

Table 8 - HTD.RP: Deep Holes Between Pelham Pond and Billerica Dam

Ref #	Name	Depth		Rank	Control Geology
		Feet (fractional)	Feet (decimal)	1=deepest	
1	One at Bend in Pelham Pond Reach	12 1/2	12.50	16	
2	At sharp Bend midway bet. B.P. B & Sud Causeway	16 1/2	16.50	3	
3	some 40 rods lower--	11 1/2	11.50		
4	Arundo Bay	13 1/4	13.25	14	
5	Beyond Scirpus	11 1/2	11.50		
6	Hardland bend	14 3/4	14.75	9	
7	Above Drifted bushes	13 3/4	13.75	12	
8	Just above Sherman B.--	15 1/2	15.50	5	
9	Great bend above Weir Hill	14	14.00	11	
10	Weir Hill bend	12	12.00		
11	Below Hay brdige	13 3/4	13.75	13	
12	Near Farrars meadow	11	11.00		
13	50 rods above Lees B.	11 3/4	11.75		x
14	Lees High rock	11 3/4	11.75		x
15	Below Lees	11 1/2	11.50		
16	Ppurple Utricularia Bay	19 1/2	19.50	1	
17	Bittern Cliff	11	11.00		
18	French's Rock	12 1/4	12.25		
19	By Ash	11	11.00		
20	Sharp bend {at} Holt	17	17.00	2	
21	NE angle of Holt	16 1/4	16.25	4	
22	Balls Hill	15 1/2	15.50	6	
23	E. Davis Hill	15 1/2	15.50	7	
24	Jug I.	15 1/4	15.25	8	
25	off Height of Hill 100 rods below	14	14.00	10	
26	40 or 50 rods below T.P.B.	13	13.00	15	
27	Bend this side corner B.	12	12.00		

Notes:

1. Depths from July used a base of 10 1/2 inches above summer datum. Arranged from South to North
2. Definition of deep hole between Pelham Pond and the Dam is 11ft or over.
3. "I omit to name order of depth all under 12 1/2 because there are some places in the Carlisle Lake Reach 11& over not named"
4. Notebook entry: "between lines 21 and 22 are some 13 feet or more.
5. Of 16 places which are 12 1/2 deep or more-- 8 are in Wayland; 5 in Concord, 3 in Billerica, The two deepest are in Concord.
6. Of the above 27 no's 2--4--8--9--11-19--20--21--24--or tat least 9 occur just after a shallow or narrow--or both shallow& narrow
7. Control by geology means "plainly referred to orignal form of valley."
8. On 7/22/59 he identifies holes in original valley in text.

Boatman reference, page 180-184