.0005	0.003	0.006	0.09	-0.0002	0.01	-0.0002
86	86/1	0.009	-0.002	0.064	-0.001	-0.0003	-0.005	-0.001	0.1	-0.0001	-0.02	-0.001
87	87/1	0.002	0.006	0.017		0.001						
88	88/1	0.001	-0.0005	0.004	-0.001	-0.0005	-0.001	0.0028	0.03	-0.0002	0.01	-0.0002
89	89/1	-0.0005	0.0012	0.042	-0.001	0.0013	-0.001	-0.001	0.05	-0.0002	0.01	-0.0002
90	90/1	-0.002	-0.002	0.003	-0.001	-0.0003	-0.005	-0.001	0.27	-0.0001	0.04	-0.001
91	91/3	0.001	0.002	0.008								
92	92/6	0.002	0.1	0.294		0.002		0.001				
92	92/7		0.052	0.24		0.138						
93	93/1	-0.0005	0.0005	0.121	-0.001	-0.0005	0.001	-0.001	0.11	-0.0002	0.18	-0.0002
94	94/1	-0.0005	0.0012	0.379	-0.001	-0.0005	0.002	-0.001	0.1	-0.0002	0.11	0.0002
95	95/1	0.0009	0.0002	0.002	0.0024	-1E-05	0.0002	0.0004		-0.0001	0.012	0.00099
95	95/2	0.006	-0.002	-0.002	-0.001	-0.0003	-0.005	-0.001	0.03	-0.0001	-0.02	-0.001
96	96/1	0.0015	-0.0005	0.019	-0.001	-0.0005	0.001	-0.001	0.07	-0.0002	0.09	-0.0002
97	97/1	0.0008	0.007	0.214	0.0029	-0.0005	0.001	0.0023	0.1	-0.0002	0.02	0.0003
98	98/1	0.0008	-0.0005	0.128	-0.001	-0.0005	0.001	-0.001	0.04	-0.0002	0.08	-0.0002
99	99/1	0.0012	0.0016	0.276	-0.001	-0.0005	0.001	0.0018	0.05	-0.0002	0.02	-0.0002
100	100/1	0.001	0.0012	1.35	-0.001	0.0009	-0.001	-0.001	0.06	-0.0002	0.04	-0.0002
101	101/1	0.0017	0.0027	1.21	-0.001	-0.0005	-0.001	-0.001	0.03	-0.0002	0.09	-0.0002
102	102/1	0.0009	-0.0005	0.327	-0.001	-0.0005	0.001	-0.001	0.07	-0.0002	0.12	-0.0002
103	103/1	0.0013	0.0009	0.012	-0.001	-0.0005	0.001	0.0013	0.01	-0.0002	0.01	-0.0002
104	104/1	-0.0005	0.0025	0.347	-0.001	-0.0005	-0.001	-0.001	0.05	-0.0002	0.14	0.0002
105	105/1	0.0007	-0.0005	0.032	-0.001	-0.0005	0.001	0.0013	0.02	-0.0002	0.02	-0.0002
107	107/2	0.0062	0.01	1.428	0.0015	0.001	0.0074	0.0005	0.072	0.0001	-0.02	
109	109/1	-0.002	0.006	0.012	0.001	-0.0003	-0.005	-0.001	0.06	0.0001	0.61	-0.001
110	110/1	-0.0005	0.0058	0.055	-0.001	-0.0005	0.001	-0.001	0.08	-0.0002	0.02	-0.0002
111	111/1	0.002	-0.002	0.073	-0.001	-0.0003	-0.005	-0.001	0.03	-0.0001	-0.02	-0.001
112	112/1	0.0011	0.0014	0.079	-0.001	0.0006	0.001	0.0013	0.04	-0.0002	-0.01	-0.0002
113	113/1	0.0011	0.001	0.174	-0.001	-0.0005	0.001	0.003	0.07	-0.0002	0.03	-0.0002
114	114/1	0.0015	0.0019	0.075	-0.001	-0.0005	0.001	0.0019	0.1	-0.0002	0.04	-0.0002
115	115/1	0.0008	0.002	0.042	-0.001	-0.0005	-0.001	-0.001	0.05	-0.0002	0.03	-0.0002
116	116/1		0.001	0.006								
116	116/2		0.005	0.006		0.002						
117	117/1	-0.002	-0.002	0.002	0.002	-0.0003	-0.005	-0.001	0.09	-0.0001	0.04	-0.001
118	118/1	-0.0005	0.0019	0.225	-0.001	-0.0005	-0.001	-0.001	0.07	-0.0002	0.03	0.0002
119	119/1	-0.0005	0.0012	0.011	-0.001	-0.0005	-0.001	-0.001	0.04	-0.0002	0.04	0.0002
120	120/1	0.0018	0.0006	0.415	-0.001	-0.0005	0.001	0.0035	0.04	-0.0002	0.01	-0.0002
121	121/1	-0.0005	0.0014	0.076	-0.001	-0.0005	-0.001	0.0027	0.03	-0.0002	0.1	0.0002
122	122/1	-0.0005	-0.0005	0.022	-0.001	-0.0005	0.001	0.001	0.06	-0.0002	0.01	-0.0002
123	123/1	0.001	0.0006	0.104	-0.001	0.0005	0.001	-0.001	0.05	-0.0002	0.69	-0.0002
124	124/1	-0.0005	0.0014	0.037	-0.001	-0.0005	-0.001	-0.001	0.06	-0.0002	0.01	-0.0002
125	125/1	0.0025	0.0011	0.032	0.002	-1E-05	0.0005	0.0032		0.00012	0.246	0.00014
125	125/2	0.004	0.002	0.005	0.002	-0.0003	-0.005	-0.001	0.04	0.0001	0.23	-0.001
126	126/1	-0.0005	0.0029	-0.001	-0.001	0.0005	-0.001	-0.001	0.06	-0.0002	-0.01	0.0002
127	127/1	-0.0005	0.0017	0.118	-0.001	0.0005	-0.001	0.0113	0.07	-0.0002	0.19	0.0003
128	128/1	-0.0005	-0.0005	0.008	-0.001	-0.0005	-0.001	-0.001	0.05	-0.0002	0.03	-0.0002
129	129/1	-0.0005	0.0008	-0.001	-0.001	-0.0005	-0.001	-0.001	0.03	-0.0002	-0.01	0.0002
130	130/1	0.001	0.0006	0.041	-0.001	-0.0005	-0.001	-0.001	0.04	-0.0002	0.01	-0.0002
131	131/1	-0.002	-0.002	-0.002	0.003	-0.0003	-0.005	-0.001	0.05	-0.0001	0.05	-0.001
132	132/1	-0.0005	0.0051	0.129	0.0035	-0.0005	-0.001	-0.001	0.04	-0.0002	0.01	0.0003
133	133/1	-0.002	-0.002	-0.002	0.002	-0.0003	-0.005	-0.001	0.07	-0.0001	0.05	-0.001
134	134/1	0.016	0.004	0.009	-0.001	-0.0003	-0.005	-0.001	0.14	-0.0001	0.12	-0.001
135	135/1	-0.0005	0.0013	0.009	-0.001	-0.0005	-0.001	-0.001	0.108	-0.0002	0.04	0.0004
136	136/1	-0.0005	0.0008	0.025	-0.001	-0.0005	-0.001	0.0017	0.03	-0.0002	0.09	-0.0002
137	137/1	-0.002	0.004	0.01	0.001	-0.0001	-0.004			-0.0001	-0.03	
138	138/1	0.0013	0.0005	0.038	0.0057	-0.0005	0.01	-0.001	0.1	-0.0002	0.1	-0.0002
139	139/1	0.0029	0.0018	0.006	0.0018	0.00004	0.0006	0.0074		0.00012	0.157	0.00037

ID ob.	ID vz.	Cr	Cu	Zn	As	Cd	Pb	Se	Ba	Hg	Al	Sb
140	140/1	0.068	0.014	0.022	0.002	-0.0003	-0.005	-0.001	0.1	-0.0001	1.06	-0.001
141	141/1	0.0016	-0.0005	0.002	-0.001	-0.0005	0.001	-0.001	0.03	-0.0002	0.04	-0.0002
142	142/1	-0.0005	-0.0005	0.02	-0.001	-0.0005	-0.001	0.0084	0.03	-0.0002	0.01	-0.0002
143	143/1	-0.0005	0.0006	-0.001	-0.001	-0.0005	-0.001	0.0012	0.04	-0.0002	0.02	0.0002
144	144/1	-0.0005	-0.0005	1.252	-0.001	-0.0005	-0.001	0.0011	0.04	-0.0002	0.06	-0.0002
145	145/1	-0.0005	0.0016	0.05	-0.001	-0.0005	0.002	0.002	0.07	-0.0002	0.06	0.0002
146	146/1	-0.002	-0.002	0.006	0.002	-0.0003	-0.005	-0.001	0.06	-0.0001	0.02	-0.001
147	147/1	0.0005	-0.0005	0.022	-0.001	-0.0005	0.001	0.0015	0.07	-0.0002	0.03	-0.0002
148	148/1	0.0006	0.0024	0.108	0.0107	-0.0005	0.001	0.0013	0.03	-0.0002	0.01	-0.0002
149	149/1	0.0008	0.0012	0.46	-0.001	-0.0005	-0.001	-0.001	0.05	-0.0002	0.03	-0.0002
150	150/1	0.0005	0.001	-0.001	0.0024	-0.0005	-0.001	-0.001	0.01	-0.0002	0.06	-0.0002
151	151/1	0.002	0.004	0.022								
151	151/3	0.001	0.004	0.025								
153	153/1	0.0005	0.0007	0.135	0.0018	-0.0005	-0.001	0.0047	0.49	-0.0002	0.05	0.0004
154	154/1	-0.0005	-0.0005	0.057	0.0018	-0.0005	-0.001	0.0033	0.04	-0.0002	0.14	-0.0002
155	155/1	0.0005	0.0009	0.715	-0.001	-0.0005	-0.001	0.0036	0.71	-0.0002	0.02	-0.0002
156	156/1	-0.0005	-0.0005	0.309	-0.001	-0.0005	-0.001	0.0012	0.06	-0.0002	0.08	-0.0002
157	157/1	-0.002	-0.002	0.044	-0.001	-0.0003	-0.005	-0.001	0.07	-0.0001	-0.02	-0.001
158	158/1	-0.005	0.004	0.012	-0.005	0.007	-0.001		0.205			
158	158/2	-0.005	0.004	0.012	-0.005	0.009	-0.001		0.205			
160	160/1	-0.0005	0.0005	0.172	-0.001	-0.0005	-0.001	-0.001	0.09	-0.0002	0.04	-0.0002
161	161/1	-0.005	0.005	0.016	-0.005	0.004	-0.001		0.045			
161	161/2	-0.005	0.003	0.016	-0.005	0.006	-0.001		0.17			
162	162/1	-0.0005	-0.0005	0.1	-0.001	-0.0005	-0.001	-0.001	0.01	-0.0002	0.18	-0.0002
163	163/1	0.0005	0.0026	0.044	-0.001	-0.0005	-0.001	-0.001	0.17	-0.0002	0.01	-0.0002
164	164/1	-0.0005	0.0007	0.103	0.0016	-0.0005	-0.001	0.0011	0.05	-0.0002	0.02	-0.0002
165	165/1	0.0014	0.0012	0.017	0.001	-0.0005	0.001	-0.001	0.08	-0.0002	0.14	-0.0002
166	166/1	-0.0005	-0.0005	0.662	-0.001	-0.0005	-0.001	-0.001	0.14	-0.0002	0.03	-0.0002
168	168/1	0.0011	-0.0005	0.078	-0.001	-0.0005	0.002	-0.001	0.07	-0.0002	0.05	-0.0002
169	169/1	0.001	0.004	0.003		0.001						
170	170/1	0.001	0.0031	0.028	-0.001	-0.0005	-0.001	-0.001	0.17	-0.0002	0.22	-0.0002
171	171/1	-0.0005	-0.0005	-0.001	0.0018	-0.0005	-0.001	-0.001	0.63	-0.0002	0.39	-0.0002
172	172/1	0.0009	0.0013	1.002	0.0045	-0.0005	-0.001	0.001	0.36	-0.0002	0.05	-0.0002
173	173/1		0.002	0.003								
174	174/1	-0.002	0.002	0.005	-0.001	-0.0003	-0.005	-0.001	0.04	-0.0001	1.57	-0.001
175	175/1	-0.002	-0.002	0.008	0.002	-0.0003	-0.005	-0.001	0.03	-0.0001	0.04	-0.001
176	176/1	-0.002	-0.002	-0.002	0.002	-0.0003	-0.005	-0.001	0.12	0.0001	-0.02	-0.001
177	177/1	-0.0005	0.0025	0.115	-0.001	-0.0005	-0.001	0.0034	0.04	-0.0002	0.07	-0.0002
178	178/1	-0.0005	-0.0005	0.082	-0.001	-0.0005	-0.001	-0.001	0.05	-0.0002	0.03	-0.0002
179	179/1	0.002	0.01	0.021	0.001	-0.0003	0.005	-0.001	0.09	0.0001	0.28	-0.001
180	180/1	-0.0005	0.0034	0.056	0.0012	-0.0005	-0.001	0.0155	0.06	-0.0002	0.03	-0.0002
181	181/1	-0.002	-0.002	-0.002	-0.001	0.0004	-0.005	-0.001	0.03	-0.0001	0.02	-0.001
182	182/1	-0.002	-0.002	3.59	0.002	0.0008	-0.005	-0.001	0.06	-0.0001	0.34	-0.001
183	183/1	-0.0005	0.001	0.029	-0.001	-0.0005	-0.001	-0.001	0.02	-0.0002	0.06	-0.0002
185	185/1	-0.002	0.003	0.028	0.003	-0.0003	-0.005	-0.001	0.15	-0.0001	-0.02	-0.001
186	186/1	-0.002	0.005	0.011	-0.001	-0.0003	-0.005	-0.001	0.07	-0.0001	0.19	-0.001
187	187/1	-0.0005	0.0027	0.074	-0.001	-0.0005	-0.001	-0.001	0.56	-0.0002	0.02	-0.0002
188	188/1	-0.0005	0.0026	-0.001	0.0057	-0.0005	0.001	-0.001	0.05	-0.0002	0.06	0.0006
189	189/1	-0.002	-0.002	-0.002	-0.001	-0.0003	-0.005	-0.001	1.06	-0.0001	-0.02	-0.001
189	189/2	0.002	0.0017	0.002	0.0023	0.00037	0.0066	0.0013		0.00012	0.033	-0.001
190	190/1	-0.002	0.006	0.008	0.002	-0.0003	-0.005	-0.001	0.08	-0.0001	0.7	-0.001
191	191/1	0.0009	0.0019	0.098	0.001	-0.0005	-0.001	0.0011	0.38	-0.0002	0.02	-0.0002
192	192/1	0.0012	0.0158	8.94	-0.001	0.0006	-0.001	0.002	0.48	-0.0002	0.01	-0.0002
193	193/1	-0.0005	0.0011	0.04	-0.001	-0.0005	-0.001	0.0086	0.06	-0.0002	0.17	-0.0002
194	194/1	0.0008	0.0025	0.21	-0.001	-0.0005	-0.001	0.0035	1.21	-0.0002	0.03	-0.0002
195	195/1	0.001	0.0037	0.295	0.0012	-0.0005	-0.001	-0.001	0.04	-0.0002	0.21	-0.0002
197	197/1	0.0007	0.0022	0.253	-0.001	-0.0005	-0.001	0.0025	0.26	-0.0002	0.09	-0.0002
198	198/1	0.0015	0.002	0.672	0.0016	-0.0005	-0.001	0.003	0.39	-0.0002	0.04	0.0002
199	199/1	0.0005	-0.0005	0.008	-0.001	-0.0005	-0.001	0.0016	0.35	-0.0002	0.09	-0.0002
200	200/1	0.0009	0.0011	0.004	0.0011	-1E-05	0.0009	0.0007		0.00012	0.142	-0.0001
201	201/1	0.0005	-0.0005	0.245	-0.001	-0.0005	0.001	0.0021	0.09	-0.0002	0.05	-0.0002
203	203/1	0.0006	0.003	0.024	-0.001	-0.0005	-0.001	0.0013	0.17	-0.0002	0.1	-0.0002
204	204/1	0.0006	0.0005	0.72	-0.001	-0.0005	-0.001	0.0036	0.59	-0.0002	0.19	-0.0002



ID ob.	ID vz.	Cr	Cu	Zn	As	Cd	Pb	Se	Ba	Hg	Al	Sb
205	205/1	0.0007	-0.0005	0.087	-0.001	-0.0005	0.001	0.0019	0.07	-0.0002	0.09	-0.0002
206	206/1	-0.0005	-0.0005	0.004	-0.001	-0.0005	-0.001	-0.001	0.05	-0.0002	0.1	-0.0002
207	207/1	0.003	0.0024	0.009	0.0018	-1E-05	0.001	0.001		0.00024	0.542	0.00016
208	208/1	0.0022	-0.0005	-0.001	-0.001	-0.0005	-0.001	-0.001	0.09	-0.0002	0.17	-0.0002
210	210/1	0.0005	0.0023	0.077	-0.001	-0.0005	-0.001	0.0026	0.85	-0.0002	0.02	-0.0002
212	212/1	-0.002	-0.002	0.004	-0.001	-0.0003	-0.005	-0.001	0.09	0.0001	0.04	-0.001
213	213/1	0.0012	0.0023	0.133	0.0017	-0.0005	-0.001	0.0016	0.62	-0.0002	0.34	-0.0002
214	214/1	-0.002	0.002	0.003	-0.001	-0.0003	-0.005	-0.001	0.03	-0.0001	0.04	-0.001
215	215/1	0.0006	0.0069	0.188	-0.001	-0.0005	-0.001	0.001	0.76	-0.0002	1.71	-0.0002
216	216/1	-0.002	0.002	0.009	0.002	-0.0003	-0.005	-0.001	0.06	-0.0001	0.11	-0.001
217	217/1	0.0016	0.0072	0.181	0.0015	-0.0005	-0.001	0.0026	0.56	-0.0002	0.02	-0.0002
218	218/1	0.0005	0.0008	0.005	0.0041	-1E-05	-0.0001	0.0006		-0.0001	0.072	0.00076
219	219/1	0.0008	0.0068	1.141	-0.001	-0.0005	-0.001	0.0014	1.05	-0.0002	0.01	-0.0002
220	220/1	-0.002	-0.002	0.005	0.001	-0.0003	-0.005	-0.001	0.02	-0.0001	-0.02	-0.001
221	221/1	0.0013	0.0075	0.034	0.0037	-0.0005	0.003	0.0084	0.05	-0.0002	0.14	0.0004
222	222/1	-0.002	0.002	0.012	0.003	-0.0003	-0.005	-0.001	0.04	-0.0001	-0.02	-0.001
223	223/1	0.0008	0.0026	0.029	0.0052	-0.0005	-0.001	0.0048	0.34	-0.0002	0.65	-0.0002
224	224/1	0.0068	0.0027	0.399	-0.001	-0.0005	-0.001	0.0011	0.37	-0.0002	0.15	-0.0002
225	225/1	-0.0005	-0.0005	-0.001	0.0015	-0.0005	0.002	0.0092	0.06	-0.0002	0.14	-0.0002
226	226/1	0.0032	0.0014	0.003	0.003	0.00004	0.0053	0.0005		0.00012	0.161	0.00052
227	227/1	-0.0005	-0.0005	0.163	-0.001	-0.0005	0.001	-0.001	0.05	-0.0002	0.12	-0.0002
228	228/3		0.0007	0.216	0.0024	0.0003	0.0074			0.0002	0.011	
229	229/1		0.007	0.036								
229	229/3	0.007	0.01	0.037								
229	229/4	-0.002	0.002	0.01	-0.001	-0.0001	-0.004			-0.0001	-0.03	
230	230/1	-0.002	-0.002	0.006	-0.001	-0.0003	-0.005	-0.001	0.02	-0.0001	-0.02	-0.001
231	231/1	0.0015	-0.0005	0.012	-0.001	-0.0005	0.002	0.0019	0.03	-0.0002	0.03	-0.0002
232	232/1	-0.0005	0.0005	0.021	-0.001	-0.0005	0.001	0.0015	0.1	-0.0002	0.05	-0.0002
233	233/1	-0.002	0.003	0.014	0.001	-0.0003	-0.005	-0.001	0.06	-0.0001	-0.02	-0.001
234	234/1	0.0009	0.0012	0.092	-0.001	-0.0005	-0.001	0.0056	0.84	-0.0002	0.06	-0.0002
235	235/1	-0.0005	0.0007	0.009	-0.001	-0.0005	-0.001	0.002	0.08	-0.0002	0.03	-0.0002
236	236/1	-0.0005	-0.0005	0.03	-0.001	-0.0005	-0.001	-0.001	0.16	-0.0002	0.04	-0.0002
237	237/1	0.0006	0.0016	0.245	-0.001	-0.0005	-0.001	-0.001	0.76	-0.0002	0.02	-0.0002
238	238/1	0.0008	0.0006	0.392	-0.001	-0.0005	0.001	0.0025	0.09	-0.0002	0.08	-0.0002
239	239/1	0.002	0.003	0.016		0.003						
240	240/1	0.0006	0.0033	0.073	-0.001	-0.0005	0.001	0.002	0.84	-0.0002	0.01	-0.0002
241	241/1	0.0007	0.0022	1.145	-0.001	-0.0005	0.002	0.0017	0.06	-0.0002	0.05	-0.0002
242	242/1	-0.0005	-0.0005	0.463	-0.001	-0.0005	-0.001	-0.001	0.1	-0.0002	0.1	-0.0002
243	243/1	-0.002	-0.002	0.01	-0.001	-0.0003	-0.005	-0.001	0.22	-0.0001	-0.02	-0.001
244	244/1	-0.0005	0.0008	0.037	-0.001	-0.0005	0.001	-0.001	0.03	-0.0002	0.15	-0.0002
245	245/2	0.004	0.002	0.005								
246	246/1	-0.002	0.003	0.005	-0.001	-0.0003	-0.005	-0.001	0.1	-0.0001	0.05	-0.001