

Appendix D

BGS BOREHOLE RECORDS (BGS, 2019)

Bridford/Caly

Geol. Dept. Cardiff.

ST07SW/1 and 2

Ref. Nos 1 & 2

2 1/2 inch sheet. ST/07

Bore No. 7
 At Cowling
 For Glamorgan County Council
 Bored by Pre-Planning Surveys Ltd.
 Purpose: Site exploration
 Surface Level above O.D.
 Standing water level below top.
 Yield.

RECORD OF BORE OR FIT

Date 1959

GEOLOGICAL NOTES	ORIGINAL DESCRIPTION.	Thickness		Depth.	
		Ft.	In.	Ft.	In.
ST07SW/1 0004.7468	Pier 9 - B.S.L. 91				
①	Yellow, s. gr. & cl.	19	0	19	0
	Rockhead sandy clay & siltstone	41	0	60	0
	Ind. at weathered base s. & gr.	39	0	99	0
	Rock				
ST07SW/2 0007.7465	Pier 10C S.L. 97				
②	cl. cl. & stone of siltstone	56	0	56	0
	Rockhead	2	6	58	6
	Proveia - "compact" argillaceous limestone	2	0	60	6
	[see also SS97/2-5]				

ST07SW/3

3

*

GEOLOGY DEPT. CARDIFF.

0194.7168

Ref. No: 3/ST/07

Departmental Bore No: 7

2 1/2 inch sheet. ST/07

Title of Bore: St. Hilary No.1.

British Geological Survey

Date begun: 23/5/63

Date completed: 14/6/63

Surface Level above O.D: 45 ft. 13.6"

6-inch sheet.

0194.45 S.E.

Notes: Made to obtain complete section of Rhaetic.
 Bore located under bridge just north of St. Hilary Church Sta.

FORMATION	STRATA	Thickness		Depth	
		Ft.	In.	Ft.	In.
	Ballant	1	0	1	0
Lias	Shelly Limestone, massive L. pertingus (lost) Ostrea liasica Specimens: S.G.S. L13-42 Recovery 6'5" (1.95m)	0.30		1.30	
	Up. Rhaetic (Paper Shales, (Paris and Shales) Helicotoma fallax Specimens: S.G.S. R1-12 Recovery: 1'8" (0.57m)	7	2	8	2
	Sandstones & Sandy Colites. Specimens: S.G.S. R13-63 Recovery: 11'9" (3.58m)	2.1		2.49	
	Cavities at: 14'3" Lost water 21'6"	4	10	13	0
L. Rhaetic	"Slumped" Sandstones and Black Siltstones. Specimens: S.G.S. R64-149 Recovery: 13'1" (3.99m)	1.47		3.96	
	Poor Recovery between 35' & 40'	13	0	26	0
	Sandstones & Black Siltstones Specimens: S.G.S. R150-219 Recovery: 9'7" (2.91m)	3.96		7.92	
	47'9" (Lost water returned on 55'6" (drilling casing down to 51')	19	3	45	3
	Keuper	5.87		58	0
	Black Limestones with Shales Specimens: S.G.S. 220-232 & 236-331 67'3" Hit water - rock to over 15 ft. above surface. Pulled out water lost.	12	9	58	0
		3.89		17.68	
		17	1	75	1
		5.21		22.89	

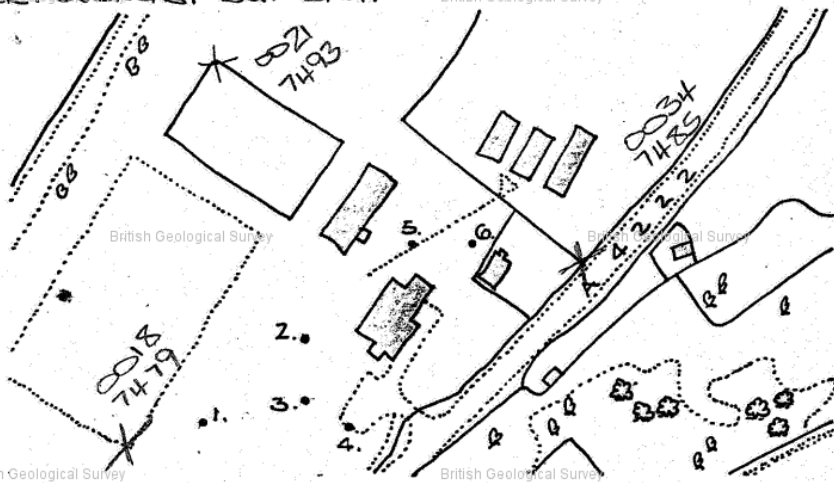
PLEASE NOTE CLASSIFIED LOG OVERLEAF.
 foynes. 22.2.73

COWBRIDGE HIGH SCHOOL FOR GIRLS.

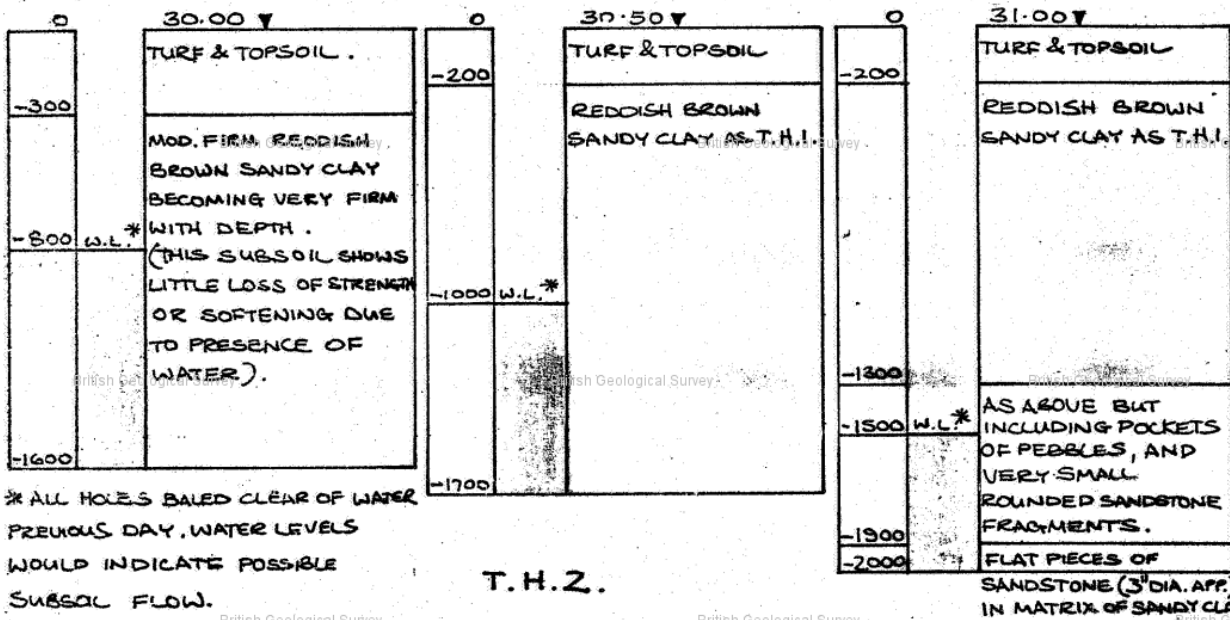
INSPECTED 20.12.72 BY L.C. THOMPSON.

WEATHER OVERCAST BUT DRY.

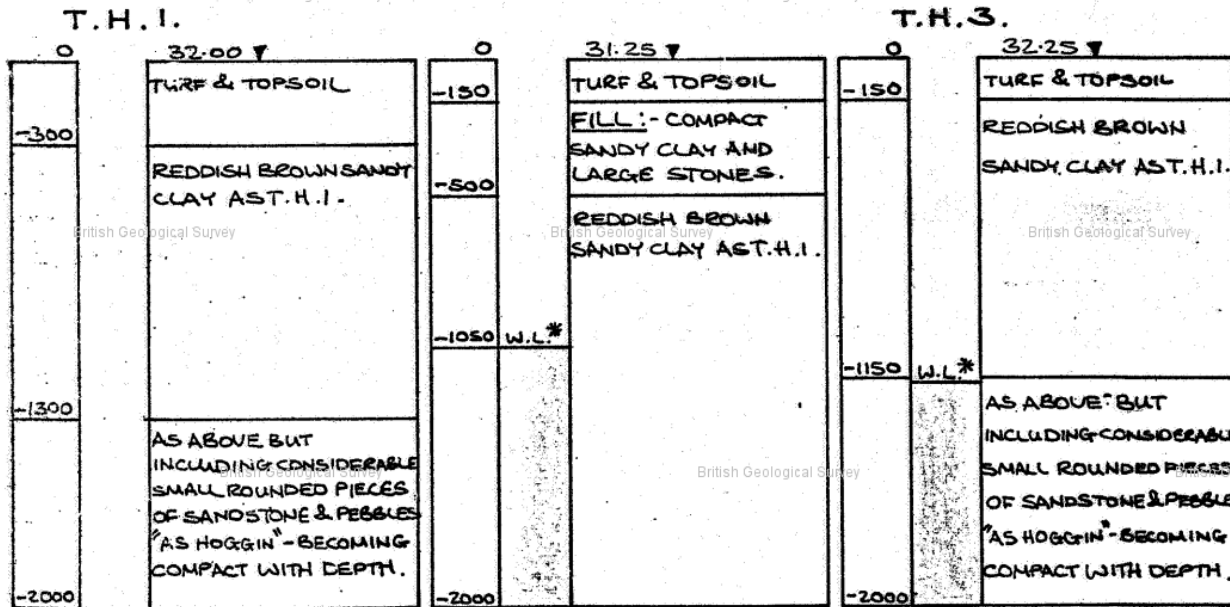
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PLAN SHOWING TRIAL HOLE POSITIONS.



T.H.2.



T.H.4.

T.H.5.

T.H.6.

NOTE: READ IN CONJUNCTION WITH DRG. NO SB383. (SURVEY)

SK. N° SE/TH/134