

Borehole record form



British
Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL



Environment
Agency

Water Resources Act 1991 (as amended by the Water Act 2003)

A Site details

Borehole drilled for Littleworth Properties Ltd
 Location Sandgate Nurseries, West End Lane, Henfield, West Sussex, BN5 9UL
 NGR (ten digits) TQ 20409 16086 Please attach site plan
 Ground level (if known) 20 metres Above Ordnance Datum
 Drilling company OT Drilling Ltd
 Date drilling commenced 22/07/2024 (DD/MM/YYYY) Completed 05/08/2024 (DD/MM/YYYY)

B Construction details

Borehole datum (if not ground level) GL metres (m). Please tick if this is above ☐ or below ☐ ground level.
 (point from which all measurements of depth are taken, for example, flange, edge of chamber)

Borehole drilled diameter 200 mm from 0 to 55 m/depth
 mm from to m/depth
 mm from to m/depth
 mm from to m/depth

Casing material Mild Steel diameter 219 mm from +0.3 to 18.0 m/depth
 and type (for example, if plain steel, plastic slotted). Please record permanent casing details, not temporary casing.

Casing material UPVC Plain diameter 125 mm from +0.3 to 24.0 m/depth

Casing material UPVC Slotted 0.3mm diameter 125 mm from 24.0 to 52.5 m/depth

Casing material diameter mm from to m/depth

Grouting details 10mm gravel placed in annulus around screen Bentonite pellet grout placed 20-16m

Water struck at 1. 18.0 m (depth below datum – mbd) 2. m (mbd)
 3. m (mbd) 4. m (mbd)

C Test pumping summary (Please supply full details on form WR39)

Test pumping datum GL m. Please tick if this is above ☒ or below ☐ ground level.
 (if different from borehole datum)

Pump suction depth 42 mbd

Water level (start of test) 4.9 mbd

Water level (end of test) 4.9 mbd

Type of test (for example, bailer, step, constant rate)
constant

Pumping rate 5.4 m³/hour ☒ or litres/second ☐. Please tick as appropriate.
 for days, 2 hours, mins

Recovery to 4.9 mbd in days, hours, 0 mins
 (from end of pumping)

Date(s) of measurements Pump started 05/08/2024 (DD/MM/YYYY)

Pump stopped 05/08/2024 (DD/MM/YYYY)

Please supply chemical analysis if available. If you have included this please tick this box ☐

D Strata log

Geological classification (BGS only)	Description of strata	Thickness m	Depth (to base of strata) m
	Topsoil	0.3	0.3
	Brown sandy CLAY	3.7	4.0
	Angular GRAVEL	0.5	4.5
	Hard Blue CLAY (Sandgate)	13.5	18.0
	Grey SANDSTONE with thin interbedded LIMESTONE horizons (Hythe)	37.0	55.0
	END BH		55.0
	(continue on separate page if necessary)		
	Other comments (for example, gas encountered, saline water intercepted)		

E Completing this form

How long did it take you to fill in this form? _____

For Official use only

Date received (DD/MM/YYYY)

File

Consent number

BGS reference number

Accession number

Wellmaster number

SOBI number

NGR

LIC NO

Purpose

EA reference number

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