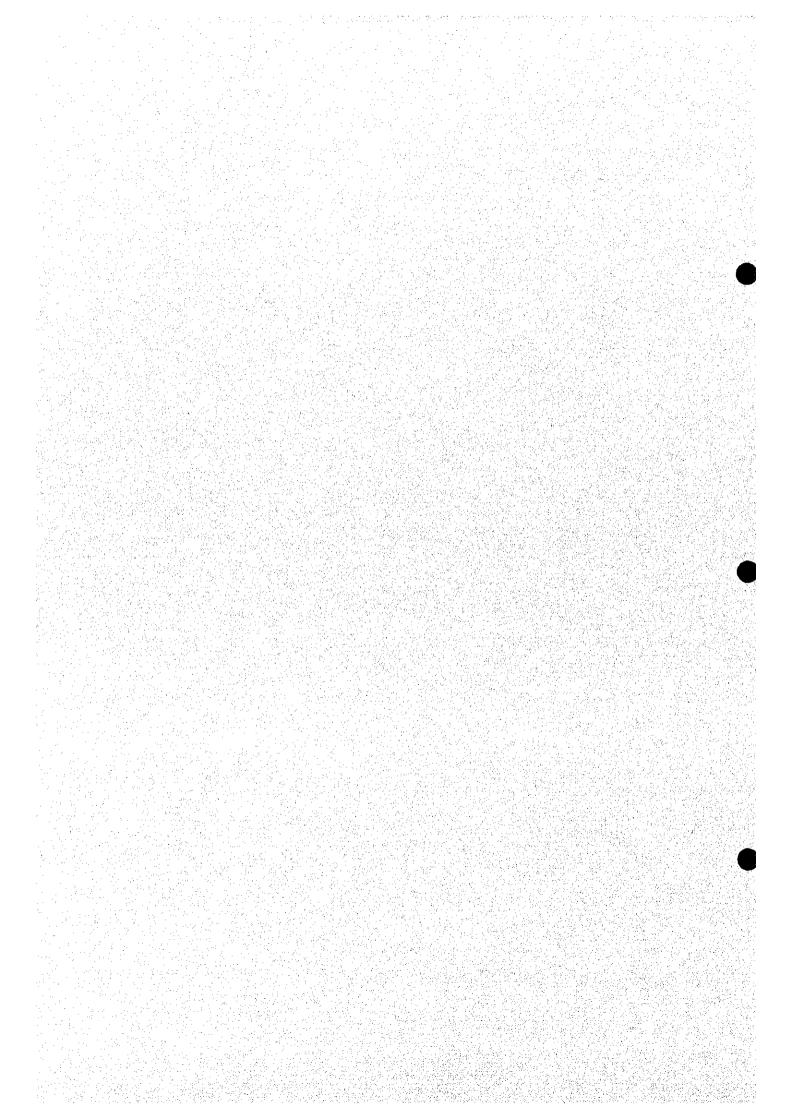
### Annex 3

Drinking Water Quality Monitoring



### Annex 3 DRINKING WATER QUALITY MONITORING

### 1. Water Quality Analysis

The Ministry of Health and the Republic Institute for Health Protection (RIHP) has responsibility of water quality test for drinking water including groundwater and spring water. There are ten (10) regional institutes of health protection and twenty (20) local units under the ministry as shown in Figure B.55. The regional institute of health protection can carry out basic water quality analysis, which is equivalent to regular water quality analysis, for drinking water and the RIHP has responsibility of full analysis of chemical components including radiology and pesticides, which is equivalent to periodical water quality analysis.

### (1) Regular Water Quality Analysis

According to the regulation for quality and pollution of drinking water (Official Gazette No. 5, 1984), the regular and periodical water quality analyses should be required. The regular water quality analysis is composed of the following components;

- Microbiological component: total coliform bacteria, coliform bacteria of faecal origin and total aerobic mezophile bacteria
- Physical and chemical components: temperature, color, taste, odor, pH, ammonia, nitrate, nitrite, chloride, iron, manganese, KMnO<sub>4</sub>, and residual chloride

The sampling interval for the regular water quality analysis should depend on the size of population within the water supply system as follows,

Number of population	Sampling	Minimum number	Minimum number
·	interval	of samples for each	of samples for each
		sampling	month
Less than 5,000	30 days	3	2
5,000 10,000	30 days	4	4
10,000 20,000	15 days	4	8
20,000 50,000	7 days	5	20
50,000 100,000	4 days	6	45
100,000 200,000	2 days	7	105
200,000 400,000	1 day	. 8	240
More than 400,000	1 day	10	300

### (2) Periodical Water Quality Analysis

The periodical water quality analysis is composed of the following components and should be done at least twice a year,

- Same components for the regular water quality analysis
- Calcium, magnesium, fluoride, lead, zinc, copper, selenium, sulphate, and total and carbonate hardness
- Pesticides

In the case of newly established water supply systems, the periodical analysis should be done four times a year and radiological components should be examined twice a year for acquirement of scientific evidence.

There is no indicator of pesticides according to the Republic Institute for Health Protection. However, various kinds of pesticides have been produced for agricultural and industrial uses and the pesticides might be utilized for various purposes. Therefore, the regulation for drinking water should be revised periodically. The water quality analysis for various kinds of newly produced pesticides should be required for safety utilization of the water sources, which are located near or within agricultural and industrial areas.

### 2. Sanitary Protection Zone

Concerning areas around water sources for public water supply, sanitary protection zones should be established in order to prevent water pollution from human and animal activities. The sanitary protection is regulated in Macedonia and three categories of the sanitary protection zones are defined, i.e., primary (strongly controlled), secondary (restricted), and tertiary (systematically observed) protection zones. The protection zones of the springs for water supply are defined with the regulation for defining and maintenance of the protection zones of the springs for water supply, "Official gazette of R. M. No.17/83, July 1, 1983" and the articles 64, 65 and 66 of the Law on Water, "Official gazette of R. M. No.6/81, March 4, 1981". The sanitary protection zones should be determined according to the following data:

- Type and yield of spring
- Origin and quality of the water
- Direction and speed of ground and surface water in natural conditions and in conditions of water utilization
- Geological structure, pedological characteristics, land configuration, and hydrological and hydrogeological aspects
- Utilization and land management from the viewpoint of water pollution
- Sanitary and technical characteristics of capturing and water distribution
- Current population in the tertiary protection zone, including the existence, development,
   and the communal infrastructure

The primary sanitary protection zones are most often fenced and well controlled. The secondary sanitary protection zones are prevented from traverse of farmers and animals. The following water

sources are protected in the sanitary protection zones around the water sources. The tertiary sanitary protection zones are very rarely established and not necessarily maintained by communal enterprises or local governments, even if there are regulations for the sanitary protection zones. The following tables show the sanitary protection zones in an area of ha by water source.

City / Town	Water source	Sanita	ry protection zor	ne (ha)
		Primary	Secondary	Tertiary
Skopje	Rashche (spring)	36	19,000	191,000
Gostivar	Vrutok (spring)	0.171	8.3	27
Tetovo	Uliverchki (spring), etc.	3.56		
Veles	Reni (well), etc.	9	35	
Pehchevo	Judovi Livadi (intake)	3	100	
Kochani	Grdovski Orman (12 wells)	20		
Struga	Shum (spring)	2.5		
	Radolishta (spring)	1.1		
	Radozhda (spring)	0.1		

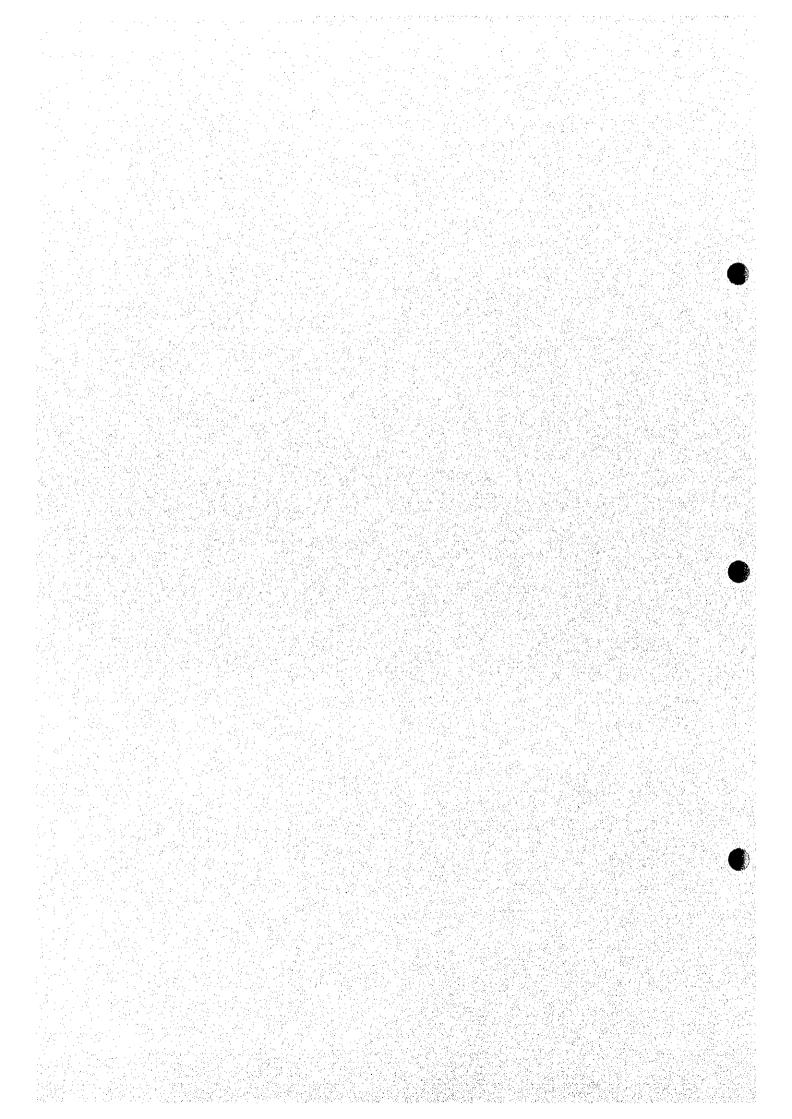
The sanitary protection zones are established for the following water sources of the towns,

- Kichevo
- Makedonski Brod
- Kriva Palanka
- Kumanovo
- Sveti Nikole
- Probishtip
- Demir Hisar
- Prilep
- Debar
- Resen
- Ohrid
- Radovish



Annex 4

Legend of Geology



### Table AN4.1 Legend of Geology (Polog Valley)

### Legend

	Legen	ia .	
	OUATER	ARY / KVARTER	
1		Alluvium	Aluvium
2		Actual alluvial cone	Sovremeni plavinski materijal
3	-	Talus cone	Sipari Proluvijalno-deluvijalen materijal
4 5		Profuvial-diluvial deposits Diluvium	Deluvium
6		Stope braccia	Padinski brechi
7		Proluvium	Proluvium
8		Limnic terrace (lower terrace)	Ezersko-terasni sedimenti ( poniska terasa ) Ezersko-terasni sedimenti ( povisoka terasa )
9 10	t2 fgl	Limnic terrace (upper terrace) Glaciofluvial sediments	Głaciofluvijalen materijal
11		Morain	Moreni
12		Quaternary in general ( only on the profile )	Kvarter vo opshlo (samo na profilot)
	TERTIAR	Y / TERCIER	
13		Sandy clay, sand and mari	Pesoklivi glini, pesoci i laporci
14	×	Rhyolite	Riolitl
	CRETAC	EOUS / KREDA	
15		Argillite-phyllite	Argilofiliti
16		Sandstone, claystone, argiloschiste and timestone	Pesochnici, glinci, argiloshisti i varovnici
	-		
		C PERIOD / JURA	Serpentiniti
17 18	Se λ	Serpentinite Lamprophyre	Lamprofiri
19	ηĴ	Keratophyre	Keratofiri
20	λĴ	Rhyolite	Rioliti
21	ββ	Diabase	Dijabazi
22	6.1	Diorite	Dioriti
23	γJ	Granite of Padalishte Granite of Vrutok	Padalishki graniti Vrutichki graniti
24 25	γJ δγ <b>J</b>	Grandiorite	Granodioriti
26	J	Chert	Rozhnaci
27	Ĭ	Limestone	Varovnici
28	J	Claystone, sandstone, argilloschiste, chert and limestone	Glinci, pesochnici, argiloshisti, rozhnaci i varovnoi
		- PALEOZOIC / TRISJA - PALEOŽOIK	
29	T <sub>2,3</sub>	Plate limestone	Ptochesti varovnici
30	127	Marbly limestone	Sivobeli mermerizirani varovnici Bituminozni mermeni
31 32	T₂? T₂?	Bituminous marble Dolomite marble	Dolomitski mermeri
	T2	Limestone with chert	Varovnici so rozhnaci
33 34	$T_{1,2}$ ?	Sandtone and quartzite	Pesochnici i kvarciti
35	T <sub>1,2</sub> ?	Marbly limestone	Sivobeli mermerizirani varovnici Serija na zeleni shkrilci i dijabazi
36 37	T <sub>1.2</sub> ?	Series of green-schist and diabose Breccia limestone	Brecholdni varovnici
38	Τ <sub>1,2</sub> Τ <sub>1,2</sub>	Limestone with chert	Varovnici so rozhnaci
39	P,Ť	Quartz-sandstone and quartzite	Kvarcni pesochnici i kvarciti
40	P,T	Quartz-sericite-clayey schist	Kvarc-sericit-glinoviti shkrilci
41	SgrPz	Carbonate-graphite schist	Karbonatno-grafitni shkrilci
42	A	Amphibolite Metagabbro	Amfiboliti Metagabrovi
43 44	₽B	Metadiabase	Metadijabazi
45	X	Metarhyolite	Metarioliti
46	FC <sub>3</sub>	Phyllite	Filiti
47	MC <sub>3</sub>	Carbonatic schist and marbly limestone	Karbonatni shkrilci i mermerasti varovnici
48	SepC₃		Metadijabazi i zeleni shkriki Plochesti krinoidski mermeri
49 50	MD <sub>1,2</sub>	Plate ( sheet ) crinoidea marble Calcitic marble	Kalcitski sivobeli masivni mermeri
51	MdD <sub>12</sub>	Dolomite marble	Dolomitski mermeri
52		Carbonate schist and plate marble	Karbonatni shkritci i plochesti mermeri
53	SqD <sub>1,2</sub>		Kvarc-hloritki shkriki
54	$D_{1,2}$	Meta-sandstone	Metapesochnici
55		Quartzite	Kvarciti Metakongkomerati
56 57	D <sub>1,2</sub> FD <sub>1,2</sub>	Meta-conglomerate Phyllitoide	Filitoidi
J	1 121,2	i ilyinto toe	1 11004
	PALEOZ	OIC / PALEOZOIK	ONi
58	Y	Granite	Graniti
59		Quartz-sericite schist	Sericit-kvarcni skrilci Metakvarcporfiri
60		Metaquartz porphyry	Karbonatni skrilci i mermerisani varovnici
61		Calc schists and marbly limestone Varied albitic mostly green schists	Raznovidni albitizirani pretezno zeleni shkrilci
62 63			Grafitioni sericitkvaroni shkrilci
64		Quartz mica schist and metasandstone	Kvarc-muskovitski shkrilci i metapeshchari
٠.	•		
65		RIPHEIAN) CAMBRIAN / RIFEJ KAMBRIUM  Plate dolomite and dolomite marble	Plocesti dolomiti i dolomiticni mermeri
66		Cipolin (crystalline limestone) and marble	Cipolini I mermeri
67		Albitoid phyllite-mica schist and green schist	Albitizirani filitomikasisti i zeleni shkrilci
68	Sgr	Graphite schist	Grafitioni shkrilci
	PRECAI	MBRIAN / PREKAMBRIUM	
69	δγ	Granodiorite	Granodioriti
70		Middle grained grey-white calcareous marble	Srednozmesti sivobeli kelcitski mermeri Belosivi sitnozmesti dolomiti
71 72		White-grey fine grained dolomite  Dark-grey to black medium grained calcite marble	Temnosivi do cmi srednozmesti kalcitski mermeri
73		Grey middle grained calcareous marble with dolomatic layers	Sivi srednozmesti kalcitski mermeri so proslojci od dotomiti
74	Smba	Quartz-barite mica schist	Kvarc-baritski mikashisti
75		Cipolin (crystalline limestone) and marble	Cipolini i mermeri
76		Granat-mica schists	Granatski mikashisti Albitski gnajsevi
77 78		Albite gneiss Marble	Mermeri
79		Mica schist	Mikashisti
80	Sgr	Quartz-graphite mica schist	Kvarc-grafitioni mikashisti
81		Granat-mica schists	Granatski mikashisti Dvoliskunski okcastoamigdaloidni gnajsevi
82 83		Two-mica eyed-amygdaloidic gneiss Banded muscovite gneiss	Dvojiskonski okcastoamigoalotdili gilajsevi Trakasti muskovitski gnajsevi
Q3	. GHI.	Be then it tonored the Strates	<b>yy</b>

### Table AN4.2 Legend of Geology (Pelagonija Valley)

### Legend

	QUATER	NARY / KVARTER	
1	al	Alluvjum	Aluvium
2	pr	Slope material	Proluvium
3	ď	Diluvium	Deluvium
4	ь.	Organogenic marsh ( bog iron ) sediments	Organogeno-mochurishni sedimenti
5	ť	River terrace	Rechni terasi
6	fgi	Glaciofluvial deposits	Głaciofluvijalni naslagi
7	gi	Morain deposits	Morenski naslagi
Ŕ	ă	Quaternary ( only on the profile )	Kvarter vo opshto ( samo na profilot )
U	Q	addiction of the promot	, , , , , , , , , , , , , , , , , , ,
		Y / TERCIJAR	01.1.53
9	Ы	Gravel and sand	Chakali i pesoci
	MESOZO	IC / MEZOZOIK	
10		Contact-metamorphic changes	Kontaktnometamorfni izmeni
11		Contact-metasomatic changes ( granitisation and feldspathization )	Kontaktnometasomatski izmeni ( granitizacija i feldsatizacija )
12	Υ	Leucocratic myrmekite granite	Leukokraten mirmekitski granit
13	88	Diabase	Dijabazi
14	νββ	Dolerite streak	Doleritski zhili
15		Gabbro	Gabrovi
10	v	Gabbio	Q45.011
	MESOZIO	-TRIASSIC / MEZOZOIK-TRIJAS	
16	T 2.3	Massive limestone	Masivni varovnici
17	T 23	Plate ( sheet ) limestone	Piochesti varovnici
18	T <sub>1</sub>	Marly limestone	Laporoviti varovnici
19	T <sub>1</sub>	Conglomerate	Konglomerati
			•
	PALEUZ	OIC / PALEOZOIK	Tamanualanadai ismani
20		Thermo-metamorphic changes	Termormetamorfni izmeni
21	γ	Alkaline granite	Alkaini graniti
22	ε	a) Syenite; b) Leucocratic syenite	Sienit; b) leukokraten sienit
23	γδ	Granodiorite	Granodiorit
24	yδ	Schistose (shaly) granodiorite	Shkrilest granodiorit
	DALEO2	OIC-DEVONIAN / PALEOZOIK-DEVON	
25	M	Dolomite marble	Dolomitski mermeri
	M'	Marblized limestone	Mermerizirani varovnici
26			Rozhnaci
27	Ssi	Hornfels	Metamorfirani konglomerati, pesochnici, filiti i dr.
28	Sq	Metamorphic conglomeate, sandstone, phyllite etc	ateFiliti, argiloshisti, argilofiliti, metapesochnici; a) metamorfirani konglomerati
29	Sqse		Graffichni shkrilci
30	Sgr	Graphite schist	Metamorfirani rioliti
31	X	Metamorphosed rhyolite	
32	ββ	Metamorphosed diabase	Metamorfirani dijabazi
33	ν	Metamorphic gabbro	Metamorfrani gabrovi
34	Q	Quartzite	Kvarciti
35		Green schist; a) conglomerate	Zeleni shkriki; a) konglomerati
36		Biotite schist	Biotitski shkrilci
37	Sse	Quartz & quartz-sericite schist	Kvarcni i kvarcno-sericitski shkrilci
38		Marble & cipolin (crystalline limestone)	Mermeri i cipolini
39	Gab	Albite gneiss	Albitski gnajsevi
40	Sm	Mica schist	Mikashisti
41	Smgr	Graphite mica-schist	Grafichki mikashisti
42	G.	Gneiss	Gnaisevi

### Table AN4.3 Legend of Geology (Skopje Valley)

		100111111111111111111111111111111111111	85 (F3 - ( )
	HOLOCEN	E / HOLOCEN	
1		Alluvium	Aluvium
2	\$	Taius cone	Sipari
3	d	Diluvium Code signa	Deluvium
4 5	pr mk	Prokryium Stone sea	Proluvium More na kamenja
•			more tia kalilelija
•		ENE / PLEISTOCEN	Marka Makasa and Marka and a days and a days
6 7	dpr	Diturial-proturiat deposits Lower terrace	Deluvijalno-proluvijalen nanos (postar proluvium) Poniska rechna terasa
8	t <sub>2</sub>	Межит тепласе	Sredna rechna terasa
9	15	Upper terrace	Povisoka rechna terasa
10	ij.	Lacustrine terrace deposits	Ezerski-terasni nastagi
11	fgi	Glaciofluvial deposits	Głacio-fluvijalni sedimenti
12 13	gl d	Morain deposits Slope breccia	Morenski materijal Padinski brechi
14	i	Calc tufe	Bigorlivi varovnici i bigor
15	i	Travertine and only marble	Traveron i mermerni oniks
16	j	Lacustrine deposits	Ezerski sedimenti
	PLICCENE	PLIOCEN	
17	Pl <sub>3</sub>	Sand, clay and sandy clay	Pesoci, glini, supesoci I suglini
18	PI	Gravel, sand, sandy clay and mar!	Chakali, pesod, pesoktivi glini i laporci
	MOCENE	MICCEN	
19	M <sub>3</sub>	Sandstone, clay and clay mari	Pesochnici, glini i laporci
20	M <sub>3</sub>	Basal conglomerate	Bazalni konglomerati
21	M <sub>2</sub>	Marl, silty bentonithic and sand	Laporci, alevritsko-bentonitski glini i pesoci
		IE / OLIGOCEN	
22	. 9	Pyroclastic material (pyroclastite)	Piroklasiiti
23 24	či,	Trachyte Sandstone, clay mart, clay, conglomerate and breccia	Trahiti Pesochnici, lapord, glini, konglomesati i brechi
25	Ol <sub>2</sub>	Reef coral limestone	Sprudni koralni varovnici
26	Olı	Conglomerate, sandstone, shale and reef coral timestone	Konglomerati, pesocnici, glinci i sprudni varovnici
	CRETACE	OUS / KPEDA	
27	K <sup>2.3</sup>	DUS / KREDA Carbonate flysch	Karbonatna serija na flish (turon, senon)
28	K2.3	Sandy flysch	Pesochnicka serija na fiish (buron, senon)
29	K. 3	Basel clastics	Basaini konglomerati i brechi (turon, senon)
30 31	K₂ K₂	Oiistostrome horizon Boulder facies	Olistoskomski horizont Blokovska serija
32	K <sub>2</sub>	Intraformational conglomerate	Interseriski konglomerati
33	K <sub>2</sub>	Non Sysch deposit	Nefisni sedimenti
34	K <sub>2</sub>	Flysch series	Flishna serija
35	K <sub>1,2</sub>	Sandstone series	Pesochnicka serija
36	K <sub>1,2</sub>	Massive limestone	Masivni varovnici
	JURASSIC		
37	βß	Diabase Cabbas Sabasa	Dijabazi Cabustiahari
38 39	νββ Se	Gabbro-diabase Serpentinite	Gabrodjabazi Serpeniniti
40	Σ	Mixed series	Meshana serija
41	ι	Pyroxenite	Pirokseniti
42	90	Dunite	Duniti
43 44	z, oba	Harzburgite Ultrabasic rock (only in the columnar section)	Haroburgiti Ultrabazioni steni (samo vo stolbot)
		COMPANIE SOCY (OUR BE DESCRISED SECROSIS)	
45	Α.	Amphibolite, amphibole and amphibolite schist	Amfiboliti, amfibolski i amfibolitski shkrilci
45 46	Ÿ,	Amphibolite, amphibole and amphibolite schist Ophlotitic melange with olistolith	Amfiboliti, amfibolski i amfibolitski shkrilci Ofiolitski melanz so olistoliti
	J	Ophlotitic melange with olistolith	
	J	Ophloitic melange with olistolith  PALEOZOIG / TRIJAS-PALEOZOIK  Massive crystalline firmestone	Oficilitski metanz so olistoliti  Masivni metmerasti varovnici
46 47 48	J TRIASSIC- T <sub>2,3</sub> T <sub>2,3</sub>	Ophlotific melange with olistotith PALESCENC / TRELAS_PALEOZOME Massive crystalline finesione Dolomite	Officialski melanz so olistoliti  Masivni mermerasti varovnici Dolomiti
46 47 48 49	J TRIASSIC- T <sub>2,3</sub> T <sub>2,3</sub> T <sub>2,3</sub>	Ophlotific melange with olistotith PALEOZOIG / TRUIAS-PALEOZOIK Messive crystalline finesione Dolomite Cherty limestone	Oficialisti metanz so olistoliti  Masivni mermerasti varovnici  Dolomiti  Varovnici so rozinijeci
46 47 48 49 50	J TRIASSIC- T <sub>23</sub> T <sub>23</sub> rq	Ophiolitic melange with olistolith PALEOZORC / TRILLAS-PALEOZORK Massive crystalline simesione Dolomite Cherty limestone Quartz-porphyry	Ośloktaki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti  Varovnici so rozbnjeci Kwaroporki
46 47 48 49	J TRIASSIC- T <sub>23</sub> T <sub>23</sub> rq ββ	Ophlotitic melange with olistotith PALEOZOK/ TRILIAS-PALEOZOK Massive crystalline fimestone Dolomite Cherty limestone Clariz-porphyry Diabase and spilite	Oficialisti melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozinjeci Kvaroporini Dolomi i spatiti
46 47 48 49 50 51	J TRIASSIC- T <sub>23</sub> T <sub>23</sub> rq	Ophiolitic melange with olistolith PALEOZORC / TRILLAS-PALEOZORK Massive crystalline simesione Dolomite Cherty limestone Quartz-porphyry	Ośloktaki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti  Varovnici so rozbnjeci Kwaroporki
46 47 48 49 50 51 52 53 54	J TRIASSIC- T <sub>2.3</sub> T <sub>2.3</sub> rq ββ P,T ?	Ophloitic melange with olistotith PALEOZOKC / TRILAS-PALEOZOK Massive crystalline fimestone Dolomite Cherty limestone Quartz-porphyry Duabase and spilite Crystalline fimestone Epidote-activolité schist Phylite, metamorphic sandstone and schist	Officialski melaniz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozinijeci Kvaroporikri Usbasi i spatiti Memerasti varovnici Epidot-aktinolitski shlarikd Fitti, melamorfisani pesochnici i shlariki
46 47 48 49 50 51 52 53 54 55	J TRIASSIC- T <sub>2.3</sub> T <sub>2.3</sub> τ <sub>2.5</sub> τ <sub>2.9</sub> ρβ P,T? P,T? P,T?	Ophiolitic melange with olistolith PALEOZOIC / TRELAS-PALEOZOIK Massive crystalline imesione Dolomite Cherty limestone Quartz-porthry Diabase and spikle Crystalline innestone Epidote-actinolité schist Phylitic, metamorphic sandstone and schist Hydrothermal alteration	Ościataki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozbnjeci Kwaroporiki Diabasi i spiliti Memmerasti varovnici Epidot-aktinolitaki shlorici Filiti, metamorisani pasochnici i shlorici Hidrotermalni izmeni
46 47 48 49 50 51 52 53 54 55	J TRIASSIC- T <sub>23</sub> T <sub>23</sub> τ <sub>23</sub> τ <sub>29</sub> τ <sub>3</sub> τ <sub>4</sub> κ <sub>7</sub> κ <sub>7</sub> κ <sub>7</sub> κ <sub>7</sub> κ <sub>7</sub> κ <sub>7</sub> κ <sub>7</sub> κ <sub>7</sub>	Ophicitic melange with oistolith PALEDZOIG / TRELAS-PALEDZOIK Massive crystalline simestone Dolomite Cherty limestone Quartz-porphyy Diabase and spilite Crystalline himestone Epidote-activities schist Phylitic, metamorphic sandstone and schist Hydrothermal alteration Gabbro	Oślotkski melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozinjaci Kvaroportici Diabasi i spikti Memerasti varovnici Epidot-aktionistali shlurikol Filiti, metamorfisani pesochnici i shlurikol Hiddotermaini izmeni Gabrovi
46 47 48 49 50 51 52 53 54 55	J TRIASSIC- T <sub>23</sub> T <sub>23</sub> T <sub>23</sub> rq ββ P,T? P,T? P,T?	Ophiolitic melange with olistolith PALEOZOIC / TRELAS-PALEOZOIK Massive crystalline imesione Dolomite Cherty limestone Quartz-porthry Diabase and spikle Crystalline innestone Epidote-actinolité schist Phylitic, metamorphic sandstone and schist Hydrothermal alteration	Ościataki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozbnjeci Kwaroporiki Diabasi i spiliti Memmerasti varovnici Epidot-aktinolitaki shlorici Filiti, metamorisani pasochnici i shlorici Hidrotermalni izmeni
46 47 48 49 50 51 52 53 54 55 56 57 58 59	J TRIASSIC- T <sub>2.3</sub> T <sub>2.3</sub> τ <sub>2.3</sub> τ <sub>2.9</sub> τ <sub>3</sub> ββ P.T.? P.T.? P.T.? V Sab	Ophicitic melange with oistolith PALEOZOIC / TRILAS-PALEOZOIK Massive crystalline fimestone Dolomite Cherty limestone Cherty limestone Cherty limestone Cherty limestone Cherty limestone Epidote-activities schist Epidote-activities schist Phylitie, metamorphic sandstone and schist Hydrothermal atteration Gabbro Albitoid chiorite-epidote-sericite schist Granitoid rocks Quartzite	Oślotkski melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici ao rozinjaci Kvaroporikri Diabasi i spatki Memerasti varovnici Epidot-aktivolski shkrikol Fikti, meta morfisani pasochnici i shkrikol Hidrotermaini izmeni Gabzovi Abbitzirani hlorit-epidotseritski shkrikol Grantiocini steni
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60	J TRIASSIGN T <sub>2.3</sub> T <sub>2.3</sub> τ <sub>2.3</sub> τ <sub>2.9</sub> κ <sub>β</sub> P,T? P,T? P,T? P,T? V Sab T Q M	Ophiolitic melange with olistolith PALEOZORC / TRELA-PALEOZORK Massive crystalline imesione Dolomite Cherty limestone Questz-prophyry Diabase and spikle Crystalline imesione Epidote-actinolitic schist Phylitic, metamorphic sandstone and schist Hydrothermal atteration Gabbro Abbroid chiorite-epidote-sericite schist Granitold rocks Quartzite Marble and calcachist	Ościataki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozbnjeci Kwaroportki Diabasi i spikti Memerasti varovnici Epidot-aktinoktaki shkritel Fikti, meta morišani pascobnici i shkritel Hidrotermakini izmeni Gabrovi Abbitzirani hlorit-epidotseritski shkritci Granticidni steni Kwardii Mermeri i kalhshisti
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61	J TRIASSIC- T23 T23 T23 nq ββ P,T? P,T? P,T? V Sab Y Q M Scoep	Ophicitic melange with oistolith PALEDZOIG / TRELAS-PALEDZOIK Massive crystalline imestone Dolomite Cherty limestone Quartz-porphyry Diabase and spilite Crystalline limestone Epidote-activities schist Phylitie, metamorphic sandstone and schist Hydrothermal alteration Gabbro Abitoid chlorite-epidote-sericite schist Granitoid rocks Quartzite Marbie and calcachist Livoire-epidote-sericite-quartz schist and metadiabase	Oślotkski melanz so olistoliti  Masivni mermerasti varovnici Dołomiti Varovnici so rozbnjaci Kvaroporfici Diabasi i spiliti Memerasti varovnici Epidot-skinolitski shkrilci Filiti, metamorfisani pesochnici i shkrilci Hidrotemalni izmeni Gabrovi Abbūzirani hlorti-epidotseritski shkrilci Granticolini steni Kvarciti Mermeri i kalhshisti Hrorti-epidot-seriot-kvarcni shkrilci i metadijabasi
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62	J TRIASSIC- T2:3 T2:3 T2:3 T2:9 T2:7 T2:7 T2:7 T2:7 T2:7 T2:7 T2:7 T2:7	Ophiolitic melange with olistolith PALEOZORC / TRELA-PALEOZORK Massive crystalline imesione Dolomite Cherty limestone Questz-porphry Diabase and spikle Crystalline imesione Epidote-actinolitis schist Phylitic, metamorphic sandstone and schist Hydrothermal atteration Sabbro Abbroid chorite-epidote-sericite schist Granitold rocks Questzite Matble and calcachist Chlorite-epidote-sericite-questz schist and metadiabase Questzite-epidote-sericite-questz schist and metadiabase Questzite-epidote breccia	Ościataki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozbnjeci Kwaroporiki Diabasi i spatei Memerasti varowici Epidot-aktiokisti shkriki Fidi, meta morfsani pesochnici i shkriki Hidrotermalni izmeni Gabrovi Abbitzirani hlorit-epidotseritski shkrikci Granicidini steni Kwardii Mermeri i kalhshisti Hforit-epidot-serioti-kwaroni shkrikci i metadijabasi Kwaroni-ktonski bizechi
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61	J TRIASSIC- T23 T23 T23 nq ββ P,T? P,T? P,T? V Sab Y Q M Scoep	Ophicitic melange with oistolith PALEDZOIG / TRELAS-PALEDZOIK Massive crystalline imestone Dolomite Cherty limestone Quartz-porphyry Diabase and spilite Crystalline limestone Epidote-activities schist Phylitie, metamorphic sandstone and schist Hydrothermal alteration Gabbro Abitoid chlorite-epidote-sericite schist Granitoid rocks Quartzite Martie and calcachist Livoire-epidote-sericite-quartz schist and metadiabase	Oślotkski melanz so olistoliti  Masivni mermerasti varovnici Dołomiti Varovnici so rozbnjaci Kvaroporfici Diabasi i spiliti Memerasti varovnici Epidot-skinolitski shkrilci Filiti, metamorfisani pesochnici i shkrilci Hidrotemalni izmeni Gabrovi Abbūzirani hlorti-epidotseritski shkrilci Granticolini steni Kvarciti Mermeri i kalhshisti Hrorti-epidot-seriot-kvarcni shkrilci i metadijabasi
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65	J TRIASSIC- T23 T23 T23 R9 ββ P.T.? P.T.? P.T.? V Sab γ Q M Scoep Q Sepoo	Ophiolitic melange with olistolith PALEOZOIC / TRELAS-PALEOZOIK Massive crystalline immestone Dolomite Cherty limestone Quartz-porphry Diabase and spikite Crystalline immestone Epidote-actinolité schist Phylitic, metamorphic sandstone and schist Hydrothermal akteration Gabbro Abibtiol chlorite epidote-sericite schist Granitold rocks Quartzite Mattite and calcachist Chlorite-epidote-sericite Epidote-chlorite schist and metadiabase Quartzite Epidote-chlorite schist Cuartzite and quartz schist Martie	Oślokteki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozinijaci Kwaroporfici Diabasi i spikti Memerasti varovnici Epidot-aktinolitaki shkrilci Epidot-aktinolitaki shkrilci Fikti, metamorisani pasochnici i shkrilci Hidotemalni izmeni Gabrovi Abbitzirani liorit-epidotseritaki shkrilci Granitoidni steni Kwarctti Memmerii kalhishisti Hiorit-epidot-sericit-kvaroni shkrilci i metadijabasi Kwaron-tektonski breshi Epidot hloritaki shkrilci Kwaron-tektonski breshi
46 47 48 49 50 51 52 53 54 55 57 58 59 60 61 62 63 64 65 66	J TRIASSIC- T23 T23 T23 π9 ββ P,T? P,T? P,T? V Sab Y Q Q Q Sepos Q M Som	Ophiolitic melange with olistolith PALEDZOIG / TRELAS-PALEOZOIK Massive crystalline limestone Dolomite Cherty limestone Cuestz-porphry Diabase and splitte Crystalline limestone Epidote-activoitie schist Phytike, metamorphic sandstone and schist Hytrothermal alteration Gabbro Abhtoid chiorite-epidote-sericite schist Granticel rocks Cuestzite Mattle and calcachist Chlorite-epidote-sericite-quantz schist and metadiabase Cuestz-tectonic breccia Epidote-chiorite schist Cuartatie Epidote-chiorite schist Cuartatie and quantz schist Mattle and calcachist Cuartatie and quantz schist Biotie-muscovite schist	Oślotkski melanz so olistoliti  Masivni mermerasti varovnici Dołomiti Varovnici so rozimjeci Kwaroporfici Diabasi i spatki Mermerasti varovnici Epidot-aktinolitaki shkrilci Epidot-aktinolitaki shkrilci Fikti, metamorfisani pesochnici i shkrilci Hidrotermalni izmeni Gabrovi Abbizirani hlorit-epidotsentski shkrilci Granitolita i steni Kwarctti Mermeri i kalhahisti Hidrotre-pidot-senidt-kvarcni shkrilci i metadijabasi Kvarcno-tektonski brochi Epidot-horiski shkrilci Kvarchi i tvarcni shkrilci Mermeri Biotit-muskovitski shkrilci Mermeri Biotit-muskovitski shkrilci
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 66 66 67	J TRIASSIC- T23 T23 T23 P3 P4 P,T ? P,T ? P,T ? V Sab γ Q M Scoep Q M Sbm Mii	Ophiolitic melange with olistolith PALEOZORC / TRELAPALEOZORK Massive crystalline fimestone Dolomite Cherty limestone Quartz-porphry Diabase and spikle Crystalline fimestone Epidote-actinolitis solvist Phylitic, metamorphic sandstone and schist Hydrothermal atteration Gabbro Albitoid chiorite-epidote-sericite schist Granitoid rocks Quartzite Marbie and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Quartzite denic berecks Epidote-chiorite schist Marbie and quartz schist Marbie muscovite schist Marbie muscovite schist Marbie Biotte-muscovite schist Migmatite	Ościataki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozbnjeci Kwaroportki Diabasi i spatei Memerasti varovnici Epidot-aktinoktaki shkritei Filiti, meta morišani pesochnici i shkritei Hidrotermalni izmeni Gabrovi Abbitzirani hlorit-epidotseritski shkritci Granticidini steni Kwarciti Mermeri i kalhahisti Hidrit-epidot-serioti-kvaroni shkritci i metadijabasi Kvaroni-ektonski brechi Epidot-hloriski shkritci Kvaroni-ektonski brechi Epidot-hloriski shkritci Kvaroni-ektonski brechi Epidot-hloriski shkritci Kvaroni-ektonski brechi Epidot-muskovitski shkritci Mermeri Bioti-muskovitski shkritci Migmatiti
46 47 48 49 50 51 52 53 54 55 57 58 59 60 61 62 63 64 65 66	J TRIASSIC- T23 T23 T23 π9 ββ P,T? P,T? P,T? V Sab Y Q Q Q Sepos Q M Som	Ophiolitic melange with olistolith PALEDZOIG / TRELAS-PALEOZOIK Massive crystalline limestone Dolomite Cherty limestone Cuestz-porphry Diabase and splitte Crystalline limestone Epidote-activoitie schist Phytike, metamorphic sandstone and schist Hytrothermal alteration Gabbro Abhtoid chiorite-epidote-sericite schist Granticel rocks Cuestzite Mattle and calcachist Chlorite-epidote-sericite-quantz schist and metadiabase Cuestz-tectonic breccia Epidote-chiorite schist Cuartatie Epidote-chiorite schist Cuartatie and quantz schist Mattle and calcachist Cuartatie and quantz schist Biotie-muscovite schist	Oślotkski melanz so olistoliti  Masivni mermerasti varovnici Dołomiti Varovnici so rozimjeci Kwaroporfici Diabasi i spatki Mermerasti varovnici Epidot-aktinolitaki shkrilci Epidot-aktinolitaki shkrilci Fikti, metamorfisani pesochnici i shkrilci Hidrotermalni izmeni Gabrovi Abbizirani hlorit-epidotsentski shkrilci Granitolita i steni Kwarctti Mermeri i kalhahisti Hidrotre-pidot-senidt-kvarcni shkrilci i metadijabasi Kvarcno-tektonski brochi Epidot-horiski shkrilci Kvarchi i tvarcni shkrilci Mermeri Biotit-muskovitski shkrilci Mermeri Biotit-muskovitski shkrilci
46 47 48 49 50 51 52 53 54 55 56 57 58 59 61 62 63 64 65 66 67 68	J TRIASSIC T23 T23 T23 T23 T29 PT PT PT V Sab Y Q M Scoep Q Sepoo A Sbm Mi Gmb	Ophiolitic melange with olistolith PALEDZOIG / TRELAS-PALEOZOIK Massive crystalline imestone Dolomite Cherty limestone Cuestz-porphry Diabase and spilitic Crystalline limestone Epidote-activoitie schist Phyticis emistene Epidote-activoitie schist Phyticis metamorphic sandstone and schist Hytrothermal alevation Gabbro Abitoid chlorite-epidote-sericite schist Granticel rocks Cuestratie Mattile and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Cuestratectonic breccia Epidote-chlorite schist Cuartiste and quartz schist Mattile and calcachist Elidote-chlorite schist Elidote-chlorite schist Mattile Biotite-muscovite schist Migmatite Gneiss Amphibolite, amphibole and amphibolite schist	Oślokteki melanz so olistoliti  Masivni mermerasti varovnici Dołomiti Varovnici so rozinijeci Kwaroporfici Diabasi i spikti Memmerasti varovnici Epidot-aktinolitaki shkrilci Fikti, metamorisani pesochnici i shkrilci Gazirovi Albitzirani hlorit-epidotseritski shkrilci Grariticidni stemi Kwarciti Memmeri i kalhshisti Florit-epidot-sericit-kwarcni shkrilci i metadijabasi Kvaron-tektonski brechi Epidot-hloritski shkrilci Kvarciti i kvarcni shkrilci Memmeri Bioti-muskovitski shkrilci Migmatiti Grasjecvi
46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 63 64 65 66 67 68 89	J TRIASSIC. T23 T23 T23 T23 T29 P,T? P,T? P,T? V Sab Y Q M Scoep Q M Scoep Q M Sbm Mi Gmb A PALEZO	Ophiolitic melange with olistolith PALEDZOIG / TRELAS-PALEOZOIK Massive crystalline imestone Dolomite Cherty limestone Quartz-porphryy Diabase and spikite Crystalline limestone Epidote-activolitie schist Phytick, metamorphic sandstone and schist Hydrothermal aiteration Gabbro Abbtoid chlorite-epidote-sericite schist Granitold rocks Quartzite Mattile and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Quartz-tectonic breccia Epidote-chlorite schist Quartzites and quartz schist Mignatite Biotite-muscovite schist Mignatite Gneiss Amphiboite, amphibole and amphibolite schist I / PALEOZOIK Granitel	Ośloktaki melanz so olistoliti  Masivni mermerasti varovnici Dołomiti Varovnici so rozinijaci Kwaroporfici Diabasi i spikti Memmerasti varovnici Epidot-aktinolitaki shkrilci Fikti, metamorisani pesochnici i shkrilci Fikti, metamorisani pesochnici i shkrilci Fikti, metamorisani pesochnici i shkrilci Graticidini stemi Gazirovi Albitzirani hlorit-epidotseritaki shkrilci Graticidini stemi Kwarciti Memmeri i kalhshisti Frorit-epidot-sericit-kwarcni shkrilci i metadijabasi Kvaron-tektonski brachi Epidot hloritaki shkrilci Kvarciti i kvarcni shkrilci Memmeri Bioti-muskovitski shkrilci Migmatiti Grasjevi Amfibolski i amfibolitski shkrilci Graniti
46 47 48 49 50 51 52 53 55 56 57 58 60 61 62 63 66 66 66 66 66 67 68 89	J TRIASSIC- T23 T23 T23 T23 T23 T27 P,T? P,T? P,T? V Sab Y Q M Scoep Q M Scoep Q M Shi Gmb A PALEOZO Y SquePz 2	Ophiolitic melange with olistolith PALEOZOR / TRELAPALEOZOK Massive crystalline imesione Dolomite Cherty limestone Cherty limestone Cherty prophyry Diabase and spikle Crystalline imesione Epidote-actinolitis schist Phylitie, metamorphic sandstone and schist Hydrothermal atteration Gabbro Abbroid chlorite-epidote-sericite schist Granitold rocks Quartzite Matthe and cateschist Chlorite-epidote-sericite-quartz schist and metadiabase Quartzite control brecda Epidote-chlorite schist Matole Bilotte-muscovite schist Matole Bilotte-muscovite schist Migmatite Gneiss Amphibole, amphibole and amphibolite schist ICI PALEOZOK Granite Granito Granito Granito Granito Countribe schist Migmatite Gneiss	Ościataki melanz so olistoliti  Masivni mermerasti varovnici Dołomiti Varovnici so rozbnjeci Kwaroporki Diabasi i spirti Diabasi i spirti Epidot-aktinolitaki shirtici Epidot-aktinolitaki shirtici Epidot-aktinolitaki shirtici Filiti, metamorisani pesochnici i shirtici Hidrotermaini izmeni Gazovat Abitizirani hiorit-epidotseritaki shirtici Granitorini steni Kwarciti Mermeri i kalhabhisti Herint-epidot-seriot-kwarcni shirtici i metadijabasi Kwarcni-chitonishi brochi Epidot-hioritaki shirtici Kwarciti i kwarcni shirtici Mermeri Biotit-muskovitaki shirtici Mermeri Biotit-muskovitaki shirtici Mermeri Biotit-muskovitaki shirtici Mermeri Biotit-muskovitaki shirtici Granjicavi Amiboviti, amiboliski i amibolitaki shirtici Granitici
46 47 48 49 50 51 52 53 55 55 56 61 62 63 64 65 66 67 70 71 72	J TRIASSIC. T23 T23 T23 T23 T23 T27 P,T ? P,T ? P,T ? P,T ? Q Soep Q M Som M Som M Soep Q A M Sop M Sop M Sop M Sop M Sop Sop Q Sepoo	Ophiolitic melange with olistolith PALEDZORC / TRELAS-PALEOZORK Messive crystalline imessione Dolomire Cherty limestone Quartz-porphry Diabase and spikle Crystalline imesatone Epidote-actinolité schist Phytich memaliane Epidote-actinolité schist Phytichtermal atteration Gabbro Abbitod chlorité epidote-sericité schist Granitold rocks Quartzite Martile and calcachist Chlorite-epidote-sericite quartz schist and metadiabase Quartzite Epidote-chlorite schist Quartzite and quartz schist Martile Biotite-muscovite schist Martile Biotite-muscovite schist Migmatite Gneiss Amphibolite, amphibole and amphibolite schist CI PALEOZOK CI	Ościatski melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozinijaci (varoporfici Diabasi i spiliti Memmerasti varovnici Epidot-aktinolitaki shkrilci Epidot-aktinolitaki shkrilci Filiti, metamorisani pasochnici i shkrilci Hidotemalni izmeni Gabrovi Abbitzirani liorit-epidotseritaki shkrilci Granitoloni steni Kvarciti Memmeri i kalinshisti Hiorit-epidot-sericit-kvarcni shkrilci i metadijabasi Kvarcni-tettonski breshi Epidot hloritaki shkrilci Kvarcni i kvarcni shkrilci Memmeri Bioti-muskovitski shkrilci Memmeri Bioti-muskovitski shkrilci Migmatisi Gnajsevi Amsibovit, amsibolski i amsibolitaki shkrilci Graniti Sarficit-kvarcni shritci Medatvarcni shritci Medatvarcni shritci Medatvarcni shritci Medatvarcni shritci Metalvarcni shritci Metalvarcni shritci Metalvarcni shritci
46 47 48 49 50 51 52 53 54 55 56 61 62 63 64 65 66 67 70 71 72 73	J TRIASSIC. T23 T23 T23 T23 T23 T27 P,T? P,T? P,T? P,T? V Sab Y Q M Scoep Q Sepoo Q M Sbm Mi Gmb A PALEOZO SqsePz Sx ScaPz ScaPz ScaPz	Ophiolitic melange with olistolith PALEOZOR / TRELAPALEOZOR Massive cystalline imesione Dolomite Cherty limestone Quartz-porphyry Diabase and spilet Crystalline limestone Epidote-actinolite schist Phylitic, metamorphic sandstone and schist Hydrothermal alteration Gabbro Abbroid chicrite-epidote-sericite schist Granticol rocks Quartzite and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Quartz-tectonic breccia Epidote-chicrite schist Guartzite and quartz schiet Mattle Bilotte-muscovite schist Migmatite Gnesis Amphiboite, amphibole and amphibolite schist (C I PALEOZOM Grantile Quartz-sericite schist Metaquartz porphyry	Oślotkski melanz so olistoliti  Masivni mermerasti varovnici Dołomiti Varovnici so rozinijaci Kwaroporfici Diabasi i spatti Memmerasti varovnici Epidot-aktinolitiski shkrilici Fritti, metamorfisani pesochnici i shkrilici Fritti, metamorfisani pesochnici i shkrilici Fritti, metamorfisani pesochnici i shkrilici Gradicioni i stemi Kwarciti Memmeri i kalhishisti Horit-epidot-sericit-kvarcni shkrilici i metadijabasi Kwaron-tektonski brechi Epidot-horitski shkrilici Kvarchi i kvarcni shkrilici Memmeri Biotit-muskovitski shkrilici Memmeri Biotit-muskovitski shkrilici Memmeri Grapisevi Amsibotiti, amsibotski i amsibolitski shkrilici  Graniti Sertici-kvarcni skrilici Metakvarcporfiri Karbonatini skrilici i memmerisani varovnici
46 47 48 49 50 51 52 53 53 54 55 56 61 62 63 64 66 67 70 71 72 73 74	J TRIASSIC T23 T23 T23 T23 T23 T23 T27 P,T? P,T? P,T? P,T? P,T? V Sab Y Q M Scoep Q Sepoo M Scoep Q Sepoo M Scoep A Sepoo M Scoep A Sepoo Sepoo M Sepoo Sep	Ophiolitic melange with olistolith PALEOZORO / TRELAPALEOZORK Massive crystalline simestone Dolomite Cherty limestone Quartz-portyny Diabase and spikle Crystalline fimestone Epidote-actinolitis schist Phylitic, metamorphic sandstone and schist Hydrothermal atteration Gabbro Albitoid chiorite-epidote-sericite schist Granitoid rocks Quartzite Marble and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Quartzite schiorite breccia Epidote-chiorite schist Marble Biotte-muscovite schist Marble Migmatite Gneiss Amphiboide, amphibole and amphibolite schist C/ PALEOZOKK Granite Cyariz-sericite schist Metaquartz schists Metaquartz porphyry Calc schists and marbly ismestone Varied abilite mostly green schists Metaquartz porphyry Calc schists and marbly ismestone Varied abilite mostly green schists	Ościatski melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozinijaci (varoporfici Diabasi i spiliti Memmerasti varovnici Epidot-aktinolitaki shkrilci Epidot-aktinolitaki shkrilci Filiti, metamorisani pasochnici i shkrilci Hidotemalni izmeni Gabrovi Abbitzirani liorit-epidotseritaki shkrilci Granitoloni steni Kvarciti Memmeri i kalinshisti Hiorit-epidot-sericit-kvarcni shkrilci i metadijabasi Kvarcni-tettonski breshi Epidot hloritaki shkrilci Kvarcni i kvarcni shkrilci Memmeri Bioti-muskovitski shkrilci Memmeri Bioti-muskovitski shkrilci Migmatisi Gnajsevi Amsibovit, amsibolski i amsibolitaki shkrilci Graniti Sarficit-kvarcni shritci Medatvarcni shritci Medatvarcni shritci Medatvarcni shritci Medatvarcni shritci Metalvarcni shritci Metalvarcni shritci Metalvarcni shritci
46 47 48 49 50 51 52 53 54 55 56 61 62 63 64 65 66 67 70 71 72 73	J TRIASSIC. T23 T23 T23 T23 T23 T27 P,T? P,T? P,T? P,T? V Sab Y Q M Scoep Q Sepoo Q M Sbm Mi Gmb A PALEOZO SqsePz Sx ScaPz ScaPz ScaPz	Ophiolitic melange with olistolith PALEOZOR / TRELAPALEOZOR Massive cystalline imesione Dolomite Cherty limestone Quartz-porphyry Diabase and spilet Crystalline limestone Epidote-actinolite schist Phylitic, metamorphic sandstone and schist Hydrothermal alteration Gabbro Abbroid chicrite-epidote-sericite schist Granticol rocks Quartzite and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Quartz-tectonic breccia Epidote-chicrite schist Guartzite and quartz schiet Mattle Bilotte-muscovite schist Migmatite Gnesis Amphiboite, amphibole and amphibolite schist (C I PALEOZOM Grantile Quartz-sericite schist Metaquartz porphyry	Ościataki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozbnjeci Kwaroportki Diabasi i spatei Memerasti varovnici Epidot-aktinoktaki shkritei Filiti, meta morfisani pesochnici i shkritei Hidrotermalni izmeni Gabrovi Abbitzirani hlorit-epidotseritski shkritei Granticidini steni Kwarciti Mermeri i kalhahisti Hrorit-epidot-serioti-kvaroni shkritei i metadijabasi Kvaroni-ktonski brechi Epidot-hloritski shkritei Kvaroni-ktonski brechi Epidot-hloritski shkritei Kvaroni brantici Mermeri Bioti-muskovitski shkritei Mermeri Bioti-muskovitski shkritei Migmatti Granjisevi Amßboliski i amfibolitski shkritei  Graniti Serfeit-kvaroni shritei Metakvaroporfiri Kathonatni skritei i mermerisani varovnici Rezomotini albitzirani pretezmo zeleni shkritei
46 47 48 49 50 50 51 52 53 53 54 55 56 60 61 62 63 66 66 67 68 69 70 71 72 73 74 75 75 77 77 77 77 77 77 77 77 77 77 77	J TRIASSIC T23 T23 T23 T23 T23 T29 P,T? P,T? P,T? P,T? V Sab Y Q M Scoep Q M Scoep Q M Sbm M Scoep Q M Sbm M Scoep Scoep Scoep Spm Somb A CO FALEOZO Sys Spx Sgm Sgm	Ophicitic melange with olistolith PALEDZOIC / TRELAS-PALEOZOIK Massive crystalline imestone Dolomite Cherty limestone Quartz-porphryy Diabase and spikite Crystalline imestone Epidote-actinolité schist Phytice, metamorphic sandstone and schist Hydrothermal akteration Gabbro Abitoid chlorife-epidote-sericite schist Granitoel rocks Quartzite Mattile and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Quartz-tectonic breccia Epidote-chlorite schist Quartzite and quartz schist Migmalite Gineits Amphiboite, amphibole and amphibolite schist IC / PALEOZOIK Granite Granite Guartz-sericite schist Migmalite Guartz-sericite schist Migmalite Granite Granit	Ośloktaki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozinjaci Kvaroporfici Diabasi i spikti Memerasti varovnici Epidot-aktinoktaki shkrikel Epidot-aktinoktaki shkrikel Fikti, metamorisani pesochnici i shkrikel Granitoloni izmeni Gabrovi Abbitzirani hlorit-epidotseritski shkrikel Granitoloni steni Kvarceti Kvarceti i kaltashisti Hrorit-epidot-sericit-kvarceni shkrikel i metadijabasi Kvarceti i kvarceni shkrikel Mermeri Bioti-muskovitski shkrikel Mermeri Bioti-muskovitski shkrikel Mermeri Bioti-muskovitski shkrikel Mermeri Grapisev Armiboviti, amibolski i amfibolitski shkrikel Graniti Sericit-kvarceni shrikel Metakvarcporfiti Karbonatni skriteli i mermerisani varovnici Raznovdni albitzirani pretezmo zeleni shkrilci
46 47 48 49 50 50 51 52 53 53 54 55 56 60 61 62 63 66 66 67 68 69 70 71 72 73 74 75 75 77 77 77 77 77 77 77 77 77 77 77	J TRIASSIC T23 T23 T23 T23 T23 T29 P,T? P,T? P,T? P,T? V Sab Y Q M Scoep Q M Scoep Q M Sbm M Scoep Q M Sbm M Scoep Scoep Scoep Spm Somb A CO FALEOZO Sys Spx Sgm Sgm	Ophiolitic melange with olistolith PALEDZOIC / TRELAS-PALEOZOIK Massive crystalline imestone Dolomire Cherty limestone Quartz-porphry Diabase and spikle Crystalline imestone Epidote-actinolité schist Phytice, metamorphic sandstone and schist Hydrothermal akteration Gabbro Albitiol dichlorite epidote-sericite schist Granitold rocks Quartzite Matole and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Quartzite Guistra-technic breccia Epidote-chlorite schist Guartz-technic breccia Epidote-chlorite schist Matole Biotte-muscovite schist Megmatite Gneiss Amphibolite, amphibole and amphibolite schist IC / PALEOZOIK Granite Guartz-sericite schist Metaguartz-sericite schist Medicale Biotte-sericite-schist schist Megmatite Gneiss Amphibolite, amphibole and amphibolite schist IC / PALEOZOIK Granite Guartz-sericite schist Metaguartz porphyry Calc schists and matoly imestone Varied abbie mostly green schists Graphite sericite-quartz schist	Ośloktaki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozinjaci Kvaroporfici Diabasi i spikti Memerasti varovnici Epidot-aktinoktaki shkrikel Epidot-aktinoktaki shkrikel Fikti, metamorisani pesochnici i shkrikel Granitoloni izmeni Gabrovi Abbitzirani hlorit-epidotseritski shkrikel Granitoloni steni Kvarceti Kvarceti i kaltashisti Hrorit-epidot-sericit-kvarceni shkrikel i metadijabasi Kvarceti i kvarceni shkrikel Mermeri Bioti-muskovitski shkrikel Mermeri Bioti-muskovitski shkrikel Mermeri Bioti-muskovitski shkrikel Mermeri Grapisev Armiboviti, amibolski i amfibolitski shkrikel Graniti Sericit-kvarceni shrikel Metakvarcporfiti Karbonatni skriteli i mermerisani varovnici Raznovdni albitzirani pretezmo zeleni shkrilci
46 47 48 49 551 52 53 54 55 55 56 61 62 63 64 65 67 66 67 77 77 77 77	J TRIASSIC- T23 T23 T23 T23 T23 T27 P,T? P,T? P,T? P,T? P,T? V Sab Y Q M Socopo M Socopo M Som M Sopo A PALEOZO ΣασΡΣ2 Sββ Sgrae Sgrae Sgrae RIFEO (RUI	Ophicitisc melange with olistolith PALEOZORC / TREAS_PALEOZORK Massive crystalline sinestone Dolomite Cherty limestone Cherty limestone Cherty limestone Epidote actinolitis schist Phylitic, metamorphic sandstone and schist Hydrothermal atteration Gabbro Abbroid chlorite epidote-sericite schist Granitold rocks Quartzite Marble and catcachist Chlorite-epidote-sericite-quartz schist and metadiabase Quartzite control breada Epidote-chlorite schist Marble Bioter-muscovite schist Marble Bioter-muscovite schist Migmaitte Gneiss Arriphibote, amphibote and amphibotite schist (C/ PALEOZOIK Granite Cuartz-sericita schist Metaquartz porphyry Calc schistis and marbly limestone Varied abbite mostly green schists Graphic schist metasandstone PHEIAN) GAMBRIAN / RIFEJ KAMBRIUM	Ościetaki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozbnjeci Kvaroporiki Diabasi i spitti Memerasti varovnici Epidot-aktiolitaki shirifol Epidot-aktiolitaki shirifol Epidot-aktiolitaki shirifol Filiti, metamorfisani pesochnici i shirifol Hidrotermaini izmeni Gazovai Abitizirani hlorit-epidotseritski shirifol Granitoidni steni Kvarciti Mermeri i kalinshisti Hirorit-epidot-senicit-kvarcni shirifol i metadijabasi Kvarciti i kvarciti Mermeri i kalinshisti Epidot-hloritski shirifol Kvarciti i kvarcni shirifol Kvarciti i kvarcni shirifol Kvarciti i kvarcni shirifol Graniti Graniti Graniti Graniti Graniti Graniti shirifol i memerisani varovnici Razonvidni albitizirani pretezmo zeleni shirifol Granitoli kvarcni skrifol i mermerisani varovnici Razonvidni albitizirani pretezmo zeleni shirifol Graniti i mermerisani varovnici Kvarc-muskovitski shirifol i metapeshchani
46 47 48 49 50 51 53 53 54 55 56 63 66 61 62 63 64 65 66 66 67 70 77 77 76 77 77 78	J TRIASSIC- T23 T23 T23 T23 T23 T29 P,T ? P,T ? P,T ? P,T ? P,T ? V Sab Y Q Scoep Q Q Scoep Q M Som Mi Gmb A PALEOZO Y ScaP2	Ophiolitic melange with olistolith PALEOZORO / TRELAPALEOZORK Massive crystalline sinestone Dolomite Cherty limestone Quest-prophyry Diabase and spikle Cystalline finestone Epidote-actinolitic schist Phylitic, metamorphic sandstone and schist Hydrothermal atteration Gabbro Abbroid chiorite-epidote-sericite schist Granitold rocks Quartzite Marbie and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Quartzite decinic breccia Epidote-chiorite schist Marbie Marbie and quartz schist Marbie Biotte-muscovite schist Marbie Gneiss Amphibodite, amphibole and amphibolite schist ICI PALEOZOK Granite Quartzite-sericite schist Metaquartz porphyry Calc schists and marby limestone Varied abble mostly green schists Graphile sericite-quartz schist Quartz mica schist and metasandstone PMEAN) CAMBRIAN I / RFEJ KAMBRIUM Plate dolomite and dolomite marbie Clipolin (crystalline finestone) and marbie Abbiotic phylitic-mica achists and green schists	Ośloktaki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozbnjeci Kwaroporki Diabasi i spikti Memerasti varovnici Epidot-aktinolitaki shkrikei Epidot-aktinolitaki shkrikei Filiti, metamorfisani pesochnici i shkrikei Hidrotermalni izmeni Gabzovi Abbitzirani klorit-epidotsenitaki shkrilci Granticidini steni Kvarciti Mermeri i kalinshisti Hidrit-epidot-senisti-kvarcni shkrikei i metadijabasi Kvarcni-tektonski brechi Epidot-hloritaki shkrilci Kvarcni-tektonski brechi Epidot-hloritaki shkrilci Kvarcni-tektonski shkrilci Mermeri Bioti-muskovitski shkrilci Mermeri Bioti-muskovitski shkrilci Migmatiti Granjevi Amibokiti, amibolski i amibolitski shkrikci  Graniti Sartici-kvarcni shrilci Metakvarcporfiri Kathonatni skrilci i mermerisani varovnici Razovodni albitzirani pretezmo zeleni shkrilci Grafticni serkcitivarcni shkrikci Kvarc-muskovitski shkrilci i metapeshchani
46 47 48 49 51 52 53 54 55 56 66 67 70 71 77 73 74 75 76	J TRIASSIC- T23 T23 T23 T23 T23 T27 P,T? P,T? P,T? P,T? V Sab Y Q M Scoep Q M Scoep Q M Shin G M Shi G A PALEOZO SycPz Sys Sys Sys Sys Sys Sys Sys M M M M M M M M M M M M M M M M M M M	Ophiolisic melange with olistolith PALEOZORC / TRELAPALEOZORK Massive cystalline sinesione Dolomite Cherty limestone Quartz-porphyry Diabase end spilet Crystalline finestone Epidote-actinolite schist Phylitie, metamorphic sandstone and schist Hydrothermal alteration Gabbro Abitoid chiorite-epidote-sericite schist Granitoid rocks Quartzite Martine and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Quartz-tectorine breeda Epidote-chiorite schist Guartzite du quartz schist Martine Biotte-muscovite schist Migmatite Granitoi Granitoi Granitoi Granitoi Granitoi Granitoi Cri PALEOZONC Granite Calcachistis and martinione Varied abitic mostly green schicts Graphite sericite-quartz schist Quartzite-sericite schist Metaquartz porphyry Calc schists and martinione Varied abitic mostly green schicts Graphite sericite-quartz schist Quartzite sericite schist Metaquartz porphyry Calc schists and martinione PHEIAN) GAMBRIAN / RIFEJ KAMBRIUM Plate dolomite and dolomite marbie	Ościetaki melanz so olistoliti  Masivni mermerasti varovnici Dolomiti Varovnici so rozbnjeci Kvaroporiki Diabasi i spitti Memerasti varovnici Epidot-aktiolitaki shirifol Epidot-aktiolitaki shirifol Epidot-aktiolitaki shirifol Filiti, metamorfisani pesochnici i shirifol Hidrotermaini izmeni Gazovai Abitizirani hlorit-epidotseritski shirifol Granitoidni steni Kvarciti Mermeri i kalinshisti Hirorit-epidot-senicit-kvarcni shirifol i metadijabasi Kvarciti i kvarciti Mermeri i kalinshisti Epidot-hloritski shirifol Kvarciti i kvarcni shirifol Kvarciti i kvarcni shirifol Kvarciti i kvarcni shirifol Graniti Graniti Graniti Graniti Graniti Graniti shirifol i memerisani varovnici Razonvidni albitizirani pretezmo zeleni shirifol Granitoli kvarcni skrifol i mermerisani varovnici Razonvidni albitizirani pretezmo zeleni shirifol Graniti i mermerisani varovnici Kvarc-muskovitski shirifol i metapeshchani
46 47 48 49 50 51 52 53 54 55 56 60 61 61 62 63 66 66 67 77 77 77 78 79 80	J TRIASSIC- T23 T23 T23 T23 T23 T23 T27 P,T? P,T? P,T? P,T? P,T? V Sab Y Scoep Q M Scoep Q M Scoep Q M Scoep Q M Spe Spc	Ophiolisic melange with olistolith PALEOZORO / TRELAPALEOZOM Massive cystalline imesione Dolomite Cherty limestone Quartz-porphyry Diabase and spilete Cystalline imesione Epidote-actinolite schist Phylitie, metamorphic sandstone and schist Hydrothermal alteration Gabbro Abbroid chiorite-epidote-sericite schist Granitold rocks Quartzte Martine and calcachist Chlorite-epidote-sericite schist and metadiabase Quartz-tectorine breeda Epidote-chiorite schist Martine Biote-muscovite schist Martine Biote-muscovite schist Migmatite Gneiss Gneiss Amphibolite, amphibole and amphibolite schist IC: I PALEOZOM Granite Conartz-sericite schist Metaguartz porphyry Calc schists and martoly innestone Varied abbite mostly green schicts Quartz-tectoric unserts schist Metaguartz porphyry Calc schists and martoly innestone Varied abbite mostly green schicts Quartz-sericite schist Metaguartz porphyry Calc schists and metasandstone PHEIARI CAMBRIAN I REFEL KAMBRIUM Plate dolomite and domite marble Abbitol phylitie-mica schist and green schist Graphite schist index metasandstone	Ościetaki melanz so olistoliti  Masivni mermerasti varovnici Dołomis  Varovnici so rozbnjeci Kwaroporki Diabasi i spikti Memerasti varowici Epidot-aktinolitaki shkritel Filiti, metamorisani pesochnici i shkritel Hidrotermalni izmeni Gazovat Abbitzirani hlorit-epidotseritski shkritel Graritoldni steni Kwarciti Horit-epidot-seriti-kwarcni shkritei i metadijabasi Kwarcni-chktonishi brechi Epidot-hloritski shkritel Kwarciti I kwarcni shkritei Mermeri Biotit-muskovitski shkritel Migmatib Grapisevt Armibovito, amfboliski i amfibolitski shkritei  Graniti Serfeit-kwarcni shkritei Metakwaroporfiri Karbonathi skritei i mermerisani varovnici Razovoldni skritei i mermerisani varovnici Plocesti dolomiš i dolomišteni mermeri Cipolini i mermeri Albitzirani filitomikasisti i zeleni shkritei Grafiticni shkrikci
46 47 48 49 50 51 53 53 54 55 56 65 66 67 68 69 70 77 77 78 79 80 81	J TRIASSIC- T23 T23 T23 T23 T23 T23 P,T? P,T? P,T? P,T? P,T? P,T? V Sab Y Q Sepon M Somep Q Q Sepon M Somep A Somep A Somep A Somep A Somep A PALEOZO Y SCAPZ SX SCAPZ SX SCAPZ SX SCAPZ SX SCAPZ SX SCAPZ SX SCAPZ SY SY SCAPZ SY SY SCAPZ SY SY SCAPZ SY SY SCAPZ SY	Ophiolitic melange with olistolith PALEOZORO / TRELAPALEOZORK Massive cystalline simestone Dolomite Cherty limestone Cherty limestone Cherty limestone Dolomite Cherty limestone Cherty limestone Cherty limestone Epidote actinolitic schist Epidote actinolitic schist Epidote actinolitic schist Phylitic, metamorphic sandstone and schist Hydrothermal atteration Gabbro Abbrod chiorite-epidote-sericite schist Granitol rocks Custrate Marble and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Custrate-epidote-sericite-quartz schist and metadiabase Custrate schist describe and carbonist exclist Marble Biotite-muscovite schist Marble Biotite-muscovite schist Migmatite Gneiss Amphibolete, amphibole and amphibolite schist ICI PALEOZOK Granite Custrate schist schist Metaquartz porphyry Calc schists and marbly limestone Varied abble mostly green schists Graphite sericite-quartz schist Quartz mica schist and metasandstone PMEIAN) CAMBRIAN I RETS KAMBRIUM Plate dolomite and dolomite marble Cipolin (crystalline firmestone) and marble Abtitold phylitic-nica schist and green schist Graphite schist INAN I PREKAMBRIUM Granedorite	Oślokteki melanz so olistoliti  Masivni mermerasti varovnici Dolomii Varovnici so rozbnjeci Kwaroporki Diabasi i spikti Memerasti varovnici Epidot-aktiokiski shkrikel Epidot-aktiokiski shkrikel Fikti, metamorfisani pescebnici i shkrikel Hidrotermalni izmeni Gabrovi Abbitzirani hlorit-epidotsentski shkrilci Granicidini steni Kwarcii Mermeri i kalhshisti Hiorit-epidot-seniot-kwarcni shkrikei i metadijabasi Kwarcni-cktonski brochi Epidot-hloritski shkrilci Kwarcni shkrikei Evaroni shkrikei Mermeri Bioti-muskovitski shkrilci Mermeri Bioti-muskovitski shkrilci Mermeri Sioti-muskovitski shkrilci Mermeri Sioti-muskovitski shkrilci Mermeri Sioti-muskovitski shkrilci Mermeri Sioti-muskovitski shkrilci Mermeri Ranici shkrilci i mermerisani varovnici Ranici senicitivarcni shkrikci Metakvarcporfiri Kathonatni skrilci i mermerisani varovnici Razovodni albitzirani pretezmo zeleni shkrilci Gyaffichi senicitivarcni shkrikci Kvarcn-muskovitski shkrilci i metapeshchani Piocesti dolomiš i dolomišcni mermeri Albitzirani litiromikasisti i zeleni shkrilci Graniticni shkrikci Graniticni shkrikci
46 47 48 49 50 51 52 53 54 55 56 61 62 63 64 65 66 67 71 77 76 79 76 79 76 77 76 78 76 76 76 76 76 76 76 76 76 76 76 76 76	J TRIASSIC- T23 T23 T23 T23 T23 T23 P,T? P,T? P,T? P,T? P,T? V Sab Y Q Sepoo Q M Som M Somb A PALEOZO Y Syz ScaP7 Sqrne Sqrn RMFEO AM Mm Spr PRECAME Spr FRECAME Sy Mca	Ophiolitic melange with olistolith PALEDZORC / TRELAS-PALEOZORK Massive crystaltine immestore Dolomire Cherty limestone Quartz-porphry Diabase and spikle Cyptaltine inmestore Epidote-actinolité schist Phytice, metamorphic sandstone and schist Hytrothermal siteration Gabbro Albitiol chlorite epidote-sericite schist Granitold rocks Quartzite Mattile and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Quartzite Guartz-technic brecola Epidote-chlorite schist Guartzite and quartz schist Mattile Bliotte-muscovite schist Migmatitie Gneiss Amphibolite, amphibole and amphibolite schist Cranite Granite Granite Granite Cry PALEOZORC Granite Quartz-sericite schist Metaguartz porphry Calc schists and matby ismestone Varied albitic mostly green schists Graphite sericite-quartz schist Quartz mica schist and metasandstone PHEIANI CAMISRIAN / RIFEJ KAMISRIUM Plate dolomite and dolomite marble Cipolin (crystalline sinestone) and marble Albitolid phylite-mica schist and green schist Granoficrite Middle grained grey-white calcaceous marble	Ośloktaki melanz so olistoliti  Masivni mermerasti varovnici Dolomii Varovnici so rozinjaci Kvaroporfici Diabasi i spikti Memerasti varovnici Epidot-aktinolitaki shkrilei Epidot-aktinolitaki shkrilei Fikti, metamorisani pescebnici i shkrilei Hidotermalni izmeni Gabzovi Abbitzirani Ilorit-epidotseritaki shkrilei Granitoloni steni Kvarciti Mermeri i kalinshisti Hrorit-epidot-sericit-kvarcni shkrilei i metadijabasi Kvarcni etkonski brebi Epidot hloritaki shkrilei Kvarcni shkrilei Kvarcni shkrilei Mermeri Bioti-muskovitski shkrilei Mermeri Bioti-muskovitski shkrilei Mermeri Bioti-muskovitski shkrilei Mermeri Grajsevi Amiboviti, amibolski i amibolitaki shkrikei  Graniti Serfeici-kvarcni shkrilei Metalvvarcporfiti Kathonatni skrilei i mermerisani varovnici Raznovidni albitizrani pretezmo zeleni shkrilei Gratitici serfeitikvarcni shkrilei Kvarc-muskovitski shkrilei i metapeshchani  Plocesti dolomiti i dolomiticni mermeri Cipolini i mermeri Albitizrani filitomikasisti i zeleni shkrilei Granitici shkrilei Granodoriti
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46 47 48 49 50 51 52 53 53 54 55 56 60 61 61 62 63 66 66 67 77 77 77 77 79 80 81 82 83 84 84 85 86 86 86 86 86 86 86 86 86 86 86 86 86	J TRIASSIC- T23	Ophicitisc melange with olistolith PALEOZORO / TPELAP-PALEOZOW Massive crystalline (investone Dolomite Cherty limestone Quartz-porphyry Diabase and spilet Crystalline limestone Epidote-actinolite schist Phylitis, metamorphic sandstone and schist Phylitis, metamorphic sandstone and schist Phylitis, metamorphic sandstone and schist Phythermal alteration Gabbro Gabbro Gabbro Gabbro Gabbro Gabbro Gabro	Masivni mermerasti varovnici Dolomiš  Masivni mermerasti varovnici Dolomiš Varovnici ao rozbnjeci Kvaroporkri Diabasi i spatei Mermerasti varovnici Epidot-aktinolitski shkritel Epidot-aktinolitski shkritel Epidot-aktinolitski shkritel Epidot-aktinolitski shkritel Epidot-aktinolitski shkritel Epidot-aktinolitski shkritel Hidrotermaini izmeni Gabzovi Abbitzirani hlorit-epidotseritski shkritel Graritoldni steni Kvarciti Hermeri I kalhshisti Hermeri I kalhshisti Hermeri I kalhshisti Epidot-hloritski shkritel Kvarciti I kvarcni shkritel Epidot-hloritski shkritel Mermeri Biotit-muskovitski shkritel Migmatiti Grasjezvi Armebovit, amfbotiski shkritel Metakvaroporfiri Karbonathi skritel i mermerisani varovnici Raznovidni albitzirani pretezmo zeleni shkritel Grasticni serkotitvarcni shkritel Raznovidni skritel i mermerisani varovnici Raznovidni skriteli i mermeri zeleni shkritel Granticoni shkritel Granticoni skriteli i mermeri Cipolini i mermeri Belosht simozmesti sketicki mermeri Svi serdonzmesti skobeli kalcitski mermeri Svi serdonzmesti skritelski mermeri so proslojci od dolomiti Kvaro-baritski mikashisti Cipolini i mermeri Granatski mikashisti Cipolini i mermeri Mikashisti (varo-grafitori mikashisti
46 47 48 49 50 51 52 53 55 56 59 59 70 71 77 77 77 77 77 77 77 77 77 77 77 77	J TRIASSIC- T23	Ophiolitic melange with olistolith PALEOZORO / TREAS_PALEOZOW Massive crystalline sinestone Dolomite Cherty limestone Cherty limestone Dolomite Cherty limestone Quartz-porphry Diabase and spikle Crystalline fimestone Epidote-ackinolitis schist Pryklite, metamorphic sandstone and schist Hydrothermal atteration Gabbro Albitoid chiorite-epidote-sericite schist Granitoid rocks Quartzite Marble and calcachist Chlorite-epidote-sericite-quartz schist and metadiabase Quartzite and quartz schist Marble Biotte-muscovite schist Marble Biotte-muscovite schist Migmatite Gneiss Araphiboties, amphibole and amphibolite schist ICI PALEOZOW Granite Cranite Quartzite sachist and metasandstone PHEIAN) GAMBRILAN / RIFEJ KAMBRILUM Plate dolomite and dolomite marble Craphite sericite-quartz schist Quartz mes achist and metasandstone PHEIAN) GAMBRILAN / RIFEJ KAMBRILUM Plate dolomite and dolomite marble Craphite scrists Righan / PREKA MBRILUM Cranediorite Middle grained grey-white calcareous marble White-grey for black medium grained calcite marble Grey middle grained grey-white calcareous marble White-grey for black medium grained calcite marble Granediorite Dark-grey to black medium grained calcite marble Grey middle grained calcareous marble with dolomatic layers Quartz-bartle mica schist Cipolin (crystalline limestone) and marble Granat-mica schist Albite gneiss Marble Mica schist Albite gneiss Marble Mica schist Albite gneiss Marble Mica schist Cuartz-graphite mica schist Granat-mica schists Albite gneiss Marble Mica schist Granat-mica schists	Masivni mermerasti varovnici Dolomiii  Masivni mermerasti varovnici Dolomiii Varovnici so rozinijeci Kvaroporiki Diabasi i spakti Memmerasti varovnici Epidol-aktiokitski shkrikel Fikti, metamorisani pasochnici i shkrikel Grantickimi steni Kvarciti Mermeri i kalhshisti Hrorit-epidol-serioti-kvarcni shkrikei i metadijabasi Kvarcni-ktonski brochi Epidot-hloritski shkrikei Kvarcni skrikei Kvarcni skrikei Grantici Mermeri Bioti-muskovitski shkrikei Granisti Granisti Granisti Granisti Granisti Sarfeit-kvarcni shrikei Metakvarcporfiri Karbonatni skrikei i mermerisani varovnici Razovodni albitzirani pretezmo zeleni shkrikei Kvarc-muskovitski shkrikei i metapeshchani Piocesti dolomiš sirilei i mermerisani varovnici Razovidni i mermeri Albitzirani liitumikasisti i zeleni shkrikei Granisti i mermeri Albitzirani liitumikasisti i zeleni shkrikei Granisti mikasisti i zeleni shkrikei Granisti mikasisti i zeleni shkrikei Granisti mikasisti i mermeri Sivi srednozmesti skobeli kalcitski mermeri Granisti mikasisti i
46 47 48 49 50 51 52 53 53 54 55 56 60 61 61 62 63 66 66 67 77 77 77 77 79 80 81 82 83 84 84 85 86 86 86 86 86 86 86 86 86 86 86 86 86	J TRIASSIC- T23	Ophicitisc melange with olistolith PALEOZORO / TPELAP-PALEOZOW Massive crystalline (investone Dolomite Cherty limestone Quartz-porphyry Diabase and spilet Crystalline limestone Epidote-actinolite schist Phylitis, metamorphic sandstone and schist Phylitis, metamorphic sandstone and schist Phylitis, metamorphic sandstone and schist Phythermal alteration Gabbro Gabbro Gabbro Gabbro Gabbro Gabbro Gabro	Masivni mermerasti varovnici Dolomiš  Masivni mermerasti varovnici Dolomiš Varovnici ao rozbnjeci Kvaroporkri Diabasi i spatei Mermerasti varovnici Epidot-aktinolitski shkritel Epidot-aktinolitski shkritel Epidot-aktinolitski shkritel Epidot-aktinolitski shkritel Epidot-aktinolitski shkritel Epidot-aktinolitski shkritel Hidrotermaini izmeni Gabzovi Abbitzirani hlorit-epidotseritski shkritel Graritoldni steni Kvarciti Hermeri I kalhshisti Hermeri I kalhshisti Hermeri I kalhshisti Epidot-hloritski shkritel Kvarciti I kvarcni shkritel Epidot-hloritski shkritel Mermeri Biotit-muskovitski shkritel Migmatiti Grasjezvi Armebovit, amfbotiski shkritel Metakvaroporfiri Karbonathi skritel i mermerisani varovnici Raznovidni albitzirani pretezmo zeleni shkritel Grasticni serkotitvarcni shkritel Raznovidni skritel i mermerisani varovnici Raznovidni skriteli i mermeri zeleni shkritel Granticoni shkritel Granticoni skriteli i mermeri Cipolini i mermeri Belosht simozmesti sketicki mermeri Svi serdonzmesti skobeli kalcitski mermeri Svi serdonzmesti skritelski mermeri so proslojci od dolomiti Kvaro-baritski mikashisti Cipolini i mermeri Granatski mikashisti Cipolini i mermeri Mikashisti (varo-grafitori mikashisti

### Table AN4.4 Legend of Geology (Bregalnica Valley)

1			
1	MATCH	ADV NEOCENE / KV/ADTED - NEOCEN	
		ARY - NEOGENE / KVARTER - NEOGEN Alluvium	Aluvijum
2		Lower river terrace	Poniska recna terasa
3		Higher river terrace	Povisoka recna terasa
	•		Izvorski sedimenti
i i		Spring sediments Diluvium	Diluvljum
,		Stope material	Proluvijum
,		Old river terrace	Stara rechna terasa
3	-	Sand dust, loam and gravel (total Quaternary)	Supesok, suglina i chakal (Kvarter voopsto)
i		Kajanite and basalt	Kajaniti i bazalti
0		Hydro-thermal changes	Hidrotermalni izmeni
1		Opal breccia	Opalska brecha
2		Homblende-augite andesite	Homblenda-augit andezit
3		Andesitic sgnimbrite	Andezitski inglmbriti Augit-homblenda-biolit andeziti
4		Augite-homblende-biotite andesite	Bigorlivi varovnici
5 6		Tufa limestone Andesite breccia	Andezitski breci
7		Homblende-augite-biotite andesite	Homblenda-augit-blotit andeziti
å		Andesitic tuff	Andezitski tuf
9	ρĬ	Sand, Ioam and gravel	Pesoci, suglini i chakali
20		Clay marl, tuff sandstone and claystone; bituminous claystone (a)	Laporci, tufni pesochnici i glinci; bituminozni glinci (a)
21	Θαα	Dacitic ignimbrite	Dacitski ingimbriti
22	TOI.	Trachyte-andesite	Traniandeziti
23	t	Trachyte	Trahiti
			f = f
	PALEOGI	ENE / PALEOGEN	
24	ξδ	Quartz-monzonite porphyry	Kvarcmonconit portiri
25	E₃a	Upper zone of the flysch: claystone and sandstone; clay marl, limestone and claystone (a	
26	³E ,	Lower yellow sandstone	Dolni zholti pesochnici
27	²E,	Lower zone of the flysch:grey sandstone and purple claystone (a);	Dolna zona na fiishot: sivi pesochnici i violetovi glinci (a);
	_ ,		konglomerati, pesochnici i glinci (b)
	16-	conglomerate, sandstone and claystone (b)	Bazaina serija: pesochnici, laporci i konglomerati konglomerati
28	E,	Basal series: sandstone, clay mart and conglomerate	Commercial possession, reports a montgration and montgration of
	COSTAC	EOUS / KREDA	
29	2K32	Limestone and day mari (Senonian)	Varovnici i Iaporci (senon)
			Glinci, pesochnici i alevroliti (senon)
30	'κ³,	Claystone, sandstone and sittstone (Senonian)	The state of the s
31	K²2	Sandstone (Turonian)	Pesochnici (turon)
32	K,	Conglomerate and sandstone (Cenomanian)	Konglomerati i pesochnici (cenoman)
33	²K <sub>1,2</sub>	Sandstone and claystone (Albion-Cenomanian)	Pesochnici i glinci (alb-cenoman)
34	<sup>3</sup> K <sub>1,2</sub>	Conglomerate (Albion-Cenomanian)	Konglomerati (alb-cenoman)
		IC/JURA	Aplitoidni graniti
35		Amplitoide granite	Biotitski graniti
	7		
36	Y	Biotite granite	
36 37	Y Y	Adamelite	Adameliti Gabrovi
	Y		Adameliti
36 37	y y v	Adamelite	Adameliti Gabrovi
36 37	y y v	Adamelite Gabbro	Adameliti Gabrovi Serpentiniti
36 37 38 39 40	Y Y V LATE PA Se Sse	Adamelite Gabbro  LEOZOIC / MLAD PALEOZOIK Serpentinite Seriote schist	Adameliti Gabrovi Serpentinitii Sarlottskii shkrikoi
36 37 38 39 40 41	Y Y V LATE PA Se Sse Sgr	Adamelite Gabbro  ILEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Quartz-graphite schist	Adameliti Gabrovi Serpentiniti Sandritski shkrikd Kvarcno-grafitioni shkrikd
36 37 38 39 40 41 42	Y Y V LATE PA Se Sse Sgr Sco	Adamelite Gabbro  LEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Quartz-graphite schist Chlorite-sericite schist	Adameliti Gabrovi Serpentiniti Sericitski shkrikci Kvarcno-grafiticni shkrikci Hlorit-sericitski shkrikci
36 37 38 39 40 41	Y Y V LATE PA Se Sse Sgr	Adamelite Gabbro  ILEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Quartz-graphite schist	Adameliti Gabrovi Serpentiniti Sandritski shkrikd Kvarcno-grafitioni shkrikd
36 37 38 39 40 41 42	Y Y V Se Sse Sgr Sco Sq	Adamelite Gabbro  LLEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Quartz-graphite schist Chlorite-sericite schist Quartzite and quartz sandstone	Adameliti Gabrovi Serpentiniti Sericitski shkrikci Kvarcno-grafiticni shkrikci Hlorit-sericitski shkrikci
36 37 38 39 40 41 42 43	Y Y Y V V LATE PA Se Sse Sgr Sco Sq OLD PA	Adamelite Gabbro  ILEOZOIC / MLAD PALEOZOIK Serpentinite Seriote schist Quartz-graphite schist Chlorite-seriote schist Quartzite and quartz sandstone  LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM	Adameliti Gabrovi Serpentiniti Soricitski shkrikci Kvarcno-grafiticni shkriici Hlorit-sericitski shkriici
36 37 38 39 40 41 42	Y Y V Se Sse Sgr Sco Sq	Adamelite Gabbro  ILEOZOIC / MLAD PALEOZOIK Serpentinite Seriotie schist Quartz-graphite schist Chlorite-seriotie schist Quartzite and quartz sandstone LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM	Adameiră Gabrovi  Serpentiniti Sericitski shkrikci Kvarcno-grafticini shkrikci Hlorit-sericitski shkrikci Kvarciti i kvarcni pesochnici  Hlorit-amfibolski skrikci Filiti, metapesochnici i mermeri
36 37 38 39 40 41 42 43	Y Y Y V V See Sse Sgr Sco Sq OLD PAI Scoam	Adamelite Gabbro  LECZOIC / MLAD PALEOZOIK Serpentinite Seriote schist Quartz-graphite schist Chorite-seriote schist Quartzite and quartz sandstone  LECZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chorite amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist	Adameirii Gabrovi  Serpentinitii Sarlottski shkrilci Kvarcno-grafiticni shkrilci Hlorit-sericitski shkrilci Kvarciti i kvarcni pesochnici  Hlorit-amfibolski skrilci Filti, metapesochnici i memeri Memeri i karbonjatni shkrilci
36 37 38 39 40 41 42 43 44 45 46 47	Y Y V V LATE PA Se Sse Sgr Sco Sq OLD PA Scoam F M Fgr	Adamelite Gabbro  LLEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Quartz-graphite schist Chlorite-sericite schist Quartz-graphite schist Quartz-tream quartz-sandstone LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chlorite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phylite	Adameliŭ Gabrovi  Serpentiniti Sartitski shkrikci Kvarcno-grafitioni shkrikci Hlorit-seriotiski shkrikci Kvarciti i kvarcni pesochnici Hlorit-amfibolski skrikci Fikti, metapesochnici i memeri Memeri i karbonatni shkrikci Grafiticni shkrikci i litti
36 37 38 39 40 41 42 43 44 45 46 47 48	Y Y Y V Se Sse Sgr Sco Sq OLD PAI Scoam F M F F M M	Adamelite Gabbro  ILEOZOIC / MLAD PALEOZOIK Serpentinite Seriotis schist Quartz-graphite schist Chlorite-seriotis schist Quartzite and quartz sandstone  LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chlorite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phylite Marble and carbonate schist Marble de companies of the c	Adameirii Gabrovi  Serpentiniti Senditski shkrikdi Kvarcno-grafitioni shkrildi Hlorit-senditski shkrildi Kvarciti i kvarcni pesochnidi  Hlorit-amfibolski skrildi Filkti, metapesochnidi i memeri Memeri i karbonatni shkrildi Grafitioni shkrildi i filiti Memeri
36 37 38 39 40 41 42 43 44 45 46 47 48 49	Y Y V V LATE PA Se Sse Sgr Sco Sq OLD PA Scoam F M Scose	Adamelite Gabbro LicOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Cuartz-graphite schist Chorite-sericite schist Cuartzite and quartz sandstone LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chorite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phylite Marble Chlorite-quartz-sericite schist	Adameliä Gabrovi  Serpentiniti Sarlotitski shkrikci Kvarcno-grafitioni shkrikci Hlorit-seriotistki shkrikci Kvarciti i kvarcni pesochnici Hlorit-amfibolski skrikci Filiki, metapesochnici i mermeri Memmeri i karbonatni shkrikci Grafiticni shkrilici i filiti Memmeri Hlorit-kvarc-sericitski shkrilici
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	Y Y Y V V V V V V V V V V V V V V V V V	Adamelite Gabbro  LEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Cuartz-graphite schist Chlorite-sericite schist Cuartz-graphite schist Cuartzite and quartz sandstone LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chlorite-amphibolite schist Chlorite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phyllite Marble Chlorite-quartz-sericite schist Indefinite older Paleozoic: schist, quartz-porphyry and marble	Adameiră Gabrovi  Serpentiniti Saricitski shkrikci Kvarcno-grafticini shkrilci Hlorit-sericitski shkrilci Kvarciti i kvarcni pesochnici  Hlorit-amfibolski skrilci Fiiki, metapesochnici i mermeri Mermeri i karbonathi shkrilci Grafticni shkrilci i fiiti Mermeri Hlorit-kvarc-sericitski shkrilci Neopredelen postar paleozoik: shkrikci,kvarcporfiri i mermeri
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51	Y Y Y V V V V V V V V V V V V V V V V V	Adamelite Gabbro  ILEOZOIC / MLAD PALEOZOIK Serpentinite Seriote schist Quartz-graphite schist Choirite-seriote schist Quartzite and quartz sandstone  LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Choirite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phylite Marble darid carbonate schist Graphite schist and phylite Marble indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibole-chlorite schist	Adameirii Gabrovi  Serpentiniti Senditski shkrikdi Kvarcno-grafitioni shkrikdi Kvarcno-grafitioni shkrikdi Horit-senditski shkrikdi Kvarciti i kvarcni pesochnikdi  Hiorit-amfibolski skrikdi Hiorit-amfibolski skrikdi Memeri i karbonatni shkrikdi Grafitioni shkrikdi i filiti Memeri Hiorit-kvarro-senditski shkrikdi Neopredelen postar paleozoik: shkrikd,kvarcporfiri i memeri Amfibol-hloritski shkrikdi i metadijabazi
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52	Y Y Y V LATE PA Se Sse Sgr Sco Sq OLD PA Scoam F M Scose PZ1 Samo Samo	Adamelite Gabbro  LLEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Quartz-graphite schist Chlorite-sericite schist Quartz-graphite schist Quartz-graphite schist Quartzite and quartz sandstone LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chlorite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phylite Marble Chlorite-quartz-sericite schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibote-chlorite-schist Amphibote-chlorite-schist	Adameiră Gabrovi  Serpentiniti Saricitski shkrikci Kvarcno-grafiticni shkrilci Hlorit-sericitski shkrilci Hlorit-sericitski shkrilci Hlorit-amfibolski skrilci Fikti, metapesochnici i memeri Memeri i karbonatni shkrilci Grafiticni shkrilci i filti Memeri Hlorit-kvarc-sericitski shkrilci Neopredelen postar paleozoik: shkrilci, kvarcporfiri i memeri Amfibol-hloritski shkrilci i metadijabazi Amfibol-hloritski shkrilci shkrilci
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	Y Y Y V LATE PA Se Sse Sgr Sco Sq OLD PA Scoam F Fgr M Scose Pz, Sam Samoo vam	Adamelite Gabbro  LEOZOIC / MLAD PALEOZOIK Serpentinite Seriotis schist Cuartz-graphite schist Chorite-seriotis schist Quartzite and quartz sandstone  LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chorite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phyllite Marble Chlorite-quartz-seriotie schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibole-chlorite schist Amphibole-chlorite-serioite schist Amphibole-chlorite-serioite schist Amphibole-chlorite-serioite schist Amphibole-chlorite-serioite schist Amphibole-chlorite-serioite schist Amphibole-chlorite-serioite schist	Adameirii Gabrovi  Serpentiniti Sericitski shkrikci Kvarcno-grafiticni shkrilici Hlorit-sericitski shkrilici Kvarciti i kvarcni pesochnici  Hlorit-amfibolski skrilici Fiiki, metapesochnici i mermeri Memeri i kartonathi shkrilici Grafiticni shkrilici i fiikiti Memeri Hlorit-kvarc-sericitski shkrilici Neopredeben postar paleozoik: shkrikci,kvarcporfiri i mermeri Amfibol-hloritski shkrilici i metadijabazi Amfibol-hlorit-sericitski shkrilici Amfibol-hlorit-sericitski shkrilici
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54	Y Y Y V LATE PA Se Sse Sgr Sco Sq OLD PA Scoam F M Scose Pz, Sam Samco vam Sep	Adamelite Gabbro  LICOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Quartz-graphite schist Chorite-sericite schist Quartzite and quartz sandstone LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chorite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phylite Marble Chlorite-quartz-sericite schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphiboet-chlorite schist Epidote-quartz-sericite-chlorite schist	Adameliä Gabrovi  Serpentiniti Sorlotitski shkrikci Kvarcne-grafitioni shkrikci Hlorit-sericitski shkrikci Hlorit-sericitski shkrikci Kvarciti i kvarcni pesochnici Hivrit-amfibolski skrikci Fiikti, metapesochnici i mermeri Mermeri i karbonatni shkrikci Grafiticni shkrikci i filiti Mermeri Hlorit-kvarc-sericitski shkrikci Neopredelen postar paleozoki: shkrikci,kvarcporfiri i mermeri Amfibol-hlorit-sericitski shkrikci Amfibol-hlorit-sericitski shkrikci Amfibol-hlorit-sericitski shkrikci Amfibol-blorit-sericitski shkrikci Epidot-kvarc-sericitski shkrikci
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	Y Y Y V LATE PA Se See Ser Ser Sco Sq POLD PA Scoam F M Scose P21, Sam Samco vam Sep Sep	Adamelite Gabbro  LEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Cuartz-graphite schist Chlorite-sericite schist Cuartz-graphite schist Cuartzite and quartz sandstone  LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chlorite-amphibolite schist Chlorite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phylifite Marble Chlorite-quartz-sericite schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibote-chlorite-schist Amphibote-chlorite schist Amphibote-chlorite schist Amphibote-chlorite-sericite schist Amphibote-chlorite-sericite schist Amphibote-chlorite-sericite schist Albite-quartz-sericite-chlorite schist Albite-quartz-sericite-chlorite schist	Adameitii Gabrovi  Serpentinitii Saricitski shkrikci Kvarcno-graftiteni shkrilci Hlorit-sericitski shkrilci Hlorit-sericitski shkrilci Kvarciti i kvarcni pesochnici  Hlorit-amfibolski skrilci Filiki, metape-sochnici i mermeri Memeri i karbonatni shkrilci Graftitcii shkrilci i metapeli ilitii Memeri Hlorit-kvarc-sericitski shkrilci Neopredelen postar paleozoik: shkrilci, kvarcporfiri i mermeri Amfibol-hloritski shkrilci i metadijabazi Amfibol-hloritski shkrilci i metadijabazi Amfibol-hloritski shkrilci Amfibol-hloritski shkrilci Amfibol-hloritski shkrilci Amfibol-kvarc-sericit-floritski shkrilci Albit-kvarc-sericit-floritski shkrilci Albit-kvarc-sericit-floritski shkrilci
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 58	LATE PA Se See Sec Sq Sco Sq OLD PA Scoam F M' Scose Pz, Sam Samco vam Sep Sap	Adamelite Gabbro  LECZOIC / MLAD PALEOZOIK Serpentinite Seriotis schist Quartz-graphite schist Chointe-seriotis schist Quartzite and quartz sandstone  LECZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chorite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phyllite Marble Chlorite-quartz-seriote schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibole-chlorite-seriote schist Amphibole-chlorite-seriote schist Amphibole-chlorite-seriote schist Amphibole gabbro Eddote-quartz-seriote-chlorite schist Albite-quartz-seriote-chlorite schist Albite-quartz-seriote-chlorite schist Albite-quartz-seriote-chlorite schist Granite (a); schistose granite (b)	Adameirii Gabrovi  Serpentiniti Sericitski shkrikci Sericitski shkrikci Kvarcno-grafitioni shkrilici Hlorit-sericitski shkrilici Kvarciti i kvarcni pesochnici  Hlorit-amfibolski skrilici Fiiki, metapesochnici i mermeri Memmeri i karbonathi shkrilici Grafitioni shkrilici i fiikiti Memmeri Hlorit-kvarc-sericitski shkrilici Neopredeben postar paleozoik: shkrikci,kvarcporfiri i mermeri Amfibol-hloritski shkrilici i metadijabazi Amfibol-hloritski shkrilici i metadijabazi Amfibol-ski gabro Epidot-kvarc-sericit-floritski shkrikci Albit-kvarc-sericit-floritski shirici Graniti (a): shkrilesti graniti (b)
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57	LATE PA Se See See Sco Sco Scoam F M Scose PZ <sub>1</sub> Samco vam Samco vam See See See See See See See See See Se	Adamelite Gabbro  LLEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Quartz-graphite schist Chlorite-sericite schist Quartz-graphite schist Quartz-graphite schist Quartzite and quartz sandstone LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chlorite amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phylite Marble Chlorite-quartz-sericite schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibole-chlorite-schist Amphibole-chlorite-schist Amphibole-chlorite-schist Amphibole-chlorite-schist Amphibole-quartz-sericite-chlorite schist Amphibole-quartz-sericite-schist Amphibole-quartz-sericite-schist Amphibole-quartz-sericite-schist Amphibolite gabbro Epidote-quartz-sericite-chlorite schist Albite-quartz-sericite-chlorite schist Granite (a); schistose granite (b) Metamorphic quartz-porphyry	Adameiti Gabrovi  Serpentiniti Serletitski shkrikci Kvarcno-grafiteni shkrilci Hlorit-serletiski shkrilci Hlorit-serletiski shkrilci Hlorit-tamfibolski skrilci Fikti, metapesochnici i memeri Memeri i karbonatni shkrilci Grafiticii shkrilci i metadijabazi Amfibol-hloritski shkrilci Amfibol-hloritski shkrilci Amfibol-hloritski shkrilci Amfibol-hloritski shkrilci Grafiti (a); shkrilci shrilci Graniti (a); shkrilesti graniti (b) Metamorfisani kvarporfiri
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58	ATE PASE See Ser Scoom F Scoom F M Scose PAT Scoom Semoo vam Sep	Adamelite Gabbro  LEOZOIC / MLAD PALEOZOIK Serpentinite Seriotie schist Cuartz-graphite schist Cuartz-graphite schist Cuartz-graphite schist Cuartzite and quartz sandstone  LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chlorite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phyllite Marble Chlorite-quartz-seriotie schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibole-chlorite schist Amphibolite gabbro Epidote-quartz-sericite-chlorite schist Albite-quartz-sericite-chlorite schist Granite (a); schistose granite (b) Metamorphic quartz-porphyry Augen-amycalaoidal genesses	Adameiti Gabrovi  Serpentiniti Sarlottski shkrikci Kvarcno-grafitorni shkrikci Kvarcno-grafitorni shkrikci Hlorit-sericitski shkrikci Kvarciti i kvarcni pesochnici Kvarciti i kvarcni pesochnici i memeri Hlorit-samfibolski skrikci Fikti, metapesochnici i memeri Memeri i karbonatni shkrikci Grafiticni shkrikci i filiti Memeri Hlorit-kvarc-sericitski shkrikci Neopredelen postar paleozoki: shkrikci, kvarcporfiri i memeri Amfibol-hlorit-sericitski shkrikci Amfibol-hlorit-sericitski shkrikci Amfibol-hlorit-sericitski shkrikci Amfibol-hlorit-sericitski shkrikci Amfibol-hlorit-sericitski shkrikci Amfibol-hlorit-sericitski shkrikci Amfibol-klorit-sericitski shkrikci Amfibol-hlorit-sericitski shkrikci Amfibol-ski gabro-bloritski shkrikci Albit-kvarc-sericit-hloritski shkrikci Albit-kvarc-sericit-ski shkrikci Albit-kvarc-sericit-hloritski shkrikci Albit-kvarc-sericit-ski shkrikci Albit-kvarc-sericit-s
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 55 56 57 58 59	Y Y Y Se See Segri Sco	Adamelite Gabbro  LEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Quartz-graphite schist Cuartz-graphite schist Cuartz-graphite schist Cuartz-graphite schist Cuartzite and quartz sandstone LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chlorite amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phylite Marble Chlorite-quartz-sericite schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibole-chlorite schist Amphibole-chlorite-schiorite schist Amphibole-chlorite-schiorite schist Amphibole-chlorite-schiorite schist Amphibole-chlorite-schiorite schist Amphibole-chlorite-schiorite schist Amphibole-chlorite-schiorite schist Albite-quartz-sericite-chlorite schist Albite-quartz-sericite-chlorite schist Granite (a); schistose granite (b) Metamorphic quartz-porphyry Augen-amygdaloidal gneisses	Adameiti Gabrovi  Serpentiniti Sericitski shkrikci Kvarcno-grafticni shkritci Hlorit-sericitski shkritci Hlorit-sericitski shkritci Kvarciti i kvarcni pesochnici  Hiorit-amfibolski skritci Filkti, metapesochnici i mermeri Memmeri i karbonatni shkritci Grafticni shkritci i filiti Memmeri Hlorit-kvarc-sericitski shkritci Neopredelen postar paleozoik: shkritci,kvarcporfiri i mermeri Amfibol-hloritski shkritci i metadijabazi Amfibol-hloritski shkritci Amfibol-hloritski shkritci Amfibol-hloritski shkritci Amfibol-kvarc-sericit-hloritski shkritci Albit-kvarc-sericit-hloritski shkritci Graniti (a); shkritesti graniti (b) Metamorfisani kvarcporfiri Okoasto-amfigdaloidni gnajsevi Porfiroblasticni gnajsevi Gnajsevi amfiboliti i mikashisti
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 55 56 56 56 60 60 60 60 60 60 60 60 60 60 60 60 60	ATE PASSE See Ser Scoom F Scoom F M Scoom Scoom Scoom F M Scoom Sep	Adamelite Gabbro  LEOZOIC / MLAD PALEOZOIK Serpentinite Seriotie schist Cuartz-graphite schist Cuartz-graphite schist Cuartz-graphite schist Cuartzite and quartz sandstone  LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chlorite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phyllite Marble Chlorite-quartz-seriotie schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibole-chlorite schist Amphibolite gabbro Epidote-quartz-sericite-chlorite schist Albite-quartz-sericite-chlorite schist Granite (a); schistose granite (b) Metamorphic quartz-porphyry Augen-amycalaoidal genesses	Adameită Gabrovi  Serpentiniti Sodrictiski shkrikci Kvarcno-grafiticni shkritci Hlorit-sericitski shkritci Hlorit-sericitski shkritci Kvarcit i kvarcni pesochnici Kvarcit i kvarcni pesochnici i memeri Memmeri I karbonatni shkritci Grafiticni shkritci i filiti Memmeri Hlorit-kvarc-sericitski shkritci Neopredelen postar paleozotic shkritci, kvarcporfiri i mermeri Amfibol-hlorit-sericitski shkritci Amfibol-hlorit-sericitski shkritci Amfibol-hlorit-sericitski shkritci Amfibol-hlorit-sericitski shkritci Gramit (a), shkritesti gramit (b) Metamorfisani kvarcporfiri Okosto-amfigdaloridni gnajsevi Granijsevi, amfiboliti i mikashisti Amfiboliti i amfbolitski shkritci
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 55 56 57 58 59	Y Y Y Se See Segri Sco Sey Scoam F Scoam F M Scose Pz, Sam Co Sam Sep Sab Sep	Adamelite Gabbro  LEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Quartz-graphite schist Chlorite-sericite schist Quartz-graphite schist Quartz-graphite schist Quartz-graphibolite schist Chlorite-amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phylite Marble Chlorite-quartz-sericite schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibole-chlorite-schist Amphibole-chlorite-schist Amphibole-chlorite-schist Amphibole-chlorite-schist schist Amphibole-chlorite-schist schist Amphibole-quartz-sericite-chlorite schist Amphibole-quartz-sericite-chlorite schist Albite-quartz-sericite-chlorite schist Albite-quartz-sericite-chlorite schist Granite (a); schistose granite (b) Metamorphic quartz-porphyry Augen-amygdaloidal gneisses Porphyroblastic gneisses Gneiss, amphibolite and mica schist Amphibole and amphibolite schist Amphibole and serieses	Adameiră Gabrovi  Serpentiniti Sericitski shkrikci Kvarcno-grafiticni shkrikci Hlorit-sericitski shkrikci Hlorit-sericitski shkrikci Kvarciti i kvarcni pesochnici  Hlorit-amfibolski skrikci Filiti, metapesochnici i mermeri Memeri i karbonatni shkrikci Grafiticni shkrikci i metadiyabazi Amfibol-hloritski shkrikci Mobic-kvarc-sericit-hloritski shkrikci Amfibol-hloritski shkrikci Metamorfisani kvarporfiri Okcesto-emfigdaloidni gnajsevi Porfirobiasticni gnajsevi Gnajsevi, amfiboliti i mikashisti Amfiboliti i amfibolitski shkrikci Muskovitski gnajsevi
36 37 38 39 40 41 42 43 44 45 47 48 49 50 51 52 53 55 56 60 61 62 63	ATE PASSE See Ser Scoom For M Scose Pain Samco vam Sep Sab G G G G G G G G G G G G G G G G G G G	Adamelite Gabbro  LEOZOIC / MLAD PALEOZOIK Sepentinite Seriotie schist Cuartz-graphite schist Cuartz-graphite schist Cuartz-graphite schist Cuartzite and quartz sandstone  LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chorite-amphibotite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phyllite Marble Chlorite-quartz-seriote schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibote-chlorite schist Amphibote-chlorite schist Amphibote-chlorite schist Amphibote-chlorite schist Amphibote-chlorite schist Amphibote-chlorite schist Canite (a); schistose granite (b) Metamorphic quartz-porphyry Augen-amydaloidal gneisses Porphyroblastic gneisses Gneiss, amphibotite and mica schist Amphibote and amphibotite schist Amphibote and amphibotite schist Amphibote and mica schist Amphibote and amphibotite schist Muscovite gneisses Mica schist and leptynolite	Adameirii Gabrovi  Serpentinitii Sericitski shkrikci Kvarcno-grafticni shkrikci Hlorit-sericitski shkrikci Hlorit-sericitski shkrikci Kvarciii kvarcni pesochnici  Hiorit-amfibolski skrikci Fiikti, metapesochnici i mermeri Memmeri i karbonathi shkrikci Grafticni shkrikci i fiititi Memmeri Hlorit-kvarc-sericitski shkrikci Neopredelen postar paleozoik: shkrikci,kvarcporfiri i mermeri Amfibol-hloritski shkrikci i metadijabazi Amfibol-hloritski shkrikci i metadijabazi Amfibol-hloritski shkrikci i metadijabazi Amfibol-hloritski shkrikci Amfibol-ki varc-sericit-hloritski shkrikci Albik-kvarc-sericit-hloritski shkrikci Graniti (a): shkrikesti graniti (b) Metamorfisani kvarcporfiri Okcesto-seridici-loritski shkrikci Graniti (a): antipoliti i mikashisti Amfiboliti i amfibolitski shkrikci Muskovitski gnajsevi Mikashisti i leptinoliti
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 53 54 66 61 62 63 64 64 64 64 64 64 64 64 64 64 64 64 64	Y Y Y Se See Segri Sco	Adamelite Gabbro  LEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Quartz-graphite schist Chorite-sericite schist Quartz-graphite schist Quartz-graphite schist Quartz-graphite schist Quartzite and quartz sandstone  LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chorite amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phylite Marble Chlorite-quartz-sericite schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibole-chlorite-schist schist Amphibole-chlorite-schist schist Amphibole-chlorite-schicite schist Amphibole-chlorite-schicite schist Amphibole-chlorite-schicite schist Amphibole-chlorite-schicite-schist Albite-quartz-sericite-chlorite schist Albite-quartz-sericite-chlorite schist Granite (a); schistose granite (b) Metamorphic quartz-porphyry Augen-amygdaloidal gneisses Gneiss, amphibolite and mica schist Amphibole and amphibolite schist Muscovite gneisses Mica schist and leptynolite Marble	Adameliă Gabrovi  Serpentiniti Sarlotitoli shkrilci Kvarcno-grafitioni shkrilci Hlorit-sericitski shkrilci Hlorit-sericitski shkrilci Kvarciti i kvarcni pesochnici  Hlorit-amfibolski skrilci Filiti, metapesochnici i memeri Memeri Memeri Harbonatini shkrilci Grafiticii skrilci Memeri Hlorit-kvarc-sericitski shkrilci Neopredelen postar paleozoik: shkrilci,kvarcporfiri i memeri Amfibol-hlorit-sericitski shkrilci Graniti (a): shkrilci shkrilci Albit-kvarc-sericit-hloritski shkrilci Graniti (a): shkrilci stirganiti (b) Metamorfisani kvarcporfiri Okosto-amfigdaloidni gnajsevi Gnajsevi, amfiboliti i mikashtsti Amfiboliti amfibolitski shkrilci Muskovitski gnajsevi Mikashtsti i leptinokit Memeri
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 55 56 56 61 62 63 64 66 66 66 66 66 66 66 66 66 66 66 66	Y Y Y V LATE PA See See Ser Scoom F Scoom F M Scoose P Pz, Sam Sep	Adamelite Gabbro LEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Cuartz-graphite schist Chlorite-sericite schist Cuartz-graphite schist Cuartzite and quartz sandstone LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chorite-amphibolite schist Phylitie, metasandstone and marble Marble and carbonate schist Graphite schist and phylitite Marble Chlorite-quartz-sericite schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibote-chlorite-sericite schist Amphibote-chlorite-sericite schist Amphibote-chlorite-sericite schist Amphibote-chlorite-sericite schist Amphibote-chlorite-sericite schist Amphibote-chlorite-sericite schist Granite (a): schistose granite (b) Metamorphic quartz-porphyry Augen-amygdaloidal gneisses Porphyroblastic gneisses Porphyroblastic gneisses Gneiss, amphibolite and mica schist Amphibote and amphibolite schist Muscovite gneisses Musca schist and leplynolite Marble Gamet nica schist	Adameliš Gabrovi  Serpentiniti Serlotiski shkrikci Kvarcno-graftični shkrikci Hlorit-sericiski shkrikci Kvarciti i kvarcni pesochnici  Hlorit-amfibolski skrilci Filki, metapesochnici i mermeri Mermeri i karbonatni shkrilci Graftični shkrilci i metadijabazi Amfibol-hloritski shkrilci Amfibol-hloritski shkrilci i metadijabazi Amfibol-hloritski shkrilci i metadijabazi Amfibol-hloritski shkrilci i metadijabazi Amfibol-hloritski shkrilci Amfibol-hloritski shkrilci Graniti (a); shkrilesti graniti Graniti (a); shkrilesti graniti (b) Metamorfisani kvarcporfiri Okoasto-amfigdaloidni gnajsevi Porfiroblastični gnajsevi Gnajsevi, amfiboliti i mikashisti Amfiboliti i amfibolitski shkrilci Muskovitski gnajsevi Muskovitski gnajsevi Muskovitski gnajsevi Mikashisti i leptinokiti Mermeri Granatski mikashisti
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 61 62 63 64 64 64 64 64 64 64 64 64 64 64 64 64	Y Y Y V LATE PA See See Ser Scoom F Scoom F M Scoose P Pz, Sam Sep	Adamelite Gabbro  LEOZOIC / MLAD PALEOZOIK Serpentinite Sericite schist Quartz-graphite schist Chorite-sericite schist Quartz-graphite schist Quartz-graphite schist Quartz-graphite schist Quartzite and quartz sandstone  LEOZOIC - PRECAMBRIAN / STAR PALEOZOIK - PREKAMBRIUM Chorite amphibolite schist Phylite, metasandstone and marble Marble and carbonate schist Graphite schist and phylite Marble Chlorite-quartz-sericite schist Indefinite older Paleozoic: schist, quartz-porphyry and marble Amphibole-chlorite-schist schist Amphibole-chlorite-schist schist Amphibole-chlorite-schicite schist Amphibole-chlorite-schicite schist Amphibole-chlorite-schicite schist Amphibole-chlorite-schicite-schist Albite-quartz-sericite-chlorite schist Albite-quartz-sericite-chlorite schist Granite (a); schistose granite (b) Metamorphic quartz-porphyry Augen-amygdaloidal gneisses Gneiss, amphibolite and mica schist Amphibole and amphibolite schist Muscovite gneisses Mica schist and leptynolite Marble	Adameliă Gabrovi  Serpentiniti Sarlottoki shkrikci Kvarcno-grafitioni shkrikci Kvarcno-grafitioni shkrikci Kvarciti kvarcni pesochnici  Hiorit-amfibolski skrikci Fikti, metapesochnici i mermeri Mermeri i karbonatni shkrikci Grafiticni shkrikci i fikti Mermeri Hiorit-kvarc-sericitski shkrikci Amfibol-hiorit-sericitski shkrikci Amfibol-ki gabro Epidot-kvarc-sericit-hioritski shkrikci Albit-kvarc-sericit-hioritski shkrikci Albit-kvarc-sericit-hioritski shkrikci Metamorfisani kvarporfiri Okosto-amfigdaloidni grafisevi Grafisevi, amfiboliti i mikashisti Amfiboliti i amfibolitski shkrikci Muskovitski gnajsevi Mikashisti i leptinokiti Mermeri

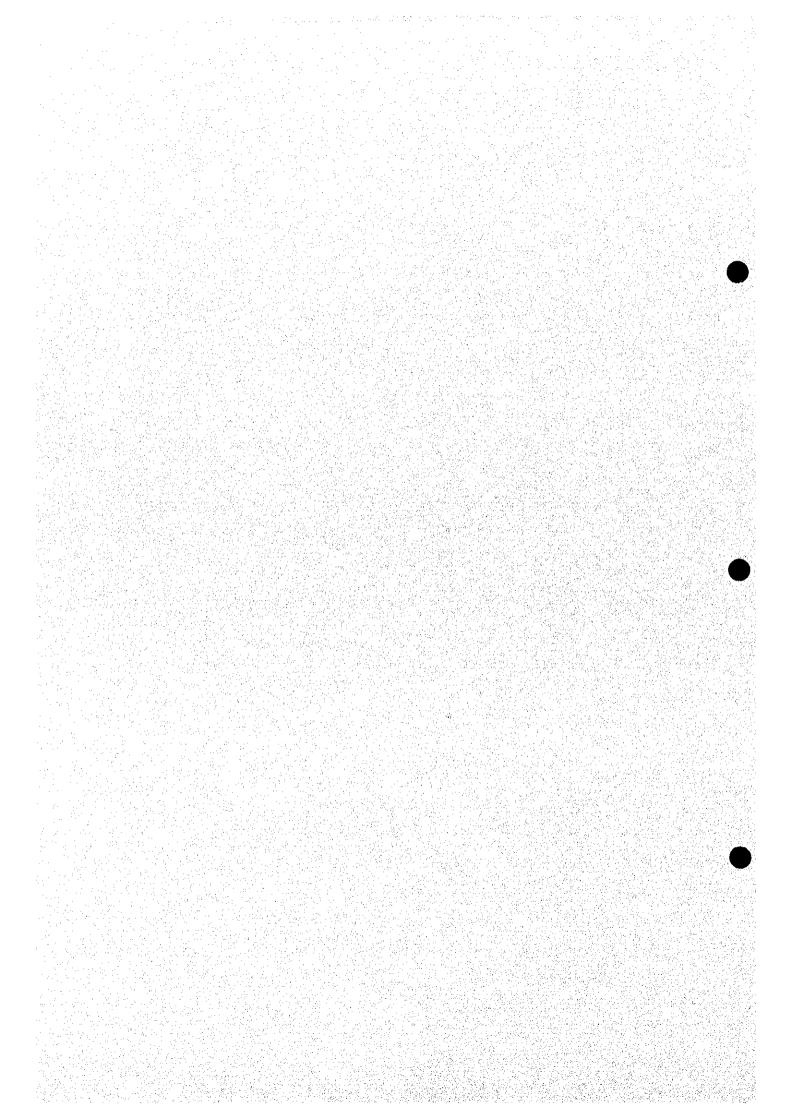
### Table AN4.5 Legend of Geology (Strumica Valley)

		•	
	QUATER	NARY / KVARTER	
1	al	Alluvium	Aluvium
2	ď	Diluvium	Deluvium
3	pr	Slope material -	Protuvium
4	t <sub>1</sub>	Lower Terrace	Poniska terasa
5	b	Organogenic marsh (bog iron) sediment	Organogeno-barski sedimenti
6	12	Higher terrace	Povisoka terasa
7	i	Spring tufa	Izvorski bigor
,	•	Opting tela	
	TERTIAR	Y AND JURASSIC / TERCIER I JURA	
8	Pl <sub>3</sub>	Gravel and sand	Chakali i pesoci
			Pesoci, glini i chakati
9	₽Į₃	Sand, gravel and clay	· •
10	Pl <sub>3</sub>	Clay	Glini
11		Pyritization	Piritizacija
12	а	Andesite	Andeziti
13	aa	Dacite	Daciti
14	E <sub>3</sub>	Volcanogenic sediment: sandstone; conglomerate limestone and tuffs	Vulkanogeni sedimenti: pesochnici, konglomerati, varovnici i tufovi
15	E <sub>3</sub>	Conglomerate and sandstone	Konglomerati i pesochnici
16	x	Vitrophyric rhyolite	Vitrofirski rioliti
17	x	Rhyolite: a) fine perphyritic; b) massive perphyritic	Rioliti: a) sitnoporfirski; b) krupnoporfirski
18		a) Silicification; b)Contact metamorphic and Scarn	<ul> <li>a) Silifikacija, b) kontaktno izmeneti i steni - skamovi</li> </ul>
19	$\beta \gamma J_3$	Porphyritic granodiorite	Porfiroidni granodioriti
20		a) Catalysis granite; b) Biotite granite	a) Kataklazirani graniti; b) biotitski graniti
	γJ <sub>3</sub>		Dijabazi
21 22	ββ	Diabase Gabbro	Gabrovi
	v		Glinci, pesochnici i argiloshisti ( dijabaz - rozhnachka formacija )
23	$J_3$	Claystone, sandstone and state ( diabase - hornfel formation)	
24	J <sub>3</sub>	Claystone, hornstone ( dibase - hornfel formation )	Glinci, rozhnaci i dijabazi ( dijabaz - rozhnachka formacija )
	OLD (LO	WER) PALEOZOIC / STAR PALEOZOIK	
25	Se	Serpentinite	Serpentiniti
26	vam	Amphibolite gabbro	Amfibolski gabro
27	γf	Leucocratic massive grained granite ( metasomatic )	Leukokratni krupnozmesti graniti ( metasomatski )
28		Hydrothermally altered ( metamorphic ) rocks	Hidrotermalno izmeneti steni
29	γ.	Aplite ( applitic ) granite	Aplitoidni graniti
30	γ	Fine - grained porphyritic granite	Silnozmesti porfiroidni graniti
31	Υ	Granite porphyry	Granitporfini
32	γm	Muscovite leucocratic granite	Muskovitski leukokratni graniti Dyoliskunski srednozmesti graniti
33	γ	Double mica medium grained granite	
34	Y	a) Biolite porphyritic granite	a) Biotitski porfiroidni graniti;     b) Biotitski porfiroidni granodioriti
٥.	γβ	b) Biotite porphyriticgranite diorite	Biotitski krupnozmesti graniti
35	Y	Biotite massive grained granite	Leukokratni shkrilesti graniti ( Kamenica )
36	Υ	Leucocratic shaly granite ( Kamenica )	Sitnoporfirski metarioliti
37 38	x' x'	Fine - grained porphyritic meta rhyolite	Krupnoporfirski metarioliti
39	x'	Medium - grained porphyritic metarhyolite Shaly meta rhyolite	Shkrilesti metarioliti
40	γm	Muscovite gneiss - like granite	Muskovitski gnajsoliki graniti
41	','''	Biotite gneiss - like granite	Biotitski gnajsoliki graniti
42	Ý	Double mica gneiss - like granite	Dvoliskunski gnajsoliki graniti
43	F	a) Phyllite; b) Metasandstone	a) Filiti; b) Metapesochnici
44	M	Marble	Mermeri
45	v	Metagabbro	Metagabrovi
46	Sco	Chlorite schist, metadiabase, desmosite and tuff	Hloritski shkrilci, metadijabazi dezmoziti I tufovi
47	x	Metaguartz - porphyry ( rhyolite )	Metakvarc - porfiri ( rioliti )
48	Sse	Quartz - scricite - chlorite schist	Kvarc - sericit - hloritski shkrifci
49	M	Marble	Mermeri
50	SF	Phyllite and carbonate schist	Filiti I karbonalni shkrilci
51	Sca	Carbonate schist and cipolin	Karbonatni shkrilci i cipolini
52	Şgr	Graphite schist	Grafitichni shkrilci
53	٧	Metagabbro	Metagabrovi
54	Spy	Amphibole and pyroxene schist	Amfiboliti I piroksenski shkritci
55	M	Marble	Mermeri Kusemi hiotiteki Lamfibolski shkriloi
56	Sb	Quartz, biotite and amphibole	Kvarcni, biotitski I amfibolski shkrilci
	DIDUELA	AN CAMBRIAN / RIFEJ - KAMBRIUM	
57	Sam	Amphibolite schist	Amfibolski shkrilci
58		Epidole - quartz - sericite - chlorite schist	Epidot - kvarc - sericit - hloritski shkrilci
59		Phyllite and phyllite mica schist	Filiti I filitomikashisti
60		Albite - quartz - muscovite - chlorite schist	Albit - kvarc - muskovit - hloritski shkrilci
	PRECA	MBRIAN / PREKAMBRIUM	
61		Marble	Mermeri
62		Mica schist	Mikashisti
63		Mica schist and leptynolite	Mikashisti i leptinoliti
64		Leptynite	Leptiniti
65		Amphibolite	Amfiboliti
66		Amphibolite schist	Amfibolski shkrilci
67		Muscovite gneiss	Muskovitski gnajsevi
68		Biotite gneiss	Biotitski gnajsevi Pegmatizacija
69		Pegmatic phase Microstile: a) porphyroblectic gnelse b) Feldenethoid gnelse	megmatiti: a) porfiroblastichni gnajsevi b) feldspatizirani gnajsevi
70	Mi	Migmatite: a) porphyroblastic gnelss b) Feldspathoid gneiss c) Feldspathoid gneiss	c) feldspatizirani gnajsevi
71	Gmb	C) recispations gneiss  Double mica striped (bandede) gneiss	Dyoliskunski trakasti gnajsevi
	31110		The state of the s



Annex 5

Legend of Hydrogeology



### Legend



Medium to high yielding aquifer Alluvial sands and gravels, T>10<sup>-4</sup> m<sup>2</sup>/sec



Low yielding aquifer
Fine-grained sands, occasionally clayey
T<10<sup>-4</sup> m²/sec
Neogene lake deposits, proluvial and diluvial deposits



Karst aquifer
Karstified limestone and marble
Marble, dolomite and limestone



Local aquifer Crystalline schist, sedimentary rocks



Practically without aquifer Homogeneous non-fractured rocks Marly and clayey rocks

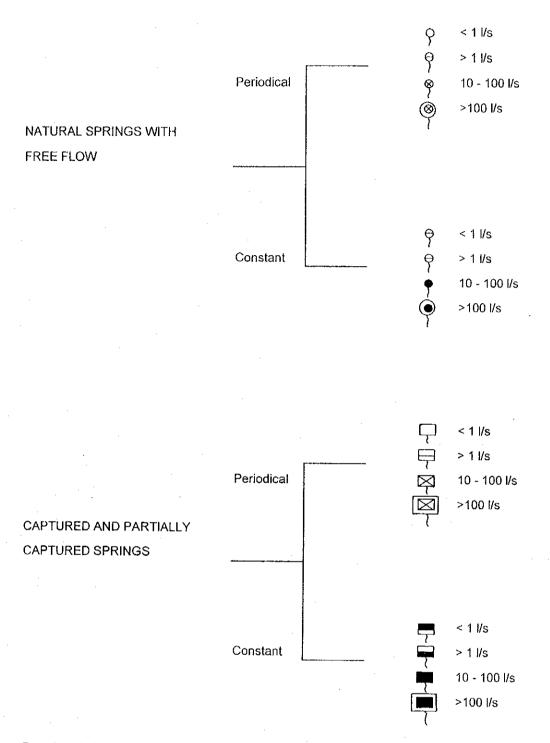
\* T: Transmissivity (m²/sec)

Figure AN5.1 Legend of Hydrogeology

### EXPLORATION MARKS AND EXPLOITATION FACILITIES

0	Radial well
	Infiltration gallery
	Capture of spring and large capacity spring
$\searrow$	Spa (capture of thermomineral water)
•	Non-captured (free flowing) spring
•	Borehole and dug ringed well
	Group of boreholes and dug ringed wells
0	Dug well
<b>&amp;</b>	Artesian borehole
<b>&amp;</b>	Group of artesian boreholes
Ф	Sub-artesian borehole
Φ	Borehole installed with piezometer
•	Group of boreholes installed with piezometer
\$	Thermomineral borehole
<b>3</b>	Group of thermomineral boreholes
•	Borehole
<b>(9)</b>	Group of boreholes

Figure AN5.2 Legend of Wells/Boreholes



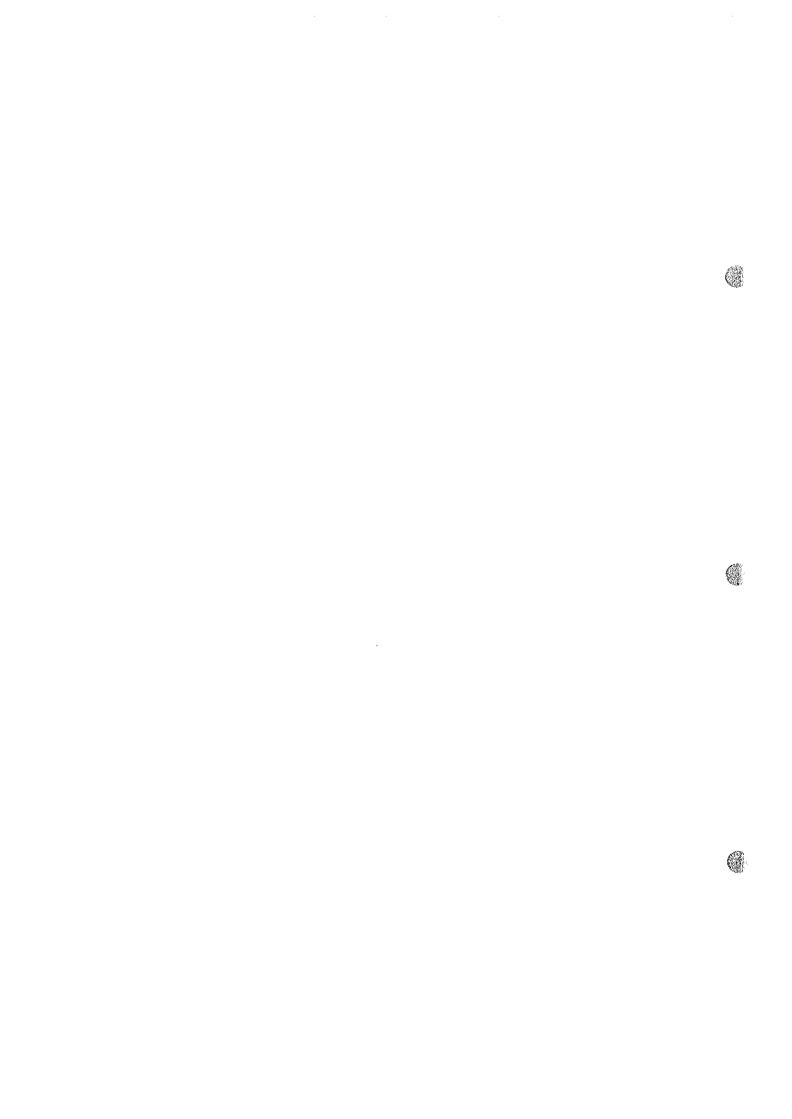
For mineral, thermal and thermomineral resources additional marks are inputed from the left side:

M - mineral

T - thermal

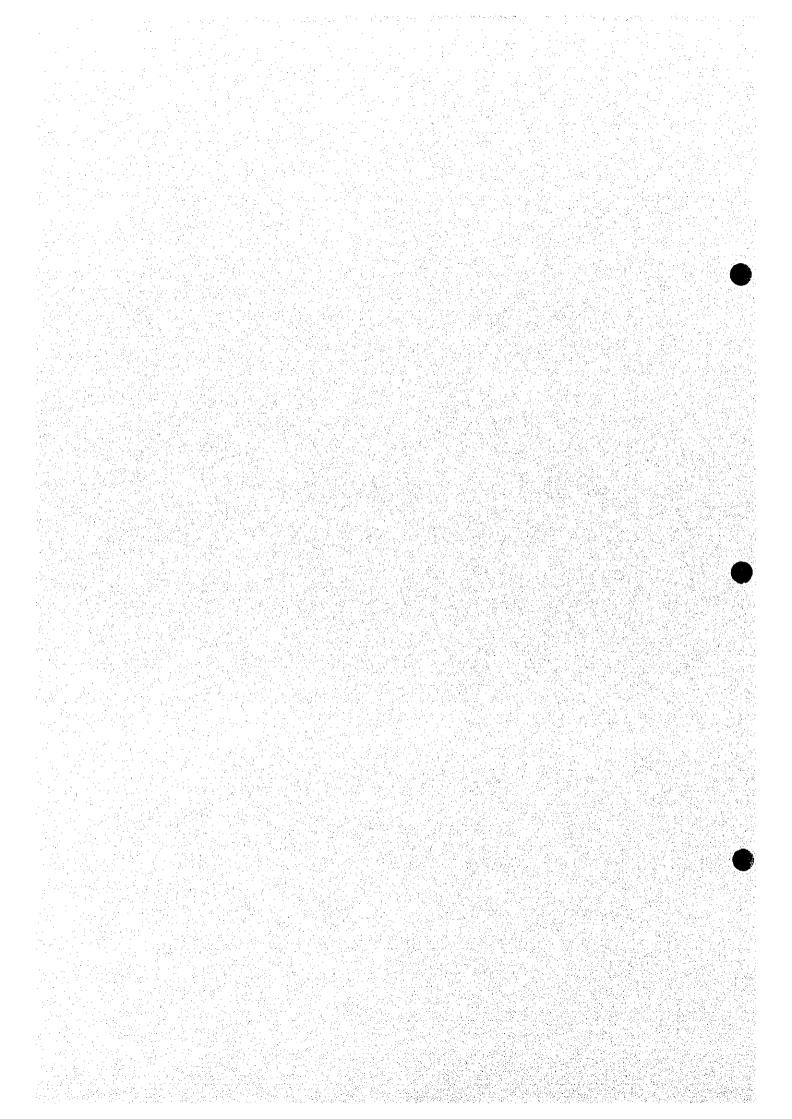
TM - thermomineral

Figure AN5.3 Legend of Springs



Annex 6

Surface Water Quality Records



# RESULTS OF SURFACE WATER QUALITY ANALYSIS IN THE REPUBLIC OF MACEDONIA FOR YEAR 1996

					~~~~	۳	~~~		T			······································								~~~						Т		~~~1	Т				
	Conductivity	mS/sm²	16		409	210	377	290	191		293	245	246	240	124		547	354	422	475	485	375	371	282		442	347	382	421	438	325	321	231
	Redox pot	IIIV	15		62.0	46.0	23.0	65.0	86.0		50.0	44.0	45.0	60.0	85.0		55.0	41.0	46.0	38.0	83.0	7.1	87.0	103.0		55.0	41.0	51.0	38.0	80.0	71.0	87.0	97.0
	五		14		8.10	7.80	7.40	8.15	7.62		7.90	7.75	7.80	8.05	7.61		8.00	7.75	7.80	7.60	8.45	8.25	7.64	7.90		8.00	7.75	7.88	7.60	8.40	8.25	7.64	7.80
	Ąį	NTU (turbid)	13		,	1.0	2.0	2.0	4.0			34.0	8.0	8.0	8.0		-	•	21.0	5.0	6.0	16.0	13.0	3.0		_	-	15	15	က	<b>64</b>	14	8
Physical and organoleptic properties	Clarity	mg/I SiO <sub>2</sub>	12		•	0.8	6.9	5.0	3.0		-	1.5	6.9	5.0	4.0		-	2.5	2.5	8.7	2.5	5.0	4.0	4.0		•	2.5	2.5	9.3	2.5	ည	5	3
nd organolep	emperature in °C	air	11		1.5	7.0	19.0	17.4	10.2		2.0	9.6	23.0	21.0	11.9		3.0	2.1	13.0	21.0	25.0	23.0	13.0	5.0		3.0	1.7	15.0	22.0	25.0	22.5	12.5	5.0
Physical a	Temperat	water	10		9.0	9.0	7.5	10.0	9.2		5.0	4.8	10.0	14.0	9.7		5.2	4.7	8.3	12.0	18.0	14.5	9.8	5.0		4.6	2.9	8.3	13.5	15.0	15.0	9.1	5.0
	Det. Color	mg/l Pt	6		2.5	2.5	5.0	2.5	5.0		2.5	5.0	10.0	5.0	10.0		2.5	2:0	2.5	10.0	2.5	5.0	12.5	10.0		2.5	10.0	5.0	10.0	5.0	5.0	12.5	5.0
	Visible	color	8		No.	£	ş	SK.	S.		S	Low turbid.	Low turbid.	N <sub>O</sub>	<b>₽</b>		Low turbid.	Low turbid.	Low turbid.	Low turbid.	Š	No	S <sub>S</sub>	ON.		Low turbid.	Low turbid.	Low turbid.	SN.	N <sub>o</sub>	2	Low turbid.	Low turbid.
	Odor		7		ટ	S	No No	S	So		o <sub>N</sub>	Se.	Rot	2	S		운	ટ	SN	Bez	No	S	2	₽		2	N <sub>O</sub>	2	No	S	S	S	Š
	Floating	solid waste	ဖ	ake point)	S.	oN.	No	S.	S.	STIVAR)	No	용	Domestic wast	S	No	TOVO)	oN.	No	<u>8</u>	Domestic wast	S	SN.	Š	SN.		§ N	Š	Š	2	°N.	S	8	8
Hydrology parameters	W. flow	Om <sup>3</sup> /s	5	VRUTOK (intake point						BALIN DOL (under GOSTIVAR)						SARAKINCI (under TETOVO)									JEGUNOVCE								
Hydrology	W. level	Hsm	4	DAR - village					47	<b>!</b>					:	>									>							-	
Date	*	sampling	3	01. River VARDAR	22.01.1996	01.04.1996	27.05.1996	26.08.1996	28.10.1996	02. R. VARDAR	22.01.1996	01.04.1996	27.05.1996	26.08 1996	28.10.1996	03. R. VARDAR	23.01.1996	27. 02. 1996	01.04.1996	27, 05, 1996	01. 07. 1996	26. 08. 1996	28. 10. 1996	17. 12. 1996	04. R. VARDAR	23.01.1996	27, 02, 1996	01. 04. 1996	27.05.1996	01. 07. 1996	26. 08. 1996	28. 10. 1996	17. 12. 1996
Labor.	apos	:	2		96 - 002	96-049	96-118	96-218	96 - 289		96 - 003	96-050	96-119	96-219	96 - 290		96-004	96-018	96-051	96 - 120	96 - 177	96 - 220	96 - 291	96 - 346		96 - 005	96-019	96 - 052	96 - 121	96 - 178	96 - 221	96 - 292	96 - 347
	Ž	<u></u>	-		24	25	97	27	28		29	8	31	32	33		ਲ	35	36	37	38	39	9	41		42	43	4	45	94	47	48	49

	- Apple	atrice a	Hydrology parameters	narameters					Physical ar	nd organoles	Physical and organoleptic properties				
ž	Labol.		W level	W. flow	Floating	Odor	Visible	Det. Color	Temperature in °C	nie in C	Clarity	ξĵ	풉	Redox pot.	Conductivity
····	2000	,	T ST	Q m³/s	solid waste		color	mg/l Pt	water	air	mg/l SiO <sub>2</sub>	NTU (turbid)		MV	mercin
-	6	3	4	50	9	7	80	ნ	10	11	12	13	14	15	10
	•	05. R. VARDAR	S,	SARAJ										\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	977
હ	90-96	24 01 1996	İ		S.	Ν̈́	Low turbid.	5.0	4.5	1,5	ı		8.00	99.0	814
3 2	000 90	27 N2 1996			°N	ş	Low turbid.	10.0	5.4	7.0	5.0	,	7.82	47.0	35/
5 5	30 - 00	02 04 1006			SN SN	2	Low turbid.	5.0	8.0	10.0	6.0	26	8.05	61.0	512
25 62	30-00	02. 04. 1930 20 05 1006			S S	2	Low turbid.	10.0	16.0	17.0	9.7	35	8.08	63.0	372
3 3	8-1-5	20.03.1330			S CN	2	S.	5.0	18.0	26.0	2.5	80	8.48	85.0	455
g	8/1-8	01.07.1550			2 2	S	2	2.5	20.5	32.0	5.0	15	8.60	0.06	385
ន	767 - 06	20 40 1006			CN CN	2	Low turbid.	12.5	10.2	14.4	4.0	13	7.44	75.0	228
8 12	90 - 230	17 12 1996			°N.	S	Low turbid.	5.0	8.8	7.0	4.0	30	7.93	104.0	237
3		OF B VARDAR	SKOPJE - VLAE	VLAE											
8	96 001	27 07 1006			No.	2	Low turbid.	7.5	6.2	7.0	2.5	•	7.90	51.0	423
8	170 - 06	27. 02. 1330	3		2 2	S S	Low turbid.	5.0	9.5	14.5	1.3	67.0	8.10	62.0	442
2 8	20 - 06 20 - 06	20 05 1006			2 2	2	Low turbid.	10.0	16.0	25.0	9.0	28.0	8.20	68.0	466
3 8	20 20	04 07 4006			S S	2	2	5.0	19.0	25.0	2.5	3.0	8.55	68.0	557
ō 8	001 - 06	27 00 4006			2 2	2	2	2,5	20.0	31.0	2.0	8.0	8.20	0:99	440
3 8	30 - 233	20 10 1006	36		2	2	Low turbid.	12.5	10.5	16	4	12	7,44	75	389
3 2	20 257	19 17 1008			2	2	No.	5	7.5	5.6	4	4	8.03	111	443
8	300 - 00	OZ P. VARDAR	AR SKOP.IE	COMPLEX OF BANKS	BANKS										
į	200 90	24 04 4006			N	2	Low turbid.	5	9	2.5	-		ဆ	55	613
8 8	200 - 06 000 - 00	27 00 1006			2 2	2	Low turbid.	10	6.2	8.5	5.0		6.7	51	452
8 6	30 - 027 06 058	02 120 120 U			2	2	Zamatena	2	9.5	14.8	1.3	22.0	8.05	61	475
6	30 - 00	28 05 1006		,	2	8	Low turbid.	10	4	18.8	0.6	27.0	8.15	65	498
8 8	90 - 127 06 - 181	01 07 1996			2	No.	શ્	5	11	23	3.0	3.0	9.8	92	641
3 5	06-234	27 OR 1996	,	-	2	2	2	2.5	18	31	5.0	0.6	8.35	75	400
7,	96-298	29 10 1996	89		o <sub>N</sub>	2	Low turbid.	12.5	10.6	91	4.0	13.0	7.39	- 1	308
72	96-353	18. 12. 1996			Se.	S.	No	5	7.3	7.4	4.0	4.0	8.05	111	#
		08. R. VARDAR		SKOPJE - JURUMLERI										ů,	1.50
73	800-96	24, 01, 1996			Dom. and indus	Rot	Low turbid.	2	5.3	2.5	,	•	8.02	ec :	817
74	96 - 025	28.02.1996			No.	운	Low turbid.	12.5	6.6	8.8	9.0	•	7.82	89 7	808
75	090 - 96	03 04, 1996	-		No.	Rot	Turbid	2	9.2	10	1,3	13.0	7.95	94	450
199	96 - 129	29, 05, 1996			Domestic wast	S	Low turbid.	2	13.5	6	10.5	40.0	တ	92	282
77	96 - 184	02.07.1996		,	Domestic wast	-Set	S.	သ	17.5	26.4	3.5	4.0	8.12	65	263
, e	96 236	28 08. 1996			Domestic wast	Rot	Turbid	5	18.4	52	7.5	11.0	9.7	36	655
2 6	96-300	30, 10, 1996	110		Dom. and indus	£	Low turbid.	12.5	6.9	13.6	2.0	16.0	7.41	74	506
2 8	96 -010	18 12 1996	ŀ	,	2	2	Low turbid.	7.5	7.5	6.2	4.0	7.0	7.99	108	569
	:														

Table 1/3

~Т				~~~									Y						1												~~~			·		
	Conductivity	mS/sm_	9		755	470	440	578	802		630	491	345		817	570	440	574	797	645	501	437		776	518	398	292	802	940	490	427		505	628	730	498
	Redox pot.	À	15		45.0	49.0	52.0	49.0	71.0		75.0	0.69	111.0		40.0	48.0	52.0	46.0	69.0	80.0	96.0	105.0		40.0	49.0	46.0	46.0	71.0	86.0	64.0	100.0		36.0	35.0	55.0	9.09
	五		14		7.80	7.85	7.90	7.82	8.22		8.30	7.33	8.05		7.70	7.82	7.90	7.80	8.20	8.40	7.29	7.94		7.70	7.85	7.80	7.80	8.22	8.50	7.26	7.85		7.60	7.60	7.90	7.34
	ıţ	NTU (furbid)	13		-	,	37.00	37.00	2.00		7.0	15.0	5.0				45.0	54.0	4.0	12.0	14.0	5.0		,	-	32.0	122.0	3.0	7.0	12.0	5.0		11.0	54.0	16.0	15.0
Physical and organoleptic properties	횾	mg/I SiO <sub>2</sub>	12		•	2.00	1.70	12.40	3.50		7.5	5.0	4.0		•	5.0	1.4	11.4	3.0	7.5	4.0	5.0			S.	1.1	13.2	3	7.5	4	9		1.3	14.6	10	4
nd organolep	J. Wien	air	11		3.7	4.2	14.0	11.0	28.0		32.0	17.8	7.8		4.0	7.8	14.0	10.0	31.0	34.0	17.1	10.6		4.0	8.0	14.5	10.0	30.0	34.0	17.9	-		10.0	14.4	29.5	14.3
Physical ar	Temperature in "C	water	10		5.4	6.0	9.6	15.0	20.0		22.5	11.8	7.3		5.6	5.8	6.6	15.0	24.0	24.8	11.5	7.5		5.8	5.8	6.6	15.0	23.0	23.5	11.5	7.6		9.2	12.0	23.2	11.8
	Det. Color	mg/l Pt	6		7.5	10.0	2.5	5.0	5.0		2.0	12.5	7.5		7.5	10.0	7.5	5.0	5.0	5.0	12.5	7.5		7.5	12.5	5.0	7.5	5.0	5.0	15.0	7.5		2.5	10.0	10.0	7.5
	Visible	color	80		Low turbid.	Low turbid.	Low turbid.	Low turbid.	2		S	Low turbid.	Low turbid.		Turbid	Low turbid.	Turbid	Low turbid.	2	<u>.</u> 9	Low turbid.	Low turbid.		Turbid	Low turbid.	Turbid	Turbid	2	2	Low turbid.	Low turbid.		Turbid	Turbid	No	S.
	Odor		7		2	S	S S	S.	S <sub>S</sub>		S.	ş	S.		2	SN	οŅ	οN	S	No	Na maslo	2		o <sub>N</sub>	SN SN	ON.	SN SN	2	ž	Masio	2		Nc	No.	No	SN.
	Floating	soild waste	9		S	£	S	£	운		£	Lubricants	ş		2	No	2	ž	Petrol	S.	Oil and Dom.	2	4	S	S <sub>N</sub>	Lubricants	S.	S	ž	Dom. and indus	2		No.	8	No	%
arameters	W. flow	om/s	5	SELO						SELO						1		,	•				WOFR. BABUNA				-					VCI				
Hydrology parameters	W. level	H ST	4	R - Y. BASINO SELO						R - v. BASINO				R - VELES		135	•				72	104	R - After inflow of R.									R - v. NOGAEVCI				
Date	70	sampling	6	09. R. VARDAR	25. 01. 1996	28. 02. 1996	03. 04. 1996	29. 05. 1996	02. 07. 1996	10. R. VARDAR	28 08. 1996	30, 10, 1596	18. 12. 1996	11. R. VARDAR	25.01.1996	28. 02. 1996	03.04.1996	29. 05. 1996	02. 07. 1996	28 08. 1996	30. 10. 1996	18. 12. 1996	12. R. VARDAR	25.01.1996	28. 02. 1996	03. 04. 1996	29. 05. 1996	02. 07. 1996	28 08. 1996	30, 10, 1996	18, 12, 1996	13. R. VARDAR	04. 04. 1996	30.05.1996	29. 08. 1996	31, 10, 1996
Labor.	code		2		Г		190-96	96 - 130			96-237	96-301	96 - 355		96-011	96 - 027	96 - 062	96 - 131	96 - 186	96 - 238	96 - 302	96 - 356		96 - 012	96 - 028	96 - 063	96 - 132	96 - 187	96 - 239	96 - 303	96 357	-	96 - 065	96 - 134	96 - 241	96 - 305
	.6		-		18	85	83	26	382		98	87	88		88	06	91	35	83	94	38	96	]	97	88	66	100	101	102	103	104		105	106	107	108

14. R. VARDAR - GEVGELLIA   No   No   Turbid   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10.0   10		Posts	Traffoliose -	- Statemerer	_				risystem a		Physical and organisablic properties	•			
spin (b)         Name (c)         Name (c)         Time (c)	ğ.		riginal had	M. flow	Floating	Oder	Visible	Det Color	Temperat	C ui ein	ซื	ırity	돐.	Redox pot.	Conductivity
14	apo	o oi	H SM	om3/s	solid waste	}	colar	mg/l Ft	water	air	mg/t SiO <sub>2</sub>	NTU (turbid)		ÀШ	mS/sm_
14. R. VARDIR - V. STARO GRADSKO         No         No         Turbid         7.5         5.0         5.0         7.40         7.50           20. 0.2. 1996         No         No         No         No         Turbid         7.5         5.8         4.0         5         7.5         7.5           20. 0.2. 1996         No         No         No         Turbid         7.0         7.2         17.5         14.0         5         7.5         7.5           10. 0.7. 1996         No         No         No         Turbid         7.0         24.0         3.0         4.0         8.20         7.5           10. 0.7. 1996         No         No         No         No         No         No         1.0         1.0         1.0         1.0         8.0         7.7         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0		B C	4	2	9	7	8	ō	10	1	12	13	14	15	9
25 02, 1996   No	$\ $	14 R VARDA		GRADSKO											
25, 07, 1395         No         No         Low Libbit         125         5.8         4,0         5         7.5         7.75           04, 04, 1996         No         No         No         Tunded         1.25         9.5         1.18         2         50.0         7.75           30, 07, 1996         No         No         Tunded         1.20         24.0         26.0         3.0         1.00         7.85         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0         7.75         1.0 </td <td>5</td> <td>26 04 1008</td> <td>•</td> <td></td> <td>o<sub>N</sub></td> <td>92</td> <td>Turbid</td> <td>7.5</td> <td>5.2</td> <td>5.0</td> <td>1</td> <td>ı</td> <td>7.40</td> <td>22.0</td> <td>775</td>	5	26 04 1008	•		o <sub>N</sub>	92	Turbid	7.5	5.2	5.0	1	ı	7.40	22.0	775
OLY, OLY, STAGE         No.         No.         Turbid         2.5         9.5         11.6         2.         33.0         77.5           0.0, OLY, STAGE         No.         No.         Turbid         10.0         17.5         17.5         14.2         66.0         7.86           0.0, OLY, STAGE         No.         No.         Turbid         10.0         6.3         9.0         1.0         1.0         8.0           1.0, OLY, 1966         No.         No.         No.         No.         No.         1.0         6.3         9.0         4.0         13.0         8.0           1.0, OLY, 1966         No.         No.         No.         No.         No.         1.4         5.5         5.0         4.0         8.0           1.0, OLY, 1966         No.         No.         No.         No.         1.0         7.4         5.5         5.0         4.0         8.0           1.0, OLY, 1966         No.         No.         No.         No.         1.0         1.0         2.4         3.0         1.0         8.0           1.0, OLY, 1966         No.         No.         No.         No.         No.         1.0         1.0         1.0         1.0		20 07 1996			ON.	2	Low turbid.	12.5	5.8	4.0	2		7.50	30.0	472
10	2 8	23, 02, 1990			No.	S	Turbid	2.5	9.5	11.8	2	33.0	7.75	43.0	502
15. C. 1986	135	20 04, 1990			2	2	Turbid	10.0	12.5	17.5	14.2	0.99	7.85	51.0	654
R. R. VARDAR - V. STARO GRADSKO         No         No         No         100         24.0         90.0         40         13.0         8.50           29 05 1956         No         No         No         No         No         10.0         6.3         9.0         40         13.0         7.37           19 1.2. 1956         No         No         No         No         Low Lumbd.         7.5         8.0         4.0         13.0         7.37           19. 12. 1956         No         No         No         Low Lumbd.         7.5         8.0         4.0         13.0         7.50           26. 01. 1956         No         No         No         No         Low Lumbd.         12.5         8.0         11.0         2.5         13.0         7.60           26. 01. 1956         No         No         No         Tumbd         2.5         8.0         11.0         2.5         13.0         7.60           31. 05. 1956         No         No         No         Tumbd         2.5         9.0         17.0         8.0         8.0           31. 05. 1956         No         No         No         No         No         10.0         7.3         2.2         5.0	2 2	30. 03. 1990 03. 07. 1996			2	No	2	5.0	24.0	29.0	3	4.0	8.20	99.0	988
25 00. 1996   No   No   No   No   100   240   300   100   110   8.60   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130   130	3	16 R VARDA	AR - V. STARO	GRADSKO											
19.12.1996   No   No   Low lunds   100   6.3   9.0   4.0   13.0   7.37   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95   1.95	. 242	1 29 08 1996			ON	No.	ON .	10.0	24.0	30.0	10.0	13.0	8.60	0.06	996
19. 12. 1996         No         No         Low lumbed         100         7.4         5.5         5.0         4.0         8.01           17. R. VARDAR - DEMIR KAPLIAA         No         Turbid         7.5         5.6         9.0	308-	31 10 1996			<sub>0</sub> N	S	S <sub>O</sub>	10.0	6.3	9.0	4.0	13.0	7:37	71.0	620
17. R. VARDAR - DEMIR KAPLJA         No         No         Turbid         7.5         5.6         9.0          7.60           2.6 0.1 1986         No         No         Lowfurbid. 12.5         5.8         6.5         6.0          7.66           2.9 0.2 1986         No         No         Turbid. 12.5         5.8         6.5         5.0          7.66           31, 05. 1986         No         No         Turbid. 12.0         13.0         18.0         13.0         7.40         7.60           31, 05. 1986         No         No         Turbid. 10.0         13.0         18.0         13.0         5.0         7.60         7.60           31, 05. 1986         No         No         No         No         No         7.5         7.2         5.8         5.0         5.0         7.60           31, 05. 1986         No         No         No         No         No         7.5         7.2         5.8         5.0         5.0         7.5           18. R. VARDAR - GEVGELUA         No         No         No         Turbid. 7.5         7.2         5.8         5.0         5.0         7.7           28. 0. 1966         A. VARDAR - GEVGELUA<	359	19, 12, 1996			SN.	SN N	Low turbid.	10.0	7.4	5.5	5.0	4.0	8.01	109.0	370
26. Of 1996         No         No         No         Turbid         7.5         5.6         9.0         -         7.60           29. 02. 1996         No         No         No         Low Lurbid         10.5         5.8         6.5         -         7.68           31. 05. 1996         No         No         No         Turbid         10.0         13.0         18.0         13.0         7.50           31. 05. 1996         No         No         No         No         No         10.0         22.4         25.0         13.0         7.50           0.0. 11.1. 1996         No         No         No         No         No         No         10.0         22.4         25.0         10.0         8.00           19. 12. 1996         No         No         No         No         No         No         10.0         22.4         25.0         1.00         8.00           19. 12. 1996         No         No         No         No         No         10.0         22.4         25.0         5.0         7.55           28. 02. 1996         S6         No         No         No         Low turbid         7.5         5.0         7.0         7.5         7.		17. R. VARD	AR - DEMIR KA	ALIA								<u> </u>			070
29 02, 1996         No         No         Lowturbid.         12.5         5.8         6.5         5.0         7.68           0.6 04, 1996         No         No         Turbid         2.5         9.0         11.0         2.5         134.0         7.40           31 05, 1996         No         No         No         Turbid         10.0         2.4         2.5         10.0         6.0         8.28           31 05, 1996         No         No         No         No         10.0         2.4         2.5         10.0         6.0         8.28           30 08, 1996         No         No         No         No         No         10.0         2.4         2.50         10.0         6.0         8.00           19, 12, 1996         No         No         No         No         No         7.5         7.2         5.8         5.0         5.0         7.56           20, 02, 1996         8.6         No         No         Turbid         7.5         7.2         5.8         5.0         5.0         7.7           20, 02, 1996         8.6         No         No         Lurbid         7.5         7.0         10.2         7.0         7.2         7.0<	3-014	76.01.1996			oN N	2	Turbid	7.5	5.6	0.6	•	•	09.	36.0	2 1
05 04 1996         No         No         Turbid         2.5         9.0         11.0         2.5         144.0         7.40           31 05, 1996         No         No         Turbid         10.0         13.0         18.0         13.0         13.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0         17.0	- 03	29, 02, 1996			Ñ	S	Low turbid.	12.5	5.8	6.5	5.0	1	2.68	es	547
31. 05. 1996         No         No         Turbid         10.0         13.0         13.0         52.0         7.50           03. 07. 1996         No         No         No         No         10.0         22.4         25.0         10.0         6.0         8.20           10. 07. 1996         No         No         No         No         10.0         22.4         25.0         10.0         6.0         8.00           19. 12. 1996         No         No         No         No         7.5         7.2         5.8         5.0         9.0         7.56           18. 12. 1996         R6         No         No         No         No         7.5         7.0         10.2         5.0         5.0         7.75           26. 0.1. 1996         85         No         No         No         Turbid         7.5         5.6         1.0         7.75         1.75           26. 0.1. 1996         85         No         No         No         Turbid         1.0         2.4         2.0         5.0         5.0         7.75         1.75           10. 0.1. 1996         No         No         No         No         Turbid         1.0         2.4         2.0 <td>0,20</td> <td>05 04 1996</td> <td></td> <td></td> <td><sup>Q</sup></td> <td>ş</td> <td>Turbid</td> <td>2.5</td> <td>0:6</td> <td>11.0</td> <td>2.5</td> <td>134.0</td> <td>7.40</td> <td>24</td> <td>2779</td>	0,20	05 04 1996			<sup>Q</sup>	ş	Turbid	2.5	0:6	11.0	2.5	134.0	7.40	24	2779
03. 07, 1996         No         No         No         No         No         10.0         22.4         25.0         35.0         5.0         8.28           30.08. 1996         No         No         No         No         10.0         7.3         5.2         5.0         10.0         8.00         8.00           19. 12. 1996         No         No         No         No         7.5         5.6         1.20         5.0         5.0         7.35           26. 07. 1996         85         No         No         Turbid         7.5         5.6         1.20         5.0         7.75           26. 07. 1996         85         No         No         Turbid         7.5         5.6         1.20         -         7.75           31. 05. 1996         85         No         No         Turbid         7.5         7.0         10.2         5.0         7.75           31. 05. 1996         85         No         No         Turbid         7.0         10.2         5.0         7.0         7.75           31. 05. 1996         No         No         No         No         No         10.0         16.6         5.0         7.0         7.0	139	31, 05, 1996			o <sub>N</sub>	2	Turbid	10.0	13.0	18.0	13.0	52.0	7.50	8	669
30 08, 1995         No         No         No         No         100         224         25.0         10.0         6.0         8.00         8.00           01.11, 1996         No         No         No         No         No         10.0         7.3         5.2         5.0         5.0         5.0         7.56           19, 12, 1996         No         No         No         No         No         7.5         7.2         5.8         5.0         7.75         7.80         7.75           26, 01, 1996         85         No         No         No         Turbid         7.5         7.0         1.0         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.75         7.81         7.75         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.82         7.82         7.82         7.81         7.82         7.81         7.82         7.82<	190	03 07 1996			Ş.	ટ્ટ	2	5.0	21.0	33.0	3.5	5.0	9.28	74	793
19.17. 1996         No         No         No         To	747	30 08 1996			ON	S.	ટ	10.0	22.4	25.0	10.0	6.0	8.00	28	915
18. F. VARDAR - GEVGELIJA         No         No         No         Turbid         7.5         5.6         12.0         5.0         5.0         7.82           18. R. VARDAR - GEVGELIJA         No         No         Turbid         7.5         5.6         12.0         -         7.80         7.75           29. 02. 1996         85         No         No         Turbid         12.5         7.0         10.2         5.0         -         7.75           31. 05. 1996         85         No         No         Turbid         2.5         10.2         1.9         90.0         7.75           31. 05. 1996         100         No         No         No         Turbid         10.0         14.6         95.0         7.72           30. 08. 1996         100         No         No         No         No         No         10.0         24.0         30.5         4.0         8.0         8.48           31. 05. 1996         100         No         No         No         No         10.0         7.4         20.7         5.0         7.0         7.85           23. LIPKOVSKO LAKE - Dam         No         No         No         Low turbid         10.0         18.2	يٰ	01 11 1996			2	2	R	10.0	7.3	5.2	5.0	9.0	7.56	83	627
18. R. VARDAR - GEVGELLJA         No         No         Turbid         7.5         5.6         12.0         -         7.80           29, 02, 1996         85         No         No         Low turbid         12.5         7.0         10.2         5.0         -         7.75           30, 02, 1996         85         No         No         Turbid         2.5         10.2         14.6         96.0         7.75           31, 05, 1996         No         No         Turbid         10.0         16.8         25.0         14.6         95.0         7.72           30, 08, 1996         No         No         No         No         No         10.0         24.0         30.5         4.0         8.0         84.8           10, 11, 1996         100         No         No         No         No         10.0         7.4         20.7         5.0         6.0         7.9           10, 11, 1996         100         No         No         No         No         10.0         7.4         20.7         5.0         6.0         7.9           22, 1996         10, 11, 1996         No         No         No         10.0         7.4         20.7         5.0         6.0<	- 359	19, 12, 1996			oN.	S.	S.	7.5	7.2	5.8	9:0	5.0	7.92	33	456
26. 07. 1996         85         12.0         -         -         7.80           29. 02. 1996         85         No         No         Low turbid         12.5         7.0         10.2         5.0         -         7.75           05. 04. 1996         85         No         No         Turbid         2.5         10.2         1.5         1.9         90.0         7.75           30. 05. 04. 1996         No         No         Turbid         10.0         16.8         25.0         14.6         95.0         7.72         7.72           30. 07. 1996         No         No         No         No         No         10.0         24.0         30.5         4.0         8.0         8.48         8.0           30. 08. 1996         100         No         No         No         10.0         24.0         30.5         6.0         7.0         7.8           40. 1.1. 1996         100         No         No         No         No         10.0         7.4         20.7         5.0         6.0         7.0         7.9           19. 1. 1. 1996         100         No         No         No         10.0         10.0         15.2         5.0         6.0		18. R. VARD	1 .	¥,										ļ	COL
29, 02, 1996         85         No         No         Low turbid.         125         7.0         10.2         5.0         -7.5         7.75           90, 04, 1996         No         No         Turbid         2.5         10.2         11.5         1.9         90.0         7.75           31, 05, 1996         No         No         No         Turbid         10.0         24.0         30.5         4.0         8.0         8.49         7.72           30, 06, 1996         100         No         No         No         No         10.0         24.0         30.0         10.0         19.0         8.48         8.0         8.48         9.0         7.35         1.71         1.72         1.00         1.00         24.0         30.0         10.0         1.00         8.48         9.0         7.35         1.20         8.48         9.0         7.35         1.21         1.20         8.48         9.0         7.35         1.21         1.20         8.48         9.0         7.36         1.21         1.20         8.48         9.0         7.36         1.21         1.20         8.0         1.21         1.20         8.0         1.20         1.20         1.20         1.20         1.20 </td <td>-015</td> <td>26, 01, 1996</td> <td></td> <td></td> <td>ę.</td> <td>ટ</td> <td>Turbid</td> <td>7.5</td> <td>5.6</td> <td>12.0</td> <td>•</td> <td>-</td> <td>7.80</td> <td>44</td> <td>583</td>	-015	26, 01, 1996			ę.	ટ	Turbid	7.5	5.6	12.0	•	-	7.80	44	583
06. 04. 1996         No         No         Turbid         2.5         10.2         11.5         1.9         90.0         7.55         8.0         7.55         9.0         7.55         9.0         7.55         9.0         7.55         9.0         7.55         9.0         7.55         9.0         7.55         9.0         7.55         9.0         7.55         9.0         7.75         9.0         7.75         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.72         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.73         7.74         7.73         7.74         7.74         7.73         7.74         7.73         7.73         7.73 </td <td>-032</td> <td>29, 02, 1996</td> <td></td> <td></td> <td>2</td> <td>£</td> <td>Low turbid.</td> <td>12.5</td> <td>2.0</td> <td>10.2</td> <td>5.0</td> <td></td> <td>7.75</td> <td>41</td> <td>450</td>	-032	29, 02, 1996			2	£	Low turbid.	12.5	2.0	10.2	5.0		7.75	41	450
31. 05. 1996         No         No         Turbid         10.0         16.8         25.0         14.6         95.0         7.72           03. 07. 1996         No         No         No         No         10.0         24.0         30.5         4.0         8.0         8.0         8.40         8.40           30. 08. 1996         100         No         No         No         No         10.0         7.4         20.7         5.0         7.0         7.81         8.48         7.81         7.81         7.81         7.81         8.48         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.85         7.81         7.81         7.85         7.81         7.85         7.85         7.85         7.85         7.85         7.80         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90         7.90 </td <td>- 071</td> <td>05.04.1996</td> <td></td> <td></td> <td>Š</td> <td>۶</td> <td>Turbid</td> <td>2.5</td> <td>10.2</td> <td>11.5</td> <td>6.1</td> <td>90.0</td> <td>7.55</td> <td>32</td> <td>929</td>	- 071	05.04.1996			Š	۶	Turbid	2.5	10.2	11.5	6.1	90.0	7.55	32	929
03. 07. 1996         No         No         No         No         10.0         24.0         30.5         4.0         8.0         8.40         8.0           30 08. 1996         No         No         No         10.0         24.0         30.0         10.0         19.0         8.48         8.48           10. 11. 1996         100         No         No         No         No         7.4         20.7         5.0         7.0         7.81         7.81           19. 12. 1996         100         No         No         Low turbid         10.0         5.0         6.0         2.7         12.0         8.05         8.05           26. 03. 1996         No         No         No         Low turbid         10.0         18.2         29.0         7.3         5.0         8.05         8.05           20. 08. 1996         No         No         No         10.0         18.5         30.5         5.0         6.0         8.90         8.0           20. 08. 1996         No         No         No         10.0         18.5         30.5         5.0         6.0         8.90         8.90           22. 10. 1996         No         No         No         10.0	140	31, 05, 1996			2	운	Turbid	10.0	16.8	25.0	14.6	95.0	7.72	42	646
30 08 1996         No         No         No         No         10.0         7.4         20.7         5.0         7.0         7.81         8.48           19.12.1996         100         No         No         No         No         10.0         7.4         20.7         5.0         7.0         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.82         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81         7.81	195	03. 07. 1996			£	   <del>2</del>	£	5.0	24.0	30.5	4.0	8.0	8.40	08	क्षार
01. 11.1996         100         No         No         No         Low turbid.         -         8.2         15.2         5.0         7.0         7.81           23. LIPKOVSKO LAKE - Dam           23. LIPKOVSKO LAKE - Dam           No         No         Low turbid.         10.0         5.0         6.0         2.7         7.95         7.90           20. 03. 1996         No         No         No         10.0         18.2         29.0         7.3         5.0         7.90           20. 08. 1996         No         No         No         No         10.0         18.5         30.5         5.0         6.0         8.80           27. 10. 1996         No         No         No         10.0         18.5         30.5         5.0         6.0         8.80           27. 10. 1996         No         No         No         10.0         13.2         11.6         3.0         31.0         7.94	-248	30 08. 1996			£	2	S.	10.0	24.0	30.0	10.0	19.0	8.48	68 8	S8
19.12.1996         No         Low turbid.         -         8.2         15.2         5.0         6.0         7.95           23. LIPKOVSKO LAKE - Dam         No         No         Low turbid.         10.0         5.0         6.0         2.7         12.0         8.05         7.3         5.0         7.90           21. 05. 1996         No         No         No         No         10.0         18.5         29.0         7.3         5.0         7.90         7.90           20. 08. 1996         No         No         No         10.0         18.5         30.5         5.0         6.0         8.80           22. 10. 1996         No         No         No         10.0         13.2         11.6         3.0         31.0         7.94	341	01.11.1996			S.	S	Š	10.0	7.4	20.7	5.0	2.0	7.81	97	80g
23. LIPKOVSKO LAKE - Dam           26. 03. 1996         No         Low turbid         10.0         5.0         6.0         2.7         12.0         8.05         7.3         7.90         7.90           21. 05. 1996         No         No         No         10.0         18.5         29.0         7.3         5.0         7.90         7.90           20. 08. 1996         No         No         No         10.0         18.5         30.5         5.0         6.0         8.80           27. 10. 1996         No         No         No         10.0         13.2         11.6         3.0         31.0         7.34	360	19, 12, 1996			2	2	Low turbid.	•	8.2	15.2	5.0	6.0	7.95	135	454
26. 03. 1996         No         Low turbid.         10.0         5.0         6.0         2.7         12.0         8.05           21. 05. 1996         No         No         No         10.0         18.2         29.0         7.3         5.0         7.90           20. 08. 1996         No         No         No         10.0         18.5         30.5         5.0         6.0         8.80           27. 10. 1996         No         No         No         10.0         13.2         11.6         3.0         31.0         7.94		23. LIPKOVSI	KO LAKE - Da	E											
21.05.1996         No         No         No         10.0         18.2         29.0         7.3         5.0         7.90         7.90           20.08.1996         No         No         No         10.0         18.5         30.5         5.0         6.0         8.80           27.10.1996         No         No         No         10.0         13.2         11.6         3.0         31.0         7.34	-035	Г			₽ N	ટ્ટ	Low turbid.	10.0	5.0	6.0	2.7	12.0	8.05	61.0	350
20.08.1996         No         No         10.0         18.5         30.5         5.0         6.0         8.80           22.10.1996         No         No         No         10.0         13.2         11.6         3.0         31.0         7.94	9	┿			2	S	2	10.0	18.2	29.0	7.3	5.0	7.90	52.0	<u>¥</u>
22 10 1996 No No 10.0 13.2 11.6 3.0 31.0 7.94	203	+			2	No	욷	10.0	18.5	30.5	5.0	0.9	8.80	100.0	425
		22 10 1996			oN.	S	2	10.0	13.2	11.6	3:0	31.0	7.94	95.0	206

	Labor.	Date	Hydrology	Hydrology parameters					Physical ar	Physical and organoleptic properties	ptic properti	85			
ò	apos		W. level	W. flow	Floating	Odor	Visible	Det. Color	Temperature in "C	ure in °C	ರ	Clarity	Fd.	Redox pot.	Conductivity
		- Bui	ES I	Q m³/s	solid waste		color	mg/i Pt	water	air	mg/I SiO <sub>2</sub>	NTU (turbid)		Ě	ms/sm
-	2	3	4	5	9	7	80	6	9	11	12	13	44	15	16
		23 a. R. LIPKOVSKA - v.	VSKA - v. BE	BEDINJE											
160	96-036	26. 03. 1996			Domestic wast	2	Low turbid.	10.0	8.0	8.0	3.6	41.0	8.10	62.0	200
19	96 - 105	21, 05, 1996			S <sub>N</sub>	2	Low turbid.	7.5	17.2	29.0	17.0	9.0	7.60	35.0	771
162	96 - 204	20. 08. 1996			o <sub>N</sub>	S	S	10.0	19.5	30.5	20.0	28.0	8.10	64.0	476
33	96 - 275	22, 10, 1996			S.	S	Low furbid.	10.0	13.5	14.8	8.0	13.0	7.75	94.0	578
		24. R. KUMANOVSKA		v. DOBROSANE											
164	96 - 037	26. 03. 1996			Domestic wast	Rot	Turbid	15	6	11	5.3	46	8.05	61	775
165	96 - 106	21. 05. 1996			Oil and Dom.	Rot	Turbid	15	17.6	28.2	19.2	42	7.5	30	1211
166	96-205	20 08 1996			Oil and Dom.	Rot	Turbid	20	16.2	23	20	39	8.3	74	606
191	96 - 276	22. 10. 1996			Lubricants	Rot	Turbid	13	13.1	13.8	10	7.7	7.75	94	846
		29. R. BREGA	29. R. BREGALNICA - V. BUDINARCI	JDINARCI											
185	96 - 039	27. 03. 1996			S.	S	Low turbid.	10.0	3.0	2.0	3.1	15.0	7.84	46.0	290
186	96 - 108	23. 05. 1996			SN.	2	ટ	15.0	12.4	22.0	21.4	7.0	7.20	15.0	269
187	96-208	21.08.1996			S.	2	Low turbid.	12.5	15.8	22.5	12.5	29.0	8.05	64.0	341
189	96 - 280	23. 10. 1996			S.	2	ž	15.0	7.1	9.6	0.6	22.0	7.36	70.0	227
		30. R. BREGALNICA	>	OCI PALE			- Company of the Comp								
196	96-040	27. 03. 1996			Domestic wast	Rot	Turbid	7.5	5.0	4.0	3.0	34.0	7.80	46.0	382
191	96 - 109	23.05, 1996			S.	S	Low furbid.	12.5	13.8	20.0	15.0	3.0	7.20	15.0	502
192	96-209	21.08.1996			2	S	S	10.0	18.0	26.0	10.0	5.0	8.70	95.0	989
193	96-281	23. 10. 1996			2	No	S <sub>Z</sub>	15.0	6.6	9.1	7.5	19.0	75.7	83.0	204
		31.a Acumula	31.a Acumulation 'KALIMANCI	NCI - Dam											
194	96-042	27. 03. 1996			ž	2	οχ	12.5	5.0	5.0	1.9	16.0	7.65	37.0	400
195	96-111	23. 05. 1996			S	δ	Š	10.0	20.0	22.0	1.5	2.0	9.00	115.0	357
85	96-211	21.08.1996			2	£	S.	10.0	23.4	25.0	2.0	6.0	8.70	95.0	200
197	96 - 283	23, 10, 1996			8	No	S.	12.5	15.0	8.3	7.5	6.0	7.32	67.0	392
		31. R. BREGA	ALNICA - Dow	inflow from acu	31, R. BREGALNICA - Downflow from acum. " KALIMANCI "	CI."									
82	96 - 041	27. 03. 1996			92	S <sub>S</sub>	2	10.0	4.0	5.0	1.8	15.0	7.70	40.0	315
199	96 - 110	23.05.1996			οŅ	No	oN N	17.5	6.8	23.2	17.2	11.0	7.30	20.0	426
82	96 - 210	21. 08. 1996			No.	S	οŅ	10.0	14.4	23.0	12.5	4.0	8.20	68.0	**
201	96 - 282	23. 10. 1996			S	No	S.	5.0	9.0	7.8	12.5	4.0	7.57	83.0	364

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	1.5	2000	Undrologic	Undralogy paramaters					Physical a	nd organole	Physical and organoleptic properties	es			
4	Labor.		W level	W. flow	Floating	Odor	Visible	Det. Color	Temperal	emperature in "C	Ö	Clarity	둅	Redox pot.	Conductivity
9	2003	Complian		s/cm o	solid waste		color	ma/l Pt	water	ajr	mg/1 SiO <sub>2</sub>	NTU (turbid)		mv	ms/sm
,		Guidalle		4	9	7	8	6	10	#	12	13	14	15	16
	7	?	<u> </u>	,	,							***************************************			
		32. R. BREG	32. R. BREGALNICA - V. KRUPISTE	RUPISTE											-
8	A 40 30	20 02 1008			ν. V.	ςŅ	Low furbid.	12.5	6.0	3.0	2.4	33.0	7.55	32.0	430
787	30 - 044	20, 03, 1990				SIN	pidant and	12.5	18.5	30.6	17.2	10.0	7.50	30.0	726
e e	96-113	22.05.1390			OA:	2	LOIR MIDIA:				١		00.0	0 03	10.5
204	96-213	21 08 1996			o <sub>N</sub>	2	2	10.0	18.3	27.5	20.0	3.0	0.20	0.00	5
200	200	22 40 4006			2	No	2	12.5	10.9	10.6	8.0	0.6	7.50	78.0	505
C/\7	+07 - nc	20. 10. 1350													
		33. R. BREG.	33, R. BREGALNICA - v. SUFILARI (under SHTIP)	iUFILARI ( unde	ar SHTIP )									(;;	
308	96-045	28 ft3 1996			2	No	Turbid	12.5	0.7	8.0	2.5	97.0	7.75	44.0	460
3 5	20.00	20 05 4006			Domestic wast	200	Turbid	20.0	19.2	31.0	17.6	15.0	7.30	22.0	762
707	90 - 1 14	22. 03. 1330			TO TO THE TOTAL OF			00,	0.24	000	300	10.0	8.20	089	728
208	96 - 214	22.08.1996			Dom. and indus	KOI	LOW TUI DIG.	0.00	0.11	7.7.0	232			3	27.4
209	96 - 285	24, 10, 1996			N <sub>O</sub>	No	Low turbid.	12.5	11.5	13.1	10.0	12.0	7.53	0.08	1/4
		34 R BREG	34 R BREGALNICA - V. UBOGO	BOGO											
					-			45.0	1 66	28.0	15.0	15.0	8.60	0.06	815
210	96 - 243	29.08.1996			ON NO	02	2€	9,51	£:77	2.53	202				

### Table II /1

## RESULTS OF SURFACE WATER QUALITY ANALYSIS IN REPUBLIC OF MACEDONIA FOR YEAR 1996

	r					Γ.		Γ-	<u> </u>		$\Gamma$						Γ	<u> </u>				r					· · ·						
	Perm.index mg/l	KMnO <sub>4</sub> (COD)	34		1.62	3.16	3.48	5.17	5.61		5.81	13.90	9.80	8.77	5.61		6.76	8.02	9.17	9.80	7.90	10.08	5.61	13.20		8.06	9.28	13.59	15.80	11.69	3.77	6.60	13.51
perties	Perm	ဝ်	33		0.41	08'0	0.88	1.31	1.42		1.47	3.52	2.48	2.22	1.42		1.71	2.03	2:32	2.48	2.00	2.55	1.42	3.34		2.04	2.35	3.44	4.00	2.96	2.22	1.67	3.42
Oxygen properties	BODs	mg/i O <sub>2</sub>	32		0.86	2.00	1.41	0.35	1.14		4.65	95.9	3.41	1.68	2.79		3.89	2.70	2.53	2.09	2.97	1.37	1.77	3.78		3.53	3.70	2.93	1.30	3.96	4.65	4.23	1.71
	Saturation	% O <sub>2</sub>	3		105.6	102.4	105.5	133.0	110.3		105.50	104.10	108.10	120.90	112.50		92.2	103.4	94	104.8	115.5	117.2	106.1	97.8		89.9	104	93.4	107.6	117	120.8	107.5	88.9
	Oxygen	mg/I O <sub>2</sub>	ຂ		11.82	11.46	12.25	12.37	12.29		13.05	12.95	11.80	12.07	12.37		11.35	12.90	10.70	10.93	10.60	11.57	11.65	12.10		11.25	13.60	10.63	10.85	11.42	11.79	12.00	11.00
Alkalinity	mg-equiv./l		ଷ		2.35	2.45	2.45	2.55	2.00		1.25	1.95	2.00	2.00	1.16		3.10	2.90	3.60	3.15	1.75	2.32	2.70	2.80		2.60	2.50	3.60	2.80	1.95	3.35	2.00	2.25
Alka	a-6 m	<u>.</u> d.	28		0.05	0.10	0.15	0.10	0.05		0.05	00:0	0.10	0.50	0.05		0.05	0.05	0.00	0.10	0.10	0.50	0.05	0.10		0.05	0.05	0.00	0.10	0.10	0.10	0.05	0.00
	l/gm se	Organ.	27		5	4	10	,-	9		15	30	20	-16	20	-	10	20	40	10	30	27	35	35		85	100	25	10.	10	32	5	15
	Suspended particles mg/l	Mineral.	92		7.5	₹	ις.	9	25		20	34	20	Į,	20		.65	10	21	9	20	17	30	52		. 15	30	58	20	15.	30	40	15
	Suspe	Total	25		08	80	15	7	35		35	64	40	17	40		75	30	19	70	90	44	65	09		100	130	83	30	25	29	45	8
5	es mg/l	Organ.	24		110	20	110	45	\$2		100	9.2	45	. 28	52		160	20	99	02	95	14	55	90		96	20	123	50	06	22	20	75
Mineralisation	Dissolved particles mg/l	Mineral.	23		135	æ	40	155	120		170	20	105	121	120		205	260	157	150	190	201	210	125		205	210	93	170	190	178	160	65
	Disse	Total	22		245	149	150	500	165		270	126	150	149	145		365	280	223	220	240	215	265	175		295	280	216	220	230	200	230	140
	mg/l	Organ.	21	take point )	115	70	120	46	55		115	106	65	44	45		170	40	106	80	80	41	90	85		175	170	148	90	50	54	75	06
į	Solid particles mg/l	Mineral.	82	- village VRUTOK (intake point	210	87	45	161	145	_	190	84	125	122	140	5	270	270	178	210	210	218	240	150	CE	220	240	151	190	205	208	200	80
	S	Total	19	· village VF	325	157	165	207	500 200	BALIN DO	305	190	190	166	185	SARAKINC	440	310	284	290	290	259	330	235	. JEGUNOVCE	395	410	299	250	255	262	275	170
<sup>2</sup> 00	Agresiv.	lgm	200		0.00	0.00	0.00	0.00	9.0	02. R. VARDAR - v. BALIN DOI	0.00		0.00	00'0	0.00	03. R. VARDAR - v.	0.00	0.00		0.00	0.00		0.00	0.00	04. R. VARDAR - v.	0.00	0.00	•	0.00	0.00	0.00	0.00	
	Residual	l'gm	-	01. River VARDAR	0.00	00.00	00:0	ŀ	0.00	02. R. VA	0.00	3 1.32	0.00	00:0	00:0	03. R. VA	00:0	0.00	0.88	0:00	0.00	-	0.00	0.00	04. R. V	00:00	0.00	9 1.32	0.00	0.00	0.00	0.00	
Date	ō	sampling	8		22.01.1996	01.04.1996	27.05.1996	26.08.1996	28,10,1996		22.01.1996	01.04.1996	27.05.1996	26.08.1996	28.10.1996		23.01.199	27.02.199	01.04.199	27.05.199	01. 07. 199	26. 08. 199	28, 10, 199	17, 12, 199		23.01.199	27. 02. 199	01.04.199	27.05.199	01. 07. 199	26. 08. 199	28. 10. 199	17. 12. 199
	Š		-		24	52	8	27	82		29	30	31	32	33		34	38	36	37	38	39	40	41		42	43	4	45	46	47	48	49

All color of the colo	Date CO <sub>2</sub> Miner	002			Miner	Miner	Miner	Miner	ner	Mineralisation					Alkalinity	inity		1 T }	Oxygen properties	perties	
Total Mineral, Organ, Yr         Tm*         mg/l O,         % O,         3.0         M,         % O,         mg/l O,         % O,         3.0         3.0         4.0         18.0         18.0         18.0         2.0         3.0         4.0         18.0         18.0         1.0         2.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0         2.0	of Residual Agresiv. Solid particles mg/l Dissolved particles mg/l	Residual Agresiv. Solid particles mg/l Diss	Agresiv. Solid particles mg/l Diss	Agresiv. Solid particles mg/l Diss	Solid particles mg/l Diss	Diss	Diss	Dissolved particles r	ed particles r	-	ng/i	Suspen	ded particle:	s mg/l	be-Bu	l/vin	Oxygen	Saturation	900 200	틸	Index mg/l
26         26         27         28         29         30         31         32         33           90         65         25         0.06         3.06         1.350         1077         0.87         2.46           449         115         32         0.06         3.05         1.450         1164         3.10         2.49           35         20         0.10         2.46         1.06         92.9         2.77         2.46           36         20         0.10         2.46         1.06         92.9         2.77         2.46           20         16         0.70         3.00         1.05         1.06         1.02         2.77         2.46           20         16         0.70         3.00         1.05         1.05         1.06         2.77         2.46           20         10         0.20         3.00         1.05         1.05         1.07         3.21         2.40           40         20         0.10         0.20         3.20         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05 <th>mg/l Total Mineral. Organ. Total Mineral.</th> <th>Total Mineral. Organ. Total Mineral.</th> <th>Organ. Total Mineral.</th> <th>Total Mineral.</th> <th>Mineral.</th> <th><u>-</u></th> <th>1</th> <th>Organ.</th> <th>Total</th> <th>Mineral.</th> <th>Organ.</th> <th>ja.</th> <th>"w"</th> <th>mg/I O<sub>2</sub></th> <th>% O<sub>2</sub></th> <th>mg/I O<sub>2</sub></th> <th></th> <th>KMnO, (COD)</th>	mg/l Total Mineral. Organ. Total Mineral.	mg/l Total Mineral. Organ. Total Mineral.	mg/l Total Mineral. Organ. Total Mineral.	mg/l Total Mineral. Organ. Total Mineral.	Total Mineral. Organ. Total Mineral.	Organ. Total Mineral.	Total Mineral.	Mineral.	<u>-</u>	1	Organ.	Total	Mineral.	Organ.	ja.	"w"	mg/I O <sub>2</sub>	% O <sub>2</sub>	mg/I O <sub>2</sub>		KMnO, (COD)
90         65         25         0.05         2.40         13.50         1077         0.87         2.45           143         115         20         0.06         3.06         14.50         108         2.77         2.48           49         16         27         0.10         2.45         10.66         82.9         2.77         2.48           35         20         15         0.15         3.20         10.50         108         0.46         3.20           20         20         0         0.20         3.20         10.50         10.72         2.48           20         20         0         0.20         3.20         10.50         10.72         2.40           40         20         0         0.20         3.10         11.81         1.83         1.85           40         20         0.10         2.18         11.73         1.73         2.22         2.40           40         10         0.10         2.18         11.73         1.15         1.73         2.16           80         70         10         0.10         2.90         11.73         1.73         2.72         2.48           80	17	17 18 19 20 21 22	17 18 19 20 21 22	19 20 21 22	20 21 22	21 22	22		23	1	24	25	92	27	28	53	30	31	32	ន	34
90         66         25         0.06         2.40         13.50         1077         0.87         2.45           445         115         30         0.06         3.06         14.50         1184         3.70         2.59           49         165         30         0.06         3.06         14.50         1184         3.70         2.59           49         165         20         0.06         3.00         10.50         10.30         2.77         2.48           20         20         0.20         3.20         10.50         13.77         3.21         2.69           34         23         11         0.20         3.00         13.41         183.1         0.12         2.60           40         20         0.01         2.09         11.82         10.72         2.22         1.65           40         20         0.01         2.18         11.82         10.37         2.18         1.50           40         30         0.10         0.10         11.23         11.23         1.18         1.50           40         30         10         0.10         1.20         3.90         11.23         1.19         2.22	05. R. VARDAR - SKOPJE - SARAJ	١.	١.	١.	(OPJE - SARAJ	RAJ															
145         116         30         0.06         3.06         14.50         118.4         3.10         2.59           49         16         27         0.010         2.46         10.66         92.9         2.77         2.48           35         20         15         0.15         3.30         10.50         10.48         3.20           20         20         16         0.20         3.20         12.00         10.32         2.64           34         20         17         0.22         3.20         12.00         13.2         2.64           40         20         20         0.10         2.18         11.82         13.2         12.6           40         20         20         0.10         2.18         11.83         13.2         1.86           115         110         5         0.10         2.28         13.70         115.3         1.18           10         50         10         0.10         2.28         13.70         1.18         1.18           115         110         5         0.10         2.29         11.23         1.13         1.18           116         5         0.20         0.00 <td>Ιœ</td> <td>0.00 0.90 390 245 145 300</td> <td>0.00 0.90 390 245 145 300</td> <td>10 390 245 145 300</td> <td>245 145 300</td> <td>245 145 300</td> <td>300</td> <td>L</td> <td>180</td> <td></td> <td>120</td> <td>96</td> <td>65</td> <td>25</td> <td>0.05</td> <td>2.40</td> <td>13.50</td> <td>107.7</td> <td>0.87</td> <td>2.45</td> <td>9.68</td>	Ιœ	0.00 0.90 390 245 145 300	0.00 0.90 390 245 145 300	10 390 245 145 300	245 145 300	245 145 300	300	L	180		120	96	65	25	0.05	2.40	13.50	107.7	0.87	2.45	9.68
49         16         27         0.10         246         10.66         92.9         2.77         248           35         20         15         0.16         3.90         10.50         10.98         0.46         3.20           20         20         0         0.20         3.20         12.00         13.01         12.00         10.20         2.21         2.64           40         20         0.10         2.18         11.84         18.31         0.12         2.40           40         20         0.10         2.18         11.82         1.82         1.85         1.85           40         20         0.10         2.20         11.82         1.82         1.85         2.40           115         110         5         0.10         2.25         11.73         87.3         1.15         2.40           40         20         0.00         3.20         11.23         101.5         2.22         2.48           40         30         10         0.10         2.30         11.23         101.5         2.22         2.48           50         40         10         0.10         2.30         11.27         11.24	0.00 0.00 345 215 130	0.00 0.00 345 215 130 200	0.00 0.00 345 215 130 200	345 215 130 200	215 130 200	130 200	200		100		100	145	115	30	0.05	3.05	14.50	118.4	3.10	2.59	10.23
35         20         15         0.16         330         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50         10.50	0.00 0.00 210 116	0.00 0.00 210 116 94 167	0.00 0.00 210 116 94 167	210 116 94 167	116 94 167	94 167	167	_	55	<del> </del>	- 29	49	16	27	0.10	2.45	10.66	92.9	2.77	2.48	9.80
110         20         20         0         0         320         120         120         120         1264         284         284         284         284         284         284         284         11         0         0         1341         1531         0         126         240         0         1341         1531         0         126         240         0         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         <	0.00 0.00 285 200	0.00 0.00 285 200 85 250	0.00 0.00 285 200 85 250	285 200 85 250	200 85 250	85 250	250	<u>L</u>	82	<del>                                     </del>	£	35	20	15	0.15	3.30	10.50	109.8	0.48	3.20	12.64
86         34         23         11         0,20         3.10         13.41         165.1         0.12         2.40           40         40         20         20         0.10         2.18         11.82         108.7         2.32         1.85           70         115         110         5         0.15         2.25         11.70         115.9         3.93         5.16           20         70         20         0.05         3.45         11.73         10.15         2.22         2.48           47         65         11         54         0.10         3.90         11.23         10.15         2.22         2.48           80         40         10         0.16         2.90         11.72         10.23         2.26         1.65           80         40         10         0.16         2.90         11.73         1.73         1.73         2.96           180         15         10         0.10         2.90         11.73         1.73         2.91         1.57           190         15         10         0.10         2.90         11.73         1.73         2.91         1.83           190         15 <td>0.00 0.00 230 120 110</td> <td>0.00 0.00 230 120 110 210</td> <td>0.00 0.00 230 120 110 210</td> <td>230 120 110 210</td> <td>120 110 210</td> <td>110 210</td> <td>210</td> <td></td> <td></td> <td></td> <td>110</td> <td>20</td> <td>8</td> <td>0</td> <td>0.20</td> <td>3.20</td> <td>12.00</td> <td>130.7</td> <td>3.21</td> <td>2.64</td> <td>10.43</td>	0.00 0.00 230 120 110	0.00 0.00 230 120 110 210	0.00 0.00 230 120 110 210	230 120 110 210	120 110 210	110 210	210				110	20	8	0	0.20	3.20	12.00	130.7	3.21	2.64	10.43
40         40         20         20         0.10         218         1182         1087         232         156           70         115         116         5         0.15         2.25         13.70         115.9         3.93         5.16           20         70         116         5         0.16         2.25         14.70         15.3         2.83         5.16           47         65         11         54         0.10         3.90         11.73         10.15         2.22         2.48           80         40         30         10         0.15         2.90         11.78         12.32         0.83         2.96           80         40         10         0.16         2.90         11.78         12.32         0.83         2.96           80         40         10         0.16         2.90         11.78         1.73         1.79         1.89           190         15         10         0.10         2.90         12.26         1.57         1.63         2.96         1.57           190         15         0         0.10         2.90         11.23         1.13         1.89         1.57	0.00 0.00 287	0.00 0.00 287 188 99 253	0.00 0.00 287 188 99 253	287 188 99 253	188 99 253	99 253	253		9	5	88	34	23	11	0.20	3.10	13.41	153.1	0.12	2.40	9.48
70         115         110         5         0.15         2.25         1370         115         3.93         5.16           20         70         50         20         0.06         3.45         11.73         101.5         2.29         2.48           47         65         11         54         0.10         3.90         11.78         123.2         2.48           80         40         30         10         0.15         2.90         11.78         123.2         2.86           80         40         30         10         0.16         2.90         11.78         123.2         2.86           37         56         14         20         0.05         3.20         12.72         143.9         0.17         2.06           36         25         15         10         0.10         2.90         12.72         143.9         0.17         2.06           36         15         10         0.10         2.90         12.72         143.9         0.17         2.06           150         16         0.10         0.10         2.90         12.81         11.63         2.13         1.89           150         10	0.00 0.00	0.00 0.00 220 160 60 180	0.00 0.00 220 160 60 180	220 160 60 180	160 60 180	60 180	180		1	0	40	40	70	50	0.10	2.18	11.82	108.7	2.32	1.85	6.52
20         70         50         20         0.05         3.45         11.73         97.8         1.30         2.19           47         65         11         54         0.10         3.90         11.23         101.5         2.22         2.48           45         80         70         10         0.15         2.80         11.73         11.73         2.26         2.48           80         40         30         10         0.30         2.80         10.20         11.73         2.56         2.86           37         56         34         22         0.05         12.81         11.32         1.73         2.56           150         16         10         0.10         2.80         12.81         11.32         2.73         1.89           30         15         16         0.10         2.80         12.81         11.33         1.89         1.77         2.00           70         100         20         0.05         4.00         11.20         93.3         5.20         2.50           15         0.1         0.10         3.50         11.20         11.32         1.77         2.10           160         107<		0.00 0.00 310 235 75 195	0.00 0.00 310 235 75 195	310 235 75 195	235 75 195	75 195	195		125		70	115	110	5.	0.15	2.25	13.70	115.9	3.93	5.16	20.39
20         70         50         20         0.05         345         11.73         97.8         1.30         219           47         65         11         54         0.10         3.90         11.23         101.5         2.22         2.48           46         80         70         10         0.15         2.90         11.23         101.5         2.22         2.48           80         40         10         0.16         0.20         11.78         12.32         0.83         2.96           37         56         34         22         6.06         12.20         143.9         0.17         2.50           39         25         34         22         0.00         12.70         143.9         0.17         2.00           190         15         10         0.20         3.20         12.81         140.3         2.17         2.00           100         20         80         0.05         4.00         11.20         93.3         5.20         2.22           115         55         40         15.81         11.11         100.5         6.27         2.88           100 100         50         0.50	06, R. VARDAR - SKOPJE - VLAE						-					i .									
47         65         11         54         0.10         3.90         11.23         101.5         2.22         2.46           46         80         70         10         0.15         2.90         11.78         1232         0.83         2.95           80         40         30         10         0.45         2.80         11.72         11.32         1.73         2.95         2.95           37         56         34         22         0.05         3.20         12.72         14.39         0.17         2.00         2.56           35         25         15         10         0.10         2.90         12.26         11.35         2.20         1.57         2.00         1.57         1.89         0.17         2.00           190         15         0.10         3.50         12.26         11.35         2.20         1.57         2.64         2.20         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.50         1.	27. 02. 199 0.00 0.00 290 250 40 220 200	0.00 0.00 290 250 40 220	0.00 0.00 290 250 40 220	250 40 220	250 40 220	250 40 220	220		50		50	70	20	20	0.05	3.45	11.73	97.8	1.30	2.19	8.65
46         80         70         10         0.15         2.90         11.78         123.2         0.83         2.96           80         40         30         10         0.30         2.80         10.20         113.2         1.73         2.86           37         56         34         22         0.05         3.20         12.75         143.9         0.17         2.00           35         25         15         10         0.10         2.90         12.26         1.73         2.00         1.57           190         15         10         0.10         2.90         12.26         1.15         2.00         1.57           90         90         65         25         0.10         3.50         11.28         11.03         2.12         2.86           10         10         0.10         3.50         11.28         11.00         2.20         2.50         11.11         100.5         6.27         2.88           11         10         1.0         0.10         3.50         11.28         11.40         4.71         14.1           11         10         1.0         0.0         0.0         0.0         0.0         11.3	0.00 0.00 270 169 101	0.00 0.00 270 169 101 205	0.00 0.00 270 169 101 205	270 169 101 205	169 101 205	101 205	205	_	15		47	65	11	54	0.10	3.90	11.23	101.5	2.22	2.48	9.80
80         40         80         10         0.30         2.80         10.20         11.2         1.73         2.56           35         34         22         0.05         3.20         12.72         143.9         0.17         2.00           150         15         10         0.10         2.90         12.26         113.5         2.20         1.57           190         15         10         0.10         2.90         12.81         110.3         2.13         1.89           90         15         10         0.10         2.90         12.81         110.3         2.13         1.89           70         100         65         2.5         0.10         3.40         1.281         103.5         2.13         1.89           115         55         40         1.5         0.10         4.20         11.11         100.5         6.27         2.88           60         102         20         0.25         3.00         11.32         1.22         2.50           115         55         40         15         0.05         3.00         11.33         1.20         6.27         2.88           10         10         60<	00:0 00:0	0.00 0.00 280 225 55 200	0.00 0.00 280 225 55 200	280 225 55 200	225 55 200	55 200	200		15	5	45	80	0/	10	0.15	2.90	11.78	123.2	0.83	2.96	11.69
35         34         22         0.06         3.20         12.72         143.9         0.17         2.00           35         25         15         10         0.10         2.90         12.26         113.5         2.20         1.57           190         15         10         0.10         2.90         12.81         110.3         2.13         1.89           90         15         10         0.10         3.55         12.81         110.3         2.13         1.89           70         100         20         80         0.05         4.00         11.20         93.3         5.20         2.59           115         55         40         15         0.05         3.90         11.31         10.05         6.27         2.88           60         102         20         0.25         3.00         11.32         1.77         2.10           80         107         4.20         11.11         100.5         2.20         2.59         1.40         4.71         1.41           103         107         4.20         11.33         12.28         1.77         2.10         2.80           105         107         4.20	01. 07. 199 0.00 0.00 210 120 90 170 90	0,00 0.00 210 120 90 170	0,00 0.00 210 120 90 170	210 120 90 170	120 90 170	90 170	170		8		80	40	30	10.	0.30	2.80	10.20	113.2	1.73	2.56	10.11
35         25         15         10         0.10         2.90         12.56         113.5         2.20         1.57           190         15         10         5         0.20         3.40         12.81         110.3         2.13         1.89           20         15         10         5         0.10         3.55         12.80         103.5         0.99         2.12           70         100         20         80         0.05         4.00         11.20         93.3         5.20         2.59           158         57         41         16         0.10         4.20         11.11         100.5         6.27         2.88           115         55         40         15         0.05         3.90         11.30         113.2         1.22         2.64           10         10         15         0.05         3.90         11.30         113.2         1.77         2.10           10         10         15         0.10         4.25         11.40         4.71         1.41           10         10         10         0.10         3.90         11.28         11.01         1.62         1.63           10	27.08.199 0.00 0.00 274 215 59 218 181	0.00 0.00 274 215 59 218	0.00 0.00 274 215 59 218	274 215 59 218	215 59 218	59 218	218		18	*	37	56	34	22	90.0	3,20	12.72	143.9	0.17	2.00	7.90
190         15         10         5         0.20         3.40         12.81         110.3         2.13         1.89           90         90         66         25         0.10         3.55         12.80         103.5         0.99         2.12           70         100         20         80         0.05         4.00         11.10         100.5         6.29         2.12           158         57         41         16         0.10         4.20         11.11         100.5         6.29         2.12           115         55         40         15         0.05         3.90         11.30         132         2.04         2.86           60         102         82         20         0.15         2.75         11.26         11.22         2.86         2.64           79         107         96         11         0.15         2.75         12.48         136.9         1.77         2.10           30         35         20         15         0.10         3.40         12.86         11.41         1.41         1.41           452         170         4.28         10.81         88.0         2.29         3.43      <	0.00 0.00 230 185 45	0.00 0.00 230 185 45 205	0.00 0.00 230 185 45 205	230 185 45 205	185 45 205	45 205	205		17	0	35	25	15	10	0.10	2.90	12.26	113.5	2.20	1.57	6.20
90         90         65         25         0.10         3.55         12.80         103.5         0.99         2.12           70         100         20         80         0.05         4.00         11.20         93.3         5.20         2.59           158         57         41         16         0.10         4.20         11.11         100.5         6.27         2.86           115         55         40         15         0.05         3.90         11.30         113.2         1.22         2.64           60         102         82         20         0.25         3.00         11.30         113.2         1.22         2.64           79         107         96         11         0.15         2.75         12.48         135.9         1.77         2.10           126         70         10         60         0.10         3.40         12.86         114.0         4.71         14.1           150         46         0.10         3.40         12.86         114.0         4.71         14.1           150         46         0.10         3.96         10.81         88.0         2.29         3.43	18.12.199 0.00 0.00 275 80 195 260 70	0.00 0.00 275 80 195 260	0.00 0.00 275 80 195 260	275 80 195 260	80 195 260	195 260	790		70		190	15	10	5	0.20	3.40	12.81	110.3	2.13	1.89	7.47
90         90         65         25         0.10         3.55         12.80         103.5         0.99         2.12           70         100         20         80         0.05         4.00         11.20         93.3         5.20         2.59           145         55         40         15         0.05         3.90         11.11         100.5         6.27         2.88           60         102         82         20         0.25         3.00         11.31         120.5         6.27         2.86           79         107         96         11         0.15         2.75         12.48         135.9         1.77         2.10           30         35         20         15         0.10         3.00         12.28         14.0         4.71         14.1           125         70         10         60         0.10         3.48         135.9         1.77         2.10           126         10         10         60         0.10         3.48         1.65         1.71         1.41           126         10         10         10         0.10         3.95         10.31         10.31         3.29         4.04	07. R. VARDAR - SKOPJE - KOMPLEKS BANKI	07. R. VARDAR - SKOPJE - KOMPLEKS	07. R. VARDAR - SKOPJE - KOMPLEKS	ARDAR - SKOPJE-KOMPLEKS BANKI	KOPJE-KOMPLEKS BANKI	MPLEKS BANKI	ANKI														
70         100         20         80         0.05         4.00         11.20         93.3         5.20         2.59           158         57         41         16         0.10         4.20         11.11         100.5         6.27         2.88           115         55         40         15         0.05         3.90         11.31         1722         2.64           60         102         20         0.25         3.00         11.33         120.9         6.91         2.80           79         107         96         11         0.15         2.75         12.48         135.9         1.77         2.10           30         35         20         15         0.10         3.60         12.28         14.0         4.71         1.41           125         70         10         60         0.10         3.60         12.85         110.1         1.61         1.61           75         110         60         0.10         3.95         10.81         88.0         2.29         3.43           80         60         25         20         0.10         4.25         10.31         80.9         6.39         6.49         6.49<	24.01.199 0.00 0.00 420 305 115 330 240	0.00 0.00 420 305 115 330	0.00 0.00 420 305 115 330	420 305 115 330	305   115   330	115 330	330		240	-	8	90	89	55	0.10	3.55	12.80	103.5	0.99	2.12	8.38
158         57         41         16         0.10         4.20         11.11         100.5         6.27         2.88           115         55         40         15         0.05         3.90         11.30         1322         1.22         2.64           60         102         82         20         0.25         3.00         11.33         120.9         6.91         2.80           30         35         20         15         0.10         3.00         12.48         135.9         1.77         2.10           125         70         10         60         15         0.10         3.00         12.28         114.0         4.71         1.41           125         70         10         60         0.10         3.40         12.85         110.1         1.61         1.61           126         10         60         0.10         3.40         12.85         110.1         1.62         1.63           150         45         25         20         0.05         4.00         10.80         8.0         6.30         3.64           160         50         20         0.10         4.25         10.31         5.53         4.04<	27. 02. 199 0.00 0.00 390 240 150 290 220	0.00 0.00 390 240 150 290	0.00 0.00 390 240 150 290	390 240 150 290	240 150 290	150 290	290		220	_	70	100	20	80	0.05	4.00	11.20	93.3	5.20	2.59	10.23
115         55         40         15         0.05         3.90         11.30         17.2         2.64           60         102         82         20         0.25         3.00         11.33         120.9         6.91         2.80           30         36         11         0.15         2.75         12.48         135.9         1.77         2.10           30         35         20         15         0.10         3.00         12.28         114.0         4.71         1.41           125         70         10         60         0.10         3.40         12.28         110.1         1.62         1.63           75         110         60         0.10         3.40         12.85         110.1         1.63         3.43           75         110         60         0.10         3.95         10.81         88.0         2.29         3.43           80         60         20         0.06         4.00         10.37         10.28         4.04         2.92           80         60         20         20         0.10         4.25         10.31         5.36         4.04         2.92           80         60 <td>02.04.199 0.00 0.00 300 126 174 243 8</td> <td>0.00 0.00 300 126 174 243</td> <td>0.00 0.00 300 126 174 243</td> <td>300 126 174 243</td> <td>126 174 243</td> <td>174 243</td> <td>243</td> <td><math>\dashv</math></td> <td> " </td> <td>85</td> <td>158</td> <td>27</td> <td>41</td> <td>16</td> <td>0.10</td> <td>4.20</td> <td>11.11</td> <td>100.5</td> <td>6.27</td> <td>2.88</td> <td>11.38</td>	02.04.199 0.00 0.00 300 126 174 243 8	0.00 0.00 300 126 174 243	0.00 0.00 300 126 174 243	300 126 174 243	126 174 243	174 243	243	$\dashv$	"	85	158	27	41	16	0.10	4.20	11.11	100.5	6.27	2.88	11.38
60         102         82         20         0.25         3.00         11.33         12.0.9         6.91         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.80         2.8	28.05.199 0.00 0.00 310 180 130 255	0.00 0.00 310 180 130 255	0.00 0.00 310 180 130 255	310 180 130 255	180 130 255	130 255	255			140	115	55	40	15	0.05	3.90	11.30	113.2	1.22	2.64	10.43
79         107         96         11         0.15         2.75         12.48         135.9         1.77         2.10           30         35         20         15         0.10         3.00         12.28         114.0         4.71         1.41           75         70         10         60         0.10         3.40         12.85         110.1         1.62         1.63           75         110         70         40         0.10         3.95         10.81         88.0         2.29         3.43           150         45         25         20         0.05         4.00         10.80         90.9         6.30         3.65         1.63           80         70         50         20         0.10         4.25         10.31         92.5         4.04         2.92           80         60         20         0.10         4.25         10.31         92.5         4.04         2.92           80         60         20         0.10         3.30         10.37         102.8         5.53         3.44           10         10         10         5.0         20         20         20         4.91         53.8	0.00 0.00 322 180 142 220	0.00 0.00 322 180 142 220	0.00 0.00 322 180 142 220	322 180 142 220	180 142 220	142 220	220		` [	160	8	102	82	20	0.25	3.00	11.33	120.9	6.91	2.80	11.05
30         35         20         15         0.10         3.00         12.28         114.0         471         1.41         1.41           125         70         10         60         0.10         3.40         12.85         110.1         1.62         1.63           75         110         70         40         0.10         3.95         10.81         88.0         2.29         3.43           150         45         25         20         0.05         4.00         10.80         90.9         6.30         3.65           80         70         50         20         0.10         3.30         10.37         10.28         4.04         2.92           80         60         25         3.5         0.10         3.30         10.37         10.28         4.63         4.20           80         60         20         20         0.10         3.30         10.37         10.28         6.48         2.30           10         10         10         10.50         5.20         7.97         85.3         6.48         2.38           11         12         10         10.74         98.1         4.64         2.81	27. 08. 199 0.00 0.00 327 237 90 220 1	0.00 0.00 327 237 90 220	0.00 0.00 327 237 90 220	327 237 90 220	237 90 220	90 220	220	_	-	141	79	107	96	=	0.15	2.75	12.48	135.9	1.77	2.10	8.30
125         70         10         60         0.10         3.40         12.85         110.1         1.62         1.63         1.63           150         45         40         0.10         3.95         10.81         88.0         2.29         3.43         1.63           150         45         25         20         0.05         4.00         10.80         90.9         6.30         3.65           80         70         50         20         0.10         4.25         10.31         92.5         4.04         2.92           80         60         25         35         0.10         3.30         10.37         10.28         4.63         4.20           80         70         50         20         0.25         7.97         85.9         5.53         3.44           10         12         44         19         0.50         5.20         4.91         53.8         6.48         2.81           110         125         10         10.74         98.1         4.63         2.81           144         19         0.10         4.10         10.74         98.1         4.64         2.81           148         12	29, 10, 199 0.00 0.00 245 200 45 210	0.00 0.00 245 200 45 210	0.00 0.00 245 200 45 210	245 200 45 210	200 45 210	45 210	210		`	180	30	35	20	15	0.10	3.00	12.28	114.0	4.71	1.41	5.57
75         110         70         40         0.10         3.95         10.81         88.0         2.29         3.43           30         45         25         20         0.05         4.00         10.80         90.9         6.30         3.65           80         70         50         20         0.10         4.25         10.31         92.5         4.04         2.92           80         70         50         20         0.10         3.30         10.37         102.8         4.63         4.20           80         70         50         20         0.26         2.05         7.97         85.9         5.53         3.44           110         125         10         11         10.74         98.1         4.63         2.81           145         120         90         30         0.10         4.10         10.74         98.1         4.64         2.81	18. 12. 199   0.00   0.00   275   90   185   205   80	0.00 0.00 275 90 185 205	0.00 0.00 275 90 185 205	275 90 185 205	90 185 205	185 205	205		8	0	125	20	10	89	0.10	3.40	12.85	110.1	1.62	1.63	6.44
75         110         70         40         0.10         3.95         10.81         88.0         2.29         3.43           150         45         25         20         0.05         4.00         10.80         90.9         6.30         3.65           30         70         50         20         0.10         4.25         10.31         92.5         4.04         2.92           80         60         25         35         0.10         3.30         10.37         10.28         4.50         2.92           80         70         50         20         0.26         2.05         7.97         85.9         5.53         3.44           110         125         10         1.50         4.91         53.8         6.48         2.38           110         125         10         4.10         10.74         98.1         4.64         2.81           145         120         90         30         0.10         3.50         12.70         109.4         3.30         1.97	08. R. VARDAR - SKOPJE - JURUMLERI	08. R. VARDAR - SKOPJE - JURUMLERI	08. R. VARDAR - SKOPJE - JURUMLERI	ARDAR - SKOPJE - JURUMLERI	KOPJE - JURUMLERI	RUMLERI															
150         45         25         20         0.05         4.00         10.80         90.9         6.30         3.65         3.65           30         70         50         20         0.10         4.25         10.31         92.5         4.04         2.92           80         60         25         35         0.10         3.30         10.37         10.28         4.63         4.20           80         70         50         20         2.05         7.97         85.9         5.53         3.44           110         125         10         0.50         5.20         4.91         53.8         6.48         2.38           110         125         10         10.74         98.1         4.64         2.81           145         120         90         30         0.10         3.50         12.70         109.4         3.30         1.87	24.01.199 0.00 0.00 470 355 115 360 2	0.00 0.00 470 355 115 360	0.00 0.00 470 355 115 360	470 355 115 360	355 115 360	115 360	360		``	285	7.5	110	102	40	0.10	3.95	10.81	88.0	2.29	3.43	13.55
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80         60         25         35         0.10         3.30         10.37         10.28         4.63         4.20         4.20           80         70         50         20         0.25         2.05         7.97         85.9         5.53         3.44           110         125         44         19         0.50         5.20         4.91         53.8         6.48         2.38           110         125         10         115         0.10         4.10         10.74         98.1         4.64         2.81           145         120         90         30         0.10         3.50         12.70         109.4         3.30         1.87	0.00 0.00 305 255 50 235	0.00 0.00 305 255 50 235	0.00 0.00 305 255 50 235	305 255 50 235	255 50 235	50 235	235		3(	205	30	22	99	20	0.10	4.25	10.31	92.5	4.04	2.92	11.54
80         70         50         20         0.26         2.05         7.97         85.9         5.53         3.44           10         44         19         0.50         5.20         4.91         53.8         6.48         2.38           110         125         10         115         0.10         4.10         10.74         98.1         4.64         2.81           145         120         90         30         0.10         3.50         12.70         109.4         3.30         1.97	0:00 0:00 320 205 115 260	0:00 0:00 320 205 115 260	0:00 0:00 320 205 115 260	320 205 115 260	205 115 260	115 260	260		ľ	£8	80	90	25	35	0.10	3.30	10.37	102.8	4.63	4.20	18.57
55         63         44         19         0.50         5.20         4.91         53.8         6.48         2.38           110         125         10         115         0.10         4.10         10.74         98.1         4.64         2.81           145         120         90         30         0.10         3.50         12.70         109.4         3.30         1.97	0.00 0.00 400 300 100	0.00 0.00 400 300 100	0.00 0.00 400 300 100	400 300 100	300 100	100		330	1	250	80	20	909	R	0.25	2.05	76.7	85.9	5.53	3.44	13.59
110         125         10         115         0.10         4.10         10.74         98.1         4.64         2.81           145         120         90         30         0.10         3.50         12.70         109.4         3.30         1.97	0.00 0.00 400 326 74	0.00 0.00 400 326 74	0.00 0.00 400 326 74	400 326 74	326 74	74		337		182	55	63	44	19	0.50	5.20	4.91	53.8	6.48	2.38	9.40
145 120 90 30 0.10 3.50 12.70 109.4 3.30 1.97	_	0.00 0.00 405 180 225	0.00 0.00 405 180 225	405 180 225	180 225	225		280		170	110	125	10	115	0.10	4.10	10.74	98.1	4.64	2.81	11.10
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|          | 25. 01. 199 28. 02. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 29. 05. 199 | 1           | 1            | CO2           Residual         Agresiv.           mgil         Total           17         18         19           09. R. VARDAR - v. BASINO         400           0.00         0.00         400           0.00         0.00         400           0.00         0.00         340           10. R. VARDAR - v. BASINO         340           0.00         0.00         340           10. R. VARDAR - v. BASINO         340           0.00         0.00         340           11. R. VARDAR - v. BASINO         340           0.00         0.00         340           11. R. VARDAR - v. BASINO         340           0.00         0.00         340           0.00         0.00         340           0.00         0.00         325           0.00         0.00         370           0.00         0.00         370           0.00         0.00         370           0.00         0.00         370           0.00         0.00         320           1.76         0.00         380           1.76         0.00         380           1.76 | CO2           Residual         Agresiv.           mgil         Total           17         18         19           09. R. VARDAR - v. BASINO         400           0.00         0.00         400           0.00         0.00         400           0.00         0.00         340           10. R. VARDAR - v. BASINO         340           0.00         0.00         340           10. R. VARDAR - v. BASINO         340           0.00         0.00         340           11. R. VARDAR - v. BASINO         340           0.00         0.00         340           11. R. VARDAR - v. BASINO         340           0.00         0.00         340           0.00         0.00         340           0.00         0.00         325           0.00         0.00         370           0.00         0.00         370           0.00         0.00         370           0.00         0.00         370           0.00         0.00         320           1.76         0.00         380           1.76         0.00         380           1.76 | CO <sub>2</sub> Solid particles m           mgll         Total         Mineral.           ngl         Total         Mineral.           17         18         19         20           09. R. VARDAR - v. BASINO SELO         200         300         300           0.00         0.00         400         280         205           0.00         0.00         400         280         272           0.00         0.00         396         272         200           0.00         0.00         396         272         200           0.00         0.00         396         272         200           0.00         0.00         396         272         200           0.00         0.00         385         210         200           0.00         0.00         385         210         200           0.00         0.00         386         285         210           0.00         0.00         386         285         210           0.00         0.00         420         286         200           0.00         0.00         420         285         206           0.00         0.00 | CO₂         Solid particles mgll         Diss           mgll         Total         Mineral         Organ.         Total           17         18         19         20         21         22           09. R. VARDAR - v. BASINO SELO         20         21         22           0.00         0.00         310         160         150         280           0.00         0.00         310         160         150         280           0.00         0.00         310         160         170         370           0.00         0.00         390         185         205         275           0.00         0.00         390         185         205         275           0.00         0.00         380         185         275         275           0.00         0.00         380         185         275         275           0.00         0.00         380         185         275         275           0.00         0.00         380         185         275         275           0.00         0.00         380         140         340         340           0.00         0.00         380 </td <td>CO₂         Solid particles mgll         Diss           mgll         Total         Mineral         Organ.         Total           17         18         19         20         21         22           09. R. VARDAR - v. BASINO SELO         20         21         22           0.00         0.00         310         160         150         280           0.00         0.00         310         160         150         280           0.00         0.00         310         160         170         370           0.00         0.00         390         185         205         275           0.00         0.00         390         185         205         275           0.00         0.00         380         185         275         275           0.00         0.00         380         185         275         275           0.00         0.00         380         185         275         275           0.00         0.00         380         185         275         275           0.00         0.00         380         140         340         340           0.00         0.00         380<!--</td--><td>CO2         Mineralisation         Mineralisation         Mineralisation         Mineralisation         Mineralisation           mg/l         mg/l         Total         Mineralisation         Dissolved particles           0.8. R. VARDAR - V. BASINO SELO         20         21         22         23           0.8. R. VARDAR - V. BASINO SELO         150         150         200         200         200           0.00         0.00         310         160         150         200         270         180           0.00         0.00         0.00         295         205         205         200         180         350         180           0.00         0.00         0.00         400         280         140         300         180         200           0.00         0.00         0.00         280         140         300         240         260           0.00         0.00         300         185         205         275         140         200           0.00         0.00         300         185         280         145         250         271           0.00         0.00         300         280         140         300         270         <t< td=""><td>CO2         Mineralisation         Mineralisation         Mineralisation           Residual         Agresiv.         Solid particles mg/l         Discoved particles mg/l         Discoved particles mg/l           T         T         15         15         20         21         22         23         24           05.0         mg/l         150         160         20         21         22         23         24           05.0         Montal         160         150         21         22         23         24           05.0         400         4880         300         180         350         170         180         190           0.00         0.00         310         160         160         160         230         20         20         20           0.00         0.00         230         160         160         160         230         170         175         170         175           0.00         0.00         400         260         140         300         220         24         100         170         175         100         175         100         170         175         100         170         170         175</td><td>CO2         Mineralisation         Mineralisation         Mineralisation           Residual         Agresiv.         Solid particles mg/l         Discoved particles mg/l         Discoved particles mg/l           T         T         15         15         20         21         22         23         24           05.0         mg/l         150         160         20         21         22         23         24           05.0         Montal         160         150         21         22         23         24           05.0         400         4880         300         180         350         170         180         190           0.00         0.00         310         160         160         160         230         20         20         20           0.00         0.00         230         160         160         160         230         170         175         170         175           0.00         0.00         400         260         140         300         220         24         100         170         175         100         175         100         170         175         100         170         170         175</td><td>Readulational Markatilania (August)         Solid particles mg/life         Minimalisation         Solid particles mg/life         Minimalisation         Solid particles mg/life         Minimalisation         Total         Minimalisation         Minimalisation         Total         Minimalisation         Minimalisation</td><td>  Col.   /td><td>  Color   Colo</td><td>  Cotation   Cotation</td><td>  Minimalisation   Againa   Minimalisation   Minimalisati</td><td>CNA         Available of the control of the con</td><td>  National   Nationa</td></t<></td></td> | CO₂         Solid particles mgll         Diss           mgll         Total         Mineral         Organ.         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BASINO SELO         20         21         22           0.00         0.00         310         160         150         280           0.00         0.00         310         160         150         280           0.00         0.00         310         160         170         370           0.00         0.00         390         185         205         275           0.00         0.00         390         185         205         275           0.00         0.00         380         185         275         275           0.00         0.00         380         185         275         275           0.00         0.00         380         185         275         275           0.00         0.00         380         185         275         275           0.00         0.00         380         140         340         340           0.00         0.00         380 </td <td>CO2         Mineralisation         Mineralisation         Mineralisation         Mineralisation         Mineralisation           mg/l         mg/l         Total         Mineralisation         Dissolved particles           0.8. R. VARDAR - V. BASINO SELO         20         21         22         23           0.8. R. VARDAR - V. BASINO SELO         150         150         200         200         200           0.00         0.00         310         160         150         200         270         180           0.00         0.00         0.00         295         205         205         200         180         350         180           0.00         0.00         0.00         400         280         140         300         180         200           0.00         0.00         0.00         280         140         300         240         260           0.00         0.00         300         185         205         275         140         200           0.00         0.00         300         185         280         145         250         271           0.00         0.00         300         280         140         300         270         <t< td=""><td>CO2         Mineralisation         Mineralisation         Mineralisation           Residual         Agresiv.         Solid particles mg/l         Discoved particles mg/l         Discoved particles mg/l           T         T         15         15         20         21         22         23         24           05.0         mg/l         150         160         20         21         22         23         24           05.0         Montal         160         150         21         22         23         24           05.0         400         4880         300         180         350         170         180         190           0.00         0.00         310         160         160         160         230         20         20         20           0.00         0.00         230         160         160         160         230         170         175         170         175           0.00         0.00         400         260         140         300         220         24         100         170         175         100         175         100         170         175         100         170         170         175</td><td>CO2         Mineralisation         Mineralisation         Mineralisation           Residual         Agresiv.         Solid particles mg/l         Discoved particles mg/l         Discoved particles mg/l           T         T         15         15         20         21         22         23         24           05.0         mg/l         150         160         20         21         22         23         24           05.0         Montal         160         150         21         22         23         24           05.0         400         4880         300         180         350         170         180         190           0.00         0.00         310         160         160         160         230         20         20         20           0.00         0.00         230         160         160         160         230         170         175         170         175           0.00         0.00         400         260         140         300         220         24         100         170         175         100         175         100         170         175         100         170         170         175</td><td>Readulational Markatilania (August)         Solid particles mg/life         Minimalisation         Solid particles mg/life         Minimalisation         Solid particles mg/life         Minimalisation         Total         Minimalisation         Minimalisation         Total         Minimalisation         Minimalisation</td><td>  Col.   /td><td>  Color   Colo</td><td>  Cotation   Cotation</td><td>  Minimalisation   Againa   Minimalisation   Minimalisati</td><td>CNA         Available of the control of the con</td><td>  National   Nationa</td></t<></td> | CO2         Mineralisation         Mineralisation         Mineralisation         Mineralisation         Mineralisation           mg/l         mg/l         Total         Mineralisation         Dissolved particles           0.8. R. VARDAR - V. BASINO SELO         20         21         22         23           0.8. R. VARDAR - V. BASINO SELO         150         150         200         200         200           0.00         0.00         310         160         150         200         270         180           0.00         0.00         0.00         295         205         205         200         180         350         180           0.00         0.00         0.00         400         280         140         300         180         200           0.00         0.00         0.00         280         140         300         240         260           0.00         0.00         300         185         205         275         140         200           0.00         0.00         300         185         280         145         250         271           0.00         0.00         300         280         140         300         270 <t< td=""><td>CO2         Mineralisation         Mineralisation         Mineralisation           Residual         Agresiv.         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Solid particles mg/l         Discoved particles mg/l         Discoved particles mg/l           T         T         15         15         20         21         22         23         24           05.0         mg/l         150         160         20         21         22         23         24           05.0         Montal         160         150         21         22         23         24           05.0         400         4880         300         180         350         170         180         190           0.00         0.00         310         160         160         160         230         20         20         20           0.00         0.00         230         160         160         160         230         170         175         170         175           0.00         0.00         400         260         140         300         220         24         100         170         175         100         175         100         170         175         100         170         170         175 | CO2         Mineralisation         Mineralisation         Mineralisation           Residual         Agresiv.         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	-	(go)			74	<sub>22</sub>	1	75	13	T	8		<u>a</u>			29	, ,	99	25	ري	-	_		14	19	8	8	<u>ω</u>	စ္တ	<u></u>	9		92	14	7.19	11 85
	Perm.index mg/l	KMno, (COD)	34		14.74	19.56	18.17	10.75	15.05		13.04	8.8	6.44		16	17.62	29.28	15.69	12.64	8.46	8.81	7.11		14.74	20.19	19.08	19.20	9.48	10.39	9.80	8.46		9.60	5.14	7.1	;
perties	Peri	ဝိ	R		3.73	4.95	4.60	2.72	3.81		3.3	2.48	1.63		4.05	4.46	7.41	3.97	3.2	2.14	2.23	1.8		3.73	5.11	4.83	4.86	2.40	2.63	2.48	2.14		2.43	1.30	1.82	ç
Oxygen properties	BODs	mg/l O <sub>2</sub>	32		7.10	5.10	6.40	2.84	4.46		1.27	4.41	1.68		5.03	2.6	5.39	2.91	2.85	1.36	2.75	3.44		4.64	4.90	3.43	3.59	3:20	2.70	3.83	2.68		2.60	8.69	4.21	
	Saturation	% O <sub>2</sub>	31		92.9	85.0	95,9	98.3	97.0		116.2	92.8	98		97.9	81.7	99.3	101.9	98.4	115.8	90.3	95.5		102.6	87.9	108.8	113.6	122.4	155.8	115.1	104.8		114.6	137.7	131.3	
	Oxygen	mg/I O <sub>2</sub>	30		11.44	10.30	10.61	8.11	10.00		9.59	11.11	11.18		11.93	9.9	11.11	10.39	8.54	9.81	10.54	11.17		12.50	10.34	11.83	10.69	10.10	12.85	13.40	11.96		14.18	12.64	11.95	
inity	l'Ain.	"m"	29		3.30	3.60	3.55	5.00	3.80		5.10	3.75	3.30		3.50	3.50	3.25	3,45	4.05	5.20	3.90	3.15		3.50	3.50	3.10	2.90	4.50	4.70	3.10	3.30		2.55	2.63	2.70	
Alkalinity	Mg-equiv./I	"d"	82		0.05	0.05	0.05	0.15	0.00		0.20	0.10	0.10		0.05	0.05	0.05	0.00	0.15	0.25	0.05	0.05		0.05	0.05	0.05	0.05	0.20	0.35	0.15	0.05		0.25	0.15	0.15	
	l'gm s	Organ.	27		80	40	40	20	10		16	35	15		25	50	13	30	20	17	15	15		0/	99	25	20	25	32	40	10		19	20	7	1
	Suspended particles mg/l	Mineral.	26	-	20	10	25	30	20		53	20	10		09	20	215	40	0	16	55	15		15	09	185	50	40	41	25	5	şi -	16	10	13	
	Suspen	Total	25		100	20	65	90	30		69	85	25		985	20.	228	70	20	33	70	30		85	120	210	02	99	73	99	15		335	30	20	
	s ma/l	Organ.	24		100	180	35	140	180		93	200	90		160	69	135	100	130	107	135	9		120	120	145	110	-0/1	99	100	-014		76	80	92	
ineralisation		Mineral.	23		310.	240	205	230	180		403	100	160		205	330	160	260	210	325	155	180		260	260	135	255	200	263	150	220		188	001	106	
2	Dissol	Totai	22		410	420	240	370	360		496	300	250		365	390	295	360	340	432	290	240		380	380	280	365	370	329	250	260		264	180	201	
	llac	Organ.	21		180	220	75	160	190		109	235	135		185	15	148	130	130	124	150	7.5		190	180	170	130	195	86	140	20		98	100	102	
	Solid narticles molt	Mineral.	20	DSKO	330	250	230	260	900	ADSKO	456	150	170		265	350	375	300	260	34.	210	195	:	275	320	320	305	240	304	175	225		204	110	119	
	Solis	Total	19	STARO GRADSKO	510	470	305	420	390	STARO GRADSKO	599	388	275	- DEMIR KAPIJA	450	460	523	430	98	465	360	270	VGELIJA	465	200	490	435	435	402	315	275	١.	588	210	221	
	Arrociv	, EDE	, 82	R. VARDAR - v. S	00:0	90.0	00:0	00.00	89	1	•	000	0.00	VARDAR - DEI	000	00.0	000		98.0	000	00.0	000	R. VARDAR - GEVGELIJA	0.00	0.00	00:00	0.00	0.00	0.00	0.00	00.0	23. LIPKOVSKO LAKE	00:00	0:00	0.00	
ģ	lenbisod	mail	, 1:	14. R. VAR	00:0	000	000	000	132	16. R. VARDAR - v.	0.00	90.0	0.00	17. R. VAR	000	00'0	000	1.32	900	000	900	0.00	18. R. VAF	000	0.00	0.00	0.00	1				23. LIPKO	0000	00.0	00.0	•
25.0	9 7	samolina	9 00		26. 01. 199	29. 02. 199	04 04 199	30.05.199	03 07 199	_	29.08, 1996	31 10 199	19, 12, 199	7	26 01 199	29, 02, 199	05 04 199	31 05, 199	03 07 199	30.08 1996	01, 11, 199	19. 12. 199	1	26 04 199	29 02 199	05.04.199	31, 05, 199	03.07.199	30 08, 1996	01, 11, 199	19, 12, 199	1	6.03.199	1, 05, 199	0.08.199	
	-	ć	-		601	1		} .	1		114	Т	Т	7	117	1.		1	T		1	I	1	125	Т		1 .	ĭ	1	1		7	156	157	158	

ſ_		Γ.			_	Γ	T-	T	1	Γ	T-	Ι	r-	1	_	1	T	Τ	]		Τ	Γ	T	1		Т	T	<u> </u>	1	_	Γ	ı	Τ	1		Γ-	Г	T-
	Perm.index mg/l	KMnO4 (COD)	34		12.49	9.36	6.87	13.99		32.04	51.36	35.95	48.00		16.00	13.27	18.96	11.54		24.65	15.80	14.70	13.51		12.80	14.22	13.39	7.59		12.17	11.06	7.86	7.59		14.74	14.22	9.80	7.59
perties	Perm	0	33		3.16	2.52	1.74	3.54		8.11	13.00	9.10	12.15		4.05	3.36	4.80	2.92		6.24	4.00	3.72	3.42		3.24	3.60	3.39	1.92		3.08	2.80	1.99	1.92	•	3.73	3.60	2.48	1.92
Oxygen properties	BODs	mg/102	32		2.21	3.08	2.33	1.01		8.57	2.66	25.10	59.36		4.31	2.83	5.52	0.59		6.72	5.36	3.54	5.17		1.80	4.25	2.72	1.71		2.54	3.08	3.60	4.37		0.88	3.59	3.85	1.60
	Saturation	% 05	31		95.7	117.9	143.9	101.0		72.3	41.6	57.8	33.3		104.8	117.9	115.1	88.3		92.6	100.8	145.6	86.8		105.6	137.4	129.2	64.9		97.3	98.9	145.1	96.0		92.8	116.3	154.4	108.2
	Oxygen	mg/I O <sub>2</sub>	8		10.98	11.00	12.85	10.19		8.09	3.85	5.50	3.39		13.68	12.19	11.05	10.36		11.83	10.10	13.37	9.50		13.06	12.15	10.76	6.33		12.36	11.69	14.35	10.74		11.55	10.58	14.10	11.58
inity	l'rin		ล		4.35	3.44	3.75	3.30		6.05	7.35	5.65	5.30		1.60	1.42	2.18	1.50		2.75	2.70	4.00	1.85		2.25	1.70	1.45	1.65		2.45	1.85	2.05	1.85		2.65	2.85	4.25	3.75
Alkalinity	ll_viupa-equiv.∕I	"d"	28		0.00	90.0	0.10	0.15		0.20	0.00	0.20	0.25		0.00	0.05	0.10	0.10		0.15	0.05	0.40	0.25		0.00	0:20	0:30	0.00		0.00	0.05	0.00	0.00		0.05	0.05	0.15	0.10
	l/Sm si	Organ.	27		32	75	14	25		45	80	82	75		22	10	56	25		46	8	36	25		37	0	6	22		34	0	39	ဓ္		13	35	12	15
	Suspended particles mg/l	Mineral.	26		25	8	13	30		52	100	23	75		31	20	37	15		9	06	4	33		17	우	6	20		22	40	11	8		22	35	2	25
	Susper	Total	25		25	165	27	55		97	180	105	150		ઝુ	8	63	8		25	120	64	8		55	10	18	45		51	70	20	8		35	70	14	40
	s mg/l	Organ.	77		106	7.5	35	110		27.7	240	167	160		109	110	28	8		138	120	131	100		89	92	117	30		28	110	98	98		85	20	83	115
Mineralisation	Dissolved particles mg/l	Mineral.	23		284	155	266	280		218	250	314	350		138	09	114	130		138	160	236	170		174	150	153	145		172	180	100	13 5		200	280	302	175
×	Dissol	Total	22		390	230	358	330		495	490	481	510		247	170	198	190		276	280	367	270		233	160	270	175	ANC! "	200	290	186	195		285	350	355	290
	l/Bu	Organ.	23		138	150	106	135		322	320	249	235		134	120	100	88		184	150	167	125		96	10	126	55	=	59	110	125	95		98	105	65	130
	Solid particles mg/l	Mineral.	20	Щ	309	245	279	310	OSANE	270	350	337	425	ARCI	169	110	151	145	PALE	144	250	240	205	- Dam	191	160	162	165	Downflow from acum.	192	220	111	140	STE	222	315	304	500
	Soli	Total	19	v. BEDINJE	447	395	385		- v. DOBROSANE	592	670	989	099	. v. BUDINARCI	303	230	261	230	_	328	400	407	330	YLIMANC!	287	170	288	220	- Downflow	251	330	236	235	- v. KRUPISTE	320	420	369	330
22	Agresiv.	mg/l	18	LIPKOVSKA -	00.0	00:0	00:0	00:0	24. R. KUMANOVSKA	000	0.00	00:0	00:0			0.00	00:0	00:0	GALNICA .	00.0	00.0	00.0	00'0	31.a Acumulation 'KALIMANCI		0.00	00:0	•	GALNICA	•	0.00	,	,	BREGALNICA	0.00	00:0	00'0	00:0
603	Residual	l/gm	17	23 a. R. UP	ĺ	0.00			24. R. KUN					29. R. BREGALNICA			00.0		30. R. BREGALNICA	00.0	00.0	00.0	00'0	31.a Acum			ı	5.10	31. R. BREGALNICA	. [		[	9	32. R. BRE	00:00	0.00	00.00	0.00
Date	*	sampling	က		6. 03. 199	1, 05, 199	0.08.199	2. 10. 199		6, 03, 199	1.05.199	0.08.199	2. 10. 199		7. 03. 199	3, 05, 199	1. 08. 199	3, 10, 199		7, 03, 199	3, 05, 199	1. 08. 199	3. 40, 199		7. 03. 199	3.05.199	1.08.199	3. 10. 199		7. 03. 199	3. 05. 199	1. 08. 199	3, 10, 199		8, 03, 199	2, 05, 199	1, 08, 199	3, 10, 199
	No.		-		$\Box$	161	Г	163					167			186		189		190	191	192	193			195					<b>35</b>	T	83	li	202		204	

													Affect	hinite			Oxygen properties	erties	
		č	2					Mineralisation	9				Athenny	Ŷ					
	Date	)	22				į		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Supposed postioles mal	and and	mn-equiv.	] Wivin	Oxygen	Oxygen Saturation	BODs	Perr	Perm.index mg/l
Ä	<u>.</u> خ	Residual	Agresiv.	Sol	Solid particles mg/l	l'gm	Disso	solved particles mg/l	35 mg/l	adsne	וומפת הפוווכו	A CONTRACT			2	•	- E	c	KMnO, (COD)
į			-			2000	Total	Uinera	Organ.	Tota	Mineral.	Organ.	<u> </u>	E	mg C	200	1119/1 02	25	(
	sampling	l/bur	mg/	Lota:	Miller al.	5	1			ļ	a,	37	28	29	30	31	32	æ	ਲ਼
-	3	17	18	19	৪	77	77	22	82	63									
		100 0 66	A D DDECA! NICA . A SHE!! AR! ( under SHTIP )	. S. IFI	ARI ( unde	· SHTIP)												,,,,	5
			CONTROL	4. 00. 1					147	27	45	۶	0.05	2.60	13.21	1123	2.76	5.1	50.13
200	007 00	500	000	369	234	134	323	219	<u> </u>	<del>Q</del>	ö	3	3	20,1				300	24.04
8		000	3				١	720	çç	70	5.5	20	0.10	3.90	08.6	110.2	9	20.0	10777
207	2.05.199	000	80.0	460	320	<del>1</del>	286	0/7	071	0	3			10,	3	0 30*	9	430	16.99
			000	7.27	200	103	35.6	254	102	118	82	8	51.0	69.4 03.	to n	0.001	0.40	1,00	2
<u>Ş</u>	2.08.199	0.00	00.0	4/4	707	70	3	3			8	١	5,0	07 %	11.0	1043	3.92	2.17	8.57
209	4, 10, 199	000	00.0	405	345	8	322	315	9	ટ્ર	₩ ₩	3	21.50	2					
		00 0 76	24 B GDECALNICA - VIBOGO	JUBIC 7	ļ														00 07
		לם . בי	CONTRICT	5	- 1			2000	747	7.5	100	97	0.40	5.85	11.18	132.0	1.52	4.30	96.9
210	9, 08, 199	0.00	00.0	480	327		407	303	104	2									

## RESULTS OF SURFACE WATER QUALITY ANALYSIS IN REPUBLIC OF MACEDONIA FOR YEAR 1996

Г	Ţ	<u>ध</u> ा	T-			Γ	Γ	Ī	Γ.	T	Π	Γ	Γ	Γ-	T-	Γ	Π	Γ.	Γ		]	Γ	7	Γ		T	T	Г	Γ	r	T	Γ	T
	Mon carbonate	dR	53		3.6	3.3	2.5	2.8	4.2		3.1	4.7	4.2	3.2	2.8		3.9	5.3	4.7	4.2	6.0	3.5	4.2	2.0		3.8	5.6	4.4	4.1	4.5	3.2	4.3	1.5
ess	١,		25		71.5	73.3	₹.	92.9	32.2		42.9	21.5	44.7	69.7	14.3		100.1	9.09	118.0	105.5	48.3	98.3	69.7	112.6		82.2	35.7	118.0	91.2	89.4	130.5	37.5	92.9
Hardness	Cark	HD	53		4.0	4.1	5.3	5.2	80		2.4	1.2	2.5	3.9	0.8	]	5.6	3.4	6.6	5.9	2.7	5.5	3.9	6.3		4.6	2.0	6.6	5.1	5.0	7.3	2.1	5.2
	Total	mg/i	S		135.8	132.3	139.4	143.0	107.2		98.3	105.5	119.8	126.9	64.3		169.8	155.5	202.0	180.5	155.5	162.6	144.8	148.3		150.1	135.8	196.6	164.4	169.8	187.7	114,4	119.8
		ၨ	\$		9.7	7.4	7.8	8.0	0.9		5.5	5.9	6.7	7.1	3.6		9.5	8.7	11.3	<u>ö</u>	8.7	9. T	 F.	8.3		8.4	7.6	11.0	9.2	9.5	10.5	6.4	6.7
	Dottoeium	mg/l K	48		9.0	9.0	0.8	1.0	0.8		1.0	14	1.4	1.4	1.0		1.8	3.0	2.1	1.5	1.8	1.8	1.5	,		1.5	3.0	2.0	1.4	1.7	1.8	1,4	
	Codium	mg/l Na	47		1.7	2.0	1.5	2.0	1.0		2.7	2.5	2.2	2.5	2.2		5.5	8.5	5.5	4.2	5.2	5.0	5.2	,		4.5	8.1	6.8	4.0	5.0	4.0	3.7	,
	Magnoe	mg/l Mg²	46		8.5	12.0	15.8	12.8	3.6		6.7	11.4	5.5	14.6	2.4		11.6	9.7	18.0	18.8	8.6	9.7	4.9	2.4		12.2	8.5	15.6	12.8	12.2	21.9	4.9	3.0
	, midale	mg/ Ca <sup>2*</sup>	45		40.1	33.6	30.1	36.1	37.1		28.1	23.7	32.1	27.1	22.0		49.1	46.1	51.3	41.1	48.1	49.1	50.1	55.1		40.1	40.1	53.3	45.1	181	39.1	38.1	43.1
Anions and cations	C. Mater	mg/I SO.2-	44		12.5	7.9	5.1	16.3	8.7		28.8	8.8	10.3	27.8	11.2		20.0	17.4	21.3	14.7	64.0	49.9	18.0	13.5		25.0	18.3	18.0	14.7	65.3	22.7	20.1	14.1
Anions	Chloridge		43		11.3	10.6	17.0	8.9	5.5		13.4	9.8	16.2	8.9	5.5		11.3	16.3	17.6	18.2	16.5	11.1	8.7	6.3		11.3	13.8	16.7	20.1	18.1	11.1	6.7	5.5
	Veden	mg/I OFF	42		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0:0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	2000	mg/lCO <sub>3</sub> 2	41		3	9	6	9 .	8		3	0	ဖ	99	6		e	3	0	9	9	30	3	9		3	9	٥	9	မ	9	3	0
	Disarbon	mg/IHCO <sub>3</sub>	9		137	137	131	143	119		70	119	110	15	58		183	171	220	180	95	81	159	159		153	146	220	159	107	192	116	137
	Choenhotee		66	point )	0.000.0	0.000.0	0.000.0	0.0020	0.0130		0.0110	0.000.0	0.000.0	0.0020	0.0010		0.000.0	0.0000	0.0350	0.000.0	0.0105	0.0035	0.0010	0.0050		0.0010	0.000	0.0350	0.0010	0.0125	0.0020	0,000.0	0.0030
	ŀ		<u> </u>	(intake																													
Biogenic elements	Mitmator	N I'gm	88	VRUTOK	0.000	0.027	0.270	0.180	0.250	БОГ	0.000	060:0	0.340	0360	0.390	CINCI	0000	00000	0:030	1.150	0.740	0.810	0.240	0.610	OVCE	0000	0.000	0000	0.840	0.500	0.840	0.220	0.140
Biogenic	Meritan	mg/l N	37.	JAR - village	. 0.011	0.010	0.010	0.020	0000	R. VARDAR - v. BALIN DOL	0.076	0.010	0.020	0.020	0.010	R. VARDAR - v. SARAKINCI	0.084	0.011	0.020	0.040	0:030	0:030	0.010	0.100	R - v. JEGUNOVCE	0.024	0.011	0.020	0.040	0.060	0.040	0.010	0.080
	Ammonia	mg/l N	36	01. River VARDAR - village VRUTOK (intake point)	0.101	0000	0.040	0.420	0.000	02. R. VARDAI	0.264	0.187	0.180	0.320	0.070	03. R. VARDAJ	0.284	0.152	0.187	0.100	0.260	0.230	0.000	0.150	04. R. VARDAR -	0.171	0.187	0.132	090.0	0.180	0.380	0.000	0:030
Date		o Buildmes	9	1.	22.01.1996	01.04.1996	27.05.1996	26.08.1996	28.10.1996	0	22.01.1996	01.04.1996	27.05 1996	26.08.1996	28.10.1996	Ģ	23.01.1996	27. 02. 1996	01. 04. 1996	27 05 1996	01. 07. 1996	26. 08. 1996	28. 10. 1996	17. 12. 1996	Ō.	23. 01. 1996	27. 02. 1996	01. 04. 1996	27. 05. 1996	01. 07. 1996	26. 08. 1996	7. 1996	17. 12. 1996
ř			Ĺ		_	$\vdash$	Ļ	$\vdash$	_			-		_			⊢	$\vdash$	$\dashv$		$\overline{}$		-1	_						_			
L	Ś	<u>.</u>	Ŀ		24	52	8	72	83		ଷ	8	3	35	33	_	8	ಗ	ဗ	37	జ	ස	\$	4		45	43	4	&	49	4	8	49

4.0. Holy Market         Multiple	T	Date	:	Biogenic elements	elements					Anions	Anions and cations							Hardness	9	
NATION NEW PARTIN NEW		7	Ammonia	Witnitae	Niterator	Dhoenhates	Divarbon	Japan	Distance	Chloridge	Culfatae	Calclam	Magnoc	_	Dottorium	¥0,4		, de	Г	oton o de no
3   38   38   38   38   49   41   42   42   44   45   45   45   45   45		sampling	mg/l N	mg/l N	mg/l N	mg/IPO,3	mg/IHCO <sub>3</sub>	mg/ICO <sub>3</sub> 2-	mg/l OH	mg/l Cf	mg/l SO.2	mg/ Ca <sup>2*</sup>	magiles.		mg/l K	HP	ng.	š		T-Cat DO: Italia
26. V. VIDMA:         ALIANDIAN:         ALIANDIA SELO.         ALIANDIA SEL	<b>_</b>	67	36	37	38	39	육	17	42	43	44	45	46	47	48	67	200	╁	52	83
26.01 1889         O.079         C.018	1	1							].											
CEACH 1989   CASAT		25.01.1996	0.679	0.018	0,025	0.0040	211	9	0.0	50.9	40.1	58.1	16.4	13.0	3.0	-	212.7	$\vdash$	25.1	4.9
California   Cal		28. 02. 1996	0.424	0.017	0.000	000000	186	9	0.0	7.92	47.2	54.1	17.0	14.5	3.1	11.5	205.5	╁	91.2	6.4
Mathematic National Corrections   Math		03.04.1996	0.443	0:030	0.000	0.0035	238	9	0.0	15.1	23.0	49.4	23.4	9.1	2.7	12.3	219.8	-	30.5	5.0
C. C. 1.986         C. A. S. O.         C. C. 1.987         C. C. T. S. O.         C. C. T. S. O.         C. C		29: 05: 1996	0.040	0:030	2.600	0.0035	226	9	0.0	19.8	34.6	55.1	22.5	6.8	3.0	12.9	230.6	-	30.5	5.6
10. VARDNE V. BASHO SETC         SET. ORG 10.89         0.89         1.0. VARDNE V. BASHO SETC         SET. ORG 10.89         1.0. Set 0.80	┝╌	02. 07. 1996	0.360	ļ.		0.0120	포	21	0.0	28.2	119.7	66.1	21.9	18.2	3.8	14.3	255.6	├	66.2	5.0
28 08 1996   0.5800   0.5800   0.3840   0.0000   0.320   1.2   0.00   0.255   0.00   0.2500   0.0000   0.000   0.0000   0.000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.00000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.0000   0.00		ţ		ı • I			1	-												
1.0.1   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.2   1.0.	98	28 08. 1996	0.590	0.350	3.340	0900:0	320	12	0.0	22.5	20.0	72.1	25.5	16.0	4.6	16.0	286.0	-	0.89	6.6
1.1. 12.1999   0.2000   0.1700   0.0000   177   6   0.00   1159   2.89   6.57   6.51   18.4   18.8   3.3   1.4   6.506   7.2   7.1   127.0   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   1.2   7.1   7.1   1.2   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7.1   7	25	30.10.1996	0.360	0:00	0.360	0:0020	198	12	0.0	19.0	28.8	58.1	11.5	15.2	3.6	10.5	187.7	┼-	19.8	3.8
1.1. R. VARDAR. *VELES         3.0. VARDAR. *VARDAR.	88	18, 12, 1996	0.260	0.170	0.200	0.0040	177	9	0.0	11.9	22.8	56.1	8.5	,		8.8	175.2	$\vdash$	27.0	2.7
2.5. 0. 1199         0.037         0.0370         1771         6         0.0         28.8         67.7         56.1         16.4         16.8         3.3         11.5         205.9         7.3         10.0           28.0.0.1896         0.547         0.0186         0.000         0.0000         2.04         3.4         56.1         15.8         3.1         11.2         205.9         7.2         11.08           28.0.0.1896         0.544         0.000         0.000         2.000         1.00         2.0         1.0         3.0         1.1         2.0         8.7         1.1         2.0         8.7         1.0         1.0         1.0         1.0         1.0         2.0         1.0         1.0         2.0         1.0         1.0         2.0         1.0         1.0         1.0         2.0         1.0         1.0         1.0         1.0         1.0         1.0         1.0         2.0         1.0         1.0         1.0         1.0         1.0         2.0         1.0         1.0         1.0         1.0         1.0         1.0         2.0         1.0         2.0         1.0         1.0         2.0         1.0         2.0         1.0         2.0         1.0			11. R. VARDA	IR - VELES																
28 D. 1969         0.667         0.018         0.009         284         3.4         66.1         15.9         32.0         11.5         32.0         11.5         20.5         6.2         11.0         10.0           0.0.4 1989         0.0.444         0.0.30         0.0000         0.0005         2.89         3         0.0         15.3         15.3         12.7         25.0         11.7         25.0         11.8         11.2         3.5         12.7         25.0         11.8         11.2         3.5         11.8         11.2         3.5         11.8         11.2         3.5         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8	£	25. 01. 1996	1.049	0.193	0.027	0.0070	171	9	0.0	26.8	2.79	56.1	16.4	16.8	3.3	11.6	206.9	-	30.5	4.3
0.0. 0. 0. 1350         0.0. 0. 1550         0.0. 0. 1550         0.0. 0. 1550         0.0. 0. 17.0         0.0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	-	28. 02. 1996	0.567	0.018	0.000	0.0000	265	9	0.0	23.4	37.4	56.1	15.8	32.0	8.7	11.5	205.6	╁╾	10.8	5.3
29 06 1996         0.340         0.100         2.860         0.006         2.88         6         0.00         17.0         40.3         63.1         28.1         8.5         3.1         13.4         23.9         7.2         17.8           20.0.7.1986         0.430         0.0100         0.000         3.02         10.05         58.1         18.6         20.0         4.1         14.7         28.7         18.1           20.0.1986         0.420         0.100         0.000         2.00         2.0         2.0         4.7         16.1         28.7         18.5         1.4         18.5         1.4         18.5         1.4         18.5         1.4         18.5         1.4         18.5         1.4         18.5         1.6         1.0         1.0         2.0         4.7         1.7         1.4         18.5         1.6         1.0         2.0         2.0         4.7         1.6         1.6         1.0         2.0         2.0         4.7         1.7         1.6         1.6         1.0         2.0         2.0         4.7         1.6         1.6         1.6         1.0         2.0         2.0         4.7         1.7         1.7         1.6         1.6         1.0 </td <th></th> <td>03.04.1996</td> <td>0,474</td> <td>0:030</td> <td>0.000</td> <td>0.0035</td> <td>259</td> <td>m</td> <td>0.0</td> <td>15.9</td> <td>23.6</td> <td>63.2</td> <td>16.8</td> <td>11.2</td> <td>3.2</td> <td>12.7</td> <td>227.0</td> <td>├-</td> <td>43.0</td> <td>4.7</td>		03.04.1996	0,474	0:030	0.000	0.0035	259	m	0.0	15.9	23.6	63.2	16.8	11.2	3.2	12.7	227.0	├-	43.0	4.7
02.07.1996         0.430         0.190         0.050         0.0120         183         15         0.0         30.2         100.5         66.1         20.0         4.1         14.7         262.7         15.1         20.0         15.1         20.0         10.0         22.5         25.9         77.2         23.1         190         4.7         16.1         20.0         1.1         4.0         18.0         1.0         0.0000         1.2         2.0         22.9         77.2         23.1         190         4.7         16.1         20.0         4.7         18.2         18.2         18.2         18.2         25.0         17.2         23.1         18.2         18.2         18.2         25.0         17.2         23.1         18.2         18.2         18.2         18.2         18.2         25.1         17.2         23.1         18.2         18.2         18.2         18.2         18.2         25.1         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2         18.2 <t< td=""><th>88</th><td>29.05.1996</td><td>0.340</td><td>0.100</td><td>2.960</td><td>0.0065</td><td>238</td><td>9</td><td>0.0</td><td>17.0</td><td>40.3</td><td>53.1</td><td>26.1</td><td>8.5</td><td>3.1</td><td>13.4</td><td>239.5</td><td>├-</td><td>28.7</td><td>6.2</td></t<>	88	29.05.1996	0.340	0.100	2.960	0.0065	238	9	0.0	17.0	40.3	53.1	26.1	8.5	3.1	13.4	239.5	├-	28.7	6.2
28 06 1986         0.360         0.270         1.90         0.0060         326         12         0.0         22.5         25.5         77.2         23.1         18.0         4.7         18.1         28.7         18.2         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5         18.5	8	02. 07. 1996	0.430	0.190	0.500	0.0120	183	15	0.0	30.2	100.5	58.1	28.6	20.0	4.1	<del></del>	262.7		51.9	6.2
30. 10. 1996   0.220   0.100   0.750   0.0050   128   6   0.00   0.110   3.1   5.4   1.2   1.2   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5   1.5	<del>в</del>	28 08. 1996	0.360	0.270	1.900	0:00:0	326	t2	0.0	22.5	25.9	.77.2	23.1	19.0	4.7	├	ļ	├	85.9	5.7
18. 12. 1996         0.460         0.190         0.110         0.0060         183         6         0.00         11.9         31.6         64.1         9.7         -         9.0         17.5         67.7         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5         17.5	8	30. 10. 1996	0.220	0.100	0.750	0:0020	208	9	0.0	23.0	32.7	56.1	12.8	18.5	3.4	10.8	193.0	┝	18.0	4.2
2. VARDAR - After Inflow of R. BABUNA         2. L. VARDAR - After Inflow of R. BABUNA         3. C.	ജ		0.460		0.110		183	9	0.0	11.9	31.6	\$	9.7			9.8	175.2	╁╾	19.8	3.1
25. 01. 1996         6 0.0         26.3         56.9         56.1         16.5         3.1         11.9         21.27         7.6         135.8           28. 01. 1996         0.470         0.016         0.000         0.000         186         3         0.0         28.0         45.1         48.1         15.8         19.5         5.2         10.4         18.5         18.0         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5         77.5			12. R. VARDA		W of R. BABU										1					
28. 02. 1996         0.470         0.015         0.000         0.0000         186         3         0.0         46.1         46.1         15.8         19.5         5.2         16.4         18.5         5.0         17.5         18.0         18.0         18.0         18.0         18.0         40.4         19.2         6.1         13.0         16.5         40.4         19.2         8.1         3.0         11.3         202.0         6.6         11.3         22.2         49.4         19.2         8.1         3.0         11.3         202.0         6.6         11.3         22.2         49.4         19.2         8.1         3.0         11.3         202.0         6.6         11.3         22.2         49.4         19.2         8.1         3.0         11.3         202.0         6.6         11.3         22.2         49.4         19.2         8.1         13.2         3.0         11.3         202.0         6.6         11.3         20.2         8.2         8.1         3.1         12.9         3.0         13.3         3.1         3.1         3.1         3.1         3.1         3.1         3.1         3.2         3.1         3.2         3.2         3.2         3.2         3.2	1	25.01.1996	0.738	0.015	0.000	0.0020	189	9	0.0	26.3	55.9	55.1	18.2	16.5	3.1	├	212.7	<u> </u>	35.8	4.3
02.04.1996         0.0295         0.030         0.023         0.0036         220         6         0.0         13.1         22.2         49.4         19.2         8.1         3.0         11.3         202.0         6.8         118.0         22.0         49.4         19.2         8.1         3.1         12.9         20.0         6.8         118.0         23.7         8.1         3.1         12.9         20.0         6.8         118.0         23.7         8.1         3.1         12.9         20.0         12.9         20.0         12.9         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         8.1         23.7         18.7         3.9         14.8         26.4         8.1         18.7         3.9         14.8         20.0         18.0         18.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.0         20.		28. 02. 1996	0.470	0.015	0.000	0.000.0	186	3	0.0	28.0	45.1	48.1	15.8	19.5	5.2		ļ	╂──	71.5	6.4
29. 05. 1996         0.410         0.100         1.620         0.0070         244         6         0.0         15.8         65.9         65.1         23.7         8.1         3.1         12.9         74         132.3           20.07. 1996         0.360         0.0125         208         12         0.0         26.2         89.0         68.1         23.1         1.87         3.9         14.8         26.5         8.8         157.3           20.07. 1996         0.390         0.020         0.0050         296         12         0.0         11.9         25.6         67.1         23.7         17.2         3.9         14.8         26.5         7.8         13.7         17.2         3.9         14.8         26.5         67.1         23.7         17.2         3.9         14.8         26.5         67.1         17.2         3.9         14.8         26.5         7.1         17.2         3.9         14.8         26.5         18.1         18.8         26.4         67.1         17.2         3.4         10.1         18.9         4.8         18.9         4.8         18.9         4.8         17.2         18.9         4.8         18.9         4.1         18.9         4.8         17		03. 04. 1996	0.295	0:030	0.023	0.0035	220	9	0.0	13.1	22.2	49.4	19.2	8.1	3.0	-			18.0	4.7
02. 07. 1996         0.360         0.220         0.960         0.0125         208         12         68.0         68.1         23.1         18.7         3.9         14.8         264.5         88         157.3           28 08. 1996         0.390         0.200         1.650         0.0050         296         12         0.0         19.9         25.6         67.1         17.2         3.9         14.8         264.5         7.8         17.2         3.9         14.8         264.5         7.8         17.2         3.9         17.2         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         19.9         6.1         11.9         25.9         54.1         10.9         16.8         3.4         10.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1         18.1	<u>ള</u>	29.06.1996	0.410	0.100	1.620	0.0070	244	9	0.0	15.8	26.9	53.1	23.7	8.1	3.1	<b></b> -	230.6	-	32.3	5.5
28 08. 1996         0.390         0.230         1.650         0.0050         296         12         0.0         25.6         67.1         23.7         17.2         3.9         14.8         264.5         7.8         139.4           30. 10. 1996         0.160         0.080         0.130         0.0050         180         6         0.0         21.4         25.9         54.1         10.9         16.8         3.4         10.1         180.5         5.3         94.7         10.1         18.8         2.9         54.1         10.9         16.8         3.4         10.9         16.8         3.4         10.9         16.8         3.4         10.9         16.8         54.1         9.1         10.9         16.8         25.9         54.1         9.1         10.9         10.0         10.9         10.0         11.9         29.8         54.1         9.1         10.1         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3         17.3	5	02. 07. 1996	0.360	0.220	0.960	0.0125	208	12	0.0	26.2	89.0	68.1	23.1	18.7	3.9	<b></b>	264.5		57.3	6.0
30. 10. 1996 0.160 0.080 0.130 0.0035 199 6 0.00 11.9 25.9 54.1 10.9 16.8 3.4 10.1 180.5 5.3 94.7 173.4 18.1 12. 1995 0.140 0.140 0.130 0.0050 180 3 0.0 11.9 19.1 12. 1995 0.140 0.140 0.140 0.150 0.0050 0.0050 180 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0.140 0	2	28 08. 1996	0.390	0.230	1.650	0:0050	296	12	0.0	19.9	25.6	67.1	23.7	17.2	3.9	-	264.5		39.4	7.0
18. 12. 1996         0.240         0.140         0.590         0.0050         180         180         11.9         29.8         54.1         9.1         -         9.7         173.4         6.3         172.6           A.3. R. VARDAR - v. NOGAEVCI           04. 04. 1996         0.591         0.000         0.0050         220         3         0.0         18.8         29.9         51.3         20.4         8.5         9.2         11.9         21.7         5.3         94.7           30. 05. 1996         0.500         0.005         241         0         0.0         21.4         46.7         63.1         18.8         12.6         3.3         13.2         23.9         9.7         11.8         11.8         12.6         3.3         11.8         11.8         12.6         3.3         11.8         11.8         12.6         3.3         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8         11.8	g	30, 10, 1996	0.160	0.080	0.130	0.0035	198	9	0.0	21.4	25.9	54.1	10.9	16.8	3.4		180.5		7.7	4.8
13. R. VARDAR - v. NOGAEVCI         220         22         18.8         29.9         51.3         20.4         8.5         9.2         11.9         212.7         5.3         94.7           0.520         0.070         1.670         0.0086         241         0         0.0         21.4         46.7         63.1         18.8         12.6         3.3         13.2         235.9         6.2         110.8           0.800         0.910         2.650         0.0540         247         0         0.0         75.7         90.3         100.2         21.3         22.2         4.9         18.9         337.8         7.0         125.1           0.110         0.680         0.210         0.0050         214         9         0.0         16.6         33.3         60.1         12.2         -         -         -         12.1         20.2         5.9         105.5	호					0:00:0	180	9	0.0	11.9	29.8	<u>7.72</u>	9.1			9.7	173.4	╀─	12.6	3.4
04. 04. 1996         0.591         0.630         0.000         0.0056         220         3         0.0         18.8         29.9         51.3         20.4         8.5         9.2         11.9         21.7         5.3         94.7           30. 05. 1996         0.620         0.070         1.670         0.0096         241         0         0.0         21.4         46.7         63.1         18.8         12.6         3.3         13.2         23.9         6.7         10.8           29. 08. 1996         0.800         0.910         2.650         0.0540         247         0         0.0         75.7         90.3         100.2         21.3         22.2         4.9         18.9         33.7.8         7.0         125.1           31. 10. 1996         0.110         0.680         0.210         0.0050         214         9         0.0         16.6         33.3         60.1         12.2         -         -         -         11.2         20.2         5.9         105.5         5.9         105.5												·		ļ.						
30. 05. 1996         0.620         0.070         1.670         0.0095         241         0         0.0         21.4         46.7         63.1         18.8         12.6         3.3         13.2         23.5         6.2         110.8           29. 08. 1996         0.800         0.910         2.650         0.0540         247         0         0.0         75.7         90.3         100.2         21.3         22.2         4.9         18.9         37.8         7.0         125.1           31. 10. 1996         0.110         0.680         0.210         0.0050         214         9         0.0         16.6         33.3         60.1         12.2         -         -         11.2         200.2         5.9         105.5	-	04. 04. 1996	0.591	0:030	0.000	0.0050	220	3	0.0	18.8	29.9	51.3	20.4	8.5	9.2	-	212.7	⊢	94.7	6.6
29. 08. 1996         0.800         0.910         2.650         0.0540         247         0         0.0         75.7         90.3         100.2         21.3         22.2         4.9         18.9         337.8         7.0         125.1           31. 10. 1996         0.110         0.680         0.210         0.0050         214         9         0.0         16.6         33.3         60.1         12.2         -         -         11.2         200.2         5.9         105.5	-4	30, 05, 1996	0.620	0.070	1.670	0.0095	241	0	0.0	21.4	46.7	63.1	18.8	12.6	3.3	ļ	235.9		10.8	7.0
31. 10. 1996 0.110 0.680 0.210 0.0050 214 9 0.0 16.6 33.3 60.1 12.2 11.2 200.2 5.9 105.5	- 1	29. 08. 1996	0.800	0.910	2.650	0.0540	247	0	0.0	75.7	90.3	100.2	21.3	22.2	4.9	6	337.8	┝╌	25.1	11.9
		31. 10. 1996	0.110	0.680	0.210	0.0050	214	6	0.0	16.6	33.3	60.1	12.2	•	,		200.2	Н	05.5	5.3

237.7 5.5 237.7 5.5 194.8 3.9 207.3 6.1 261.0 6.2 280.62 9.3 400.4 8.8 205.6 6.2 185.9 5.6	237.7 5.5 5 194.8 3.9 6 207.3 6.1 1 261.0 6.2 1 280.62 9.3 1 400.4 8.8 205.6 6.2 1 185.9 5.6 2	237.7 5.5 194.8 3.9 207.3 6.1 261.0 6.2 280.62 9.3 400.4 8.8 205.6 6.2 185.9 5.6 185.9 4.1	237.7 5.5 98.3 194.8 3.9 69.7 207.3 6.1 109.0 261.0 6.2 110.8 280.62 9.3 166.23 400.4 8.8 157.3 205.6 6.2 110.8 185.9 4.1 73.3 202.0 5.0 89.4 243.1 7.8 139.4	237.7 5.5 98.3 194.8 3.9 69.7 207.3 6.1 109.0 261.0 6.2 110.8 280.62 9.3 166.23 205.6 6.2 110.8 185.9 5.6 100.1 185.9 4.1 73.3 202.0 5.0 89.4 202.0 5.0 89.4 202.0 5.0 89.4 203.0 5.9 105.5 230.6 5.9 105.5	237.7 5.5 98.3 194.8 3.9 69.7 207.3 6.1 109.0 261.0 6.2 110.8 280.62 9.3 166.23 205.6 6.2 110.8 205.6 6.2 110.8 185.9 5.6 100.1 202.0 5.0 89.4 202.0 5.0 89.4 203.0 5.9 105.5 373.6 10.4 185.9	237.7 5.5 98.3 194.8 3.9 69.7 207.3 6.1 109.0 261.0 6.2 110.8 280.62 9.3 166.23 285.6 6.2 110.8 205.6 6.2 110.8 185.9 5.6 100.1 218.1 6.3 112.6 185.9 4.1 73.3 202.0 5.0 89.4 243.1 7.8 139.4 230.6 5.9 105.5 373.6 10.4 185.9	237.7 5.5 98.3 194.8 3.9 69.7 207.3 6.1 109.0 261.0 6.2 110.8 280.62 9.3 166.23 205.6 6.2 110.8 205.6 6.2 110.8 185.9 4.1 73.3 202.0 5.0 89.4 202.0 5.0 89.4 203.0 6.5 116.5 373.6 10.4 185.9 210.9 6.5 116.5 180.5 6.3 112.6	237.7 5.5 98.3 194.8 3.9 69.7 207.3 6.1 109.0 261.0 6.2 110.8 280.62 9.3 166.23 280.62 9.3 166.23 205.6 6.2 110.8 185.9 5.6 100.1 185.9 5.6 100.1 202.0 5.0 89.4 202.0 5.0 89.4 202.0 5.0 10.5 373.6 10.4 185.9 210.9 6.5 116.2 180.5 6.3 112.6	237.7 5.5 98.3 194.8 3.9 69.7 207.3 6.1 109.0 261.0 6.2 110.8 280.62 9.3 166.23 280.62 9.3 166.23 205.6 6.2 110.8 185.9 5.6 100.1 185.9 4.1 73.3 202.0 5.0 89.4 243.1 7.8 139.4 230.6 5.9 105.5 373.6 10.4 185.9 210.9 6.5 116.2 180.5 6.3 112.6 180.5 6.3 112.6 180.5 6.3 112.6	237.7 5.5 98.3 194.8 3.9 69.7 207.3 6.1 109.0 261.0 6.2 110.8 206.2 9.3 166.23 200.62 9.3 166.23 205.6 6.2 110.8 185.9 5.6 100.1 185.9 5.0 105.5 202.0 5.0 89.4 202.0 5.0 89.4 202.0 5.0 89.4 202.0 5.0 89.4 202.0 5.0 89.4 185.9 202.0 6.5 116.2 110.5 110.5 110.5 6.3 112.6 225.2 5.7 101.9 203.8 5.3 94.7 202.8 5.0 107.2 202.4 6.0 107.2	237.7 5.5 98.3 194.7 194.8 3.9 69.7 207.3 6.1 109.0 261.0 6.2 110.8 206.2 9.3 166.23 200.62 9.3 166.23 200.62 9.3 166.23 200.6 6.2 110.8 202.0 5.0 89.4 23.1 7.8 139.4 23.1 7.8 139.4 23.1 7.8 139.4 23.1 7.8 139.4 230.6 5.9 105.5 230.6 5.9 105.5 230.6 5.9 105.5 230.6 5.9 105.5 230.6 5.9 105.5 230.6 23.8 5.3 94.7 225.2 5.7 101.9 186.9 2.8 50.0 225.4 6.0 107.2 225.4 5.0 105.5 232.4 6.0 107.2 225.4 5.0 105.5 232.4 6.0 107.2 225.4 5.0 105.5 232.4 5.0 105.5 232.4 5.0 105.5 232.4 5.0 107.2 225.5 5.7 101.9 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 5.0 107.2 225.4 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      5.0         89.4           230.6         5.9         105.5           230.6         5.9         105.5           230.6         5.9         105.5           230.6         5.9         107.2           225.2         5.7         101.9           185.9         2.8         50.0           225.2         5.7         107.2           275.3         7.8         139.4           275.3         7.8         139.4           275.3         7.8         139.4           275.3         7.8         134.0           194.8         4.9         87.6	237.7 5.5 98.3 194.8 3.9 69.7 207.3 6.1 109.0 261.0 6.2 110.8 280.62 9.3 166.23 280.62 9.3 166.23 205.6 6.2 110.8 185.9 5.6 100.1 185.9 6.5 100.5 202.0 5.0 89.4 202.0 5.0 89.4 203.0 6.5 110.5 210.9 6.5 116.2 210.9 6.5 116.2 210.9 6.5 116.2 225.2 5.7 101.9 185.9 2.8 50.0 203.8 5.3 94.7 225.2 6.7 107.2 203.8 5.3 94.7 225.2 6.7 107.2 203.8 6.9 107.2 210.9 6.5 110.6 210.9 6.5 110.2 210.9 6.5 110.2	237.7 5.5 98.3 194.8 3.9 69.7 207.3 6.1 109.0 207.3 6.1 109.0 207.3 6.1 109.0 205.6 6.2 110.8 205.6 6.2 110.8 185.9 5.6 100.1 185.9 6.9 105.5 202.0 5.0 89.4 202.0 5.0 89.4 203.0 6.9 105.5 1185.9 105.5 130.6 6.9 105.5 130.5 6.3 112.6 185.9 2.8 50.0 203.8 5.3 94.7 225.2 5.7 101.9 185.9 2.8 50.0 203.8 5.3 94.7 232.4 6.0 107.2 275.3 7.8 139.4 311.0 6.3 112.6 194.8 4.9 87.6 193.0 6.0 107.2	237.7 5.5 98.3 194.8 3.9 69.7 207.3 6.1 109.0 207.3 6.1 109.0 207.3 6.1 109.0 200.62 9.3 166.23 200.62 9.3 166.23 200.62 9.3 166.23 200.6 6.2 110.8 200.5 6.0 100.1 200.5 6.3 112.6 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 200.0 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	26.01.1996         0.264         0.035         0.000         0.0070         208         3         0.0         20.5         58.9         61.1         15.8         15.6         4.2         12.2	26. 01. 1996         0.264         0.035         0.000         0.0070         208         3         0.0         20.5         58.9         61.1         15.8         15.6         4.2         12.2           29. 02. 1996         0.253         0.015         0.045         0.0000         208         3         0.0         23.4         48.1         15.2         20.0         6.3         10.4           0.5 An 1908         0.78         0.073         0.073         192         3         0.0         18.8         48.1         43.4         22.8         10.8         3.6         11.3	26. 01. 1996         0.264         0.035         0.000         0.0070         208         3         0.0         20.5         58.9         61.1         15.8         15.6         4.2         12.2           29. 02. 1996         0.253         0.015         0.045         0.0000         208         3         0.0         23.4         36.4         49.1         15.2         20.0         6.3         10.4           05. 04. 1996         0.128         0.030         0.035         192         3         0.0         18.8         48.1         43.4         22.8         10.8         3.6         11.3           31. 05. 1996         0.330         0.330         1.410         0.0096         21.1         0         0.0         21.4         81.3         63.1         20.7         13.7         4.0         13.6	26. 01. 1996         0.264         0.035         0.000         0.0070         208         3         0.0         50.5         58.9         61.1         15.8         15.6         4.2         12.2           29. 02. 1966         0.253         0.015         0.0005         208         3         0.0         23.4         36.4         49.1         15.2         20.0         6.3         10.4           05. 04. 1996         0.128         0.030         0.0035         192         3         0.0         18.8         48.1         43.4         22.8         10.8         11.3           31. 05. 1996         0.330         0.4410         0.0035         211         0         0.0         21.4         81.3         63.1         20.7         13.7         4.0         13.6           31. 05. 1996         0.000         0.050         229         9         0.0         25.4         42.9         54.1         23.1         17.5         4.7         12.9           03. 07. 1996         0.000         0.050         229         9         0.0         25.4         42.9         54.1         23.1         17.5         4.7         12.9	26. 01. 1996         0.264         0.035         0.000         0.0070         208         3         0.0         20.5         68.9         61.1         15.8         15.6         4.2         12.2           29. 02. 1996         0.253         0.015         0.0005         208         3         0.0         23.4         36.4         49.1         15.2         20.0         6.3         10.4           05. 04. 1996         0.128         0.030         0.0035         192         3         0.0         18.8         48.1         43.4         22.8         10.8         11.3           31. 05. 1996         0.330         0.030         0.0095         211         0         0         21.4         81.3         63.1         20.7         13.7         4.0         13.6           03. 07. 1996         0.000         0.040         229         9         0.0         25.4         42.9         54.1         23.1         17.5         4.7         12.9           03. 08. 1996         0.070         0.0440         287         15         0.0         24.4         138.6         106.2         26.1         21.0         5.7         20.9	26. 01. 1996         0.264         0.035         0.000         0.0070         208         3         0.0         56.9         61.1         15.8         15.6         4.2         12.2           29. 02. 1966         0.253         0.015         0.0045         0.0000         208         3         0.0         23.4         36.4         49.1         15.2         20.0         6.3         10.4           05. 04. 1996         0.128         0.03         0.0035         192         3         0.0         18.8         48.1         43.4         22.8         10.8         10.4           31. 05. 1996         0.128         0.03         0.1410         0.0095         21.1         0         0         21.4         81.3         63.1         20.7         13.7         4.0         13.6           30. 06. 1796         0.000         0.0400         229         9         0.0         25.4         42.9         54.1         17.5         4.7         12.9           30. 08. 1796         0.000         0.040         287         15         0.0         24.4         138.6         106.2         26.1         17.5         4.7         12.9           01. 11. 1996         0.100         0.040	26. 01 1996         0.264         0.035         0.000         0.0070         208         3         0.0         20.5         68.9         61.1         15.8         15.6         4.2         12.2           29. 02. 1986         0.253         0.015         0.0045         0.0000         208         3         0.0         23.4         36.4         49.1         15.2         20.0         6.3         10.4           05. 04. 1936         0.128         0.003         0.0035         192         3         0.0         18.8         48.1         48.1         43.4         22.8         10.8         11.3           05. 04. 1936         0.128         0.033         0.0055         211         0         0.0         21.4         81.3         63.1         22.8         10.8         11.3           03. 07. 1936         0.000         0.030         0.0460         229         9         0.0         25.4         42.9         54.1         17.5         4.7         12.9           03. 08. 1936         0.000         0.040         229         3         0.0         24.4         138.6         106.2         26.1         27.0         5.7         20.9         11.8           19. 12. 1936	26. 01. 1996         0.264         0.035         0.000         0.0070         208         3         0.0         56.9         61.1         15.8         15.6         4.2         12.2           29. 02. 1996         0.263         0.015         0.009         208         3         0.0         23.4         36.4         49.1         15.2         20.0         6.3         10.4           05. 04. 1996         0.128         0.035         192         3         0.0         18.8         48.1         48.1         15.2         20.0         6.3         10.4           05. 04. 1996         0.128         0.030         0.0095         21.1         0         0         21.4         81.3         63.1         20.7         13.7         4.0         13.6           13. 05. 1996         0.000         0.020         0.0450         229         9         0.0         24.4         138.6         10.5         2.7         13.7         4.0         13.6           10. 11. 1996         0.000         0.140         0.850         0.0140         222         3         0.0         18.2         39.1         60.1         14.6          11.8           10. 11. 1996         0.060         <	26. 01. 1996         0.264         0.035         0.000         0.0070         208         3         0.0         20.5         58.9         61.1         15.8         15.6         4.2         12.2           29. 02. 1996         0.253         0.015         0.0045         0.0000         208         3         0.0         18.8         48.1         48.1         15.2         20.0         6.3         10.4           05. 04. 1996         0.128         0.030         0.023         0.0035         211         0         0         21.4         48.1         48.1         48.1         16.2         20.0         6.3         10.4           13. 05. 1996         0.030         0.030         0.0440         229         9         0.0         21.4         42.9         54.1         23.1         17.5         4.7         12.9           0.0         0.11. 1996         0.070         0.040         2.2         3         0.0         24.4         138.6         10.5         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1         1.1	26. 01. 1996         0.264         0.035         0.000         0.0070         208         3         0.0         23.4         36.4         61.1         15.8         15.6         4.2         12.7           29. 02. 1996         0.253         0.015         0.0045         0.0006         206         3         0.0         23.4         36.4         46.1         15.2         20.0         6.3         10.4           06. 04. 1996         0.128         0.033         0.0035         1470         0.0096         21.4         6.1         48.1         43.4         22.8         10.8         13.7         4.0         13.7         4.0         13.6         13.4         40.1         15.2         20.0         6.3         10.0         21.4         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         49.1         13.7         4.0         13.6         13.6         13.6         13.6         13.7         4.0         13.6         13.6         13.6         13.6         13.6         13.6         13.6         13.6         13.6         13.6         13.6         13.6         13.6         13.6         13.6         13.6         13.6         13.6	26. 01. 1996         0.264         0.035         0.000         0.0070         208         3         0.0         20.5         58.9         61.1         15.8         15.6         4.2         12.2           29. 02. 1996         0.253         0.015         0.0000         208         3         0.0         23.4         36.4         49.1         15.2         20.0         6.3         10.4           06. 04. 1996         0.128         0.003         0.0035         1470         0.0095         21.1         0         0         21.4         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1 </td <td>26, 01, 1986         0.054         0.055         0.000         0.0070         208         3         0.0         20.5         58.9         61.1         15.8         15.5         4.2         12.2           28, 02, 1966         0.253         0.015         0.0000         208         3         0.0         23.4         36.4         49.1         15.2         20.0         6.3         10.4           06, 04, 1996         0.253         0.0025         192         3         0.0         18.8         48.1         43.4         22.8         10.8         11.3           31, 05, 1996         0.030         0.030         0.0440         229         9         0.0         24.4         43.9         64.1         7.5         47         12.9           0.00         1.280         0.070         0.0440         222         9         0.0         24.4         43.6         60.7         7.7         47         12.9           0.00         1.045         0.050         0.0440         222         3         0.0         24.4         43.6         47         17.5         47         17.8           0.01         1.956         0.050         0.0440         232         3         0.0</td> <td>26. 01. 1996         0.264         0.035         0.000         0.0070         208         3         0.0         23.4         36.4         415         15.8         15.6         4.2         12.7           22. 02. 1986         0.253         0.015         0.045         0.0000         208         3         0.0         18.4         48.1         15.2         2.0         6.3         10.4           31. 05. 1986         0.128         0.015         0.005         21.1         0         21.4         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1<td>  25. Ct. 1996   0.284   0.035   0.000   0.0070   208   3   0.0   23.4   36.4   49.1   15.8   15.6   4.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2  </td><td>26. 0.1 1996         0.264         0.025         0.000         0.0700         208         3         0.0         204         66.9         61.1         15.8         15.6         4.2         12.2           26. 0.2 1966         0.023         0.0000         208         3         0.0         234         36.4         46.1         15.2         20.0         6.3         10.4           06. 04. 1996         0.023         0.0005         214         8         41.3         43.4         228         10.8         4.0         11.3         6.0           03. 0. 10. 10. 10. 10. 10. 10. 10. 10. 10.</td><td>26. 0.1 596         0.264         0.035         0.000         0.000         2.08         3         0.0         2.05         56.9         61.1         15.6         15.6         4.2         12.7           26. 0.1 596         0.025         0.005         0.005         0.005         0.005         2.04         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1<!--</td--></td></td>	26, 01, 1986         0.054         0.055         0.000         0.0070         208         3         0.0         20.5         58.9         61.1         15.8         15.5         4.2         12.2           28, 02, 1966         0.253         0.015         0.0000         208         3         0.0         23.4         36.4         49.1         15.2         20.0         6.3         10.4           06, 04, 1996         0.253         0.0025         192         3         0.0         18.8         48.1         43.4         22.8         10.8         11.3           31, 05, 1996         0.030         0.030         0.0440         229         9         0.0         24.4         43.9         64.1         7.5         47         12.9           0.00         1.280         0.070         0.0440         222         9         0.0         24.4         43.6         60.7         7.7         47         12.9           0.00         1.045         0.050         0.0440         222         3         0.0         24.4         43.6         47         17.5         47         17.8           0.01         1.956         0.050         0.0440         232         3         0.0	26. 01. 1996         0.264         0.035         0.000         0.0070         208         3         0.0         23.4         36.4         415         15.8         15.6         4.2         12.7           22. 02. 1986         0.253         0.015         0.045         0.0000         208         3         0.0         18.4         48.1         15.2         2.0         6.3         10.4           31. 05. 1986         0.128         0.015         0.005         21.1         0         21.4         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1 <td>  25. Ct. 1996   0.284   0.035   0.000   0.0070   208   3   0.0   23.4   36.4   49.1   15.8   15.6   4.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2  </td> <td>26. 0.1 1996         0.264         0.025         0.000         0.0700         208         3         0.0         204         66.9         61.1         15.8         15.6         4.2         12.2           26. 0.2 1966         0.023         0.0000         208         3         0.0         234         36.4         46.1         15.2         20.0         6.3         10.4           06. 04. 1996         0.023         0.0005         214         8         41.3         43.4         228         10.8         4.0         11.3         6.0           03. 0. 10. 10. 10. 10. 10. 10. 10. 10. 10.</td> <td>26. 0.1 596         0.264         0.035         0.000         0.000         2.08         3         0.0         2.05         56.9         61.1         15.6         15.6         4.2         12.7           26. 0.1 596         0.025         0.005         0.005         0.005         0.005         2.04         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1<!--</td--></td>	25. Ct. 1996   0.284   0.035   0.000   0.0070   208   3   0.0   23.4   36.4   49.1   15.8   15.6   4.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2   12.2	26. 0.1 1996         0.264         0.025         0.000         0.0700         208         3         0.0         204         66.9         61.1         15.8         15.6         4.2         12.2           26. 0.2 1966         0.023         0.0000         208         3         0.0         234         36.4         46.1         15.2         20.0         6.3         10.4           06. 04. 1996         0.023         0.0005         214         8         41.3         43.4         228         10.8         4.0         11.3         6.0           03. 0. 10. 10. 10. 10. 10. 10. 10. 10. 10.	26. 0.1 596         0.264         0.035         0.000         0.000         2.08         3         0.0         2.05         56.9         61.1         15.6         15.6         4.2         12.7           26. 0.1 596         0.025         0.005         0.005         0.005         0.005         2.04         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1         48.1 </td

the final might in the first of the first	Г	Date		Biogenic	Biogenic elements					Anions	and cations							Hardness	SS	
Part	ď	ā	Ammonia	Nitrites	Nitrates	Phosphates	Bicarbon	Carbon	Hydrox	Chlorides	Sulfator	1	Magnes	Sodium	Potassium	Tot	[6	Carbon	Г	n-carbonate
Mathematical No. 1979   Math	- <del></del>	sampling	N I/Bm	N I/Bm	N I/6m	mg/lPO,3	mg/IHCO <sub>3</sub>	mg/iCO <sub>3</sub> 2-	mg/l OH	mg/l Cf	mg/I SO,2	mg/Ca <sup>2+</sup>	mg/l Mg <sup>2+</sup>	mg/l Na	mg/l K*	HP	Įδω	-	_	H <sub>0</sub>
California   Cal	ļ.		36		ౙ	36	9	41	42	43	44	45	46	47	48	<b>₽</b>	20	51	52	ß
1. Columb   1. C			23 a. R. LIPKC		DINJE		1												<u> </u>	
1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10, 1,10	160	26. 03. 1996	0.043	0.030	0.045	0.0050	265	0	0:0	19.6	30.8	59.2	22.8	9.7	3.2	13.5	241.3		132.3	6.1
20.00.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	161	_	0.120	0.180	3.250	0.0035	204	6	0.0	22.9	31.4	42.1	24.3	8.8	3.0		205.6	┢	103.7	5.7
1.   1.   1.   1.   1.   1.   1.   1.	62		0.430	0.050	4.940	0.0000	217	9	0.0	18.5	34.8	45.1	22.5	14.1	3.9	<del>-</del>	205.6	5.3	94.7	6.2
The Name Of	63	22. 10. 1996	0.200	0.040	3.520	0.0010	183	တ	0.0	15.8	9.68	60.1	21.3	12.6	3.8	13.3	237.7	_	155.5	4.6
20.00   19.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00			24. R. KUMAN	IOVSKA - v. [	OBROSANE				-									·		
1, 10, 1196   1, 10, 10, 10, 1, 1, 10, 1, 10, 10, 10,	26	ļ	3.691	0.120	0.045	0,0100	345	12	0.0	27.0	43.2	79.0	32.3	17.5	5.3	18.5	330.7	<b> </b>	143.0	10.5
22.00.8196  1200   0.1401   1.1420   0.0040   320   112   0.00   0.204   320   112   0.004   0.004   320   112   0.004   0.004   320   112   0.004   0.004   320   112   0.004   320   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004   0.004	33		9.500	3.650	1.850	0.0055	449	0	0.0	45.5	46.1	62.1	59.6	27.0	6.7	22.4	400.4	╆	325.3	4.2
2.10   1999   0.6590   0.6590   0.6590   1.090   0.014   293   1.5   0.00   1.65   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0   2.0	98		1.200	0.410	1.420	0.0040	320	12	0.0	40.6	98.8	89.2	29.2	35.5	9.2	19.2	343.2	+-	205.6	7.7
2. R. BIRGOLLINICA - v. BLÜNIARG.         3.0         1.5         3.0         1.5         1.4         6.1         1.4         6.1         1.6         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5 <t< td=""><td>19</td><td>22. 10. 1996</td><td>0.650</td><td>0.220</td><td>1.080</td><td>0.014</td><td>293</td><td>15</td><td>0.0</td><td>29.3</td><td>95.1</td><td>84.2</td><td>28.0</td><td>25.8</td><td>9.1</td><td>18.2</td><td>325.3</td><td>╀┈</td><td>235.9</td><td>5.0</td></t<>	19	22. 10. 1996	0.650	0.220	1.080	0.014	293	15	0.0	29.3	95.1	84.2	28.0	25.8	9.1	18.2	325.3	╀┈	235.9	5.0
27. 06.1589         0.447         0.070         0.046         0.0700         68         0         0.05         6.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05         1.05			29. R. BREGA	LNICA v. BI	JDINARCI					1									-	
2.10 Gisse         0.180         0.180         0.180         0.180         0.180         0.180         0.000         81         3         0.00         15.4         35.2         3.4         1.5         3.5         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05         0.05	8	ļ	0.427	0.010	0.045	0.0100	88	0	0.0	15.5	30.5	17.8	14.4	8.1	3.2	5.8	103.7	2.7	48.3	3.1
2.1 04 1986   0.580   0.180   0.120   0.0000   121   6   0.0   9.5   45.5   31.1   15.2   11.5   4.0   17.8   138.4   1.8   22.2   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8   1.8	98	-	0.180	0.180	0.710	0.0040	81	3	0.0	17.4	35.9	26.1	9.7	7.5	3.1	5.9	105.5	9.0	10.7	5.3
3.1 N. BRECALNICA - v. Cor Pale   0.000   0.140   0.0056   79   5   0.00   0.150   0.000   0.140   0.0056   79   5   0.00   0.150   0.000   0.150   0.0000   0.150   0.0000   0.150   0.0000   0.150   0.0000   0.150   0.0000   0.150   0.0000   0.150   0.150   0.0000   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0.150   0	87	21.08.1996	0.560	0.190	1.210	0600.0	123	9	0.0	18.5	52.3	31.1	15.2	15.2	6.1	7.8	139.4	1.8	32.2	6.0
30. R. BREGALNICA - v. COP PALE           30. R. BREGALNICA - v. COP PALE         30. R. BREGALNICA - v. COP PALE         30. R. BREGALNICA - v. COP PALE         30. R. BREGALNICA - v. COP PALE         30. R. BREGALNICA - v. COP PALE         30. R. BREGALNICA - v. COP PALE         30. R. BREGALNICA - v. COP PALE         30. R. BREGALNICA - v. COP PALE         30. R. B. B. S.	8	23. 10. 1996	0.210	0:030	0.140	0.0055	79	9	0.0	9.5	43.5	24.0	8.5	11.5	4.3	5.3	94.7	=	19.7	4.2
27. 03. 1996         0.020         0.0445         0.0500         150         9         0.0         131         35.2         33.6         16.8         12.2         36         16.8         15.9         14.7         25.0           23. 06. 1986         0.130         0.100         0.0040         159         3         0.0         22.6         41.0         14.6         11.5         4.0         9.5         15.9         3         4.7         14.8         14.8         2.5         14.1         25.0         44.7         14.6         11.5         4.0         9.5         15.1         9.5         15.1         9.5         15.1         14.8         2.5         15.1         14.0         17.0         14.8         15.2         4.0         17.2         44.1         14.6         11.5         4.0         9.5         15.1         15.2         14.1         15.2         4.0         15.2         14.1         12.8         15.2         14.1         15.0         17.2         14.1         15.0         17.2         14.1         15.0         14.1         15.0         14.1         15.0         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1<			30. R. BREGA	LNICA - v. O.	JI PALE															
2. 05. 1996         0.150         0.130         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.030         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000	8	-	0.357	0.020	0.045	0:00:0	150	6	0.0	13.1	35.2	33.6	16.8	12.2	3.6	8.6	153.7	1.4	25.0	6.8
21 08 1989         0.320         0.280         0.730         0.040         195         24         0.01         60.1         22.7         7.2         14.8         56.1         51.9         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.1         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2         15.2	91	23. 05. 1996	0.150	0.130	1.000	0.0040	159	3	0.0	22.6	41.0	44.1	14.6	11.5	4.0	9.5	159.8	2.5	44.7	7.0
2.1. 0.1996         0.140         0.040         0.220         0.0660         82         15         0.0         44.1         12.8         26.2         5.7         9.7         152.7         5.2         92.9           2.1.0.1996         0.140         0.045         0.0060         137         0.0         22.1         4.2         38.5         14.4         11.5         3.9         8.4         1.0         1.0           2.0.0.1986         0.0150         0.0100         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000 <td< td=""><td>92</td><td>21. 08. 1996</td><td>0.320</td><td>0.260</td><td>0.730</td><td>0.0040</td><td>195</td><td>24</td><td>0.0</td><td>19.9</td><td>102.1</td><td>60.1</td><td>28.0</td><td>22.7</td><td>7.2</td><td>14.8</td><td>264.5</td><td>┼</td><td>151.9</td><td>6.3</td></td<>	92	21. 08. 1996	0.320	0.260	0.730	0.0040	195	24	0.0	19.9	102.1	60.1	28.0	22.7	7.2	14.8	264.5	┼	151.9	6.3
31.a Acumulation 'KALIMANCI' - Dam	93	23, 10, 1996	0.140	0.040	0.220	0.0060	82	15	0.0	39.6	84.5	1.4	12.8	26.2	5.7	9.1	152.7	5.2	92.9	3.9
27. 03. 1996         0.152         0.010         0.045         0.070         137         0         0         22.1         42.9         36.5         14.4         11.5         3.9         8.4         150.1         0.1         1.8           23. 05. 1996         0.040         0.100         0.000         0.000         0.000         23.3         40.3         33.1         11.6         8.1         3.0         7.3         13.1         7.3         13.2         41.1         7.3         13.1         13.2         14.5         13.2         41.1         7.3         14.1         13.2         14.1         13.0         7.3         13.1         13.2         11.5         4.0         7.3         14.1         13.2         11.5         4.0         7.3         14.1         7.3         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2         14.2 <td< td=""><td></td><td>l i</td><td>31.a Acumulat</td><td>tion 'KALIMAI</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>		l i	31.a Acumulat	tion 'KALIMAI																
23. 05. 1996         0.040         0.100         0.0700         43         30         0.03         23.3         40.3         33.1         11.6         8.1         30         7.3         130.2         23.4         41.1         30         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.4         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         4.0         9.7         41.1         7.3         41.1         4.0         9.7         4.1         7.3         41.1         4.0         9.7         4.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         7.3         41.1         41.1         7.3         41.1         41.1	8	27. 03. 1996	0.152	0.010	0.045	0.0070	137	0	0.0	22.1	42.9	36.5	14.4	11.5	3.9	8.4	150.1	0.1	1.8	8.3
21. 08. 1996         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000         0.000	95	23. 05. 1996	0.040	0.100	0.100	0.0070	43	8	0.0	23.3	40.3	33.1	11.6	8.1	3.0	7.3	130.5	2.3	41.1	5.0
23. 10. 1996         0.000         0.000         0.0050         101         0.0         0.0         12.7         68.5         36.1         10.3         12.2         4.1         7.4         13.2         1.2         21.5           31. R. BREGALNICA - Downflow from acum." " KALIMANCI"           27.03.1996         0.152         0.020         0.045         0.0050         150         0.0         16.3         47.3         38.5         13.8         11.5         4.0         8.7         14.8         1.5         2.8         1.8         2.2         1.8         1.2         9.7         3.4         8.1         14.8         1.5         2.8         2.8         1.2         9.7         3.4         8.7         1.8         1.2         9.7         3.4         8.7         1.8         1.5         2.8         8.8         1.8         1.2         9.7         3.4         8.7         1.8         9.7         3.4         8.7         1.8         1.5         2.8         1.8         8.7         1.8         1.5         2.8         1.8         1.8         1.2         1.8         1.5         1.8         1.8         1.2         1.8         1.8         1.8         1.8         1.8	96	21. 08. 1996	0.000	0.000	0.000	0.000	25	18	0.0	45.2	71.9	39.1	18.2	11.5	4.0	9.7	173.4	4.1	73.3	5.6
31. R. BREGALNICA - Downflow from acum. " KALIMANC!"           27. 03. 1996         0.152         0.020         0.045         0.050         150         0.0         16.3         47.3         38.5         13.8         11.5         4.0         8.7         155.5         1.8         3.2.2           23. 05. 1996         0.152         0.020         0.045         0.0060         175         3         0.0         19.4         57.0         38.1         12.2         9.7         3.4         8.1         14.8         1.5         25.8           23. 05. 1996         0.000         0.010         0.000         0.000         113         0         0.0         12.2         60.7         34.2         15.8         9.5         3.4         14.9         17.6         9.5         14.9         17.6         4.5         16.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         17.8         <	97		0.000	0.000	0.070	1	101	0	0.0	12.7	68.5	36.1	10.3	12.2	4.1	├	132.3	┢	21.5	6.2
27. 03. 1996         0.152         0.020         0.045         0.0050         150         0.0         16.3         47.3         38.5         13.8         11.5         4.0         8.7         15.5         1.8         32.2         1.8         1.5         4.0         8.0         1.8         47.3         38.1         1.2         9.7         3.4         8.1         14.8         1.5         1.8         9.5         3.4         8.1         14.8         1.5         1.8         8.2         1.8         9.5         3.4         8.1         14.8         1.5         1.8         8.0         9.5         3.4         8.1         14.8         1.5         1.8         8.0         9.5         3.4         8.0         1.4         8.0         1.2         60.7         34.2         15.8         9.5         3.4         8.0         1.4         8.0         1.4         1.2         60.7         34.2         15.8         1.3         0.0         1.3         0.0         1.3         0.0         1.3         1.3         1.4         1.5         1.4         1.5         1.4         1.5         1.4         1.5         1.4         1.5         1.4         1.5         1.4         1.4         1.5		1	31. R. BREGA	LNICA - Dow	nflow from acut		<u>.</u>													
23. 05. 1996         0.130         0.100         1.030         0.0040         107         3         0.0         19.4         57.0         38.1         12.2         9.7         3.4         1.4         1.5         2.6.8         9.7         3.4         1.2         9.7         3.4         1.2         9.7         3.4         1.5         1.4         1.5         2.6.8         9.7         3.4         1.5         1.4         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5         1.5<	8	27. 03. 1996	0.152	0.020	0.045	0:00:0	150	0	0.0	16.3	47.3	39.5	13.8	11.5	4.0		155.5	1.8	32.2	6.9
21.08.1996         0.000         0.010         0.750         0.020         125         0.0         0.0         13.4         16.7         34.2         15.8         9.5         3.2         8.4         150.1         4.9         87.6         9.5           23.10.1996         0.000         0.000         0.0050         113         0         0.0         13.1         63.4         35.1         13.4         10.5         3.4         80.4         45.6         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         80.4         4.5         4.5         80.4         4.5         4.5         4.5         4.5	99	23.05.1996	0.130	0.100	1.030	0.0040	107	3	0.0	19.4	57.0	8. 1-	12.2	9.7	3.4	<del> </del>	144.8	├-	26.8	6.6
23. 10. 1996         0.000         0.000         0.0360         0.0360         0.131         0.0         0.0         13.1         63.4         35.1         13.4         10.5         3.4         8.0         143.0         4.5         80.4         80.4         80.7         13.4         10.5         3.4         80.7         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0         13.0	200	21. 08. 1996	0.000	0.010	092'0	0.0020	125	0	0.0	12.2	60.7	34.2	15.8	9.5	3.2	8.4	150.1	┝-	87.6	3.5
22. REVA BREGALNICA - s. KRUPISTE           28. 03. 1996         0.591         0.130         0.050         0.0110         156         3         0.0         18.8         51.2         41.5         16.2         12.6         4.6         9.5         16.9         3.0         52.0         103.1         52.1         23.7         17.5         4.9         12.7         227.0         4.6         82.2         22.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0         10.0 <th< td=""><td>101</td><td>23. 10. 1996</td><td>0.000</td><td>0.000</td><td>0.300</td><td>0.0050</td><td>113</td><td>0</td><td>0.0</td><td>13.1</td><td>63.4</td><td>35.1</td><td>13.4</td><td>10.5</td><td>3.4</td><td>┢</td><td>143.0</td><td>-</td><td>80.4</td><td>3.5</td></th<>	101	23. 10. 1996	0.000	0.000	0.300	0.0050	113	0	0.0	13.1	63.4	35.1	13.4	10.5	3.4	┢	143.0	-	80.4	3.5
28. 03. 1996         0.591         0.130         0.0560         0.0110         156         3         0.0         18.8         51.2         41.5         16.2         16.2         4.6         9.5         16.98         3.0         53.6           22. 05. 1996         0.150         0.140         0.730         0.0040         168         3         0.0         22.6         103.1         52.1         23.7         17.5         4.9         17.5         4.9         12.7         27.0         4.6         82.2         82.2         82.1         82.1         31.0         29.0         7.0         13.0         232.4         8.7         11.8         42.1         31.0         29.0         7.0         13.0         13.8         87.6         11.8         87.1         16.4         20.0         5.4         10.8         19.8         87.6         87.8         87.6         87.1         16.4         20.0         5.4         10.8         19.2         49.8         87.6         87.6         87.1         16.4         20.0         5.4         10.8         19.3         49.8         87.6         87.6         87.1         10.8         87.6         10.8         87.6         87.1         87.1         10.0		ŀ		٠								_								
22. 05. 1996         0.150         0.140         0.730         0.0040         168         3         0.0         22.6         103.1         52.1         23.7         17.5         4.9         12.7         27.0         4.6         82.2         82.2           21. 08. 1996         0.040         0.010         0.310         0.0020         241         9         0.0         19.2         71.9         42.1         31.0         29.0         7.0         13.0         232.4         6.7         119.8           23. 10. 1996         0.200         0.050         0.0050         227         6         0.0         13.5         57.1         50.1         16.4         20.0         5.4         10.8         19.3         4.9         87.6	02	28. 03. 1996	0.591	0.130	0.050	0,0110	156	3	0.0	18.8	51.2	41.5	16.2	12.6	4.6	-	169.8	3.0	53.6	6.5
21.08.1996         0.040         0.010         0.310         0.0020         241         9         0.0         19.2         71.9         42.1         31.0         29.0         7.0         13.8         119.8           23.10.1996         0.200         0.050         0.080         227         6         0.0         13.5         57.1         50.1         16.4         20.0         5.4         10.8         193.0         4.9         87.5	93	22. 05. 1996	0.150	0.140	0.730	0.0040	168	က	0.0	22.6	103.1	52.1	23.7	17.5	4.9	├	227.0	4,6	82.2	8.1
23.10.1996 0.200 0.050 0.280 0.0050 227 6 0.0 13.5 57.1 50.1 16.4 20.0 5.4 10.8 193.0 4.9 87.6 5	8	21, 08, 1996	0.040	0.010	0.310	0.0020	241	თ	0.0	19.2	71.9	42.1	31.0	29.0	7.0	<b></b> -	232.4	╁╴	119.8	6.3
	ष्ठ	23, 10, 1996	0.200	0.050	0.280	0:0020	227	9	0:0	13.5	57.1	50.1	16.4	20.0	5.4	-	193.0	6.4	87.6	5.9

		!												-			Unadahari		_
_	Date		Biogenic	Biogenic elements					Anions	Anions and cations							Sallules		1
<u> </u>	*	Ammonia	Nitritos	Nitrates	Phosphates	Bicarbon.	Carbon.	Hydrox.	Chlorides	Sulfates	Calcium	Magnes.	Sodium	Potassium	Total		Carbonate		Non-carbonate
<u> </u>	o o	N lbom	Ma/l N	Ngu	mg/iPO,3	mg/IHCO <sub>3</sub>	mg/ICO <sub>3</sub> 2:	mg/l OH.	mg/I Cl	mg/i SO,2-	mg/Ca2*	mg/I Mg²	mg/! Na	mg/l K	HP.	, ga	dH m	mg/l	HP.
١,	Gundinoe	36	27	86	36	40	41	42	€\$	4	\$\$	94	47	<b>8</b>	67	50	51 5	52	33
_	0	200	5	3	*														
		33. REKA BR	33. REKA BREGALNICA - S. SUFILARI ( Pod STIP )	: SUFILAR! ()	od STIP)									ļ	ł	L	ŀ		Ţ
300	28 03 1996	1.030	0.170	060'0	0.0105	153	3	0.0	21.6	55.6	42.4	16.2	14.5	5.1	9.7	173.4	4.2 7.		5.5
			0000	0440	50000	226	ď	00	222	103.7	65.1	26.1	21.5	5.5	15.1	270.0	6.7 11	19.8	8.4
ì	77. 05. 1886	0.220	0.000	2	0.0000	777	<u></u>	3		1		25	200	40	c g	3 000	3,0	480 p	87
208	22, 08, 1996	0.470	0.030	1.020	0.0062	278	6	0.0	22.5	98.8	58.1	23.2	S.5.5	0.0	-+	_	┪	1	
200	24.10.1996	0.460	0.050	0.120	0.0050	195	9	0.0	26.1	65.4	55.1	17.0	23.5	6.4	11.6	207.3	5.4	96.5	6.2
		-1	34 REKA BREGALNICA - S. UBOGO	. UBOGO															
976	9000		0000	1 520	0 0430	308	24	0.0	24.7	91.6	79.2	32.8	31.0	6.8	18.6	332.5	9.6	171.6	0.6
2	210 29.00.1990		25.5		0.0150	3		2									$\left\{ \right.$		

Table IV //

## RESULTS OF SURFACE WATER QUALITY ANALYSIS IN REPUBLIC OF MACEDONIA FOR YEAR 1996

	Date				Toxic and h	Toxic and hazardous heavy metals	avy metals				Total beta	Micro	Microbiological properties	Biological properties	irties
No.	5	iron	Manganes	PEOT	Zinc	Cadmium	Chromium		Sulfides	1	radioactivity	Est	Identification	Grade of saprobiological	Index of
	samples	mg/I Fe	mg/I Mtn	mg/I Pb	mg/l Zn	mg/I Cd	mg/I Cr+6	Vk. mg/l	mg/1H <sub>2</sub> S	mg/1HS	Bq/I	count of Coliforms		or biological production.	saprob. prod.
-	3	54	35	96	25	58	29	89	ß	0/	71	75	76	78	6/
		01. River VARDAR		<ul> <li>village VRUTOK (intake point</li> </ul>	ITOK (Inta	ke point)									
24	22.01.1996	0.024	0:00	0000	0.004	00000	0.0000	0.000	0.000	0.000	•	•		•	-
25	01.04.1996	0.011	0.000	0.000	0.008	0.0000	0.0000	0.000	0.000	0.000	3	0	Not classified	•	
56	27.05.1996	0.098	0.000	0.000	0.002	0.000	0.0017	0.000	0.000	0.000	1	0.	Not classified	•	•
27	26.08.1996	0.035	0:000	0.000	0.007	0:0000	0.0000	0.000	0.000	0.000		8	E.coli	•	
28	28.10.1996	0.015	0:000	•	•			0.000	0.000	0.000		9	E.coli	•	
		02. R. VA	02. R. VARDAR - v. BALIN DOL	BALIN DOL											
29	22.01.1996		000.0	0.000	0.005	0.0000	0.0017	0.000	0.000	0.000	,				,
	01.04.1996		0.000	0.000	0:008	0.0017	0.0000	0.000	0000	0000		240,000	E.coii ; Sulfure Clostridum	В-тегоѕар.	1.91
31	27.05.1996		0.003	600:0	0.007	0.0000	0.0017	0.000	0.000	0.000	,	2,400,000	E.coff : B. Proteus ; Suif. Clo.;	β-α mezosap.	2.46
32	26.08.1996	٠	0.000	0.000	0.004	0.0000	0.0000	0.000	0.000	0.000		2,400,000	E.coli ; B. Proteus ; Suif. Clo.;	3-mezosap.	2.28
. 33	28.10.1996	0.025	0.001	•		•		0000	0.000	0.000		240,000	E.coli ; B. Proteus ; Sulf. Clo.;	3-mezosap.	2.18
		03. R. VA	03. R. VARDAR - v.	SARAKINCI											
34	23.01.199	0.062	0.002	0.000	0.004	0.0021	0.0026	0.239	0.019	0.220	1	•	1		-
	27. 02. 199	0.048	0.003	0.000	0.013	0.0043	0.0013	0.000	0.000	0000	,	•	1	•	•
	01.04.199	0.022	0.005	0.000	0.009	0.000	0.0000	0.000	0.000	0.000	ŀ	240,000	E.coli; Sulf. Clo.;	ß-mezosap.	2.41
37	27. 05. 199	0.106	0.007	600'0	900.0	0.0021	0.0026	0.000	0.000	0.000	-	>2,400,000	E.coli; B. Proteus; Suif. Clo.;	ß-mezosap.	2.25
38	01.07.199	0.055	0.015	0.000	0.000	0.0000	0.0017	0.000	000'0	0000	•	380,000	E.coli ; B. Proteus		ļ
33	26. 08. 199	0.064	0.002	0.000	0.004	0.0000	0.000	0.000	0.000	0.000	-	2,400,000	E.coli ; B. Proteus	β-mezosap.	2.05
8	28. 10. 199	0.029	0.009	•.				0.000	0.000	0.000	_	240,000	E.coli ; B. Proteus ; Suif. Clo.:	β-mezosap.	2.03
4	17. 12. 199			•	•			0.460	0.046	0.414		2,400,000	E.coli ; B. Proteus ; Suff. Clo.;	ı	
		94. R. VA	>:	JEGUNOVCE	ĮĮ.										
7	23.01.199	0.022	0.002	0.000	0.004	0.0021	0.0087	0.000	0.000	0.000		•	1		•
5	27.02.199	0.130	0,003	0.000	0.007	0.0039	0.0039	966.0	0.130	0.867	•	•	1	•	
2	01.04.199	0.028	0.005	0.000	9000	0.0000	0.0043	0.000	0.000	0.000		2,400,000	E.coli	ß-mezosap.	2.20
\$	27.05.199		0.004	0.004	0.007	0.0026	0.0087	0.315	0.057	0.258		2,400,000	E.coli ; B. Proteus ; Sulf. Clo.;	3-mezosap.	2.06
•	01. 07. 199		0.005	0.000	0.001	0.0000	0.0087	0.000	0.000	0.000	•	2,400,000	E.coli ; B. Proteus ; Sulf. Cto.;		,
	26.08.199	_	0.005	0.000	0.005	0.0013	0.0175	0.000	0.000	0.000	•	380,000	E.coli; B. Proteus; Sulf. Clo.;	β-mezosap.	1.81
84	28. 10. 199	0.058	0.007	•	•	•	0.0021	0.000	0.000	0.000	-	240,000	E.coli ; B. Proteus ; Suff. Clo.;	β-mezosap.	2.34
\$	17. 12. 199	٠	,			,	1	0.770	0.092	0.678	•	240,000	E.coli ; B. Proteus ; Sulf, Clo.;	•	,

Lead Zi	Zinc Cadmium		,-	1 1 1						
Z					-	- 41 41 42 44	5-4	Idontification	Grade of eantohiological	index of
				-	2011	radioactivity	EST.		or hielenical production	sanrob prod
ᅉ	mg/l Zn mg/l Cd	m	>	Ĕ		Bq/I	count of Coliforms		or protogreat productions	in ordinate
۱"'	57 58	28	68	69	70	71	75	76	78	5)
1										
10	0.006 0.0013	13 0.0043	0.000	0.000	0.000	ı	•	•	*	+
Ιö	0.011 0.0043	43 0.0043	1	0.000	0.000	ì	•	•		-
0	0.022 0.0000	00 0.0035	İ	0.000	0000	ı	000'88	E.coli ; Sulf. Clo.;	β-mezosap.	1.78
0	╁	21 0.0061		0.000	0.000	ı	240,000	E.coli; B. Proteus; Sulf. Clo.;	β-mezosap.	1.93
0	0.001	0.0087	0000	0.000	0.000		8,800	E.coli; B. Proteus; Sulf. Clo.;	β-mezosap.	2.18
0	0.002 0.0000	00 0.0092		0.000	0000		38,000	E.coli ; B. Proteus ; Sulf. Clo.;	β-mezosap.	2.35
1	╁	0.0000		0.000	0000		000'96	E.coli; Sulfidoreduktivni kl	β-mezosap.	1.87
1		-	1.080	0.108	0.972		2,400,000	E.coli ; B. Proteus ; Sulf. Clo.;	•	,
1										
o	0.009 0.0048	48 0.0035	0000	0.000	0.000					•
Ö	0.0011 0.0000	00000 00000	0.000	0.000	0,000	,	38,000	E.coli ; B. Proteus ; Sulf. Clo.;		,
0	0.002 0.0026	26 0.0083	0.000	0000	0000	,	240,000	E.coli; B. Proteus; Sulf. Clo.;	1	•
Ιō	0.000 0.0074	7.4 0.0070		0.000	0.000	,	38,000	E.coli; B. Proteus; Sulf. Clo.;	4	•
lo;	╁	00 0.0021	0.455	0.023	0.432		38,000	E.coli; B. Proteus	1	
1	╁	0.0021		0.000	0.000		240,000	E.coli; B. Proteus; Sulf. Clo.;	•	,
1		-	1.080	0.086	0.993		150,000	E.coli; B. Proteus; Sulf. Clo.;	•	,
ايّا	07. R. VARDAR - SKOPJE-KOMPLEKS BANKI									
0	-			0000	0.000		•		*	
0	0.009 0.0052	152 0.0021		900.0	0.052	_	•	•	-	
0	0.020 0.0000	100 0.0021		0.000	0.00		240,000	E.coli ; B. Proteus ; Suff. Clo.;	β-mezosap.	1.80
o	0.002 0.0035	35 0.0052	0.126	0.008	0.118	•	2,400,000	E.coli ; B. Proteus ; Sulf. Clo.;	β-mezosap.	1.94
0	0.026 0.0008	108 0.0061		0.009	0.432	•	240,000	E.coli ; B. Proteus ; Sulf. Clo.;	ŀ	٠
0	0.039 0.0000	000 00026		0.006	0.176		000'096	E.coli ; B. Proteus ; Suff. Clo.;	β-mezosap.	1.97
1		00000		0.000	0.000		240,000	E.coli; B. Proteus; Sulf. Clo.;	β-O mezosap.	1.57
t			0.460	0.035	0.425		150,000	E.coli; B. Proteus; Suif. Clo.;		1
탈	08. R. VARDAR - SKOPJE - JURUMLERI									
0	0.033 0.0043	743 0.0092	2 0.119	0.010	0.110	•	,	-	ŀ	,
lo	0.026 0.0035	35 0.0043	3 0.059	0.007	0.052	0.11	•		•	•
0	0.009 0.0013	13 0.0021	0.000	0.000	0.000	0.1	>2,400,000	E.coii; B. Proteus; Sulf. Clo.;	β-mezosap.	1.80
lo	0.012 0.0021	21 0.0043		0.010	0.116	0.17	>2,400,000	E.coli ; B. Proteus ; Sulf. Clo.;	β-mezosap.	2.23
lo	0.009 0.0021	121 0.0074	0000	0.000	0.000	0.15	>2,400,000	E.coli; B. Proteus	β-mezosap.	2.38
o	0.026 0.0000	000000	0.152	0.027	0.125	0.32	>2,400,000	E.coli ; B. Proteus ; Sulf. Clo.;	p - sap.	3.44
1		0.0013	3 0.000	0000	0000	0.1	2,400,000	E.coli ; B. Proteus ; Sulf. Clo.;	β-mezosap.	2.00
1			1.540	0.123	1.417	0.08	380,000	E.coli ; Sulf. Clo.;	•	

Toxic and hazardous heavy metals
Suifides
Vk. mg/l   mg/l H <sub>2</sub> S
69
0.014
-0.019-
0000
0.000
0.000
0000
0000
0.150
600.0
0.028
0.000
0.023
0.000
0.000
0.000
0.028
0.000
0.019
0.000
0.015
0.000
0.000
0.000
0.034
0.000
0.023
0.000
0.219

ſ					Tours and h	Toute and honordaire honor matale	any motale				Total heta	Micro	Microbiological properties	Biological properties	rties
2	- T	iron	Manganes	) pad	Zinc	Cadmium	Chromium		Sulfides		radioactivity	Est.	identification	Grade of saprobiological	Index of
	samples	mg/l Fe	mg/l Ma	mg/I Pb	mg/l Zn		mg/l Cr+6	Vk. mg/l	mg/I H <sub>2</sub> S	mg/I HS	Bq/l	count of Coliforms		or biological production.	saprob. prod.
-		54	55	38	257	1	68	89	88	2	7.1	75	76	78	79
		14. R. VAI	>	STARO GRADSKO	ADSKO										
99	6.01.199	0.047	0.020	0.018	900'0	0.0021	0.0043	0.299	8.0.0	0.221	ı	,		. 1	,
110	9.02.199	1_	0.028	0.004	900.0	0.0021	0.0039	0.117	0.026	0.091	0.12	•	1	•	,
111	4, 04, 199	0.019	0.011	0.013	0.010	0.0013	0.0000	0.000	0.000	0.000	0.10	240,000	E.coli ; B. Proteus ; Suff. Clo.;	β-mezosap.	2.12
112	0, 05, 199	0.131	0.025	0.013	9000	0.0035	0.0026	0.630	0.069	0.561	0.19	380,000	E.coli ; B. Proteus ; Sulf. Clo.;	β-mezosap.	2.28
113	3.07.199	0.040	0.003	0.013	0.021	0.0021	0.0026	0.000	0.000	0.000	0.19	50,000	E.coli	1	•
			16. R. VARDAR - v.	STARO GRADSKO	ADSKO										
114	29 08 199	0.004	9000	0.000	0.031	0.0017	0.0026	0.000	0.000	0.000	0.37	240,000	E.coli; B. Proteus; Sulf. Clo.;	α-mezosap.	2.59
115		1_	0.022				0.0000	0.000	0.000	0.000	0.42	38,000	E.coli ; B. Proteus ; Sulf. Clo.;	β-mezosap.	2.11
116	<del>-</del>	-						0.150	0.012	0.138	0.13	240,000	E.coli ; B. Proteus ; Sulf. Clo.;	1	
		17. R. VA	17. R. VARDAR - DEMIR KAPIJA	MIR KAPIJ.	<b>4</b>										
117	6.01.199	0.046	0.002	0.035	0.011	0.0026	0.0035	0.000	0.000	0.000	-		•	•	,
28	9, 02, 199	ļ	0.007	0.004	0.095	0.0021	0.0013	0.117	0.018	0.100	-	•			,
139	5.04.199	440.0	0.005	0.013	0.010	0.0013	0.000	0.00.0	0000	0.000	1	240,000	E.coli ; Sulf. Clo.;	ß-mezosap.	2.09
112		┸	0.004	0.009	0.009	0.0035	0.0017	0.189	0.042	0.147	1	240,000	E.coli ; Sulf. Clo.;	β-mezosap.	2.29
121	3. 07. 199	0.042	0.002	600.0	0.005	0.0017	0.0017	0.000	0.000	0.000	•	22,000	E.coii; Sulf. Clo.;	•	,
22	30 08. 199	0.198	0.002	0.000	0.022	0.0021	0:0030	0.304	0.024	0.280		38,000	E.coli ; B. Proteus ; Sulf. Clo.;	β-mezosap.	2.40
13	1.11.199	0.088	0.004	,		·	0.0000	0.615	0.111	0.504		240,000	E.coii ; B. Proteus ; Sulf. Clo.;	β-mezosab.	2.39
124	9.12.199		ŀ	-		,		0.610	0.061	0.549	,	210,000	E.coli ; B. Proteus ; Sutf. Clo.;	î	,
		18. R. VA	18. R. VARDAR - GEVGELLJA	VGELLUA						1					
125	6.01.199	0.088	0.002	0.035	200'0	0.0030	0.0048	0.000	0.000	0.000	•	•		-	
126	9, 02, 199	0:030	900'0	0.004	0.007	0.0021	0.0013	0.293	0.038	0.255	0.10				•
127	5, 04, 199	0:048	0.010	0.013	0.015	0.0017	0.0000	090:0	0.012	0.048	0.12	150,000	E.coli; Sulf. Clo.;	β-α mezosap.	2.19
22	1.05.199	0.044	0.004	0.004	0.004	0:0030	0.0017	0.693	0.104	0.589	0.20	240,000	E.coli; Sulf. Clo.;	ß-mezosap.	2.50
133	3.07. 599	0.025	0.017	0.008	0.003	0.0021	0.0017	0.000	0000	0.000	0.22	20,000	E.coli	•	-
දු	130   30 08, 199	0,176	0.000	0.000	0.018	0:0030	0.0061	0.243	0.007	0.236	0.35	38,000	E.coti; B. Proteus; Sulf. Clo.;	β-mezosap.	1.85
5	1.11.199	0.037	0.000				0.000	0.923	0.111	0.812	0.32	16,000	E.coii; Sulf. Clo.;	β-mezosap.	2.13
132	9.12.199		,					0.150	0.013	0.137	0.14	38,000	E.coli ; B. Proteus ; Sulf. Clo.;	.1	,
Ŀ		23. LIPKC	23. LIPKOVSKO LAKE - Dam	E - Dam				e e							
156	6, 03, 199	0.034	0.000	0.000	0.010	00000	0:0000	0.000	0.000	0.000	1	<200	E.coli	•	•
157	1.05.199	0.187	0.009	0.000	0.024	0.0000	0.0008	0.252	0.025	0.227	4	880	E.coli	1	•
158	0.08.199	0.018	0.000	0.000	0.000	0.0000	0.0000	0.030	0.000	0.030		24,000	E.coli	-	,
159	2. 10. 199	0.143	0.004	•		,	,	0.000	-000'0	0.000		24,000	E.coli; B. Proteus	•	•

Table IV /5

		ri	_				_	T	<u> </u>	Γ				_	Γ	<u> </u>		<u> </u>		Γ	Γ						Γ	<u> </u>	<u> </u>	<u> </u>	Γ		T	Γ	Γ			Γ
rties	Index of	saprob. prod.	79		•	•	•			 		,	•		,	,				2.08	2.34	3.06	1.66		ļ, 	,	-	,		,	_	,			,	1	1	
Biological properties	Grade of saprobiological	or biological production.	78		•	•	,				+	1	•		1					β-mezosap.	β-mezosap.	α – β mezosap.	β-mezosap.				4	ı		•		•					•	
Microbiological properties	Identification		76		E.coli; Enterobacter	E.coli; B. Proteus; Sulfido	E.coli; B. Proteus; Sulfido	E.coli ; Sulf. Clo.;		E.coli; B. Proteus; Sulfido	E.coli; B. Proteus; Sulfido	E.coli; B. Proteus; Sulfido	E.coli ; Sulf, Clo.;		E.coli ; Sulf. Clo.;	E.coli; B. Proteus; Sulfido	E.coli; B. Proteus; Sulfido	E.coli; B. Proteus; Sulfido		E.coli; B. Proteus; Sulfido	E.coli; B. Proteus; Sulfido	E.coli ; Suff. Clo.;	E.coli; B. Proteus; Sulfido		E.coli	E.coli	E.coli	E,coti		E.coli	E.coli; B. Proteus	E.coli; B. Proteus	E.coli ; Sulf. Clo.;		E.coli ; Sulf. Clo.;	E.coli; B. Proteus; Sulfido	E.coil : Sulf. Clo.;	Cooling of the
Microb	Est.	count of Coliforms	7.5		240,000	240,000	240,000	150,000		>2,400,000	2,400,000	2,400,000	>2,400,000		240,000	38,000	246,000	2,400,000		2,400,000	24,000	15,000	24,000		<200	<200	880	<200		3,800	<200	15,000	5,000		38,600	38,000	3,800	000
Total beta	radioactivity	Bq/l	77		,	•	1	,		,		•	-		•	1	_			ı	•		1		,	•	1	1		1	1	ı			ı		1	
-		SH I/Bu	92		0.000	0.000	0.423	0.266		0.000	0.000	0.000	1.863		0.336	0.322	0.000	0.000		0.554	0.282	0.000	0000		0.264	0.811	0000	0.318		0.321	0.522	0.000	0.126		0.000	0.147	0.000	
	Sulfides	RIGH H2S	89		0.000	0.000	0.032	0.042		0000	0.000	0.000	0.291		0.042	0.181	0.000	0.000		0.076	0.159	0.000	0.000		0:020	0.008	0.000	0.143		0.057	0.234	0.000	0.028		0.000	0.042	0.000	
		Vk. mg/l	89		0.000	0.000	0.455	0.308		0.000	0.000	00000	2.154		0.378	0.504	0.000	0.000		0.630	0.441	0.000	0.000		0.315	0.819	0.000	0.461		0.378	0.756	0.000	0.154		0.000	0.189	0.000	
eavy metals	Cadmium Chromium	mg/l Cr+6	29		0,0000	0.0008	0.0000			0.000	0.0017	0.0026	0.0021		0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.000		0.0000	0.0000	0.000	0.0000	ANC!	00000	0.0000	0.0000	0.000		0.000	0.0000	0.0000	
Toxic and hazardous heavy metals	Cadmium	mg/I Cd	28		0.0000	0.0008	0.0000			0.0000	0.0017	0.0000			0.0000	0.0000	0.0000	-		0.0000	0.0021	0.0000			0.0000	0.0013	0.0000		n. " KALIMANCI"	0.000	0.0021	0.0000			0.0000	0.0021	0.0000	
Toxic and	Zinc	mg/l Zn	57	빙	0.012	0.002	0.003		ROSANE	0.010	0.005	900'0		IARCI	0.011	0.011	0.004		ALE	0.011	0.002	0.004	1	. Dam	0.026	0.022	0.000	•	- Downflow from acum.	0.048	0.033	0.021	-	STE	0.050	0.004	0.001	
	Lead	mg/I Pb	95	· v. BEDINJE	0.000	0.000	0.000		· v. DOBROSANE	0.004	0.000	0000	•	- V. BUDINARCI	0.009	600'0	0.000	,	· v. OC! PALE	0.013	0.004	0.000	-	ALIMANCI	60.004	0.004	0000	-	- Downflov	0000	600'0	0.000	1	- v. KRUPISTE	0.022	0.018	600.0	
	Manganes	mg/l Mn	55	LIPKOVSKA	0.000	0.015	0.004	0.012	24. R. KUMANOVSKA	0.014	0.255	0.116		29. R. BREGALNICA	0.005	0.051	0.002		30. R. BREGALNICA	0.001	0.022	0.016	0.079	31.a Acumulation 'KALIMANCI	0.000	0.007	0:000	0.018	31. R. BREGALNICA	0.005	0.011	0.008	0.021	32. R. BREGALNICA	0.133	0.084	0.422	, , ,
	Iron	mg/l Fe	B	23 a. R. LIF	0.051	0.118	0.018	0.108	24. R. KUA	Ĺ.,			_			0.101		_	30. R. BRE	0.046		L i	0.064	31.a Acum	0.077	i 1		0.031	31. R. BRI	0.134			0.044	32. R. BR	0.074	0.123	0.062	,,,,
Date	ĕ	samples	6		6.03.199	1.05.199	0.08.199	2, 10, 199		<u></u>	_	_	2. 10. 199		_	_	$\vdash$	3. 10. 199		7. 03. 199	_		3. 10. 199		7. 03. 199	3.05.199	1.08.199	3, 10, 199		7. 03. 199	_		3. 10. 199		8. 03. 199	2.05.199	1. 08. 199	007 07 0
	2		-		160	161	162	163	l	164	165	166	167		185	186	187	189		190	191	192	193		25	195	196	197		198	139	200	201		202	203	33	2

-	4,50				Toyic and h	Toyic and hazardous heavy metals	sietam vvec				Total beta	Microb	Microbiological properties	Biological properties	rties
	Dale				2000		2							Jania at all and a second	to your
Š	ō	roa	Manganes	Lead	Zinc	Cadmium	Cadmium Chromium		Sulfides		radioactivity	ESî.	identification	Grade of Saprobiological	io van
	samples	ma/i Fe	samples molifie moli Nn	ma/l Pb	mg/J Zn		mg/l Cd mg/l Cr+6	Vk. mg/l	Vk. mg/l mg/l H <sub>2</sub> S mg/l HS	mg/I HS	· Bq/I	count of Coliforms		or biological production.	saprob. prod.
+	3	25	18	95	57		82	69	69	22	71	75	76	78	73
1	•	0 E	33 D RDEGALNICA . V SHEIL ARI ( under SHTIP	SIEI S	5Ri (under	SHTIP)									
					ייי ל מווממי	,						300	1 2 2 2	R-mazocan	200
90	206 8 03 199	0.131	0.074	0.009	0.041	0.0000	0.0000	0000	0.000	0.000	0.11	240,000	E.coii; B. Proteus; Suindo	p-mercap.	£5.3
7.0	2 OF 100		900 0	0.018	0.007	0.0021	0.0017	0.567	0.176	0.391	0.28	240,000	E.coli; B. Proteus; Sulfido	β-mezosap.	2.60
<u>-</u> -	3	3	200.0	2,5	2000								1 1 1	A mozocon	2.20
208	2, 08, 199	0.044	0.015	0000	0.004	0.0000	0.0000	0000	0.000	0.000	0.37	>240,000	E.coli; B. Proteus; Surndo	p-mezosap.	7.30
900	40 100		0.075				0.000	0.154	0.034	0.120	0.17	>2,400,000	E.coli; B. Proteus; Sulfido	β-mezosap.	2.43
	. 10. 133		2000												
	. •	34. R. BR	34. R. BREGALNICA - v. UBOGO	· v. UBOG	0				•						
Ę	210 9 OR 199	0.343	1 0 120	0000	0.035	0.0000	0.000	0.061	0.002	0.059	•	15,000	E.coli; B. Proteus; Sulfido	β-mezosap.	2.33
•		2	-			,									