



NGRC
BOREHOLE RECORDS
ADJUSTMENT FORM

QUARTER SHEET ST 58 SE

BH REGISTRATION NUMBER 109

RECORDS ENTERED AND HELD BY WALLINGFORD

BH REGISTRATION NUMBER(S)

ST58/22

117
119
120

Henbury—Maps : 250, 264 ; [35] ; (67 N.W., N.E., S.W., S.E., 71 N.W., N.E.)

Henbury village is supplied by the Bristol Waterworks Company, whose mains go out as far as Hollywood Towers, and wells* (analysis, p. 262).

The public well at Hallen is about 20 ft. deep in Keuper Marl and gave a good supply throughout 1921. The wells in the Alluvium yield peaty water.

Charlton is served by the West Gloucestershire Water Company.

* There are wells in the parish of great depth—one in the Carboniferous Limestone is 150 ft. deep.

Henbury

Wells in :—

- a 1. Alluvium at Cowley Farm, King's Weston.
- b 2. Ditto.
3. Alluvium at Compton Greenfield. X
4. Lower Lias, Carpenter's Arms, Charlton.
5. Keuper Marl, Hillend Grove, Henbury.

Analyses made and communicated by H. F. Barke, Bristol.

	Grains per gallon				
	(1)	(2)	(3)	(4)	(5)
Saline ammonia	0.023	0.7	0.011	0.0462	0.0003
Albuminoid ammonia	0.157	0.393	0.081	0.161	0.0039
Nitrogen as nitrate	1.72	0.5	0.719	0.2	0.149
Nitrites	—	—	present	trace	—
Chlorine as chloride	9.5	91.3	4.0	6.7	3.6
Dissolved solids	73.0	225.0	64.0	105.0	63.0
Earthy carbonates ¹	33.5	66.0	—	—	22
Earthy salts not carbonates ¹	0	0	—	—	21.5
Hardness ¹	34.5	67.0	—	—	44.5

264/117
NO SITE

264/118²
793 arb

E 264/119

264/120

264/117. Public well, Hallen. Disused and covered over.

Pumps still in place. O.D. 129'. Sited on 6" Glos 67SE/W.

264/118² arb. Cowley Farm deserted and derelict. Concrete slab by back door with "W" on it may be site of one of these wells. Sited by Δ on 6" Glos 67SW/E.

264/119. Carpenter's Arms Charlton. Now aerodrome. Sited by Δ on 6" Glos 67SE/E.

264/120 Hill and Home. Now a convent. Well disused, said to be dry. Sited on 6" Glos 67SE/W.

H. Pike. 19.5.1949.



ST 586 803

WATER RESOURCES BOARD WELL RECORD		SHEET 1	W.R.B. REF. No. <u>ST58/22</u>
			R.A. LICENCE No. <u>264/119</u>
1. WELL IDENTITY		NATIONAL GRID REFERENCE	
Well at <u>Carpenter's Arms</u>	I.G.S. REF. No.		
<u>(near Aerodrome)</u>	RIVER AUTHORITY		
Town <u>Charlton, Henbury</u>	HYDROMETRIC AREA		
County	SUB-CATCHMENT		
Owner of well			
Well made by	Date of sinking		
Information from	Date received		
2. WELL DESCRIPTION			
Level of ground surface	m. If well top is not at above*		m.
above sea level (O.D.)	ft. ground level how far below		ft.
Shaft	m. deep; Diameter at top	mm. ; at bottom	mm.
	ft. ;	in. ;	in.
Bore	m. deep; Diameter at top	mm. ; at bottom	mm.
	ft. ;	in. ;	in.
Details of headings			
.....			
DETAILS OF PERMANENT LINING TUBES			
Length	m. ; Diam.	mm. Length Slotted	m. ; Diam.
Plain	ft. ; in. ;	ft. ;	mm. ; Top
			ft. above* below surface
Length	m. ; Diam.	mm. Length Slotted	m. ; Diam.
Plain	ft. ; in. ;	ft. ;	mm. ; Top
			ft. above* below surface
Length	m. ; Diam.	mm. Length Slotted	m. ; Diam.
Plain	ft. ; in. ;	ft. ;	mm. ; Top
			ft. above* below surface
Details of well screen			
.....			
DETAILS OF REST WATER LEVELS DURING CONSTRUCTION			
Water struck at depths of			below well top
Rest level of water	m. above* O.D.*	m. deep. Date	
	ft. below well top when bore	ft.	
Rest level of water	m. above* O.D.*	m. deep. Date	
	ft. below well top when bore	ft.	
Rest level of water	m. above* O.D.*	m. deep. Date	
on completion of bore	ft. below well top when bore	ft.	
Method of drilling			
Brief details of well development e.g. acid treatment etc.			
.....			

* delete as applicable



WATER RESOURCES BOARD		W. R. B. REF No.
WELL RECORD		ST58/22
SHEET 2		R. A. LICENCE No.
4. HYDROGEOLOGY		
Topography AT WELL SITE		
Local depression <input type="checkbox"/> , Flat surface <input type="checkbox"/> , Hill top <input type="checkbox"/> , Hillside <input type="checkbox"/> , Valley bottom <input type="checkbox"/> , Terrace <input type="checkbox"/>		
MAJOR AQUIFER		Lithology
Depth to top of aquifer	m.	Thickness penetrated
.....	ft.
Top of aquifer	m.	Total thickness of aquifer
.....	ft.
Coefficient of storage		Transmissivity
		$\frac{m^2/day}{galls/day/ft.}$
MINOR AQUIFER		Lithology
Depth to top of aquifer	m.	Thickness penetrated
.....	ft.
Top of aquifer	m.	Total thickness of aquifer
.....	ft.
Coefficient of storage		Transmissivity
		$\frac{m^2/day}{galls/day/ft.}$
ADDITIONAL NOTES: Sited by A on 6" Glos 678e/e . grains per gallon .		
Saline Ammonia 0.462		
Albuminoid ammonia 0.161		
Nitrogen as nitrate .2		
Nitrate trace		
Chlorine as chloride 6.7		
Dissolved solids 105.0		
Cauchy Carbonates —		
Cauchy salts not Carbonates —		
Hardness —		
Analysis made and com. communicated by H. F. Burke, Bristol.		

* delete as applicable

