



3rd March 2014
Our Ref: 14.7982

Mark Coates
Housing Project Development Officer,
Arun District Council
Arun Civic Centre,
Maltravers Road,
Littlehampton, BN17 5LF

RE: Soil Infiltration Testing- Arun District Council

Dear Mark,

I write following the completion of additional soil infiltration investigation undertaken on the 27th and 28th February 2014 at four locations within the residential area of Wick, Littlehampton. The works have been carried out to assist with assessment of the soil soakage potential for each location in respect to the proposed planning applications for the area.

The letter report follows on from the previous soil infiltration works carried in February 2014 (ref: lett/13.7841/Soil Infiltration Testing/13th Feb '14) that included the completion of testing within deep machine excavated trial pits. The results from this testing proved the soils at depths of the order of 2.50mbgl (meters below ground level) having general 'poor' soil soakage characteristics. As a result further testing was requested by the client within shallower trial pits at nominal 0.45m and 1.20mbgl to examine the potential for alternative drainage designs.

Site Status

As described in the previous letter (referenced above) the five proposed redevelopments are located within the residential area of Wick in Littlehampton. These areas are currently occupied by a mixture of hardstanding/grass verges and largely utilised for car parking area by the local residents. Four of the five sites are located along the northern boundary of the housing area and parallel to the A259 to the north. These

sites are referred to as Joyce Close, Land west of Joyce Close, Greenfields and Land West of Greenfields. The fifth site is located to the south within White Acre Road and referenced as Clun Road, however Constructive Evaluation has subsequently been instructed that no further assessment was required at this location.

Investigation Works

The soil infiltration testing was carried out within hand excavated trial pits of approximately 0.45m x 0.45m size at depths of 0.45m and 1.20mbgl (approximately). Thus an additional two trial pits, referenced A and B, were carried out at each of the four sites, i.e. one at 0.45mbgl and one nearer 1.20mbgl respectively. It was requested by the client that the trial holes were located away from hardstanding areas where possible and sited on grass verge locations, but also not too closer to where the previous trial pit tests had been completed.

Prior to any excavations taking place a CAT (Cable Avoidance Tool) was used to check for any underlying electrical services. In addition the service plans provided to CE were consulted prior to commencing works.

Testing was completed in accordance with the methods described in BRE Digest 365 and after trimming and shaping the trial pit sides the pit were rapidly filled with clean potable water from a water bowser.

The result sheets are enclosed showing the fall in water level with time for locations TP1A and TP1B to TP4A and TP4B.

Geology and Ground Conditions

The relevant 1:50,000 British Geological Survey (BGS) Map 317/337 (Chichester and Bognor) indicates the site to be underlain by Brickearth overlying the Upper Chalk deposits of the Cretaceous.

- **Brickearth** – The composition of this unit is commonly determined by the formation on which it rests and the formation of the unit is controlled either by solifluction, flood deposits or as wind-blown loess. As a result the unit is comprised largely as an unstratified mixture of fine-grained sand or flint with clay.
- **Upper Chalk** - The upper Chalk of the Cretaceous Period consists mainly of soft, smooth, white massively bedded Chalk with flint nodules generally lying within distinct beds; thin beds of tabular flint and marl also occur.

Ground Conditions

A veneer of Topsoil over Made Ground soils was identified in all locations and considered to be as a result of the landscaping and previous site development. The Made Ground soils were generally described as brown silty slightly gravelly Clay. The gravel fractions comprised of flint with occasional to frequent fragments of brick and concrete. These deposits were generally found to similar depths between 0.15m and 0.60m depth. Subsequently the shallower tests (nominal 0.45mbgl) were largely completed within these variable deposits.

Beneath the latter Made Ground soils the underlying natural deposits were similar to those described in the previous reports as light brown silty slightly sandy (loamy) Clay. Subsequently the deeper tests (nominal 1.20mbgl) were largely completed within these soils across the sites.

No groundwater was encountered within any of the trial pits completed during this phase of works.

Please find enclosed full log details along with the site plan showing the test locations (superimposed on the previous hole location plan).

Results

Detailed readings from the testing are again enclosed for each trial pit. The subsequent infiltration results are then summarised in the table below:-

Trial Pit	Depth (mbgl)	Infiltration Rate (m/s)	Comments
TP1A	0.60	1.2×10^{-5}	Only one test completed within time to 25% fill depth
TP1B	1.20	4.6×10^{-5}	This is result from third test completed to 25% fill depth
TP2A	0.45	N/A	Water level fell to only 47% fill depth after 135 mins.
TP2B	1.20	1.3×10^{-5}	Only one test completed within time to 25% fill depth
TP3A	0.45	N/A	Water level fell to only 84% fill depth after 425mins
TP3B	1.15	N/A	Water level fell to only 44% fill depth after 435mins. Calculated Infiltration Rate within this test from <u>75% to 50%</u> fill depth equal to 2.4×10^{-6} m/s
TP4A	0.45	N/A	Water level fell to only 96% fill depth after 371mins
TP4B	1.15	N/A	Water levels fell to only 43% and 39% within the time for the two tests. Calculated Infiltration Rates from <u>75% to 50%</u> fill depths for first and second tests equal to 6.9×10^{-6} and 6.5×10^{-6} m/s respectively.

The results have shown that improved soils infiltrations rates have been observed within these more shallow tests compared to those carried out within the previous deeper (nominal 2.50m depth) trial pits.

Improvements were seen largely within the upper natural soils to nominal 1.20mbgl depth compared to the shallower tests generally within Topsoil and Made Ground soils to a depth of 0.45mbgl.

Again (as in the previous infiltration testing) the best results were seen towards the east of the housing area at the Joyce Close site where ‘good’ soil infiltrations to 1.20m depth were recorded (TP1B).

Subsequently it was possible to repeat the test within TP1B for second and third time with a final infiltration rate of 4.6×10^{-5} m/s calculated.

Within TP2B to the west of Joyce Close a lower infiltration rate of 1.3×10^{-5} m/s was recorded for the single test completed.

However, within the Greenfields and Land west of Greensfields sites, again further to the west, further slower infiltrations were observed at 1.20m depth. At these sites it was not possible for the water to fall below the 25% fill depth (within the BRE guidance) in TP3B and TP4B within the time available and as such only fall levels to between 39% and 44% were recorded.

In conclusion at shallow levels the superficial natural soils have shown improved soil infiltration characteristics, however this ability is seen to vary across the site.

Kind Regards,

Constructive Evaluation Limited

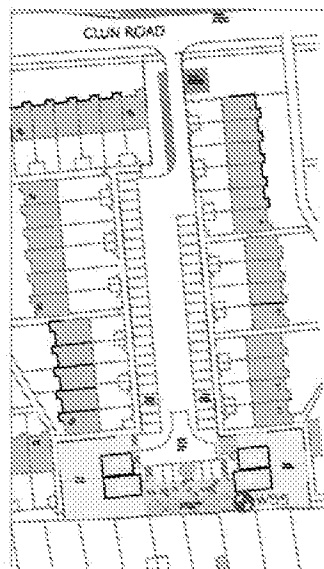
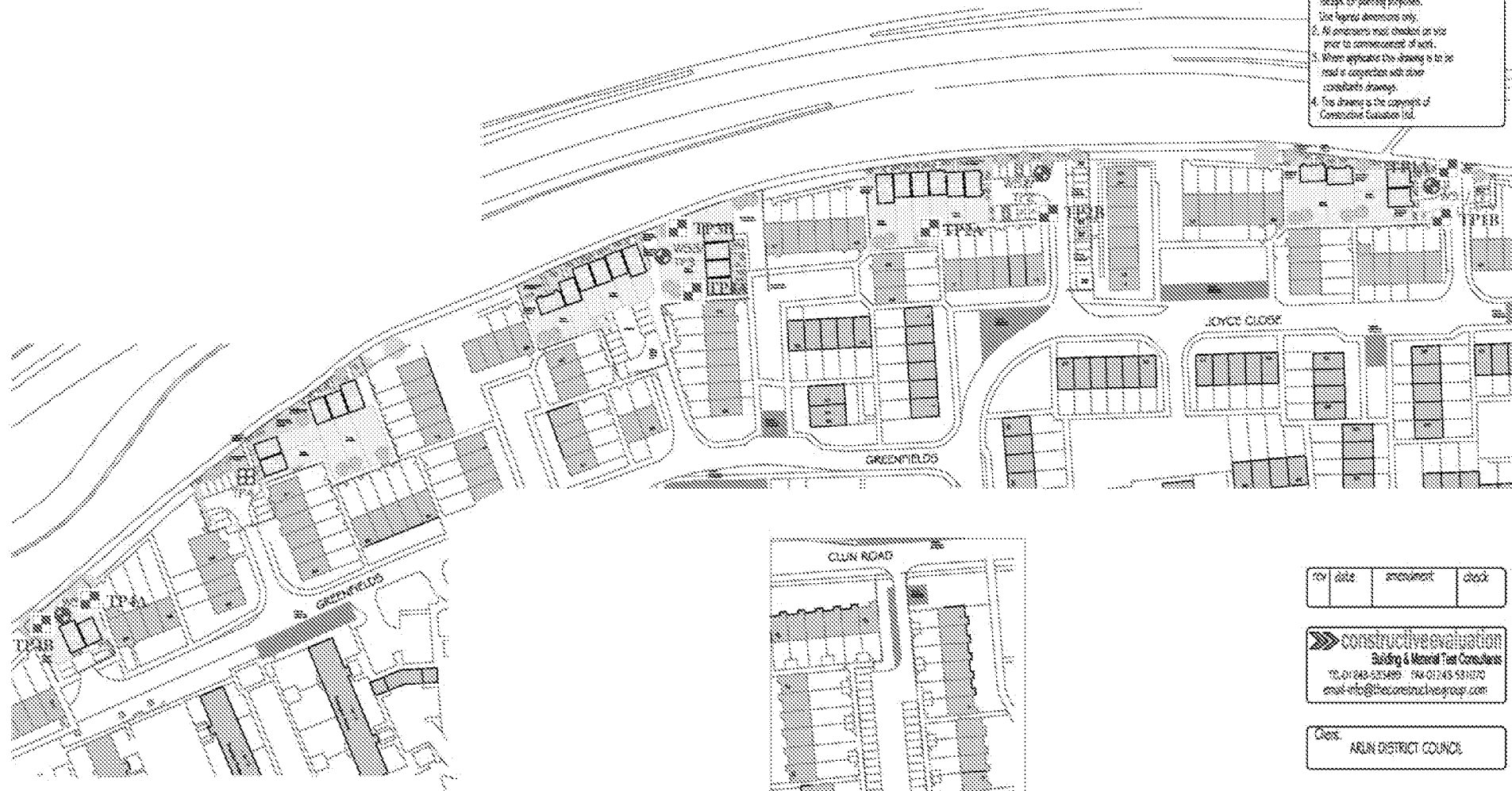
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Dave Crellin MSc BSc, FGS
Engineering Geologist

Enclosed:

- Exploratory Hole Plan
- Soil Logs
- Infiltration Test Readings
- Investigation Images

NOTES

1. Do not scale from this drawing except for planning purposes. Use figure dimensions only.
2. All dimensions must be checked on site prior to commencement of work.
3. When applicable this drawing is to be read in conjunction with other construction drawings.
4. This drawing is the copyright of Constructive Evaluation Ltd.



rev	date	amendment	check

Constructive Evaluation
 Building & Material Test Consultants
 Tel: 01243 523489 Fax: 01243 531170
 email: info@theconstructivegroup.com

Client:
 ARLIN DISTRICT COUNCIL

Project:
 WICK ESTATE, LITTLEHAMPTON

Drawing:
 TEST LOCATION PLAN

Scale:
 NTS

Date: FEB 13 | Drawn: D.Y. | checked:
 drawing number 14.7982 | revision:



Project Name

Percolation Testing Arun District Council

Project No.

13.7841

Co-ords: -

Level: -

Date

27/02/2014

Location: Wick, Littlehampton

Dimensions: 0.40m

Depth

1.20m

0.40m

Scale

1:25

Logged By

DC

Client: Hastoe Housing Association

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
Depth (m)	Type	Results					
			0.15			MADE GROUND: Dark brown silty Clay with occasional fine to coarse gravel of flint (Topsoil).	
						MADE GROUND: Light brown / orange brown slightly sandy silty Clay. Occasional fine flint gravels and chalk clasts up to cobble sized.	
			0.56			Light brown / orange brown slightly sandy silty Clay. Occasional fine flint gravels and chalk clasts up to cobble sized.	
			1.20			Trialpit Complete at 1.20 m	
							1
							2
							3
							4

Remarks: Kerb level 100mm

Groundwater: None



Date
27/02/2014

Scale
1:25

0.50m

Logged By
DC

-4

Groundwater: None



ARUN DISTRICT COUNCIL LU/222/14/PL

Project Name

Percolation Testing Arun District Council

Project No.

13.7841

Co-ords: -

Level: -

Date

27/02/2014

Location: Wick, Littlehampton

Dimensions: 0.45m

Scale

1:25

Client: Hastoe Housing Association

Depth

0.45m

0.45m

 Logged By
DC

Samples & In Situ Testing

Depth (m)	Type	Results	Depth (m)	Level (m AOD)	Legend	Stratum Description
			0.20			MADE GROUND: Dark brown slightly gravelly slightly sandy silty. Sand is fine to coarse. Gravel is subangular fine to coarse sized flint, brick and concrete. Occasional cobbles of brick and concrete.
			0.45			MADE GROUND: (soft) light brown silty slightly sandy Clay. Sand is fine to coarse. Occasional fine to coarse gravel of chalk and rare plastic (Topsoil).
						Trialpit Complete at 0.45 m

Remarks:

Groundwater: None



Project Name

Percolation Testing Arun District Council

Project No.

13.7841

Co-ords: -

Level: -

Date

27/02/2014

Location: Wick, Littlehampton

Dimensions: 0.45m

Depth

1.20m

0.40m

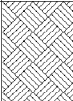
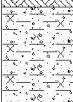
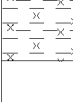
Scale

1:25

Logged By

DC

Client: Hastoe Housing Association

Samples & In Situ Testing			Depth (m)	Level (m AOD)	Legend	Stratum Description	
Depth (m)	Type	Results					
			0.35			MADE GROUND: (soft) light brown silty slightly sandy Clay. Sand is fine to coarse. Occasional fine to coarse gravel of chalk and rare plastic (Topsoil).	
						(soft) light brown silty sandy CLAY. Sand is fine to medium.	
			0.85			(soft) light brown silty CLAY.	1
			1.20				
						Trialpit Complete at 1.20 m	
							2
							3
							4

Remarks:

Groundwater: None



PAGE 31 (11/14/2024) Standard Test (11/14/2024) 07/14/2024



Project Name

Percolation Testing Arun District Council

Project No.

13.7841

Co-ords: -

Level: -

Date

27/02/2014

Location: Wick, Littlehampton

Dimensions: 0.40m

Depth

1.15m

0.40m

Scale

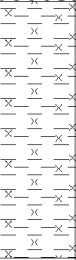
1:25

Client:

Hastoe Housing Association

Logged By
DC

Samples & In Situ Testing

Depth (m)	Type	Results	Depth (m)	Level (m AOD)	Legend	Stratum Description	
			0.30			MADE GROUND: Dark brown / brown silty slightly sandy Clay. Occasional subangular to subrounded fine to coarse gravels of brick chalk and rare flint (Topsoil).	
			1.15			Light brown silty CLAY.	1
						Trialpit Complete at 1.15 m	2
							3
							4

Remarks:

Groundwater: None



Contract Evaluation
 Selling to America's Best Contractors

Job No: 14.7982

test 1

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from75%-25%</u>	1.20163E-05
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A line graph showing the depth of an object in metres over time in minutes. The y-axis is labeled 'Depth in metres' and ranges from 0.0% to 100.0% in 10.0% increments. The x-axis is labeled 'Time in minutes' and ranges from 0.00 to 180.00 in 20.00 increments. The graph shows a curve starting at (0, 100.0%) and decreasing to approximately (155, 20.0%).

Time in minutes	Depth in metres (%)
0.00	100.0%
20.00	80.0%
40.00	65.0%
60.00	55.0%
80.00	45.0%
100.00	38.0%
120.00	32.0%
140.00	27.0%
155.00	20.0%

constructive evaluation
Building a Better Building

Trial Hole: TP1 test 1

test 1

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from75%-25%</u>	8.714E-05
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The graph shows the relationship between depth and time for a diver. The y-axis represents depth in metres (0.0% to 100.0%) and the x-axis represents time in minutes (0.00 to 40.00). The curve starts at 100% depth at 0 minutes and decreases to 0% depth at 35 minutes.

Time in minutes	Depth in metres (%)
0.00	100.0%
5.00	70.0%
10.00	50.0%
15.00	35.0%
20.00	25.0%
25.00	15.0%
30.00	10.0%
35.00	0.0%

construction
adding & deleting the structure

Trial Hole: TP1 test 2

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

<u>Infiltration Rate</u>	<u>from75%-25%</u>	0.0000625
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The graph illustrates the exponential decay of depth over time. The Y-axis represents Depth in metres as a percentage, ranging from 0.0% to 100.0% in 10.0% increments. The X-axis represents Time in minutes, ranging from 0.00 to 60.00 in 10.00-minute increments. The curve begins at (0, 100.0%) and follows an exponential decay path, passing through approximately (10, 60.0%), (20, 38.0%), (30, 23.0%), (40, 14.0%), and ending near (50, 8.0%).

Time in minutes	Depth in metres (%)
0.00	100.0
5.00	85.0
10.00	60.0
15.00	45.0
20.00	38.0
25.00	30.0
30.00	23.0
35.00	18.0
40.00	14.0
45.00	11.0
50.00	8.0

construction evaluation
adding a window that doesn't

Trial Hole: TP1

Trial Hole: TP1

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

Infiltration Rate	<u>from75%-25%</u>	4.63728E-05
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The graph shows the depth of a diver over time. The y-axis is labeled 'Depth in metres' and ranges from 0.0% to 100.0% in 10.0% increments. The x-axis is labeled 'Time in minutes' and ranges from 0.00 to 60.00 in 10.00 increments. A smooth curve starts at (0.00, 100.0%) and decreases, passing through approximately (10.00, 65.0%), (20.00, 45.0%), (30.00, 32.0%), (40.00, 22.0%), and ending at approximately (45.00, 18.0%).

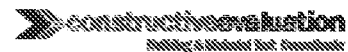
Time in minutes	Depth in metres (%)
0.00	100.0
5.00	85.0
10.00	65.0
15.00	50.0
20.00	45.0
25.00	38.0
30.00	32.0
35.00	28.0
40.00	22.0
45.00	18.0

Soakaway Test Results & Soil Infiltration Rate

Site: SK08 West of Joyce Close

Job No: 14.7982

Trial Hole: TP2a



Time in minutes	Depth in meters to water surface	Depth in metres of water	Percentage of water depth at start
0.00	0.020	0.43	100.0%
2.00	0.030	0.42	97.7%
3.00	0.040	0.41	95.3%
5.00	0.060	0.39	90.7%
8.00	0.060	0.39	90.7%
10.00	0.060	0.39	90.7%
11.00	0.060	0.39	90.7%
12.00	0.070	0.38	88.4%
13.00	0.070	0.38	88.4%
15.00	0.080	0.37	86.0%
23.00	0.090	0.36	83.7%
27.00	0.100	0.35	81.4%
33.00	0.110	0.34	79.1%
39.00	0.120	0.33	76.7%
49.00	0.130	0.32	74.4%
59.00	0.160	0.29	67.4%
69.00	0.170	0.28	65.1%
84.00	0.180	0.27	62.8%
94.00	0.200	0.25	58.1%
104.00	0.210	0.24	55.8%
114.00	0.220	0.23	53.5%
125.00	0.230	0.22	51.2%
135.00	0.240	0.21	48.8%
135.00	0.250	0.20	46.5%

WARNING DOES NOT FALL TO 25% OF START DEPTH-Refer to graph sheet for calculation

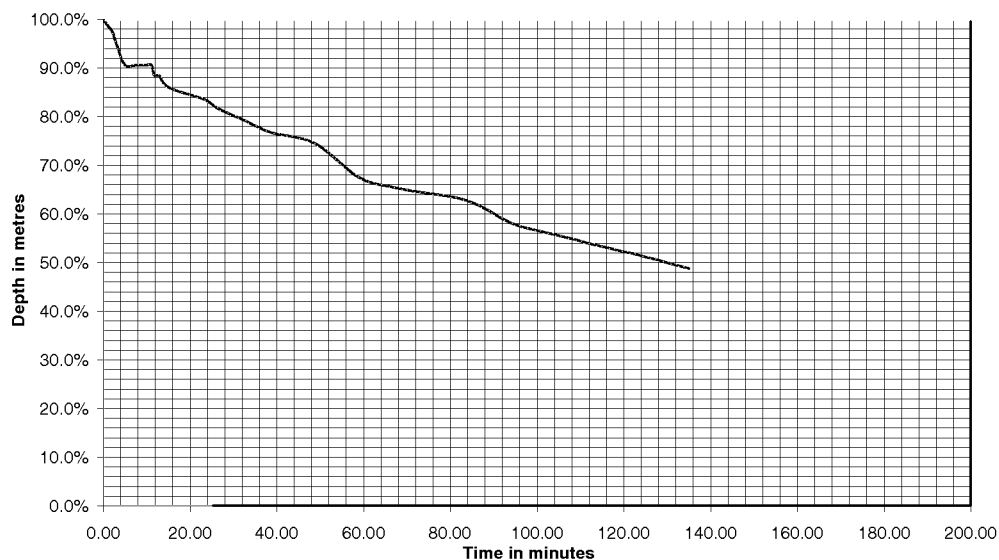
Pit Size	Time in mins
Length	0.50
Width	0.50
Depth	0.45

Infiltration Rate

from75%-25%

not valid

Permeability Graph TP2b test 1

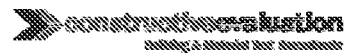


Soakaway Test Results & Soil Infiltration Rate

Site: SK08 West of Joyce Close

Job No: 14.7982

Trial Hole: TP2b



Time in minutes	Depth in meters to water surface	Depth in metres of water	Percentage of water depth at start
0.00	0.190	1.01	100.0%
1.00	0.210	0.99	98.0%
2.00	0.230	0.97	96.0%
3.00	0.240	0.96	95.0%
4.00	0.260	0.94	93.1%
5.00	0.280	0.92	91.1%
7.00	0.290	0.91	90.1%
8.00	0.300	0.90	89.1%
10.00	0.320	0.88	87.1%
15.00	0.360	0.84	83.2%
21.00	0.410	0.79	78.2%
45.00	0.550	0.65	64.4%
56.00	0.600	0.60	59.4%
60.00	0.620	0.58	57.4%
70.00	0.660	0.54	53.5%
80.00	0.700	0.50	49.5%
90.00	0.750	0.45	44.6%
102.00	0.800	0.40	39.6%
116.00	0.870	0.33	32.7%
127.00	0.920	0.28	27.7%
137.00	0.960	0.24	23.8%
147.00	1.000	0.20	19.8%
158.00	1.030	0.17	16.8%
168.00	1.060	0.14	13.9%
178.00	1.100	0.10	9.9%
188.00	1.200	0.00	0.0%
188.00	1.200	0.00	0.0%

INFILTRATION CALCULATED FROM 75%-25% WATER DEPTH RANGE

Pit Size	Time in mins
Length	0.40
Width	0.40
Depth	1.20

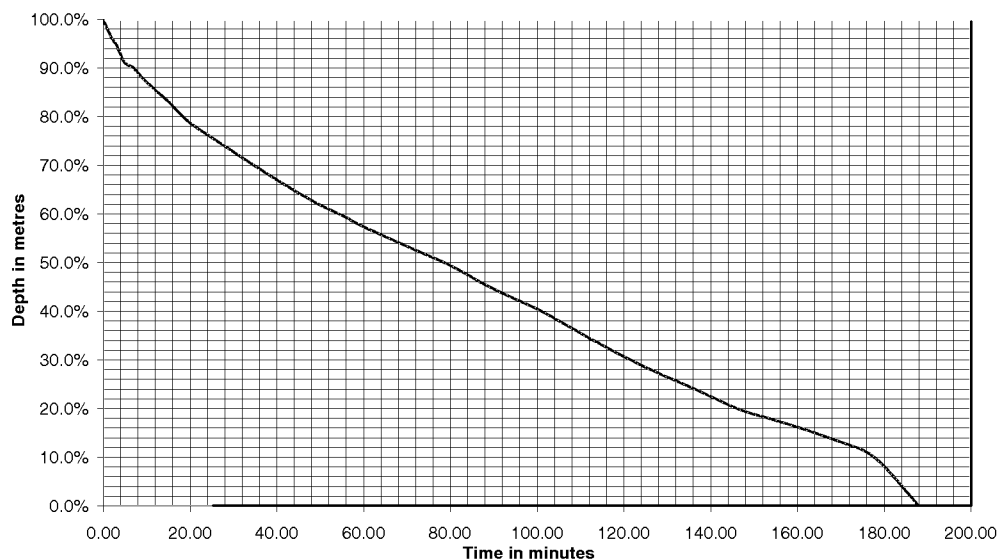
26 75%
134 25%

Infiltration Rate

from 75%-25%

1.28813E-05

Permeability Graph TP2b test 1



construction evaluation
Building & Material Test Solutions

Trial Hole: TP3a

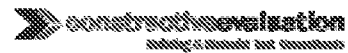
Trial Hole: TP3a

Soakaway Test Results & Soil Infiltration Rate

Site: Wick, SK07 Greenfields

Job No: 14.7982

Trial Hole: TP3b



Time in minutes	Depth in meters to water surface	Depth in metres of water	Percentage of water depth at start
0.00	0.120	1.03	100.0%
1.00	0.140	1.01	98.1%
2.00	0.150	1.00	97.1%
3.00	0.155	1.00	96.6%
4.00	0.160	0.99	96.1%
5.00	0.170	0.98	95.1%
6.00	0.177	0.97	94.5%
7.00	0.185	0.97	93.7%
8.00	0.190	0.96	93.2%
9.00	0.195	0.96	92.7%
10.00	0.200	0.95	92.2%
15.00	0.220	0.93	90.3%
20.00	0.250	0.90	87.4%
25.00	0.265	0.89	85.9%
30.00	0.280	0.87	84.5%
35.00	0.290	0.86	83.5%
45.00	0.310	0.84	81.6%
65.00	0.350	0.80	77.7%
80.00	0.380	0.77	74.8%
95.00	0.400	0.75	72.8%
124.00	0.470	0.68	66.0%
169.00	0.500	0.65	63.1%
194.00	0.520	0.63	61.2%
214.00	0.550	0.60	58.3%
238.00	0.560	0.59	57.3%
277.00	0.590	0.56	54.4%
314.00	0.620	0.53	51.5%
375.00	0.660	0.49	47.6%
416.00	0.690	0.46	44.7%
435.00	0.700	0.45	43.7%
435.00	0.700	0.45	43.7%

WARNING DOES NOT FALL TO 25% OF START DEPTH-Refer to graph sheet for calculation

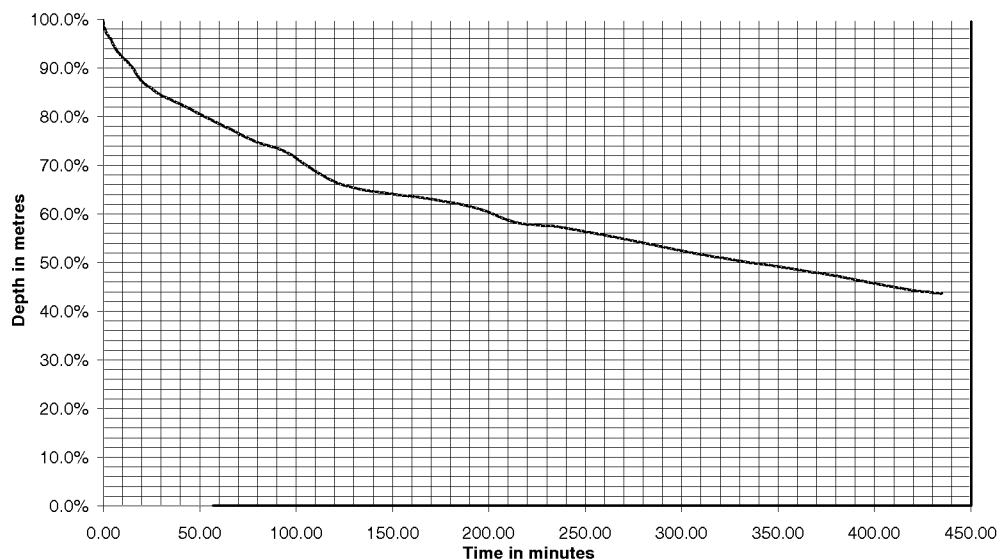
Pit Size	Time in mins
Length	0.45
Width	0.40
Depth	1.15

Infiltration Rate

from75%-25%

not valid

Permeability Graph TP3



construction solution
Building & Material Best Practices

~~CONFIDENTIAL~~

Trial Hole: TP4a

WARNING DOES NOT FALL TO 25% OF START DEPTH-Refer to graph sheet for calculation

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	not valid
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The graph displays the depth in metres over a 600-minute period. The y-axis, labeled 'Depth in metres', ranges from 0.0% to 100.0% in 10.0% increments. The x-axis, labeled 'Time in minutes', ranges from 0.00 to 600.00 in 100.00-minute increments. A single data series is plotted as a solid black line. The depth starts at 100.0% at 0 minutes and remains constant until approximately 150 minutes. After 150 minutes, the depth begins to decrease, reaching approximately 97.0% at 200 minutes, 95.0% at 250 minutes, and stabilizing at approximately 95.0% from 300 minutes to 370 minutes.

Time in minutes	Depth in metres (%)
0.00	100.0
100.00	100.0
150.00	100.0
200.00	97.0
250.00	95.0
300.00	95.0
350.00	95.0
370.00	95.0

Structural evaluation

Trial Hole: TP4b

WARNING DOES NOT FALL TO 25% OF START DEPTH-Refer to graph sheet for calculation

<u>Infiltration Rate</u>	<u>from 75%-25%</u>	not valid
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The graph shows the depth in metres over time for a 100m depth. The y-axis is labeled 'Depth in metres' and ranges from 0.0% to 100.0% in 10.0% increments. The x-axis is labeled 'Time in minutes' and ranges from 0.00 to 200.00 in 20.00 increments. The curve starts at 100.0% at 0.00 minutes and decreases exponentially, reaching approximately 43.0% at 170.00 minutes.

Time in minutes	Depth in metres (%)
0.00	100.0%
20.00	78.0%
40.00	65.0%
60.00	55.0%
80.00	48.0%
100.00	43.0%
120.00	39.0%
140.00	36.0%
160.00	34.0%
170.00	33.0%

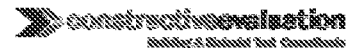
Soakaway Test Results & Soil Infiltration Rate

Site: Wick, SK06, Land West of Greenfields

Job No: 14.7982

Trial Hole: TP4b

Test 2



Time in minutes	Depth in meters to water surface	Depth in metres of water	Percentage of water depth at start
0.00	0.100	1.00	100.0%
1.00	0.120	0.98	98.0%
2.00	0.130	0.97	97.0%
3.00	0.140	0.96	96.0%
4.00	0.150	0.95	95.0%
5.00	0.160	0.94	94.0%
6.00	0.170	0.93	93.0%
7.00	0.180	0.92	92.0%
8.00	0.190	0.91	91.0%
9.00	0.200	0.90	90.0%
10.00	0.210	0.89	89.0%
15.00	0.250	0.85	85.0%
20.00	0.280	0.82	82.0%
25.00	0.310	0.79	79.0%
33.00	0.350	0.75	75.0%
42.00	0.400	0.70	70.0%
52.00	0.440	0.66	66.0%
61.00	0.480	0.62	62.0%
77.00	0.520	0.58	58.0%
92.00	0.550	0.55	55.0%
122.00	0.600	0.50	50.0%
139.00	0.620	0.48	48.0%
153.00	0.640	0.46	46.0%
163.00	0.650	0.45	45.0%
187.00	0.680	0.42	42.0%
213.00	0.700	0.40	40.0%
226.00	0.710	0.39	39.0%
226.00	0.710	0.39	39.0%

WARNING DOES NOT FALL TO 25% OF START DEPTH-Refer to graph sheet for calculation

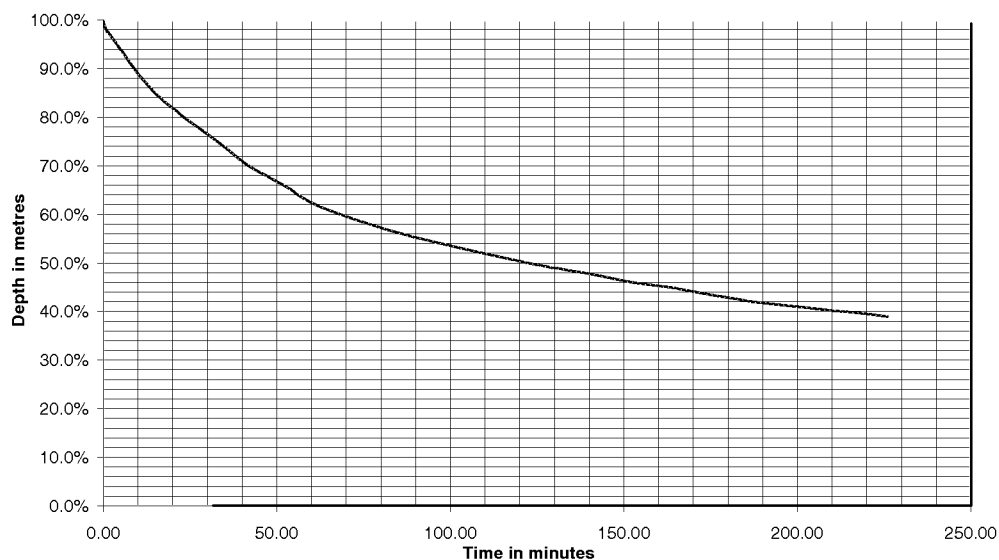
Pit Size	Time in mins
Length	0.40
Width	0.40
Depth	1.10

Infiltration Rate

from75%-25%

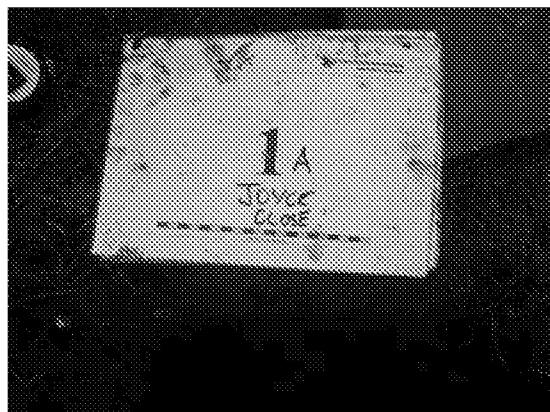
not valid

Permeability Graph TP4b Test 2



Investigation Photographs – Joyce Close SK09

A.



B.



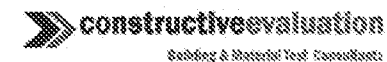
C.



D.



- A. TP1A Joyce Close
- B. TP1A Joyce Close
- C. TP1B Joyce Close
- D. TP1B Joyce Close



Date of Site Works:

27-28th Feb 2014

Site Address:

Wick, Littlehampton

Client:

ADC

Job/ref no.

14.7982

Investigation Photographs – West of Joyce Close SK08

E.



F.



G.



H.



- E. TP2A West of Joyce Close
- F. TP2A West of Joyce Close
- G. TP1B West of Joyce Close
- H. TP1B West of Joyce Close

constructiveevaluation
Soil & Material Test Consultants

Date of Site Works:

27-28th Feb 2014

Site Address:

Wick, Littlehampton

Client:

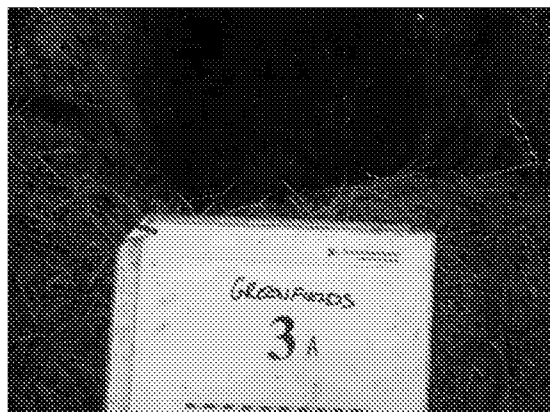
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Job/ref no.

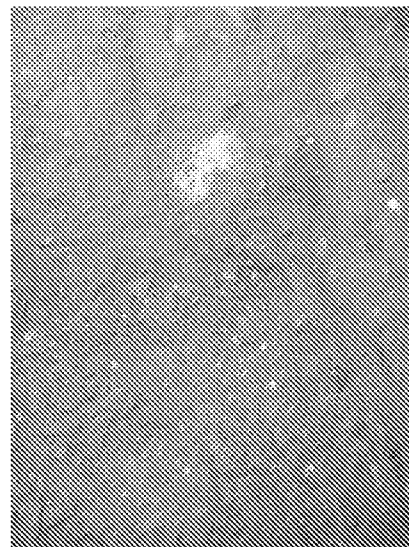
14.7982

Investigation Photographs – Greenfields SK07

I.



J.



K.



L.



- I. TP3A Greenfields
- J. TP3A Greenfields
- K. TP3B Greenfields
- L. TP3B Greenfields

 **constructiveevaluation**
Soil & Material Test Consultants

Date of Site Works:

27-28th Feb 2014

Site Address:

Wick, Littlehampton

Client:

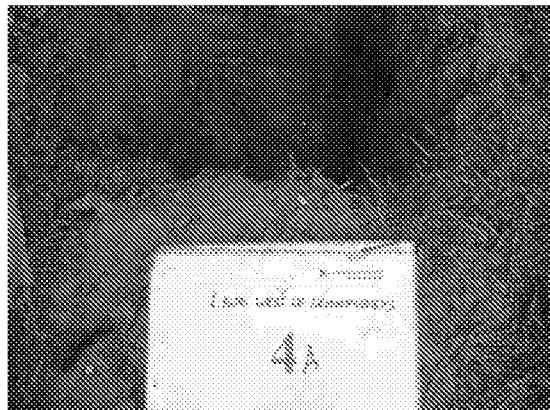
ADC

Job/ref no.

14.7982

Investigation Photographs Land West of Greenfields SK06

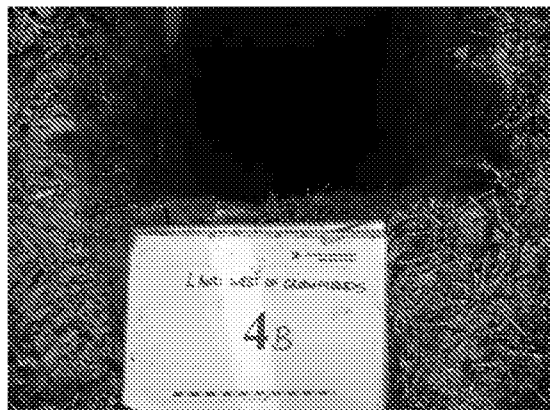
M.



N.



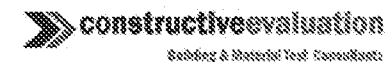
O.



P.



- M. TP4A Land West of Greenfields
- N. TP4A Land West of Greenfields
- O. TP4B Land West of Greenfields
- P. TP4B Land West of Greenfields



Date of Site Works:

27-28th Feb 2014

Site Address:

Wick, Littlehampton

Client:

ADC

Job/ref no.

14.7982