

*Water Quality at different locations of Lower Lake :January -2023 (Field Parameters) (Units in mg/liter)											
S. No.	St.Name & No.	Layer	Date	Time	Air Temp. °C	Water Temp. °C	pH	Free CO₂ (mg/l)	Dissolved Oxygen (mg/l)	Conductivity (mS/cm)	TDS (mg/l)
1	Banganga (L/1)	Surface	17.1.23	2.15 pm	24.1	22.4	7.4	12.0	6.4	0.393	252
2	Dhobighat (L/2)	Surface	17.1.23	12.10 am	23.5	21.6	8.2	Abs	7.2	0.348	223
		Bottom				20.4	7.4	8.0	3.2	0.376	241
3	Near Retgahat (L/3)	Surface	17.1.23	12.3. pm	23.6	21.7	8.1	Abs	7.6	0.356	228
		Bottom				20.5	7.5	6.0	2.8	0.388	248
4	MLB College (L/4)	Surface	17.1.23	12.50 pm	23.7	21.8	8.3	Abs	8.0	0.353	226
		Bottom				20.7	7.6	10.0	2.0	0.379	243
5	Bhoipura (L/5)	Surface	17.1.23	1.05 pm	23.8	21.7	8.2	Abs	7.6	0.354	227
		Bottom				20.8	7.4	6.0	2.4	0.382	244
6	Jehangirabad (L/6)	Surface	17.1.23	1.30 pm	23.1	21.9	8.1	Abs	7.2	0.356	228
		Bottom				20.7	7.4	8.0	1.6	0.389	249
7	Khatlapura (L/7)	Surface	18.1.23	1.10 pm	21.8	20.2	8.0	Abs	8.0	0.363	232
		Bottom				19.7	7.5	6.0	3.2	0.385	246
8	MVM College (L/8)	Surface	18.1.23	1.25 pm	22.0	20.4	8.1	Abs	7.6	0.365	234
		Bottom				19.8	7.4	8.0	2.8	0.391	250
9	Boat House (L/9)	Surface	18.1.23	1.45 m	22.2	20.6	8.0	Abs	7.2	0.368	236
		Bottom				20.0	7.6	10.0	2.4	0.386	247
10	A (Deeper Zones)	Surface	17.1.23	1.45 pm	24.0	22.0	8.3	Abs	8.0	0.354	227
		Middle				21.7	7.6	6.0	4.4	0.364	233
		Bottom				21.3	7.4	8.0	2.4	0.383	245
11	B (Deeper Zones)	Surface	17.1.23	2.00 pm	24.1	22.3	8.2	Abs	7.6	0.356	228
		Middle				21.8	7.5	8.0	4.0	0.371	237
		Bottom				21.3	7.4	10.0	2.8	0.387	248
12	C (Deeper Zones)	Surface	18.1.23	12.50 pm	21.6	19.8	8.1	Abs	7.6	0.361	231
		Middle				19.1	7.5	6.0	4.4	0.378	242
		Bottom				18.6	7.4	8.0	3.2	0.388	248
13	D (Deeper Zones)	Surface	18.1.23	12.15 pm	21.3	19.4	8.0	Abs	7.2	0.354	227
		Middle				18.6	7.6	6.0	4.8	0.373	239
		Bottom				17.9	7.4	10.0	2.8	0.385	246
14	E (Deeper Zones)	Surface	18.1.23	12.30 pm	21.5	19.6	8.1	Abs	7.6	0.358	229
		Middle				18.4	7.5	8.0	4.0	0.376	241
		Bottom				18.0	7.5	10.0	3.2	0.389	249
				Min	21.3	17.9	7.4	6.0	1.6	0.35	222.7
				Max	24.1	22.4	8.3	12.0	8.0	0.39	251.5
				Mean	22.9	20.4	7.7	8.2	5.0	0.37	238.1
Sample collected by					Sample analyzed by				Report prepared by		

Water quality at different locations of Lower Lake January - 2023 (Laboratory Analysis) (Units in mg/liter)													
S. No.	Sampling Stations & No.	Layer	Total Alkalinity (mg/l)	Carbonate Alkalinity (mg/l)	Bi-carbonate alkalinity (mg/l)	Total Hardness (mg/l)	Ca hardness (mg/l)	Mg hardness (mg/l)	Calcium content (mg/l)	Magnesium content (mg/l)	Chloride (mg/l)	BOD (mg/l)	COD (mg/l)
1	Banganga (L/1)	Surface	136	abs	136	130	113.4	16.6	47.6	4.0	33.97	12.0	32
2	Dhobighat (L/2)	Surface	114	4	110	104	79.8	24.2	33.5	5.9	25.97	5.2	32
		Bottom	116	abs	116	108	84	24.0	35.3	5.8	299.70	8.0	20
3	Near Retgahat (L/3)	Surface	112	4	108	106	86.1	19.9	36.2	4.8	27.97	5.6	32
		Bottom	118	abs	118	110	90.3	19.7	37.9	4.8	30.97	10.0	60
4	MLB College (L/4)	Surface	110	6	104	108	81.9	26.1	34.4	6.3	26.97	6.0	28
		Bottom	114	abs	114	112	88.2	23.8	37.0	5.8	28.97	12.0	16
5	Bhoipura (L/5)	Surface	112	4	108	106	86.1	19.9	36.2	4.8	25.97	5.2	28
		Bottom	122	abs	122	108	90.3	17.7	37.9	4.3	27.97	8.0	24
6	Jehangirabad (L/6)	Surface	118	4	114	108	88.2	19.8	37.0	4.8	26.97	6.0	32
		Bottom	126	abs	126	112	92.4	19.6	38.8	4.8	30.97	12.0	28
7	Khatlapura (L/7)	Surface	116	4	112	110	90.3	19.7	37.9	4.8	27.97	6.4	32
		Bottom	124	abs	124	114	94.5	19.5	39.7	4.7	31.97	12.0	20
8	MVM College (L/8)	Surface	118	6	112	108	86.1	21.9	36.2	5.3	26.97	5.6	28
		Bottom	122	abs	122	114	88.2	25.8	37.0	6.3	29.97	10.0	24
9	Boat House (L/9)	Surface	112	6	106	106	84	22.0	35.3	5.3	25.97	6.0	32
		Bottom	122	abs	122	112	90.3	21.7	37.9	5.3	28.97	12.0	28
10	A (Deeper Zones)	Surface	114	4	110	106	86.1	19.9	36.2	4.8	24.98	5.2	32
		Middle	118	abs	118	110	88.2	21.8	37.0	5.3	26.97	8.0	16
		Bottom	128	abs	128	114	92.4	21.6	38.8	5.2	29.97	10.0	24
11	B (Deeper Zones)	Surface	110	6	104	108	84	24.0	35.3	5.8	26.97	6.0	28
		Middle	116	abs	116	112	88.2	23.8	37.0	5.8	28.97	10.0	20
		Bottom	122	abs	122	114	90.3	23.7	37.9	5.8	31.97	12.0	28
12	C (Deeper Zones)	Surface	114	4	110	104	88.2	15.8	37.0	3.8	25.97	5.6	32
		Middle	118	abs	118	108	90.3	17.7	37.9	4.3	27.97	8.0	16
		Bottom	126	abs	126	110	92.4	17.6	38.8	4.3	30.97	10.0	24
13	D (Deeper Zones)	Surface	106	4	102	112	81.9	30.1	34.4	7.3	26.97	5.2	28
		Middle	108	abs	108	116	86.1	29.9	36.2	7.3	28.97	8.0	20
		Bottom	112	abs	112	124	90.3	33.7	37.9	8.2	32.97	10.0	28
14	E (Deeper Zones)	Surface	110	6	104	118	88.2	29.8	37.0	7.2	25.97	5.6	32
		Middle	114	abs	114	124	92.4	31.6	38.8	7.7	27.97	6.0	16
		Bottom	116	abs	116	128	94.5	33.5	39.7	8.1	33.97	8.0	24
	Min		106	4	102	104	79.8	15.8	33.52	3.84	41.96	5.2	16
	Max		136	6	136	130	113.4	33.7	47.63	8.19	44.96	12	60
	Mean		117.24	4.80	115.29	112.29	89.44	23.11	37.56	5.62	37.55	8.14	27.65
Sample collected by			Sample analyzed by						Report prepared by				

*Water Quality at different locations of Lower Lake :February -2023 (Field Parameters) (Units in mg/liter)																		
S. No.	St.Name & No.	Layer	Date	Time	Air Temp. °C	Water Temp. °C	pH	Free CO₂ (mg/l)	Dissolved Oxygen (mg/l)	Conductivity (mS/cm)	TDS (mg/l)							
1	Banganga (L/1)	Surface	21.2.23	2.3. pm	26.6	24.6	7.5	10.0	2	0.389	249							
2	Dhobighat (L/2)	Surface	20.2.23	12.30 pm	25.3	23.6	8.3	Abs	8.8	0.382	244							
		Bottom											22.4	7.5	6.0	4.4	0.395	253
3	Near Retgahat (L/3)	Surface	20.2.23	12.45 pm	25.5	23.7	8.2	Abs	8	0.375	240							
		Bottom											22.5	7.4	8.0	4	0.403	258
4	MLB College (L/4)	Surface	20.2.23	1.10 pm	25.7	23.8	8.1	Abs	7.6	0.362	232							
		Bottom											22.7	7.4	6.0	3.2	0.389	249
5	Bhoipura (L/5)	Surface	20.2.23	1.40 pm	26.0	24.1	8.2	Abs	8.4	0.358	229							
		Bottom											22.9	7.5	8.0	4.8	0.383	245
6	Jehangirabad (L/6)	Surface	20.2.23	2.0 pm	26.2	24.3	8.3	Abs	8	0.361	231							
		Bottom											23.1	7.4	6.0	4.4	0.395	253
7	Khatlapura (L/7)	Surface	21.2.23	1.05 pm	25.9	24.2	8.4	Abs	10	0.369	236							
		Bottom											23.1	7.6	4.0	5.2	0.405	259
8	MVM College (L/8)	Surface	21.2.23	12.45 pm	25.7	23.9	8.2	Abs	8.8	0.364	233							
		Bottom											22.7	7.5	4.0	4.8	0.398	255
9	Boat House (L/9)	Surface	21.2.23	12.30 pm	25.5	23.7	8.3	Abs	9.6	0.345	221							
		Bottom											22.4	7.5	6.0	4.4	0.387	248
10	A (Deeper Zones)	Surface	20.2.23	1.25 pm	25.8	23.9	8.2	Abs	8.8	0.369	236							
		Middle											22.8	7.8	Abs	7.6	0.389	249
		Bottom											21.4	7.5	8.0	4.4	0.410	262
11	B (Deeper Zones)	Surface	20.2.23	2.25 pm	26.4	24.5	8.3	Abs	8.4	0.376	241							
		Middle											23.8	7.9	Abs	7.2	0.394	252
		Bottom											23.1	7.4	6.0	4	0.408	261
12	C (Deeper Zones)	Surface	21.2.23	1.30 pm	26.1	24.3	8.2	Abs	9.6	0.354	227							
		Middle											23.5	7.9	Abs	8	0.373	239
		Bottom											22.8	7.5	8.0	4.8	0.398	255
13	D (Deeper Zones)	Surface	21.2.23	1.45 pm	26.3	24.4	8.3	Abs	9.2	0.364	233							
		Middle											23.6	8.1	Abs	7.6	0.388	248
		Bottom											23.0	7.4	6.0	4.4	0.407	260
14	E (Deeper Zones)	Surface	21.2.23	2.15 pm	26.5	24.5	8.2	Abs	8.4	0.358	229							
		Middle											23.7	7.9	Abs	7.2	0.376	241
		Bottom											23.1	7.5	4.0	4	0.394	252
				Min	25.3	21.4	7.4	4.0	2.0	0.35	220.8							
				Max	26.6	24.6	8.4	10.0	10.0	0.41	262.4							
				Mean	26.0	23.4	7.9	6.5	6.5	0.38	244.2							
Sample collected by					Sample analyzed by				Report prepared by									

Water quality at different locations of Lower Lake February - 2023 (Laboratory Analysis) (Units in mg/liter)													
S. No.	Sampling Stations & No.	Layer	Total Alkalinity (mg/l)	Carbonate Alkalinity (mg/l)	Bi-carbonate alkalinity (mg/l)	Total Hardness (mg/l)	Ca hardness (mg/l)	Mg hardness (mg/l)	Calcium content (mg/l)	Magnesium content (mg/l)	Chloride (mg/l)	BOD (mg/l)	COD (mg/l)
1	Banganga (L/1)	Surface	128	abs	128	132	126.7	126.7	53.2	30.8	35.96	14.0	28
2	Dhobighat (L/2)	Surface	106	4	106	112	108.4	108.4	45.5	26.3	27.97	5.6	16
		Bottom	110	abs	110	116	112.1	112.1	47.1	27.2	29.97	10.0	20
3	Near Retgahat (L/3)	Surface	104	6	104	114	110.0	110.0	46.2	26.7	25.97	5.2	12
		Bottom	108	abs	108	122	117.7	117.7	49.4	28.6	27.97	8.0	16
4	MLB College (L/4)	Surface	106	8	106	116	112.2	112.2	47.1	27.3	29.97	6.0	8
		Bottom	108	abs	108	120	116.0	116.0	48.7	28.2	30.97	12.0	12
5	Bhoipura (L/5)	Surface	104	6	104	122	117.9	117.9	49.5	28.6	26.97	5.2	16
		Bottom	106	abs	106	126	121.7	121.7	51.1	29.6	28.97	10.0	20
6	Jehangirabad (L/6)	Surface	102	8	102	118	114.1	114.1	47.9	27.7	27.97	5.6	12
		Bottom	106	abs	106	128	123.8	123.8	52.0	30.1	30.97	8.0	24
7	Khatlapura (L/7)	Surface	100	10	100	120	116.0	116.0	48.7	28.2	28.97	6.4	8
		Bottom	104	abs	104	130	125.8	125.8	52.8	30.6	31.97	12.0	16
8	MVM College (L/8)	Surface	102	6	102	114	110.2	110.2	46.3	26.8	30.97	5.6	12
		Bottom	108	abs	108	124	119.9	119.9	50.4	29.1	32.97	8.0	20
9	Boat House (L/9)	Surface	110	8	110	118	114.1	114.1	47.9	27.7	27.97	6.0	16
		Bottom	114	abs	114	126	121.8	121.8	51.2	29.6	31.97	10.0	24
10	A (Deeper Zones)	Surface	110	8	110	116	112.3	112.3	47.2	27.3	25.97	5.2	8
		Middle	114	abs	114	120	116.1	116.1	48.8	28.2	28.97	5.6	16
		Bottom	116	abs	116	124	119.9	119.9	50.4	29.1	30.97	8.0	24
11	B (Deeper Zones)	Surface	108	6	108	118	114.2	114.2	48.0	27.8	27.97	5.6	12
		Middle	112	abs	112	122	118.0	118.0	49.6	28.7	29.97	6.0	20
		Bottom	114	abs	114	126	121.8	121.8	51.2	29.6	31.97	12.0	28
12	C (Deeper Zones)	Surface	106	6	106	120	116.1	116.1	48.8	28.2	26.97	5.2	16
		Middle	108	abs	108	126	121.9	121.9	51.2	29.6	28.97	6.0	20
		Bottom	112	abs	112	130	125.6	125.6	52.8	30.5	29.97	10.0	24
13	D (Deeper Zones)	Surface	106	8	106	122	117.9	117.9	49.5	28.6	28.97	6.0	12
		Middle	110	abs	110	126	121.7	121.7	51.1	29.6	30.97	6.8	16
		Bottom	114	abs	114	132	127.5	127.5	53.6	31.0	31.97	12.0	20
14	E (Deeper Zones)	Surface	104	2	104	122	118.0	118.0	49.6	28.7	27.97	5.6	12
		Middle	108	abs	108	128	123.8	123.8	52.0	30.1	29.97	6.8	20
		Bottom	110	abs	110	130	125.7	125.7	52.8	30.5	30.97	14.0	24
	Min		100	2	100	112	108.4	108.4	45.53	26.34	41.96	5.2	8
	Max		128	10	128	132	127.5	127.5	53.55	30.98	44.96	14	28
	Mean		109.00	6.53	109.00	122.47	118.38	118.38	49.72	28.77	30.53	7.99	17.29
Sample collected by				Sample analyzed by						Report prepared by			

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S. No.	St.Name & No.	Layer	Date	Time	Air Temp. °C	Water Temp. °C	pH	Free CO₂ (mg/l)	Dissolved Oxygen (mg/l)	Conductivity (mS/cm)	TDS (mg/l)						
1	Banganga (L/1)	Surface	21.4.23	2.25 pm	38.4	33.4	7.6	14.0	3.6	0.342	219						
2	Dhobighat (L/2)	Surface	19.4.23	12.30 pm	37.3	32.1	8.5	Abs	9.6	0.318	204						
		Bottom										28.4	8.2	Abs	8	0.352	225
3	Near Retgahat (L/3)	Surface	19.4.23	12.50 pm	37.5	32.3	8.3	Abs	9.2	0.315	202						
		Bottom										28.5	8.0	Abs	7.6	0.348	223
4	MLB College (L/4)	Surface	19.4.23	1.10 pm	37.6	32.5	8.2	Abs	8.8	0.317	203						
		Bottom										28.6	7.9	Abs	7.6	0.356	228
5	Bhoipura (L/5)	Surface	19.4.23	1.25 pm	37.8	32.7	8.4	Abs	9.2	0.391	250						
		Bottom										28.8	8.1	Abs	8.4	0.362	232
6	Jehangirabad (L/6)	Surface	19.4.23	1.45 pm	37.9	32.8	8.3	Abs	8.8	0.316	202						
		Bottom										28.9	8.0	Abs	7.2	0.368	236
7	Khatlapura (L/7)	Surface	21.4.23	1.0 pm	37.8	32.8	8.5	Abs	9.6	0.341	218						
		Bottom										28.8	8.2	Abs	8.4	0.383	245
8	MVM College (L/8)	Surface	21.4.23	12.45 pm	37.7	32.6	8.4	Abs	9.2	0.336	215						
		Bottom										28.6	8.0	Abs	8	0.371	237
9	Boat House (L/9)	Surface	21.4.23	12.30 pm	37.6	32.5	8.5	Abs	8.8	0.332	212						
		Bottom										28.4	8.1	Abs	7.6	0.364	233
10	A (Deeper Zones)	Surface	19.4.23	2.0 pm	38.0	33.0	8.4	Abs	9.2	0.321	205						
		Middle										31.3	8.2	Abs	8	0.348	223
		Bottom										28.7	7.6	8.0	5.2	0.372	238
11	B (Deeper Zones)	Surface	19.4.23	2.15 pm	38.1	33.2	8.3	Abs	8.8	0.318	204						
		Middle										31.4	8.1	Abs	7.6	0.339	217
		Bottom										28.9	7.5	10.0	4.8	0.367	235
12	C (Deeper Zones)	Surface	21.4.23	1.25 pm	38.0	32.9	8.4	Abs	9.2	0.339	217						
		Middle										30.6	8.2	Abs	8.4	0.343	220
		Bottom										28.7	7.6	8.0	5.2	0.372	238
13	D (Deeper Zones)	Surface	21.4.23	1.45 pm	38.0	33.1	8.3	Abs	8.8	0.336	215						
		Middle										30.8	8.1	Abs	8	0.351	225
		Bottom										28.9	7.5	6.0	4.8	0.375	240
14	E (Deeper Zones)	Surface	21.4.23	2.15 pm	38.3	33.2	8.5	Abs	8.8	0.338	216						
		Middle										31.0	8.2	Abs	8	0.342	219
		Bottom										29.3	7.6	6.0	4.8	0.369	236
				Min	37.3	28.4	7.5	6.0	3.6	0.32	201.6						
				Max	38.4	33.4	8.5	14.0	9.6	0.39	250.2						
				Mean	37.9	30.9	8.1	9.0	7.7	0.35	223.0						
Sample collected by			Sample analyzed by				Report prepared by										

Water quality at different locations of Lower Lake April - 2023 (Laboratory Analysis) (Units in mg/liter)													
S. No.	Sampling Stations & No.	Layer	Total Alkalinity (mg/l)	Carbonate Alkalinity (mg/l)	Bi-carbonate alkalinity (mg/l)	Total Hardness (mg/l)	Ca hardness (mg/l)	Mg hardness (mg/l)	Calcium content (mg/l)	Magnesium content (mg/l)	Chloride (mg/l)	BOD (mg/l)	COD (mg/l)
1	Banganga (L/1)	Surface	134	abs	134	150	109.2	40.8	45.9	9.9	39.96	16.0	36.0
2	Dhobighat (L/2)	Surface	106	10	96	120	79.8	40.2	33.5	9.8	30.97	5.6	20.0
		Bottom	110	6	104	128	88.2	39.8	37.0	9.7	32.97	6.4	28.0
3	Near Retgahat (L/3)	Surface	104	8	96	124	84.0	40.0	35.3	9.7	29.97	5.2	24.0
		Bottom	108	4	104	132	90.3	41.7	37.9	10.1	31.97	6.0	32.0
4	MLB College (L/4)	Surface	106	10	96	118	81.9	36.1	34.4	8.8	29.77	6.0	16.0
		Bottom	112	6	106	128	86.1	41.9	36.2	10.2	32.97	6.8	24.0
5	Bhoipura (L/5)	Surface	102	8	94	126	88.2	37.8	37.0	9.2	31.97	5.6	20.0
		Bottom	110	6	104	134	92.4	41.6	38.8	10.1	34.97	6.4	32.0
6	Jehangirabad (L/6)	Surface	112	6	106	122	84.0	38.0	35.3	9.2	30.97	5.2	16.0
		Bottom	116	4	112	130	90.3	39.7	37.9	9.6	32.97	6.4	28.0
7	Khatlapura (L/7)	Surface	104	8	96	128	90.3	37.7	37.9	9.2	29.97	5.6	24.0
		Bottom	110	4	106	134	94.5	39.5	39.7	9.6	33.97	6.4	36.0
8	MVM College (L/8)	Surface	106	10	96	122	81.9	40.1	34.4	9.7	27.97	6.0	28.0
		Bottom	114	6	108	128	88.2	39.8	37.0	9.7	31.97	6.8	32.0
9	Boat House (L/9)	Surface	104	8	96	126	86.1	39.9	36.2	9.7	31.97	5.2	20.0
		Bottom	110	6	104	130	92.4	37.6	38.8	9.1	33.97	6.4	24.0
10	A (Deeper Zones)	Surface	102	10	92	122	81.9	40.1	34.4	9.7	29.97	5.6	16.0
		Middle	106	6	100	128	86.1	41.9	36.2	10.2	31.97	6.4	24.0
		Bottom	112	abs	112	136	90.3	45.7	37.9	11.1	34.97	10.0	32.0
11	B (Deeper Zones)	Surface	104	8	96	120	79.8	40.2	33.5	9.8	30.97	5.2	24.0
		Middle	110	6	104	126	84.0	42.0	35.3	10.2	32.97	6.0	28.0
		Bottom	114	abs	114	130	88.2	41.8	37.0	10.2	33.97	10.0	36.0
12	C (Deeper Zones)	Surface	102	8	94	126	86.1	39.9	36.2	9.7	31.97	6.0	20.0
		Middle	106	4	102	132	90.3	41.7	37.9	10.1	33.97	6.8	28.0
		Bottom	110	abs	110	136	94.5	41.5	39.7	10.1	35.96	12.0	36.0
13	D (Deeper Zones)	Surface	106	10	96	122	84.0	38.0	35.3	9.2	30.97	5.2	20.0
		Middle	110	6	104	126	86.1	39.9	36.2	9.7	32.97	6.0	28.0
		Bottom	112	abs	112	130	88.2	41.8	37.0	10.2	34.97	8.0	32.0
14	E (Deeper Zones)	Surface	104	10	94	124	86.1	37.9	36.2	9.2	31.97	5.6	20.0
		Middle	108	6	102	128	90.3	37.7	37.9	9.2	33.97	6.4	24.0
		Bottom	112	abs	112	132	92.4	39.6	38.8	9.6	34.97	10.0	28.0
	Min		102	4	92	118	79.8	36.1	33.52	8.77	27.972	5.2	16
	Max		134	10	134	150	109.2	45.7	45.86	11.11	44.96	16	36
	Mean		109.47	7.07	103.76	128.41	88.39	40.11	37.12	9.75	32.90	7.13	26.12

Sample collected by

Sample analyzed by

Report prepared by

*Water Quality at different locations of Lower Lake May -2023 (Field Parameters) (Units in mg/liter)											
S. No.	St.Name & No.	Layer	Date	Time	Air Temp. °C	Water Temp. °C	pH	Free CO ₂ (mg/l)	Dissolved Oxygen (mg/l)	Conductivity (mS/cm)	TDS (mg/l)
1	Banganga (L/1)	Surface	18.5.23	2.10 pm	39.8	35.3	7.5	12.0	3.6	0.373	239
2	Dhobighat (L/2)	Surface	17.5.23	12.10 pm	38.2	34.2	8.4	Abs	9.6	0.362	232
		Bottom				31.5	7.6	8.0	3.6	0.385	246
3	Near Retgahat (L/3)	Surface	17.5.23	12.30 pm	38.3	34.3	8.5	Abs	8.8	0.345	221
		Bottom				31.6	7.4	6.0	4.0	0.378	242
4	MLB College (L/4)	Surface	17.5.23	12.50 pm	38.5	34.5	8.3	Abs	10	0.368	236
		Bottom				31.7	7.5	8.0	4.8	0.388	248
5	Bhoipura (L/5)	Surface	17.5.23	1.15 pm	38.7	34.7	8.4	Abs	9.2	0.363	232
		Bottom				31.8	7.4	4.0	4.0	0.389	249
6	Jehangirabad (L/6)	Surface	17.5.23	1.30 pm	38.9	34.8	8.3	Abs	8.8	0.366	234
		Bottom				32.0	7.5	10.0	3.6	0.385	246
7	Khatlapura (L/7)	Surface	18.5.23	12.45 pm	38.8	33.0	8.2	Abs	9.2	0.358	229
		Bottom				30.8	7.5	8.0	5.2	0.376	241
8	MVM College (L/8)	Surface	18.5.23	12.25 pm	38.6	25.1	8.3	Abs	8.4	0.354	227
		Bottom				24.3	7.4	6.0	3.6	0.372	238
9	Boat House (L/9)	Surface	18.5.23	12.05 pm	38.4	24.8	8.4	Abs	1.2	0.348	223
		Bottom				23.5	7.5	8.0	4.0	0.369	236
10	A (Deeper Zones)	Surface	17.5.23	12.05 pm	39.2	25.5	8.5	Abs	9.6	0.580	371
		Middle				24.4	7.9	Abs	8.0	0.374	239
		Bottom				24.0	7.5	6.0	4.4	0.386	247
11	B (Deeper Zones)	Surface	17.5.23	2.15 pm	39.4	25.5	8.3	Abs	9.2	0.361	231
		Middle				24.6	8.0	Abs	8.0	0.368	236
		Bottom				23.8	7.4	8.0	5.2	0.373	239
12	C (Deeper Zones)	Surface	18.5.23	1.0 pm	39.2	25.6	8.4	Abs	8.8	0.364	233
		Middle				24.7	7.9	Abs	7.6	0.371	237
		Bottom				24.0	7.5	6.0	4.0	0.384	246
13	D (Deeper Zones)	Surface	18.5.23	1.30 pm	39.4	25.7	8.5	Abs	10	0.366	234
		Middle				24.8	8.1	Abs	8.4	0.382	244
		Bottom				24.3	7.4	8.0	4.8	0.391	250
14	E (Deeper Zones)	Surface	18.5.23	1.45 pm	39.6	25.7	8.5	Abs	10.4	0.367	235
		Middle				24.8	8.2	Abs	8.4		
		Bottom				24.6	7.6	6.0	4.8		
				Min	38.2	23.5	7.4	4.0	1.2	0.35	220.8
				Max	39.8	35.3	8.5	12.0	10.4	0.58	371.2
				Mean	38.9	28.2	7.9	7.5	6.6	0.38	245.4
Sample collected by			Sample analyzed by				Report prepared by				

Water quality at different locations of Lower Lake March - 2023 (Laboratory Analysis) (Units in mg/liter)													
S. No.	Sampling Stations & No.	Layer	Total Alkalinity (mg/l)	Carbonate Alkalinity (mg/l)	Bi-carbonate alkalinity (mg/l)	Total Hardness (mg/l)	Ca hardness (mg/l)	Mg hardness (mg/l)	Calcium content (mg/l)	Magnesium content (mg/l)	Chloride (mg/l)	BOD (mg/l)	COD (mg/l)
1	Banganga (L/1)	Surface	130	abs	130	144	115.5	28.5	48.5	6.9	37.96	12	28
2	Dhobighat (L/2)	Surface	104	8	96	116	77.7	38.3	32.6	9.3	29.97	5.6	12
		Bottom	108	abs	108	126	84.0	28.5	35.3	6.9	31.97	8	20
3	Near Retgahat (L/3)	Surface	102	6	96	122	81.9	38.3	34.4	9.3	28.97	6	20
		Bottom	106	abs	106	128	88.2	42.0	37.0	10.2	30.97	10	24
4	MLB College (L/4)	Surface	106	10	96	118	77.7	40.1	32.6	9.7	27.97	5.6	16
		Bottom	110	abs	110	124	81.9	39.8	34.4	9.7	31.97	10	24
5	Bhoipura (L/5)	Surface	104	8	96	124	84.0	40.3	35.3	9.8	30.97	5.2	20
		Bottom	112	abs	112	130	90.3	42.1	37.9	10.2	32.97	8	28
6	Jehangirabad (L/6)	Surface	108	6	102	118	79.8	40.0	33.5	9.7	29.97	5.6	24
		Bottom	114	abs	114	126	86.1	39.7	36.2	9.6	33.97	10	32
7	Khatlapura (L/7)	Surface	106	8	98	126	86.1	38.2	36.2	9.3	28.97	5.2	12
		Bottom	108	abs	108	132	90.3	39.9	37.9	9.7	31.97	8	24
8	MVM College (L/8)	Surface	104	8	96	118	77.7	39.9	32.6	9.7	26.97	5.6	16
		Bottom	110	abs	110	122	84.0	41.7	35.3	10.1	30.97	8	20
9	Boat House (L/9)	Surface	102	10	92	124	84.0	40.3	35.3	9.8	30.97	6	20
		Bottom	106	abs	106	128	88.2	38.0	37.0	9.2	32.97	10	24
10	A (Deeper Zones)	Surface	100	8	92	118	79.8	40.0	33.5	9.7	27.97	5.6	8
		Middle	104	abs	104	126	86.1	39.8	36.2	9.7	31.97	6.4	16
		Bottom	108	4	104	132	90.3	38.2	37.9	9.3	33.97	10	24
11	B (Deeper Zones)	Surface	106	8	98	116	77.7	39.9	32.6	9.7	28.97	5.2	12
		Middle	110	6	104	124	84.0	41.7	35.3	10.1	30.97	6	20
		Bottom	114	abs	114	130	88.2	38.3	37.0	9.3	32.97	12	28
12	C (Deeper Zones)	Surface	104	6	98	122	84.0	40.0	35.3	9.7	30.97	5.6	16
		Middle	108	4	104	126	88.2	41.8	37.0	10.2	32.97	6	24
		Bottom	112	abs	112	128	90.3	38.0	37.9	9.2	33.97	8	28
13	D (Deeper Zones)	Surface	102	10	92	122	79.8	37.8	33.5	9.2	29.97	6	20
		Middle	106	8	98	128	86.1	37.7	36.2	9.2	31.97	6.8	24
		Bottom	110	abs	110	134	92.4	42.2	38.8	10.3	32.97	12	32
14	E (Deeper Zones)	Surface	106	10	96	124	84.0	41.9	35.3	10.2	28.97	5.6	12
		Middle	110	6	104	130	88.2	41.6	37.0	10.1	31.97	6.4	20
		Bottom	114	abs	114	136	90.3	40.0	37.9	9.7	33.97	10	32
			100	4	92	116	77.7	28.5	32.63	6.93	26.97	5.2	8
			130	10	130	144	115.5	42.2	48.51	10.25	37.96	12	32
			108.35	7.40	104.18	125.94	86.47	38.98	36.32	9.47	31.47	7.58	21.18
Sample collected by					Sample analyzed by					Report prepared by			

Water Quality at different locations of Lower Lake June-2023 (Field Parameters) (Units in mg/liter)																		
S. No.	St.Name & No.	Layer	Date	Time	Air Temp. °C	Water Temp. °C	pH	Free CO ₂ (mg/l)	Dissolved Oxygen (mg/l)	Conductivity (mS/cm)	TDS (mg/l)							
1	Banganga (L/1)	Surface	23.6.23	2.25 pm	33.5	31.4	7.6	12.0	3.6	0.375	240							
2	Dhobighat (L/2)	Surface	22.6.23	12.35 pm	32.5	30.6	8.4	Abs	8.8	0.312	200							
		Bottom											28.7	7.6	8.0	4.8	0.346	221
3	Near Retgahat (L/3)	Surface	22.6.23	12.55 pm	32.7	30.7	8.3	Abs	8	0.316	202							
		Bottom											28.9	7.5	6.0	5.2	0.352	225
4	MLB College (L/4)	Surface	22.6.23	1.20 pm	32.8	30.8	8.5	Abs	9.2	0.310	198							
		Bottom											29.1	8.2	Abs	8	0.361	231
5	Bhoipura (L/5)	Surface	22.6.23	1.45 pm	33.1	31.0	8.3	Abs	8.8	0.315	202							
		Bottom											29.3	8.0	Abs	7.6	0.372	238
6	Jehangirabad (L/6)	Surface	22.6.23	2.10 pm	33.3	31.3	8.2	Abs	8.4	0.313	200							
		Bottom											29.5	7.6	6.0	4	0.365	234
7	Khatlapura (L/7)	Surface	23.6.23	12.20 pm	32.3	30.5	8.2	Abs	8	0.314	201							
		Bottom											29.6	7.5	8.0	4.8	0.370	237
8	MVM College (L/8)	Surface	23.6.23	12.45 pm	32.5	30.7	8.1	Abs	7.6	0.317	203							
		Bottom											29.7	7.6	6.0	4.4	0.368	236
9	Boat House (L/9)	Surface	23.6.23	1.0 pm	32.6	30.8	8.2	Abs	8.4	0.315	202							
		Bottom											29.9	7.5	4.0	4	0.371	237
10	A (Deeper Zones)	Surface	22.6.23	2.30 pm	33.4	31.5	8.5	Abs	9.2	0.317	203							
		Middle											30.4	8.2	Abs	8.4	0.349	223
		Bottom											29.6	7.5	8.0	4.8	0.364	233
11	B (Deeper Zones)	Surface	22.6.23	2.45 pm	33.5	31.7	8.3	Abs	9.6	0.319	204							
		Middle											30.6	8.1	Abs	8.8	0.353	226
		Bottom											29.7	7.6	6.0	5.2	0.375	240
12	C (Deeper Zones)	Surface	23.6.23	1.15 pm	32.8	31.0	8.3	Abs	8.4	0.318	204							
		Middle											30.4	8.1	Abs	7.6	0.358	229
		Bottom											29.5	7.5	4.0	4.8	0.372	238
13	D (Deeper Zones)	Surface	23.6.23	1.40 pm	33.1	31.1	8.2	Abs	8.8	0.319	204							
		Middle											30.7	8.0	Abs	8	0.368	236
		Bottom											29.7	7.6	6.0	5.2	0.379	243
14	E (Deeper Zones)	Surface	23.6.23	1.55 pm	33.3	31.2	8.3	Abs	8.4	0.317	203							
		Middle											30.8	7.9	Abs	7.6	0.365	234
		Bottom											29.8	7.5	8.0	4	0.377	241
				Min	32.3	28.7	7.5	4.0	3.6	0.31	198.4							
				Max	33.5	31.7	8.5	12.0	9.6	0.38	242.6							
				Mean	33.0	30.3	8.0	7.0	6.9	0.35	220.8							
Sample collected by			Sample analyzed by				Report prepared by											

Water Quality at different locations of Lower Lake July-2023 (Field Parameters) (Units in mg/liter)																	
S. No.	St.Name & No.	Layer	Date	Time	Air Temp. °C	Water Temp. °C	pH	Free CO ₂ (mg/l)	Dissolved Oxygen (mg/l)	Conductivity (mS/cm)	TDS (mg/l)						
1	Banganga (L/1)	Surface	18.7.23	3.00 pm	33.5	30.9	7.4	10.0	2.8	0.348	223						
2	Dhobighat (L/2)	Surface	17.7.23	12.15 pm	33.4	31.3	8.2	Abs	8	0.321	205						
		Bottom										29.4	7.5	8.0	4.4	0.357	228
3	Near Retgahat (L/3)	Surface	17.7.23	12.30 pm	33.5	31.4	8.1	Abs	7.6	0.328	210						
		Bottom										29.3	7.6	6.0	3.2	0.362	232
4	MLB College (L/4)	Surface	17.7.23	12.50 pm	33.6	31.5	8.3	Abs	8.4	0.325	208						
		Bottom										29.5	7.4	8.0	4.4	0.363	232
5	Bhoipura (L/5)	Surface	17.7.23	1.15 pm	33.7	31.6	8.2	Abs	8	0.327	209						
		Bottom										29.7	7.6	4.0	3.6	0.368	236
6	Jehangirabad (L/6)	Surface	18.7.23	2.05 pm	33.1	30.8	8.0	Abs	7.2	0.324	207						
		Bottom										29.2	7.4	10.0	2.8	0.367	235
7	Khatlapura (L/7)	Surface	18.7.23	1.15 pm	32.9	30.6	8.1	Abs	7.6	0.325	208						
		Bottom										29.0	7.5	4.0	4	0.369	236
8	MVM College (L/8)	Surface	18.7.23	12.55 pm	32.8	30.5	8.2	Abs	7.2	0.328	210						
		Bottom										28.9	7.6	6.0	2.8	0.372	238
9	Boat House (L/9)	Surface	18.7.23	12.25 pm	32.7	30.4	8.1	Abs	8	0.325	208						
		Bottom										28.7	7.5	8.0	3.6	0.364	233
10	A (Deeper Zones)	Surface	17.7.23	1.45 pm	33.8	31.7	8.2	Abs	7.6	0.326	209						
		Middle										29.8	7.6	4.0	4.4	0.365	234
		Bottom										29.3	7.4	6.0	3.2	0.371	237
11	B (Deeper Zones)	Surface	17.7.23	2.10 pm	33.9	31.8	8.1	Abs	8	0.329	211						
		Middle										29.7	7.5	4.0	4	0.364	233
		Bottom										29.5	7.4	8.0	3.6	0.373	239
12	C (Deeper Zones)	Surface	18.7.23	1.45 pm	33	30.7	8.2	Abs	8	0.326	209						
		Middle										29.5	7.5	6.0	4.8	0.365	234
		Bottom										28.6	7.4	10.0	2.8	0.373	239
13	D (Deeper Zones)	Surface	18.7.23	2.30 pm	33.4	30.7	8.2	Abs	8	0.323	207						
		Middle										29.4	7.6	6.0	4.4	0.361	231
		Bottom										28.6	7.5	8.0	3.6	0.374	239
14	E (Deeper Zones)	Surface	18.7.23	2.45 pm	33.4	30.8	8.1	Abs	7.6	0.327	209						
		Middle										29.6	7.5	4.0	4.8	0.368	236
		Bottom										28.8	7.4	8.0	3.2	0.378	242
				Min	32.7	28.6	7.4	4.0	2.8	0.32	205.4						
				Max	33.9	31.8	8.3	10.0	8.4	0.38	241.9						
				Mean	33.3	30.0	7.8	6.8	5.4	0.35	223.9						
Sample collected by			Sample analyzed by				Report prepared by										

Water Quality at different locations of Lower Lake August-2023 (Field Parameters) (Units in mg/liter)

S. No.	St.Name & No.	Layer	Date	Time	Air Temp. °C	Water Temp. °C	pH	Free CO ₂ (mg/l)	Dissolved Oxygen (mg/l)	Conductivity (µs/cm)	TDS (mg/l)	Light (Lux)						
1	Banganga (L/1)	Surface	21.8.23	12.5 pm	27.1	25.3	7.4	14.0	1.2	473	284	56.4						
2	Dhobighat (L/2)	Surface	18.8.23	12.10 pm	26.2	24.7	7.8	abs	7.2	441	226	10.4						
		Bottom											23.3	7.4	8.0	2.4	456	237
3	Near Retgahat (L/3)	Surface	18.8.23	12.25 pm	26.4	24.8	7.7	abs	6.8	447	230	10.7						
		Bottom											23.5	7.5	6.0	2	463	245
4	MLB College (L/4)	Surface	18.8.23	12.45 pm	26.6	25.0	8.1	abs	7.6	442	224	9.7						
		Bottom											23.7	7.5	10.0	3.2	458	238
5	Bhoipura (L/5)	Surface	18.8.23	1.00 pm	26.7	25.1	8.0	abs	7.2	432	221	10.7						
		Bottom											23.8	7.4	8.0	2.8	460	240
6	Jehangirabad (L/6)	Surface	18.8.23	1.15 pm	26.8	25.2	7.9	abs	6.8	427	228	9.8						
		Bottom											23.9	7.5	10.0	2.4	456	258
7	Khatlapura (L/7)	Surface	21.8.23	12.55 pm	27.6	25.7	8.0	abs	7.2	429	230	57.3						
		Bottom											24.5	7.4	6.0	3.6	447	256
8	MVM College (L/8)	Surface	21.8.23	12.35 pm	27.5	25.6	7.9	abs	7.6	437	228	52.6						
		Bottom											24.3	7.5	8.0	4	459	254
9	Boat House (L/9)	Surface	21.8.23	12.15 pm	27.3	25.5	7.8	abs	7.2	433	224	58.7						
		Bottom											24.2	7.4	10.0	2.8	462	248
10	A (Deeper Zones)	Surface	18.8.23	1.25 pm	26.9	25.3	8.0	abs	7.6	434	224	10.9						
		Middle											24.7	7.5	6.0	4.4	442	236
		Bottom											24.0	7.4	8.0	3.2	460	257
11	B (Deeper Zones)	Surface	18.8.23	1.50 pm	27.0	25.5	8.1	abs	7.2	436	214	9.6						
		Middle											24.8	7.6	8.0	3.6	448	230
		Bottom											24.1	7.5	10.0	2.8	482	263
12	C (Deeper Zones)	Surface	21.8.23	1.20 pm	28.0	25.8	8.0	abs	7.6	432	226	56.8						
		Middle											24.6	7.5	6.0	4.4	448	232
		Bottom											24.0	7.4	8.0	2.4	462	242
13	D (Deeper Zones)	Surface	21.8.23	1.40 pm	28.0	26.1	8.1	abs	7.6	430	230	59.8						
		Middle											25.3	7.5	8.0	4.8	446	248
		Bottom											24.4	7.4	10.0	3.6	454	259
14	E (Deeper Zones)	Surface	21.8.23	2.10 pm	28.2	26.3	8.0	abs	7.2	426	224	60.4						
		Middle											25.2	7.4	10.0	4	438	256
		Bottom											24.5	7.3	6.0	2.8	456	264
				Min	26.2	23.3	7.3	6.0	1.2	426.00	214.0	9.6						
				Max	28.2	26.3	8.1	14.0	7.6	482.00	284.0	60.4						
				Mean	27.2	24.8	7.7	8.6	4.8	447.76	240.4	34.0						
Sample collected by			Sample analyzed by				Report prepared by											

Water Quality at different locations of Lower Lake September-2023 (Field Parameters) (Units in mg/liter)																		
S. No.	St.Name & No.	Layer	Date	Time	Air Temp. °C	Water Temp. °C	pH	Free CO ₂ (mg/l)	Dissolved Oxygen (mg/l)	Conductivity (µs/cm)	TDS (mg/l)	Light (Lux)						
1	Banganga (L/1)	Surface	21.9.23	11.10 am	30.2	28.5	8.1	10.0	1.6	478	242	56.9						
2	Dhobighat (L/2)	Surface	20.9.23	12.15 pm	31.0	29.0	8.4	abs	6.8	430	215	97.4						
		Bottom											27.0	7.9	4.0	3.2	425	219
3	Near Retgahat (L/3)	Surface	20.9.23	12.45 pm	31.1	29.2	8.2	abs	7.2	450	222	59.9						
		Bottom											28.2	7.6	8.0	2.4	420	235
4	MLB College (L/4)	Surface	20.9.23	1.15 pm	32.2	29.6	8.2	abs	7.6	428	215	52.2						
		Bottom											27.6	7.2	12.0	2	450	219
5	Bhoipura (L/5)	Surface	20.9.23	1.25 pm	32.4	29.5	8.2	abs	7.2	412	218	57.7						
		Bottom											27.6	7.5	12.0	1.2	428	236
6	Jehangirabad (L/6)	Surface	20.9.23	1.55 pm	32.3	29.5	8.1	abs	6.8	429	214	58.1						
		Bottom											28.1	7.4	6.0	0.8	400	243
7	Khatlapura (L/7)	Surface	21.9.23	1.15 pm	30.7	29.8	8.1	abs	7.2	462	216	61.2						
		Bottom											28.8	8.1	8.0	1.6	415	219
8	MVM College (L/8)	Surface	21.9.23	12.45 pm	31.5	29.9	8.5	abs	6.8	426	223	54.2						
		Bottom											28.7	7.6	12.0	3.2	411	238
9	Boat House (L/9)	Surface	21.9.23	12.10 pm	30.2	29.3	8.0	abs	6.4	428	228	50.6						
		Bottom											28.2	7.8	10.0	1.2	436	256
10	A (Deeper Zones)	Surface	20.9.23	1.40 pm	31.2	28.9	8.1	abs	7.6	410	224	59.9						
		Middle											27.7	7.8	abs	4	418	248
		Bottom											27.0	7.6	8.0	0.8	428	251
11	B (Deeper Zones)	Surface	20.9.23	2.0 pm	30.5	29.2	8.3	abs	7.2	450	230	55.1						
		Middle											28.2	7.9	8.0	3.2	440	240
		Bottom											27.6	7.4	12.0	1.2	450	252
12	C (Deeper Zones)	Surface	21.9.23	1.40 pm	31.2	29.0	8.3	abs	7.6	428	232	58.4						
		Middle											28.0	7.5	2.0	4	442	242
		Bottom											27.2	7.4	8.0	3.2	452	250
13	D (Deeper Zones)	Surface	21.9.23	1.50 pm	31.3	29.1	8.1	abs	7.2	400	230	49.8						
		Middle											28.2	8.0	abs	3.6	419	241
		Bottom											27.1	7.6	4.0	1.6	423	242
14	E (Deeper Zones)	Surface	21.9.23	1.15 pm	31.6	29.0	8.2	abs	6.8	420	229	58.6						
		Middle											28.2	7.9	2.0	3.6	436	236
		Bottom											27.2	7.5	10.0	1.2	442	242
				Min	30.2	27.0	7.2	2.0	2.8	400.00	214.0	49.8						
				Max	32.4	29.9	8.5	12.0	8.0	478.00	256.0	97.4						
				Mean	31.3	28.4	7.9	7.9	4.4	431.29	232.9	61.1						
Sample collected by			Sample analyzed by				Report prepared by											

Water quality at different locations of Lower Lake September - 2023 (Laboratory Analysis) (Units in mg/liter)

S. No.	Sampling Stations & No.	Layer	Total Alkalinity (mg/l)	Carbonate Alkalinity (mg/l)	Bi-carbonate alkalinity (mg/l)	Total Hardness (mg/l)	Ca hardness (mg/l)	Mg hardness (mg/l)	Calcium content (mg/l)	Magnesium content (mg/l)	Chloride (mg/l)	BOD (mg/l)
1	Banganga (L/1)	Surface	134	Abs	134	150	105.0	45.0	44.1	10.9	40.96	12.0
2	Dhobighat (L/2)	Surface	98	2	96	132	73.5	58.5	30.9	14.2	30.97	5.6
		Bottom	102	Abs	102	134	84.0	50.0	35.3	12.2	32.97	8.0
3	Near Retgahat (L/3)	Surface	100	6	94	130	79.8	50.2	33.5	12.2	29.97	5.2
		Bottom	104	Abs	104	136	86.1	49.9	36.2	12.1	30.97	8.0
4	MLB College (L/4)	Surface	96	10	86	132	81.9	50.1	34.4	12.2	31.97	6.0
		Bottom	106	Abs	106	134	84.0	50.0	35.3	12.2	32.97	10.0
5	Bhoipura (L/5)	Surface	102	10	92	132	79.8	52.2	33.5	12.7	29.97	5.2
		Bottom	108	Abs	108	136	88.2	47.8	37.0	11.6	32.97	6.0
6	Jehangirabad (L/6)	Surface	94	8	86	130	77.7	52.3	32.6	12.7	28.97	6.0
		Bottom	100	Abs	100	136	84.0	52.0	35.3	12.6	30.97	10.0
7	Khatlapura (L/7)	Surface	102	12	90	126	81.9	44.1	34.4	10.7	29.97	5.6
		Bottom	106	Abs	106	134	88.2	45.8	37.0	11.1	31.97	8.0
8	MVM College (L/8)	Surface	104	8	96	130	79.8	50.2	33.5	12.2	30.97	5.2
		Bottom	108	Abs	108	132	86.1	45.9	36.2	11.2	33.97	6.0
9	Boat House (L/9)	Surface	98	12	86	130	84.0	46.0	35.3	11.2	31.97	6.4
		Bottom	102	Abs	102	134	88.2	45.8	37.0	11.1	32.97	8.0
10	A (Deeper Zones)	Surface	96	10	86	130	81.9	48.1	34.4	11.7	28.97	5.2
		Middle	98	2	96	134	86.1	47.9	36.2	11.6	30.97	6.0
		Bottom	104	Abs	104	138	90.3	47.7	37.9	11.6	32.97	8.0
11	B (Deeper Zones)	Surface	98	10	88	130	79.8	50.2	33.5	12.2	29.97	5.6
		Middle	102	Abs	102	136	84.0	52.0	35.3	12.6	31.97	8.0
		Bottom	106	Abs	106	138	88.2	49.8	37.0	12.1	33.97	10.0
12	C (Deeper Zones)	Surface	100	14	86	132	86.1	45.9	36.2	11.2	30.97	5.6
		Middle	104	Abs	104	136	90.3	45.7	37.9	11.1	32.97	8.0
		Bottom	108	Abs	108	140	94.5	45.5	39.7	11.1	34.97	10.0
13	D (Deeper Zones)	Surface	98	14	84	134	84.0	50.0	35.3	12.2	29.97	6.0
		Middle	102	6	96	136	86.1	49.9	36.2	12.1	31.97	8.0
		Bottom	108	Abs	108	138	88.2	49.8	37.0	12.1	33.97	10.0
14	E (Deeper Zones)	Surface	102	10	92	132	81.9	50.1	34.4	12.2	30.97	5.6
		Middle	104	Abs	104	134	86.1	47.9	36.2	11.6	31.97	8.0
		Bottom	110	Abs	110	136	90.3	45.7	37.9	11.1	32.97	12.0
	Min		94	2	84	126	73.5	44.1	30.87	10.72	28.97	5.2
	Max		134	14	134	150	105	58.5	44.10	14.22	40.96	12
	Mean		103.88	8.82	99.65	134.35	85.54	48.96	35.93	11.90	32.20	7.48

Sample collected by	Sample analyzed by	Report prepared by
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COD (mg/l)
36.0
20.0
24.0
24.0
28.0
20.0
32.0
24.0
28.0
20.0
28.0
24.0
32.0
28.0
36.0
20.0
28.0
16.0
24.0
28.0
20.0
28.0
32.0
24.0
28.0
36.0
20.0
24.0
32.0
24.0
28.0
36.0
16
36
26.59

Water Quality at different locations of Lower Lake October-2023 (Field Parameters) (Units in mg/liter)																		
S. No.	St.Name & No.	Layer	Date	Time	Air Temp. °C	Water Temp. °C	pH	Free CO ₂ (mg/l)	Dissolved Oxygen (mg/l)	Conductivity (µs/cm)	TDS (mg/l)	Light (Lux)						
1	Banganga (L/1)	Surface	21.9.23	11.10 am	30.2	28.5	8.1	10.0	1.6	478	242	56.9						
2	Dhobighat (L/2)	Surface	20.9.23	12.15 pm	31.0	29.0	8.4	abs	6.8	430	215	97.4						
		Bottom											27.0	7.9	4.0	3.2	425	219
3	Near Retgahat (L/3)	Surface	20.9.23	12.45 pm	31.1	29.2	8.2	abs	7.2	450	222	59.9						
		Bottom											28.2	7.6	8.0	2.4	420	235
4	MLB College (L/4)	Surface	20.9.23	1.15 pm	32.2	29.6	8.2	abs	7.6	428	215	52.2						
		Bottom											27.6	7.2	12.0	2	450	219
5	Bhoipura (L/5)	Surface	20.9.23	1.25 pm	32.4	29.5	8.2	abs	7.2	412	218	57.7						
		Bottom											27.6	7.5	12.0	1.2	428	236
6	Jehangirabad (L/6)	Surface	20.9.23	1.55 pm	32.3	29.5	8.1	abs	6.8	429	214	58.1						
		Bottom											28.1	7.4	6.0	0.8	400	243
7	Khatlapura (L/7)	Surface	21.9.23	1.15 pm	30.7	29.8	8.1	abs	7.2	462	216	61.2						
		Bottom											28.8	8.1	8.0	1.6	415	219
8	MVM College (L/8)	Surface	21.9.23	12.45 pm	31.5	29.9	8.5	abs	6.8	426	223	54.2						
		Bottom											28.7	7.6	12.0	3.2	411	238
9	Boat House (L/9)	Surface	21.9.23	12.10 pm	30.2	29.3	8.0	abs	6.4	428	228	50.6						
		Bottom											28.2	7.8	10.0	1.2	436	256
10	A (Deeper Zones)	Surface	20.9.23	1.40 pm	31.2	28.9	8.1	abs	7.6	410	224	59.9						
		Middle											27.7	7.8	abs	4	418	248
		Bottom											27.0	7.6	8.0	0.8	428	251
11	B (Deeper Zones)	Surface	20.9.23	2.0 pm	30.5	29.2	8.3	abs	7.2	450	230	55.1						
		Middle											28.2	7.9	8.0	3.2	440	240
		Bottom											27.6	7.4	12.0	1.2	450	252
12	C (Deeper Zones)	Surface	21.9.23	1.40 pm	31.2	29.0	8.3	abs	7.6	428	232	58.4						
		Middle											28.0	7.5	2.0	4	442	242
		Bottom											27.2	7.4	4.0	3.2	452	250
13	D (Deeper Zones)	Surface	21.9.23	1.50 pm	31.3	29.1	8.1	abs	7.2	400	230	49.8						
		Middle											28.2	8.0	abs	3.6	419	241
		Bottom											27.1	7.6	4.0	1.6	423	242
14	E (Deeper Zones)	Surface	21.9.23	1.15 pm	31.6	29.0	8.2	abs	6.8	420	229	58.6						
		Middle											28.2	7.9	2.0	3.6	436	236
		Bottom											27.2	7.5	10.0	1.2	442	242
				Min	30.2	27.0	7.2	2.0	2.8	400.00	214.0	49.8						
				Max	32.4	29.9	8.5	12.0	8.0	478.00	256.0	97.4						
				Mean	31.3	28.4	7.9	7.7	4.4	431.29	232.9	61.1						
Sample collected by			Sample analyzed by				Report prepared by											

Water quality at different locations of Lower Lake October 2023 (Laboratory Analysis) (Units in mg/liter)

S. No.	Sampling Stations & No.	Layer	Total Alkalinity (mg/l)	Carbonate Alkalinity (mg/l)	Bi-carbonate alkalinity (mg/l)	Total Hardness (mg/l)	Ca hardness (mg/l)	Mg hardness (mg/l)	Calcium content (mg/l)	Magnesium content (mg/l)	Chloride (mg/l)	BOD (mg/l)	COD (mg/l)
1	Banganga (L/1)	Surface	134	Abs	134	150	105.0	45.0	44.1	10.9	40.96	10.0	36.0
2	Dhobighat (L/2)	Surface	98	2	96	132	73.5	58.5	30.9	14.2	30.97	5.2	20.0
		Bottom	102	Abs	102	134	84.0	50.0	35.3	12.2	32.97	8.0	24.0
3	Near Retgahat (L/3)	Surface	100	6	94	130	79.8	50.2	33.5	12.2	29.97	5.6	24.0
		Bottom	104	Abs	104	136	86.1	49.9	36.2	12.1	30.97	8.0	28.0
4	MLB College (L/4)	Surface	96	10	86	132	81.9	50.1	34.4	12.2	31.97	5.2	20.0
		Bottom	106	Abs	106	134	84.0	50.0	35.3	12.2	32.97	10.0	32.0
5	Bhoipura (L/5)	Surface	102	10	92	132	79.8	52.2	33.5	12.7	29.97	6.0	24.0
		Bottom	108	Abs	108	136	88.2	47.8	37.0	11.6	32.97	10.0	28.0
6	Jehangirabad (L/6)	Surface	94	8	86	130	77.7	52.3	32.6	12.7	28.97	5.6	20.0
		Bottom	100	Abs	100	136	84.0	52.0	35.3	12.6	30.97	8.0	28.0
7	Khatlapura (L/7)	Surface	102	12	90	126	81.9	44.1	34.4	10.7	29.97	5.2	24.0
		Bottom	106	Abs	106	134	88.2	45.8	37.0	11.1	31.97	8.0	32.0
8	MVM College (L/8)	Surface	104	8	96	130	79.8	50.2	33.5	12.2	30.97	5.6	28.0
		Bottom	108	Abs	108	132	86.1	45.9	36.2	11.2	33.97	10.0	36.0
9	Boat House (L/9)	Surface	98	12	86	130	84.0	46.0	35.3	11.2	31.97	5.6	20.0
		Bottom	102	Abs	102	134	88.2	45.8	37.0	11.1	32.97	10.0	28.0
10	A (Deeper Zones)	Surface	96	10	86	130	81.9	48.1	34.4	11.7	28.97	5.2	16.0
		Middle	98	2	96	134	86.1	47.9	36.2	11.6	30.97	8.0	24.0
		Bottom	104	Abs	104	138	90.3	47.7	37.9	11.6	32.97	10.0	28.0
11	B (Deeper Zones)	Surface	80	10	70	130	79.8	50.2	33.5	12.2	29.97	5.6	20.0
		Middle	102	Abs	102	136	84.0	52.0	35.3	12.6	31.97	8.0	28.0
		Bottom	106	Abs	106	138	88.2	49.8	37.0	12.1	33.97	10.0	32.0
12	C (Deeper Zones)	Surface	100	14	86	132	86.1	45.9	36.2	11.2	30.97	5.2	24.0
		Middle	104	Abs	104	136	90.3	45.7	37.9	11.1	32.97	6.0	28.0
		Bottom	108	Abs	108	140	94.5	45.5	39.7	11.1	34.97	8.0	36.0
13	D (Deeper Zones)	Surface	98	14	84	134	84.0	50.0	35.3	12.2	29.97	5.6	20.0
		Middle	102	6	96	136	86.1	49.9	36.2	12.1	31.97	8.0	24.0
		Bottom	108	Abs	108	138	88.2	49.8	37.0	12.1	33.97	10.0	32.0
14	E (Deeper Zones)	Surface	102	10	92	132	81.9	50.1	34.4	12.2	30.97	5.2	24.0
		Middle	104	Abs	104	134	102.9	31.1	43.2	7.6	31.97	6.0	28.0
		Bottom	110	Abs	110	136	90.3	45.7	37.9	11.1	32.97	8.0	36.0
			80	2	70	126	73.5	45.7	30.87	11.11	41.96	5.2	16
			134	14	134	150	105	127.5	44.10	9.72	44.96	10	36
			102.94	8.82	98.71	134.35	86.04	118.38	36.14	10.16	32.70	7.35	26.59
Sample collected by			Sample analyzed by					Report prepared by					

Water Quality at different locations of Lower Lake November-2023 (Field Parameters) (Units in mg/liter)												
S. No.	St.Name & No.	Layer	Date	Time	Air Temp. °C	Water Temp. °C	pH	Free CO ₂ (mg/l)	Dissolved Oxygen (mg/l)	Conductivity (µs/cm)	TDS (mg/l)	Light (Lux)
1	Banganga (L/1)	Surface	20.11.23	2.30 pm	27.9	25.7	7.4	10.0	2	428	262	60.4
2	Dhobighat (L/2)	Surface	16.11.23	12.30 pm	26.2	24.3	8.0	abs	7.2	425	245	34.6
		Bottom				22.2	7.4	8.0	2.8	448	265	
3	Near Retgahat (L/3)	Surface	16.11.23	12.45 pm	26.3	24.5	8.1	abs	6.8	412	242	34.8
		Bottom				22.6	7.5	10.0	2	435	260	
4	MLB College (L/4)	Surface	16.11.23	1.0 pm	26.5	24.7	7.8	6.0	5.2	418	234	35.2
		Bottom				22.8	7.4	10.0	3.2	436	254	
5	Bhoipura (L/5)	Surface	16.11.23	1.25 pm	26.6	24.8	7.6	4.0	4.8	416	228	35.5
		Bottom				22.9	7.5	8.0	2.4	440	244	
6	Jehangirabad (L/6)	Surface	16.11.23	1.35 pm	26.7	24.9	8.1	abs	7.6	422	224	35.8
		Bottom				23.1	7.5	6.0	3.2	438	248	
7	Khatlapura (L/7)	Surface	20.11.23	1.05 pm	27.5	25.1	7.9	abs	6.8	417	220	55.4
		Bottom				23.7	7.4	8.0	2.8	439	238	
8	MVM College (L/8)	Surface	20.11.23	12.45 pm	27.3	24.9	8.0	abs	7.2	419	218	54.6
		Bottom				23.4	7.5	10.0	3.2	438	237	
9	Boat House (L/9)	Surface	20.11.23	12.15 pm	27.1	24.7	7.8	abs	6.8	416	215	52.3
		Bottom				23.2	7.5	8.0	2.4	435	232	
10	A (Deeper Zones)	Surface	16.11.23	1.55 pm	26.9	25.1	8.0	abs	7.2	418	220	37.4
		Middle				24.5	7.6	6.0	4.8	436	236	
		Bottom				23.2	7.5	8.0	3.2	456	252	
11	B (Deeper Zones)	Surface	16.11.23	2.15 pm	27.1	25.3	8.1	abs	7.6	412	224	37.8
		Middle				24.6	7.5	8.0	5.2	425	239	
		Bottom				23.3	7.4	10.0	3.6	436	256	
12	C (Deeper Zones)	Surface	20.11.23	1.30 pm	27.6	25.2	8.0	abs	7.2	421	224	55.6
		Middle				24.5	7.5	6.0	4.8	435	248	
		Bottom				23.6	7.4	8.0	2.8	442	254	
13	D (Deeper Zones)	Surface	20.11.23	1.45 pm	27.7	25.3	8.1	abs	7.6	416	228	56.4
		Middle				24.6	7.6	6.0	5.2	432	236	
		Bottom				23.8	7.5	10.0	4	447	245	
14	E (Deeper Zones)	Surface	20.11.23	2.15 pm	27.8	25.5	8.0	abs	7.2	412	216	58.2
		Middle				24.7	7.5	8.0	4.4	424	232	
		Bottom				24.0	7.3	12.0	2.4	440	248	
				Min	26.2	22.2	7.3	4.0	2.8	412.00	215.0	34.6
				Max	27.9	25.7	8.1	12.0	8.0	456.00	265.0	60.4
				Mean	27.1	24.2	7.7	8.1	4.4	429.47	238.4	46.2
Sample collected by			Sample analyzed by				Report prepared by					

Water quality at different locations of Lower Lake November 2023 (Laboratory Analysis) (Units in mg/liter)

S. No.	Sampling Stations & No.	Layer	Total Alkalinity (mg/l)	Carbonate Alkalinity (mg/l)	Bi-carbonate alkalinity (mg/l)	Total Hardness (mg/l)	Ca hardness (mg/l)	Mg hardness (mg/l)	Calcium content (mg/l)	Magnesium content (mg/l)	Chloride (mg/l)	BOD (mg/l)	COD (mg/l)
1	Banganga (L/1)	Surface	128	Abs	128	146	98.7	47.3	41.5	11.5	38.96	10.0	36.0
2	Dhobighat (L/2)	Surface	90	4	86	126	67.2	58.8	28.2	14.3	30.97	5.2	20.0
		Bottom	94	Abs	94	132	84.0	48.0	35.3	11.7	32.97	8.0	24.0
3	Near Retgahat (L/3)	Surface	92	2	90	134	75.6	58.4	31.8	14.2	29.97	5.6	24.0
		Bottom	96	Abs	96	136	86.1	49.9	36.2	12.1	30.97	8.0	32.0
4	MLB College (L/4)	Surface	94	Abs	94	134	79.8	54.2	33.5	13.2	31.97	8.0	28.0
		Bottom	104	Abs	104	138	86.1	51.9	36.2	12.6	33.97	10.0	36.0
5	Bhoipura (L/5)	Surface	98	Abs	98	132	75.6	56.4	31.8	13.7	30.97	6.0	28.0
		Bottom	106	Abs	106	136	84.0	52.0	35.3	12.6	33.97	8.0	32.0
6	Jehangirabad (L/6)	Surface	90	4	86	130	77.7	52.3	32.6	12.7	29.97	5.2	24.0
		Bottom	98	Abs	98	134	81.9	52.1	34.4	12.7	32.97	8.0	28.0
7	Khatlapura (L/7)	Surface	102	4	98	132	79.8	52.2	33.5	12.7	28.97	5.6	20.0
		Bottom	106	Abs	106	136	84.0	52.0	35.3	12.6	31.97	10.0	28.0
8	MVM College (L/8)	Surface	96	4	92	134	77.7	56.3	32.6	13.7	30.97	6.0	24.0
		Bottom	104	Abs	104	138	86.1	51.9	36.2	12.6	33.97	12.0	32.0
9	Boat House (L/9)	Surface	94	2	92	132	79.8	52.2	33.5	12.7	31.97	5.6	20.0
		Bottom	100	Abs	100	136	84.0	52.0	35.3	12.6	32.97	8.0	28.0
10	A (Deeper Zones)	Surface	92	4	88	130	73.5	56.5	30.9	13.7	28.97	4.8	16.0
		Middle	96	Abs	96	134	77.7	56.3	32.6	13.7	30.97	6.0	20.0
		Bottom	102	Abs	102	138	81.9	56.1	34.4	13.6	32.97	8.0	24.0
11	B (Deeper Zones)	Surface	94	6	88	128	75.6	52.4	31.8	12.7	27.97	5.2	20.0
		Middle	98	Abs	98	132	79.8	52.2	33.5	12.7	29.97	8.0	28.0
		Bottom	106	Abs	106	136	84.0	52.0	35.3	12.6	31.97	10.0	32.0
12	C (Deeper Zones)	Surface	90	4	86	132	77.7	54.3	32.6	13.2	29.97	5.6	24.0
		Middle	94	Abs	94	136	81.9	54.1	34.4	13.1	31.97	8.0	32.0
		Bottom	98	Abs	98	140	86.1	53.9	36.2	13.1	33.97	10.0	36.0
13	D (Deeper Zones)	Surface	94	6	88	134	79.8	54.2	33.5	13.2	27.97	5.2	24.0
		Middle	96	Abs	96	138	84.0	54.0	35.3	13.1	30.97	8.0	28.0
		Bottom	104	Abs	104	142	88.2	53.8	37.0	13.1	32.97	10.0	32.0
14	E (Deeper Zones)	Surface	92	4	88	132	77.7	54.3	32.6	13.2	28.97	6.0	20.0
		Middle	98	Abs	98	136	81.9	54.1	34.4	13.1	31.97	8.0	24.0
		Bottom	102	Abs	102	140	84.0	56.0	35.3	13.6	33.97	10.0	32.0
			90	2	86	126	67.2	47.3	28.22	11.49	27.97	4.8	16
			128	6	128	146	98.7	58.8	41.45	14.29	38.96	12	36
			99.00	4.00	97.59	134.88	81.41	53.48	34.19	12.99	31.79	7.61	26.71
Sample collected by			Sample analyzed by				Report prepared by						

Water Quality at different locations of Lower Lake December-2023 (Field Parameters) (Units in mg/liter)												
S. No.	St.Name & No.	Layer	Date	Time	Air Temp. °C	Water Temp. °C	pH	Free CO ₂ (mg/l)	Dissolved Oxygen (mg/l)	Conductivity (µs/cm)	TDS (mg/l)	Light (Lux)
1	Banganga	Surface	15.12.23	2.15 pm	25.6	23.4	7.4	10.0	2.8	432	228	69.4
2	Dhobighat	Surface	14.12.23	12.05 pm	24.6	22.6	7.6	6.0	4.8	412	215	66.8
		Bottom				20.7	7.4	8.0	2	436	230	
3	Near Retga	Surface	14.12.23	12.25 pm	24.8	22.8	7.8	abs	7.2	416	218	67.4
		Bottom				20.9	7.5	6.0	2.8	432	236	
4	MLB College	Surface	14.12.23	12.45 pm	25.1	23.1	8.0	abs	6.8	415	214	67.8
		Bottom				21.2	7.4	10.0	2	432	228	
5	Bhoipura (L)	Surface	14.12.23	1.10 pm	25.3	23.3	7.6	8.0	4.8	418	217	68.3
		Bottom				21.4	7.5	10.0	2.4	431	234	
6	Jehangirab	Surface	14.12.23	1.25 pm	25.5	23.5	7.9	abs	7.2	420	216	68.7
		Bottom				21.6	7.5	6.0	2.8	442	232	
7	Khatlapura	Surface	15.12.23	12.45 pm	25.0	22.9	7.5	6.0	4.8	414	212	66.7
		Bottom				20.8	7.3	8.0	2.4	439	228	
8	MVM College	Surface	15.12.23	12.30 pm	24.8	22.7	7.8	abs	7.2	415	218	66.2
		Bottom				20.5	7.5	6.0	3.6	432	235	
9	Boat House	Surface	15.12.23	12.15 pm	24.6	22.5	7.6	6.0	5.2	416	214	65.8
		Bottom				20.3	7.4	10.0	2.8	431	230	
10	A (Deeper)	Surface	14.12.23	1.55 pm	25.8	23.6	8.0	abs	7.6	417	220	69.6
		Middle				22.4	7.5	6.0	4.8	430	238	
		Bottom				21.5	7.5	10.0	3.2	448	245	
11	B (Deeper)	Surface	14.12.23	2.15 pm	26.0	23.8	7.9	abs	7.2	413	214	70.4
		Middle				22.6	7.4	4.0	4.4	428	228	
		Bottom				21.8	7.3	8.0	2.4	437	240	
12	C (Deeper)	Surface	15.12.23	1.10 pm	25.2	23.3	8.0	abs	7.6	416	215	67.3
		Middle				22.5	7.5	6.0	4.4	432	230	
		Bottom				21.2	7.4	10.0	2.8	445	243	
13	D (Deeper)	Surface	15.12.23	1.35 pm	25.3	23.5	7.9	abs	7.2	418	219	67.8
		Middle				22.6	7.5	6.0	4.4	436	238	
		Bottom				21.4	7.4	8.0	3.2	446	250	
14	E (Deeper)	Surface	15.12.23	1.55 pm	25.50	23.6	8.0	abs	7.6	412	212	68.3
		Middle				22.7	7.6	8.0	5.2	422	224	
		Bottom				21.5	7.4	10.0	3.6	430	232	
				Min	24.6	20.3	7.3	4.0	2.8	412.00	212.0	65.8
				Max	26.0	23.8	8.0	10.0	8.0	448.00	250.0	70.4
				Mean	25.2	22.2	7.6	7.6	4.4	427.15	226.9	67.9
Sample collected by		Sample analyzed by				Report prepared by						

Water quality at different locations of Lower Lake December 2023 (Laboratory Analysis) (Units in mg/liter)

S. No.	Sampling Stations & No.	Layer	Total Alkalinity (mg/l)	Carbonate Alkalinity (mg/l)	Bi-carbonate alkalinity (mg/l)	Total Hardness (mg/l)	Ca hardness (mg/l)	Mg hardness (mg/l)	Calcium content (mg/l)	Magnesium content (mg/l)	Chloride (mg/l)	BOD (mg/l)	COD (mg/l)
1	Banganga (L/1)	Surface	126	Abs	126	150	96.6	53.4	40.6	22.6	37.96	12	40
2	Dhobighat	Surface	86	Abs	86	128	65.1	62.9	27.3	26.6	29.97	8	16
		Bottom	90	Abs	90	132	79.8	52.2	33.5	22.1	31.97	10	28
3	Near Retga	Surface	88	4	84	130	77.7	52.3	32.6	22.1	28.97	5.2	20
		Bottom	92	Abs	92	134	84.0	50.0	35.3	21.2	30.97	8	24
4	MLB College	Surface	90	2	88	132	75.6	56.4	31.8	23.9	29.97	5.6	20
		Bottom	94	Abs	94	138	88.2	49.8	37.0	21.1	32.97	8	32
5	Bhoipura (L)	Surface	92	Abs	92	130	73.5	56.5	30.9	23.9	30.97	6	20
		Bottom	96	Abs	96	134	77.7	56.3	32.6	23.8	33.97	10	36
6	Jehangirab	Surface	90	4	90	128	73.5	54.5	30.9	23.1	28.97	5.6	16
		Bottom	96	Abs	96	136	79.8	56.2	33.5	23.8	31.97	8	28
7	Khatlapura	Surface	96	Abs	96	136	81.9	54.1	34.4	22.9	27.97	8	24
		Bottom	100	Abs	100	138	86.1	51.9	36.2	22.0	31.97	12	36
8	MVM College	Surface	94	6	88	132	75.6	56.4	31.8	23.9	29.97	6	20
		Bottom	98	Abs	98	136	84.0	52.0	35.3	22.0	32.97	10	28
9	Boat House	Surface	92	Abs	92	134	77.7	56.3	32.6	23.8	30.97	8	24
		Bottom	96	Abs	96	138	86.1	51.9	36.2	22.0	33.97	12	32
10	A (Deeper)	Surface	94	4	90	132	71.4	60.6	30.0	25.6	27.97	5.6	16
		Middle	98	Abs	98	136	75.6	60.4	31.8	25.5	29.97	8	28
		Bottom	100	Abs	100	138	79.8	58.2	33.5	24.6	31.97	10	36
11	B (Deeper)	Surface	92	6	86	134	77.7	56.3	32.6	23.8	28.97	5.2	20
		Middle	96	Abs	96	138	81.9	56.1	34.4	23.7	30.97	10	24
		Bottom	102	Abs	102	140	86.1	53.9	36.2	22.8	32.97	12	32
12	C (Deeper)	Surface	88	6	82	130	75.6	54.4	31.8	23.0	27.97	6.4	20
		Middle	92	Abs	92	134	79.8	54.2	33.5	22.9	29.97	8	32
		Bottom	96	Abs	96	138	84.0	54.0	35.3	22.8	32.97	10	36
13	D (Deeper)	Surface	134	Abs	134	134	77.7	56.3	32.6	23.8	26.97	5.6	20
		Middle	138	6	132	138	81.9	56.1	34.4	23.7	28.97	8	28
		Bottom	140	8	132	140	88.2	51.8	37.0	21.9	30.97	12	36
14	E (Deeper)	Surface	130	Abs	130	130	75.6	54.4	31.8	23.0	27.97	6.4	16
		Middle	134	8	126	134	79.8	54.2	33.5	22.9	29.97	10	24
		Bottom	138	10	128	138	81.9	56.1	34.4	23.7	31.97	12	32
	Min		86	2	102	128	65.1	45.7	27.34	11.11	41.96	5.2	16
	Max		140	10	88	150	96.6	127.5	40.57	9.72	44.96	12	40
	Mean		103.35	5.85	98.00	135.24	80.05	118.38	33.62	10.16	31.59	8.49	26.47
Sample collected by			Sample analyzed by				Report prepared by						