

ST 58 SE/15-19¹⁵
DUPLICATE LOGS.



SITE PLAN

Scale 1/2500

⊕ Denotes borehole

⊞ Denotes trial pit

Part traced from drawing supplied by Binnie & Partners Drg. No. 287/1

ALMONDSBURY RESERVOIR	Soils No. Sj. 34.0.7.....
	FIG.1



RECORD OF BOREHOLE NO. 2

ST 58 SE | 15-14

Ground level : + 270.4ft. O.D. (82.42m) Dia. of boring : 8in.
Type of boring : Snell and Auger Lining tubes : 8in. to 18ft.

Daily Progress	Samples		Change of Strata			Description of Strata
	Depth	Type	Legend	Depth	O.D. Level	
	1'6"	D	[Diagonal lines]	1'6"	+268.9	TOPSOIL
	1'6" - 3'0"	U(4) D	[Horizontal lines]	(0.46m)		Stiff to very stiff laminated grey-brown silty CLAY with chalk fragments above 4ft.
	3'0" - 4'0"	U(4) D	[Horizontal lines]			
	4'0" - 5'6"	U(4) D	[Horizontal lines]			
	10'0" - 11'6"	U(4) D	[Horizontal lines]	10'0"	+260.4	Very stiff to hard grey-black MUDSTONE
	11'6" - 13'0"	U(4) D	[Horizontal lines]	(3.05m)		
	13'0" - 13'6"	U(4) D	[Horizontal lines]	13'0"	+257.4	Very dense grey silty fine SAND with sandstone fragments
	13'6" - 14'6"	S(90)†	[Horizontal lines]	(3.96m)		
12.11.62.	14'6" - 15'0"	S(90)†	[Horizontal lines]			
	18'0" - 19'0"	BD	[Horizontal lines]	18'0"	+252.4	Hard laminated grey-green MUDSTONE
	22'0" - 22'3"	U(4)† D	[Horizontal lines]			
13.11.62.	22'3" - 24'0"	BD	[Horizontal lines]			
	24'0" - 25'0"	BD	[Horizontal lines]			
	30'0" - 31'0"	BD	[Horizontal lines]			Hard grey and red-brown MUDSTONE
	33'0" - 33'3"	C(150)† BD	[Horizontal lines]	32'0"	+238.4	
	33'3" - 34'0"	BD	[Horizontal lines]	(9.75m)		
	38'0" - 38'2"	C(150)†	[Horizontal lines]			
14.11.62.	41'0" - 42'0"	BD	[Horizontal lines]	42'0"	+228.4	
			[Horizontal lines]	(12.80m)		

Key to type of sample :
U (4) — 4 in. dia. undisturbed sample.
U (1½) — 1½ in. dia. " "
D — disturbed sample.
BD — bulk disturbed sample.
W — water sample.
S () — standard penetration test.
C () — dynamic cone penetration test.
 No. in brackets gives
 No. of blows/12 in. penetration.

Remarks : (Observations on ground-water, etc.)
 Ground-water was first encountered at depth of 10ft. below ground level
 * Unable to recover sample
 † Full penetration of sampler not attained
 Sample of ground-water taken.

ALMONDSBURY RESERVOIR

Soils No :
S/3407

FIG. 3



RECORD OF BOREHOLE NO. 3

ST 58 SE 15-19

Ground level : + 264.5 ft. O.D. (80.62 m) Dia. of boring : 8 in.
Type of boring : Snell and Auger Lining tubes : Not used

Daily Progress	Samples		Change of Strata			Description of Strata
	Depth	Type	Legend	Depth	O.D. Level	
	2'0" - 3'6" 2'6"	U(4) D		(1.83 m) 6'0"	+258.5	Stiff grey-brown CLAY with mudstone fragments
	6'0" - 6'2"	C(50)†		(2.44 m) 8'0"	+256.5	Hard brown SANDSTONE
	9'0"	D		(2.74 m) 9'0"	+255.5	Stiff laminated grey silty CLAY
	10'0" - 10'2"	C(50)†		12'0"	+252.2	Hard grey MUDSTONE
	12'0" - 12'3" 12'0" - 13'0"	C(50)† BD		(3.66 m)		Hard laminated grey-green MUDSTONE
21.11.62.	16'0" - 16'3" 16'0" - 17'0"	C(50)† BD		17'0" (5.18 m)	+247.5	

RECORD OF BOREHOLE NO. 4

Ground level : + 263.3 ft. O.D. (80.42 m) Dia. of boring : 8 in.
Type of boring : Snell and Auger Lining tubes : Not used

	2'0"	D		2'0" (0.61 m)	+261.8	TOPSOIL
	2'6" - 4'0" 4'0"	U(4) D		6'6" (1.98 m)	+257.3	Stiff to very stiff grey-brown CLAY with mudstone fragments
	7'0" - 8'0"	S(72)		11'6" (3.51 m)	+252.3	Hard grey and brown silty sandy CLAY
	10'0" - 11'0"	S(72)				
	12'0" - 13'0"	S(84)				Hard red-brown calcareous CLAY
20.11.62.	16'5" - 17'0"	S(72)†		17'0" (5.18 m)	+246.8	

Key to type of sample :
U (4) — 4 in. dia. undisturbed sample.
U (1½) — 1½ in. dia. " "
D — disturbed sample. " "
BD — bulk disturbed sample.
W — water sample.
S () — standard penetration test.
C () — dynamic cone penetration test.
 No. in brackets gives
 No. of blows/12 in. penetration.

Remarks : (Observations on ground-water, etc.)

B.H.3 Ground-water was first encountered at depth of 14ft.6in. below ground level. Sample of ground-water taken.
 B.H.4 Ground-water was first encountered at depth of 14ft. below ground level. Sample of ground-water taken.
 † Full penetration of sampler not attained.

ALMONDSBURY RESERVOIR

Soils No:

S/3407

FIG. 4



ST 58 SE/15-19

RECORD OF TRIAL PIT NO. 1

Ground level : + 257.7ft. O.D. (78.54m) Size of pit : 6ft. x 4ft.

Daily Progress	Samples		Change of Strata			Description of Strata
	Depth	Type	Legend	Depth	O.D. Level	
				2'0" (0.61m)	+255.7	TOPSOIL
19.11.62.				4'0" (1.22m)	+253.7	Hard grey-brown sandy MUDSTONE
20.11.62.				4'9" (1.45m)	+252.9	Stiff grey sandy CLAY
	6'6" - 8'0"	U(4)		8'0" (2.44m)	+249.7	Firm to stiff grey-brown silty CLAY
21.11.62.	9'0" - 10'0"	BD		10'0" (3.05m)	+247.7	Very stiff to hard mottled brown, grey and green calcareous CLAY

RECORD OF TRIAL PIT NO. _____

Ground level : Size of pit :

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Key to type of sample :
U (4) — 4 in. dia. undisturbed sample.
U (1 1/2) — 1 1/2 in. dia. " "
D — disturbed sample. " "
BD — bulk disturbed sample.
W — water sample.
S () — standard penetration test.
C () — dynamic cone penetration test.
 No. in brackets gives
 No. of blows/12 in. penetration.

Remarks : (Observations on ground-water, etc.)
 Ground-water was first encountered at depth of 6ft.6in.
 Sample of ground-water taken.

ALMONDSBURY RESERVOIR

Soils No:
S/2407

FIG. 5



GEOLOGICAL SURVEY OF GREAT BRITAIN
RECORD OF SHAFT OR BORE FOR MINERALS

(For Survey use only)

6-inch Map Registered No.

Name of Shaft or Bore given by Geological Survey:

Amundsbury Beamor No. 3

ST 58 SE 17

Name and Number given by owner:

Nat. Grid Reference

5894.8106

For whom made

Town or Village *Amundsbury* County *Ches.*

Exact site

Attach a tracing from a map, or a sketch-map, if possible.

1" N.S. Map No.

250

1" O.S. Map No.

Confidential or not

Purpose for which made *trial*

Ground Level at shaft bore relative to O.D. If not ground level give O.D. of beginning of shaft bore

Made by *Bristol Waterworks Co.*

Date of sinking

1865

Information from

Date received

Examined by

SPECIMEN NUMBERS AND ADDITIONAL NOTES

BOREHOLE NO. 3. ST 58 SE 17

(For Str)	GB CLAS	U (A) D	Depth	Description	PTH	IN.
2'-0" - 3'-6"		U (A) D		Soft grey-brown CLAY with mudstone fragments.		
3'-6" - 6'-2"		C (50)	11'-0" (3.35m)	Hard brown SANDSTONE.		
6'-2" - 9'-0"		D	12'-0" (3.66m)	Hard laminated grey-blue CLAY.		
9'-0" - 16'-2"		C (50)	18'-0" (5.49m)	Hard grey MUDSTONE.		
16'-2" - 15'-2"		D	19'-0" (5.79m)	Hard laminated grey-green MUDSTONE.		
15'-2" - 13'-0"		C (50)	17'-0" (5.18m)			
13'-0" - 16'-2"		D	17'-0" (5.18m)			
16'-2" - 17'-0"		C (50)				

