

RESULTS OF ANALYSIS expressed in Grammes per 100,000 Cubic Centimetres of Water.

Number of Sample.	Description.	Sp. Gravity at 15°·5 C.	Total Solid Matter in solution.	Organic Carbon.	Organic Nitrogen.	Proportion of organic N. to organic C.	Ammonia.	Nitrogen as Nitrates and Nitrites.	Total combined Nitrogen.	Silica.	Chlorine.	Hardness.			Carbonate of Lime, approximate.
												Temporary.	Permanent.	Total.	
47	Surface, temp. 54° . . . . .	1·0268	4074	·647	·134	1:4·83	·022	·030	·182	·90	2028·1	70·7	818·3	889·0	73·7
47	Bottom, 542 fathoms, temp. 43°·8	1·0268	4070	·331	·163	1:2·03	·022	·032	·213	—	2034·4	42·4	832·4	874·8	45·4
87	Surface, temp. 52°·6 . . . . .	1·0269	4036	·321	·098	1:3·38	·017	·056	·168	2·10	1987·5	98·9	804·2	903·1	101·9
87	Bottom, 767 fathoms, temp. 41°·4	1·0268	4132	·313	·096	1:3·26	·020	·061	·173	1·10	2026·9	84·8	818·3	903·1	87·8
54	Surface, temp. 52°·5 . . . . .	1·0266	4110	·281	·169	1:1·61	·007	·025	·200	·75	2017·5	42·4	818·3	860·7	45·4
54	Bottom, 363 fathoms, temp. 31°·4	1·0268	4030	·136	·161	1:·84	·004	·041	·205	·10	2014·4	56·5	860·7	917·2	59·5
64	Surface, temp. 49°·7 . . . . .	1·0265	4116	·170	·217	1:·78	·005	·043	·264	·30	1996·2	56·5	860·7	917·2	59·5
64	Bottom, 640 fathoms, temp. 29°·6	1·0262	3920	·217	·252	1:·86	·008	·039	·298	·10	1988·1	56·5	846·6	903·1	59·5
	Thames, mid-stream at low water, London Bridge, April 27th, 1869 . . . . .	...	30·35	·455	·075	1:6·07	·032	·181	·282	...	1·95	...	...	22·7	
	Water of Loch Katrine . . . . .	...	3·00	·161	·011	1:14·64	·001	·000	·012	...	·905	...	...	·3	