	Sampling point	int :	LAKE BOGORIA - 15		(2/2)					
				Sampling Date						
ģ	Item		Unit	24/02/85	14/08/85	28/10/85	29/10/85	20/11/85	25/10/86	10/03/88
.₩	PH	Potential of Hydrogen'		8.8	10.4	10.5	676	10.2	10.2	10.8
4	門	Turbidity,		50	12	240	8	81	. 81	88
κή	g g	'Colour'		,	N.D.	Ϋ́Ω	N.D.	125	125	N.D.
4	PNO	Permanganate No.	√Sm	16	\$	395	702	218	23	21
V)	Ω S	Electric Conductivity'	m.mhos/cm	8000	8	7000	N.D.	2290	0099	7200
ø	贸	Tron,	mg/l	0.5	8.0	0.4	N.D.	9.0	1.6	0.1
۴.	NA NA	'Manganese'	√8m	0.1	0.2	ŊŊ	N.D.	0.2	0.2	0.1
∞	ర	'Calcium'	mg/J	0.1	0.1	5.1	3.2	0.3	0.3	N.D.
Ó	MG	'Magnesium'	mg∕l	0.1	0.1	1.1	1.2	0.1	0.1	1.5
ò	Ą	'Sodium'	mg/J	N.O.	ND	N.D.	N.D.	ND	Ŋ	Ν̈́Ω
Ħ	EL	Total Hardness'	mg∕1	40	20	8	SS	20	32	8
22	ΤĀ	Total Alkalinity	mg/J	Ä,	2600	4980	7860	5380	7800	8150
13	ಕ	'Chloride'	mg/J	461	1052	820	840	999	Ω̈́N	1150
14	ÇL,	Fluoride,	mg/J	Ŋ.Ď.	1250	1750	1875	1000	1870	1300
15	NO3	'Nimite'	√8m	Ω.Ν.	N.D.	N.O.	Ω. Ö.	Z.D.	Ω.N	Z,
16		Sulphate,	mg/l	73	281	130	8	Ω̈́N	114	121
17	Š	'Phosphate'	√Sw	N.D.	N.O.	N.D.	N.D.	Ŋ.Ŋ	Ö.	N.D.
81	SCI	Total Dissolved Solid'	√Sm	Ν̈́D	N.D.	N.D.	O.N.	N.D.	Q.N	N.D.
51		Potassium	l∕3m	Ŋ.	N.O.	N.D.	N.D.	N.D.	N.	Q.N
ଧ	Š	'Carbonate'	mg/l	Ŋ.	N. D.	ď.	Ö.Z	N.D.	Ċ N	N.D.
72	HC03	'Bicarbonate'	mg/l	Ω̈́Z	N.D.	N.D.	N.D.	N.D.	N.D.	Ŋ
23	STO2	'Silica'	mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	ND

N.D. means "not detected.

NOTE

				Sampling Date						
2 2	No. Item		Unit	<i>TT</i> /01/ <i>T</i> 0	11/01/80	07/09/83	1	19/12/83	21/03/85	23/05/85
H	PH	Potential of Hydrogen'		10	10	01	10.2	10.2	10.5	10.5
7	严	Turbidity,		ÖZ	4	7	∞.	8	4	385
ith	g	'Colour'		700	N.D.	N.D.	Z.O.	N.D.	250	'n
4	PNO	Permanganate No.	mg/J	N.D.	190	175	150	175	72	4
V)	ည္	Electric Conductivity'	m.mhos/cm	9300	30000	16000	25000	25000	24000	2800
9	恕	'Iron'	mg/l	7.0		Ω̈́Z	N O	N.D.	7	7.5
7	Š	'Manganese'	√Sm.	0.3	0.1	N.D.	Ŋ	N	0.1	0.3
80	ජ	'Calcium'	₩ W	Ω̈́	2	Ŋ. O.N	F-4	N.D.	0.4	-
\$	MG	'Magnesium'	mg/I	ΩZ	4	1.8	0.5	N.D.	0.2	0.3
요 요	× ×	.Sodium.	mg/l	NON	N.D.	N.D.	Ö.	N.D.	N.D.	Ŋ
	出	Total Hardness	mg/l	Ŋ	ND	N	4	.8	9	N.D.
: 22 - -	K	Total Alkalinity'	l∕8m	48100	0086	N.O.	903	1145	10690	111
ដ	В	'Chloride'	mg/v	21350	3093	4124	3850	55	4009	2560
14	ŭ,	Thoride.	mg/l	Ω̈́Z	NO	715	330	750	N.D.	830
15	NO3	Nitrite.	mg/J	ÖZ	N.D.	Ŋ	N.D.	N.D.	N.D.	N.D.
31	8	Sulphate.	√8m	N.D.	N.D.	S	25	330	339	8
C	<u>\$</u>	Phosphate'	mg/l	Ŋ	NO	N.O.	N	N.D.	N.D.	ND
18	SCT	Total Dissolved Solid	mg/l	ON	12000	0096	15000	15000	N.D.	1680
61	×	Potassium,	√8m	ÖZ	ND	N.D.	N.D.	N.D.	N.D.	N.D.
R	© ≎	'Carbonare'	mg/l	N.D.	ND	ND	N.D.	N.D.	N,	Q'N
21	HC03	Bicarbonate.	l/Sm	ND	N.D.	N.D.	N.O.	N O	N O	N. Ö
2	STO2	Silical	mg/l	N.D.	ND	N.D.	N.D.	N.D.	N.D.	N.D.
	A TO THE PROPERTY OF THE PROPE	NOTE	4.	N.D. means "not detected	ot detected.					

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			Sampling Date							
No. Item		Unit	17/02/82	29/03/82	30/04/82	31/07/82	01/08/82	12/01/83	23/02/83	
1 PH	Potential of Hydrogen'		8	1.7.7	∞	8.4	8.1	10.1	10	
2 TB	Turbidity	٠.	280	F4		-	16	N.D.	N.O.X	*
a GR	.Colour,		ON	QN	Ś	33	S	Ν̈́Ω̈́	N.D.	
4 PNO	Permanganate No.	mg/l	221	13	છ	8	N.D.	88	111	
SEC	Electric Conductivity'	m.mhos/cm	86	200	200	450	430	8000	4500	
6 田	Tron	mg/l	17	m	0.7	0.1	6.0	Q.Z	Ö,N	
7 MN	'Manganese'	mg/l	p-4	0.2	0.1	0.1	0.1	N.D.	Ö,N	٠
ర «	'Calcium'	mg/v	4.8	5.5		12	4.1	N.D.	ďχ	
6 MG	Magnesium.	mg/l	2.6	1.3	6.0	0.8	0.1	O.Z.	ΩZ	
10 NA	'Sodium'	mg/l	ÜZ	N.D.	N.D.	ND	Z,	Ö,	Ü	
11 TH	Total Hardness'	mg/l	8	8	60	12	12	8	4	
12 TA	Total Alkalinity	mg/l	440	400	180	223	226	4080	2432	
ಚ	Chloride.	₩8⁄V	88	8	7	19	93	899	ÚZ	
14 7	Fluoride.	mg/l	8	-	N.D.	ν,	4	N.D.	ΩZ	
IS NO3	Nitrite'	mg/l	ΩN	N.D.	N.D.	N.	ND	O'N	Ω̈́Z	
16 SO4	'Sulphate'	mg/l	9	8	11	Ö	ND	ND	Ω̈́N	
17 804	Phosphate.	mg/l	N.D.	N.D.	N.	N.O.	N.D.	0.1	ΩZ	
18 TDS	Total Dissolved Solid'	mg/l	\$40	Ŋ	300	287	N.D.	4800	. 2700	
19 K	Potassium	mg/l	N.D.	N.D.	N.	N.	N.D.	N.O.	ÖZ	
	'Carbonate'	₩ W	ND	N.D.	N.D.	N.	N.O.	QN	N O	2 .
21 HC03	Bicarbonate'	mg/l	ÖZ	N.O.	N.D.	QX	N.D.	O'N	ÖZ	
22 SIO2	'Silica'	mg/l	O.N	Ω̈́Z	N.D.	N.D.	N.D.	N.D.	QN	:
All the second of the second o	NOTE	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N.D. means "not detected	ot detected.				\$ 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

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No. Item		Unit	07/09/83	17/11/83	16/12/83	31/05/85	22/10/85			
1 PH	Potential of Hydrogen'		8.6	10.1	\$3	6.6	10.6			
2 TB	Turbidity'		φ.	19	ν'n	53	100		ž *	
3 GR	'Colour'		O.N.	N.D.	Ŋ.	140	125			
A PNO	Permanganate No.	mg/l	19	75	15	225	NO			ŕ
S EC	Electric Conductivity'	m.mnos/cm	1700	48	800	10000	18000			
6 H	Tron.	mg/J	N.D.	N.D.	N.D.	8.9	4.0	•	•	
7 MIN	'Manganese'	\2m	O.N.	2.4	ŊŊ	4.0				
ర ∞	Calcium	mg/l	N.D.	0.5	0.8	7.2	∞			
9 MG	'Magnesium'	mg/l	**	N.	0.5	1.5	39	5		
10 NA	'Sodium'	mg/l	ÜZ	N O	N.D.	ND	ND			
HI III	Torul Hardness	mg/J	10	∞	4	8	180			
12 TA	Total Alkalinity'	mg/l	040	178	242	2080	17400			
ដ	'Chloride'	mgA	6	160	20	918	3500			
14 된	'Fluoride'	l∕8m	13	32	m	8	20			
15 NO3	Ninite'	mg/l	ÄZ	NON	Ŋ	Ŋ	ď. Ž			
16 SQ4	'Sulphate'	√8w	21	m	16	8	0.3			
17 704	Phosphate'	mg/l	N.D.	0.4	0.5	Ω̈́	Ϋ́			
SCT 81	Total Dissolved Solid"	NS W	1020	2640	480	0009	108000			
19 K	"Potassium"	mg/s	Z.D.	N.D.	Ω̈́N	N.O.	N.D.			
20 02	'Carbonate'	mg/l	χ. Ö.	Ö	N.O.	Ν̈́Ω	N.D.			
21 HCOS	'Bicarbonate'	√8m	O Z	Ŋ	Ŋ	ΩN	N.D.			
22 STO2	'Silica'	mg/l	O.Z.	N.D.	N.D.	N.D.	N.D			
	NOTE		N.D. means "not detected.	ot detected.						

No. Item Phenomenal of Hydrogen 2 TB Turbidity 3 CLR Colour 4 PNO Permanganate No. 5 EC Electric Conductivity 6 FE Tron' 7 MIN Manganese 8 CA Calcium 9 MG Magnesium 10 NA Sodium 11 TH Total Hardness 12 TA Total Alkalinity 13 CL Chloride 14 F Fluoride 15 NO3 Wirrite 16 SO4 Sulphaie 17 PO4 Phosphate 17 PO4 Phosphate 17 PO4 Total Dissolved Solid'	:	14/04/80	30/08/82	60.00	1			
	ម័	8.5		11/01/83	13/10/83	16/12/83	28/09/84	21/02/85
	É	(8.4	8.4	8.6	8.7	8.6	8.9
	_ :	3	7.8	8	48	8	83	8
		ON	ND	O'N	NON	N.D.	S	350
		Ö.S.	N.D.	13	N.O.	92	25	<i>Ж</i>
	Ngm Ngm	700	700	009	N.O.	1100	850	1100
	mg/l	11.5	0.2	2	N.D.	Z.O.	11	0
	/ou	0.1	N.D.	0.1	5.3	N.D.	0.2	Ö
	. A.	, v	.23	9	12	ဂ္ဂ	4	<i>e</i> 4
	ng/l	7	ęń	7	N.D.	,1	S	
	√3m	ÜZ	ND	N.O.	39	N.D.	215	180
	mg/l	174	8	28	N.D.	93	\$	Y
	mg/l	211	ND	408	N.D.	294	38	43
	mg/l	Ω̈́Z	2	37	8	31	63	35
	ng/l	ý	\$5	Ś	N.D.	S	7	7
	l∕gm	Ŋ	ND	Ω̈́N	N.D.	ND	ď.	Z
	mg/l	N.D.	4.5	8.5	9.4	5.2	5.1	
	mg/l	ÖZ	Ŋ.	0.1	NON	0.5	Ö.	්
	l/gm	Ω̈́Z	7	360	N D	99	210	*
19 K. Potassium	mg/l	N.D.	N.D.	N.O.	N.D.	N.D.	Ö,	Z
20 CO3 (Carbonate)	Пgm	N.D.	N.D.	N.D.	N.D.	N.O.	N.O.	Z
21 HCO3 Bicarbonate'	ng/l	N.	N.D.	N.D.	3	N.D.	NΩ	Z
22 STO2 'Silica'	mg/l	N.D.	N.D.	N.D.	N.D.	ΩZ	O.N.	ΝD
NOTE	4.6	N.D. means "not detected	or detected.		· .			

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The second secon	10/03/88	8.5	33	750	7	1500	2	9.0	13	5	372	5	898	105	21	N.D.	312	Ö	006	N.D.	Ŋ.	Ŋ	OZ
	98/01/52	6	135	280	\$	1000	ND	Ϋ́Ω	Ω̈́N	Ω̈́	Ω̈́	ઝ	412	છ	~	Ŋ.Ď.	6.8	0	888	QZ	QN	QZ	2
	20/10/85	6.8	120	Ö,N	2	22	0.8	N.D.	14	ν ₀	N. O.	z	328	48	(r)	Ö,	6.4	0	432	Ö,	Ŋ.	Ö.Z	0 Z
Sampling Date	19/10/85	9.1	140	.Q.N.	212	730	N.D.	Ö.	16	m	N.D.	52	48	48	63	Z.Ö.	27	0.1	438	Ö,X	Ä	άχ	Z
	Unit				mg/l	m.mhos/cm	mg/l	mg//	ng√	mg/l	₩8W	mgV	mg/l	mg/l	mg/l	ng.	mg/l	mgA	mg/l	mg/	V8₩	mg/m	/sm
And the second of the second o		Potential of Hydrogen	Turbidity'	Colour	Permanganate No.	Electric Conductivity'	Tron	Manganese.	'Calcium'	Magnesium.	Sodium,	Total Hardness'	Total Alkalinity'	Chloride.	Fluoride.	Nimite'	'Sulphate'	Phosphate,	Total Dissolved Solid	Potassium'	'Carbonate'	Bicarbonate	'Silica'
green by have a section of the description of the law of	No. Item	1 PH	2 TB	3 GR	4 PNO	5 EC	吊吊	7 MN	ర ∞	9 MG	N OI	H	12 TA	ដ	14 F	15 NO3	16 504	17 %	SQT 81	19 K	20 20 20	21 HCO3	22 STO2

·. · · ·	3 			•	Sampling Date						
•	S.	No. Item		Unit	06/02/75	06/03/75	12/04/75	28/04/75	24/06/75	26/08/75	26/02/76
	pre	ЪН	Potential of Hydrogen'	-	8.2	8.3	8.3	7.6	7.9	7.4	8.5
, = ,	7	E C	Turbidity,		Ω̈́N	Ω̈́Z	N.D.	N.D.	ď Ž	Ŋ	N.D.
	က်	g	'Colour'		S	S	κū	%	S	S	۷ì
	4	PNO	Permanganate No.	mg/J	Ö,	Ω̈́	N.D.	N.D.	N.O.	N.O.	N.D.
	Ś	EC	Electric Conductivity'	m.mhos/cm	160	170	170	160	155	165	112
	Ø	出	_ron_	NSm V	0.8	0.4	0.2	0.2	ď.	0.4	0.2
	~	XX.	Manganese,	mg/J	Ü	N.D.	N.D.	N. Ö	N. Ö.	N.D.	Ö,
	\$	ಕ	'Calcium'	₩.	11	12	11	10	δ	12	7.5
	ġ,	MG	Magnesium,	MgM	2.5	2.9	3.4	3.8	4.3	2	0.5
5	2	ž	"Sodium"	mg/l	18	19	18	23	19	21	Q'N
-10	П	出	Total Hardness'	mg/J	88	42	42	0,	04	Ν̈́Ω	8
<u>.</u>	23	TA	Total Alkalinity	m V	N.D.	N.D.	N.D.	N.D.	N.D.	N.D	ΩN
	2	ರ	'Chloride'	√Sw.	1. L	9	\$	7	7	4	4
	2	EL,	Fluoride.	ľ⁄sm	_	~	•	ينو		-	0
	23	NOS	Nimite.	mg/l	Ŋ	N.D.	N.D.	N.D.	N O	7	ďΧ
	92	Š	'Sulphate'	mg/J		က • ၂	N.D.	ന്	m	ND	NO
	11	17 704	Phosphate'	mg/l	ND	N.D.	N.D.	N.D.	N,D,	N.D.	QN
	83	TDS	Total Dissolved Solid'	mg/l	140	42	100	105	120	100	\$9
	51	×	Porassium	mg/l	N.O.	N.D.	N.D.	ND	N.D.	N.D.	N.O.
	8	20 CO3	.Carbonate	√8m	NDN	N.D.	N.D.	N Ü	N.D.	Ö,	ďχ
: .:	7	21 HC03	Bicarbonate.	mg/l	Ω̈́	ND	N.D.	ND	N O	N.D.	Ωχ
• .	22	STO2	'Silica'	mg/l	ND	ND	N.D.	Ö	N,D.	N.D.	N.D.
	emile Aprilian	ere i Merces e con mande de conse	NOTE	•	N.D. means "not detected	ot detected.					

LAKE VICTORIA

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		ot detected.	N.D. means "not detected.		NOTE	
N.D.	ΝΩ	Q	N.D.	me/l	'Silica'	22 STO2
N.D.	N.D.	N.D.	N.D.	mg/l	'Bicarbonate'	21 HCO3
N.D.	N.O.	O'N	Ö,Z	ľ8w	'Carbonate'	දි දි
N.D.	Ω̈́Z	N.D.	N.D.	mg/l	'Potassium'	
Ö.Z	ÖŻ	Ö.	N.D.	₩ VSw	Total Dissolved Solid	SQT 81
0.3	4.0	Ω̈́N	N.O.	Mg∕4	'Phosphate'	7. 88
Z.D.	Ö,	0.2	Ö.N	mg/l	'Sulphate'	16 SQ4
1.5		Ϋ́	10	₩.	Nigite.	15 NO3
N.D.	0		0	mg/l	'Fluonde'	14 F
1	Š	-	10	mg/l	'Chloride'	ಭ
74	40	9	42	mg/J	Total Alkalinity	12 TA
40	38	\$	46	mg/l	Total Hardness'	11 73
Ö.	Ö.Z	N.O.	20	mg/l	'Sodium'	ro na
Z.D.		N	6.6	l∕8m	'Magnesium'	9 MG
N.D.		N.D.	7.5	mg/l	'Calcium'	ర ∞
ΩŽ		0	0.2	mg∕l	:Manganese'	7 MSN
N.D.		N.D.	0.3	√8m	Tron	6 形
140		135	149	m.mhos/cm	Electric Conductivity'	S EC
N.D.	N.D.	ND	22	mg/l	Permanganate No.	4 PNO
ÖZ		23	S		.Colour,	3. GR
Z.D.	N.O.	10	6		Turbidity'	2 TB
7.8		8.1	8.1	1	Potential of Hydrogen	Hd !
25/08/87	10/02/87 25/0	25/05/82	09/02/77	Unit		No. Item
The second property of the second sec	See A management of the second		Sampling Date		The second secon	the state of the s

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No. Item		Unit	08/60/90	08/60/10	08/60/60	10/09/80	27/09/80	11/09/80	
Hd I	Potential of Hydrogen		8.7	9.2	9.2	9.2	9.2	5.6	
2 TB	Turbidity,		8	8	Ś	m	7	٧'n	
 E	.Colour		.	Ś	S)	10	V	01	
4 PNO	Permanganate No.	mg/l	01	N.D.	N.D.	11	OZ	632	
SEC	Electric Conductivity'	m.mhos/cm	3000	3400	2300	3000	2800	11800	
6. FE	'Iron'	ng/u	0.1	Z Ö	0.7	0.7	0.7	0.1	
7 WN	'Manganese'	√Sm	0.4	1.5	4.6	6.1	0.1	0.1	
& &	'Calcium'	Ng/u	2.8	ന	8.9	3.2	4.7	9.7	
9 MG	'Magnesium'	mg/J	0.1	0.1	0.1	0.1	4.4	7.4	
10 NA	'Sodium'	mg/l	ÖZ	N.D.	N.O.	N.D.	Ŋ	ΩZ	
HI 11	Total Hardness'	√Sm	Ó	48	9	8	23	56	
12 TA	Total Alkalinity	V8₩	N.D.	1110	1097	1157	1111	1152	
ರ ಜ	Chloride,	mg/J	ന	220	685	420	480	2800	
14 F	Fluoride.	1/Sm	0	10	Ö	0	0	г	
15 NO3	Nimite'	mg/l	N.O.N.	ŊŊ	N.D.	N.D.	N.D.	N.O.	
16 504	'Sulphate'	mg/l	N.D.	6.2	Ŋ	ÖZ	Ö.	N.D.	
72 704	Phosphate.	mg/l	0	0.2	Z.O.	0.2	0.2	0.1	
SCT 81	Total Dissolved Solid'	mg/l	1950	2210	1495	1950	1820	7670	
19 K	Potassium	mg/l	Ŋ	N.O.	N D	N.D.	N. O.	Ω̈́	
20 03	'Carbonate'	mg/l	Ϋ́	N.D.	N.D.	Ŋ.	N.D.	Ω̈́Z	
21 HCO3	'Bicarbonate'	mg/l	N. N.	Ö,	N.D.	Ó.N	N.D.	Ü.Z	
2018 22	'Silica'	mg/l	N.D.	N.D.	N.D.	OZ	N.D.	N.O.	
	NOTE	••	N.D. means "not detected.	ot detected.					

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No. Item		Unit	09/11/80	13/11/82 21/02/83	,02/83	05/04/83	08/08/83	28/80/60	10/08/83
Æ	Potential of Hydrogen'		9.3	9.4	9.3	9.5	9.3	4.6	9,6
æ	Turbidity'		4	18	7	7	61		6
ð	Colour		'n	Q Z	N.D.	Q.Z	N.D.	Ċ N	N.D.
ONG	Permanganate No.	mg/l	v	25	83	32	23	. 58	57
ည္ထ	Electric Conductivity'	m.mhos/cm	2900	2500	3300	4000	3320	3320	3630
出	Tron	1/Sm	0.3	4.2	Ö,	O'Z	Ŋ	ND	O.N.
Š	'Manganese'	mg/l	0.1	0.1	QN	Z O	NO	O'N	N.D.
ర	'Calcium'	mg/l	7.5	S)	1.2	32	4.8	5.6	7.2
MG	Magnesium,	l/gm	45	<u>m</u>	9	Ħ	4,4	2.4	-
Ž	'Sodium'	Ngm Ngm	N.O.	N,D,	Ŋ	Q	ND	N.D.	ON
E	Total Hardness'	mg/l	24	32	25	12	39	24	22
2 TA	Total Alkalinity	l/gm	926	N.O.	1170	N.O.	1300	1132	N.D.
ر ا	.Chloride.	mg/J	380	1727	430	220	462	450	492
14 F.	'Fluoride'	mg/l	0	10	10	10	11	10	6
IS NOS	Nimite.	ng/l	Ö,	ON ON	Ä	N. O.	N.D.	N.D.	N.D.
	.Sulphate.	mg/l	N.O.	24.5	30.1	35.9	30.7	26.7	29.8
	Phosphate,	mg/l	0,1	OZ	1.1	erd	9.1	1.6	1.5
SQT 81	Total Dissolved Solid	mg/l	1885	1500	1980	2400	1992	1992	2178
	Potassium	m8/1	N.D.	N.D.	N.D.	Q'Z	NO	N.D.	ÖZ
20 03	'Carbonaic'	mg/l	ND	N.D.	O'N	N.D.	N.D.	N.D.	Ö Z
1 HC03	Bicarbonate	nga	ĊŻ	ď	Ϋ́ C	Ä	N. Ö.	.	QN
2 STO2	"Silica"	mg/]	ÖZ	N.D.	ΝD	ND	N.D.	ON	ND

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LAKE TURKANA

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				:		ot detected.	N.D. means "not detected.	••	NOTE	3 3 4 2
		ND	ON	N.D	QN	ND	N.D.	mg/l	'Silica'	2018 22
		NO	ND	Ŋ	ΩN	ND	O'N	√S w	Bicarbonate	21 HC03
-		N.D.	N.D.	N.D.	ÖZ	N.O.	Z.Ö.	mg/l	'Carbonate'	
		N.O.	N.D.	O.Z	ÖZ	Ŋ	Ω̈́	и®и	"Potassium"	19 K
		2520	2178	2400	2150	2227	28	ng/l	Total Dissolved Solid'	
		N. O.	61	7	1.8	13	N.D.	mg/l	'Phosphate'	5 5
		29	%	33	40	40	47	mg/l	'Sulphate'	16 504
		N.O.	N.D.	N.D.	O.Z.	Z, D	Ŋ.	mg/l	Ninite'	15 NO3
		11	10	ģ	9	11	7	mg/l	'Fluonde'	7 7
		470	470	2 4	4	200	456	mg/l	'Chloride'	ង
		1212	1200	1144	1140	1100	1242	mg/l	Total Alkalinity'	12 TA
	٠	20	23	40	53	8	30	mg/l	Total Hardness'	11 TH
		N.D.	N.D.	N.D.	Ν. Ö.	Z, Ö,	Ŋ Ŋ	mg/l	'Sodium'	10 NA
-		1.5	N.D.	2.8	6.1	3.6	13.2	mg/v	'Magnesium'	9 MG
		5.6	2.6	2.2	6:0	60	7.2	mg/l	'Calcium'	ქ ∞
		Ö,	7	0		61	0.4	mg/l	Manganese,	7 MN
		N.O.	0.1	0.7	0.4	7.7	8	mg/l	Tron	6 距
		4200	3630	4000	3585	3710	265	m.mhos/cm	Electric Conductivity	S EC
		7	9	N O	m	01	218	mg/J	Permanganate No.	ONG 7
		9	S	Ś	Ś	9	. 280		Colour,	S. GR
·		56	2	4	δ.	28	230		Turbidity'	2 TB
i. N		8.6	9.2	6.3	9.5	4.6	. 6.3		Potential of Hydrogen'	T BH
		08/12/87	30/03/87	78/50/90	19/10/86	19/10/85	15/05/85	Unit		No. Item
							Sampling Date	and the second s	A seed that design a seed of the first of the seed of	on a department of the section of th

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		VI	Sampling Date			7				
No. Item		Unit	15/05/75	21/08/75	10/09/75	03/05/76	29/07/76	27/08/76	02/09/76	04/09/76
1 рн	Potential of Hydrogen'		9.7	6.6	10.2	10.1	10.3	6.6	10.3	10.2
2 TB	Turbidity'	2	\$3	22	8	190	38	205	300	38
3. GR	'Colour'		375	250	140	140	200	200	300	300
4 PNO	Permanganate No.	mg/l	N.D.	83	34	N.D.	NO	Z.O.	N.D.	Ż
SEC	Electric Conductivity'	m.mhos/cm	30000	30000	22000	29800	23500	20000	. 24400	25400
\$ E	_ron_	mg/l	ΩN	0.2	N.D.	N.D.	Ŋ	ΩN	ND	N
Z X	'Manganese'	mg/J	NO	N.D.	Ŋ	Ċ	N Ö	QZ	N.D.	NO
ర «	'Calcium'	mg/l	ND	N. O.	N.D.	N. Ö	άŻ	Ω̈́	N.D.	N.D.
9 MG	'Magnesium'	mg/1	N.D.	٣	N.D.	Ω̈́	ΩX	ΝΩ	ND	N. D.
10 NA	'Sodium'	mg/l	O'N	N.D.	N O	NON	Ŋ. O.	N. D.	N.O.	N.D.
11 12	Total Hardness	mg/l	ND	ដ	Q	Ö,	N.D.	ND	N.O.	Q.Z.
12 TA	Total Alkalinity'	mg/l	N.D.	N.D.	ND	9400	10600	455	0866	1580
ដ	'Chloride'	mg/l	ND	2900	2500	Ŋ	2680	3950	6035	200
14 m	Fluoride.	mg/l	510	340	350	N.O.X	350	148	402	375
15 NO3	Nimite.	mg/l	ND	ND	ÓZ	Ŋ	N.D.	N.D.	NON	ND
16 504	'Sulphate'	mg/l	N.D.	20	8	N.D.	N.D.	ND.	N.D.	O'N
17 704	Phosphate,	mg/l	N.	NON	N.D.	Ö,	ΩN	N.D.	Ŋ	N.D.
18 TDS	Total Dissolved Solid	mg/l	29100	2300	17000	OZ	ON	ON.	NON	N.D.
19 K	"Porassium"	mg/l	ND.	O'N	N.D.	O Z	ND	ND	ND	N.D.
20 CO3	'Carbonate'	mgA	N.D.	NON	Ν̈́Ω	N.D	N.D.	N.D.	N.D.	N.D.
21 HCOS	Bicarbonate.	√Sœ	ė.	N.O.	N.D.	QN	N.D.	N.D.	N.D.	Ö,
2018 22	Silica.	//sm	N.D.	N.D.	O'N	ND	N.D.	N.D.	N.D.	CN
	NOTE		N.D. means "not detected	or detected.						

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As a specific fraction of contract			Sampling Date							ing the second
No. Item		Unit	30/12/76	14/02/77	26/02/80	23/08/82	07/09/83	18/01/85	24/10/85	
1 PH	Potential of Hydrogen'		10.4	10.3	N.D.	10.4	10.2	10	10.6	
2 TB	Turbidity.	**	19	55	ND	N.D.	QN	\$	R	
, g	.Colour		. 150	250	ďΧ	E.	7	150	100	-
4 PNO	Permanganate No.	l/Sm	N.D.	N O	Ŋ	Q.N.	9	\$66	853	
S EC	Electric Conductivity'	m.mhos/cm	26800	16000	11800	14000	11000	00089	19500	
७	Tron.	mg/l	0.1	0.3	2.5	0.8	ΩN	10	9.0	
۲ گ	'Manganese'	√8m	0.1	0.1	0.3	0.3	2.4	0.3	0	
ర &	'Calcium'	mg/l	ND	ΩN	1.5	4.5	1.9	1.7	4	
9 MG	'Magnesium'	тgЛ	N.D.	Ä,	0.1	1.1	4	0.5	22	
10 NA	.Sodium.	mg/l	Ŋ	N O	Ω̈́	Ω̈́Z	άχ	N.O.	Ö	
EL II	Total Hardness'	₩S⁄I	ND	Ö.	8	18	Ν̈́Ω	12	100	
12 TA	Total Alkalinity'	√Su u	N.O.	19800	N.D.	N.D.	9054	18900	18500	
ដ	'Chloride'	గ్రజ్	4260	4150	955	1632	3124	2800	3700	
14 F	'Fluoride'	₩ VSW	150	ď	N D	202	200	435	450	
15 NO3	'Nimite'	mg/l	Ö.Z.	Z.O.	N.O.	Ö,	Z Q	Z Q	N N	
16 SQ4	'Sulphate'	mg/J	N.D.	N.D.	N.D.	Ŋ	O.N.	101	7	
17 904	Phosphate,	mg/l	N.D.	N.D.	Ö	N.D.	Ö.Z	N.D.	N.D.	
	Total Dissolved Solid	mg/l	ÖZ	5 98	N.D.	Ϋ́O.	0099	40800	11700	
	'Potassium'	mg/l	ŊŊ	N.D.	N.D.	N.D.	Ö Z	ND	Ŋ	
28 28	'Carbonate'	mg/l	Ö,Z	N.D.	N.D.	N.D.	N.D.	N.D.	Ö,Z	
21 HCO3	'Bicarbonate'	mg/l	N.O.	N.O.	N.O.	N.D.	Ċ	Ω̈́	N'N	
22 \$102	'Silica'	mg/l	ND	N.D.	N.D.	ND	N.D.	N.D.	N.D	
	NOTE	••	N.D. means "not detected.	or derected.						

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LAKE NAKURU - RIVER NDERIT MOUTH

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A Company of the Comp			Sampling Date							
No. Item		Unit	24/02/75	18/04/75	15/05/75	29/03/76	04/08/76	15/10/76	04/11/76	
Hd I	Potential of Hydrogen'		8.5	8.7	8.9	8.5	8.9	8.2	5	
2 TB	Turbidity'		8	105	SS	550	245	300	35	
o. GR	'Colour'		140	400	750	200	300	150	200	
oN9 4	Permanganate No.	mg/l	717	32	Z P	N.D.	Q'Z	N.Ö.	Ö.Z.	
S	Electric Conductivity'	m.mbos/cm	2600	2700	2250	2390	220	089	2000	
6 TE	_iron_	mg/l	₹	. 13	O'N	N.D.	35	N.D.	N.D.	
7 MN	'Manganese'	mg/l	0.1	0.5	0.3	NO	N.D.	O.Z.	0.1	
క «	'Calcium'	mg/l	5.6	Ý	N	N.D.	N.D.	O'N	N.	
WG 8	'Magnesium'	mg/l		₽-4	N.D.	N.D.	N.D.	N.D.	N.D.	
5 OI	.Sodium	ngm	Ν̈́Ω	N.D.	N. Ö.	N.D.	N.D.	ND	O.N.	
11	Total Hardness'	иgu	18	20	N.D.	14	N.O.	9	ΩN	
12 TA	Total Alkalinity	ng/l	ND	ND	N.O.	N.D.	O.Z	20	Ν̈́Ω	
ដ	'Chloride'	m&V	144	160	140	N.D.	1349	Ó	138	
14 F	Fluoride	₩ W	ਲ	32	8	N.D.	35	0	O'N	
15 NO3	Nimite'	mg/l	N.D.	N.D.	NO.	N.D.	N.D.	N N	ND	
16 504	'Sulphate'	₩S/V	45	39	48	ND	Ö.Z.	0	N.D.	
17 704	Phosphate,	иSи	N.D.	N.O.	N.D.	N.D.	Q'Z	QX	O'N	
SCT 81	Total Dissolved Solid	mg/l	N.D.	N.D.	N.	N	Ν̈́Ω	ΩN	N	
19 K	Potassium.	mg/l	QZ	ND.	N. G.	ND.	N.D.	ÖZ	N.O.	
80 03	'Carbonate'	mg/l	NON	N.D.	Ö,	N.D.	N.D.	N.O.	N.O.	
21 HCO3	Bicarbonate	mg/l	ďχ	Ä	N.O.	N.O.	Ö,	O'Z	OZ	
22 STO2	Silica	mg/l	N.D.	O.D.	N.D.	N.D.	CN	ND	N.D.	
	NOTE		N.D. means"not detected	ot detected.						a see

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LAKE NAKURU - RIVER NDERIT MOUTH

And the second of the second o	Amount of the second sec		Sampling Date	The second secon			A CONTRACTOR OF THE CONTRACTOR	
No. Item		Unit	01/12/76	30/12/76	25/01/77	14/02/77	18/02/82	
HA I	Potential of Hydrogen'		1.6	6	10.1	10.3	01	
2 JB	Turbidity.		46	8	61	40	8	
e And	'Colour'		240	8	200	125	100	
4 PNO	Permanganate No.	mg/l	N.D.	Š.	ND	N.D.	N.D.	
S EC	Electric Conductivity'	m.mhos/cm	1900	2060	15000	16000	13000	
6 距	_ron_	mg/l	2.6	1.7	0.2	0.3	4.1	
ZZ.	Manganese,	₩ W	0.1	ÄĎ.	0.1	0.1	0.4	
ర ∞	'Calcium'	mg/l	N.D.	N.D.	N.D.	N.D.	Ϋ́Ω	
9 MG	'Magnesium'	l∕gm	N.D.	N.D.	N.D.	Ω̈́	Ö,	
IO NA	.Sodium.	mg/J	ÖZ	N.D.	N.	Ω̈́Z	Ŋ	
11 TH	Total Hardness'	₩g/l	16	ND	N,D,	N.D.	N.D.	
12 TA	Total Alkalinity	mg/l	1300	N. O.	N.D.	13200	Ω̈́	
5 5 6	Chloride	mg/l	124	1065	3025	3950	N.D.	
14 11	'Fluoride'	mg/l	•	22	N.D.	ÖZ Y	Ω̈́	
15 NO3	Nighte	mg/l	Ö,	N.Ö.	N.D.	ÖZ	Ċ	
16 504	'Sulphate'	mg/l	0.3	N.D.	0.5	ÖZ	Z O	
17 804	'Phosphate'	√8m	Ċ	N.O.	Ϋ́D	Ϋ́	ďΧ	
SQT 81	Total Dissolved Solid	√8w	Ö.	N.O.	N.D.	Ŋ.	Ő Z	
79 X	'Potassium'	√Sw	Ö	N. Ö.	ΩN	ÖZ	N.D.	
20 003	'Carbonate'	₩ V3m	N.D.	Ν̈́O.	ď,N	Ċ Z	Ω.Χ.	
21 HCO3	'Bicarbonate'	ng/u	N.O.	Ω̈́N	N.D.	Ŋ	N.O.	
22 \$102	'Silica'	₩.	Ö,	N.D.	N.D.	N,D,	O'N	
	NOTE		N.D. means "not detected	or detected.				

												. •												
	22/10/85	10.6	08	200	585	17500	m	0	φ	75	Ν̈́Ω	140	17900	4100	575	N.D.	3.3	N.D.	10500	NO	N.D.	Ω̈́	ND	
	18/01/85	100	82	8	N.D.	70800	2.6	1.4	5.2	63	N.D.	81	19300	3900	443	N.D.	173	N N	42000	Ŋ	N O	Ö,Z	Z Z	
	14/01/83	7	4	N.D.	N.D.	190	11.6	0.1	•	1.6	Ŋ	83	8	13	ND	N.O.	2	N.D.	114	N. O.	NON	N.D.	ΩZ	
	31/05/82	6.9	55	N.D.	758	12000	19	0.5	9.9	2.6	N.D.	24	19200	1127	180	Ŋ	480	O.N.	92	Ŋ	N.	N.D.	N.D.	
	10/09/75	L.	50	200	7	150	7	N.D.	8 4	15	N O	8 2	N.D.	9	-	N.D.	-	N.D.	255	S.	N.D.	NO.	N.D.	or detected.
Sampling Date	21/08/75	350	38	350	സ	N O	∞ : _{1,}	0.1	7.5	N.D.	N.D.	17	N.D.	19	↔	Ö	3	ND	9	N.D.	ND	N.D.	N.D.	N.D. means "not detected
ι, γ	Unit				mg/l	m.mhos/cm	mg/l	l/Sm	mg/l	mg/l	mg/l	mgA	mg/l	mg/J	mg/l	mg/l	Ngm	mg/l	√8w	√2m	√Sm	V8m	mg/t	
		Potential of Hydrogen'	Turbidity'	.Colont,	Permanganate No.	Electric Conductivity'	Tron	'Manganese'	'Calcium'	Magnesium,	Sodium.	Toral Hardness'	Total Alkalinity	'Chloride'	Fluoride	Nimie.	'Sulphate'	Phosphate:	Total Dissolved Solid'	"Potassium"	'Carbonate'	Bicarbonate.	Silica	NOTE
The state of the s	No. Item	Ha I	2 TB	a GR	A PNO	S EC	6 FE	7 MN	ర ∞	9 MG	10 NA	11 13	L2 TA	10.00	14 F	IS NO3	16 804	7. 8	SCT 81	19 K	20 CO3	21 HCO3	22 SIO2	

Market Special Section (1988)			Sampling Date				A STATE OF THE STA		- 1 - 1		: 1
No. Item		Unit	21/08/75	10/09/75	31/05/82	18/01/85	21/08/85	22/10/85			
Hd 1	Potential of Hydrogen		6.7	6.8	6.6	10	6.9	10.6			
2: 73	Turbidity'		15	S	78	¥	74	92			
S. GR	Colour		. 160	92	N.D.	100	170	175			
oNG 4	"Permanganate No."	mg/l	M	· •	190	165	20	543			
SEC	'Electric Conductivity'	m.mhos/cm	83	*	909	8000	8	19000			
6 距	"Iron"	mg/l	1.2	2	7	22	7.3	1.2			
7 MN	'Manganese'	√Su	Ö,	9.0	0.3	0.8	0.1	0			
ક જ	'Calcium'	mg/l	4	3.5	NON	6.0	0.4	*			
o MG	'Magnesium'	m Ngm	Z Z	1.9	1.3	6.0	0.3	109			
10 NA	.Sodium.	₩ VSuu	Ω̈́Z	Ŋ	N.D	Ω̈́Z	N	Ν̈́Ω			
11 TH	Total Hardness	mg/l	10	12	8	12	16	200			
12 TA	Total Alkalinity	mg/l	N.D.	N. O.	2400	19300	58	19300			
13 G	'Chloride'	mg/l	\$	9	100	1270	4	4050			
14 F	'Fluoride'	mg/l	0	0	7	453	.	575			
15 NO3	Nitrite,	mg/l	Ö.Z.	Ω̈́	Ω̈́	N.D.	Q'N	N.D.			
16 504	'Sulphate'	mg/l	6	Ŋ	1.3	110	1.8	503			
17 PQ4	Phosphate	mg/l	N.D.	Ω̈́	Ω̈́	Z,	Z,	Ŋ.Ď.			
SQT 81	Total Dissolved Solid'	mg/l	120	165	3600	48000	ጃ	11400			
19 K	'Potassium'	₩ V\$W	Ω̈́N	N.D.	N.D.	NO	NΩ	N.D.			
20 CO3	'Carbonate'	√8m	Ŋ.Ď.	Q	Ŋ.	Q	Ν̈́D	Ö.		:	
21 HCO3	'Bicarbonate'	l/gm	QZ	Ω̈́N	O.Z	Ν̈́Ω	Ω̈́Z	Ŋ			
22 SIO2	'Silica'	mg/l	N.D.	N.D	CN	ND	N.D.	NΩ			1
-	NOTE	•	N.D. means "not detected	or detected.							

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Sampling point

(1/2)

No. Item Unit 27/08/76 04/09/76 14/02/77 07/09/83 18/02/20 1 PH Potential of Hydrogen 9/9 10.2 10.3 10.4 10 2 TB Turbidity 505 300 300 250 2 85 4 PNO Permanganate No. mg/l N.D. N.D. N.D. N.D. N.D. N.D. 5 EC Theorist Conductivity m.m.mhostem 2000 2400 1000 11000 2000 4.7 5 EC Theorist Conductivity m.m.mhostem 2000 2400 1000 1000 2000 4.7 7 MN MAG Magnesium mg/l N.D. N.D. N.D. N.D. N.D. A.7	, (,			Sampling Date						
PH Potential of Hydrogen* 9.9 10.2 10.3 10.4 TB Turbidity 205 300 300 250 2 CLR Colour* 500 300 300 55 N.D. FNO Permanganate No.* mg/l N.D. N.D. N.D. N.D. N.D. N.D. FNO Permanganate No.* mg/l N.D. N	No. Item		Unit	27/08/75	02/09/76	04/09/76	14/02/77	07/09/83	18/02/82	
THE Turbidity 505 300 250 2 CLR Colour 500 300 55 ND. PNO Permanganate No. mg/l ND. ND. ND. ND. ND. ND. EC Electric Conductivity m_mhos/cm 25400 24400 16000 11000 EE Toof Nanganese	1 PH	"Potential of Hydrogen"		6'6	10.2	10.3	10.3	10.4	01	
CLR Colour 500 300 55 N.D. PNO Permanganate No.* mg/l N.D. N.D. N.D. N.D. N.D. 3 EC Electric Conductivity m.m.hos/cm 20000 25400 24400 16000 11000 MX Vanganesium* mg/l N.D. N.D. N.D. N.D. N.D. CA Calcium* mg/l N.D. N.D. N.D. N.D. N.D. CA Calcium* mg/l N.D. N.D. N.D. N.D. N.D. CA Calcium* mg/l N.D. N.D. N.D. N.D. N.D. NA Yagnesium* mg/l N.D. N.D. N.D. N.D. N.D. NA Yagnesium* mg/l N.D. N.D. N.D. N.D. N.D. N.D. NA Total Altainuty mg/l N.D. N.D. N.D. N.D. N.D. N.D.	2 TB	Turbidity,		205	300	300	250	2	85	
PNO Permanganate No.* mg/l N.D.	3. Q.R	Colour		800	300	300	55	N.D	Z.O.	
EC Electric Conductivity m_mhos/em 2000 25400 24400 16000 11000 MS Tool MD ND ND 0.3 ND 10 MS Valcium' mg/l ND ND ND 0.1 1 CA Calcium' mg/l ND ND ND ND 24 MG Magnesium' mg/l ND ND ND ND ND 24 MG Magnesium' mg/l ND ND ND ND ND ND NA Sodium' mg/l ND ND ND ND ND ND NA Sodium' mg/l ND ND ND ND ND ND ND ND NA Sodium' mg/l ND ND ND ND ND ND NA Tool I Dail Mg/l ND ND ND ND ND	4 PNO	Permanganate No.	mg/l	Ŭ.Z.	ď	N.D.	N.D.	es	Ω̈́Z	
Tool	s EC	Electric Conductivity	m.mhos/cm	20000	25400	24400	16000	11000	20000	
MAR Yanaganese mgf N.D. N.D. N.D. 0.1 1 CA Calcium mgf N.D. N.D. N.D. N.D. 2.4 MG Yaganesium* mgf N.D. N.D. N.D. N.D. N.D. N.D. 2.4 NA 'Sodium* mgf N.D. N.D.<	三 9	Iron.	1% m	N.O.	ND	ND	0.3	N.D.	4.7	
CA Calcium' mg/l N.D. N.D. N.D. 2.4 MG Magnesium' mg/l N.D. N.D. N.D. N.D. N.D. NA Sodium' mg/l N.D. N.D. N.D. N.D. N.D. TH Total Hardness' mg/l N.D. N.D. N.D. N.D. N.D. N.D. TA Total Hardness' mg/l N.D.	NW P	Manganese,	mg/l	N.O.	N. Ö.	N.D.	0.1		0.3	
MG Wagnesium* mg/l N.D.	క ∞	'Calcium'	l/Sm	ND	N.D.	N.D.	N.D.	2.4	4.7	
NA Sodium* mg/l N.D. N.D. <t< td=""><td>9 MG</td><td>"Magnesium"</td><td>mg/l</td><td>Z.D.</td><td>N.D.</td><td>NO</td><td>N.O.</td><td>Ω̈́N</td><td>0.7</td><td></td></t<>	9 MG	"Magnesium"	mg/l	Z.D.	N.D.	NO	N.O.	Ω̈́N	0.7	
The Total Hardness mg/l N.D. N.D. N.D. 10 TA Total Alkalinity mg/l 455 1580 9980 19800 8732 CL Chloride mg/l 148 375 402 N.D. N.D. F Fluoride mg/l N.D. N.D. N.D. N.D. N.D. NOS Vibrite mg/l N.D. N.D. N.D. N.D. N.D. SO4 Sulphae mg/l N.D. N.D. N.D. N.D. N.D. PO4 Phosphae mg/l N.D. N.D. N.D. N.D. N.D. TDS Total Dissolved Solid mg/l N.D. N.D. N.D. N.D. N.D. CO3 Carbonate mg/l N.D. N.D. N.D. N.D. N.D. HCO3 Silica mg/l N.D. N.D. N.D. N.D. N.D. SIQ2 Silica N.D. <t< td=""><td>10 NA</td><td>'Sodium'</td><td>ngu</td><td>N.N.</td><td>N.D.</td><td>Ŋ</td><td>Ö.</td><td>Z O</td><td>ď</td><td></td></t<>	10 NA	'Sodium'	ngu	N.N.	N.D.	Ŋ	Ö.	Z O	ď	
TA Total Alkalinity mg/l 455 1580 9980 19800 8732 CL Chloride' mg/l 3950 500 6053 4150 1824 F Fluoride' mg/l N.D. N.D. N.D. N.D. N.D. NO3 Nütrite' mg/l N.D. N.D. N.D. N.D. N.D. NO4 Fluoride' mg/l N.D. N.D. N.D. N.D. N.D. NO4 Thosphate' mg/l N.D. N.D. N.D. N.D. N.D. TDS Total Dissolved Solid' mg/l N.D. N.D. N.D. N.D. N.D. N.D. TDS Total Dissolved Solid' mg/l N.D. N.D. N.D. N.D. N.D. N.D. CO3 Carbonate' mg/l N.D. N.D. N.D. N.D. N.D. N.D. HCO3 Silica' mg/l N.D. N.D. N.D. N.	EL II	Total Hardness'	mg/l	Z O	N.D.	N.D.	N	10	60	
CL. Chloride' mg/l 3950 500 6053 4150 1824 Fluoride' mg/l 148 375 402 N.D. <	12 TA	Total Alkalinity	mgA	455	1580	0866	19800	8732	4820	
Thirding Thirding	13 13	'Chloride'	mg/l	3950	88	6053	4150	1824	1201	
NO3 Nütrite* mg/l N.D.	14 7	'Fluoride'	иgи	148	375	402	Ŋ.	N.D.	45	
SQ4 Sulphace mg/l N.D.	15 NOS	Nitrite'	ng/u	ÖZ	ND	N.D.	N.D.	O'N	N.D.	
PO4 Thosphate* mg/l N.D.	16 804	Sulphare,	mg/l	QZ	N.D.	N. Q.	N.D.	N.D.	096	
TDS Total Dissolved Solid* mg/l N.D.	17 804	Phosphate	Mg/l	N.D.	N.D.	N.O.	N.D.	ď.	Z. U.	
K Potassium' mg/l N.D. N.D. N.D. N.D. COS Carbonate' mg/l N.D. N.D. N.D. N.D. HCO3 Tsicarbonate' mg/l N.D. N.D. N.D. N.D. S1O2 Silical N.D. N.D. N.D. N.D. N.D. NOTE N.D. N.D. N.D. N.D. N.D.		Total Dissolved Solid	ng/l	OZ	Š	Š.	O'N	0009	1200	•
COS 'Carbonate' mg/l N.D. N.D. N.D. N.D. HCO3 Bicarbonate' mg/l N.D. N.D. N.D. N.D. SIO2 Silical NOTF N.D. N.D. N.D. N.D. NOTF NOTF N.D. means "not detected.		"Potassium"	₩ W	N.D.	N.D.	N.D.	N.D.	N.O.	N.D.	
HCO3 Bicarbonate mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	20 CO3	Carbonate	ngm	N.O.	N.O.	N.D.	Ö Z	N.D.	Ν̈́Ω	
SIO2 Silica M.D. Mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	15	'Bicarbonate'	mg/l	N.D.	N.D.	N.O.	N.O.	Ω̈́	Ν̈́Ω	
NOTE NOTE		"Silica"	mg/l	N.D.	N.D.	N.D.	ŊŊ	ND	N.D.	
		HON	•	N.D. means "n	ot detected.					

(5/2)

	The second secon		Sampling Date		We will be a second of	Age of the second secon				*		
No. Item		Unit	31/05/82	18/01/85	22/10/85						4 1 4	
1 PH	Potential of Hydrogen'	7.	6.6	10	9'01		,			*- :		
2 TB	Turbidity.	ji k	32	31	32			•			j.	: :
3 CLR	Colour	• • •	. ND	200	150			vi.				
4 PNO	Permanganate No.	mg/l	N.D.	594	8							
S EC	'Electric Conductivity'	m.mhos/cm	14000	78000	19500							
6 記	'Iron'	₩ V	1.8	17	0.5		·					
7 MR	'Manganese'	l⁄3€	0.1	0.7					-			
ქ ∞	.Calcium.	VSm	3.9	3.9	∞							
9 MG	Magnesium.	₩ Väw	0.4	121.3	2	1						
10 NA	.Sodium.	V8m	ÖZ	O Z	ΩN					•		
H H	Total Hardness	₩g/I	12	12	4							
12 TA	Total Alkalinity'	mg/J	2260	189020	700							
13 CL	'Chloride'	₩g⁄l	1274	3110	17500							
1.7 1.0	'Fluonde'	V\$₩	165	442	3350							
15 NO3	Nigite.	mg/l	Ω̈́Z	ND	OZ				. •			
16 SQ4	Sulphate.	mg/J	80	111	2.8							
17 PQ4	Phosphate.	ng.	ΩZ	N.D.	QZ							
SQT 81	Total Dissolved Solid'	mg/J	828	46800	11700							
19 K	'Potassium'	mg/l	Ω̈́Z	N. D.	ďΖ							
20 CO3	'Carbonate'	ngA	O Z	N.D.	QZ							
21 HCO3	'Bicarbonate'	mg/l	Ω̈́N	N'O	N.D.							
22 \$102	"Silica"	mg/l	O.N	Q	CN							
	NOTE	••	N.D. means "not detected	or detected.								

			Sampling Date							
No. Item		Unit	17/05/77	29/07/77	30/08/77	25/10/77	21/11/72	19/12/77	30/01/78	23/02/78
PH	'Potential of Hydrogen'		7.8	8.5	83	8.6	9.8	8.1	8.2	8.3
13	Turbidity'		15	o.	7	1	60	∞	4	9
G.R.	.Colour		40	\$	\$	8	30	40	8	15
ONA	Permanganate No.'	mg/l	NO	29	42	36	ጸ	39	47	21
EC	Electric Conductivity'	m.mhos/cm	ΩZ	310	280	300	290	255	380	291
品	Iron.	mg/l	0.4	07	0.2	0.1	0.1	0.3	0.2	0.5
ZX	Manganese,	Mg/l	0.5	0	0.1	0.3	0.3	0.5	0.3	0.5
ర	'Calcium'	1/Su	O'N	N	N.D.	∞	7.7	6.5	ď. Ž	ď
MG	'Magnesium'	mg∕l	O'N	N.D.	NO	4.6	3.4	7.6	N.D.	Ŋ.
NA C	'Sodium'	mg/l	N.O.	ΩN	NO	35	35	N.D.	O Z	N.
田二	Total Hardness'	l∕gm	O'N	148	8	88 88	79	\$	81	47
2 TA	Total Alkalinity	mg/n	240	136	119	136	128	126	192	132
ი მ	'Chloride'	Mg m	01	%	15	14	15	2	18	13
μ, τ	Fluoride'	mgл	•	ΩN	N.D.	-	N.D.	0	74	ND
IS NO3	Nimite.	mg/v	O.N	ND.	N.D.	N.O.	N.D.	Ŋ	N.O.	Z, U,
16 SQ4	Sulphate.	Ngm	.O.N	N.D.	N.D.	Ω̈́.	ND	N.D.	S	Ω Z
	Phosphare,	ng/l	0.1	ND	N.D.	N.D.	N.O.	0	0	NON
18 TDS	Toral Dissolved Solid'	mg/l	N.D.	A,	N Ö	N.O.	N.D.	N.D.	N.D.	N.D.
19 K	Potassium.	mg/l	N.D.	N.D.	N.D	N.D.	N.D.	NON	N O N	N
\$00 &	Carbonate	mg/l	QZ	N	Q'N	ND	N. D.	Ω̈́N	NO	NON
21 HCO3	Bicarbonate [*]	mg/l	ÖZ	N Ö	N. G.	N.D.	N.D.	N.D.	ď.	QZ
2018		Va ™	ND	N.D.	O.N.	N.D.	N.D.	N.D.	ND	ΩN

										- 1	
		The second of th		Sampling Date							
Š.	Item		Unit	30/03/78	26/04/78	04/09/78	20/09/78	29/10/78	30/11/78	25/01/79	02/17/20
Ä	Ы	Potential of Hydrogen		8.3	8.1	8.3	8.3	8.4	80	∞.	8.4
43	E.	Turbidity'		m	의 -	S	m	V	. 4	9	8
<u>ෆ</u>	GR	.Colom.		V)	8	15	8	8	S	N.D.	7
4	PNO	Permanganate No.	mg/l	25	27	32	83	4	N.D.	N.D.	Ŋ
S	<u> </u>	Electric Conductivity	m.mhos/cm	195	165	8	250	760	N.O.	300	240
\$	田田	Iron	ng/u	0.4	0.3	0.2	0.2	0.3	0.1	1.1	T
7	Ž.	'Manganese'	√8w	0.3	0.2	0.2	0.3	0	0.2	0.4	7.0
∞	ઇ	Calcium	mg/J	N.D.	N.D.	7.7	12.6	7	N.D.	22.3	27.4
φ.	MG	'Magnesium'	mgЛ	Ö,N	Ŋ.	9.9	10.2	ND	N.D.	7.1	13
2	Ą	'Sodium'	//Sw	N.D.	ND	29.1	19.5	ND	NO	ND	N.O.
Ħ	王	Total Hardness	√Sw.	73	જ	47	73	8	156	69	69
2	TA	Total Alkalinity'	mg/J	126	124	123	123	115	N.D.	123	122
13	ಕ	'Chloride'	₩.	155	11	91	00	12	O'N	17	01
4	ÇE _e	Fluonde	mg/l	Ö,Z	N.D.	ÖZ	 4	Ν̈́D.	N.D.	 4,	-
33	NO3	'Nirite'	₩ _M	Ω̈́Z	Ŋ	ÖŻ	Ω̈́	O Z	O'N	Ŋ	N
92	S S	'Sulphate'	mg/l	ZOZ	N.D.	ĊŻ	ÖZ	QN	N.D.	N.D.	Z.D
7.1	ğ	'Phosphate'	l∕gm	ÖZ	0	0.1	0.5	0	0	0	0
81	TDS	Total Dissolved Solid'	mg/l	ÖZ	Ö,	OZ	Ŋ	ΩZ	NO	N.D.	Z.O.
51	×	"Potassium"	mg/l	N.D.	N.D.	Z, Ö,	Ŋ.	N.D.	N.D.	N.D.	N.O.
ន	SOS	'Carbonate'	mg/n	Z, Z	N, D,	Ϋ́	Ŋ	O.Z	ΩN	Ŋ	ΩN
21		'Bicarbonate'	ng/u	Q	N.D	N.D.	QN	NO	Ŋ	N O	N.D.
:23	STO2	"Silica"	mg/l	N.D.	N.D.	N.D.	N O	N.D.	N.D.	ND	N
		NOTE	••	N.D. means "not detected	or detected.						

			Sampling Date							
No. Item		Unit	29/05/79	26/04/82	06/05/82	10/01/83	22/01/83	06/09/83	17/11/83	16/12/83
H.	Potential of Hydrogen'		7.8	7.1	8.2	8.1	7.1	8.2	8.3	7.9
e e	Turbidity'		40	QN	Q	m,	\$	2	63	ॐ
ä	'Colour'		S	150	01	N.D.	Z.	N.D.	N.D.	NO
ONA	Permanganate No.	√Sm	12	758	32	35	51	\$	32	#
EC	Electric Conductivity	m.mhos/cm	300	700	9	560	290	230	270	36
35	Tron	mg/l	ND	22	1.4	0.8	4,8	N.D.	ď.	Z
Z.	'Manganese'	mg/l	0.2	4.0	0.2	0.1	0.3	N.D.	Q	Z.
S 1	'Calcium'	√Sm	18.1	8.4	83	52	28	21.6	20.8	73
MG	'Magnesium'	Mg/π	7.8	5.8	7.6	7.7	9.5	8.8	6.3	9
δZ o	'Sodium'	mg/l	Ö.S.	Ω̈́	0	ďΧ	QN	N.O.	Ŋ	Z
1 11	Total Hardness	V8m	ÖZ	OZ	8	82	88	82	78	90
2 IA	Total Alkalinity	ng/	120	8	<u>25</u>	186	148	128	124	16
р В	'Chloride'	mg/l	· ·	8	13	11	6	12	13	16
ή. Γι	'Fluoride'	ng/u	<u></u>	142	,	-		~	7	
s NO3	Nigrie.	ng/u	ND	Ŋ	N.D.	N.D.	N.O.	N.D.	Z, O,	N.D.
\$000	'Sulphate'	\2m	8.0	N	N.D.	8.0	0.3	0.4	9.0	લ
7 7	Phosphate,	ng∕l	O'N	ND	OZ	N.D.	0.2	Q'N	NON	Z
SCI 81	Total Dissolved Solid	Mg/A	N.D.	Ω̈́	N.D.	156	174	138	162	
19 K	Potassium.	√Su.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	NO.	Z
20 03	'Carbonate'	ng/n	O N	Ŋ	ND	N Q	ď.	N.D.	N'O	Z
21 HCO3	"Bicarbonate"	Мgш	N.D.	N.D.	N.D.	N.D.	Z. Ö.	N.D.	Ö.N.	Ö'N
2012 22	Silica.	mg/l	N.D.	ND	N.D.	N.D.	N.D.	N.D.	N,D,	Z

(3/5)

LAKE NAIVASHA

2GD01

		Sampling point	••	2GD01	LAKE NAIVASHA	;;;A	3	(4/5)				
		The comments of the comments o		The state of the s	Sampling Date							
	No. Item	Içm		Unit	20/07/85	21/08/85	23/10/85	24/10/85	25/10/85	28/02/86	28/04/86	13/04/86
ľ,	يسو	PH	Potential of Hydrogen		7.6	8.1	9.5	9.1	6	8.9	7.6	8.3
	71	13	Turbidity'		14	100		6	12	2	28	15
	ເກ	GR	'Colour'		\$	8	01	v,	5	N.D.	10	4
	4	PNO	Permanganate No.	l/gm	16	83	X	\$	\$	Q'N	15	15
	ν'n	ည္ထ	'Electric Conductivity'	m.mbos/cm	88	330	902	310	320	385	335	320
	ø	臣	Tron	mg/l	ri-1	0.1	0.4	0.3	0.3	N.D.	2.1	0.7
	7	MN	'Manganese'	mg/l	0.1	0.1	0	0	. •	N.D.	0.2	0.1
	∞ :	క	'Calcium	√Sm	16	31	Ξ	22	22	N.D.	14	13.4
	δ.	MG	Magnesium'	mg/l	9.9	15.8	20	9	N.D.	N.D.	20	7.8
	ဂ္ဂ	¥	'Sodium'	mg/l	Ġ.N	115	Ω. Ω	Q	Ŋ	O'N	43	38
	<u></u>	H	Total Hardness'	mg/v	88	134	110	35	8	92	8	\$
:	32	TA	Total Alkalinity'	mg/l	102	172	302	166	168	156	160	168
	ប្ប	ರ	'Chloride'	иgи	15	19	47	15	15	9	17	15
	4) (i.	'Fluoride'	µg∕v	4	3	4	p=4	7	64	7	2
	23	NO3	Nighte.	mg/l	Ö	Ν̈́Ω	N.D.	Ŋ.	O.Z.	N.D.	N.O.	ď.
	9	SO 4	'Sulphare'	mg/l	2.8	Ν̈́	16	0.8	0.3	Ν̈́Ω	0.3	9.0
•	17	8	Phosphate	mg/l	0	Ω̈́	0	0	N.D.	N.D.	0	0
	38	TDS	Total Dissolved Solid	mg/l	228	Ω̈́	420	186	192	231	201	192
	51	×	'Potassium'	mg/v	Ω̈́Z	Ν̈́	Q Z	Ŋ	ND	N.D.	N.D.	N.D.
	ଯ	803	'Carbonate'	mg/l	N.D.	N.D.	N.D.	N.D.	N.D.	N. O.	N.O.	N.D.
	73	HC03	'Bicarbonate'	mg/l	N.O.	Ν̈́Ω	N.D.	N.D.	N.D.	Ö Z	O N	N.O.
	3	SIO2	'Silica'	/3m	QX	Ŋ	O Z	N.D.	N.D.	NO	ΩN	Z

N.D. means "not detected.

																• .									
								٠.								•				•					
		13/03/88	8.8	140	1000	21	492	2.5	9.0	4	4	87	190	188	4	3.4	N O	0.3	Q	282	Ω̈́	ΩN	N.D.	ND	
	·	16/04/87	8.7	*	8	-	396	0.3	0.2	12	01	45	78	182	19	2.1	Ŋ.	0.2	0	238	Z O	ΩZ	Ω̈́Z	ND	
(5/5)		02/02/87	8.9	S	88	16	385	4	0.4	8.9	8.2	Х,	72	ই	19	1.9	N.O.	0.3	0	230	N.D.	Ŋ	N.D.	N.D.	
(\$)		28/10/86	8	22	٠. ده	0	385	6.9	0.5	6.9	7.2	48	75	148	18	∞	N Ö	5.6	0.1	230	N.O.	N.D.	Ω̈́	CN	
HA		16/10/86	9.8	45	V)	61	370	1.5	0	16	σ,	4	74	162	18	73	N.D.	17	0.1	223	9	N.D.	N.D.	N.D.	M detected.
LAKE NAIVASHA	Sampling Date	01/08/86	δ.	16	20	13	330	6.0	0.2	12	7.5	49	80	146	71	7	N.D.	0.3	0	198	N.D.	N.D.	N.D.	ND	N.D. means "not detected
2GD01		Unit				mg/l	m.mhos/cm	l/gm	mg/l	ng M	mg/l	l/gm	√8w	mg/l	₩ Vâw	mg/l	mg/l	mg∕\2	l/Sm	mg/l	mg/l	l/gm	mg/l	mg/l	••
••			Potential of Hydrogen	Turbidity'	'Colour'	Permanganate No.	Electric Conductivity'	Iron	'Manganese'	'Calcium'	Magnesium	Sodium	Total Hardness'	Total Alkalinity	'Chlonde'	Fluoride.	Nimic.	.Sulphate.	"Phosphate"	Total Dissolved Solid	"Potassium"	'Carbonate'	'Bicarbonate'	'Silica'	NOTE
Sampling point		No. Item	1 PH	2 TB	3. GR	PNO 4	S EC	出 9	7 MN	ಕ ∞	9 MG	NA OI	H H	12 TA	ន ព	Z.	15 NO3	16 504	7. 20.	18 TDS	19 K	20 CO3	21 HCO3	22 SIO2	

			Sampling Date							
No. Item		Unit	01/04/82	78/60/80	07/04/82	03/05/85	07/11/82	25/08/86		
्रसंद ी	Potential of Hydrogen'		7.8	7.8	8.3	7.8	8	7.1		·
2 TB	Turbidity'		N.D.	62	49	81	32	105		
3. GE	Colour,	•	8	\$\$. 58	Q	ND	140		
4 PNO	'Permanganate No.'	mg/l	126	N.D.	32	7	83	7		
S EC	Electric Conductivity'	m.mhos/cm	000	110	8	178	36	180	-	
6 把	Tron.	mg/l	N.D.	61	9.0	NO	Ν̈́D	17.5		
ZW Y	Manganese,	mg/l	N.D.	0.3	N.D.	Ŋ	O'N	0.5		
క ∞	'Calcium'	mg/l	ďχ	7	37	17.2	17.6	5.7		
9 MG	'Magnesium'	l∕gm	NON	7.3	8	7.4	4.9	5.8		
10 NA	'Sodium'	ИSШ	ÖZ	Ö,	N.D.	O.N.	N.D.	11		
11 TH	Total Hardness	1∕Sm	Ċ	8	184	40	\$	61		
12 TA	Total Alkalinity'	₩8⁄J	Ω̈́Z	N.D.	7.1	14	\$	78		
13 Q.	'Chloride'	mg/l	50	01	28	9	σ.	7		
14 F	'Fluoride'	mg/l	ÖÖ	N.D.	0	Ω̈́Z	0	0		
15 NO3	Nimic.	mg/l	Ö,N	Ö,Z	N.D	Ω̈́N	N.D.	0.3		
16 504	'Sulphate'	Ng E	01	4.3	1.5	0.3	1.8	0.3		
17 804	Phosphate,	mg/l	Q'Z	Ö Z	Z.O.	0.2	0.5	0		
SCT 81	Total Dissolved Solid'	V⊗m	7	73	360	101	%	110		
19 K	Potassium:	√8m	Ö,N	Ö.	Q Z	N.D.	ď.	χ̈́Ω		
20 03	'Carbonate'	V8₩	ÖZ	QZ	O'N	Ω̈́N	N.D.	Ω̈́Z		
21 HCO3	'Bicarbonate'	mg/J	O'N	N.D.	Ŋ. Ŋ	QN	Ν̈́D.	N.O.		
22 S102	'Silica'	mg/l	O,N	ND	N.D.	QN	N.D.	ΩN		i
	NOTE	••	N.D. means "not detected.	or detected.						

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	16/02/88	7.9	7	v,	7	1078	N.D.	QX	ቋ	42	145	408	209	50		N.D.	7.8	0.1	747	N.D.	N.D.	Z.O.	N.D.	
	12/10/87	8.2	13	Ŋ	N.D.	1365	0.5	N'D	39	*	143	403	200	2	-	N.D.	φ.	0.1	819	ND.	N.D.	ŊŊ	N.D.	7040040
Sampling Date	26/08/87	7.7	80	8	88	630	Ŋ	6.3	23	18	36	157	214	17	.	Ν̈́Ω	N.D.	Ŋ.	378	N.D.	N.D.	NO	N.D.	peacesep accum consum C. M.
	Unit				mg/l	m.mhos/cm	y‰ u	mg/l	mg/l	ng⁄n	√gm	mg/l	mg/v	ngm	mg/l	mg/l	mg/l	mg/l	ng/l	mg/l	mg/l	Mg/I	mg/l	•
		Potential of Hydrogen'	Turbidity'	'Colour'	Permanganate No.	Electric Conductivity'	Trog	'Manganese'	'Calcium'	'Magnesium'	Sodium,	Total Hardness'	Total Alkalinity'	'Chloride'	Fluoride,	Nurite.	'Sulphate'	'Phosphate'	Total Dissolved Solid	Pornssium,	'Carbonate'	Bicarbonate.	'Silica'	
	No. Item	띮	ŧ	g g	ONA	公	品	Z	ర	MG	AZ.			ឋ			SO4 .		SOT 8		\$60			•
	Q	~	N	Ċ	4	Ś	Ø	~	00	9	25		2	1	7	N	16	17	38	19	ଛ	21	٧,	

				Sampling Date							1	
Ö	No. Item		Unit	08/01/83	18/03/83	01/05/83	£8/60/80	24/11/83	06/03/84	18/50/10	12/10/87	
~	Н	Potential of Hydrogen'		7.1	7.7	7.8	7.2	6.7	7.7	7.2	7.4	
~	É	Turbidity'	. *	32	18	63	23	8	13	62	6	
(0)	CLR CLR	Colour,		Q'N	Ŋ	ď.	Q	N.D.	5	85	8	
4	ONA	Permanganate No.	mg/l	91	61	79	rin	ਲ	25	10	prof	
٧'n	ည္သ	Electric Conductivity'	m.mhos/cm	16	160	178	8	8	200	132	330	
ø	丑	'Iron'	mg/l	4.6	Ŋ	NON	Z Q	ND	N.D.	2	N.D.	
~	MN	'Manganese'	Ngm M	0.3	NO	7	Ω̈́	N.D.	N. D.	0.3	N.D.	
00	ర	'Calcium'	mg/l	8	10.4	7.2	4.8	6.4	14	1.1	27	
6	MG	'Magnesium'	l/gm	3.9	7,4	7.4	4,4	4.9	4.8	3.2	6.5	
ខ្ព	Ą	.Sodium,	mgA	ÖZ	Ν̈́Ω	Ω̈́	N.Ö.	N.D.	N.D.	12	38	
11	王	Total Hardness	VSw.	34	\$2	07	30	28	26	42	77	
21	TA	Total Alkalinity'	l/gm	46	35	14	36	. 12	99	\$	110	
Ş	ರ	'Chlonde'	mg/l	∞	4	9	2	\$9	13	6	23	
14	į. Įtų	'Fluoride'	MgM	0	0	O.N	0	0	0	0		
15	NOS	'Nimie'	√Sw.	Ŋ,	Q	N.O.	N.D.	N.D.	Ŋ.	Ö.	N.D.	
36	Š	'Sulphate'	√Sm	Ö,Z	2.5	0.3	2.1	1.7	7	0.3	5.3	
17	8	Phosphate,	ng/v	0.1	0.1	0.2	Ŋ	0.1	0	0.2	0.1	
82	SCIT	Total Dissolved Solid	₩ W	\$\$	%	107	36	36	120	N.O.	234	
19	×	'Potassium'	ng Value	Ω̈́Z	QZ	Ŋ	N.D.	N.D.	Ŋ	Ŋ	O Z	
8	CO	'Carbonate'	mg/l	Ω̈́N	N.D.	Ν̈́Ω	Ö.	N.O.	O.Z.	N.D.	N.D.	
~	HC03	'Bicarbonate'	mg/l	N.D.	Ŋ.Ď	N.D.	N.O.	Ω.N	N.D.	N.O.	N.D.	
8	SIO2	'Silica'	mg/l	N,D,	QN	ΩN	ND	NON	CZ	N.D.	QZ	
:		NOTE	••	N.D. means "not detected	iot detected.							

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 | ₩. mg/l | ₩
W | mg/l | l/gm | μgη
 | V3m | mg/l | •• |
| | Potential of Hydrogen | Turbidity" | .Colour,

 | Permanganate No.

 | Electric Conductivity'

 | "Iron"
 | Manganese.
 | 'Calcium'
 | 'Magnesium' | Sodium | Total Hardness' | Total Alkalinity | 'Chloride'
 | Fluoride. | Nimite.
 | 'Sulphate' | Phosphate. | Total Dissolved Solid" | "Potassium" | 'Carbonate'
 | Bicarbonate | - 100 Silica | NOTE |
| No. Item | Hd I | 2 TB | 3 G.R

 | 4 PNO

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 | 9 MG | 10 NA | 臣二 | 12 TA | ដ
 | LL Z | 15 NO3
 | 16 504 | 7. 80 | 18 TDS | 79 X | 20 CO3
 | 21 HC03 | 22 STO2 | |
| | Unit 03/09/82 13/01/83 08/09/83 04/11/83 06/03/84 | Unit 03/09/82 13/01/83 08/09/83 04/11/83 06/03/84 08/05/8 Potential of Hydrogen 6.2 6.3 6.9 7.3 7.4 | Unit 03/09/82 13/01/83 08/09/83 04/11/83 06/03/84 08/05/84 <th< th=""><th>Unit 03/09/82 13/01/83 08/09/83 04/11/83 06/05/84 08/05/84 <th< th=""><th>Unit 03/09/82 13/01/83 08/09/83 04/11/83 06/03/84 08/05/84 <th< th=""><th>Unit 03/09/82 13/01/83 08/09/83 04/11/83 06/05/84 08/05/84 <th< th=""><th>Unit 03/09/82 13/01/83 08/09/83 04/11/83 06/03/84 08/05/84 <th< th=""><th>Totential of Hydrogen' 6.2 6.8 6.9 7.3 7.4 08/05/84 08/05/</th><th>Torential of Hydrogen' Colour' 6.2 6.8 6.9 7.3 7.4 08/05/8</th><th>Potential of Hydrogen' Unit 03/09/82 13/01/83 08/09/83 04/11/83 06/03/84 08/05/84 08/05/84 08/05/84 08/05/84 08/05/84 08/05/84 08/05/84 08/05/84 08/05/84 08/05/84 08/05/84 08/05/84 08/05/84 08/05/84 08/05/84 08/05/84
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6.4	23	\$	20	15	1.6	ÖZ	1.8	18	Ö.	177	8	4	0	Ω̈́N	0.3	N.D.	23	OZ	Ö,	O'N	N.D	
6.2	21	2	2	162	Ö,	N.D.	4	63	g	18	જ	20	0	Ω̈́ Ω̈́	9.0	0	46	Ω̈́Z	Ω̈́Z	Ŋ	N.D.	r detected.
6.4	18	\$	N.D.	280	1.6	0.1	2.2	8.0	27	16	74	9	0	Ω. N	1.2	0.1	168	N.D.	N.D.	N.D.	O.D.	N.D. means "not detected.
	5		mg/l	m.mhos/cm	V8m	mg/l	mg/l	₩ V&w	ľ⁄8₩	l⁄gm	V8w	mg/l	mg/J	mg/l	mg/l	mg/l	mg/J	ng∕l	mg/l	√8m	mg/l	
Potential of Hydrogen'	Turbidity'	.Colon.	Permanganate No.	'Electric Conductivity'	Tron'	'Manganese'	'Calcium'	'Magnesium'	.Sodium.	Total Hardness'	Total Alkalinity	Chloride.	'Fluoride'	'Nitrite'	'Sulphate'	Phosphate	Total Dissolved Solid'	"Potassium"	'Carbonate'	'Bicarbonate'	'Silica'	NOTE
Hd I	2 TB	3 CLR	4 PNO	S EC	6 形	7 MN	જ જ	♦ MG	NA OI	11 TH	12 TA	13 CL	14 F	15 NO3	16 504	17 88	SQT 81	19 K	20 CO3	21 HCO3	22 SIO2	
	Potential of Hydrogen' 6.2	Potential of Hydrogen' 6.2 Turbidity' 18 21	Potential of Hydrogen 6.4 6.2 Turbidity 18 21 'Colour' 5 10	Potential of Hydrogen 6.4 6.2 Turbidity 18 21 'Colour' 5 10 'Permanganate No.' mg/l N.D. 10	Potential of Hydrogen 6.4 6.2 Turbidity 18 21 'Colour' 5 10 'Permanganate No.' mg/l N.D. 10 'Electric Conductivity' m.mhos/cm 280 162	Potential of Hydrogen 6.4 6.2 Turbidity 18 21 'Colour' 5 10 Permanganate No. mg/l N.D. 10 'Electric Conductivity' m.mhos/cm 280 162 'Iron' mg/l 1.6 N.D.	Potential of Hydrogen 6.4 6.2 Turbidity 18 21 'Colour' 5 10 Permanganate No.' mg/l N.D. 10 'Electric Conductivity' m.mhos/cm 280 162 'Iron' mg/l 1.6 N.D. 'Manganese' mg/l 0.1 N.D.	Potential of Hydrogen 6.4 6.2 Turbidity 18 21 'Colour' 5 10 Permanganate No. mg/l mg/l 1.0 Talectric Conductivity m.mhos/em 280 162 Tron' mg/l 1.6 N.D. 'Manganese' mg/l 0.1 N.D. 'Calcium' mg/l 2.2 4	Potential of Hydrogen 6.4 6.2 Turbidity 18 21 'Colour' 5 10 Permanganate No. mg/l N.D. 10 'Electric Conductivity' m.mhos/cm 280 162 'Iron' mg/l 1.6 N.D. 'Wanganese mg/l 0.1 N.D. 'Calcium' mg/l 2.2 4 'Magnessium' mg/l 0.8 2	PH Potential of Hydrogen' 6.4 6.2 TB Turbidity' 18 21 CLR 'Colour' 5 10 PNO Permanganate No.' mg/l N.D. 10 EC 'Electric Conductivity' m.mhos/cm 280 162 FE 'Iron' mg/l 1.6 N.D. MN 'Wangancse' mg/l 0.1 N.D. CA 'Calcium' mg/l 2.2 4 MG 'Wagnesium' mg/l 0.8 2 NA 'Sodium' mg/l 27 22	PH Potential of Hydrogen' 6.4 6.2 TB Turbidity 18 21 CLR 'Colour' 5 10 PNO Permanganate No. mg/l N.D. 10 EC 'Electric Conductivity' m.m.hos/cm 280 162 FE 'Iron' mg/l 1.6 N.D. MN 'Manganese mg/l 0.1 N.D. CA 'Calcium' mg/l 2.2 4 MG 'Magnessum' mg/l 0.8 2 NA 'Sodium' mg/l 16 18 TH Total Hardness' mg/l 16 18	PH Potential of Hydrogen' 6.4 6.2 TB Turbidity' 18 21 CLR 'Colour' 5 10 PNO Permanganate No.' mg/l N.D. 10 EC 'Electric Conductivity' m.mhos/cm 280 162 FE 'Iron' mg/l 1.6 N.D. MN 'Wangancse' mg/l 0.1 N.D. CA 'Calcium' mg/l 2.2 4 MG 'Wagnessium' mg/l 0.8 2 NA 'Sodium' mg/l 27 22 TH Total Hardness mg/l 74 50 TA Total Alkalinity' mg/l 74 50	PH Potential of Hydrogen' 6.4 6.2 TB Turbidity' 18 21 CLR 'Colour' · 5 10 PNO Permanganate No.' mg/l N.D. 10 FNO Permanganate No.' mg/l 1.6 10 FC Telectric Conductivity' m.mhos/cm 280 162 FE Tron' mg/l 1.6 N.D. MN 'Manganese' mg/l 2.2 4 MG 'Magnesium' mg/l 0.1 N.D. NA 'Sodium' mg/l 27 22 TA Total Hardness' mg/l 72 50 TA Total Alkalinity' mg/l 74 50 CL 'Chloride' mg/l 6 70	PH Potential of Hydrogen' 6.4 6.2 TB Turbidity' 18 21 CLR Colour' 5 10 PNO Permanganate No. mg/l N.D. 10 EC Electric Conductivity' m.mhos/cm 280 162 FE Tron' mg/l 1.6 N.D. MN 'Manganess' mg/l 0.1 N.D. CA 'Calcium' mg/l 2.2 4 MG 'Magnesium' mg/l 0.8 2 NA 'Sodium' mg/l 27 22 TA Total Alkalinity' mg/l 74 50 CL 'Chloride' mg/l 6 70 F Fluoride' mg/l 0 0 0	PH Potential of Hydrogen 6.4 6.2 TB Turbidity' 18 21 CLR 'Colour' 5 10 PNO Permanganate No. mg/l N.D. 10 FNO Tectnic Conductivity' m.m.hos/cm 280 162 FE Tron' mg/l 1.6 N.D. MN 'Manganese mg/l 0.1 N.D. CA 'Calcium' mg/l 0.2 4 MG 'Wagnesium' mg/l 0.3 2 NA 'Sodium' mg/l 27 2 NA 'Sodium' mg/l 74 50 TA Total Hardness mg/l 74 50 CL 'Chloride' mg/l N.D. N.D. NO3 'Nitrite' mg/l N.D. N.D.	PH Potential of Hydrogen' 6.4 6.2 TB Turbidity 18 21 CLR Colour' 5 10 PNO Permanganate No. mg/l N.D. 10 FNO Permanganate No. mg/l N.D. 10 FC Tron' mg/l 1.6 N.D. FE Tron' mg/l 0.1 N.D. MN Wanganese mg/l 0.1 N.D. CA Calcium' mg/l 0.1 N.D. NA Sodium' mg/l 1.6 18 TA Total Hardness mg/l 7.4 50 CL Chloride mg/l 6 70 F Fluoride mg/l N.D. N.D. NO3 Nitritie' mg/l 1.2 0.6 SO4 Sulphate' mg/l 1.2 0.6	PH Potential of Hydrogen' 6.4 6.2 TB Turbidity' 18 21 CLR Colour' 5 10 PNO Permanganate No. mg/l N.D. 10 FC Telectric Conductivity' m.mhos/cm 280 162 FE Tron' mg/l 1.6 N.D. MN Wanganese mg/l 0.1 N.D. CA Calcium' mg/l 2.2 4 MG Wagnessium' mg/l 0.3 2 NA Sodium' mg/l 2.2 4 NA Sodium' mg/l 2.2 4 NA Sodium' mg/l 7.2 22 TA Toral Hardness mg/l 7.4 50 CL Chloride' mg/l 6 70 F Fluoride' mg/l 0.1 0.1 NO3 'Nitrite' mg/l 0.1 0.1	PH Potential of Hydrogen' 6.4 6.2 TB Turbidity' 18 21 CLR Colour' 5 10 PNO Permanganate No. mg/l N.D. 10 PNO Permanganate No. mg/l 1.6 N.D. 10 FC "Electric Conductivity" mg/l 1.6 N.D. 16 N.D. FE "Iron' mg/l 0.1 N.D. A A MN "Manganese mg/l 0.1 N.D. A A CA "Calcium' mg/l 0.3 1.2 A MG "Magnesium' mg/l 0.8 2 A NA "Sodium' mg/l 1.6 1.8 1 TA Total Hardness mg/l 1.6 1.8 1 TA Total Alkatinity mg/l 1.6 1.0 0 TA Total Alkatinity mg/l N.D. N.D.	PH Potential of Hydrogen' 6.4 6.2 TB Turbidity' 18 21 CLR 'Colour' 5 10 PNO Permanganate No. mg/l N.D. 10 PNO Permanganate No. mg/l N.D. 10 PNO Permanganate No. mg/l N.D. 10 EC Electric Conductivity' mg/l 1.6 N.D. MN 'Magnesium' mg/l 0.1 N.D. MN 'Ndagnesium' mg/l 0.1 N.D. MN 'Ndagnesium' mg/l 0.3 2.2 4 MN 'Ndagnesium' mg/l 0.3 0.1 0 0 MN 'Ndagnesium' mg/l 7.4 50 1.0 1.0 0 NA 'Ndignesium' mg/l 0 0 0 0 0 0 TA Total Alkatinity' mg/l ng/l 0 0 0	PH Potential of Hydrogen' 6.4 6.2 TB Turbidity 18 21 CLR Colour' 5 10 PNO Permanganate No. mg/l N.D. 10 EC Telectric Conductivity' m.m.mos/cm 280 162 FE Tron' mg/l 1.6 N.D. MN Wanganese mg/l 0.1 N.D. MN Vangraesium' mg/l 0.2 4 MG Vagenesium' mg/l 0.3 2 NA Sodium' mg/l 0.3 2 NA Vagenesium' mg/l 0.3 0 TH Total Hardness mg/l 7.2 50 TA Total Hardness mg/l 7.2 50 CC Chloride' mg/l N.D. 0 NO3 Nitrite' mg/l N.D. 0 NO4 Phosphate' mg/l N.D. 0	PH Potential of Hydrogen 6.4 6.2 TB Turbidity 18 21 CLR Colour 5 10 PNO Permanganate No. mg/l N.D. 10 PNO Permanganate No. mg/l 1.6 N.D. PNO Permanganate No. mg/l 1.6 N.D. FE Tron Magnesium' mg/l 0.1 N.D. MN Wagnesium' mg/l 2.2 4 MG Wagnesium' mg/l 0.8 2 NA Sodium' mg/l 1.6 18 NA Sodium' mg/l 7.4 50 TA Total Hardness mg/l 7.4 50 TA Total Allalinity' mg/l N.D. N.D. NO3 Wiltrie' mg/l N.D. N.D. NO4 Phosphate mg/l N.D. N.D. N K Potal Dissolved Solid' mg/l	PH Potential of Hydrogen 6.4 6.2 TB Turbidity 18 21 CLR Colour 5 10 PNO Permanganate No: mg/l N.D. 10 PNO Permanganate No: mg/l 1.6 N.D. 10 PNO Permanganate No: mg/l 1.6 N.D. 10 <

Sampling point

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			Sampling Date					
No. Item		Unit	28/02/82	30/10/83	14/04/84	24/10/86	05/02/87	
1 PH	Potential of Hydrogen'		7.3	7.9	8.6	8.3	8.7	
2 13	Turbidity.		539	نې	22	∞	14	
an an	'Colour'		Q.X.	ND	140	S	S	
ONG 4	Permanganate No.	√8m	01	អ	11	\$	60	
S	Electric Conductivity	m.mhos/cm	220	220	200	320	086	,
6 記	Tron,	l/gm	43	N O N	0.5	1.2	6.0	
ZW Z	'Manganesc'	mg/l	6.0	Ŋ	ΩZ	0.1	0.1	
& &	'Calcium'	l/Sm	7	12	31	7	39	
6 MG	'Magnesium'	1/Su	σ.	01	15	42	፠	
52 S2	.Sodium.	mg/l	Ω	O'Z	ΩN	N.D.	N O N	
11	Total Hardness'	mg/l	\$	72	136	\$	566	
12 TA	Total Alkalinity	mg/l	100	126	142	100	272	
ដ ជ	'Chloride'	ng/l	8	01	20	31	76	
14 万	'Fluoride'	l/gm	0	7	•	 4	-	
15 NO3	Nimite,	ngu	Q	Z. Ö.	N.D.	N. O.	N.D.	-
16 504	'Sulphate'	mg/l	Ŋ.Ŋ.	4	17	-	83	
17 704	Phosphate	ng/l	N.D.	Ω̈́N	ND	N.D.	N.D.	
SQT 81	Total Dissolved Solid	mg/l	132	132	300	192	588	
	Potassium	mg/l	N.O.	ďΝ	O'N	N.D.	N.O.	
20 CO3	'Carbonate'	₩ W	O'N	N.D.	Q Z	N.D.	N.O.	
	'Bicarbonate'	mg/l	N.D.	N.D.	N.O.	N.D.	CN	The second secon
22 STO2	'Silica'	mg/l	O.N.	ND	N.D.	CN	CN	
	NOTE	•	N.D. means "not detected	ot detected.				a ta bili sala sala sa

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Sampling point

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The second secon			Sampling Date							
No. Item		Unic	12/01/76	28/12/82	30/12/82	23/06/83	17/05/83	22/08/83	04/11/83	:
1 PH	Potential of Hydrogen		8.9	7.2	7.7	8.1	∞.	7.8	8.2	
2 TB	Turbidity'		Ω̈́Z	29	2	130	N.D.	12	V	:
3 CLR	.Colour		. 70	N.D.	ÄÖ	Ŋ.	250	N.D.	ND	: .
ond 4	Permanganate No.	mg/l	120	126	95	\$	ŊŊ	Ö.	ଛ	
SEC	Electric Conductivity'	m.mhos/cm	669	280	480	300	310	\$40	700	
6 形	Tron	mg/l	N.O.	4	S	N.D.	N.D.	N.O.	N	
7 MN	'Manganese'	MgA	N.D.	33	1.5	Ö,	Ω̈́.	Ŋ	ND	
ಕ ∞	'Calcium'	mg/	ÖZ	5.7	es	23	8	\$3	13.6	
9 MG	'Magnesium'	mg/l	Z.Z.	14	10	12	12	13	27	
10 NA	.Sodium.	ngv	N.D.	N.D.	Ŋ	Ŋ	ΩZ	N,D,	Q'N	
11 14	Total Hardness'	mg/l	174	18	156	86	N.O.	118	114	
12 TA	Total Alkalinity'	mg/J	Ö.Z	132	114	116	¥	173	210	
ដ	'Chloride'	mg/l	N.D.	8	65	37	8	76	67	
14 F	'Fluoride'	mg/l	Ω̈́Z	1	1			Ö.Ö.		
15 NO3	'Nitrite'	l/Sm	N.D.	O'N	Ω̈́N	N. O.	ΝΩ	N.D.	N D	•
16 SO4	'Sulphate'	mg/l	N.O.	124	105	13.9	S	27	33	
5. \$	'Phosphate'	Ngm	Ω̈́Z	ď.	N.D.	N.O.	N.D.	N.D.	Ω̈́N	
SCT SI	Total Dissolved Solid'	mg/l	Ω̈́Z	348	288	180	186	324	420	
19 K	'Potassium'	₩.	Ω̈́Z	Ġ.	ÖZ	N.D.	o Z	N.D.	N.Ö.	
20 03	'Carbonate'	mg/l	ď.	N.D.	Ŋ.Ď.	Ŋ	N.D.	Ω	N D	
21 HCO3	'Bicarbonate'	ng/	QX	N.D.	N.D.	Ŋ	N.D.	N.D.	N. Ö.	
2018 22	'Silica'	mg/l	Ϋ́D	N.D.	Ω. Σ	O.N.	N.D.	ΩZ	ΩN	
:	NOTE	••	N.D. means "not detected	oot detected.						

: - -			Sampling Date					
No. Item		Unit	12/01/84	27/07/84	22/07/85	10/11/87		
PH	'Potential of Hydrogen'		7.9	8.7	8.5	8	:	
色	Turbidity,		8	30	2	14		
f	'Colour'		8	8	5	' '		
ONA	Permanganate No.	mg/l	17	12	9	7		
ដ្ឋ	'Electric Conductivity'	m.mhos/cm	570	820	¥	1170		
æ	Tron	ng/l	27	N.D.	0.1	Ä,		
Ą	'Manganese'	mg/l	0	N.D.	N.D.	QN Q		
ర	'Calcium'	mg/l	N.D.	31	8	55		
MG	'Magnesium'	mg/	Ö.N	23	6	23		
O NA	Sodium,	ng/n	ND	NO	N.D.	Ω Z		
TH	Total Hardness'	mg/l	122	172	25	288	1 22 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
2 TA	Total Alkalinity	l/Sm	140	236	13.	280		-
В В	Chlonde'	ngm	51	88	ĸ	195		٠
jų.	'Fluoride'	1/2m	4	7				
S NO3	Nimite'	₩S/I	N.D.	N.D.	N.O.	N.D.		
8 80 40	'Sulphate'	mg/l	O.N.	50	21.	æ		
2 2	'Phosphate'	ng.	O'N	Ω̈́Z	Ö,	O Z		
SCT 81	Total Dissolved Solid"	MgM	342	492	206	702		
У 61	"Potassium"	mg/l	ĠN.	N.O.	N.D.	N P		-
\$00 \$2	'Carbonate'	mg/l	N.D.	N.D.	ND.	ΩN		
II HCO3	Bicarbonate	mg/l	ND	N.D.	N.D.	N.D.		1 N. 1
2 SIO2	Silica .	mg/I	N.D.	N.D.	N.D.	N.D.		
	STATE		N.D. means "not detected	or detected	:			

(1/4)

,	According to Approximate the Control of the Control	The second secon		Sampling Date	1						
No.	No. Item		Unit	20/01/82	10/02/82	17/02/82	15/03/82	22/07/82	21/08/82	08/10/85	26/10/82
1	ЪН	Potential of Hydrogen		7.5	7.3	7.8	7.4	6.5	6.4	6.9	7.1
7	e	Turbidity'		ÖZ	6	2	7	55	8	φ	\$
ťΛ	G.R.	'Colour'		93	8	30	S	N.D.	N.D.	8	N.D.
4	PNO	Permanganate No.	mg/l	Ö'N	N O	NON	Ω̈́N	88	13	25	23
ن	Д П	Electric Conductivity	m.mhos/cm	220	86	270	790	130	165	210	170
\$	丑	Tron.	mg/l	Ğ	NO	N.D.	N	5.2	5.1	2.5	N.D.
7	X	'Manganese'	mg/l	0.1	0.7	N.O.	N.D.	9.0	6.0	0.5	0.1
\$	ర	'Calcium'	mgyl	7.7	8.9	∞	5.6	2.4	53	9	00
6	MG	'Magnesium'	mg/l	2.8	4.4	1.9	5.9	1.4	2.2	2.9	1,6
유	NA	Sodium,	\2m	N.D.	Ö,	O'N	O Z	N.D.	Ŋ	N.D.	N.D.
=	芒	Total Hardness'	mg/l	57	48	28	52	N.D.	8	32	25
엁	Y TA	Total Alkalinity'	mgA	36	76	92	8	56	8	8	54
==	d ~	Chlonde,	mgA	30	53	8	20	15	17	82	24
*	ĵi,	'Fluoride'	ng/v	Ω̈́Z	0	0	•	0	0	-	O
71	S NO3	Nurite'	mg/l	Ö,N	Ŋ	ΩN	Ω	ND	N	N.D.	N,D.
×	\$ 504	Sulphate.	mg/	Ö,N	45	9	7	0.3	4	3.5	3.8
, in	200	'Phosphate'	mg/	Ω̈́Z	Ω̈́N	Ŋ	Ä,Ö	N.D.	N.D.	N.D.	N. O.
#	S TDS	Total Dissolved Solid	Ngm	132	180	150	140	87	110	140	113
Ħ.	×	"Potassium"	₩ V\$w	Ö,Z	Ö,N	ÖZ	Ν̈́Ω	Z,	N.D.	Ω̈́N	Ω̈́
র্ম	0 003	'Carbonate'	√Sw	Ŋ.	Ω̈́,Ω	ŊŊ	Ŋ	Ω̈́Z	Ŋ	N.D.	Q Z
N	1 HCO3	'Bicarbonate'	₩g/I	ÖZ	Ö,	Q'N	N.D.	N.D.	N.D.	N.D.	Z.O.
7	22 STO2	'Silica'	mg/l	N.D.	N.D.	Z.	<u>0</u> Z	QN	ND	ΩZ	CZ
	:	NOTE	••	N.D. means "not detected	ot detected.					. :	

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		-	Sampling Date							
No. Item		Unit	09/12/82	31/12/82	07/03/82	18/08/83	01/11/83	13/02/84	22/02/84	02/92/84
五五	"Potential of Hydrogen"		7.1	8.5	7.9	9.9	7	8	7.9	7.3
2 TB	Turbidity*		118	4	73	18	S	4	8	16
3. CLR	.Colour,		Ω̈́Z	N.D.	N.D.	N.D.	ÖZ	15	01	8
4 PNO	Permanganate No.	mg/l	38	55.	88	16	QZ	26	53	98
S EC	Electric Conductivity	m.mhos/cm	100	200	28	186	250	260	215	300
日 9	Tron	mg/l	0.1	93	N.D.	N.D.	N.D.	. →	Ν̈́Ω	0.8
7 MSN	'Manganese'	mgV	0.4	0.1	N.D.	N.D.	N.O.	N.D.	N.D.	Ŋ
ઇ ॐ	'Calcium'	мgЛ	11	3.2	00 00	4	∞	11.2	12.8	11.2
9 MG	'Magnesium'	₩ V&w	3.4	N	5.7	4.4	4.4	2.9	4.4	6.3
10 NA	'Sodium'	ng/	Q'N	ND	N D	Ö.N.	Ö,	N.D.	N.D.	Ŋ
III TH	Total Hardness	1/8m	42	1	42	5 8	38	4	20	2
12 TA	Total Alkalinity	ng∕n	*	8	8	35	5	8	\$	88
ង	'Chloride'	mg/l	∞	22	16	12	!	25	25	07
14 F	Fluonde	mg/v			-	0	Ó	0	0	N.O.
15 NOS	Nimite.	mg/l	Ö Z	Ċ N	N.D.	Z,	Ω̈́.	Ö,	OZ	N.D.
16 SQ4	'Sulphate'	mg/l	V	5.5	10.9	1.4	3.1	5.6	ν	Ġ.
77 20 20	Phosphate.	ngm Ngm	ÖZ	Q.N	N.D.	Ö	N.D.	ΩZ	N.D.	9.0
SQT 81	Total Dissolved Solid'	mg/l	8	120	120	117	150	156	129	180
19 K	"Porassium"	mg/	ND	N.D.	N.D.	NON	Ω̈́N	N.D.	OZ	ND
20 CO3	'Carbonate'	mg/l	ΩN	N.O.	N.D.	N.D.	NO	QN	N.D.	O.Z.
21 HCO3	'Bicarbonate'	mg/l	N.D.	Z.	N.D.	N.D.	N.O.	Ö,	N.D.	N.D.
22 STO2	'Shica'	ms/l	ND	NO	N.D.	N.D.	N	ND	ΩN	ND
The second secon	NOTE	••	N.D. means "n	means "not detected.						

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			Sampling Date				: -		-	
No. Item		Unit	16/11/84	31/10/85	22/01/86	25/01/86	01/03/86	28/02/86	21/04/86	98/90/60
1 PH	Potential of Hydrogen'		7	7	7.5	7.1	7	8.2	7.5	9.9
2 TB	Turbidity'		\$ 8	8	61	8	က္	4	7	110
3 GR	'Colour'		900	Ý	N.O.	83	Ŕ	ND	Ŋ	350
4 PNO	Permanganate No.	mg/l	39	8	Ä,	2	∞	N.D.	N.O.	6
SEC	Electric Conductivity'	m.mhos/cm	190	210	280	150	220	595	280	126
6 HB	"Lon,	mg/l	Ö.Z	4	N.O.	S	2.5	N.D.	N.D.	\$
ZW Z	'Manganese,	mg/l	Ö.Z	0.1	Ö,X	0.2	6.0	N.D.	N.D.	0.2
& Q	'Calcium'	mg/l	8.8	9.6	N.D.	3.3	3.1	Q N	N.D.	0.3
9 MG	'Magnesium'	mg/l	1.4	1.4	Ä	4.7	2.4	N.D.	N.D.	÷
10 NA	,Sodium,	mg/l	ΩZ	N.D.	Ö	N.D.	Ŋ	N.D.	N D	N.D.
11 TH	Total Hardness	mg/l	8	8	56	46	N.O.	78	X	9
12 TA	Total Alkalinity'	√8w	4	52	26	. 19	4	168	92	32
ង	'Chloride'	√8m	20	83	31	10	21	47	31	14
14 F	'Fluoride'	μgμ	1	0		0	~	71		0
15 NO3	'Nimite'	mg/J	N.D.	Ŋ.Ď.	N.D.	N.O.	O'N	N.D.	Ŋ	N.D.
16 SO4	Sulphate,	mg/l	-	N.D.	N.D.	ďΧ	4.	N.D.	N.D.	ń
17 8	Phosphate,	mg/J	Ω̈́N	0.4	N.D.	N.O.	0.4	Ω̈́	N.D.	N.D.
SCIT 81	Total Dissolved Solid'	mg/l	114	126	168	Q.Z.	131	357	168	76
19 К	"Potassium"	mg/l	N N	Ä,	Ö.	Ω̈́Z	N.D.	N.D.	Z, D,	Ŋ. O.
20 CO3	'Carbonate'	mg/l	Ω̈́Z	N.D.	N.D.	Ω̈́Z	N.D.	Ω̈́N	N.D.	Ϋ́D.
21 HCO3	Bicarbonate	mg/	N.D.	Ä,	N.D.	N.D.	N.D.	Ö.	N,D	N O
2018 22	'Silica'	mg/l	N.D.	Z,Ö,	N.D.	N.D.	N.D.	ΝĎ	ΩN	Ċ.Ö.
	NOTE	••	N.D. means "not detected	ot detected.						

			Sampling Date							
No. Item		Unit	27/08/86	11/09/86	28/02/87	15/04/87	26/11/87	15/03/88	18/03/88	10/11/88
1 PH	Potential of Hydrogen'		7	7.1	7.9	7.4	6.1	6'9	7.2	7.4
2 78	Turbidity'		m	01	19	80	47	12	#	8
3 GR	'Colour'		κύ	3	\$0	150	70	85	QN	Ν̈́D.
4 PNO	Permanganate No.	mg/l	` ∞ ,	N.D.	ť	N.D.	N.O.	15	Ω. N	Ó
S EC	Electric Conductivity'	m.mhos/cm	220	335	290	292	403	768	605	300
6 H	Tron	l/gm	0.3	2.6	2.5	6.7	N.D.	0.5	ON	Q Z
7 MR	Manganese.	mg/!	6.0	1.1	1.2	1.2	N.D.	0.2	0.1	0.2
જ	'Calcium'	l/Sm	5.1	6.1	3.7	3.8	22	19	8	4.2
9 MG	Magnesium,	mg/l	2.4	3.3	2.9	3.8	0.5	7.3	53	2.2
10 NA	"Sodium"	m8/v	N D	N O	N.O.	O'N	ďΝ	N.O.	N.D.	NO
11 11	Total Hardness'	mg/l	ů, Ž	46	4.	ጃ	\$8	78	27	42
12 TA	Total Alkalinity'	mg/l	4	78	8	8	62	166	170	28
ង ជ	'Chloride'	mgA	21	83	X	58	89	\$	45	23
14 F	'Fluoride'	ngu	F	-	₩	1		,	 1,	↔
15 NO3	Ninite'	ng/	O Z	ND	N.D.	N.D.	N.D.	N.D.	N	O'N
16 504	Sulphate,	mg/l	4	\$	m	4	61	19	œ	•
17 PQ4	Phosphate.	mgA	N.O.	N.D.	N.D.	N.D.	N.D.	N.O.	N O	Ö.
18 TDS	Total Dissolved Solid	ngu	200	173	173	175	241	247	460	49
	Potassium,	√8m	Ω̈́Z	N O	N.D.	N.D.	ÜZ	Ö	N.D.	N.O.
20 CO3	'Carbonate'	mg/l	ND	N G	N.D.	N.O.	Ŋ.	Ω̈́Z	N.O.	N
21 HC03	"Bicarbonate"	mg/l	ΩZ	N.D.	ND.	N.	UN	ΩZ	NΩ	N.D.
22 STO2	'Silica'	mg/l	N.D.	N.D.	N.D.	N.O.	ND	N.D.	N.D.	N.D.
	SLON		N.D. means "no	means "not detected.		*				

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	Service of the servic		Sampling Date	The State of the S	e en estado en e	A Section Section 2				
No. Item		Unit	13/03/79	26/01/81	02/03/81	24/05/82	15/02/83	29/07/83	07/02/84	
1 PH	Potential of Hydrogen'		7.3	7.2	7.2	7.2	72.	7.6	7.8	
2 TB	Turbidity,		50	N.O.	N.D.	180	2	7	8	
H	Colour		08	N. Ö.	Ω̈́	N.D.	N.D.	N.O.	20	-
4 PNO	Permanganate No.	mg/l	ND	8	61	32	N	49	91	
S EC	Electric Conductivity'	m.mbos/cm	116	300	250	200	8	120	140	
6 E	Tron'	mg/l	6.3	2.4	2.9	7.5	NO	N.O.	2	
7 MR	'Manganese'	mg/1	9.2	0.1	0.3	0.1	N.O.	N.D.	0	
ઇ «	'Calcium'	mgV	2.2	7.1	6.4	7.2	8.8	1.6	S	
9 MG	"Magnesium"	mg/l	5.2	4.6	4.7	2.9	6.3	4,9	8.9	
10 NA	'Sodium'	m Mg	N.D.	Z,	Q	Ω̈́N	N.N.	Q'Z	N.D.	
H H	Total Hardness	mg/J	72	8	4	83	48	24	90 4	
12 TA	Total Alkalinity'	mg/l	8	æ	98	30	62	42	88	
13 0	.Chloride.	mg/l	\$	16	17	4	N.D.	7	9	
14 F	Fluoride.	7⊗m	Ω̈́Z	N.O.	N.D.	0	0	Ö	0	
15 NO3	'Nimic'	ľ⁄8m	ÖZ	Ω̈́Z	Ö,	N.D.	Ŋ	O Z	N.D.	
16 SQ4		Νĝω	Ö,Z	Ω̈́	N.D.	Ω̈́	2.2	N.D.	0.1	
17 88		₩.VSW	Ö,N	Ω̈́	Ω̈́Z	N.D.	Ω Z	Ŋ	N.D.	
SCT 81		l∕2m	Ö Z	Ŋ	ŊŊ	N.D.	ĸ	72	\$	
19 K	'Potassium'	₩g/J	N.D.	Q'N	Ω̈́Z	Ω̈́Z	Ω.N	Ŋ.	Ö Z	
20 CO3		mg/l	Ω̈́Z	OZ	Ŋ	Ŋ	N.D.	N.D.	N.D.	
21 HCO3		mg/l	Q.X.	N.D.	Ö,	Ω̈́Z	N.D.	N.D.	N.D.	
22 \$102		mg/l	N.D.	O'N	N.O.	QN	CN	ND	NΩ	
	NOTE	••	N.D. means "not detected.	ot detected.						

The second secon	The second control of	A Company of the Comp	Sampling Date	an and seeding the seeding of the se						The second of the
No. Item		Unix	19/04/74	12/01/76	14/05/82	12/02/82	28/01/83	10/02/84	12/06/85	
1 PH	Potential of Hydrogen'		6.7	9.9	6.9	6.9	7	7.6	7.1	
2 78	Turbidity'	: -	NON	N.D.	93	91	8	61	88	-
ಇ	'Colour'		8	10	N.O.	N.D.	N.D.	04	140	
4 PNO	Permanganate No.	mg/l	7	က	က	19	46	12	Ö	
SEC	Electric Conductivity'	m.mhos/cm	394	115	105	135	95	117	8	
6 形	Tron	mg/l	Ö,	0.2	5.7	Ŋ	N. O.	1.6	7.5	
7 MN	'Manganese'	mg/l	N.O.	Ö,Z	0.1	Ä,	ON	N.D.	0.4	٠
ક જ	'Calcium'	mg/l	24	18	3.3	Ö.N.	Ŋ	8.8	4.2	
9 MG	'Magnesium'	l/gm	œ	1.5	1.8	80	2.4	2.4	2.6	-
10 NA	'Sodium'	mg/l	O.N.	Ŋ	N.	Ω̈́N	Z D	Ŋ	N	
HI TH	Total Hardness'	V⊗w	92	22	24	72	ហ	32	24	
12 TA	Total Alkalinity'	√8m	Ä,Ö	N.D.	*	7	30	32	4	
ដ	'Chloride'	mg/J	73	٧	Ó	;(23	8	Ś	
14 F	Fluoride.	√Sm	N.D.	0	0	0	0	0	-	
15 NO3	Nimite'	mg/l	N.O.	N.D.	N.D.	N.O.	N.D.	N.D.	Ŋ	
16 SQ4	Sulphate	mg//	35	1.5	Ŋ.Ď.	ÖZ	Ö.	4	0.3	
17 804	'Phosphate'	V3m	N.D.	N.Ö.	N.D.	Ä,Ö	Ö,Ö	N.D.	N.D.	
SCT 81	Total Dissolved Solid'	√gm	240	115	N.D.	.81	84	5	84	
19 K	Potassium,	√gm	N.D.	Ŋ.	N.D.	ď.	Ä.	N.D.	N.D.	
20 CO3	'Carbonate'	mg/l	Q'N	O.Z.	ÖZ	N O	N.O.	ĊŽ	Ω̈́.	
21 HCO3	'Bicarbonate'	l/Su:	Ŋ	Ö,Z	ÖZ	Ċ N	N.D.	N.D.	N.D.	
22 \$102	'Silica'	mg/l	N.D.	N.D.	ND	N.D.	N.D.	O.N.	N.D.	
	NOTE	••	N.D. means "not detected	ot detected.						:

Sampling point

RIVER NZOIA - KIPKAREEN (2/2)

No. Item		Unit	05/10/87	21/02/83	19/02/86	04/11/88			
Hd	Potential of Hydrogen'		6.5	7.4	∞	7.4			
	Turbidity'		48	10	23	40			
œ	'Colour'		150	ÖZ	5	81			
0	Permanganate No.	mg/l	ď,	19	N.D.	O Z	٠.		
	Electric Conductivity'	m.mhos/cm	161	8	160	103			
	"Iron"	mg/l	5.6	Ä,	0.3	7			÷
<i>₽</i>	'Manganese'	ngu	0.1	Ω̈́N	0.1	0.1			
	Calcium	V8₩	2.5	NO	5.6	7.2			
MG	'Magnesium'	ng∕n	2.6	O.X.	2.4	Ω̈́		*:	
٠.	"Sodium"	₩ V&m	Z.Ö.	N.D.	N.D.	Ŋ	٠		
<u>.</u>	Total Hardness'	mg/v	53	33	45	24	1,44		
	Total Alkalinity	mg/l	40	4	8	Ś			
	'Chloride'	mgA	∞	C 1	∞	S	*.	•	
	Fluonde	mg/l	0		-	0		• .	•
83	Nimite'	√Sm	N.D.	N.O.	ď.	N.D.			
4	Sulphate,	mg/l	, QN	-	0.3	0.3			·
ų	'Phosphate'	₩	ÖZ	Ω̈́N	Ω̈́N	QX			
٠ چ	Total Dissolved Solid'	mg/l	46	52	N.D.	62			
19 K	Potassium'	mg/l	QZ	N.D.	N.O.	ď Ž			
<u>რ</u>	'Carbonate'	mg/l	N	Q.N	N.D.	Ω̈́			٠.
21 HCO3	Bicarbonate,	ng/l	N.D.	N.D.	NO	N.D.			
SIO2	Silica.	mg/l	ŊŊ	Q'Z	O'N	Ω 2			

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No. Item 2 TB TB 3 CLR C		Thir	50.00	10,000			4		11 // 6/05	
		Cust	12/01/19	70/10/77	13/05/82	15/02/83	29/07/83	29/05/84	11/00/63	
	Potential of Hydrogen'		7.3	7.2	7.2	7.4	7.6	7.9	7	
	Turbidin'		S	Q.N	180	N.D.	7	89	88	
	Colour,		08	N.D	N.D.	N.D.	N.D.	300	140	
	Permanganate No.	mg/l	Ŋ	28	2	01	44	4	92	
	Electric Conductivity*	m.mhos/cm	311	300	200	8	120	140	110	
型 盟 9	Iron'	mg/l	63	2.4	7.5	N.D.	N.D.	N.D.	8.9	
	'Manganese'	₩\$V	9.2	0.1	0.1	N.O.	N.D.	Ö,	0.2	
	'Calcium'	mg/l	2,2	7.1	7.2	88	1.6	Ŋ,	3.8	
	'Magnesium'	mg/l	5.2	4.6	2.9	63	4.9	52	3.9	
	'Sodium'	mg/l	Ä	Ω̈́Z	N.D.	N.O.	N.D.	Z.O.	N.D.	
	Total Hardness'	mg/l	72	8	83	48	24	40	4	
	Total Alkalinity'	₩g/J	\$0	<u>\$</u>	30	62	42	N.D.	80	
	Chloride,	mg//	\$	16	4	N.O.	63	N.D.	7	
	'Fluoride'	mg/	N.O.	Z,Ö,	0	0	0	0	~	
15 NO3 7	'Nitrite'	mg/l	N.O.	Ŋ.	Ŋ.	N.O.	N.D.	N,D	N.D.	
	Sulphare,	l∕gm Mg/l	O'N	Ω̈́Z	Ω̈́Z	2.2	N.D.	N.D.	N.D.	
17 PQ4 71	Phosphate*	mgA	O Z	Ó.Z.	Q N	N.D.	N.D.	N.O.	N.O.	
	Total Dissolved Solid'	₩ V3m	ÖZ	Ω̈́Z	Ŋ.	8	72	N.O.	· %	
	Potassium'	Vâw	Q	Ω̈́Z	N.D.	N.D.	N.D.	N.D.	N.D.	
, so cos	'Carbonate'	mgA	Ö,Z	ÖZ	Ŋ.	Q Z	ÖZ.	ÖZ	N.D.	
	'Bicarbonate'	NS W	QN	QZ	Ω̈́N	N.D.	NΩ	Ŋ	Ŋ	
22 \$102	Silica.	ľ/su	NO	N.D	N.D.	N.D.	N.O.	N.D.	N.D.	

			4		0000			
	Onit	24/11/86	98/80/80	26/02/87	14/09/88	·		
Potential of Hydrogen		8	7.5	7	7.2			
Turbidity'		43	75	Ŋ	155			
'Colour'		70	230	8	N,Ö,			
Permanganate No.	mg/l	m	Ś	Ŋ	11			
Electric Conductivity' m	m.mhos/cm	340	98	91	29			
Tron,	mg/l	9.0	0.1	0.1	ເກ		:	
'Manganese'	mg/l	0.1	0.3	0.3	0.1		-	
'Calcium'	₩S⁄J	5.1	Q	Q	9.6			
'Magnesium'	mg/l	4	N.D.	Ŋ	1.5			
'Sodiem'	mg/l	ΩZ	Ö	Ŋ	Q'N			•
Total Hardness'	₩8⁄I	54	Z	4	30	·	•	-
Total Alkalinity'	mg/l	72	80	8	30		÷	
'Chloride'	mg/l	S	61	,	v			
'Fluoride'	l/gm		Ŋ	0	0			
Nitrite.	mg/l	Ö.Z	Ŋ	N Ö	N.D.			
'Suiphate'	mg/l	ÖZ	N N	01	0.3			
Phosphate,	mg/l	QZ	Ŋ	Ŋ	N.D.			
Total Dissolved Solid	∥S⁄u	144	8	\$	40		÷	
Potassium	mg/l	O Z	N.D.	N. O.	N.O.		٠	-
.Carbonate	mg/l	QZ	N.D.	NON	N O			
Bicarbonate,	mg/l	QZ	NO	ND	N.D.			
'Silica'	mg/l	N.D.	N.D.	N,D.	N.D.			

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No.	No. Item		Unit	21/08/74	21/09/74	06/02/75	10/02/75	19/03/75	11/04/75	28/05/75	12/09/75
	Ы	Potential of Hydrogen'		7.2	7.1	7.8	8.1	7.4	7.9.	7.1	9.9
7	173	Turbidity'		53	23	QX	N D	. 33	N.D.	208	20
Ø	ដ	'Colour'		120	75	15	15	75	30	300	88
4	PNO	Permanganate No.	mg/l	N N	N.D.	ND	N.D.	N O	N.D.	N.D.	N.D.
Ś	EC	Electric Conductivity'	m.mhos/cm	175	061	330	350	270	320	162	149
ø	田田	Tron.	l/gm	1.8	ę.	9.0	0.4	61	1.4	9	O'N
7	MN	Manganese:	mg/l	Ω̈́Z	0.1	N.D.	0.3	7	Ν̈́Ω	0.1	N.D.
ø	∀	'Calcium'	mg/l	16	10	ଚ୍ଚ	32	23	30	15	N.D.
σ.	MG	'Magnesium'	mg/i	7	12	6.2	6.7	~	6.2	3	N D
10	AN	'Sodium'	mg/l	16	16	23	23	21	23	17	Ω̈́
Ï	TH	Total Hardness'	mg/l	8	72	102	108	8	102	48	4
	TA	Total Alkalinity'	mg/l	ÖZ	N.D.	N.D.	ÖZ	Ö.Z	N.D.	N.D.	N.O.
23	ಕ	'Chloride'	mg/l	m	4	্বা	ເຈ	S	64	S	N,Ö,
14	ŗ. LL	'Fluoride'	ng/n	Q'Z		2	-	-	H	6 3	N.D.
15	NO3	Nimic.	mg/l	Z.D.	Ö.	Ω̈́N	N.D.	N.D.	N.O.	N.D.	Z.
16	\$08	Sulphate,	ng/l	'	Φ	m	4	13	т	4	N.D.
17	ğ	'Phosphate'	µg∕u	Q.Z	Ω̈́	ND	ΩN	N.D.	N.D.	N.D.	N.D.
18	SQT	Total Dissolved Solid'	₩ Ww	200	145	235	280	230	225	245	N. D.
19	×	Potassium'	l∕gm	Ω̈́Z	ΩN	Ω	ΩN	ND	ΩN	QZ	N.D.
8	800	'Carbonate'	Λ <u>y</u> m	Ö,Z	Q'N	N.Ö.	N.D.	N.D.	QN	N.D.	N.D.
77	HCO3	'Bicarbonate'	ng M	Ö.Z.	Ω̈́N	ď,	Ω̈́N	N.D.	ΩN	N	Ŋ
\$3	\$102	'Silica'	mg/l	N,D.	NO	N.D.	N O	ΩZ	ND	NO	N D
:	. •	NOTE	••	N.D. means "not detected	ot detected.						

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			Sampling Date						:	
No. Item		Unit	14/01/76	91/80/61	25/01/77	22/05/78	22/04/79	13/04/82	12/05/82	02/90/1
1 PH	Potential of Hydrogen'		7.5	∞	8.2	7.5	6.9	∞	7.8	7.2
2 TB	Turbidity.		ý	260	115	93	170	32	Ŋ	4
3 CLR	'Colour'		∞	1000	20	150	450	125	O.N.	ΩZ
4 PNO	Permanganate No.	mg/l	Ω̈́N	25	17	16	Ω̈́	126	63	¥
SBC	'Electric Conductivity'	m.mhos/cm	330	140	560	155	120	200	200	36
6 म्ह	'Iron'	mg/l	0.1	Z.	0.4	5.2	0.4	Z.	N. O.	N.N.
7 MR	'Manganese'	ngm	Ŋ	N.O.	0	0.4	2,4	1.1	0.1	Z
ક ∞	'Calcium'	mgA	30	N.O.	N.D.	Ö.	. 13	32	Q	
9 MG	Magnesium,	Ngm M	4.5	N.D.	Ä,	NO	9.6	81	7.9	'n
NA OI	'Sodium'	NS W	25.	NON	NO	N.O.	O.	ΩN	N.D.	Z
11 11	Toral Hardness'	ng/u	8	98	132	65	73	250	72	9
12 TA	Total Alkalinity	₩ Wa	N.D.	8	202	74	\$3	1 2	8	
ಚಿ	'Chloride'	√gæ	30	25	N.D.	4	22	12	4	
14 F	Thoride,	l⁄3m	#	0	ÖZ	N.D.	0	Ö	⊶	
15 NO3	'Nimite'	mg/l	Ö.N	N.D.	N.	QX	N.D.	N.D.	N.D.	Z
16 504	'Sulphate'	√Sm	to.	N. G.	8.5	N.D.	119	5.3	N.O.	Z
7 20	Phosphate.	mg/l	N.D.	0.3	0.2	O.	0.7	ΩN	N	Z
SQT 81	Total Dissolved Solid	n Vs	240	N.D.	N.D.	O'N	N.D.	N.D.	N.D.	Z
19 K	Potassium.	NS EE	N.D.	N.O.	N.D.	N.O.	ND	Ŋ.	N.D.	Z
20 CO3	'Carbonate'	mg/l	N.D.	Q	ND	Ö	OZ	N	ND	Z
21 HCO3	Bicarbonate'	mgA	N.D.	N.D.	N.D.	ND	ND	N.D.	QN.	Z
22 SIO2	'Silica'	mg/l	N.D.	Ω'N	CN	N.D.	N.D.	N.D.	N.D.	Z
	NOTE	4.	N.D. means "not detected	or detected.						

(3/3)

No. Item		Cair	07/02/84	14/08/85	03/04/86	16/07/86	22/09/87	23/09/87	10/03/88	1
1. PH	Potential of Hydrogen		7.8	6.9	7.6	8.7	7.8	7.6	7.4	
2 TB	Turbidity'		23	410	8	300	N.D.	N.D.	N.D.	-
3 CLR	.Colour,		y)	250	009	48	300	N.D.	∞	
4 PNO	Permanganate No.	mg/l	17	ON	14	N.O.	N.D.	N.D.	N.D.	
S EC	Electric Conductivity'	m.mhos/cm	300	240	245	91	1450	140	3900	
5 品	Tron'	₩ Väw	1.8	0.2	2.1	ND	ND	N.D.	Ŋ,	•
7 MN	Manganese,	₩g/I	0	Ω.N	11	N.D.	N.D.	0.1	N.D.	
& CA	'Calcium'	₩	31	N.D.	· 8.9	NO	N,D,	Ŋ	N.D.	
9 MG	'Magnesium'	mg/l	9.2	N	91	ND	N.D.	N.D.	N.D.	
10 NA	.Sodium'	l∕gm	ÖZ	ΩN	25	N.D.	N.D.	N.D.	N.D.	
TH TH	Total Hardness'	√Sm	116	78	ğ	08	436	38	111	
12 TA	Total Alkalinity'	NS W	144	56	136	35		8	148	
ដ	'Chloride'	l⁄3m	9	က်	S	4	61	∞	8	
14 F	'Fluoride'	√3m	0	. 4	-	ND	N.D.	N.O.	0	
15 NO3	Nitrite'	l/8m	N.D.	0.3	0.1	N.D.	2.7	1.7	0.2	
16 504	'Sulphate'	mg/l	9.0	m	0.3	N.D.	Ω̈́.	N.D.	N.D.	
17 PO4	Phosphate'	l/gm	0.2	0.3	0.2	N.D.	0.2	0.3	0.4	
SQT 81	Total Dissolved Solid'	mg/J	180	N.D.	147	Ν̈́.	Ω̈́,	N.D.	N.D.	
19 K	'Potassium'	mg/l	ΩN	ΝΩ	N.D.	N.D.	N.D.	N,D	N.D.	
20 CO3	'Carbonate'	m Ngm	N.D.	N.O.	N.D.	N.D.	N O	Ö,	N.D.	
21 HCO3	'Bicarbonate'	mg/l	ΩZ	N.D.	ND	ΩN	N	Ω̈́	Ω	
22 SIO2	'Silica'	mg/l	ND	N O	N.O.	N.D.	NΩ	O.N.	N.D.	
	NOTE	••	N.D. means "not detected	or derected.		-			:	
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No. Item		Unit	06/02/75	11/04/75	28/05/75	08/08/75	17/09/75	18/05/78	15/04/79	
Hd I	Potential of Hydrogen'		8.3	7.9	7.3	7.1	9.9	7.7	7.1	
2 TB	Turbidity*		ÖZ	N.D.	320	53	88	8	148	
3 CLR	'Colour'		15	40	300	250	125	500	200	٠
4 PNO	Permanganate No.'	mg/l	ÖZ	N.D.	Ŋ	Z.D.	O'N	ΩN	Ŋ	
S EC	Electric Conductivity	m.mhos/cm	350	330	148	185	150	150	200	
6 形	_ron_	mg/	0.2	-	κò	. C1	N. D.	7	7.5	
V MR	"Manganese"	₩ W	N.D.	N.D.	S	N.D.	N.D.	9.0	1.5	
క «	'Calcium'	mg/l	35	32	15	16.8	Q	ND	7.6	
9 MG	'Magnesium'	mg/l	16	∞	4	00	Ŋ	N.D.	20	
10 NA	'Sodium'	mg/l	99	83	15	18	ND	N.D.	N.D.	
11 TH	Total Hardness'	mg/l	110	114	S 8	74	43	63	242	
12 TA	Total Alkalinity	ng.	ŊŊ	ND	N.D.	N.D.	Ö	22	8	
х д	'Chloride'	√8w	ý	,	ø	9	Ν̈́Ω	m	12	
14 F	Fluoride	ng/l	1.5	14	1.4	0.5	ND	N.D.	0.3	
IS NO3	Nimite.	mg/l	N.O.	N.O.	9.0	1.7	N.D.	N.D.	N.D.	
16 504	'Sulphate'	₩ VSm	™	4	. 4	'n	άŻ	N.D.	18.7	
17 PO4	"Phosphate"	l∕8m	ND	Ŋ	Ö,N	QZ	ΩΧ	N.D.	0.4	
SCT 81	Total Dissolved Solid	l∕gm	270	230	260	130	N.O.	N.D.	0	
19 K	"Potassium"	₩ VSm	N.D.	N. D.	ď.	NON	NO	N.D.	ÖN	
20 CO3	'Carbonate'	mg/J	Ŋ Ŋ	ND	QN	NO	ΩN	ND.	Ŋ	
21 HCO3	"Bicarbonate"	mg/J	N.O.	N.D.	N.D.	NO	ND	N.D.	Ω̈́N	ì
22 SIO2	"Silica"	mg/l	O'N	N.D.	N.D.	ND	N.D.	N.D.	N.D.	
	NOTE	••	N.D. means "not detected	or detected.		-				

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			Sampling Date				3			
No. Item		Unit	15/05/82	08/09/82	12/06/84	26/10/84	14/08/85	25/03/86	18/02/87	, , , , , , , , , , , , , , , , , , ,
1 PH	Potential of Hydrogen.		1.7	7.7	7.4	7.5	7.1	∞	7.4	
2 TB	Turbidity'		165	8	88	N.D.	150	8	N.D.	٠
3. GR	'Colour'		ÖZ	N.D.	350	ND	099	240	S	
4 PNO	Permanganate No.	MgM	38	83	28	N.D.	N.D.	6	N.D.	
SEC	Electric Conductivity'	m.mhos/cm	195	140	300	200	185	320	300	
6 RE	'Iron'	V∕Sw	16	ND	0.3	Z.D.	0.1	8.7	0.1	
NM V	'Manganese'	mg/l	0.7	0.3	Ŋ	N.D.	0.2	0.3	9:0	
ర ∞	'Calcium'	1∕8¢u	6	N.D.	53	N.D.	N.D.	10	N.D.	
9 MG	'Magnesium'	₩ W	\$	ND	∞	Ŋ	N.D.	7	N.D.	
10 NA	.Sodium	√8m	N.D.	N.D.	N.D.	Ŋ	N.O.	30	N.D.	
严 11	Total Hardness'	mg/l	48	4	106	N.D.	20	111	20	
12 TA	Total Alkalinity'	Mg∕l	8	76	134	136	78	<u>%</u>	22	
ದಿ	'Chloride'	₩ Wau	9	∞	7	N.D.	4	S	S	
14 년	'Fluoride'	ng∕l	QZ	0.4	0.7	N D	1.4	1.5	0.5	
15 NO3	Nitrite.	₩g⁄l	Ω̈́Z	Ŋ	0.1	Ŋ	2.8	0.1	1.7	
16 SQ4	'Sulphate'	1/gm	ΩZ	0.2	2	N.D.	N.O.	m	N. O.	
17 PQ	'Phosphate'	l∕gm	QZ	0.1	61	N.	0.4	0.2	0.3	
SCT 81	Total Dissolved Solid	ng/I	ΩZ	93	180	N.D.	N.D.	61	N.D.	
19 X	'Pocassium'	∩g/u	Ö.Z	N.O.	N.D.	N.D.	N,D	N.D.	N.D.	
20 CO3	'Carbonate'	mg/l	OZ	N.D.	N.D.	Ω̈́N	N.O.	N.D.	Ω̈́Z	
21 HCO3	'Bicarbonate'	mg/l	ÖZ	N.D.	N.D.	N.D.	N.D.	N.O.	Ω Z	
22 STO2	'Silica'	mg/l	ΩZ	ΩN	N.D	N D	ND	ND	N.D.	
	NOTE	••	N.D. means "not detected	or detected.						

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			Sampling Date							
No. Item		Unit	22/09/87	03/06/22	22/08/87		,			
Hd I	'Potential of Hydrogen'		7.4	7.1	7.9					
2 TB	Turbidity'		Ö.Z.	N.D.	N.D.					
3 C.R.	'Colour'	٠	160	300	350					
ONG >	Permanganate No.	mg/l	O'Z	Ν̈́Ω̈	Ö,N					
S EC	Electric Conductivity'	m.mhos/cm	200	400	1180					
6 FE	Tron.	mg/l	NON	N.D.	N.D.	÷				
V MR	'Manganese'	mgA	QZ	9.0	N.D.					
ర ∞	'Calcium'	mg/l	Ω̈́Z	N.D.	NO					
9 MG	'Magnesium'	mg/l	Ő.Z	N.D.	N.D.					
10 NA	.Sodium.	mg/J	Ω̈́	N.O.	O'N				÷	
11 1	Total Hardness'	mg/l	100	108	4					
12 TA	Total Alkalinity	₩.	142	158	8		-		٠.	
ន	Chloride,	mgV	σ	9	S		٠.	.•		
72	Fluoride.	ngu Va	Ü	03	N.D.					
15 NO3	Nimite'	mg/l	-	7	8.0				1.4	
16 504	'Sulphate'	mg/l	ÖZ	Ω̈́	N.D.		. N.		**:	
17 704	Phosphate.	mg/l	0.4	9.0	0.2	٠.		:		
SCT 81	Total Dissolved Solid'	mg/l	N.D.	Ö,	Q'N				ž [†] v	
19 K	Potassium.	mg/l	N.D.	ND	N.O.					
20 03	'Carbonate'	mg/l	ÖZ	QZ	N O		** .			:
21 HCO3	"Bicarbonate"	ng/l	ND.	Ċ O	N.D.					
2018 22	Stica	1/3m	O'N	N.D.	Ω̈́Ω	And the second s				
A SA	ELON		N.D. means "not detected	ot detected.						

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No. Item		Unit	21/08/74	21/09/74	20/02/75	06/03/75	11/04/75	28/05/75	24/06/75	20/08/75
HaI	Potential of Hydrogen'		8	7.7	7.8	8.6	8.1	69	7.1	7.4
2 TB	Turbidity.	1 m	42	32	ΩX	ON	NO	365	170	65
3 GR	Colour,		8	100	8	8	40	400	250	480
4 PNO	Permanganate No.	mg/l	N	ND	N.D.	ND	NO	N.D.	N.D.	Ö.
SEC	Electric Conductivity	m.mhos/cm	220	215	760	310	315	148	160	165
出 9	Tron	mgA	1.6	Ω̈́X	0.8	9.0	1.8	∞	Ś	3.3
7 MN	'Manganese'	mg/l	Ω̈́Z	N.D.	0.2	ND	N.D.	 4	0.1	0.1
క ∞	'Calcium'	√8m	22	8	36.8	36	32	11	16.8	15
9 MG	'Magnesium'	√Sm	\$	7	6.7	7	7.7	4	5.8	ب
10 NA	.Sodium,	₩ W	16	14	22.8	27	22	12	11.8	13.5
HI II	Total Hardness	√&m	82	. 78	120	86	112	28	8	8
12 TA	Total Alkalinity'	V\$w	Ö,Z	N.D.	N	Z,	ď.	Ŋ,	N.D.	N.Ö.
ដ	'Chloride'	Mg/l	М	4	4	4	7	4	m	W
14 7	Fluonde	₩w	Ö.Z	g-ma		,	,	p⊶i	p.v4	
15 NO3	Nimie,	mg/l	0.8	N.D.	Ŋ	Ω̈́N	N.D.	8.0	1.7	N.D.
16 504	'Sulphate'	√Sw w	4	W	∞	4	4	4	N.O.	1.3
17 204	Phosphate,	√Sw	Ω̈́Z	Ŋ	Ö.	Ö.	Z.	Ü,	N.O.	N.D.
SQT 81	Total Dissolved Solid'	mg/l	190	150	250	200	235	320	280	250
19 K	"Potassium"	₩8⁄J	N.D.	N.D.	N.D.	N.D.	N.O.	ď,	N.D.	Z.D.
20 CO3	'Carbonate'	mg/J	Ö,Z	N.D.	N.D.	N. D.	N O	Ω̈́	Ω Z	Ω
21 HCO3	Bicarbonate	mg/l	N.D.	ND	N.D.	Z.O.	Ν̈́Ω	N.D.	N.D.	Ŏ Z
22 \$102	'Silica'	mg/l	ΩZ	N,O	N.D.	ND	ΩN	QN	O.N.	N D
	NOTE	••	N.D. means "not detected	ot detected.					÷	

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			Sampling Cate							
No. Item		Unit	15/01/76	19/04/76	19/08/76	19/04/79	12/05/82	04/10/83	08/02/84	05/95/60
1 PH	"Potential of Hydrogen"		7.6	7.3	∞	7.7	7.8	7.4	7.7	8
2 TB	Turbidity.		30	2700	260	153	92	36	21	45
3 GLR	.Colour,		75	280	1000	700	N.D.	Ö.N	Ś	750
ona 4	Permanganate No.	mg/J	N.D.	N.O.	25	Ω̈́	32	28	22	89
S EC	Electric Conductivity*	m.mhos/cm	310	N.D.	140	200	200	140	315	250
是 9	'Iron'	mg/l	0.4	N.D.	Q'N	3.2	6.4	Ω̈́N	2.6	0.2
N N	'Manganese'	mg/l	N.D.	N.D.	N.D.	1.1	0.1	N.D.	N.D.	OZ
ర «	'Calcium'	mg/l	88	ND	N.D.	12.6	16	14.4	25.7	19
9 MG	Magnesium	ng.	4	N.D.	Ö.N	67	4	13	-	Ø
10 NA	'Sodium'	mg/l	21.5	N.D.	N.O.	Ö,	Ω̈́	Ŋ	Ν̈́D	N.D.
11 TH	Total Hardness	mg/l	88	36	\$6	234	4	88	8	77
12 TA	Total Alkalinity	mg/l	N.D.	N.D.	8	66	%	3	136	106
13 p	'Chloride'	mg/I	9	N.O.	25	00	\$	3		-
14 F	'Fluoride'	mg/l	••••••••••••••••••••••••••••••••••••••	N	0	0	-	0	0	
15 NO3	Ninic.	mg/l	ÖZ	N.D.	N.D.	N.D.	O,N	O'N	N.D.	0
16 SO4	Sulphate,	mg/l	6	N.O.	Ω'Z	22	Ŋ	7	EQ.	m
17 PQ4	Phosphate.	mgA	OZ	N.D.	0.3	0.1	ΩN	N.D.	0.1	0.4
18 TDS	Total Dissolved Solid"	mg/l	245	N.D.	ND	Ω̈́Z	NON	\$	189	138
19 K	Potassium,	mgA	O'N	N.D.	N.D.	N.D.	N.D.	N.	N.D.	N.D.
20 20 20 20 20 20 20 20 20 20 20 20 20 2	'Carbonate'	mg/l	ďΝ	N.D.	N G	Ν̈́Ω	ON	QN	N.D.	N.D.
21 HCO3	Bicarbonate	√8œ	Ω̈́Z	NON	N.D.	ÜŻ	ΩZ	Ö'N	ND.	Ω̈́
22 STO2	"Silica"	mg/l	N.D.	N.D.	N,D,	N.D.	N.D.	N.D.	N.D.	N.D.
	NOTE	• •	N.D. means "not detected	ot detected.						

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1				Sampling Date		:	And the second second	and the second state			
ž	No. Item		Unit	14/08/85	25/03/81	17/07/86	18/02/81	22/09/87	22/08/88	14/11/88	
)	PH	Potential of Hydrogen'		7.2	8.2	7.1	80	7.6	8.2	7.2	
73	E E	"Turbidity"		95	89	8	5	8	350	250	
<i>ር</i> ሳ	g	.Colour,		750	150	50	ON	Q	N.D.	N.D.	
4	ONG	Permanganate No.	mg/l	N.O.	7	8	N.D.	N.D.	Ŋ	N.D.	
Ś	ည္ထ	Electric Conductivity'	m_mbos/cm	160	300	ΩN	500	200	128	2500	
Ý	H	Tron	mg/l	0.1	6.5	OZ	0.5	ΩN	Ω̈́N	N.D.	
~	X X	'Manganese'	√Su.	N.D.	0.2	Ŋ.Ŋ	0.5	0.1	N.D.	0.4	
•	క	'Calcium'	m _S	Ω̈́N	12	ΩZ	N	Z Ö	N.D.	Z,	
<u>о</u> .	MG	'Magnesium'	mg/l	46	9	Q	Ŋ	N N	ND	χ. Ö.	
Ħ.	AN C	'Sodium'	√Sm	N.D.	· 83	ÖZ	Q Z	N.D.	N.O.	Ö,	
	1 TH	Total Hardness	√8m	46	102	102	80	82	S	8	
i-i	2 TA	Total Alkalinity'	√8m	70	156	88	146	114	97	8	
~	S GE	'Chlonde'	ng/	4	Ø	Ś	4	~	61	4	
<i>∓</i>	T. T.	Fluonde	- Mag	H		Ö	0	O Z	O Z	0	
	5 NO3	'Nitrite'	ng.	Ω̈́Z	0	Ö.	6:0	1.8		30	
	6 804	'Sulphate'	ng/n	N.O.	Ŋ	Ö.Z	N. O.	Ŋ	Ŋ	N.O.	
-	7 88 484	'Phosphate'	Ng e	0.3	0.1	Ŋ.	0.4	4.0	0.2	8:0	
	SCT 8	Total Dissolved Solid	√Sw	Ö,Ö	181	Ö.Z	Ŋ.	Ö.	N.O.	Ν̈́Ω	
-	× ×	'Potassium'	mg/l	ÖZ	N.D.	Ŋ,	N.D.	O'N	N.D.	N.D.	
£.*	င် လ	'Carbonate'	mg/l	Ω̈́Z	ÖZ	ď.	N.D.	N.D.	N,D	N.D.	
. Υ.	21 HCO3	'Bicarbonate'	mg/l	Ö,	ÖZ	N.D.	Ö,Z	Ŋ	QZ	Ω̈́Z	
Ï	2018 22	'Silica'	mg/J	N.D.	O'Z	Ŋ	Ď,	Z	ÖZ	N,D,	
		NOTE	•••	N.D. means "not detected.	ot detected.						

				COLUMN CARE					
2	No. Item		Unit	13/11/82	12/08/83	15/05/85	28/04/86		
	PH	'Potential of Hydrogen'		7.9	7.9	7.7	7.7		
41	173	Turbidity'		240	620	1050	1650		
κģ	CLR	'Colour'		Ω̈́Z	N.D.	Ŋ	200		
4	PNO	Permanganate No.	ng Ng	N.O.	347	207	33		
Ś	EC	Electric Conductivity'	m.mhos/cm	72	200	180	300		
ø	哥	Tron.	mg/l	35	N. Ö.	200	278		
۲-	MN	'Manganese'	Mgm	Ω̈́Z	N.O.	Z,	Ω̈́		
86	ర	'Calcium'	‰ V3m	25	5	48	30		
م	MG	Magnesium	mg/l	88	5.8	118	75		
2	Y.	.Sodium.	mg/l	N. N.	ND	38	12		
<u></u> 1	TH	Total Hardness'	√S w	100	200	340	142		
2	TA	Total Alkalinity'	ng.	ÖZ	112	125	138		
<u>\tag{2}</u>	당	'Chloride'	√8m	15	2	01	∞		,
7	և ,	-Fluonde	mg/J	o .	0	.	بن و		
15	NO3	Nigrite.	ng.	ÖZ	N.D.	N.D.	N.D.		
9	Š	'Sulphate'	mg/u	N.O.N	9.9	N.D.	ND		
11	8	Phosphate	NS W	Ü	ΩN	N. D.	N.O.	 ,	
81	TDS	Total Dissolved Solid'	m Ngm	88	120	108	180		
61	×	Poussium.	mg/l	N.D.	N.D.	N,D	N.D.	•	
ឧ	20 CO3	'Carbonate'	mg/l	ND	O'N	ND	N.D.		
ដ	21 HCO3	Bicarbonate,	mg/l	N.D.	N.D.	ND	N.D.		
z	SIOZ	Silica.	mg/l	N.D.	N.O.	N.D.	NO		
		NOTE	•	N.D. means "not detected	or detected.				

RIVER TURKWEL

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Opinity 24010cs 24010cs <t< th=""><th>No. Irem</th><th></th><th></th><th>Sampling Date</th><th>20.00</th><th>,0000</th><th>20,701.0</th><th>3</th><th>2000</th><th>7000</th></t<>	No. Irem			Sampling Date	20.00	,0000	20,701.0	3	2000	7000
7.8 7.9 6.8 7.6 8 8 7 8.3 61 N.D. 290 310 225 15 8.5 225 N.D. 600 100 280 56 8.5 225 N.D. 600 100 280 56 8.5 225 N.D. 600 100 280 56 8.5 3.1 N.D. 200 130 207 115 8.5 3.1 N.D. 4.3 2 21 7 8.5 3.1 N.D. 4.3 2 21 7 8.5 3.1 N.D. 1.1 0.2 0.7 8.5 9.6 13 15 10.6 8 8.6 80 106 70 8.7 8.8 66 80 10 8.7 8.9 10 9 15 10 8.7 8.9 80 106 70 8.8 8.0 80 106 70 8.8 8.0 80 106 70 8.8 8.0 80 106 70 8.8 80 106 70			Chit	24/01/84	04/04/84	28/05/84	01/06/85	09/11/85	29/03/86	22/10/86
83 61 N.D. 290 310 225 15 84 225 N.D. 600 100 280 56 85 225 N.D. 600 100 280 56 86 3.1 N.D. 200 130 207 11 87 3.1 N.D. means*not detected. 88 226 N.D. 200 130 207 11 89 3.1 N.D. 60.0 130 207 11 80 0.1 N.D. N.D. 11 0.2 0.7 80 0.0 1 0.2 0.7 80 0.0 10 0.0 10 80 0.0 1 0 10 80 0.0 1 0 10 80 0.0 1 0 10 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 1 80 0.0 1 0 0 0 1 80 0.0 1 0 0 0 1 80 0.0 1 0 0 0 1 80 0.0 1 0 0 0 1 80 0.0 1 0 0 0 1 80 0.0 1 0 0 0 1 80 0.0 1 0 0 0 0 0 80 0.0 1 0 0 0 0 80 0.0 1 0 0 0 0 80 0.0 10 0 0 0 0 80 0.0 10 0 0 0 80 0.0 10 0 0 0 80 0.0 10 0 0 0 80 0.0 10 0 0 0 80 0.0 10 0 0 80 0.0 10 0 0 80 0.0 10 0 0 80 0.0 10 0 0 80 0.0 10 0 0 80 0.0 10 0 0 80 0.0 1 0 80 0.0 1 0 80 0.	Ĭ-1	otential of Hydrogen'		7.8	7.9	8.9	7.6	00	90	7.7
mg/l 52 N.D. 600 100 280 5 mmhos/cm 52 3 N.D. N.D. 9 5 11 mg/l 700 150 N.D. 200 130 207 11 mg/l 0.1 N.D. N.D. 4.3 2 21 22 mg/l 0.1 N.D. N.D. 1.1 0.2 0.7 11 mg/l 1.2 5 9.6 13 12 8 8 mg/l N.D. N.D. N.D. 1.1 0.2 0.7 14 8 9 8 10 8 9 8 9 10 9 15 10 9 15 10 9 15 10 9 11 10 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0	1	Turbidity'		83	61	Ö.	280	310	225	195
mg/l 52 3 N.D. N.D. 9 5 mmthos/cm 700 150 N.D. 200 130 207 11 mg/l 26 3.1 N.D. 4.3 2 21 22 mg/l 0.1 N.D. N.D. N.D. 1.1 0.2 0.7 11 mg/l 1.2 5 9.6 13 15 10.6 8 mg/l N.D. N.D. 1.5 20 1.3 10.6 8 mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. mg/l N.D. N.D. N.D. N.D. N.D.	_	Colour		88	225	Q'N	99	81	280	995
m_mbos/cm 700 150 N.D. 200 130 207 11 mg/l 26 3.1 N.D. 4.3 2 21 3 mg/l 0.1 N.D. N.D. 1.1 0.2 0.7 12 mg/l 1.2 5 9.6 1.3 1.5 10.6 8 mg/l N.D. N.D. 1.5 250 N.D. 1.4 6 0 1.4 6 8 8 1.6 8 6 80 1.0 6 8 1.0 9 1.0 9 1.0 9 1.0 9 1.0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 0 </td <td></td> <td>Permanganate No.</td> <td>mg/l</td> <td>52</td> <td></td> <td>ÖZ</td> <td>N. Ö.</td> <td>6</td> <td>ķ</td> <td>v</td>		Permanganate No.	mg/l	52		ÖZ	N. Ö.	6	ķ	v
mg/l 26 3.1 N.D. 4.3 2 21 mg/l 0.1 N.D. N.D. 1.1 0.2 0.7 mg/l 1.2 5 9.6 1.3 1.2 0.7 mg/l 1.2 5 9.6 1.3 1.6 8 mg/l 1.2 5 9.6 1.3 1.6 8 mg/l 1.2 5 9 1.0 0 1.4 0 1.0 0 1.0 0 1.0 0 1.0 0 1.0 0 1.0 0 1.0 0 1.0 0 1.0 0 1.0 0 1.0 0 1.0 0 1.0 0 0 1.0 0 0 1.0 0 0 1.0 0 0 1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 <	ביי	Slectric Conductivity'	m.mhos/cm	700	150	Ŋ.	200	130	207	155
mg/l 0,1 N.D. N.D. 1,1 0,2 0,7 mg/l 30 15 20 12 18 12 8 mg/l 12 5 9,6 13 15 10,6 8 mg/l 124 58 90 80 106 70 14 mg/l 140 430 76 85 66 80 70 70 mg/l 140 430 76 85 66 80 70 70 mg/l 140 430 76 85 66 80 70 70 mg/l 1,0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 0	i.	non.	mg/l	26	3.1	O'N	4.3	2	21	24
mg/l 30 15 20 12 18 12 8 mg/l 12 5 9.6 13 15 10.6 8 mg/l N.D. N.D. 15 250 N.D. 14 8 16 9 14 14 14 14 430 76 85 66 80 10 9 15 10 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 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0 0 0 0 <		Manganese'	mg//	0.1	N.D.	Ö.	1.1	0.2	0.7	eri
mg/l 112 5 9.6 13 15 10.6 8 mg/l N.D. N.D. 15 250 N.D. 14 mg/l 124 58 80 10 70 10		Calcium,	mg/l	30	15	8	12	18	12	~
mg/l N.D. N.D. 15 250 N.D. 14 mg/l 124 58 90 80 106 70 70 mg/l 140 430 76 85 66 80 70 mg/l 120 9 10 9 15 10 1 mg/l N.D.	•	Magnesium'	mg∕1	12	\$	9.6	13	15	10.6	8.6
mg/l 124 58 90 80 106 70 mg/l 140 430 76 85 66 80 mg/l 124 430 76 85 66 80 mg/l 1 0 1 0 1 0 1 mg/l N.D.	•	Sodium'	mg/	N.D.	N. D.	15	250	N.D.	14	14
mg/l 140 430 76 85 66 80 mg/l 1 0 1 0 1 0 1 mg/l N.D. N.D. N.D. N.D. N.D. N.D. 0 mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. mg/l N.D. N.D. N.D. N.D. N.D. <	1	Total Hardness'	mg/l	124	58	8	80	100	5	8
mg/l 52 9 10 9 15 10 mg/l N.D.	•	Total Alkalinity'	1√8¢u	140	430	76	\$	8	8	প্ত
mg/l 1 0 0 1 0 1 mg/l N.D. N.D. <t< td=""><td>.~</td><td>Chloride.</td><td>mg/l</td><td>52</td><td>6</td><td>01</td><td>φ.</td><td>15</td><td>10</td><td>φο</td></t<>	.~	Chloride.	mg/l	52	6	01	φ.	15	10	φ ο
mg/l N.D. N.D. <th< td=""><td></td><td>Fluoride'</td><td>mg/l</td><td></td><td>0</td><td>0</td><td>₩.</td><td>0</td><td></td><td>0</td></th<>		Fluoride'	mg/l		0	0	₩.	0		0
mg/l N.D. N.D. 5 3 N.D. 1 N.D. mg/l 0.1 N.D.	Į.	Nitrite'	mg/l	N.D.	Ŋ	Ω̈́N	Ω̈́Z	N.D.	N.D.	0.1
mg/l 0.1 N.D.		Sulphaic.	mgЛ	N.D.	N'O	'n	m	QZ	****	Ö,N
mg/l N.D. 90 259 120 78 121 mg/l N.D.		Phosphate*	mg/l	0.1	O.N	N.D.	N.O.	N.O.	N.D.	Ω̈́N
mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D		Total Dissolved Solid'	mgvl	ND	8	259	120	28	121	25
e mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D		Potassium'	mg/l	O'N	N.D.	N O	ND	N.D.	N.D.	N.D.
mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D		Carbonate.	mg/1	Ŋ.	N.D.	ÖZ	Ö.Z	N.D.	ND	ď.
mg/l N.D. means "not detected.	;	Bicarbonaie.	V&w	Ω̈́N	O'N	NON	ND.	QN	N.D.	N.D.
		Silica	mg/l	N.D.	ON	NO	ND	N.D.	N.D.	N.D.
		NOTE		N.D. means "n	or detected.	. · 				

RIVER TANA - GARSEN (1/2)

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					Sampling Date						
4	No. Item	Q		Unit	22/02/87	10/10/87	09/12/87	28/03/88	29/03/89		i
	HA I		'Potential of Hydrogen'		7.6	63	7.4	7.5	7.4		l ·
	73 13		Turbidity,		180	4	230	120	200		
	3 GR	oq.	Colour		Ö.N	N.D.	N O	200	N.D.		
	A P	Q		mg/l	∞	N.	N.D.	16	9,		
	S EC	•	/ity	m.mhos/cm	160	221	216	210	169		
	日 9			mg/l	. 43	0.1	N.O.	2.1	21		
	7	Z	'Manganesc'	mg/l	1.2	N.D.	N.D.	0.1	9.0		
:	જ જ	Ro		mg/l	71	22	31	21	17		
7.	×	Ø	'Magnesium'	mg/l	9.5	4.8	4.6	4.5	8.9		
5	10 NA	ď	.Sodium,	mg/l	15	14	12	12	17		
-5	11 11	tot i	Total Hardness	mg/l	\$	61	23	7	2		
9	12 TA	•	Total Alkalinity	√8m	8	62	92	47	89		
	ដ	Ų	'Chloride'	₩ V&w	11	II,	0	1	42		
	14 F	-	Fluoride,	√8m	0	0	N O	0	Ö.Z		
	1S N	ဝိ	Nivite'	mg∕1	0.1	Ö,	0.3	N.D.	O Z		
	36 SC	Š	'Sulphate'	₩ Vâw	OZ	N.D.	Q'N	0.1	Ω̈́N		
	に ス	8	'Phosphate'	√gm	Ä,Ö	N.D.	Z.	N.D.	Ω̈́Z		
· .	118 TI	SC	Total Dissolved Solid'	l⁄gm	96	133	129	126	101		
	19 K		'Potassium'	l∕gm	Ċ	Ν̈́	Z.	N.D.	ďχ		
	Ö 8	CO3	'Carbonate'	mg/l	Ö	N.D.	N.D.	Ŋ	Ω̈́		
	21 H	HCO3	'Bicarbonate'	l∕gm	Ö,Z	Ö Z	Ö	N.D.	Ü,		
1	22 S	\$102	'Silica'	mg/l	N.D.	ND	Ö.	Z.D.	Ω		ì
٠			NOTE	••	N.D. means "not detected	or detected.					

Potentia Turbidit Colour Permang Electric Tron Mangan Magnesi Sodium Total Ha Total Al Chloride Fluoride Fluoride Fluoride Total Di Potassiuu Carbona Silica Silica Silica				Sampling Date	2					
Potential of Hydrogen 7.6	No. Item		Unit	01/06/85	23/02/87	25/05/87	11/10/87	09/12/87		
Turbidity	H	Potential of Hydrogen'		7.6	8	7	6.8	6.8		
Colour MD. ND. 200 Permanganate No. mg/l 29 6 11 1 Electric Conductivity m.mhox/cm 160 1720 169 215 Troil mg/l 0.6 1 0.4 0.3 VAnganesum* mg/l 0.6 1 0.4 0.3 Valcium* mg/l 0.7 11 3.1 6.6 Sodium* mg/l 9.7 11 3.1 6.6 Yodium* mg/l 9.7 11 3.1 6.6 Total Hardness* mg/l 9.7 11 3.1 6.6 Yodium* mg/l 9.7 11 3.1 6.6 Total Hardness* mg/l 9.7 11 3.1 6.6 Total Hardness* mg/l 9.7 11 3.1 6.6 Total Hardness* mg/l 9.9 0.4 0.2 7.8 60 Chloride mg/l N.	e E	Turbidity'		240	200	255	73	250		
Permanganate No: mg/l 29 6 11 1 Electric Conductivity m.mhox/cm 160 1720 169 215 Tool mg/l 0.6 1 0.4 0.3 'Vangenesce' mg/l 0.6 1 0.4 0.3 'Vangenesium' mg/l 12 7,1 1,3 4.5 'Vangenesium' mg/l 9,7 11 3,1 6.6 'Sodium' mg/l 104 12 8 16 Tool Hardness' mg/l 104 12 8 16 Tool Albalinity mg/l 82 66 78 60 Chloride mg/l N.D. 0,9 0,4 0,2 0,3 Nibriuse mg/l N.D. N.D. N.D. N.D. N.D. Yhosphate' mg/l N.D. N.D. N.D. N.D. N.D. Toral Dissolved Solid' mg/l N.D. N.D. N.D	g	'Colour'		909	N.D.	Ŋ	200	Ω̈́Z		
Electric Conductivity m.mhos/cm 160 1720 169 215 Tron' mg/l 3 39 14 18 'Vánogancse' mg/l 0.6 1 0.4 0.3 'Vánogancse' mg/l 12 7.1 1.3 4.5 'Vánogancsium' mg/l 104 12 8 16 Total Hardness' mg/l 104 12 8 16 Total Hardness' mg/l 9,7 11 3.1 6.6 Total Alkalinity mg/l 9,9 0.4 6.2 5/7 Total Alkalinity mg/l 0,9 0.4 0.2 0.3 'Yintie' mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. Total Dissolved Solid' mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	PNO	Permanganate No.	ng/l	83	9	11	****	2		
Tron' mg/l 3 39 14 18 'Manganese' mg/l 0.6 1 0.4 0.3 'Calcium' mg/l 12 7.1 1.3 4.5 'Magnesium' mg/l 104 12 8 16 Total Hardness' mg/l 9.7 11 3.1 6.6 Total Alcalinity' mg/l 9.9 10 12 10 Thoral Alcalinity' mg/l 0.9 0.4 0.2 0.3 'Nitrite' mg/l N.D. 0.4 0.5 N.D. Sulphate' mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	် ည	Electric Conductivity'	m.mhos/cm	160	1720	169	215	228		-
Wangancse' mg/l 0.6 1 0.4 0.3 Calcium' mg/l 12 7.1 1.3 4.5 Wagnesium' mg/l 9.7 11 3.1 6.6 Sodium' mg/l 104 12 8 16 Total Hardness' mg/l 90 54 62 57 Total Hardness' mg/l 90 54 62 57 Total Hardness' mg/l 9 10 12 10 Total Hardness' mg/l 9 10 12 57 Total Hardness' mg/l N.D. 0.4 0.2 65 Chloride' mg/l N.D. N.D. N.D. N.D. Total Discolved Solid' mg/l N.D. N.D. N.D. N.D. Total Discolved Solid' mg/l N.D. N.D. N.D. N.D. Total Discolved Solid' mg/l N.D. N.D. N.D. N.D.	田	Tron.	mg/l	m	39	71	18	Z.D.		
Calcium' mg/l 12 7.1 1.3 4.5 Magnesium' mg/l 9.7 11 3.1 6.6 Sodium' mg/l 104 12 8 16 Total Hardness' mg/l 90 54 62 57 Total Hardness' mg/l 9 10 12 10 Total Hardness' mg/l 9 66 78 60 Total Hardness' mg/l 9 10 12 10 Total Alkalinity mg/l 9 10 12 10 Thurstie' mg/l 0.9 0.4 0.2 0.3 Nitrie' mg/l N.D. N.D. N.D. N.D. Yhosphate' mg/	NN NN	'Manganese'	mg/l	9.0		0.4	0.3	2.6		
Wagnesium' mg/l 9.7 11 3.1 6.6 'Sodium' mg/l 104 12 8 16 Total Hardness' mg/l 9 54 62 57 Total Hardness' mg/l 9 10 12 10 Total Hardness' mg/l 9 10 12 50 Chloride' mg/l 0.9 0.4 0.2 57 Total Alkalinity mg/l 0.9 0.4 0.2 50 Total Alkalinity mg/l 0.9 0.4 0.2 0.3 Witrite' mg/l N.D. N.D. N.D. N.D. Yilige' mg/l N.D. N.D. N.D. N.D. Total Dissolved Solid' mg/l N.D. N.D. N.D. N.D. Total Dissolved Solid' mg/l N.D. N.D. N.D. N.D. Siliça' mg/l N.D. N.D. N.D. N.D.	క	Calcium,	₩S⁄V	12	7.1	1.3	4.5	7.8		
Sodium" mg/l 104 12 8 16 Total Hardness' mg/l 90 54 62 57 Total Alkalinity mg/l 9 10 12 10 Chloride' mg/l 0.9 0.4 0.2 0.3 Fluoride' mg/l 0.9 0.4 0.2 0.3 Nitrite' mg/l N.D. 0.4 0.2 0.3 Nitrite' mg/l N.D. N.D. N.D. N.D. Salphate' mg/l N.D. N.D. N.D. N.D. Total Dissolved Solid' mg/l N.D. N.D. N.D. N.D. Potassium' mg/l N.D. N.D. N.D. N.D. Carbonate' mg/l N.D. N.D. N.D. N.D. Silica' mg/l N.D. N.D. N.D. N.D. Silica' mg/l N.D. N.D. N.D. N.D. Silica' <td>MG</td> <td>'Magnesium'</td> <td>mg/l</td> <td>7.6</td> <td>11</td> <td>3.1</td> <td>9.9</td> <td>13</td> <td></td> <td></td>	MG	'Magnesium'	mg/l	7.6	11	3.1	9.9	13		
Total Hardness mg/l 90 54 62 57 Total Alkalinity mg/l 82 66 78 60 Total Alkalinity mg/l 9 10 12 10 Thoritie mg/l N.D. 0.4 0.2 0.3 Nitrite mg/l N.D. N.D. N.D. N.D. Sulphate mg/l N.D. N.D. N.D. N.D. Total Dissolved Solid mg/l N.D. N.D. N.D. N.D. Potassium mg/l N.D. N.D. N.D. N.D. Carbonate mg/l N.D. N.D. N.D. N.D. Silical mg/l N.D. N.D. N.D. N.D. Silical mg/l N.D. N.D. N.D. N.D. Silical N.D. N.D. N.D. N.D. N.D. And total N.D. N.D. N.D. N.D. N.D. An	Ą	,Sodium,	mg/l	\$	12	00	91	Ĭ		٠
Total Alkalimity mg/l 82 66 78 60 Chloride' mg/l 9 10 12 10 Fluoride' mg/l 0.9 0.4 0.2 0.3 Nicrite' mg/l N.D. N.D. N.D. N.D. Sulphate' mg/l N.D. N.D. N.D. N.D. Phosphate' mg/l N.D. N.D. N.D. N.D. Total Dissolved Solid' mg/l N.D. N.D. N.D. N.D. Potassium' mg/l N.D. N.D. N.D. N.D. Searbonate' mg/l N.D. N.D. N.D. N.D. Silica' mg/l N.D. N.D. N.D. N.D. S	H	Total Hardness'	mg/l	8	\$	62	53	\$		
Chloride mg/l 9 10 12 10 Fluoride mg/l 0.9 0.4 0.2 0.3 Nitrite mg/l N.D. 0.4 0.5 N.D. Salphate mg/l N.D. N.D. N.D. N.D. Phosphate mg/l N.D. N.D. N.D. N.D. Total Dissolved Solid* mg/l N.D. N.D. N.D. N.D. Potassium* mg/l N.D. N.D. N.D. N.D. Saiderbonate* mg/l N.D. N.D. N.D. N.D. Silica* mg/l N.D. N.D. N.D. N.D. NOTE N.D. means "not detected" N.D. N.D. N.D.	TA	Total Alkalinity	₩S⁄I	8	\$	78	8	9		
Fluoride	գ	'Chloride'	mg/l	φ	01	12	92	15		
Nitrate mg/l N.D. 0.4 0.5 N.D. Sulphate mg/l N.D. N.D. N.D. N.D. Total Dissolved Solid* mg/l 95 1032 101 129 Potassium* mg/l N.D. N.D. N.D. N.D. Carbonate* mg/l N.D. N.D. N.D. N.D. 3 Bicarbonate* mg/l N.D. N.D. N.D. NOTE ng/l N.D. N.D. N.D. N.D. NOTE N.D. means "not detected. N.D. N.D. N.D.	ţı,	Fluoride.	mg/l	60	0.4	0.2	0.3	6.0		
Sulphate mg/l N.D. N.D. N.D. Total Dissolved Solid mg/l 95 103 101 129 Potassium' mg/l N.D. N.D. N.D. N.D. Carbonate' mg/l N.D. N.D. N.D. N.D. 3 Bicarbonate' mg/l N.D. N.D. N.D. N.D. NOTE N.D. N.D. N.D. N.D. N.D.	NO3	Nimite*	mg/l	ΩZ	0.4	0.5	Ω̈́	6		
Thosphate* mg/l N.D. N.D. N.D. Total Dissolved Solid* mg/l 95 1032 101 129 Potassium* mg/l N.D. N.D. N.D. N.D. Carbonate* mg/l N.D. N.D. N.D. N.D. 3 Wilkiga* mg/l N.D. N.D. N.D. N.D. NOTE N.D. means "not detected. N.D. N.D. N.D. N.D.	SQ	Sulphate.	mg/l	Ü	N.D.	Ö,	N.	N.D.		
Total Dissolved Solid* mg/l 95 1032 101 129 Potassium* mg/l N.D. N.D. N.D. N.D. *Carbonate* mg/l N.D. N.D. N.D. N.D. *Silica* mg/l N.D. N.D. N.D. N.D. NOTE N.D. means "not detected. N.D. N.D. N.D.	8	Phosphate.	mg/l	ÖZ	NO	ΩN	N N	N.D.		
Potassium' mg/l N.D. N.D. N.D. N.D. 3 "Bicarbonate" mg/l N.D. N.D. N.D. N.D. 3 "Bicarbonate" mg/l N.D. N.D. N.D. N.D. 3 "Silica" mg/l N.D. N.D. N.D. N.D. NOTE N.D. means "not detected. N.D. N.D. N.D.	SCT	Total Dissolved Solid	mg/l	95	1032	101	129	137		
Carbonate mg/l N.D. N.	¥	Potassium,	mg/l	N.D.	Z.O.	ND	N.D.	N.O.	-	
"Silical N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D	SS	'Carbonate'	l∕3m	ď.	Ŋ	Ω Z	N	N.D.		
Silica M.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.	HCO3	"Bicarbonate"	mg/l	ÖN	N,O	O'N	N.D.	N.D.		*
: N.D. means "not detected.	\$102	Silica.	mg/l	C Z	N.O.	N.D.	N.D.	N.D.		
		NOTE		N.D. means "no	or detected.				-	

		29/08/86	7.2	32	8	ND	100	7	0.1	4	4	တ	36	40	∞	0	Ω̈́	ď.	0.1	61	N.D.	Ď.Z	N.D.	Q.N
:		07/02/83	ON	Ö.N	Q'Z	32	Q	0.2	0.1	φ.	2.4	N.D.	35	*	4	0	Z. D.	Ω̈.	0.1	8	Ŋ.Ŋ.	N.D.	N.D.	N.D.
		13/02/84	7.3		Ś	ا	105	. 0.2	Ν̈́	6	3.9	ŊŊ	38	40	∞	N.D.	N.Ö.	1.2	ď	63	Ω̈́N	N.D.	N.D.	QN
(1/2)		22/09/83	7.8	Ä	Ŋ	7	81	ND	NO	∞	3.4	Ω̈́N	8	50	4	0	N.D.	2.6	N.D.	49	ď.	Ω̈́N	N.D.	N.D.
i)		24/05/82	N.D.	Ω̈́N	N.D.	8	ď.	18	0.2	ന	4.5	12	48	18	15	0	N,D,	Z,	N.D.	89	N.O.	N.D.	N.O.	N.D.
RIVER TANA - MASINGA DAM	Sampling Date	18/09/82	N.D.	Q N	ű	19	Ω̈́Z	12	0.1	\$	4.1	ďΖ	28	30		QZ	Ν̈́D	N.D.	Q'N	55	N.D.	ĠZ.	N. Ö.	Ö,N
RIVER TANA -		Unit				mgM	m.mhos/cm	Mg/π	MgM	V∕Sw	mg/l	mgVI	mg/l	₩8⁄J	mg/l	mg/J	mgv	mg/l	mg/l	mg/J	₩g⁄u	₩ V\$m	mg/l	Vαω
•			Potential of Hydrogen'	Turbidity*	'Colour'	Permanganate No.	Electric Conductivity'	,ron,	.Manganese,	'Calcium'	'Magnesium'	Sodium,	Total Hardness'	Total Alkalinity'	'Chloride'	'Fluoride'	Nichte	'Sulphate'	'Phosphate'	Total Dissolved Solid'	Potassium'	Carbonate.	'Bicarbonate'	'Silica'
Sampling point		No. Item	1 PH	2 73	3 GR	4 PNO	۶ ټر	品 9	7 MN	ర ∞	9 MG	10 NA	11 TH	12. TA	13 D	14 F	15 NO3	16 504	27 88	SCT 81	19. K	20 20 20	21 HCO3	22 \$102

N.D. means "not detected.

NOTE

(2/2)	
RIVER TANA - MASINGA DAM	
••	
Sampling point	:

				Sampling Date							
NO.	No. Item		Unit	17/11/86	28/60/60	29/04/88					
H	H	Potential of Hydrogen'		7.9	7.1	9					
7	色	Turbidity'		47	19	01					
ćή	g	Colour,		100	Ś	250					
4	PNO	Permanganate No.	mg∕l	N.D.	ო	87					
Ś	EC	Electric Conductivity'	m.mhos/cm	8	154	70					
بعي	哥	lron'	mg/l	3.2	0.8	0.5					
1	MN	'Manganese'	l∕g#ı	0.3	N	0.3					
∞	ర	.Calcium,	mg/l	8	7	3.5					
۵.	MG	'Magnesium'	mg/l	2.3	2.4	4.6					
9	Ā	.Sodium	mg/l		7	39					
F-4	百	Total Hardness'	mg/l	38	48	18					
21	TA	Total Alkalinity'	mg/s	40	4	12					
<u> </u>	ម	Chloride.	mg/l	7	0,	0					
14	(L)	Fluoride.	mg/l	0	Q	N.O.					
15	NO3	Nimte	ngv	N.O.	N.O.	N.D.					٠
9	Š	'Sulphate'	mg/l	ND	4	N.D.		-			
17	\$	"Phosphate"	l/gm	ND	N.D.	N.D.					
81	SCT 81	Total Dissolved Solid	∩gm	58	25	52					
91	19 K	"Potassium"	V⊗m	Ω̈́N	N.D.	N.D.	± **		-	•	
ଯ	20 CO3	'Carbonate'	mg/J	N.D.	ď.	N.D.					
21	HCO3	Bicarbonate	mg/J	, Q,N	N.D.	Ŋ.					1
Z	STO2	"Silica"	mg/l	ON	N.D.	ND					
				,							

			Sampling Date			·				
No. Item		Unit	13/04/82	06/10/83	22/09/82	09/02/84	30/05/84	12/08/85	22/07/85	
1 PH	Potential of Hydrogen'		6.8	6.3	6.8	6.8	7.2	7	7.4	
2 TB	Turbidity		. 15	17	ं ¥⊸€	20	0	8	0	
S. CLR	Colour,	·		N.O.	pi-uk	∞	8	2	50	
4 PNO	Permanganarc No.	mg/l	19	8	9	15	N.D.	4	N.D.	
S 80	Electric Conductivity'	m.mhos/cm	70	37	23	47	45	8	52	
6 语	'Iron'	иgл	3.5	N.D.	N.D.	0.8	0.8	0.1	Ω̈́N	
7 MN	'Manganese'	₩.	0.2	Ω̈́N	0.1	Ν̈́Ω.	ND	N.D.	N.D.	
ర «	'Calcium'	mg/l	3.1	1.6	N.D.	2.4	N.D.	N.D.	Ö,	
9 MG	'Magnesium'	√Su	7'[9 -14	N.D.	2,4	Ŋ	Ŋ	Ŋ	
10 NA	'Sodium'	l∕ger	Ŋ,	Ϋ́	Ö.	N.D.	N.D.	Ω̈́N	N.D.	
II TH	Total Hardness'	mg/I	20	∞	7	16	8	2	14	
12 TA	Total Alkalinity'	mg/l	18	SI SI	01	24	18	16	ጟ	
13 D	Chloride	mg/l	9	4	4	7	N.D.	_	ধ	
14 日	'Fluoride'	₩	0.1	0.2	0.2	0.8	0.7	Ω̈́	N.D.	
15 NO3	Nimite	mg/l	ÜZ	ŊŊ	N.D.	Ω̈́	Ω̈́N	-	1.1	
16 \$04	'Sulphate'	mg/l	1.	113	2.2	0.8	0.2	10	Ŋ.	
17 804	'Phosphate'	mg/l	ÖZ	N.D.	_	0	N.D.	4.0	Ö,	
SQT 81	Total Dissolved Solid	νχω V	Ö.S.	23	15	28	N.D.	N.D.	Z. Ö.	
19 K	"Potassium"	hg⁄n	QZ	N.O.	Ö,N	Ŋ.	N.O.	N.D.	N.D.	
20 CO3	'Carbonate'	mg/l	N.D.	Ö	N.	Ŋ	N.D.	N.D.	N.D.	
21 HCO3	'Bicarbonate'	ng∕n	ď.	N.D.	N.O.	Z. Ö.	N.D.	N.D.	N. Ö.	
22 STO2	'Stlica'	mg/l	N.O.	QZ	N.D.	ממ	N.D.	N.D.	ΝΩ	
	NOTE	••	N.D. means "not detected,	or detected.	•					

RIVER MIRIU - UPPER ZONE (2/2)

Ver.		:	Sampling Date						
No. Item		Unit	17/02/87	11/05/87	22/09/85	25/08/86	14/11/88		
1 PH	Potential of Hydrogen'		7.2	7.3	7	7.4	8.9		
2 TB	Turbidity.		N.D.	N'O'N	Ö.	ĊZ	N.D.	٠	
s GR	'Colour'		9	v)	8	7	Q		
A PNO	Permanganate No.	mg//	O Z	N.D.	NON	N.D.	N.D.		
S EC	Electric Conductivity'	m.mhos/cm	80	30	260	4	Z		
6 班	Tron	mg/l	0,1	Ċ	ND	N.D.	0.3		
7 MN	'Manganese'	√Sm	0.1	0.2	0.1	Ω̈́N	ND		
ઇ ∞	'Calcium'	mg/l	Q'Z	N.D.	Q'N	NON	Ŋ		
9 MG	'Magnesium'	mg/l	QZ	ď. Ž	NO	Ω̈́Z	N.O.		
10 NA	"Sodium"	√% w	Ö.Ö.	Ω̈́N	Ŋ	N O N	O'N		
II TH	Total Hardness'	√Sw.	10	77	10	N.	5		
I2 TA	Total Alkalinity	mg/J	24	18	18	N.O.	92		
d n	Chloride,	√8m	νη.	m	15	N.D.	ć4		
14 F	'Fluoride'	mg/l	0.2	NON	N.D.	Ö,	0.3		
15 NO3	Nirite.	mg/l	N.D.	1.1	1.5	0.1	2.5		
16 504	'Sulphate'	ng∕n	N.O.	NON	Ŋ	Ŋ.	N.D.		÷
202 72	'Phosphate'	₩ Vâm	m	0.4	0.3	9.0	0.5		
SQT 81	Total Dissolved Solid'	√Sw	Ŋ	Ω̈́Z	N.D.	Ö.	Ω̈́Z	-	
79 X	"Potassium"	mg/l	N.D.	ď.	N.D.	Ö,	Ü,		-
20 CO3	.Carbonate.	l/gm	N.D.	N.D.	N.D.	ND	O'N		
21 HCO3	'Bicarbonate'	ng/l	N.D.	N.	N O	N.D.	N.O.		
22 STO2	Silica	ms/l	N.D.	N.D.	N.D.	O.Z.	NO		
	NOTE	4.	N.D. means "not detected	or detected.					
A THE RESIDENCE OF THE PARTY OF	一年二十五年十二十五十五十五十二十二十二十二十二十二十二十二十二十二十二十二十二十	The second secon	* 1 THE R. P. LEWIS CO., LANSING, MICH.	5 M C C C C C C C C C C C C C C C C C C					

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			Sampling Date							
No. Item		Unit	13/04/82	12/05/82	05/10/83	10/02/84	08/06/84	12/08/85	21/07/86	
1 PH	Potential of Hydrogen'		7.	7.9	8.9	7.2	7.5	7.3	8.6	
2 13	Turbidity*		55	49	14	6	15	8	220	
3 CLR	'Colour'		N.O.	ND	N.D.	S	20	75	46	
4 PNO	Permanganate No.	mg/l	32	38	14	II	ND	m	N.D.	
S EC		m.mhos/cm	150	100	41	8	63	6	500	
6 TE	Tron	mg/I	N.O.	4.1	Ŋ	1.2	Ŋ	0.1	Ŋ	
NZ C	"Manganese"	nge.	0.2	ND	Ŋ	0	0.1	NO	N	
& CA		mg/l	7.9	8.1	4	4	ÖZ	ND	N.D.	
9 MG		mg/l	3.5	1.3	1.4		Z.D.	N.D.	N'D	
10 NA	.wnipos.	mg/l	N.D.	ď.	Ŋ	N.O.	N.D.	ND	N.D.	
11 TH		mg/l	Ŗ	8	16	4	30	10	ള	
12 TA	Total Alkalinity	mg/l	32	16	18	33	28	18	120	-
13 G	'Chloride'	mg/v	9	4	2	9	N.D.	4	4	
14 5	'Fluoride'	mg/l	0	0	0	0	~	N.D.	N.O.	
15 NO	3 Ninite'	mg/	ÖZ	N. D.	Ö,N	Ω̈́Z	N,D,	1.2	ON	
16 SQ2	t 'Sulphate'	mg/l	Ö,Z	Ŋ.	24.6	-	N.O.	7	Ω̈́	
17 PO4		√Sm	Ω̈́Z	N.D.	0	0	0.2	0.3	Q'N	
18 TD	S Total Dissolved Solid'	√Sm	Ö.Z.	Ŋ.Ď	Ö,	N.D.	Ö,	N.D.	Ω̈́Z	
19 K	"Potassium"	√8m	N.D.	Ω̈́Z	N.O.	Ö,Z	N.D.	N.D.	ů Ž	
20 03	3 'Carbonate'	Mg/l	ÖZ	Ŋ	N.D.	N.D.	N.D.	N.D.	N.D.	
21 HC	HCO3 Bicarbonate	Mg/l	ÖZ	N.D.	N.D.	N.O.	N.D.	N.D	N.D.	
22 SIO2		mg/l	N.D.	N.D.	Q.N	Ω̈́	N.D.	Ö Z	QN	
	NOTE	••	N.D. means "not detected	ot detected.						

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;			·							-						. · ·								
		14/11/88	6.9	N.O.	5	N.D.	65	N.D.	0.8	N.D.	N.D.	Ŋ	14	22	m	0	≺	N.O.	0.5	Ċ	Ŋ	Ŋ Ŋ	Ö.	ND
		22/08/88	∞	N.D.	75	N.D.	20	N.D.	N.O.	ND.	Ö.	Ν̈́ Ö	14	5	4	0	4	Ċ	0.2	N.D.	ND.	Q	N.D.	N.D.
		22/09/87	7.2	ΩN	5	N	40	0.3	NON	Ν̈́Ω	N.O.	N.D.	18	70	4	O.N.	1.5	N.D.	03	N.D.	N.D.	N Ü	N.O.	N.D.
		12/05/87	7	QN	5	QZ	S	0.1	0.1	ΩN	N.O.	N.D.	12	36	m	N	1.8	N.O.	0.5	Q	N.D.	Q	GN.	N.D.
	Sampling Date	11/02/87	7.4	N.O.	Or	O.X.	8	0.1	0.5	ND	N.D.	OZ	28	83	m	0	1.5	N.D.	0.4	QN	Ċ	O Z	ND	N.D.
		Unit				mg/l	m.mhos/cm	mg/l	mg/l	l/Sm	mg/l	mg/l	mg/l	Mg∕l	mg/l	₩ V	mg/l	mg/l	√\$m	√Su.	ng/l	mg/l	mg/l	mg/l
			Potential of Hydrogen'	Turbidity'	'Colour'	Permanganate No.	Electric Conductivity	Tron,	Manganesc.	'Calcium'	'Magnesium'	Sodium,	Total Hardness'	Total Alkalinity'	Chloride,	Fluoride	'Ninite'	'Sulphate'	Phosphate	Total Dissolved Solid	"Potassium"	'Carbonate'	Bicarbonate	Silica
		No. Item	1 PH	2 TB	3 CLR	A PNO	SEC	6 記	Z X	క ∞	9 MG	10 NA	11 TH	12 TA	ප්	14 F	15 NO3	16 504	7.7 Q	SCT 81	19 K		21 HC03	22 SIO2

	Sampling point	••	1BB01	NZOIA (1	(1/2)						
1	The second secon	The state of the s		Sampling Date							
F	No. Item		Unit	23/08/73	67/11/73	07/12/73	20/03/74	11/04/74	10/05/74	47/70/70	
	1 PH	Potential of Hydrogen'		7.7	7.3	7.8	7.2	7.9	7.6	7.5	
	2 TB	Turbidity.	* .	ND	NON	N.D.	ND	N.D.	N.O.	N.D.	
	3 <u>CL</u> R	'Colour'	2.1	ND	N.D.	Q	QZ	N.D.	N.	ÖZ	
	oNG 7	Permanganate No.	mgA		N.D.	N.D.	N.D.	N.D.	O'N	N.D.	
	S. EC	Electric Conductivity	m.mhos/cm		N.D.	Ŋ	Ŋ	N.D.	N.O.	N.D.	
. :	6 FE	'Iroa'	mg/l		ND	ŊŊ	Q	N	N.D	N.D.	
	7 MS	Manganese,	mg/l	OZ	N.D.	Ŋ	N.D.	N.D.	N.O.	Ö,N	
	& CA	'Calcium'	mg/l	12	15	16	14	14	61	10	
	• MG	'Magnesium'	mgЛ	8	5	9	ŵ	11	Ø	4	
5	10 NA	'Sodium'	Ngm	11	6	σ	1	Φ,	ġ,	10	
-6	11 14	Total Hardness'	mg/v	Ŋ. Q.	Ω̈́Ž	Ó Ż	N.O.	Ω̈́Z	o Z	Ω	
7	12 TA	Total Alkalinity	₩ VSW	Ö.Z	Ö.	Ŋ	N.D.	QZ	QZ	N.D.	
	ដ	'Chloride'	√ã₩	∞	Ø	ď	21	11	٥	9	
	14 표	Fluoride,	mg/J	ÖZ	NO	N.D.	N.D.	O.N	Ω̈́Z	Ω̈́Z	
	15 NO3	Nighte.	mg/l	r-•			,_	0	0	73	
	16 SQ4	'Sulphate'	mg/l	17	7	S	r ~	4	0	4	
	17 8 8	'Phosphate'	l∕gm	Q'X	N.D.	N.D.	N.D.	N.D.	N.D.	Ϋ́ Ö	
	18 TDS	Total Dissolved Solid	ng/l	150	120	115	120	145	155	160	
	19 K	'Potassium'	√Sm	v,	ť	m	72	61	4	4	
	20 CO3	'Carbonate'	mg∕l	0	0	0	0	0	0	0	
٠.	21 HCO3	Bicarbonate,	mg/l	88	85	8	88	88	112	88	
•	2018 22	'Siliça'	mg/l	35	30	20	25	25	30	25	
		NOTE	••	N.D. means "not detected,	or detected.						

	12/05/75		7.7	N Ö	N.O.	NO	NON	N.D.	N.O.	19	Ś	20	N.D.	Ö Ö	, N	Ν̈́	5	8	N O	150	4	0	8	30
	21/04/75		7.7	N.D.	ď.	N.D.	N	ND	NON	16	4	O.	Ŋ	OZ	-	Z Z	0	v	Ŋ	145	\$	0	83	25
(2/2)	23/01/05	C) It O ICT	7.1	Ω Z	ΩZ	N.O.	O.	N.D.	N.D.	18	٧ì	∞	N.O.	Ν̈́Ω	4	O'N	0	, KN	Z Ö	145	e.	٥	102	25
NZOIA (2	17/10/74	-//51//	7.7	Ω̈́Z	N.D.	ÖZ	O.N.	Ω̈́N	Ν̈́Ω	14	ý	01	O Z	ΩZ	∞	Ω̈́Z		27	Ω̈́	165	m	0	86	10
1BB01	Thit	A curat.		t.		mg/l	m.mhos/cm	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	√8m	Ngm	V8₩	∿gm	mg/l	√Sw	₩ W	mg/l	√8m	√gш.	mg/l
			Potential of Hydrogen'	Turbidity'	Colour	Permanganate No.	Electric Conductivity'	_iron_	Manganese	'Calcium'	'Magnesium'	.Sodium.	Total Hardness'	Total Alkalinity	Chloride	Fluoride.	Nimite'	Sulphate	Phosphate	Total Dissolved Solid'	Potassium	'Carbonate'	Bicarbonate.	'Silica'
Sampling point	Trem		Hd	TB	G.R.	PNO	ည္ထ	出	Man.	ర	MG	NA	田	TA	ರ	ſ£,	NO3	8	\$	SCT	×	ອ	HCO3	SIO2

	managen of the sequence of the	the second of th	The second section of the second section of the second section of the second section s	Sampling Date	- Carlotte Calledon Carlotte Carlotte	e e e e e e e e e e e e e e e e e e e	A to the ball post that of the			e produce established the constant of a	
Š	Item		Unit	08/11/73	07/12/73	20/03/74	11/04/74	10/05/74	16/07/74	17/10/74	
-	PH	Potential of Hydrogen		7.3	7.4	7.5	8.2	7.6	80	8.5	
4	4 2	Turbidity.		N.D.	N.D.	N O	Ŋ	N.D.	N.D.	N.D.	
L .3	g,	.Colour		N.O.N.	N.O.	N.D.	ON	ND	NO	N.D.	
4	ONG	Permanganate No.	mg/l	N.D.	N.D.	O'N	NO	N. O.	N.D.	N.D.	
*	EC	Electric Conductivity'	m.mhos/cm	ÖZ	N.O.	ď.	N.D.	N.D.	N.O.	N.D.	
Ý	出	Tron	mg/l	O'N	N.D.	N.D	ND	N	ND	N.D.	
7	NN	'Manganese'	ng∕1	Z.D.	O'N	N.D.	N.D.	N.D.	N.D.	N.D.	
છ	ঠ 	'Calcium'	√Sm	19	83	15	25	29	16	Ξ	
0) MG	'Magnesium'	√Sm		13	m	18	30	9	S	•
	10 NA	Sodium,	mg/l	20	ដ	66	19	83	7	2	
.: -6	1 TH	Total Hardness	ng/	Z.O.Z	N.O.	Ν̈́D.	N.D.	Z. Ö.	N D	N.D.	
H	2 TA	Total Alkalinity'	mg/u	N.D.	N.D.	N.O.	ND	N.D.	N.D.	N.D.	
	ය ධි	Chlonde.	mg/l	4	7	m	21	19	∞	Q	
e-i	th.	Fluoride	mg∕l	Ν̈́Ω	Ŋ.	N.D.	Z Z	ND	Ω	ΩZ	
F-4	15 NO3	'Nitrite'	mg/v	0	_	-	0	0	0	0	
	16 SO4	'Sulphate'	mg/l	11	, -	ന	0	0	v 3	0	
, .	77 PQ4	'Phosphate'	mg/l	O'N	Q N	O'N	N.D.	N.D.	ND	N.D.	
	SCT 81	Total Dissolved Solid	mgv	170	250	100	280	540	195	95	
	19 K	"Potassium"	√Sm		21	C1	31	. 79	11	63	
•	20 CO3	'Carbonate'	mg/ī	0	19	7	22	0	0	ત્ય	
	21 HCO3	'Bicarbonate'	m Ngm	149	207	81	212	539	1 4	8	
1	22 \$102	'Silica'	₩.	35	35	25	20	40	35	25	l
•		NOTE	•• • •	N.D. means "not detected	or detected.					-	

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																:								The second secon	
	·																-	÷.							
		21/08/75	7.1	N.D.	N.O.	Ŋ.	NON	N.D.	Ŋ,	4	\$	12	N,D	N Ď	73	N.D.	0	8	N.D.	110	4	0	&	30 %	
		26/05/75	7.6	O'N	O.Z.	ND	ND	N.D.	N.D.	Ϋ́		13	N.D.	N.D.	-	N.D.	-4	- -4	Ŋ.	81	4	0	95	- 15 m m	100
		12/05/75	7	O'N	ND	N.O.	ΩN	N.O.	Ϋ́	217	∞	15	NO	N.D.	4.	ΩΧ	0	2	ΩN	220	4	0	142	25	not detected.
	Sampling Date	21/04/75	6.7	Ω̈́Z	OZ	N.D.	ďΖ	Ö,N	N.D.	71	&	19	N.D.	Ŋ	7	O'N	0	0	N.O.	O'N	20	0	168	30	N.D. means "no
		Unit				mg/l	m.mbos/cm	mg/l	₩/Zw	√8m	mg/l	МgЛ	√8w	mg/J	mg/l	mg/l	mg/l	mg/l	mg/l	₩ Mg/I	mg/l	ngu	mgA	mg/l	The second of th
			"Potential of Hydrogen"	Turbidity.	Colour	Permanganate No.	Eceric Conductivity'	Tron.	"Manganese"	Calcium.	'Magnesium'	Sodium.	Total Hardness'	Total Alkalinity'	'Chloride'	Fluoride.	Ninite.	Sulphate.	Phosphate.	Total Dissolved Solid	Potassium	'Carbonate'	Bicarbonate	'Silica'	NOTE
		No. Item	1 PH	2 TB	s, GA	4 PNO	S EC	6 RE	7 MS	ಶ ∞	9 MG	10 NA	11 TH	12 TA	13 D	7.	15 NO3	36 504	17 8X	18 TDS	79 K	20 CO3	21 HCO3	22 ST02	: 1
. Į	,		1								t	5 - 7	' (1)												

NZOIA	t 22/11/73 07/12/73 21/12/73 20/03/74 16/07/74	7.7 8.5 7.5	N.D. N.D. N.D. N.D. N.D.	N.D. N.D. N.D.	N.D. N.D. N.D. N.D.	N.D. N.D. N.D. N.D.	N.D. N.D. N.D. N.D.	N.D. N.D. N.D. N.D.	01 01	8	6.87	N.D. N.D. N.D. N.D.	N.D. N.D. N.D. N.D.	3 4	I.D. N.D. N.D. N.D.	0	1 4 5 1 3 1	1 N.D. N.D. N.D. N.D. N.D.	1 90 85 90 106 135	1 3 2 2 3 4	0	1 56 66 44 76 61	7 25 20 20 30
Sampling point : 1BD02	Unit	Potential of Hydrogen'	Turbidity	'Colour'	Permanganate No. mg/	ry.	Tron	'Manganese' mg/	'Calcium' mg/l	'Magnesium' mg/l		Total Hardness' mg/l	Total Alkalinity mg/l	'Chloride' mg/l	Fluoride' mg/l	'Nitrite' mg/l	'Sulphate' mg/l		lved Solid	Porassium' mg/l	'Carbonate' mg/l	Bicarbonate' mg/l	'Silica' mg/l

	22/11/73 07/12/73 20/03/73	2.7 7.7	N.D. N.D.	N.D. N.D.	N.D. N.D.	N.D. N.D.	N.D. N.D. N.D. N.D.	N.D.	15		11 13	N.D. N.D.	Č.	4	Ü,	2 0 0	7	Z.D.	110 120 90 330	3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	•	
Sampling Date	07/11/73	7.5 7.8	N.D. N.D.	N.D. N.D.	N.D. N.D.	N.D.	N.D. N.D.		11 14	9 9	8 11	N.D. N.D.	N.D.	4	N.D. N.D.	0		N.D.	120 130	т. М		> · · · > ·
	Unit	1			Mg∕l	E	√Sm	mg/l	√gm	√Sw	√8m	mg/l	1/Sm	l∕gm	mg/l	₩ W	√Sm	√Sm	φ. mg/J	√Sm		INS.
		Potential of Hydrogen	Turbidity'	'Colour'	Permanganate No.	Electric Conductivity'	_roo_	.Manganese,	'Calcium'	'Magnesium'	.Sodium,	Total Hardness	Total Alkalinity	'Chloride'	Fluoride	'Nimite'	'Sulphate'	Phosphate,	Total Dissolved Solid	Potassium'	"Cookso".	
	No. Item	1 PH	2 TB	3 GR	ONG 4	S	6 品	7 MN	ঠ ∞	o WG	10 NA	HI III	12. TA	ස ස	T	15 NOS	16 504	17 PQ	18 TDS	19 X		

. ! .				Sampling Date					*	
No. Item	æ		Unit	10/05/73	16/07/73	17/10/73	4			
Hd		Potential of Hydrogen		6)	7.4	7.8				
B		Turbidity.		N.D.	N.D.	Z,D				
g		'Colour'		QN	N.D.	Q N				
ON O		Permanganate No.	ľým ľ	N.D.	N.D.	N.	\$		-	
Щ С		Electric Conductivity	m.mhos/cm	N.D.	N.D.	N.D.				
ዘ		Tron	Lyse Lyse	N.D.	N.D.	N				
Z	-	'Manganese'	mg/l	N.D.	N.D.	Z.D.				
ີວ		'Calcium'	√Sw	6	01	21				
Ž	-	'Magnesium'	mg/l	٠	m	S				
Ż		"Sodium"	mg/l	10	8	6				
Ë		Total Hardness'	mg/l	N.D.	N.D	ÖZ				
7		Total Alkalinity'	mg/l	Ŋ. O.N	NON	Ŋ		·		
ဌ		'Chloride'	mg/l	19	Ó	9				
μ,		Fluoride	mg/I	N.D.	N.D.	ÖZ				
NO3		'Niarite'	mg/l	0	0	0				
16 SO4		Sulphate.	l∕gm	0	0	27				
7 8	ヹ	'Phosphate'	mg/l	Ω̈́N	N.D.	N.D.				
sar 81	SC	Total Dissolved Solid	mg/l	185	115	145				
19 K		'Potassium'	mg/J	V	w	7				
20 CO3		'Carbonate'	mg/l	0	0	0				
21 H	HCO3	Bicarbonate,	mg/l	98	83	93				
22 SI		'Silica'	l/sm	35	20	10				j
		NOTE	* 1	N.D. means "not detected.	detected.			-		

Samp	Sampling point :	1CB05	SOSIANI	(1/2)						
:			Sampling Date			:			:	
No. Item		Unit	22/11/73	07/12/73	11/04/74	10/05/74	17/10/74	23/01/74	07/03/74	
HA I	Potential of Hydrogen'		7.1	7.3	8.6	7.4	8.9	8.3	7.5	
2 TB	Turbidity'		ÜZ	N.D.	N.O.	Q.N	ď.	N.D.	Z.D.	
3 CLR	'Colour'		Q Z	ND	QN	N.D.	N.D.	Z. D.	Ö,Z	
4 PNO	Permanganate No.	mg∕l	Ω̈́Z	N.D.	N.D.	N.D.	N.D.	ND	Ö,Z	
SEC	Electric Conductivity	m.mhos/cm	Ω̈́Z	N.	N.D.	N.D.	Ö.Z	N.O.	Z.D.	
6 FE	Tron.	mg/l	Ω̈́Z	Q.Z	N.D.	N.D.	Z, D,	N.D.	Ω̈́Z	
7 MN	'Manganese'	mg/l	N.D.	ND	N D	N.D.	N.D.	N.D.	N.D.	
ઇ જ	'Calcium'	mg/l	9	'	m	9	, v)		14	
o MG	'Magnesium'	mg/l		4	4	5	4	m	Ś	
10 NA	'Sodium'	mg/l	<u>6</u>	02	Ó	6	14	16	61	
H TH	Total Hardness	mg/l	N.D.	N.D.	N.D.	Ŋ.	Ä.Ö.	Z.D.	Ω̈́Z	,
12 TA	Total Alkalinity	√8m	N.D.	ND	N.O.	N.D.	Ϋ́ Ö	O.Z	N N	
ង ជ	'Chloride'	тgл	М	4	4	φ.	Ó	ø	Ý	
止	Fluoride	mg/l	N.D.	N.D.	N.D.	N.D.	Z, Ö,	N.D.	Ŋ	
15 NO3	Nimite.	√Sw	0		2	0	0	0	0	
36 \$52	'Sulphate'	mg/l	4	(A)	د ه	m	0	ψ	4	
17 &	Phosphate.	mg/l	QZ	N.D.	N.O.	N.D.	Z.	N.D.	O Z	
SCT 81	Total Dissolved Solid'	mg/l	74	8	105	011	8	120	135	
19 K	'Porassium'	√Su.	M	m	S	4	m	S	Φ.	
20 003	'Carbonate'	mg/l	0	0	19	0		ن	0	The state of the s
21 HC03	3 Bicarbonate	√Sur	37	6	or	51	51	28	112	э • .
2 800	·Since	Vam	20	20	20		20-	20		

Ph. Potential of Hydrogen Unit 21/04/74 13/05/74 26/06/74 26/06/74 22/08/74 26/08			Sampling Date	a complete programme constraints	Abdicate for administra	er, politikasi aspati ayadir atsiye.	Committee of the control of the Committee of the Committe		the professional research the con-
Potential of Hydrogen 7.4 7 6.5 6.9 Turbidity N.D. N.D. <th>co</th> <th>Unit</th> <th>21/04/74</th> <th></th> <th>29/05/74</th> <th>26/06/74</th> <th>22/08/74</th> <th></th> <th></th>	co	Unit	21/04/74		29/05/74	26/06/74	22/08/74		
Turbidity' N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D			7.4	7	6.5	6.9	6.9		
Colour' N.D. N.D.			ND	O Z	ND	N.D.	N.D.		
Permanganate No.* mg/l N.D. N.D. N.D. N.D. Tool* Tron* manhos/cm N.D. N.D. N.D. N.D. Tool* Tool* mg/l N.D. N.D. N.D. N.D. Yaanganese* mg/l N.D. N.D. N.D. N.D. N.D. Yaanganese* mg/l N.D. N.D. N.D. N.D. N.D. Yaanganesium* mg/l 12 6 2 5 8 Yaanganesium* mg/l N.D. N.D. N.D. N.D. N.D. N.D. Tooral Hardness* mg/l N.D. N.D. N.D. N.D. N.D. N.D. Tooral Hardness* mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. Tooral Hardness* mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D. Tooral Alkalinity* mg/l N.D.<	CLR Colour		. N.D.	N.D.	N.O.	ŊŊ	N.D.		- 14 .
Electric Conductivity		mg/l	N.D.	N.D.	N.D.	N.D.	N.D.		
Tron' mg/l N.D. N.D. N.D. N.D. Ydangancse' mg/l N.D. N.D. N.D. N.D. Ydangancsium' mg/l 12 6 2 5 Ydagnesium' mg/l 13 16 6 8 Ydagnesium' mg/l N.D. N.D. N.D. N.D. Ydagnesium' mg/l N.D. N.D. N.D. N.D. Total Hardness mg/l N.D. N.D. N.D. N.D. Total Alkalinity' mg/l N.D. N.D. N.D. N.D. Sulphace' mg/l Mg/l M.D. N.D. N.D.	EC Electric Conductivity'	m.mhos/cm	N.D	QZ	ND	ÖZ	Ü		
Mangancse* mg/l N.D. N.D. N.D. N.D. Calcium* mg/l 12 6 2 5 Yagnesium* mg/l 13 16 6 8 Sodium* mg/l N.D. N.D. N.D. N.D. Total Hardness* mg/l N.D. N.D. N.D. N.D. Total Akalinity* mg/l N.D. N.D. N.D. N.D. Total Akalinity* mg/l N.D. N.D. N.D. N.D. Total Akalinity* mg/l N.D. N.D. N.D. N.D. Thoral Akalinity* mg/l N.D. N.D. N.D. N.D. Thoral Akalinity* mg/l N.D. N.D. N.D. N.D. Sulphare* mg/l N.D. N.D. N.D. N.D. Total Dissolved Solid* mg/l N.D. N.D. N.D. N.D. Total Dissolved Solid* mg/l N.D. N.D. N.D.	FE Tron'	mg/l	Ω̈́Z	N.D.	N.D.	Ν̈́Ω	Ω̈́Z		
Calcium' mg/l 12 6 2 5 Magnesium' mg/l 2 3 1 1 Sodium' mg/l 13 16 6 8 Total Hardness' mg/l N.D. N.D. N.D. N.D. N.D. Total Hardness' mg/l N.D. N.D. N.D. N.D. N.D. N.D. Total Hardness' mg/l N.D. N		mg/J	Ö, X	QZ	N. Ö	N.D.	N.D.	•	
Wagnesium' mg/l 2 3 1 1 Sodium' mg/l 13 16 6 8 Total Hardness' mg/l N.D. N.D. N.D. N.D. N.D. N.D. Total Alkalinity' mg/l N.D. <	٠.	mg/l	12	. 9	2	Ś	4		
Sodium' mg/l 13 16 6 8 Total Hardness' mg/l N.D. N.D. <t< td=""><td></td><td>mg/l</td><td>61</td><td>m</td><td>F.</td><td>pupi</td><td>7</td><td></td><td></td></t<>		mg/l	61	m	F.	pupi	7		
Total Hardness' mg/l N.D.		mg/l	13	15	9	90	4		
Total Alkalinity' mg/l N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D		Mg∕l	N.D.	N.D.	ND	ŊŊ	N.D.		
Chloride: mg/l 9 16 4 4 4 4 4 4 4 4 4 N.D.		mg/J	Ω̈́Z	N.D.	N.D.	N.D.	N.D.		
Fluoride' mg/l N.D.		l/Sm	6	16	ব	4	8		
Numbrane mg/l 0 0 N.D. N.D. Sulphane mg/l N.D.		mg/l	ΩZ	QN	N.D.	N.O.	N.D.		
Sulphate* mg/l 4 4 5 0 Phosphate* mg/l N.D. N.D		l∕gm	0	0	N.D.	N.D.	9		
Phosphate' mg/l N.D.		mg/l	4	4	Ś	0			
Total Dissolved Solid* mg/l 90 120 55 70 "Poussium" mg/l 6 6 3 3 3 3 "Carbonate" mg/l 73 26 22 41		₩ Vam	O.Z.	N.O.	N.D.	N.D.	N.D.		
'Poussium' mg/l 6 6 3 3 'Carbonate' mg/l 0 0 0 0 'Bicarbonate' mg/l 73 26 22 41		mg/l	8	120	55	8	06		
'Carbonate' mg/l 0 0 0 0 'Bicarbonate' mg/l 73 26 22 41		MgM	\$	9	m	m	4		
"Bicarbonate" mg/l 73 26 22 41		mg/l	0	0	0	0	0		
		mg//	73	58	23	4	32		
Sifica 20 20 10		μgγ	20.	20	20	10	20		.*
		••	N.D. means "no						

			Sampling Date			- -				
No. Item		Unit	22/11/73	07/12/73	17/10/74	25/10/74	07/03/74	21/04/74	13/05/74	29/05/74
PH	Potential of Hydrogen.		7.3	7.6	8	7.7	7.8	7.7	6.9	6.6
E	Turbidity'		N.D.	QN	N.D.	N.D.	NON	N.D.	N Q	NO
G.R.	'Colour'		O.S.	NO	N.D.	N. O.	O'N	N.D.	N.D.	N.D.
PNO	Permanganate No.	Ngm	N.O.	N.D.	Ö.Ö.	N.O.	O'N	N.D.	N.O.	ÜŻ
EC EC	Electric Conductivity'	m.mhos/cm	O.X.	O'N	N.D.	N.D.	N.D.	N.D.	NO	Ν̈́Ω
铝	'Iron'	₩ W	ND	Q'N	N.D.	N.O.	N.D.	N.D.	O'N	NON
Z	'Manganese'	% m	ÜZ	N.O.	N.D.	N.D.	N.D.	Ŋ	Ω̈́Z	Ν̈́Ω
క	'Calcium'	l∕3m	7	w [°]	-	9	∞	9	7	w
MG	'Magnesium'	VSш	erd	m :	4	m	4	63	რ	2
NA AZ	'Sodium'	l/gm	10	Ħ	=======================================	12	11	12	12	2
田	Total Hardness'	₩ WS/U	O'N	N.D.	N.D.	N.D.	N.D.	N'O	N D	Ν̈́
TA	Total Alkalinity'	l/Sm	O'N	N	N.D.	O'N	N.O.	Ö	N.O.	ď.
ម	'Chlonde'	mg/l		m	Ó	4	₩.	7	∞	4
ĮŁ,	Fluoride,	l/Sm	ů,	N.O.	Ö,	Ŋ	Ŋ	O.Z.	Ŋ	N.D.
NO3	Nurite'	PSm	'	0	•	0	-	 •Ø	m	የሳ
SQ 4	Sulphare,	mg/l	4	∞	15	0	\$	0	\$	73
ğ	Phosphate.	l/Sm	Ω̈́Z	N.D.	Ν̈́	Ö.Z	O Z	N.D	O Z	O.Z
SC	Total Dissolved Solid'	ng Va	81	8	105	105	115	130	120	8
×	Potassium.	mg/l	m		ņ	m	\	¥ή	4	4
20 03	'Carbonate'	mg/l	•	0	0	0	٥	0	0	
21 HCO3	'Bicarbonate'	ng/n	49	49	88	8	75	63	22	*
	and the second of the second o				. (ç	20	36	71

				Sampling Date							
ġ	Item		Unit	26/10/56	95/60/60	26/05/70	22/08/70	01/11/80	20/11/70	06/12/70	14/12/70
1	Hď	Potential of Hydrogen		7.3	8.2	7.5	7.4	7.8	7.5	7.6	7
ς,	P	Turbidity.		N.D.	ÖZ	N.D.	Ω̈́N	N.D.	N.D.	N.D.	N.D.
(1)	g	.Colour		N.D.	N	Ŋ	ND	ND	N.D.	ND	ND
4	PNO	Permanganate No.	ng/l	N.O.	N.D.	N N	N.D.	Ŋ	N.D.	ND	ND
Ś	ല്ല	Electric Conductivity'	m.mhos/cm	Q'Z	Ö,	N.D.	N.D.	Z	ND	N.O.	N.D.
Ö	臣	Tron.	mg/l	N.D.	N.D.	N.D.	ΩN	N.D.	N.D.	QN	N.D.
	N. N.	Manganese	₩8/J	N.D.	Ö,	N.D.	N.D.	N.D.	N.D.	NON	N.D.
00	ర	'Calcium'	√Sm	N.D.	2	0	Φ	11	01	10	01
0	MG	Magnesium'	₩ V	N.D.	4	•	2	δ	7	Ś	S
10	Z.A.	Sodium.	mg/l	N.D.	တ	N.D.	Ø	11	6	01	12
-14	E	Total Hardness	mg/l	N.D	N.D.	Ω.N	Ö.	N.O.	N.D.	Ν̈́Ω.	N.D.
22	TA	Total Alkalinity'	mg∕√	N.D.	Ö.	Ω̈́	N.D.	ΩN	N.D.	Ö'N	N.D.
13	f	'Chloride'	Ng m	63	က	7 77	т	ť	4	73	11
7	<u>;</u>	Fluoride	√gm	Ö.	N.D.	Ö.Z	Ω. Ω.	N.D.	Ö.	Ŋ.	N.D.
5	NOS	Ninite'	V&u	N.D.	N.D.	N.D.	ΩN	N	NO	N	N.D.
16	SOS	'Sulphate'	mg/l	0	-	0	11	∞	M	∞	61
17	Ş	'Phosphate'	V8₩	Ö,	N.D.	ď. Ž	N.D.	Ω̈́	N.O.	Ω. O.	N.D.
90	SQL	Total Dissolved Solid'	mg/l	14	86	230	88	115	105	8	8
39	. ×	Potassium	mg/l	Z,Ö	ćΩ	ď.	ঘ	~3	ന	~	61
8	ŝ	'Carbonate'	√Sm	N.D.	ď.	N.D.	0	0	0	0	0
ដ	HCO3	'Bicarbonate'	mg/J	N.D.	N.D.	N.D.	\$	28	8	88	73
\$	Ç	,000	7000	0.	¥	. ¥	5	Ç	5	¥¢	ç

		-	Samping Date							*
No. Item		Unit	26/02/70	16/03/70	11/04/70	07/50/60	10/05/70	29/05/70	20/07/70 20/08/70	02//80/
Hd I	"Potential of Hydrogen"		7.5	8.2	7	7.4		7.4	9.1	
2 13	Turbidity.		N.O.	ND	NO	Ω̈́N	N.D	Ŋ.	N D	
3 GR	.Colour,		N.D.	N.D.	N.D.	N.O.	N.D.	Ŋ	ΩN	
4 PNO	Permanganate No.	mg/l	N.D.	N.D.	N.	Ŋ.	N.	N.D.	N.D.	
SEC	Electric Conductivity	m.mhos/cm	N.D.	N.O.	N.D.	O'N	N.D	Ö,N	ΩZ	
6 TE	Tron'	mg/l	N.D.	N.O.	N.D.	Q	N.D.	N.D.	OZ	
7 MN	"Manganese"	Mg/m	Q'N	N.O.	N.	N ON	O'Z	Ŋ	NON	
ర «	'Calcium'	mgA	rod	13	01	Ħ	11	φ	9	
9 MG	'Magnesium'	mg/l	\$	S	9	4	4	S	6	
N OI	Sodium.	mg/	12	11	H	6	6	6 6	6	
11 TH	Total Hardness'	mg/J	N.D.	Ö.N.	ď.	QZ	O Z	ΩN	N.O.	
12 TA	Total Alkalinity	mg/l	N.D.	N.D.	O.N.	Q'N	Ŋ	ΩΧ	N.D.	
13 Q	'Chloride'	mg/l	M	16	11	ش	35	23	9.	
7. F	Fluoride	mg/n	N.O.	N.D.	Ω̈́.	N.D.	Q.Z	O.Z.	N.D.	
15 NO3	Nitrite.	√8m	N.D.	N.D.	N.O.	O'N	Ŋ	QN	ND	
16 SQ4	Sulphate,	mg/l	4	4	Υ,	Ś	S	6	0	
17 PO4	Phosphate.	√Sm	N.O.N.	N.O.	NON	N.D.	Ŋ	Ω̈́N	N.D.	
SQT SI	Total Dissolved Solid'	mg/A	8	95	115	120	150	150	.125	
36 K	Potassium.	mg/l	2	74	9	4	4	4		
800	'Carbonate'	mg∕J	0	\$	0	0	0	0	10	
21 HCO3	Bicarbonate.	√Su	2	83	83	*	8	*	99	
STO	Silica.	mo/l	9		30	25	30	30	30	

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Š	No. Item		Unit	19/09/70	07/01/71	25/10/70	07/10/60	22/01/75	08/02/75	07/03/75	20/03/75
	Н	Potential of Hydrogen		6.9	7.7	7.4	8	1.8	7.9	7.5	7.
7	e	Turbidity*		Z.O.	ď.N	ΩN	NO	N.D.	N.D.	N.D.	NO
(*)	ä	'Colour'		OZ.	Ŋ	Ω Z	NON	N	ND	N.D.	Z
4	ON.	Permanganate No.	mg/I	OZ	N.D.	Ä,	N.O.	N.O.	Ŋ.	Ŋ	Z
Ņ	ည္ထ	Electric Conductivity'	m.mhos/cm	N.D.	Q Z	N.O.	Ŋ	N.O.	ď. Ž	N.O.	Z
Ø	田	Tron	mg/l	N.D.	ND	Ŋ	OZ	N.D.	N.D.	N.D.	Z
~	Z	Manganese	₩ Vsw	N.O.	Ö,	N.D.	N.D.	N.D.	N.D.	N.D.	N.
φó	ర	'Calciam'	₩ VSW	οń	2	12	13	91	13	12	-
ø	W.C	'Magnesium'	ng∕1	7	S	4	ø	-4	4	\$	4
ဂ္ဂ	ž	Sodium	₩.	6	∞	9	6	6	10	Ó	
Ξ	吾	Total Hardness'	mg/l	Ö	NO	N.D.	Ö	NON	O'N	N.D.	Z
27	T.	Toral Alkalinity	mg√l	ÖZ	ÖZ	N.D.	Q'N	N.D.	N.D.	N.D.	N
23	ರ	Chloride	mg/l	61	S	4	m	ťΩ	m	m	9
7	ſı,	'Fluoride'	√Su.	Ö.N	Ω̈́	N.D.	O'N	Ω̈́N	N.D.	N.D.	N.Z.
15	NOS	Nimic	₩§⁄I	Ö.X	Ċ	ď	Ö,	O'N	N.D.	N.D.	N.D.
91	Š	'Sulphate'	l/g/m	'n	27	0		7	-	0	
	Š	'Phosphate'	l∕3m	N.D.	Q Z	N.D.	Ŋ	ΩN	N.D.	N.D.	N.Z.
39	SCI	Total Dissolved Solid	mg/l	Ö,	135	120	115	120	130	115	210
\$	×	"Potassium"	₩8⁄V	m	2	61	W	m	4	**	
ଯ	S	'Carbonate'	mg/J	0	0	0	0	0	0	0	٥
22	HCO3	Bicarbonate.	mg/l	71	92	8		83	88	88	71
3	SIO2	Silica	l/sm	20	01	25	25	20	*	36	O.

		•	Sampling Date							
No. Item		Unit	09/04/75	18/04/75	28/04/75	51/50/60	29/05/75	25/06/75	24/05/75	21/08/75
1 PH	"Potential of Hydrogen"		7.6	7.4	7.4	7.3	6.6	7.1	7.8	7.4
2 TB	Turbidity'		Z, Ö,	Z.O.	Ö,	N.D.	N.D.	N.D.	N.D.	Q'N
3 CLR	'Colour'		N O	Ŋ	N.D.	N	N.D.	ND	O.N.	O.X.
A PNO	Permanganate No.	√Sm.	N.O.	Ö	ND	NO	N.D.	N.D.	N.D.	N.D.
SEC	Electric Conductivity	m.mhos/cm	N.D.	N.D.	N.D.	N.O.	N.D.	N.D.	N. O.	O Z
6. 形	'Iron'	mg/l	Ö,N	Ϋ́	NON	NO	N.D.	N.D.	Ü,	O'N
V MN	'Manganese'	mg/l	N.D.	QX	ND	NΩ	O.N.	N.D.	ND	O.N.
ర బ	'Calcium'	mg/l	14	∞	11	13	7	∞	9	∞
9 MG	'Magnesium'	₩\$V	ო	4	64	m	7	4	7	
10 NA	Sodium.	√gm	10	တ	13	12	6	13	∞	6
11 18	Total Hardness	Mg/l	Ö,N	Ö	N.D.	N O	N.D.	N.D.	N.O.	Q.X.
12 TA	Total Alkalinity	l/Sm	N.D.	Ŋ	N'O	N.D.	N.D.	N.D.	N.D.	Q.Z.
13 9	'Chloride'	√Su.	;	Ś	4	4		7	7	•
7. F.	Fluoride	₩	Ü	Ċ	NON	N.D.	N.D.	N.D.	N.D.	Z
15 NO3	Nimite	mg/l	NON	N.D.	NO	N. D.	N.D.	N.D.	N,D	HZ
16 804	Sulphate.	mg/l	0	0	4	7	\$	-	7	
17 804	Phosphate'	mg/l	O'Z	ΩN	N.D.	N.	N.D.	N.D.	N.D.	Z
SCT 81	Total Dissolved Solid'	mg/l	120	388	165	123	36	140	205	110
19 K	'Pomssium'	mg/l	4	S	9	4	4	4	4	er)
20 CO3	'Carbonate'	mg/l	0	0	0	0	0	0	0	
21 HCO3	Bicarbonate.	mg/l	83	88	76	8	4	8	51	282
2013	Villes.	L'au	25	2	15	8	2	25	S _c	25

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1			The second of the second of	Sampling Date							
No. Item	ė		Unit	15/09/72	22/08/73	08/10/73	31/10/73	20/11/73	06/12/73	14/02/74	05/05/74
Hd I		Potential of Hydrogen		7.	7.5	7.2	7.4	7.4	7.4	7	7.3
2 13	-	Turbidity'		N.D.	NO	ND	ND	N.D.	NON	N.D.	Ω̈́
S CLR	X.	Colour,		O'N	N D	ND	Q'N	N.D.	N.D.	N.D.	Ω̈́Z
4 PNO	Q	Permanganate No.	ng/l	N.D.	N.O.	N.D.	N.	N.D.	N.D.	N.D.	Ċ
SEC		Electric Conductivity	m.mhos/cm	N.D.	N N	Z, Z,	N.D.	ďΖ	N D	N.D.	Ν̈́Ω
田 9	j6	Tron'	ngu	N.D.	N	ND	Q	ŊŊ	N.D.	QN	Ŋ
7 MAN	Z	'Manganese'	mg/l	N.D.	N.D.	N.D.	ÖÖ	N.D.	N.O.	N.O.	Ŋ
& &		'Calcium'	₩g/I	∞	∞	∞	δ.	δ	10	11	4
9 MG	ئ	'Magnesium'	1/8m	m	2	m	10	H	\$	S	S
2 2	مي	.Sodium.	l/gm	6	1	∞	Φ	∞	σ	13	41
11 TH) Japal	Total Hardness	mg/l	N.D.	N.O.	N. D.	ON	N.D.	N.D.	N.D.	N.D.
12 TA	٠.	Total Alkalinity'	√8m	Ŋ,	N.D.	N	ÖZ	N. O.	N.D.	N.D.	N.D.
13 Q		'Chlonde'	mg/l	r	7	7	eri,	m	0	7	4
Δ. Ω.		'Fluoride'	mg/l	ΩN	N.D.	ÕZ	ON	N.D.	N.D.	QN	Z Q
15 NO3	23	'Nurite'	mg/l	Ŋ.Ď.	N.D.	Z D	Q.Z	N.D.	ND.	N.D.	Z. Ü.
16 SO4	丈	'Sulphate'	√Sm	άχ	ന	\$	4	\$	4	2	0
7.	又	"Phosphate"	n Se	Ω̈́Z	ΩZ	O Z	Q	N.O.	Ŋ. O.	Ν̈́Ω	N.O.
18 TE	SOT	Total Dissolved Solid	ng/n	120	8	125	130	8	88	81	130
19 K		'Potassium'	√Sw.	(Υ)	က	73	. 2	ćΥ	c1	73	
ි ස	ç	'Carbonate'	mg/l		0	0	0	0	0	0	0
21 HC	HCO3	Bicarbonate,	mg/l	73	, K	63	110	49	8	83	39
22 ST	STO2	'Silica'	mg/l	30	20	30	25	25	10	25	20
		NOTE	••	N.D. means "not	ot detected.			٠.			

No. Item		Uait	19/07/74	31/07/74	20/08/74	20/09/74	17/10/74	24/01/74	07/02/74	12/22/51
뀲	Potential of Hydrogen'		9.1	7	6.8	6.8	7.6	7.4	7.6	7.1
e a	Turbidity,		ΩΖ	ď,	N.D.	Q	Ö	ΩN	ON	N.N.
g.	'Colour'		O'N	Ö,	N.D.	N.D.	N.D.	Ŋ	Ö,	O'N
O.N.	Permanganate No.	V&w	ÖZ.	N.D.	Z.	N.D.	Ŋ	Ω̈́	N.D.	N
E EC	Electric Conductivity'	m.mbos/cm	Q Z	N.D.	NON	Ċ	OZ	N	ΩN	O.N.
्रस	Tron,	Mg/M	Ö	N.D.	N.D.	N O	Ŋ	N.O.	N.D.	Ö.Z.
MN	Manganese,	Ngm	N.	N.D.	N.O.	N	Q.N	N.D.	N,D	O.N.
క "	'Calcium'	√Sm	7	∞	Ś	8	òò	15	15	13
MG	"Magnesium"	ľým.	m	2	10	\$	S	7	50	7
AN O	'Sodium'	l/gm	∞	00	6	~	1		14	-
TH.	Total Hardness'	mg/l	N.O.	QN	N.O.	ND	Ŋ	QZ	QN	I.Z.
2 TA	Total Alkalinity	mg/l	N.D.	N.D.	N.O.	Ν̈́Ω	O'N	O.Z.	N.D.	Ŋ.
ರ "	'Chloride'	mg/l	4	01	CI.	- ;*	4	'	4	9
THE PERSON OF TH	'Fluoride'	mg/l	N.D.	N.D.	N. U.D.	Ω̈́N	Ŋ	N.D.	N.D.	Q.N.
s NO3	'Nimite'	mg/l	O.N	N.D.	N.D.	Ŋ	NON	QN	N.D.	ND
6 504	'Sulphate'	mg/l	-	0	\$	61	27	6	۲'n	*
200	Phosphate,	₩ V&w	Ö.N.	Ω̈́N	N.D	O.Z.	ΩX	N.D.	N.D.	QX
rs TDS	Total Dissolved Solid	ng/l	120	150	135	8	135	\$6	95	140
19 K	"Porassium"	mg/l	6	ເນ	7	**	7	en.	寸 :	4
20 02	'Carbonate'	mg/l	12	0	0	0	0	0	0	0
21 HC03	Bicarbonate	Mg/l	63	¥	3	63	8	8	<u>8</u> 2	<u>አ</u>
22 STO2	'Silica'	mg/J	30	25	25			20-	30	A

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	18/04/74 25/06/74 26/07/74 21/08/74	1	N.D.	N.D.	N.D. N.D. N.D. N.D.	N.D.	N.D. N.D.	N.D.	9 88	4 2 2	6 8 8 8	N.D. N.D.	N.D. N.D.	5 2 3	N.D.	N.D. N.D.		N.D. N.D. N.D. N.D.	130 175	4 4 4	0 0 0	90 96 96 103	20 15 30 25
	08/04/74 09/04/74	7.4 7.6	A	-	N.D. N.D.			N.D.		ຕ ຕ	18 13	N.D.	N.D.	11 6	N.D.	N.D.	11	N.D.		च च	0	102 85	30 25
Sampling Date	Unit 19/03/74	7.4	, O'N	QN ·	mg/l N.D.	m.mhos/cm N.D.	mg/l N.D.	mg/l N.D.		mg/l	71 1/8m		ng/l		ag/l	ng/l		mg√ N.D.	mg/l	mg/l	o Vau	98 VSm	mc/l 30
		Potential of Hydrogen	Tarbidity.	.Colont.	Permanganate No.	Electric Conductivity'	Tron,	'Manganese'	'Calcium'	'Magnesium'	.Sodium.	Total Hardness'	Total Alkalinity'	'Chloride'	'Fluoride'	'Nimic'	Sulphac.	'Phosphate'	Total Dissolved Solid'	Potassium	'Carbonate'	'Bicarbonate'	'Sifica'
e de la companya de l	No. Item	Ha t	2 TB	3. CLR	PNO PNO	S EC	6 H	7 MN	ర ∞	9 MG	10 NA	H 11	12 TA	13 GL	14 F	15 NO3	16 804	17 804	SCT 81	19 K	20 CO3	21 HCO3	22 SIO2

			Sampling Date		٠				:	
No. Item		Unit	21/08/73	20/11/73	06/12/73	15/02/73	16/03/73	11/04/73	21/50/60	19/07/73
HA I	Potential of Hydrogen'		7.3	7.5	7.7	7.3	8.5	7.2	7.1	
2 TB	Turbidity'		ΩX	N.D.	Ö,N	QZ	Ŋ	O'N	Ω̈́N	Z
S GR	'Colour'		Z.D.	ND	QZ	Ö.Z	N.D.	N.D.	N.D.	Z
4 PNO	Permanganate No.	mgA	ÖZ	Ö.Z	Ö,	N. O.	Ö	N. D.	Z.	Z
S EC	Electric Conductivity'	m.mhos/cm	Ω̈́Z	N.D.	N.D.	QZ	Ω̈́N	ΩΖ	N.D	Z
6 FE .	Tron	mg/l	Ω̈́Z	Q	N.D.	N.D.	Ö,	Z D	N.D.	N.D.
7 MN	'Manganese'	mgy	χ̈̈Ω	N.D.	Z. Q.	Ω̈́Z	Ν̈́Ω	Ω̈́Z	Ŋ.	Ż
& ⊗	'Calcium'	mg/l	7	6	∞	∞	11	9	\$	
9 MG	'Magnesium'	mg/l	ю		W	Ś	- 11	സ	9	
NA OI	'Sodium'	mg/l	8	7	~1	01	6	9	9	
11 TH	Total Hardness'	mg/l	Õ	N.D.	N.D.	ND	Ŋ.	N.D.	N.D.	ď
12 TA	Total Alkalinity	mg/l	O.X.	Ŋ.	N.D.	N.D.	N.D.	Ŋ,	N.O.	Q.N.
13 CL	'Chloride'	mg/l		C3	,1	7	9	91	20	4
14 F	'Fluoride'	mg/l	Ü	NO	N.D.	N	NO	N.D.	N.D.	N.D.
15 NO3	Nurse.	mg/l	Ŏ Ż	N.D.	NON	N.O.	Ö,	N.D.	N.D.	Z
16 504	Sulphate.	mg/l	in	7	S	73	F	7	7	
77 PO4	"Phosphate"	Mgm	S.S.	O'N	ND	ΩN	NO	N.D.	N.D.	ND
SCT 81	Total Dissolved Solid"	1∕Sm	8	8	8	88	8	115	140	
19 K	'Potassium'	₩S⁄W	2	2	p -4	7	-		64	
20 CO3	'Carbonate'	mg/l	0	0	0	0	12	0	0	
21 HCO3	Bicarbonate.	mg/l	51	51	፠	2	(61	41	51	**
22 STO2	'Silica'	mg/l	. 15	30	-10	20	35	30	30	

LUSUMU (1/2)

15501

No.										
Š				Sampling Date						
	No. Item		Unit	17/10/73	14/11/73	25/01/75	06/03/75	18/04/75	51/50/60	25/06/75
+	PH H	Potential of Hydrogen'		7.7	o	7.7	7.8	7.1	7	7.3
73	E.	Turbidity.		N.D.	N.D.	N.D.	N.D	N.D.	N.D.	Z.Ö.
က	CLR C	'Colour'		ďν	N.D.	Ω̈́	N.D.	N.D.	N	Z.Ö.
4	ONG	Permanganate No.	√8m	N.D.	Ŋ	QN	O.N.	N.D.	ND	N.O.
Ş	,	Electric Conductivity'	m.mbos/cm	N.D.	QN	NO	N.D.	Q'Z	N.D.	N.D.
9		Tron	mg/v	Ö,Z	Ω̈́N	QZ	N.Ö.	N.D.	Ä,	Ö.
7		'Manganese'	√Su.	Ö,	N.D.	NO	N.D.	N.D.	N.D.	Z.Z.
∞ _	ð	'Calcium'	mgA	7	ø	13	11	•	प	\$
φ.		Magnesium'	√8m	S	ત્ય	B	\$	4	(1)	m
01	NA	Sodium	l⁄8m	S	7	∞	6	ý	9	5
11		Total Hardness	mg/J	Ö.Z	Ŋ. Ŋ.	N.O.	N.D.	N.D.	N.D.	Ŋ.Ď.
12		Total Alkalinity'	√8m	N.D.	N.D.	Ŋ,	N,D,	Ω̈́N	Ŋ.	Ö.
13		'Chloride'	mg/l	4	4	7	ເຈ	7	. 2	4
14	L	Fluoride	ng⁄n	N.D.	N.D.	N.D.	N. U.	N,D,	N.D.	Z. Q.
15		'Niwite'	mg/l	Ω̈́Z	O.Z.	N.D.	ď. Ž	Ŋ.	N.D.	N.D.
16	SO4	'Sulphaic'	ng.		0	'n	0	0	4	0
17		Phosphate,	mg/l	Z.D.	Ö.Z	ÖZ	Ŋ	Ċ	N.D.	Ö.N
18	. SQL	Total Dissolved Solid'	l⁄gm	110	જ	Ω	135	100	N.D.	80
19	×	"Potassium"	mg∕l			7	ന	m	7	73
8		'Carbonate'	mg/l	0	ដ	0	0	0	0	0
12	HCO3	'Bicarbonate'	mg/l	61	22	82	%	ቴ	S	· 95 :
23	SIO2	Silica,	mg/l	15	10 .	20	45	25	.35	25

			Sampling Date						
No. Item		Unit	21/08/73	64/11/60	21/11/73	06/12/73	15/02/74	17/07/74	12/10/74
HA I	Potential of Hydrogen'		7.3	7.3	7.5	7.5	7.6	6	7.5
2 TB	Turbidity'		ΩN	N.O.	N.D.	Ö.Z	N.O.	O Z	ND
3 CLR	.Colon.		N.D.	N.O.	Ö,	N.D.	N.D.	Ŋ.	N.D.
4 PNO	Permanganate No.	V⊗m	ÜZ	ND	N.D.	Ŋ. Ŋ.	Ω̈́Z	Z.	Ω̈́N
S EC	Electric Conductivity'	m.mbos/cm	ΩZ	N	ND	N.D.	Ν̈́	Ω̈́N	O'N
5 3	Tron.	mg/l	Ω̈́Z	ND	N.D.	N.D.	Ν̈́	N.D.	N.O.
7 MS	'Manganese'	ngm M	ON	N.D.	N.O.	N.D.	OZ	Ŋ	N.D.
& CA	Calcium.	шSЛ	90	∞ ∞	6	6	01	7	ò
9 MG	'Magnesium'	√Sw	2	2	63	٠ ٠	4	2	4
NA OI	Sodium'	Жш	∞	9	7	∞ •	13	7	9
n TH	Total Hardness'	රින	N	N.D.	N.D.	N.D.	N.D.	Ŋ	ND
12 TA	Total Alkalinity	ng Ng n	Ö'N	N.D.	N.O.X.	Ν̈́	ÖZ	N.D.	ND
ដ	.Chloride.	ng/l	ൻ	61	63	_	∞	4	v
14 7	Fluoride.	√Sm	ND	N.D.	ND	Ω̈́	Ω̈́	ON	N.D.
15 NO3	Nimic.	l/gm	ND	ď,	N.D.	Ċ N	N.D.	N.D.	N.D.
16 504	Sulphate.	l∕gm	6	σ.	∞	4	بينة 193	0	27
17 88 484	Phosphaic.	ngu	ÖN	N.D.	ND.	Ö,	O.N.	Q	O'N
18 TDS	Total Dissolved Solid	₩S/I	88	8	8	&	100	120	115
19 K	Potassium.	mg/l	'n	7	61	7	7	2	
20 003	'Carbonate'	mg/l	0	0	0	0	0	12	0
21 HCO3	Bicarbonate	1/8m	***	49	67	61	2	33	8
C(1)			000		ć		\	<	•

	Sampling point	Soint :	1EE01	NZOIA (2	(2/2)					
	the second secon			Samphing Date				The second secon		; :
ž	No. Item		Unit	25/10/74	51/10/60	17/01/75	18/04/75	51/50/60	26/07/75	
-	Hd	'Potential of Hydrogen'		7.4	7.8	7.6	7.2	7	7.4	
7	E	Turbidity.		N.D.	NO	ND	N.D.	N.D.	N.D.	
m	ğ	'Colour'		GN.	N.D.	Ö Z	QN	N.O.	N.D.	•
4	PNO PNO	Permanganate No.'	V%w	ND	NON	N.O.	Ŋ	N.D.	N.D.	
S.	SH	Electric Conductivity'	m.mhos/cm	N.D.	NON	ND	N.D.	ND	O'N	
Ψ	出出	Tron	V8⁄ш	N.D.	N.D.	N	Ν̈́Ω	N.O.	N.O.	
-	X X	'Manganese'	mg/I	N.D.	N.D.	Z O	N.O.	N.D.	N.D.	-
	প্	'Calcium'	l⁄g⊓	10	13	11	9	6	4	•
S.	MG	'Magnesium'	mg/l	6	60	w	7	4	7	
Ħ	AZ O	.Sodium'	V8w	∞	∞	∞	9	∞	9	
	王王	Total Hardness	√Sw .	Q'Z	N.D.	N.D.	N.D.	N.O.	Ö,	
r-i	2 TA	Total Alkalinity	мgм	Ω̈́Z	N.D.	ĊZ	N.D.	Ω̈́Z	Ŋ.	
	3 G	'Chloride'	₩ Vâw	4	61	~	Þ	Ŋ	S	
<u>, ~,</u>	ተ	Fluoride	l∕gm	Ŋ.Ď.	N.D.	άŻ	Ν̈́	N.D.	N O	
فيتو	S NO3	'Nitrite'	√Sw.	N.D.	N.D.	ď Ž	N.D.	Ω.N.	Ŋ.	
Ã	804	'Sulphate'	√8m	0		0	'n	10	۲	

N.D. means "not detected. Phosphate'
Total Dissolved Solid'
Potassium'
'Carbonate'
'Bicarbonate' NOTE 16 SQ4 17 PQ4 18 TDS 20 CQ3 21 HCQ3 21Q2

No. Item 1 PH Po 2 TB Tu										
		Unit	21/08/74	21/09/74	06/02/75	20/02/75	05/03/75	14/03/75	11/04/75	24/06/75
	Potential of Hydrogen'		8.3	7.8	7.6	7.8	8.2	8	7.7	7.5
	Turbidity		N.O.	N.D.	N.D.	N.D.	N.D.	Q.N	O.N.	N.D.
GR.	'Colour'		Ω̈́Z	N.D.	N.D.	N.O.	Ŋ.Ď.	Ω Z	Ω̈́Z	Ω̈́Z
	Permanganate No.'	mg/l	N.D.	N.D.	N.D.	Ŋ, Ŏ	N.D.	ÖZ	N.D.	N.D.
質の	ئن	m.mhos/cm	N.Ö.	Ö,	N.O.	N.D.	N.D.	N.D.	N.D.	ON
	Tron,	mg/l	N.D.	N.O.	N.D.	N.D.	Q.Z	O Z	N.D.	Q Z
	'Manganese'	mg/l	N.D.	N	N.D.	N.D.	N.D.	N.O.	ND	Ŋ
	'Calcium'	mg/m	28	27	45	4	4	42	37	75
	Magnesium,	m _Z /l	13	6	Π	4	13	13	11	∞
9S. AN	.Sodium*	/Su	15	15	8	8	8	20	18	77
	Total Hardness'	w w	Ϋ́,	N.O.	N.D.	N.D.	ď Ž	N.D.	O.Z	N.D.
T. TA	Total Alkalinity	ng.	ÖZ	ď.	N.D.	Ö.D.	N.D.	Ŋ	N.D.	N.D.
	Chloride.	mg/	'n	en.	Ś	4	'n	Ø		v
	Fluoride	mg/	N.D.	QN	Ö,N	N.D.	Ö,	N.D.	N.D.	Ŋ.
	Nigrite'	mg/l	Ν̈́	N.D.	N.D.	Ω̈́N	Ω̈́	O'N	N O	N.D
: .	Sulphate.	√Sm	S	60	-		0	0	0	
	Phosphate.	m /sm	ND	N.O.	O.N.	QN	Z,	ND	N.D.	N.D.
T SQL :	Total Dissolved Solid'	mg/l	120	155	N.D.	Ω.N	O.N.	N.D.	N.D.	Ŋ
.7:	Potassium.	nge.	S	5	7	6	7	7	6	ν1
20 03 02	Carbonate.	/Su	•	0	0	0	0	0	0	•
onermendinament i v	Bicarbonate	mg/l	168	163	231	271	251	261	222	146
	Silica	mg/l	35	30	45	40	30	30	30	×

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			Sampling Date			Contract of the other properties			
No. Item		Unit	21/08/74	21/09/74	06/02/75	20/02/75	06/03/75	19/03/75	
1 PH	Potential of Hydrogen'		7.2	7.1	7.8	8.1	8.3	7.4	
2 記	Turbidity*		O'N	ND	ΩN	N.D.	ď.	Ω̈́N	
3 CLR	'Colour'		N.D.	NO	N.D.	ď	ŊŊ	Ŋ	
4 PNO	Permanganate No.	₩/Sm	ÖZ	ND	N.O.	N.O.	Z.	N.	
S EC	'Electric Conductivity'	m.mhos/cm	N.O.N	N.D.	N.D.	Ŋ	Ŋ. Ŋ	N.O.	
五 9	Tron.	Mg/m	N.D.	N.D.	N.O.	N.D.	ď.	Ŋ.	
7 MN	'Manganese'	₩ Vam	O.Z	N.O.	Z. Q.	N.D.	O'N	Ŋ	
₹ \$	'Calcium'	ngm Va	16	01	30	32	38	23	
9 MG	'Magnesium'	mg/I		12	9	7	œ	7	
NA OI	Sodium.	₩S⁄I	16	16	25	24	53	17	
11 TH	Total Hardness'	m Ngm	N.O.	NO	N.D.	ND	Q'N	Ŋ.	
12 TA	Total Alkalinity'	mgA	Ω̈́N	N.O.	N.O.	N.D.	ďχ	ÖZ	
13 15 15	'Chloride'	mg/J	m	4	.ধ	m	4	S.	
74 F	'Fluoride'	√Sw	ND	NO	N.D.	N.D.	Ö.	Ö.	
15 NO3	'Nitrite'	mg/l	Ω̈́	N.D.	NON	N.D.	N.D.	Ö,	
36 SQ4	'Sulphate'	ng√	Ŋ	σ,	. 0	Þ	m	55	
20 71	'Phosphate'	V3m	Ω̈́Z	N.D.	N.D.	N.D.	ά̈́χ	Ŋ, Ď	
SCT 81	Total Dissolved Solid	V8m	200	200	255	280	215	230	
19 K	'Potassium'	√8m	S	ά	~	~	6	7	
20 03	'Carbonate'	mg/l	0	0	0	0	91	0	
21 HCO3	'Bicarbonate'	mg/J	117	129	207	229	181	159	
22 \$102	'Silica'	l/αm	40	30	35	20	30	35	
	NOTE	••	N.D. means 'not detected.	or detected.					

				Sampling Date						
ġ	Item		Unit	11/04/75	24/06/75	20/08/75				
-	d. Hd	Potential of Hydrogen'		7.9	7.4	7.1				
4	TB T	Turbidity		Ŋ,	N.D.	N.D.				
<u>(1)</u>	CLR CO	'Colour'		ÖZ	N.D.	N.D.				
4	PNO PNO	Permanganate No.	mg/l	Q'Z	N.D.	Q.N	-			
٧٧	氏の一直	Electric Conductivity'	m.mhos/cm	N.D.	N.D.	N.D.				
V	FE T	Tron.	mg/l	N.D.	N.D.	N.D.				
~		'Manganesc'	Ngm	N	N.D.	N.D.				
60	<u>ئ</u>	'Culcium'	mg/l	30	16	11		•		
φ		'Magnesium'	mg/l	9	.vs	'n				
9	S. AN	'Sodium'	₩S/V	23	18	13			-	
H		Total Hardness'	mg/l	N.D.	N.O.	N.D.				
ŭ		Total Alkalinity'	l/S/m	Ω̈́Z	Ŋ	NO				
ង	g S	'Chloride'	mg/l		Ø	ć				
봈	Į.	Fluoride.	mg/l	N.D.	Ω̈́N	N.O.				
53		Nimite'	₩ W	N.O.	N D	N.D.				
92	SO4 S	Sulphate.	mg/v	m	. m				· * .	
17		Phosphate,	ng/l	N.D.	O'N	N.D.	:			
81		Toral Dissolved Solid'	ngu	225	140	210		÷		
23		Potassium.	ng∕l	∞	ς,	9		-	· · · · · · · · · · · · · · · · · · ·	
ន	ÇÖ	'Carbonate'	₩.	0	0	0				
ä	нсоз	Bicarbonate.	mg/l	217	112	9/				
٤	cros	"Collina"	/væ	Company of the same	- C	- 3C	11 to 12 to	\$ 1		

	the stage of the stage of	and the second s		Sampling Date		The first indicates and the first indicates			1.0	
Š	Item		Unit	21/08/74	21/09/74	06/02/75	20/02/75	06/03/75	15/03/75	
	Кď	Potential of Hydrogen'		8	7.7	8.1	7.8	8.6	7.9	
~	色	Turbidity.		Ö,Z	O'N	Ω̈́Z	ND	N.D.	QZ	٠
	GR	Colour		Ö.Z.	N.D.	ND	ND	N.D.	ND	
	ONA	Permanganate No.'	mg/I	N.O.	N.D.	Q'N	Ö	N.D.	N.D.	
	ည္က	Electric Conductivity'	m.mhos/cm	N.D.	Ö,Z	ND	N.D.	NO	N.D.	
	出	'Iron'	mg/l	N.D.	QN	Ö,	NO	N.D.	ND	
~	XX.	'Manganese'	₩\$⁄J	N.O.	Q Z	ď.	ÖZ	N.D.	N.O.	
áo.	ర	'Calcium'	√Su.	ឧ	20	ጸ	37	38	35	
Δ.	MG	'Magnesium'	ng.	v	7	σ	7	7	10	
0	Y Y	.Sodium,	mg/l	16	14	8	23	27	23	
. پستے	F	Total Hardness'	√Sw.	N.D.	O Z	O Z	N.O.	Ω̈́N	Ν̈́Ω	
61	¥	Total Alkalinity'	mg/l	N.D.	Q	N'D	Ŋ	O.N.	O'N	
'n	දි	Chloride	mg/J	, m	4	S	4	4	w	
4	ſu,	Fluoride.	mg/l	N.O.	Q'N	O'N	ΩZ	Ν̈́Ω.	Ŋ	
5	NO3	'Nitrite'	mg/l	Ŋ,	Ŋ. O.	N.D.	Q Z	O'N	N.D.	
9	Š	'Sulphate'	1√Sm	4	ന	ΑÙ	0 0	4	0	
5	Ş	Phosphate'	₩ Mg/u	N.D.	O Z	N.D.	ΩN	ON	Q'N	
82	SQL	Total Dissolved Solid	₩S⁄V	190	205	220	250	200	255	
39	.	"Potassium"	mg/J	m	S	7	7	7		
8	g	'Carbonate'	mg/l	7	0	0	0	16		
77	НСОЗ	. Bicarbonate	₩ VSm	146	129	727	220	178	227	
22	CLO	,6:1:00,	000	36	Š	,		•	ž	٠

		:		Sampling Date					
No. Item	tem		Unit	11/04/75	28/04/75	24/06/75	20/08/75		
şilq	T. Hd	Potential of Hydrogen'		8.1	7.9	1.7	7.4		
-	TB TB	Turbidity		N.D.	N.D.	N.D.	N.D.		
		'Colour'		N.D.	N.D.	N.D.	ŊŊ		
514	PNO PN	Permanganate No.	mg/l	N.D.	N.D.	N.O.	N.O.		
ш	EC H	Electric Conductivity'	m.mhos/cm	N.D.	N.D.	ND	ŊŊ		
ļ.	F	Tron	mg/v	N.O.N	N.D.	Ŋ.Ŋ.	Q'N		
~		'Manganese'	Ng e	N.O.	Z,	Z.	N.D.	·	
Ţ	S & S	'Calcium'	MgM	32	20	17	15		
-		'Magnesium'	mg/l	∞	7	· vo	ψ		
20	NA S	'Sodium'	VSw w	22	23	12	14		
~		Total Hardness'	mg/l	N.D.	N.D.	N.D.	ď,		
Α,		Total Alkalinity'	mg/l	N.D.	N.D.	Ν̈́Ω	Ö,Z		
~	1	'Chloride'	mg/l	7	\$	m	m		
1 14		Fluoride.	n Ng m	N.D.	N.D.	ďΧ	Ω̈́Z		
4	NO3	Nimite'	mg/l	O.N.	N.D.	N.O.	N.O.Z		
. S		'Sulphae'	mg/l	4	m			-	
Ω,		Phosphate'	V⊗m ∴	Ö,	N.D.	ND.	Ω̈́Z		
~	T SCT	Total Dissolved Solid"	l∕gm ∴	235	220	280	250		
₩ ×	**************************************	Potassium'	√8m	∞	7	9	ķ		
ි ස	0. 500	'Carbonate'	mg/l		٥	0	0		•
23 F	HCO3 B	Bicarbonate,	mg/A	212	149	127	95		
3	ران دران	*C31500*	T & A	0	~	2	4		

	*			Sampling Date						of the state of those and the state of	A
No.	No. Item		Unit	23/07/58	05/04/60	04/05/65	04/05/55	04/08/55	27/10/22	15/02/73	
-	PH	Potential of Hydrogen'		6.5	7.5	L.	7.3	7.5	6.6	7.6	
8	E E	Turbidity.		N.D.	ď.	N.O.	N.D.	N.D.	N.D.	QZ	*.
(r)	G.R.	'Colour'		ND	N.D.	N.O.	N.D.	N.D.	N.D.	Ω̈́Z	
4	ONA	Permanganate No.	V%m	Ω̈́N	N. O.	N. Ö	NO	N. D.	Ω̈́	Z,D	
8	EC	Electric Conductivity*	m.mhos/cm	N.D.	N.D.	N.D.	N.D.	Q'Z	N.D.	N O	
9	33	Tron.	ng/n	Ŋ	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	
۲- ا	MN	'Manganese'	₩ W	Ϋ́,	N.O.	N. O.	N.D.	N.D.	Ö.	Ċ.	
∞	გ	'Calcium'	mg/l	Ω̈́Z	00	60	N.D.	6	0	6	
6	MG	Magnesium	Mg m	Ö,Z	ND	7	N.D.	N.D.	7	ເຈ	
25	ĄZ	Sodium,	Мgш	QZ	N.D.	7	N.D.	N.D.	9	Φ	
:: ?-\$	TH	Total Hardness'	mg/l	N.D.	N.D.	N.O.	N.D.	O'N	N.D.	N.D.	
2 E	TA	Total Alkalinity	√8m	Ö,	NO	N.D.	N.D.	Z.O.	Ö.	N.D.	
13	占	'Chloride'	l/Sm	6 5	7	60	ល់	gu-d	Ś	23	
71	ţı.	Fluoride,	mg/l	OZ	N.D.	NO	N. D.	N.D.	N.D.	N.D.	
15	NOS	'Nimite'	mg/l	Ö.Z	N.O.	N,D	N.D.	N.D.	N.D.	N.D.	
16	808	'Sulphate'	mg/l	0	4	μ⊸4	0	9	က	S	
17	\$	Phosphate'	mg/l	O.Z.	N.O.	N.O.	N.D.	Ö.	N.D.	Ŋ	
18	SOT	Total Dissolved Solid'	mg/l	165	88	175	105	8	Z.D.	Ω̈́Z	
. 19	X	"Potassium"	₩.	ď.ď.	Ν. Ο	6	Ö.	N.D.	7	4	
8	£03	'Carbonate'	mg/l	N.D.	Ω̈́N	N.D.	N.D.	N.D.	Ŋ.Ŋ.	Ω̈́	
12	HC03	'Bicarbonate'	mg/l	N.D.	N.D.	N D	N.D.	Ϋ́D.	9	36	
2	SIO2	'Silica'	mg/l	8	25	25	18	25	QN	N.O.	
		NOTE	••	N.D. means "not detected.	or detected.		:				

2GB01 MELAWA

÷				Sampling Date							
No.	No. Item		Unit	27/05/75	04/07/75	31/07/75	02/09/75				
p=4	PH H4	Potential of Hydrogen'		6.9	7.1	6.7	8.2				
4		Turbidity'		N.O.	Ö,	N.D.	N.D.				
κņ	CLR C	'Colour'		ON	Q.N.	O'N	NON				
4	PNO PNO	Permanganate No.	mg/l	Ω̈́Z	N.D.	N.D.	ND				
'		Electric Conductivity	m.mhos/cm	N.D.	N.D.	N.O.	Z,			۳.	
\$	H. H	Iron'	mg/l	ND	N.D.	N O	Ν̈́		- S.		
4		'Manganesc'	mg/	N.D.	ND	ÖZ	N.D.			-	
φò	S S	'Calcium'	mg/l	27	ន	6	27				
Ó		'Magnesium'	mg/J	∞	∞	7	80				
ဂ္ဂ	S. AN	Sodium,	l∕gm	95	47	12	88	-		.â.,	
Ħ		Total Hardness'	mg/l	Ŋ	N.D.	N.D.	N.O.				
2	TAT	Total Alkalinity	mg/l	N.D.	N.D.	NO	Ω̈́Z				
었		Chloride.	mg/l	79	57	22	72				
1,7	F	Fluoride.	mg/l	N N D	N.D.	N.D.	Ŋ				
Ŋ	NO3	Nitrite.	mg/l	Ö,Z	O.N.	N.	N.D.				
92		Sulphate'	mg/l	61.	7	4	4			:	
Ξ	202	Phosphate.	l/gm	ND	Q'N	N.D.	Q				
81	T SCT	Total Dissolved Solid'	l/gm	320	560	140	355		٠.		
6	K.	Potassium,	mgA	9	Ø	Ġ,	7				
ន		.Carbonate	mg/l	0	0	0	9		1, ¹	- :	
ZZ	HCO3	Bicarbonate,	√8w	149	%	F	195				
8	300	,c:1; ~.	-	7	•		*		>		

Sampling point		3BA29	NAIROBI						
			Sampling Date						
No. Item		Unit	19/03/75	51/50/10	04/07/75	01/08/75	10/09/75		
1 PH	Potential of Hydrogen		7.5	8.4	7.1	7.5	7.6		
2 73	Turbidity.		N.D.	N.D.	N.D.	N.D.	N.D.	er.	
3 CLR	.Colon.		Ω̈́N	QN	Ω̈́N	N.D.	N.D.		
A PNO	Permanganate No.	V8₩	N.D.	N.D.	N.D.	N.D.	N.D.		
SEC	Electric Conductivity'	m.mhos/cm	ÖZ	N.	Ω̈́	Ω̈́N	N. O.		
出 9	Tron.	ng/	N.D.	O'N	Ŋ	OZ	Ŋ		
7 MN	'Manganese'	mg/l	Ω̈́Z	N.D.	N.D.	Ö.	N.O.	-	
& CA	'Calcium'	ng⁄.	24	21	8	20	12		
9 MG	Magnesium'	mg/n	4	9	~	φ ö	v		
N OI	.Sodium.	mg/l	47	8	43	43	43		
11 TH	Total Hardness'	mg/l	N.D.	ND	Ω	Q Z	N.O.		
12 TA	Total Alkalinity'	mg/l	Ŋ.	ND	ON	O Z	Ŋ		
ង	'Chloride'	mg/l	8	8	8	69	61		
7. IT	'Fluoride'	Mg/m	Ω̈́N	ND	N Q N	Ö,	Ϋ́Ω̈́		
15 NOS	'Nitrite'	mg/l	ON	Ŋ	Ŋ	N.D.	Ŋ		
16 504	'Sulphate'	mg/l	~	23		4	0		
25 25	Phosphate,	mgvI	ÖZ	N.D.	Ö,	O'N	N.D.		
SCT 81	Total Dissolved Solid'	128m	285	560	250	260	255		
19 K	"Potassium"	mg/l	11	17	σ	∞	10		
\$ CO3	'Carbonate'	mgA	0	12	0	0	0		
21 HCO3	'Bicarbonate'	mg/l	122	110	129	127	124		
4	***************************************	/v	9	30	36	Ş	Ψ.		