





BOREHOLE LOG

Project Northstowe				BOREHOLE No BHB052	
Job No 12170626	Date 25-10-05 25-10-05	Ground Level (m AOD) 13.980	Co-Ordinates (OS) E 541099.551 N 264999.986		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 2

SAMPLES & TESTS					STRATA				Legend	Geology	Instrument	Backfill
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION				
0.40	D					13.58	0.40	Soft brown very sandy clay TOPSOIL with frequent rootlets.		TPS		
0.50-1.00	B							Firm orange brown very sandy CLAY (TERRACE DEPOSITS).		TD		
1.00-1.50	DB	3,3,2 4,2,3 N=11					(1.40)					
1.80	D					12.18	1.80	Medium dense to dense orange fine to coarse SAND. Becoming slightly clayey from 2.7m with rare medium subrounded flint. Rare pyrite from 5.5m (TERRACE DEPOSITS).		TD		
2.00-2.50	DB	3,4,3 4,3,4 N=14										
3.00-3.50	DB	7,9,8 9,8,7 N=32					(2.80)					
4.00-4.50	DB	9,8,10 8,10,11 N=39				9.38	4.60	Stiff grey mottled brown slightly gravelly sandy CLAY. Gravel is fine subangular chalk. Frequent fossils from 4.7m (KIMMERIDGE CLAY REWORKED).		KIMM		
4.60	D											
5.00	U	50 blows										
5.50	D											
6.00	D											
6.50-7.00	DB	4,3,4 5,4,4 N=17										
7.00	D											
8.00	U	74 blows					(6.40)					
8.50	D											
9.00	D											
9.50-10.00	DB	7,4,5 7,8,7 N=27										

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						
		13.70	15	13.00							
All dimensions in metres Scale 1:62.5			Contractor / Driller			Method/Plant Used Cable Percussive Rig			Logged By LF		



WSP Environmental
One Queens Drive
B1
Telephone:
Fax:

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHB052	
Job No 12170626	Date 25-10-05 25-10-05	Ground Level (m AOD) 13.980	Co-Ordinates (OS) E 541099.551 N 264999.986		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 2 of 2

SAMPLES & TESTS					STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION		
10.00	D							Stiff grey mottled brown slightly gravelly sandy CLAY. Gravel is fine subangular chalk. Frequent fossils from 4.7m (KIMMERIDGE CLAY REWORKED). <i>(continued)</i>		KIMM
11.00	B	8,5,6 7,8,8 N=29				2.98	11.00			
						2.68	11.30	Moderately weak grey SILTSTONE (KIMMERIDGE CLAY).		KIMM
12.00	D							Stif to very stiff grey CLAY with frequent fossils (KIMMERIDGE CLAY).		
12.50-13.00	B	9,10,12 15,18 N=45/ 225								
13.00	D									
13.70	D									
14.00	U	00 blows					(5.70)			KIMM
14.50	D									
15.50-16.00	DB	13,12,10 12,10 N=32/ 225								
16.50	DU	00 blows								
17.00	D					-3.02	17.00			


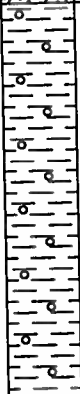

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						

Groundwater encountered at 13.7m rising to 13m after 15 mins.

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By LF
--	----------------------	---	-----------------

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHB053	
Job No 12170626	Date 25-10-05 25-10-05	Ground Level (m AOD) 11.570	Co-Ordinates (OS) E 540910.136 N 265000.640		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1

SAMPLES & TESTS					Water	STRATA			Legend	Geology	Instrument/ Backfill
Depth	Type No	Test Result	PID Depth	Result ppmv		Reduced Level	Depth (Thickness)	DESCRIPTION			
0.40	D					11.17	0.40	Brown sandy TOPSOIL.		TPS	
0.50-1.00	BD							Firm brown slightly sandy slightly gravelly CLAY (TERRACE DEPOSITS).		TD	
1.00-1.50	BD	3,0,2 3,3,2 N=10					(3.40)				
2.00-2.50	BD	2,0,3 2,3,3 N=11									
3.00-3.50	BD	3,0,3 4,3,4 N=14						Firm to stiff dark grey CLAY (KIMMERIDGE CLAY).		KIMM	
3.50	D					7.77	3.80				
4.00-4.50	BD	4,0,4 3,4,3 N=14					(3.20)				
5.00-5.50	BD	4,0,5 3,4,5 N=17									
6.50-7.00	BD	5,0,4 4,5,5 N=18				4.57	7.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						
All dimensions in metres Scale 1:62.5			Contractor / Driller			Method/Plant Used Cable Percussive Rig			Logged By		

No groundwater encountered.



WSP Environmental
One Queens Drive
B1
Telephone:
Fax:

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHB054	
Job No 12170626	Date 27-05-09 27-05-09	Ground Level (m AOD) 10.450	Co-Ordinates (OS) E 540705.108 N 265007.297		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships	Sheet 1 of 1	

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
0.40 0.50-1.00	D BJJV					9.95	(0.50) 0.50	Grass over dark brown clayey slightly gravelly sandy TOPSOIL. Gravel is fine subangular to angular flint.		TPS	
1.00-1.45	U	36 blows					(2.30)	Firm grey mottled orange brown slightly gravelly CLAY. Gravel is fine subangular to angular weak grey siltstone (KIMMERIDGE CLAY REWORKED).		KIMM	
1.50	D										
2.00-2.50	BD	3,4,4 5,4,4 N=17									
2.00-2.50						7.65	2.80				
3.00-3.50	B	9,9,6 5,4,5 N=20						Weak light grey SILTSTONE (KIMMERIDGE CLAY).		KIMM	
3.00-3.50	BD	9,9,6 5,4,5 N=20				7.15	(0.50) 3.30				
3.00-3.50								Stiff grey mottled orange brown slightly gravelly CLAY. Gravel is fine subangular to angular weak grey siltstone (KIMMERIDGE CLAY).		KIMM	
4.00-4.45	U	30 blows				6.45	(0.70) 4.00				
4.50	D							Stiff extremely closely fissured grey mottled dark green brown CLAY with rare selenite crystals (KIMMERIDGE CLAY).		KIMM	
5.00-5.50	B,SV	5,4,6 5,6,6 N=23									
5.70	D					4.75	(1.70) 5.70				
5.70								Very stiff grey CLAY (KIMMERIDGE CLAY).		KIMM	
6.50-6.95	U	00 blows									
6.50-6.95						3.45	(1.30) 7.00				
7.00	D										

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						

All dimensions in metres
Scale 1:62.5

Contractor / Driller

Method/Plant Used






Cable Percussive Rig

Logged By

LF

BOREHOLE LOG





Project Northstowe				BOREHOLE No BHB055	
Job No 12170626	Date 23-10-05 23-10-05	Ground Level (m AOD) 10.940	Co-Ordinates (OS) E 540520.905 N 265016.804		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships	Sheet 1 of 1	

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
0.40	D					10.54	0.40	Brown and orange clayey slightly gravelly sandy TOPSOIL. Gravel is fine to medium subangular to subrounded of sandstone and flint.		TPS	
0.50-1.00	B							Soft becoming firm brown orange sandy slightly gravelly CLAY. Gravel is fine to medium and subrounded chalk. Rare selenite crystals below 2.0m. Becoming grey mottled orange below 3.0m (KIMMERIDGE CLAY).		KIMM	
1.00-1.50	BD	3,2,2 1,2,2 N=7					(4.50)				
1.50	D										
2.00	D										
2.00-2.40	U	30 blows									
3.00-3.50	BD	4,2,2 4,3,3 N=12									
4.00-4.40	U	39 blows									
4.90	D					6.04	4.90	Weak to moderately weak grey SILTSTONE (KIMMERIDGE CLAY).		KIMM	
5.00-5.50	B	18,13,17 9,8,12 N=46				5.64	5.30				
5.30	D							Stiff brown mottled orange brown slightly sandy CLAY. Becoming grey from 5.5m (KIMMERIDGE CLAY).		KIMM	
6.00	D						(1.70)				
6.50-6.90	U	71 blows									
7.00	D					3.94	7.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						
All dimensions in metres Scale 1:62.5			Contractor / Driller			Method/Plant Used Cable Percussive Rig			Logged By DB		

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHB056	
Job No 12170626	Date 29-09-05 29-09-05	Ground Level (m AOD) 10.200	Co-Ordinates (OS) E 540810.358 N 264803.471		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1







SAMPLES & TESTS					STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION		
0.40 0.50-1.00	D B					9.50	0.70	Grass over soft brown mottled black and orange sandy slightly gravelly CLAY. Gravel is fine to coarse subrounded to angular chalk and granite.		TPS
1.00-1.50	BD	1,1,2 1,3,2 N=8						Soft to firm brown mottled orange and grey very sandy slightly gravelly CLAY. Gravel is medium subangular granite. Rare selenite crystals from 0.9m and with yellow mottling from 3.0m (KIMMERIDGE CLAY REWOKRKED).		KIMM
2.00-2.50	BD	1,2,2 2,3,3 N=10					(2.90)			
2.60	D									
3.00-3.45	U	32 blows								
3.50	D					6.60	3.60			
4.00-4.50	BD	3,3,5 5,6,6 N=22				6.20	4.00	Weak light grey SILTSTONE (KIMMERIDGE CLAY).		KIMM
5.00-5.50	BD	3,4,6 6,7,7 N=26					(3.00)	Stiff grey CLAY (KIMMERIDGE CLAY).		KIMM
6.50-69.00 6.50	U D	59 blows								
7.00	D					3.20	7.00			

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By LF
--	----------------------	---	-----------------

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHB057	
Job No 12170626	Date 26-10-05 26-10-05	Ground Level (m AOD) 10.050	Co-Ordinates (OS) E 541099.561 N 264799.881		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1

SAMPLES & TESTS					STRATA				Legend	Geology	Instrument/ Backfill
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION			
0.30-0.50	DJJJV					9.75	0.30	Loose dark brown slightly clayey sandy TOPSOIL with frequent rootlets.		TPS	
0.50-1.00	B						(0.90)	Soft dark brown very sandy CLAY (TERRACE DEPOSITS).		TD	
1.00	U	37 blows				8.85	1.20				
1.50	D					8.55	1.50	Stiff orange mottled grey sandy slightly gravelly CLAY. Gravel is fine to medium subangular flint and sandstone (KIMMERIDGE CLAY REWORKED).		KIMM	
2.00-2.50	DBSJV	2,1,2 2,1,2 N=7					(2.20)	Soft to firm grey mottled orange brown very sandy CLAY with frequent white mottling. Orange brown mottling reduces with depth. With some sand lenses from 2.6m (KIMMERIDGE CLAY REWORKED).		KIMM	
3.00-3.50	DB	3,2,4 2,3,3 N=12				6.35	3.70				
						6.15	3.90	Weak grey SILTSTONE (KIMMERIDGE CLAY).		KIMM	
4.00-4.50	DB	4,5,4 3,4,3 N=14					(3.10)	Firm grey CLAY. Weak claystone band at 4.7m. Becoming stiff and friable from 4.8m with frequent fine to medium subangular to angular siltstone gravel (KIMMERIDGE CLAY).		KIMM	
4.80-5.00	JJ										
5.00	U	80 blows									
5.50	D										
6.00	D										
6.50	D										
						3.05	7.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											Groundwater encountered at 3.9m raising to 3.2m after 15minutes.
Date	Time	Strike	Minutes	Standing	Casing						
		3.90	15	3.20	1.00						

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By LF
--	----------------------	---	-----------------



WSP Environmental
One Queens Drive
B1
Telephone:
Fax:

BOREHOLE LOG

Project Northstowe				BOREHOLE No PTM009	
Job No 12170626	Date 13-06-07 13-06-07	Ground Level (m AOD) 10.559	Co-Ordinates (OS) E 541357.848 N 265970.338		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships	Sheet 1 of 1	

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
0.50	JJV		0.50	0		10.46	0.10	MADE GROUND: Hardstanding tarmac.	MG	MG	
						10.26	0.30	MADE GROUND: Hardstanding CONCRETE (no reinforcement bar).			
1.50	BJJV		1.50	0		9.66	0.90	Orange brown mottled red brown and grey brown slightly gravelly very sandy CLAY. Gravel is fine to medium angular to rounded flint (TERRACE DEPOSITS).	TD	TD	
						(2.20)		Brown yellow slightly gravelly clayey SAND. Gravel is fine to medium angular to rounded flint. Becoming very clayey from 2.2m with frequent bands and pockets of coarse gravel sized grey silty fine sand and rare medium gravel sized pockets of orange sand (TERRACE DEPOSITS).			
4.00	B					7.46	3.10	Orange yellow clayey SAND and GRAVEL. Sand is coarse. Gravel is fine to medium angular to rounded flint (TERRACE DEPOSITS).	TD	TD	
						(2.70)					
						4.76	5.80	Firm to stiff fissured grey CLAY. rare very small marine fossils (KIMMERIDGE CLAY).		KIM	
						3.56	7.00				







Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
		3.10		1.85							

Groundwater strike at 3.1m rising to 1.85m after 15mins.

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By CW
--	----------------------	---	-----------------

BOREHOLE LOG

Project Northstowe				BOREHOLE No PTM010	
Job No 12170626	Date 14-06-07 14-06-07	Ground Level (m AOD) 11.011	Co-Ordinates (OS) E 541550.855 N 265176.449		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/ Backfill
0.60-0.75	JJJV		0.60	0		10.96	0.05	MADE GROUND: Hardstanding tarmac.		MG	
						10.56	0.45	MADE GROUND: Grey gravel hardcore. Gravel is coarse angular sandstone and rhyolite.			
							(0.65)	Soft to firm brown to dark grey green slightly sandy slightly gravelly CLAY. Gravel is medium angular to subangular flint. (TERRACE DEPOSITS).		TD	
						9.91	1.10				
						9.61	1.40	NO CORE RECOVERY.			
						9.31	1.70	Soft brown mottled orange very sandy CLAY with pockets of coarse sand (TERRACE DEPOSITS).		TD	
						9.01	2.00	Firm to stiff light grey mottled orange sandy CLAY with rare gravel sized pockets of fine silt (TERRACE DEPOSITS). Stiff to very stiff grey mottled orange brown CLAY. Becoming grey from 3m (LIMMERIDGE CLAY).		TD	
			(5.00)						KIM		
						4.01	7.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS No groundwater encountered. Started as window sample to 2 m bgl.
Date	Time	Depth	Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						
All dimensions in metres Scale 1:62.5			Contractor / Driller			Method/Plant Used Cable Percussive Rig			Logged By RLC / LF		



WSP Environmental
One Queens Drive
B1
Telephone:
Fax

BOREHOLE LOG

Project Northstowe				BOREHOLE No WWB001	
Job No 12170626	Date 07-06-07 07-06-07	Ground Level (m AOD) 7.225	Co-Ordinates (OS) E 541265.666 N 267250.580		
Supervising Engineer JMC / LF / CW / RLC		Client Gallagher Estates & English Partnerships		Sheet 1 of 1	

SAMPLES & TESTS					STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION		
0.70-0.80	JJV		0.70	0		6.33	0.90	Grass over dark brown slightly gravelly sandy clay TOPSOIL with rootlets. Becoming gravelly from 0.6m. Gravel is fine to coarse angular to subangular flint.		TPS
						5.83	(0.50) 1.40	Brown dark grey mottled orange slightly gravelly sandy CLAY. Gravel is fine to coarse angular to subangular flint (TERRACE DEPOSITS).		TD
							(1.60)	Soft light grey to grey mottled orange sandy CLAY. Becoming firm from 1.55m with coarse sand sized selenite crystals (AMPHILL CLAY).		AMP
2.80-2.90	JJV		2.80	0		4.23	3.00	Light grey SILTSTONE (AMPHILL CLAY).		AMP
						4.03	3.20	Firm grey mottled orange sandy CLAY with coarse sand sized selenite crystals (AMPHILL CLAY).		AMP
							(3.80)	4.20 - 4.30 Weak light grey SILTSTONE. 4.60 - 4.70 Weak light grey SILTSTONE. 4.70 m bgl, becoming stiff grey mottled orange sandy CLAY with coarse sand sized selenite crystals.		AMP
5.10-5.20	JJV		5.10	0		0.23	7.00			

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						

All dimensions in metres Scale 1:62.5 Contractor / Driller Method/Plant Used Cable Percussive Rig Logged By RLC

BOREHOLE LOG

Project Northstowe				BOREHOLE No WWB002	
Job No 12170626	Date 07-06-07 07-06-07	Ground Level (m AOD) 8.269	Co-Ordinates (OS) E 541321.583 N 267242.650		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1

SAMPLES & TESTS					STRATA				Legend	Geology	Instrument	Backfill
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION				
0.50-0.70	JJJV		0.60	0		7.97	0.30	Dark brown sand TOPSOIL.	TPS			
						7.27	1.00	Brown slightly silty slightly gravelly fine to medium SAND with rare rootlets. Gravel is fine angular to subangular flint (TERRACE DEPOSITS).	TD			
						6.47	1.80	Stiff grey mottled orange brown sandy CLAY with occasional fine to medium flint gravel (TERRACE DEPOSITS).	TD			
2.50	JJJV		2.50	0		(5.20)	7.00	Firm grey mottled brown CLAY with rare fine to coarse selenite crystals. Becoming grey mottled orange brown and stiff to very stiff with depth and with siltstone bands from 4m (AMPTHILL CLAY).	AMP			
						1.27	7.00					

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						
											No groundwater encountered.

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By LF
--	----------------------	---	-----------------



WSP Environmental
One Queens Drive
B1
Telephone
Fax

BOREHOLE LOG

Project Northstowe				BOREHOLE No WWB004	
Job No 12170626	Date 01-06-07 01-06-07	Ground Level (m AOD) 7.239	Co-Ordinates (OS) E 541507.522 N 266553.718		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1










SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/ Backfill
						7.04	0.20	Grass over brown sandy TOPSOIL.		TPS	
0.80	JJV		0.80	0			(1.00)	Soft brown mottled yellow buff slightly sandy slightly gravelly CLAY. Gravel is fine to medium angular to subrounded flint (TERRACE DEPOSITS).		AMP	
						6.04	1.20	Soft to firm grey mottled brown slightly sandy CLAY (AMPTHILL CLAY).		AMP	
						5.44	1.80	Firm to stiff grey CLAY (AMPTHILL CLAY).		AMP	
2.50	JJV		2.50	0			(5.20)			AMP	
5.00	JJV		5.00	0						AMP	
						0.24	7.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By RLC
--	----------------------	---	------------------

BOREHOLE LOG

Project Northstowe				BOREHOLE No WWB005	
Job No 12170626	Date 12-06-07 12-06-07	Ground Level (m AOD) 6.835	Co-Ordinates (OS) E 541528.679 N 266559.089		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/ Backfill
1.00	JJJV		1.00	0		6.54	0.30	MADE GROUND: Grass over soft to firm dark brown sandy slightly gravelly clay topsoil. Gravel is fine to medium angular to subangular flint.		MG	
						(0.80)		MADE GROUND: Firm to stiff dark brown sandy slightly gravelly clay. Gravel is fine to medium angular to subangular flint, brick and concrete.		MG	
2.10	JJJV		2.10	0		5.74	1.10	Stiff orange brown slightly gravelly sandy CLAY. Gravel is fine to medium angular to subangular flint, brick and concrete.		TD	
						5.44	1.40	Stiff orange brown slightly gravelly sandy CLAY. Gravel is fine to medium angular to subangular flint (TERRACE DEPOSITS).		TD	
						(0.80)		Brown gravelly medium to coarse SAND. Gravel is fine to medium angular to subangular flint. Becoming clayey from 2m (TERRACE DEPOSITS).		TD	
						4.64	2.20	Stiff grey CLAY (KIMMERIDGE CLAY).		KIM	
						4.34	2.50				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By LF
--	----------------------	---	-----------------



WSP Environmental
One Queens Drive
B1
Telephone:
Fax:

BOREHOLE LOG

Project Northstowe				BOREHOLE No WWB006	
Job No 12170626	Date 31-05-07 31-05-07	Ground Level (m AOD) 6.930	Co-Ordinates (OS) E 541528.065 N 266536.771		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1



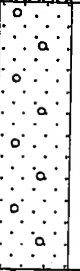
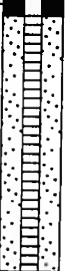


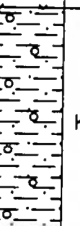



SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/ Backfill
0.30	JJJV		0.30	0		6.73	0.20	Grass over soft brown to dark brown slightly gravelly sandy clay TOPSOIL. Gravel is fine to medium angular to subrounded flint with frequent rootlets. Soft yellow brown sandy slightly gravelly CLAY. Gravel is fine to medium angular to subrounded flint with occasional rootlets (TERRACE DEPOSITS). Recovered as firm to stiff grey mottled green brown CLAY. Becoming stiff with depth (KIMMERIDGE CLAY).		TPS	
						6.43	0.50			TD	
3.50	JJV		3.50	0			(6.50)			KIM	
5.50	JJV		5.50	0							
						-0.07	7.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By CW
--	----------------------	---	-----------------

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC001	
Job No 12170626	Date 28-06-07 29-06-07	Ground Level (m AOD) 11.569	Co-Ordinates (OS) E 540897.009 N 266600.896		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/ Backfill
0.30-0.50	JJVV					11.47	0.10	MADE GROUND: Grass over dark brown clayey sand. Sand is fine to medium.		MG	
0.50-0.90	B				11.42	0.15	MADE GROUND: Brown very sandy gravel. Gravel is fine to medium angular to subangular concrete, brick and flint.	MG			
0.90	SBT	2,7,12 12,17,9 N=50/ 260			10.67	0.90	MADE GROUND: Brown clayey gravelly sand. Sand is fine to medium. Gravel is fine angular to subangular brick, coke (rare), flint and concrete.	MG			
1.00-1.50	B							Medium dense brown very gravelly SAND. Sand is medium to coarse. Gravel is fine angular to subangular flint (TERRACE DEPOSITS).		TD	
2.00-2.50	SBT	8,11,13 11,9,9 N=42				(2.30)					
3.00	SBT	3,4,3 3,3,4 N=13				8.37	3.20				
3.20-3.70	B							Soft to firm dark grey SILT with rare fine gravel sized fossils (KIMMERIDGE CLAY).		KIM	
4.00-4.25	U	14 blows				(1.80)					
4.60	B										
5.00-5.50	SBT	3,2,3 4,4,5 N=16				6.57	5.00	Stiff dark grey slightly sandy slightly gravelly CLAY with rare fossils (belemnite) and shells. Gravel is fine subangular to subrounded chalk (KIMMERIDGE CLAY).		KIM	
6.50-6.85	U	50 blows				(1.95)					
7.00	D					4.62	6.95	Grey SILTSTONE (KIMMERIDGE CLAY).		KIM	
						4.57	7.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						
28-06-07		4.00									

All dimensions in metres
 Scale 1:62.5

Contractor / Driller: _____ Method/Plant Used: Cable Percussive Rig

Logged By: LF

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC002	
Job No 12170626	Date 29-06-07 02-07-07	Ground Level (m AOD) 11.262	Co-Ordinates (OS) E 540892.144 N 266399.100		Sheet 1 of 1
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
1.00	B					11.06	0.20	Grass over dark brown slightly silty slightly gravelly sand TOPSOIL. Sand is fine to medium. Gravel is fine subangular flint.		TPS	
							(0.60)				
						10.46	0.80	Firm to stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium angular to subangular flint (TERRACE DEPOSITS).		TD	
						10.06	1.20	Dense brown very gravelly SAND. Sand is medium to coarse. Gravel is fine subangular to subrounded chalk and flint (TERRACE DEPOSITS). Orange brown very sandy GRAVEL. Gravel is fine to medium angular to subangular flint and subangular to rounded chalk (TERRACE DEPOSITS). 1.20 mbgl, becoming buff/brown with depth.		TD	
2.00	B						(4.10)				
3.00	B										
4.00-4.50	SPT	5,5,6 7,11,14 N=38									
5.00	B					5.96	5.30	Soft brown to dark brown very sandy organic SILT (TERRACE DEPOSITS). 5.40 mbgl, becoming dark grey.		TD	
5.30	BD					5.76	5.50	Dense buff brown gravelly SAND. Sand is fine to coarse. Gravel is fine to medium angular to subangular flint and subangular to rounded chalk (TERRACE DEPOSITS).		TD	
5.50	SPT	2,4,7 8,9,9 N=33					(2.15)				
7.50	SPT	9,8,2 2,3,10 N=17				3.61	7.65	Medium dense grey gravelly SAND. Sand is medium to coarse. Gravel is fine subangular to subrounded flint and chalk (TERRACE DEPOSITS).		TD	
						2.76	8.50	Medium dense grey sandy GRAVEL with rare black flint cobbles. Gravel is fine to coarse, angular to subrounded flint (TERRACE DEPOSITS).		TD	
						2.56	8.70	Soft dark grey slightly sandy SILT (KIMMERIDGE CLAY).		KIM	
9.00	D					1.96	9.30	Stiff to very stiff dark grey CLAY. Rare cobbles of grey strong siltstone (KIMMERIDGE CLAY).		KIM	
9.30-9.80	B						(0.70)	9.30 mbgl, strong cobble of grey mud/siltstone.		KIM	
						1.26	10.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						
All dimensions in metres Scale 1:62.5						Contractor / Driller			Method/Plant Used Cable Percussive Rig		Logged By LF



WSP Environmental
One Queens Drive
B1
Telephone:
Fax:

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC003	
Job No 12170626	Date 18-09-06 18-09-06	Ground Level (m AOD) 9.073	Co-Ordinates (OS) E 541109.665 N 266192.207		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships	Sheet 1 of 1	







SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
0.00-0.50	B					8.57	(0.50) 0.50	MADE GROUND: Grass over brown slightly gravelly sandy topsoil. Gravel is fine to medium angular to subangular flint and quartzite		MG	
0.50-1.00	JJVVB							MADE GROUND: Brown slightly gravelly fine to medium sand. Gravel is fine to medium angular to subrounded flint and calcareous material becoming slightly clayey from 1m.		MG	
1.00-1.50	B	1,1,1 2,2,2 N=7				7.57	(1.00) 1.50				
1.50-2.00	B										
2.00-2.50	JJVVB	1,0,1 1,0,2 N=4					(1.80)	Loose brown gravelly fine to medium SAND. Gravel is fine to medium angular to subrounded flint and calcareous. Becoming orange brown slightly gravelly from 2.5m (TERRACE DEPOSITS).		TD	
2.50-3.00	B										
3.00		2,2,1 2,3,2 N=8				5.77	3.30				
3.30-3.50	B					5.27	(0.50) 3.80	Soft to firm light grey fine to medium sandy slightly gravelly CLAY. Gravel is fine to coarse angular to subrounded flint (TERRACE DEPOSITS).		TD	
3.80-4.20	B										
4.50		1,1,1 1,1,4 N=7				4.57	(0.70) 4.50	Orange brown fine to coarse SAND and GRAVEL. Gravel is fine to medium angular to rounded flint and calcareous material (TERRACE DEPOSITS).		TD	
5.00-5.50	JVVB					4.07	(0.50) 5.00	Loose grey slightly clayey slightly gravelly fine to medium SAND. Gravel is fine to medium angular flint (TERRACE DEPOSITS).		TD	
5.50-6.00	B	2,2,10 11,11,12 N=44				3.57	(0.50) 5.50	Soft grey mottled black slightly sandy slightly gravelly CLAY with organic material and wood. Gravel is fine to medium subangular to rounded flint (TERRACE DEPOSITS).		TD	
6.50-6.95	JVV	7,9,12 13,15,12 N=52/ 280				2.57	(1.00) 6.50	Dense grey gravelly fine SAND with shell fragments. Gravel is fine to medium angular to rounded flint (TERRACE DEPOSITS).		TD	
						2.07	(0.50) 7.00	Dense to very dense brown very gravelly fine to coarse SAND. Gravel is fine to medium angular to subrounded flint (TERRACE DEPOSITS).		TD	

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS	
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To		
												Wet from 1.5m. Groundwater seepage at 2.0m - slow. Groundwater encountered at 3.0m - moderate.
Date	Time	Strike	Minutes	Standing	Casing							
18-09-06		2.00			1.50							
18-09-06		3.00	20	1.98	2.80							

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By RLC
--	----------------------	---	------------------

BOREHOLE LOG







Project Northstowe				BOREHOLE No BHC004	
Job No 12170626	Date 06-09-06 07-09-06	Ground Level (m AOD) 9.356	Co-Ordinates (OS) E 540923.505 N 266256.997		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
0.00-0.50	B					8.86	(0.50) 0.50	Grass over brown slightly gravelly sandy TOPSOIL. Gravel is medium angular to subrounded flint.		TPS	
0.50-1.00	JJVB						(1.20)	Medium dense orange brown slightly clayey slightly gravelly fine to medium SAND with occasional pockets of light grey fine sand. Gravel is fine to medium subangular to subrounded flint (TERRACE DEPOSITS).		TD	
1.00-1.50	B	5,4,4 4,4,5 N=17				7.66	1.70	Medium dense brown slightly gravelly fine to medium SAND. Gravel is fine angular to subangular flint. Becoming coarse sand from 4.0m (TERRACE DEPOSITS).		TD	
1.70	D						(2.30)			TD	
2.00-2.50	JJVB	3,1,2 6,5,6 N=19								TD	
2.70	D									TD	
3.00-3.50	B	3,5,5 6,7,10 N=28				5.36	4.00	Dense brown medium to coarse SAND and GRAVEL. Gravel is fine to medium angular to subangular flint. Becoming very gravelly sand from 4.6m (TERRACE DEPOSITS).		TD	
4.00-4.50	B	1,0,2 4,6,7 N=19				4.36	5.00	Medium dense brown medium to coarse SAND and GRAVEL. Gravel is fine to coarse angular to subrounded flint (TERRACE DEPOSITS).		TD	
4.60-5.00	B						(1.70)			TD	
5.00		1,1,2 3,4,4 N=13								TD	
6.00		5,6,7 6,6,8 N=27				2.66	6.70			KIM	
6.70-7.00	JJVB					2.36	7.00	Very stiff grey slightly gravelly CLAY. Gravel is fine subangular flint with rare coarse subangular flint (KIMMERIDGE CLAY).		KIM	

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						
06-09-06		2.50									
06-09-06		2.70	20	2.09	2.50						
All dimensions in metres Scale 1:62.5			Contractor / Driller			Method/Plant Used Cable Percussive Rig			Logged By RLC		

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC005	
Job No 12170626	Date 18-09-06 18-09-06	Ground Level (m AOD) 9.599	Co-Ordinates (OS) E 540702.324 N 266198.379		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
0.00-0.40	B					9.20	0.40	MADE GROUND: Grass over brown sandy TOPSOIL		MG	
0.40-0.80	JJVVB					8.80	0.80	MADE GROUND: Brown/orange slightly clayey slightly gravelly SAND. Gravel is fine to medium red brick, coke and flint.		MG	
0.80-1.00	B						(1.20)	Medium dense light grey and orange/brown slightly clayey slightly gravelly SAND. Gravel is fine to medium angular to subangular flint (TERRACE DEPOSITS).		TD	
1.00-1.50	JJVVB	2,2,5 5,5,6 N=21									
2.00-2.70	JJVVB	2,3,2 2,2,1 N=7				7.60	2.00	Loose orange and light grey silty slightly gravelly SAND. Gravel is fine to medium angular to subrounded flint (TERRACE DEPOSITS).		TD	
2.70-3.00	B					6.90	2.70	Soft to firm dark grey mottled orange sandy slightly gravelly CLAY/SILT. Gravel is fine to medium angular to subrounded flint and chalk. Becoming very sandy and gravelly from 3.8m (TERRACE DEPOSITS).		TD	
3.00-3.45	U	27 blows					(1.30)				
3.70	D										
3.80-4.00	B					5.60	4.00	Stiff dark grey fine to medium sandy SILT. Gravel is fine to medium angular to subangular flint (KIMMERIDGE CLAY).		KIM	
4.00-4.20	B										
4.30-4.80	B	1,1,1 3,4,5 N=13					(3.00)				
5.40-6.00	B	4,4,4 5,6,7 N=22									
6.30-6.75	U	58 blows									
7.00	D					2.60	7.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS Groundwater encountered at 2.5m - slow. Groundwater seepage at 3.8.
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
18-09-06		2.50		1.92	1.50						
18-09-06		3.80			3.00						

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By RLC
--	----------------------	---	------------------

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC006	
Job No 12170626	Date 21-08-06 21-08-06	Ground Level (m AOD) 10.572	Co-Ordinates (OS) E 540889.378 N 265988.535		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships	Sheet 1 of 1	

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/ Backfill
					↓	10.37	0.20	MADE GROUND: Grass over topsoil.	[Symbol]	MG	
0.40	D				↓		(0.80)	MADE GROUND: Brown sandy slightly gravelly CLAY with frequent rootlets. Gravel is medium to coarse angular to subangular flint and chalk. With occasional fine to coarse subangular to angular flint and chalk gravel from 0.7m. Becoming stiff from 0.9m.	[Symbol]	MG	
0.70	D				↓	9.57	1.00				
1.00-1.50	JJJVVB	2.2,3 2.3,3 N=11			↓		(1.00)	Medium dense brown very clayey slightly gravelly SAND with frequent rootlets. Gravel is medium to coarse angular flint and chalk. Frequent coarse gravel size pockets of very soft brown clay (TERRACE DEPOSITS).	[Symbol]	TD	
2.00-2.50	JJJVVB	2.2,2 3.3,3 N=11			↓	8.57	2.00				
2.80	D				↓		(1.00)	Medium dense light brown slightly clayey slightly gravelly fine to medium SAND. Gravel is medium to coarse angular to subangular flint and chalk. Becoming slightly silty with fine to medium gravel from 2.8m (TERRACE DEPOSITS).	[Symbol]	TD	
3.00-3.30	B	1.0,1 0.1,1 N=3			↓	7.57	3.00				
3.30-3.50	B				↓		(1.50)	Yellow brown slightly sandy slightly gravelly SILT. Gravel is fine to medium angular flint and chalk with occasional cobbles of flint (TERRACE DEPOSITS).	[Symbol]	TD	
3.80	D				↓						
4.00-4.50	B	2.2,3 4.3,5 N=15			↓	6.07	4.50				
4.50-4.70	B				↓		(0.50)	Brown orange coarse sandy GRAVEL. Gravel is fine to coarse angular to subangular flint and chalk (TERRACE DEPOSITS).	[Symbol]	TD	
4.80	D				↓	5.57	5.00				
5.00	D	4.8,10 12,18,10 N=50/ 245			↓		(1.50)	Dense to very dense brown orange very gravelly coarse SAND. Gravel is fine to coarse angular to subangular flint and chalk. Becoming light brown fine to coarse sand and gravel from 6.0m (TERRACE DEPOSITS).	[Symbol]	TD	
6.00		13,14,14 14,11,7 N=46			↓	4.07	6.50				
6.50	D				↓	3.77	6.80	Brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium angular to subangular flint and chalk (TERRACE DEPOSITS).	[Symbol]	TD	
6.80	D				↓						
7.00-7.45	U	35 blows			↓		(0.90)	Very stiff grey CLAY. With frequent coarse gravel size angular claystone fragments from 7.0m (KIMMERIDGE CLAY).	[Symbol]	KIM	
					↓	2.87	7.70				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						
21-08-06		2.80			2.50						
21-08-06		3.00	20	2.56	2.80						
All dimensions in metres Scale 1:62.5			Contractor / Driller			Method/Plant Used Cable Percussive Rig			Logged By LF/RLC		

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC007	
Job No 12170626	Date 22-08-06 22-08-06	Ground Level (m AOD) 10.933	Co-Ordinates (OS) E 540735.937 N 265972.952		Sheet 1 of 1
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/ Backfill
0.50-0.80	B					10.73	0.20	MADE GROUND: Grass over topsoil.		MG	
0.50	JJJVVD					10.43	0.50	MADE GROUND: Dark brown slightly gravelly clay with frequent rootlets. Gravel is fine to medium occasionally coarse angular to subangular flint, sandstone and coke.		MG	
0.80	D					10.13	0.80			MG	
1.00-1.50	B	5.9,7 5.6,5 N=23				9.93	1.00	MADE GROUND: Brown slightly gravelly clay with frequent rootlets with medium gravel size pockets of light brown orange slightly gravelly fine sand. Gravel is fine to medium angular to subangular flint, chalk and coke.		TD	
1.70	D						(1.90)	Firm brown orange very sandy slightly gravelly CLAY with occasional rootlets. Sand is fine, gravel is fine subangular to angular flint and chalk (TERRACE DEPOSITS).		TD	
2.00-2.50	JJJVVB	2.4,5 3.8,10 N=26				8.03	2.90	Stiff light brown orange slightly clayey slightly gravelly fine SAND. Gravel is fine to coarse subrounded to subangular flint and chalk. With occasional pockets of buff silt from 1.7m (TERRACE DEPOSITS).		TD	
2.90	D					7.93	3.00			TD	
3.00-3.50	B	3.3,4 3.5,6 N=18					(1.80)	Light grey sandy slightly gravelly CLAY with thinly bedded lenses of brown fine to medium sandy clay. Gravel is fine to medium angular to subrounded flint and chalk (TERRACE DEPOSITS).		KIM	
3.80	D						6.13	4.80		KIM	
4.00-4.45	U	72 blows					(2.80)	Stiff grey slightly gravelly CLAY. Gravel is fine to medium angular to subangular flint and chalk. Becoming sandy from 4m (KIMMERIDGE CLAY).		KIM	
4.70	D						3.33	7.60		KIM	
5.00-5.50	JJV	8.4,6 4.6,7 N=23						Stiff light grey gravelly CLAY. Gravel is fine to medium angular siltstone with frequent coarse gravel of siltstone from 7m (KIMMERIDGE CLAY).		KIM	
6.00	D										
6.30-6.75	U	75 blows									
7.00	D										
7.10		4.5,6 9.9,10 N=34									

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						
22-08-06		5.00			3.00						

Groundwater seepage at 5.0m.

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By LF/RLC
--	----------------------	---	---------------------

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC007A	
Job No 12170626	Date 14-06-07 14-06-07	Ground Level (m AOD) 13.534	Co-Ordinates (OS) E 540739.807 N 265945.085		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1


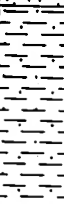


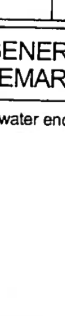
SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
0.50-1.00	B					13.13	0.40	Grass over brown slightly gravelly fine sand TOPSOIL. Gravel is fine to medium angular to subangular flint.		TPS	
0.60-1.00	JJVV		0.80	0		12.93	0.60	Brown very gravelly SAND. Sand is fine to medium. Gravel is fine to medium angular to subangular flint (TERRACE DEPOSITS).		TD	
1.00	SBT	6,5,5 5,4,5 N=19	0.90	0		12.53	1.00			TD	
1.10-1.50	B						(1.40)	Brown to orange brown clayey GRAVEL. Gravel is fine to medium angular to subangular flint (TERRACE DEPOSITS). Medium dense orange brown GRAVEL. Gravel is fine to medium angular to subangular flint. Becoming clayey from 2.1m (TERRACE DEPOSITS).		TD	
2.00	SBT	1,2,2 3,2,5 N=12				11.13	2.40				
2.50	JJVV		2.50	0				Stiff to very stiff dark blue grey mottled yellow orange and dark green brown CLAY (KIMMERIDGE CLAY).			
2.50-3.00	B										
3.00-3.45	U										
3.65	D										
4.00	SBT	1,3,3 4,3,4 N=14						(4.60)			
4.00-4.50	SBT	1,3,3 4,3,4 N=14									KIM
5.00	JV		5.00	0							
5.00	U										
6.00-6.50	SBT	2,4,4 5,7,7 N=23									
7.00	SBT	3,4,6 6,13,12 N=37				6.53	7.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
											No groundwater encountered.
Date	Time	Strike	Minutes	Standing	Casing						

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By LF
--	----------------------	---	-----------------

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC008	
Job No 12170626	Date 14-09-06 14-09-06	Ground Level (m AOD) 12.408	Co-Ordinates (OS) E 540699.605 N 265800.028		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
0.00-0.50	JJVVB						(0.80)	Grass over dark brown slightly clayey slightly gravelly fine sandy TOPSOIL. Gravel is fine angular flint.		TPS	
0.60-1.00	B					11.61	0.80	Very stiff to hard sandy slightly gravelly CLAY. Gravel is fine angular to subrounded flint. Becoming stiff to very stiff from 1.1m (KIMMERIDGE CLAY).		KIM	
1.10-1.60	B	4,5,5 5,3,3 N=16					(1.80)				
1.60-2.00	B							Stiff to very dark grey mottled yellow and orange/brown CLAY. Not mottled from 4m. Becoming very stiff slightly sandy with fine selenite crystals and shell fragments from 5.0m. Medium to coarse angular gravel size weak grey siltstone fragments from 7.0m (KIMMERIDGE CLAY).		KIM	
2.00-2.50	JJVVB	1,1,2 3,3,3 N=11				9.81	2.60				
2.60-3.00	B						(4.40)				
3.00-3.45	U	31 blows									
3.70	D										
4.00-4.50	B	2,1,2 3,4,4 N=13									
5.00-5.50	JJV	1,2,2 3,3,4 N=12									
5.00-5.50	D	1,2,2 3,3,4 N=12									
6.00-6.30	D										
6.30-6.75	U	25 blows									
7.00	D					5.41	7.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By LF
--	----------------------	---	-----------------

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC010	
Job No 12170626	Date 23-10-06 23-10-06	Ground Level (m AOD) 12.000	Co-Ordinates (OS) E 540312.000 N 266204.000		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 1 of 1








SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
0.40	D					11.60	0.40	Grass over dark brown fine to medium sandy TOPSOIL.		TPS	
0.70	JJJVD					11.30	0.70	Very stiff brown very sandy CLAY (TERRACE DEPOSITS).		TD	
1.20-1.50	JJVVB	1,1,2 2,2,2 N=8				10.80	(0.50) 1.20	Orange brown clayey slightly gravelly fine to medium SAND. Gravel is fine to medium angular to subangular flint (TERRACE DEPOSITS).		TD	
1.80-2.30	D B					10.40	1.60	Firm orange brown sandy slightly gravelly CLAY. Gravel is fine to medium angular to subangular flint (TERRACE DEPOSITS).		TD	
2.30-2.80	B	2,2,3 3,3,4 N=13						Firm to stiff dark grey mottled orange brown and yellow CLAY with occasional selenite crystals. Not mottled from 3.0m (AMPTHILL CLAY).		AMP	
3.20-3.70	B	1,2,3 3,3,3 N=12									
4.20-4.65	U	31 blows					(5.40)				
4.90	D										
5.20-5.70	B	2,2,4 6,6,7 N=23									
6.30-6.75	U	45 blows									
7.00	D					5.00	7.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt.	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						
All dimensions in metres Scale 1:62.5			Contractor / Driller			Method/Plant Used Cable Percussive Rig			Logged By LF		

No groundwater encountered.

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC011	
Job No 12170626	Date 23-10-06 23-10-06	Ground Level (m AOD) 10.080	Co-Ordinates (OS) E 540100.000 N 266401.000		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships	Sheet 1 of 1	

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
						9.68	0.40	Grass over dark brown slightly gravelly fine to medium sandy TOPSOIL.		TPS	
						9.38	0.70	Dense buff brown very sandy GRAVEL. Gravel is fine to medium angular to subangular flint (TERRACE DEPOSITS).		TD	
0.90	JJVJ					9.18	0.90				
1.30-1.80	B	10,13,18 18,14 N=50/ 190					(1.90)	Very stiff to hard orange brown mottled light grey sandy slightly gravelly CLAY. Gravel is fine to medium angular to subangular flint (TERRACE DEPOSITS).		TD	
1.90	JJVVD							Dense becoming medium dense orange brown clayey slightly gravelly fine to medium sand. Gravel is fine to medium angular to subangular flint. With an orange slightly gravelly fine to medium SAND band from 1.1m to 1.2m (TERRACE DEPOSITS).		TD	
2.00-2.50	B	9,9,7 7,2,2 N=18					7.28				
2.80	D							Firm dark grey sandy slightly gravelly CLAY. Gravel is fine angular to subrounded flint and chalk (TERRACE DEPOSITS).		TD	
3.00-3.50	JJVVB	2,2,3 4,5,6 N=18									
4.00-4.45	U	45 blows						Stiff grey mottled orange brown CLAY (AMPTHILL CLAY).		AMP	
4.70	D										
5.00-5.50	JJVVB	2,4,5 5,5,6 N=21						(3.10)		AMP	
6.30-6.75	U	28 blows									
7.00	D										

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						

All dimensions in metres
Scale 1:62.5














Contractor / Driller

Method/Plant Used
Cable Percussive Rig

Logged By
LF

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC020	
Job No 12170626	Date 02-07-07 03-07-07	Ground Level (m AOD) 11.137	Co-Ordinates (OS) E 541010.613 N 266411.613		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships	Sheet 1 of 1	





SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
0.70	JJV					10.84	0.30	MADE GROUND: Grass over dark brown slightly silty sand topsoil. Sand is fine.		MG	
1.00-1.45	U	20 blows				10.54	0.60	MADE GROUND: Brown slightly gravelly sand. Sand is fine to medium. Gravel is fine to medium subangular to subrounded flint, concrete and coke (rare).		MG	
1.45	D					(0.90)		Stiff grey thinly laminated in places slightly sandy slightly gravelly SILT. Gravel is fine subangular flint (TERRACE DEPOSITS).		TD	
2.00-2.50	CPT	4,3,4 4,6,6 N=20				9.64	1.50	Medium dense buff very sandy GRAVEL. Gravel is fine to medium subangular to subrounded chalk and flint (TERRACE DEPOSITS).		TD	
3.00-3.50	CPT	1,1,4 4,6,7 N=21				(4.80)		4.00 mbgl, becoming dense.		TD	
4.00	CPT	4,6,11 15,16,8 N=50									
5.00	CPT	2,3,4 5,8,10 N=27									
6.20-6.50	B					4.84	6.30				
6.50	SPT	2,2,3 5,6,6 N=20				4.64	6.50	Dark grey very gravelly SAND. Sand is medium to coarse. Gravel is fine to coarse angular to subangular mostly black flint and chalk gravel (TERRACE DEPOSITS).		TD	
						(1.00)		Grey to dark grey SAND with pockets of very sandy silt. Sand is fine to coarse (TERRACE DEPOSITS).		TD	
					3.64	7.50	Firm light grey SILT (TERRACE DEPOSITS).		TD		
					3.14	(0.50) 8.00	Grey SAND. Sand is medium (TERRACE DEPOSITS).		TD		
					2.64	(0.50) 8.50	Grey to light grey slightly gravelly SAND with pockets of sandy silt. Sand is medium to coarse. Gravel is fine subangular to rounded chalk.		TD		
9.00	SPT	1,3,3 3,5,6 N=17			1.84	9.30	Stiff to very stiff CLAY with bands of very sandy silt and fine sand, (KIMMERIDGE CLAY).		KIM		
					1.14	10.00					

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
			Strike	Minutes	Standing	Casing					
02-07-07			1.50								

All dimensions in metres Scale 1:62.5 Contractor / Driller
 Method/Plant Used Cable Percussive Rig Logged By LF

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC021	
Job No 12170626	Date 03-07-07 03-07-07	Ground Level (m AOD) 9.600	Co-Ordinates (OS) E 541007.722 N 266300.703		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships	Sheet 1 of 2	


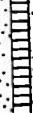
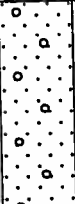
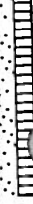

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
						9.40	0.20	MADE GROUND: Grass over dark brown fine to medium sand TOPSOIL.		TPS	
							(1.20)	MADE GROUND: Cobbles and boulders of concrete.		MG	
1.40-1.70	B					8.20	1.40	Brown clayey gravelly SAND. Sand is fine to coarse. Gravel is fine to medium, angular to subrounded flint (TERRACE DEPOSITS).		TD	
2.00	CBT	7,9,9 11,10,11 N=41				7.80	1.80		Medium dense brown SAND and GRAVEL. Sand is fine to coarse. Gravel is fine to coarse, angular to subrounded flint and chalk (TERRACE DEPOSITS).		TD
3.00	CBT	3,4,7 6,7,8 N=28									
5.00	B										
6.00	CBT	7,7,5 2,0,0 N=7					(9.20)				
8.00	B										

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By LF
--	----------------------	---	-----------------

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC021	
Job No 12170626	Date 03-07-07 03-07-07	Ground Level (m AOD) 9.600	Co-Ordinates (OS) E 541007.722 N 266300.703		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		Sheet 2 of 2

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
10.00	B					-1.40	11.00	Medium dense brown SAND and GRAVEL. Sand is fine to coarse. Gravel is fine to coarse, angular to subrounded flint and chalk (TERRACE DEPOSITS). <i>(continued)</i>		TD	
12.00	B					-3.20	12.80	Grey SAND and GRAVEL. Sand is fine to coarse. Gravel is fine, angular to subrounded flint and chalk (TERRACE DEPOSITS).		TD	
						-4.40	14.00	Stiff to very stiff grey CLAY (KIMMERIDGE CLAY).		KIM	

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	Minutes	Standing	Casing						
All dimensions in metres Scale 1:62.5			Contractor / Driller			Method/Plant Used Cable Percussive Rig			Logged By LF		

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC022	
Job No 12170626	Date 26-06-07 28-06-07	Ground Level (m AOD) 11.621	Co-Ordinates (OS) E 541011.432 N 266087.468		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships	Sheet 1 of 1	

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
0.50-0.70	JJJV		0.50	0	↓	11.47	0.15	MADE GROUND: Grass over dark brown silty sand topsoil. Sand is fine to medium.	[Cross-hatch]	MG	
						11.42	0.20	MADE GROUND: Whole red bricks.			
1.00-1.50	SBT	1,2,2 2,4,5 N=13	1.50	0	↓	11.37	0.25	MADE GROUND: Brown very sandy gravel. Gravel is fine to coarse angular to subangular brick and concrete.	[Cross-hatch]	MG	
						10.72	0.90	MADE GROUND: Dark brown slightly clayey gravelly sand. Sand is fine to coarse. Gravel is fine to medium angular to subangular brick, bitumen and roadstone.			
1.50-3.00	JJJV		1.50	0	↓	(1.00)			[Dotted]	TD	
						9.72	1.90	Loose to medium dense orange mottled light grey and brown clayey gravelly SAND. Sand is fine to medium. Gravel is fine, angular to subangular flint, with cobble size pockets of soft orange mottled light grey very sandy slightly gravelly SILT. Gravel is fine to medium angular to subangular flint (TERRACE DEPOSITS).			
2.00-2.50	SBT	2,2,4 4,6,6 N=20			↓	(1.20)			[Cross-hatch]	TD	
						8.52	3.10	Very soft sandy slightly gravelly SILT. Gravel is fine subangular to subrounded flint (TERRACE DEPOSITS).			
3.00	SBT	1,1,2 2,2,3 N=9			↓	8.42	3.20	Very soft to soft light grey SILT (TERRACE DEPOSITS).	[Cross-hatch]	TD	
						(1.05)		Very soft to soft brown slightly gravelly SILT with black peaty organic matter. Gravel is fine angular to subrounded shell fragments (TERRACE DEPOSITS).			
3.10-3.50	BD				↓	7.37	4.25	Dark grey very sandy GRAVEL. Gravel is fine to coarse angular to subrounded mostly black flint.	[Cross-hatch]	TD	
						7.22	4.40	Dark grey SAND and GRAVEL. Sand is medium to coarse. Gravel is fine to coarse angular to subangular mostly black flint (TERRACE DEPOSITS).			
4.10-4.55	U	50 blows			↓	6.92	4.70	Grey SILTSTONE (KIMMERIDGE CLAY).	[Cross-hatch]	KIM	
						6.72	4.90	Stiff to very stiff grey CLAY (KIMMERIDGE CLAY).			
4.50-5.00	BD				↓				[Cross-hatch]	KIM	
						4.60					
5.00	SPT	4,8,9 11,14,16 N=50			↓				[Cross-hatch]	KIM	
5.80	SBT	7,6,5 9,8,11 N=33			↓	(2.10)			[Cross-hatch]	KIM	
						4.62	7.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
		4.50									
			Minutes	Standing	Casing						

All dimensions in metres
 Scale 1:62.5

Contractor / Driller: _____ Method/Plant Used: Cable Percussive Rig

Logged By: LF

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC023	
Job No 12170626	Date 26-06-07 26-06-07	Ground Level (m AOD) 9.700	Co-Ordinates (OS) E 540844.356 N 266116.102		Sheet 1 of 1
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships		

SAMPLES & TESTS						STRATA					
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thickness)	DESCRIPTION	Legend	Geology	Instrument/Backfill
1.20-1.65	SPT	1,1,2 3,3,3 N=11	1.30	0	↓	9.60 9.45	0.10 0.25	Grass over dark brown slightly clayey sand TOPSOIL. Sand is fine to medium.		TPS	
1.30	JJVV					(0.95)		Dark brown slightly clayey slightly gravelly SAND. Sand is fine to coarse. Gravel is fine to medium, angular to subangular flint (TERRACE DEPOSITS).		TD	
2.00-2.40	JV U	70 blows	2.00	29.4		8.50	1.20	Brown to orange brown slightly clayey slightly gravelly SAND. Sand is fine to coarse. Gravel is fine to medium, angular to subangular flint (TERRACE DEPOSITS).		TD	
2.60	D					(1.20)		Firm to stiff grey mottled orange brown sandy slightly gravelly CLAY. Gravel is fine to medium, angular to subangular flint. Slight kerosene odour at 2m (TERRACE DEPOSITS).		TD	
3.00-3.50	SPT	1,1,1 2,1,2 N=6	3.00	0		7.30	2.40	Firm to stiff light grey SILT with very closely spaced fissures. No fissures apparent from 3m but 4.5m shows vertical discontinuity with brown decomposed roots covering planes. No hydrocarbon odour (TERRACE DEPOSITS).		TD	
3.00	SPT	1,1,1 2,1,2 N=6				(2.30)				TD	
4.00-4.45	U	80 blows				5.00	4.70	Dense dark grey sandy GRAVEL. Gravel is fine to coarse angular to subangular black flint (TERRACE DEPOSITS).		TD	
4.60-5.00	D B					(0.65)				TD	
5.00	CBT	7,12,15 12,8,8 N=43				4.35	5.35	Stiff grey mottled brown CLAY (KIMMERIDGE CLAY). 5.50 mbgl, becoming not mottled brown with no hydrocarbon odour.		KIM	
5.50-6.00	B					(1.15)				KIM	
6.50	SPT	4,5,5 9,12,14 N=40				3.20	6.50				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	
Date	Time	Strike	M/minutes	Standing	Casing						
		4.70		1.45							

All dimensions in metres Scale 1:62.5	Contractor / Driller	Method/Plant Used Cable Percussive Rig	Logged By LF
--	----------------------	---	-----------------

BOREHOLE LOG

Project Northstowe				BOREHOLE No BHC024	
Job No 12170626	Date 25-06-07 25-06-07	Ground Level (m AOD) 9.820	Co-Ordinates (OS) E 540683.225 N 266142.541		
Supervising Engineer JMC / LF / CW / RLC			Client Gallagher Estates & English Partnerships	Sheet 1 of 1	

SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	PID Depth	Result ppmv	Water	Reduced Level	Depth (Thick-ness)	DESCRIPTION	Legend	Geology	Instrument/ Backfill
0.40	JJV		0.40	0	↓	9.57	0.25	MADE GROUND: Grass over dark brown gravel with topsoil and rootlet matrix. Gravel is fine to medium angular to subangular bitumen-covered roadstone. 0.20 mbgl, flint and concrete also present.		MG	
0.80	JJV		0.80	0		9.17	0.65			MADE GROUND: Brown gravelly sand. Sand is medium to coarse. Gravel is fine to medium concrete, flint and rare bitumen covered roadstone.	
1.00-1.50	SBT	1,3,5 6,6,8 N=25			↓	(1.55)		Medium dense orange brown slightly clayey slightly gravelly SAND. Sand is fine to medium. Gravel is fine subangular to subrounded flint (TERRACE DEPOSITS).		TD	
2.00-2.45	SBT	1,2,1 2,3,4 N=10				7.62	2.20	Firm orange brown sandy CLAY (TERRACE DEPOSITS).		TD	
2.50-3.00	BD					7.47	2.35	Firm light grey rarely mottled orange slightly sandy slightly gravelly SILT. Gravel is fine subangular to subrounded flint (TERRACE DEPOSITS). 3.00 mbgl, becoming grey/brown mottled dark grey, with rare white shelly fossils.		TD	
3.00-3.50	SBT	1,1,2 2,2,3 N=9	3.20	0	↓	(3.05)				TD	
3.20	JJV					4.42	5.40	Grey silty sandy GRAVEL. Gravel is fine to coarse, angular to subangular black flint (TERRACE DEPOSITS).		TD	
4.00-4.40	U	35 blows				4.02	5.80	Soft grey CLAY (KIMMERIDGE CLAY).		KIM	
4.60	D					(1.20)				KIM	
5.00	SBT	2,2,3 6,12,14 N=35			↓	2.82	7.00				
5.50-6.00	B										
6.00	SBT	5,4,4 5,7,8 N=24									
6.50-7.00	B										
7.00-7.25	U	30 blows									

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dot	From	To	Hours	From	To	
		5.40		1.86							

All dimensions in metres
 Scale 1:62.5

Contractor / Driller: _____ Method/Plant Used: Cable Percussive Rig
 Logged By: LF