

GEOINVESTIGATE Ltd.

OUR REF:G15029	YOUR REF:	SITE PLAN (NOT TO SCALE)
DATE:06/03/15	LOCATION: Proposed Development, Tetlow Street, Liverpool L4 4LF	



GEOINVESTIGATE Ltd.

Your Ref.

Our Ref.

G15029

BH No.1

Sheet No. 1 of 1

Location: Proposed Development, Tetlow Street, Liverpool L4 4LF

DATE: 06/03/15

Depth (m)	Description of Strata	Thickness	Legend	Gas Well	Sample	Test Type Result	SPT N Value (Depth)	Depth to Water	Depth (m)
0.30	TURF / MADE GROUND Loose blackish brown sandy gravel. Gravel is fine to coarse of sandstone with occasional brick, coal and concrete. Cobbles noted	300			O	Cv kN/m ²			0.20
0.45	MADE GROUND Loose dark reddish brown gravelly sand. Gravel is fine to coarse of sandstone and occasional brick and coal Cobbles noted	150			O				0.50
0.85	Hard orangish red SANDSTONE recovered as angular sandy gravel.	400			O C		28,36/150mm N=64/150mm 0.85-1.00m		0.75
	Borehole Terminated at 0.85m due to refusal								0.85

Remarks:

No casing used
Dynamic windowless sampling by Terrier Rig to 0.85m
Borehole remained dry on completion
Gas well installed to 0.85m with bung and cover

Key:

Slotted Pipe
 Plain Pipe
 Bentonite
 Gravel Filter

O Disturbed sample
Cv Shear vane
W Water sample
S Standard Penetration Test
C Cone Penetration Test

BH1

GEOINVESTIGATE Ltd.

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G15029

BH No.2

Sheet No. 1 of 1

Location: Proposed Development, Tetlow Street, Liverpool L4 4LF

DATE: 06/03/15

Depth (m)	Description of Strata	Thickness	Legend	Gas Well	Sample	Test Type Result	SPT N Value (Depth)	Depth to Water	Depth (m)
0.20	TURF / MADE GROUND Loose blackish brown sandy gravel. Gravel is fine to coarse of sandstone with occasional brick, coal and concrete. Cobbles noted	200			O	Cv kN/m ²			0.20
0.40		200							
0.60	MADE GROUND Hard grey cobbles of concrete. Possible old conc hardstanding	200			O				0.50
1.00	Very dense orangish and reddish brown sandy GRAVEL. Gravel is fine to coarse of sandstone. Cobbles noted.	400					40,36 N=76/150mm 1.00-1.15m		0.75
	Hard orangish red SANDSTONE recovered as angular sandy gravel.				O C				1.00
	Borehole Terminated at 1.00m due to refusal								

Remarks:

Casing to 1.00m

Dynamic windowless sampling by Terrier Rig to 1.00m

Borehole remained dry on completion

Key:

Slotted Pipe
Plain Pipe
Bentonite
Gravel Filter

O Disturbed sample
Cv Shear vane
W Water sample
S Standard Penetration Test
C Cone Penetration Test

BH2

GEOINVESTIGATE Ltd.

Your Ref.

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G15029

BH No.3

Sheet No. 1 of 1

Location: Proposed Development, Tetlow Street, Liverpool L4 4LF

DATE: 06/03/15

Depth (m)	Description of Strata	Thickness	Legend	Gas Well	Sample	Test Type Result	SPT N Value (Depth)	Depth to Water	Depth (m)
0.40	TURF / MADE GROUND Loose blackish brown sandy gravel. Gravel is fine to coarse of sandstone with occasional brick, coal and concrete. Cobbles noted	400			O	Cv kN/m ²			0.20
	MADE GROUND Very loose orangish red sandy gravel. Gravel is fine to coarse of sandstone, and occasional brick and coal.				O				0.50
	Many brick cobbles at 0.95m								0.75
		1250			O C		2,1,0,0,1,1 N=2 1.00-1.45m		1.00
1.65	MADE GROUND Compact grey sandy gravel. Gravel is fine to coarse of concrete.				O				1.25
1.75	Possible old basement floor	100							1.50
1.80	Hard orangish red SANDSTONE recovered as angular sandy gravel. Some roots	50			O C		24,26/150mm N=50/150mm 1.80-1.95m		1.80
	Borehole Terminated at 1.80m due to refusal								

Remarks:

Casing to 1.00m
Dynamic windowless sampling by Terrier Rig to 1.80m
Borehole remained dry on completion
Gas well installed to 1.80m with bung and cover

Key:

Slotted Pipe
 Plain Pipe
 Bentonite
 Gravel Filter

O Disturbed sample
Cv Shear vane
W Water sample
S Standard Penetration Test
C Cone Penetration Test

BH3

GEOINVESTIGATE Ltd.

Your Ref.**Our Ref.**

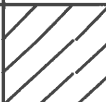



G15029

BH No.4

Sheet No. 1 of 1

Location: Proposed Development, Tetlow Street, Liverpool L4 4LF

DATE: 06/03/15

Depth (m)	Description of Strata	Thick-ness	Legend	Gas Well			Sample	Test Type Result	SPT N Value (Depth)	Depth to Water	Depth (m)
0.35	TOPSOIL Loose dark brown and reddish brown clayey gravelly sand. Gravel is fine to coarse of sandstone, coal and occ. ash	350					O	Cv kN/m ²	10,22,15,15,10 25 N=65 1.00-1.45m		0.20
0.65	MADE GROUND Loose blackish brown sandy gravel/ gravelly sand. Gravel is fine to coarse of sandstone, coal and occ. ash	300					O				0.50
0.75	MADE GROUND Compact grey sandstone and concrete cobbles	100									0.75
1.45	Very dense orangish and reddish brown sandy GRAVEL. Gravel is fine to coarse of sandstone. Cobbles noted. Probable completely weathered sandstone	700					O C				1.00
						O				1.25	
	Borehole Terminated at 1.45m due to refusal										1.45

Remarks:

Casing to 1.00m

Dynamic windowless sampling by Terrier Rig to 1.45m

Borehole remained dry on completion

Key:



Slotted Pipe



Plain Pipe



Bentonite



Gravel Filter

O Disturbed sample

Cv Shear vane

W Water sample

S Standard Penetration Test

C Cone Penetration Test

BH4

GEOINVESTIGATE Ltd.

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BH No.5

Sheet No. 1 of 1

Location: Proposed Development, Tetlow Street, Liverpool L4 4LF

DATE: 06/03/15

Depth (m)	Description of Strata	Thickness	Legend	Gas Well	Sample	Test Type Result	SPT N Value (Depth)	Depth to Water	Depth (m)
0.30	TURF / TOPSOIL Loose dark reddish brown sandy gravel / gravelly sand. Gravel is fine to coarse of sandstone	300			O	Cv kN/m ²			0.25
0.70	MADE GROUND Loose dark reddish brown gravelly sand. Gravel is fine to coarse of sandstone and occasional brick and coal Cobbles noted	400			O				0.50
1.40	Very dense orangish and reddish brown sandy GRAVEL. Gravel is fine to coarse of sandstone. Cobbles noted. Probable completely weathered sandstone	700			O C		15,20,25,22,23,20 N = 72 1.00-1.45m		0.75 1.00 1.25
1.70	Hard orangish red SANDSTONE recovered as angular sandy gravel.	300			O O C		23,28/150mm N=50/150mm 1.70-1.85m		1.50 1.70
	Borehole Terminated at 1.70m due to refusal								

Remarks:

Casing to 1.00m

Dynamic windowless sampling by Terrier Rig to 1.70m

Borehole remained dry on completion

Key:

	Slotted Pipe
	Plain Pipe
	Bentonite
	Gravel Filter

O	Disturbed sample
Cv	Shear vane
W	Water sample
S	Standard Penetration Test
C	Cone Penetration Test

BH5

GEOINVESTIGATE Ltd.

Your Ref.





Our Ref.

G15029

BH No.6 Sheet No. 1 of 1

Location: Proposed Development, Tetlow Street, Liverpool L4 4LF

DATE: 06/03/15

Depth (m)	Description of Strata	Thickness	Legend	Gas Well	Sample	Test Type Result	SPT N Value (Depth)	Depth to Water	Depth (m)
0.35	TOPSOIL Loose dark brown and reddish brown clayey gravelly sand. Gravel is fine to coarse of sandstone, coal and occ. ash	350			O	Cv kN/m ²			0.20
0.70	MADE GROUND Loose reddish brown gravelly sand. Gravel is fine to coarse of sandstone and occasional concrete	350			O				0.50
0.95	MADE GROUND Grey and reddish brown sandy gravel and cobbles of fine to coarse brick and concrete. Some wood fragments	250			O		6,50/75mm N=76/125mm		0.80
1.05	Hard orangish and reddish brown SANDSTONE	100			O C		1.00-1.25m		1.05
	Borehole Terminated at 1.05m due to refusal								

Remarks:

Casing to 1.00m
Dynamic windowless sampling by Terrier Rig to 1.00m
Borehole remained dry on completion

Key:

-  Slotted Pipe
-  Plain Pipe
-  Bentonite
-  Gravel Filter

- O** Disturbed sample
- Cv** Shear vane
- W** Water sample
- S** Standard Penetration Test
- C** Cone Penetration Test

BH6

GEOINVESTIGATE Ltd.

Your Ref.

Our Ref.

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BH No.7

Sheet No. 1 of 1

Location: Proposed Development, Tetlow Street, Liverpool L4 4LF

DATE: 06/03/15

Depth (m)	Description of Strata	Thickness	Legend	Gas Well	Sample	Test Type Result	SPT N Value (Depth)	Depth to Water	Depth (m)
0.30	TOPSOIL Loose dark brown and reddish brown clayey gravelly sand. Gravel is fine to coarse of sandstone, coal and occ. ash	300			O	Cv kN/m ²			0.20
0.65	MADE GROUND Loose reddish brown gravelly sand. Gravel is fine to coarse of sandstone and occasional concrete	350			O				0.50
0.90	MADE GROUND Grey and reddish brown sandy gravel and cobbles of fine to coarse brick and concrete. Some wood fragments	250							0.75
1.15	Dense orangish brown sandy GRAVEL. Gravel is fine to coarse of sandstone	250			O C		12,63/150mm N=73/150mm 1.00-1.15m		1.00
1.25	Hard orangish and reddish brown SANDSTONE	100			O				1.25
	Borehole Terminated at 1.25m due to refusal								

Remarks:

Casing to 1.00m
Dynamic windowless sampling by Terrier Rig to 1.25m
Borehole closed below 1.00m on completion
Gas well installed to 1.00m with bung and cover

Key:

Slotted Pipe
 Plain Pipe
 Bentonite
 Gravel Filter

O Disturbed sample
Cv Shear vane
W Water sample
S Standard Penetration Test
C Cone Penetration Test

BH7