

# West Winch Housing Access Road

# **Environmental Statement Chapter** 11: Water: Appendix C BGS Logs

Author: Geological Survey and Museum

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# 1 Introduction

1.1.1 This document contains details of historical borehole logs in the vicinity of the West Winch Housing Access Road extracted from the British Geological Survey Geology of Britain Viewer. If you require this document in a more accessible format please contact <a href="westwinchhar@norfolk.gov.uk">westwinchhar@norfolk.gov.uk</a>.

LONDON. S.W.7.

received

28.7.49

GEOLOGICAL SUBVEY AND MUSEUM,
SOUTH KENSINGTON,

LONDON. S.W.7.

ence File No.

145

on 1" Map

on 6" Map

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GEOLOGICAL	NATURE OF STRATA (Continued)	THICE	(NESS	DEP			
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Data Bank

British Geological Survey

W. Lincolne Sutton, F.R. I.C.,

447945 TF 61/7

Norfolk & Suffolk County Laboratories, Clement Court,

Bedwell Street,
Norwich.

5th October, 1948

No.122803

Book ZZ

British Geological Survey

British Geological Survey

British Geological Survey

#### CARTIFICATE OF ANALYSIS OF WATER

Sample raceived from: mark or Seal:

Mr. T. W. Garner, North Runcton.
"Scheme 617, Home Yard: ex well after treatment 4.10.48."

Appearance when received:

British Geological Survey

Grains per Gallon/Possession

Total Solids in Solution ..

Free and Saline Ammonia .. .

trace

Albuminoid Ammonia ..

.005

Combined Chloring in the Chicago

1.9

\_-,

Nitrogen as Nitrates . . . . . . . . nil

nil

Oxygen absorbed from Permanganate .. ..

British Geologica Survey

British Geological Surve

- Permanent . .

Bacteriological Results: -

Colonies per ml. on agar at 37° C.

Bacillus Coliform: -

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Present in .. .. .. .. ..

Absent in .....

Physical Characters .. .. .. ..

Slight rusty sediment

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#### REMARKS

Opinion: This is a good water, quite fit for drinking and dairy purposes.

(sgd) W. Lincolne Sutton.

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TF61 NW/302 6381.1710

Rof. No. LJ 18

1" 145

BORING RECORD

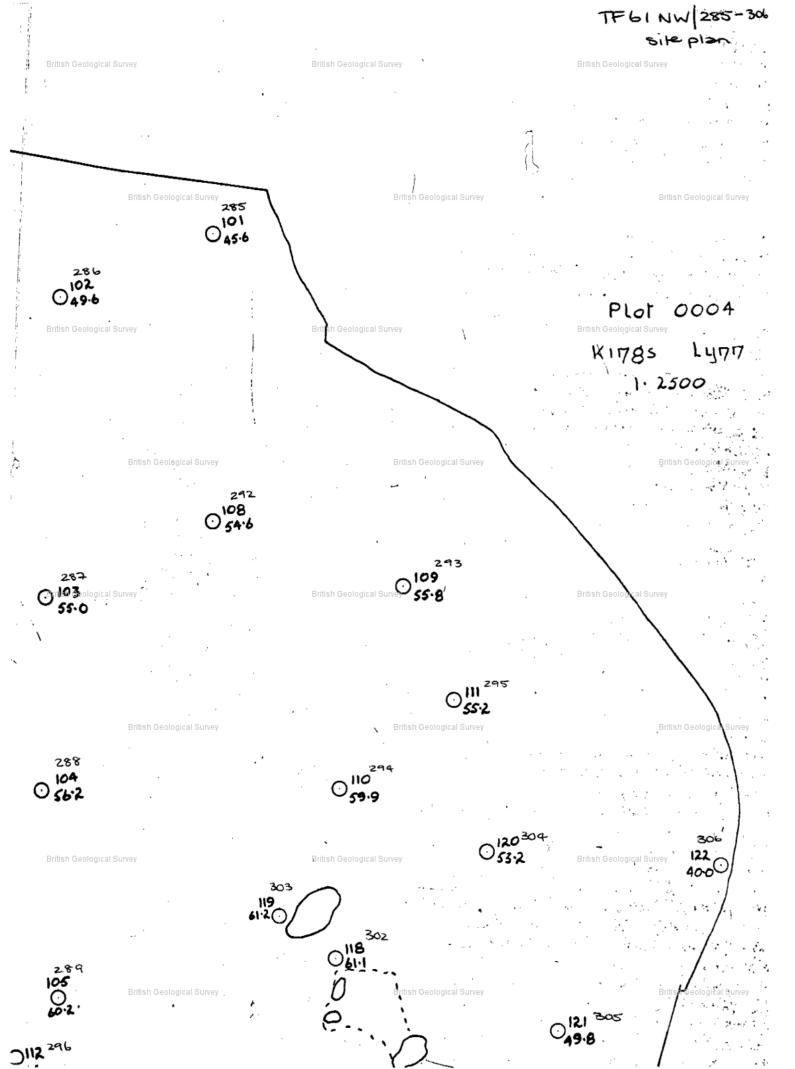
TECHNICAL SERVICES DEPARTMENT W. & C. French (Construction) Ltd 01-504 4444

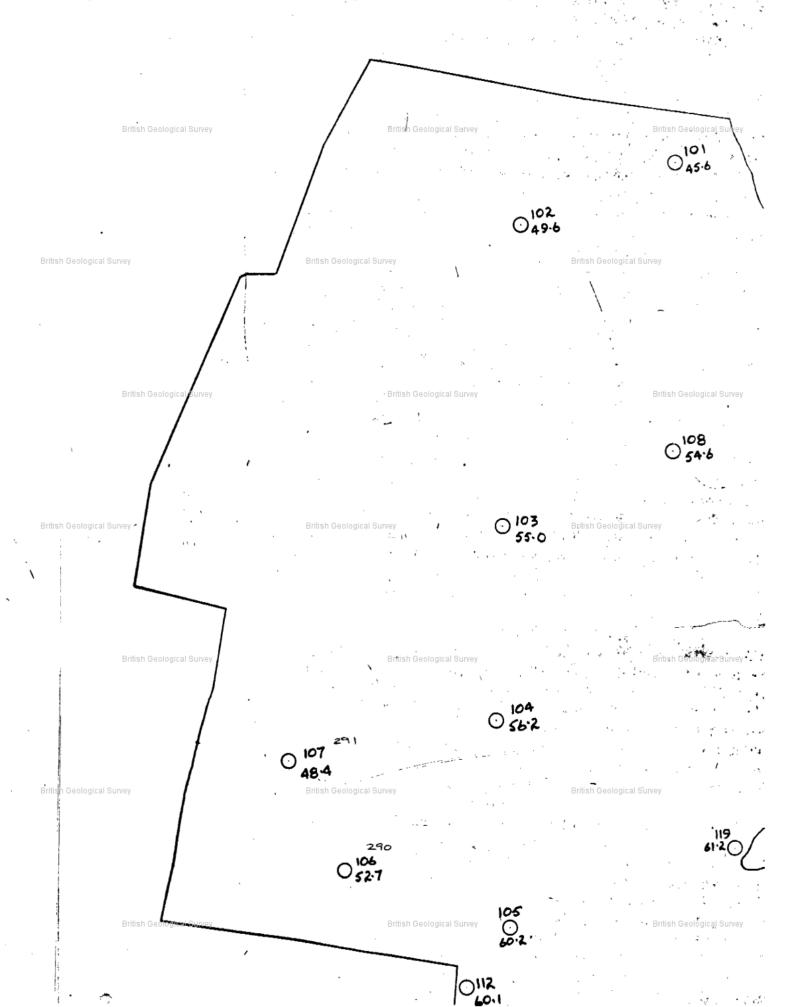
Location Kings Lung Client Ground Level

Diameter of Boring S

Borehole No. 113 Date 1st - 2nd May 1972. Depth of Lining Tubes 3041.

4	Ground Level	Diamo	ter of B	oring	Sig		Dopti	h of Lining Tubos 301
	British Geological Su <b>Description</b>	D Level		Sam- ple	Depth	Thick- ness	S.P. or Vano Test	Depth to Watersurvey below ground level
Balldes, Clay	Topsoil Soft brown very sandy CLAY Ivey British Geo  Stiff Light brown & light grey silty CLAY with chalk sand & fine need & coarse chalk flint & ironstone gravel British Geological Survey	logical Sur		0 0 4 4 5 5	O 1'- 9"	1-0-9		sh Geological Survey
British Geological &	Shiff dark grey CLAY with chalk sand & fine med & coarse chalk, flint & translage dravel	ological S	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7	16'- 0'	1-0"	Butti	sh Geological Survey  British Geological Survey
Now CZ Ballysh Geologica S	SANDSTOILE  Crey-Green very somely CLAY  uvey (somple 50ft)  British and	ological au		10	9-0 1-0 P	2'-0" 2'-0" ene- rates	Britis	Seepage  Water rising to  24-0" in lowing  Noter at 22-0"  British Geological Survey
	Scale: I Tube Sar O Disturbed	nple I Samp	N Stan	dard P Vane	enetra Fest (s	tion Te hear st	st 🛆	Water Sample Fig. No.







### BOREHOLE LOG

COREHOLE No. 46 FOREHOLE DIAMETER British Geological Survey

WATER STRUCK AT 5'0" (1.52m)

Sheet 2 of 3

TF/678W/17 SITE: Norwich

British George 379. 1442.

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Dave	BOULTS OF DELLH	079711 07 018110	TO WATER		STRATA DES	CRIPTION			DEPTH	O.D. LEVEL	LEVEL	NUMEER OF PLOWS		
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_	3'0"	NIL	VZT		6' senm				(0:91m) 3'0"	(4:57m) 15.0	3'0"		д П	
			5'0" STRIKE	SAND with	y siriey, bi	rown F.	.i. sil	Jky			to 4'6" 4'0"		8 11	V
			STRÍKE	to orange	e brown .	steeply	y grade	6a						-
- Calling G	B'O"	8'0"	7'0"	medium so	Sand)	middle	01 5	dratum.		Delicals G				
British G	10'0"	1010"	810"		Aritish Genopo	i.Survey				British G	100001614m + to- 91611	<sup>ey</sup> <b>7</b>	χo	, ]
3.70	10*0"	10'0"	610"							·····			] ::	
			. !						(3-96m)		.,			:
	13'6"	13'0"	10'0"	SILT	A-V ,;				13'0"	5.0	12168	:		
		British Geolo	ggic <b>sfalfd</b>	Firm gre	ey with a	es of so	drgamie			. , , ,	13'6" to 15'0"	British Geold	agical Šurve	эу
	17'6"	17'0"	POIST	matter. V	ery sir.	lluvi	m)				1716"	· · ·		
*			1 1								19'0"		: [] :	
	21'0"	21'0"	KOIST											
British G	seological Sur	rey	1:		- Ortish Geologii	dat Burvey				- British C	21'0" eolog <b>k9</b> l Sulv -22'6"	vey		. ]
	2476"	24'0"	Holist											
\	24.0		, ,			d of ha		k	(8-0m)	(=2:5t=)	24'6" to 26'0"		Π-	
			STRIKE	STLTY-FIN				····	26'3"	-8.25°			<b>.</b> 6	
· .	2810"	2810"	1	Grey fin	iely lami	inated		races			2810"		m.	
7.3.70	30'0"	30104	ogical Survey 15°0"	of peat.		British	Geological.	urvey	10.4			British Geolo	gical Shrvey	y
8.3.70	3010"	30'0" 31'6"	12'0"						(9:45m) 31'0"	(-3-96m) -13.0				
				SILT FIN		rv occ	22107				31'6" to		Π:	. [
		.		fine grav	rel size	I OHALL	and-s	hells			33'0"		لــا	-
			1	Stratific	d in pl	ces wi	th-th:	n	(10-97m)	\\				
British 6	eological Surv 3710#	vey 37'0"	15*0"	CITTOUT TO S	v vennini				36'0"	718.0s	eological Surv	/ey		
Ī	37.0	37.0	15.0	Soft to f	irm, erb					-5-41	37'0"		П	-
			4	with many sand and	Laminat	cions o	f fine				38'6"			L
		.	:	bands of gre	ehish g									
.	42'0"	42'0"		(Glacial		osit)				7	42'0"		هم ا	
	. 1	British Gedlo	ogical Surve			Bwitish	GeologicalS	urvey		- :	43'6"	British Gedlo	gical Surve	
3.3.70	45'0"	42'0"	15'0"	710	20 30		5.0		0 7/0 (10K T)	, ह	, 90	100	2711	1

SITE: Norwich TF/6/SW/17-

COREHOLE No. 46 BOREHOLE DIAMETER

British Geological Survey 611

WATER STRUCK AT SAMPLE DETAILS PEC19 DEFTH DEPTH DEFTH STRATA DESCRIPTION LEVEL DATE CP LEVEL OF WATER | 4510" CLOWS BCHILD C'.SI"G 4210" 45'0" 9.3.70 SILTY CLAY/SAND. 15'0" 42101 Soft to firm, geerlish grey willy 4710" 4710" clay with many laminations of fine to 4316H 15'0" sand and silt. Stratified with bands 4210" 4816" greenish grdy silty fine to 15'd" 4210" 50'0" 50!0". sand. to·· (Glacial lake deposit) .... 15'0" 5116" 51'6" 42'0" (16-15m) 5210" I to-51 9.3.70 5310" BIL 410" .5310" 5310" -35.0 FIRAL 2. ... .....Erd of Eprehol LEVEL . - -----. . . . . . . . . . . ... . ----..,---------. . . . . . . .... ..... . . . . . . . . . ---. . . . . . ..... .. - . ..... . . . . . . . .... ..... ...... ---logical.Su .... ..... . . . . . . . . . ......... . . . . . -. . . . \*\* \* \* ...... .... -- 1---.... ... . . . ----Britis Geological . . . . . . . . .... . . . . . . . . . . . . . . . . . . .. - . . . cnay . . . . . . . . . . .... . .... .... .. .. . .. . .. . .... .... . ---, ... **.** .. . . . . . . . . . . .

SOULAR 5 FELT TO 1 THOM UNDISTURBED SAMPLES D

NO RECOVERY OF SAMPLE O NR

DISTURBED SAMPLES O

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WATER SAMPLES V . BULK SAMPLE C

COR THREE

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urvey....

. . - .

. ....

S. P. TESTS X

#### GEOLOGICAL SURVEY AND MUSEUM, Exhibition Road, South Kensington, London, S.W.7.

Date 6th July 1966

Mile S. A. Lucas.

British G MEMORANDUM

R. Crallore

British Geological Survey

presentation Geological Survey CEGB

British Geological Survey

The core specimens presented by CEGB (around kings hymn, etc.) have now been registered 2m 9449-9522.

British Geological Survey