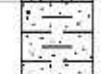
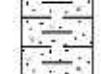
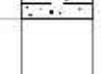




Machine : JCB 3CX Method : Trial Pit		Dimensions 0.7m x 2.3m		Ground Level (mOD) 45.98		Client Keltbray Holdings Limited		Job Number WB307-01
		Location (dGPS) 507099.42, 187316.64		Dates 06/04/2022		Engineer DOP		Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend
0.50	B			45.73	(0.25) 0.25 (1.25)	TOPSOIL: Grass over brown very clayey slightly gravelly fine to coarse SAND. Gravel is sub-angular to sub-rounded flint to coarse flint with fine rootlets.		
1.20	HSV 48.67kPa	42, 44, 60/Av. 48.67		44.48	1.50	MADE GROUND: Firm brown slightly sandy gravelly CLAY. Gravel is sub-angular to sub-rounded flint, chalk and occasional brick fragment with occasional cobbles of brick.		
1.50	HSV 33kPa	32, 32, 35/Av. 33.00			(0.50)	Soft orangish brown slightly silty slightly sandy CLAY.		
1.60	D							
2.00	HSV 48kPa	45, 48, 51/Av. 48.00		43.98	2.00	Firm light grey mottled orangish brown silty slightly sandy CLAY.		
2.40	HSV 72.67kPa	74, 74, 70/Av. 72.67			(1.10)	Becomes stiff and friable with extremely weak weathered mudstone and chalk gravels below 2.5m bgl.		
				42.88	3.10	Complete at 3.10m		



### Remarks

Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment.  
Groundwater was not encountered during excavation.  
Trial pit generally remained stable during excavation.  
Trial pit backfilled with arisings upon completion.

**Scale (approx)**

Logged By

**Figure No.**

WB307-01 TP01



			Site Breakspear Road South, Ickenham			Trial Pit Number <b>TP02</b>	
Machine : JCB 3CX Method : Trial Pit		Dimensions 0.7m x 2.3m	Ground Level (mOD) 46.22		Client Keltbray Holdings Limited		Job Number WB307-01
		Location (dGPS) 507113.80, 187325.05	Dates 04/04/2022	Engineer: DOP		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
0.20	ES			45.92	(0.30) 0.30	TOPSOIL: Grass over brown very clayey slightly gravelly fine to coarse SAND. Gravel is sub-angular to sub-rounded fine to coarse flint with fine rootlets.	
0.50	HSV 55.67kPa B		55, 55, 57/Avg. 55.67		(1.00)	MADE GROUND: Firm orangish brown mottled light grey slightly silty slightly sandy CLAY.	
				44.92	1.30	Plastic attenuation tank encountered at 1.3m depth. Complete at 1.30m	
				<p><b>Remarks</b></p> <p>Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment. Groundwater was not encountered during excavation. Trial pit generally remained stable during excavation. Trial pit terminated at 1.3m bgl due to presence of plastic attenuation tank. Trial pit backfilled with arisings upon completion.</p>			
				Scale (approx)	Logged By	Figure No.	
				1:50	DOP	WB307-01.TP02	



Machine : JCB 3CX Method : Trial Pit		Dimensions 0.8m x 2.5m	Ground Level (mOD)		Client Keltbray Holdings Limited		Job Number WB307-01
		Location (dGPS)	Dates 06/04/2022	Engineer DOP		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend
0.60 0.70	HSV 59.67kPa B		60, 64, 55/Av. 59.67		(0.20) 0.20 (0.40) 0.60 (1.40)	TOPSOIL: Grass over very clayey gravelly fine to coarse SAND. Gravel is sub-angular to sub-rounded fine to coarse flint and chalk with fine rootlets.  Probably MADE GROUND: Brown very clayey sandy sub-angular to sub-rounded fine to coarse GRAVEL of flint and quartz with fine rootlets.  Firm orangish brown mottled light grey slightly silty slightly sandy CLAY.	
1.50 1.50	HSV 45.33kPa D		44, 40, 52/Av. 45.33		2.00	Becomes firm, locally stiff, sandy from below 1.8m bgl.  Stiff friable orangish brown mottled light grey slightly silty slightly sandy CLAY.	
2.50 2.50	HSV 92kPa B		88, 86, 102/Av. 92.00		(1.20) 3.20	Extremely weak weathered mudstone gravels present below 2.9m bgl.  Complete at 3.20m	

**Remarks**

Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment.  
Groundwater was not encountered during excavation.  
Trial pit generally remained stable during excavation.  
Trial pit backfilled with arisings upon completion.

Scale (approx)	Logged By	Figure No.
1:50	DOP	WB307-01.TP03



Machine : JCB 3CX Method : Trial Pit		Dimensions 0.6m x 2.3m		Ground Level (mOD) 47.90		Client Keltbray Holdings Limited		Job Number WB307-01
		Location (dGPS) 507044.35, 187346.02		Dates 06/04/2022		Engineer DOP		Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend
0.30	ES			47.84	0.06 (0.15)	MADE GROUND: Tarmacadam.		
0.45	D			47.68	0.15 (0.18)	MADE GROUND: Concrete.		
0.60	HSV 49kPa	56, 39, 52/Av. 49.00		47.50	0.40 (0.60)	MADE GROUND: Orangish brown slightly clayey very gravelly fine to coarse SAND. Gravel is very angular to sub-rounded fine to coarse brick fragment, flint and concrete with abundant cobbles of brick.		
1.00	B			46.90	1.00 (0.50)	Probably MADE GROUND: Firm, locally soft, blueish grey slightly silty CLAY. Slightly organic odour. (Probably reworked natural)		
1.10	HSV 33kPa	32, 33, 34/Av. 33.00		46.40	1.50 (1.00)	Soft orangish brown mottled light grey slightly silty slightly sandy CLAY.		
1.60	HSV 54.67kPa	48, 56, 60/Av. 54.67				Firm orangish brown friable orangish brown mottled light grey slightly silty sandy CLAY. Becomes firm to stiff below 2.0m bgl.		
2.20	HSV 77.33kPa	78, 76, 78/Av. 77.33		45.40	2.50 (0.60)	Firm, locally soft, orangish brown mottled grey slightly silty sandy slightly gravelly CLAY. Gravel is sub-angular fine to coarse extremely weak chalk.		
3.00	D			44.80	3.10 (0.20)	Firm to stiff orangish brown mottled grey slightly silty sandy slightly gravelly CLAY. Gravel is sub-angular fine to coarse extremely weak chalk.		
						Complete at 3.30m		



**Remarks**

Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment.  
Groundwater was not encountered during excavation.  
Trial pit generally remained stable during excavation.  
Trial pit backfilled with arisings upon completion.

**Scale (approx)**

Logged By

**Figure No.**



			Site			Trial Pit Number	
			Breakspear Road South, Ickenham			TP05	
Machine : JCB 3CX		Dimensions	Ground Level (mOD)	Client		Job Number	
Method : Trial Pit		0.7m x 2.3m	47.93	Keltbray Holdings Limited		WB307-01	
Location (dGPS)		507020.05, 187324.11	Dates	06/04/2022		Sheet	
				DOP		1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	
0.60	D			47.73	(0.20) 0.20 (0.70)	TOPSOIL: Grass over very clayey gravelly fine to coarse SAND. Gravel is sub-angular to sub-rounded fine to coarse flint, quartz, brick fragment and wood with fine rootlets.	
1.00	HSV 67.33kPa	58, 71, 73/Avg. 67.33		47.03	0.90 (0.50)	MADE GROUND: Brown very gravelly fine to coarse SAND. Gravel is sub-angular to sub-rounded fine to coarse flint, mudstone and occasional brick fragment.	
1.20	B			46.53	1.40 (0.60)	Firm orangish brown slightly silty slightly sandy CLAY.	
1.50	HSV 39.67kPa	32, 42, 45/Avg. 39.67		45.93	2.00	Soft orangish brown mottled light grey slightly silty slightly sandy CLAY.	
2.10	HSV 57.67kPa	64, 53, 56/Avg. 57.67		44.83	(1.10)	Firm friable orangish brown mottled light grey slightly silty sandy CLAY with occasional chalk gravels.	
2.70	B			44.83	3.10	Becomes locally stiff below 2.7m bgl. Becomes stiff below 3.0m bgl. Complete at 3.10m	



#### Remarks

Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment.  
Groundwater was not encountered during excavation.  
Trial pit generally remained stable during excavation.  
Trial pit backfilled with arisings upon completion.

Scale (approx)

1:50

Logged By

DOP

Figure No.

WB307-01.TP05



Machine : JCB 3CX Method : Trial Pit	Dimensions 0.6m x 2.3m	Ground Level (mOD) 50.63	Client Keltbray Holdings Limited	Job Number WB307-01				
	Location (dGPS) 507023.70, 187389.92	Dates 05/04/2022	Engineer DOP	Sheet 1/1				
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	ES		Water strike(1) at 0.65m.	50.43	(0.20)	MADE GROUND: Concrete.		
				50.23	(0.20)	MADE GROUND: Brown very sandy very angular to sub-angular fine to coarse GRAVEL of brick fragment, concrete and sandstone.		
1.00	HSV 40.67kPa D	38, 45, 39/Avg. 40.67		49.83	(0.40)	MADE GROUND: Blackish grey soft to firm slightly sandy slightly gravelly CLAY. Gravel is angular to sub-angular fine to coarse brick fragment and flint with occasional cobbles of brick. Organic odour.		
1.00					(1.00)			
1.50	HSV 50.67kPa	45, 52, 55/Avg. 50.67		48.83	1.80	Firm, locally soft, orangish brown slightly silty slightly sandy CLAY. Becomes firm below 1.0m bgl.		
2.00	HSV 72.67kPa	84, 69, 65/Avg. 72.67				Firm, locally stiff, orangish brown sandy CLAY.		
2.50	HSV 67.67kPa B	69, 74, 60/Avg. 67.67		47.23	(1.60)			
2.50					3.40	Complete at 3.40m		

	Remarks	
	<p>Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment.</p> <p>Slight groundwater seepage encountered at 0.65m bgl.</p> <p>Trial pit generally remained stable during excavation.</p> <p>Trial pit backfilled with arisings upon completion.</p>	
Scale (approx)	Logged By	Figure No.
1:50	DOP	WB307-01.TP06



			Site Breakspear Road South, Ickenham			Trial Pit Number <b>TP07</b>			
Machine : JCB 3CX Method : Trial Pit		Dimensions 0.6m x 2.2m	Ground Level (mOD) 50.41		Client Keltbray Holdings Limited				
		Location (dGPS) 507053.71, 187401.28	Dates 05/04/2022		Engineer DOP				
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend Water		
0.20	ES			50.31	0.10 (0.50)	MADE GROUND: Tarmacadam.			
1.00	D			49.81	0.60 (0.60)	MADE GROUND: Brown very gravelly fine to coarse SAND. Gravel is very angular to sub-angular fine to coarse brick fragments, concrete and sandstone with occasional cobbles of brick.			
1.50	HSV 135kPa			49.21	1.20 (0.60)	MADE GROUND: Very soft brown slightly silty very sandy slightly gravelly CLAY with occasional fine rootlets. Gravel is very angular fine to coarse of brick fragment, ceramic and sandstone.			
1.50	B			48.61	1.80 (1.00)	Old ceramic drain encountered at 1.1m bgl. Very stiff brown mottled light grey slightly silty slightly sandy CLAY.			
2.00	HSV 69kPa	66, 78, 63/Av. 69.00		47.61	2.80	Firm orangish brown sandy CLAY.			
2.60	HSV 78.67kPa	81, 79, 76/Av. 78.67				Firm, locally stiff, below 2.5m bgl.			
						Complete at 2.80m			
				<p><b>Remarks</b></p> <p>Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment. Groundwater was not encountered during excavation. Trial pit generally remained stable during excavation. Trial pit backfilled with arisings upon completion.</p>					
				Scale (approx)	Logged By	Figure No.			
				1:50	DOP	WB307-01.TP07			



			Site Breakspear Road South, Ickenham			Trial Pit Number <b>TP08</b>	
Machine : JCB 3CX Method : Trial Pit		Dimensions 0.6m x 2.4m	Ground Level (mOD) 51.54		Client Keltbray Holdings Limited		Job Number WB307-01
		Location (dGPS) 507026.31, 187415.49	Dates 05/04/2022	Engineer DOP		Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	
0.30	ES			51.34	(0.20) 0.20 (0.30) 51.04 50.94	MADE GROUND: Concrete.  MADE GROUND: Dark brown, yellowish brown and light grey slightly clayey fine to coarse SAND and angular to sub-angular fine to coarse GRAVEL of concrete, brick fragment, sandstone and flint with frequent cobbles of brick.	
0.70 0.70	HSV 53.67kPa B	52, 55, 54/Av. 53.67			(1.60)	MADE GROUND: Firm blackish grey silty slightly sandy slightly gravelly CLAY. Gravel is angular to sub-angular fine to coarse brick fragment, concrete, flint and sandstone. Organic odour.	
1.50 1.50	HSV 73.33kPa D	75, 76, 69/Av. 73.33		49.34	2.20	Firm, locally soft, orangish brown mottled light grey slightly silty slightly sandy CLAY. Firm below 0.9m bgl. Becomes friable below 1.6m bgl.	
2.20	HSV 72.33kPa	65, 78, 74/Av. 72.33				Firm, locally stiff, friable orangish brown mottled light grey slightly silty slightly sandy slightly gravelly CLAY. Gravel is sub-angular fine to coarse extremely weak weathered mudstone.	
2.60	HSV 76.67kPa	78, 76, 76/Av. 76.67			(1.20)	Becomes stiff below 2.8m bgl.	
3.20	HSV 93kPa	90, 89, 100/Av. 93.00		48.14	3.40	Complete at 3.40m	
				<p><b>Remarks</b></p> <p>Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment. Groundwater was not encountered during excavation. Trial pit generally remained stable during excavation. Trial pit backfilled with arisings upon completion.</p>			
				Scale (approx)	Logged By	Figure No.	
				1:50	DOP	WB307-01.TP08	



Machine : JCB 3CX	Dimensions 0.6m x 2.2m	Ground Level (mOD) 52.91	Site Breakspear Road South, Ickenham	
Method : Trial Pit	Location (dGPS) 507021.28, 187444.71	Dates 05/04/2022	Client Keltbray Holdings Limited	Job Number WB307-01

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.50	HSV 55.67kPa B		56, 46, 65/Av. 55.67	52.61	(0.30) 0.30 (0.70)	TOPSOIL: Grass over brown very clayey slightly gravelly fine to coarse SAND. Gravel is sub-angular to sub-rounded fine to coarse flint with fine rootlets.		
0.50				51.91	1.00	Firm brown slightly sandy gravelly CLAY. Gravel is sub-rounded fine to coarse flint.		
1.10	HSV 60.33kPa D		56, 60, 65/Av. 60.33			Firm brown mottled light grey slightly sandy CLAY.		
1.10						Firm, locally stiff, below 1.5m bgl.		
1.70	HSV 69kPa		65, 71, 71/Av. 69.00		(1.60)	Becoming stiff below 2.0m bgl.		
2.50	D			50.31	2.60	Stiff, locally firm, friable orangish brown mottled light grey slightly sandy slightly gravelly CLAY. Gravel is sub-angular fine to coarse extremely weak weathered mudstone.		
2.80	HSV 94kPa		96, 100, 86/Av. 94.00	49.61	(0.70) 3.30	Complete at 3.30m		

	<b>Remarks</b>						
	<p>Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment.</p> <p>Groundwater was not encountered during excavation.</p> <p>Trial pit generally remained stable during excavation.</p> <p>Trial pit backfilled with arisings upon completion.</p>						
<table border="1"> <tr> <td>Scale (approx)</td> <td>Logged By</td> <td>Figure No.</td> </tr> <tr> <td>1:50</td> <td>DOP</td> <td>WB307-01.TP09</td> </tr> </table>		Scale (approx)	Logged By	Figure No.	1:50	DOP	WB307-01.TP09
Scale (approx)	Logged By	Figure No.					
1:50	DOP	WB307-01.TP09					



			Site			Trial Pit Number	
			Breakspear Road South, Ickenham			TP10	
Machine : JCB 3CX		Dimensions	Ground Level (mOD)	Client		Job Number	
Method : Trial Pit		0.6m x 2.2m	54.79	Keltbray Holdings Limited		WB307-01	
Location (dGPS)		506978.44, 187431.85	Dates	Engineer:		Sheet	
			04/04/2022	DOP		1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	
0.20	ES			54.39	(0.40) 0.40	TOPSOIL: Grass over brown very clayey slightly gravelly fine to coarse SAND. Gravel is sub-angular to sub-rounded flint and wood with fine to coarse rootlets.	
0.60	HSV 42.67kPa		40, 40, 48/Av. 42.67				
0.80	B						
1.00	HSV 65.67kPa		65, 68, 64/Av. 65.67				
1.70	HSV 135kPa			53.29	1.50	Stiff becoming very stiff greyish brown slightly sandy CLAY.	
					(0.70)		
2.20	HSV 86.33kPa		81, 86, 92/Av. 86.33	52.59	2.20	Stiff brown mottled light grey friable slightly sandy CLAY with occasional extremely weak weathered mudstone gravels.	
2.30	D						
3.60	HSV 81.67kPa		82, 80, 83/Av. 81.67	51.19	3.60	Complete at 3.60m	
				<p><b>Remarks</b></p> <p>Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment. Groundwater was not encountered during excavation. Trial pit generally remained stable during excavation. Trial pit backfilled with arisings upon completion.</p>			
				<b>Scale (approx)</b>		<b>Logged By</b>	<b>Figure No.</b>
				1:50		DOP	WB307-01.TP10



			Site			Trial Pit Number	
			Breakspear Road South, Ickenham			TP11	
Machine : JCB 3CX		Dimensions	Ground Level (mOD)	Client		Job Number	
Method : Trial Pit		0.6m x 2.2m	53.78	Keltbray Holdings Limited		WB307-01	
Location (dGPS)		506970.93, 187417.84	Dates	Engineer		Sheet	
			05/04/2022	DOP		1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	
0.30	ES			53.63	(0.15) 0.15 (0.65)	TOPSOIL: Dark brown very clayey silty gravelly fine to coarse SAND. Gravel is angular to sub-angular fine to coarse flint with fine rootlets.	
1.20 1.30	HSV 52kPa B	48, 55, 53/Avg. 52.00		52.98	0.80 (1.20)	MADE GROUND: Firm, locally soft, dark brown mottled orangish brown sandy gravelly CLAY. Gravel is very angular to sub-rounded fine to coarse brick fragment, breezeblock fragment, plastic and concrete with cobbles and boulders of building stone. Large mesh bag at 0.2m bgl. Plastic sheet at 0.6m bgl.	
1.80	HSV 73kPa	70, 69, 80/Avg. 73.00		51.78	2.00 (0.70)	Firm orangish brown slightly silty slightly sandy CLAY. Firm, locally stiff, below 1.6m bgl.	
2.70	HSV 85kPa	79, 86, 90/Avg. 85.00		51.08 (0.60)	2.70 (0.60)	Firm, locally stiff, orangish brown slightly silty sandy CLAY. Stiff friable orangish brown slightly silty sandy slightly gravelly CLAY. Gravel is sub-angular fine to coarse extremely weak weathered mudstone.	
				50.48	3.30	Complete at 3.30m	
				<p><b>Remarks</b></p> <p>Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment. Groundwater was not encountered during excavation. Trial pit generally remained stable during excavation. Trial pit backfilled with arisings upon completion.</p>			
				<p>Scale (approx)</p> <p>1:50</p>		Logged By	Figure No.
				DOP		WB307-01.TP11	



						Site Breakspear Road South, Ickenham	Trial Pit Number <b>TP12</b>
Machine : JCB 3CX Method : Trial Pit		Dimensions 0.6m x 2.2m	Ground Level (mOD) 52.04	Client Keltbray Holdings Limited	Job Number WB307-01		
		Location (dGPS) 506984.20, 187392.39	Dates 05/04/2022	Engineer DOP	Sheet 1/1		
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	
0.30	ES			51.79	(0.25)	TOPSOIL: Dark brown very clayey silty gravelly fine to coarse SAND. Gravel is angular to sub-angular fine to coarse flint with fine rootlets.	
0.50	HSV 40.33kPa		38, 48, 35/Avg. 40.33	51.69	0.25 0.35	MADE GROUND: Brown very clayey gravelly fine to coarse SAND. Gravel is angular to sub-angular fine to coarse brick fragment, concrete and flint.	
1.50	HSV 62kPa D		64, 68, 54/Avg. 62.00	50.04	(1.65)	Soft becoming firm orangish brown mottled light grey slightly silty slightly sandy CLAY.	
2.70	HSV 80.33kPa HSV 98kPa D s		84, 78, 79/Avg. 80.33 100, 104, 90/Avg. 98.00	49.14	2.00 (0.90)	Firm, locally stiff, orangish brown mottled light grey slightly silty slightly sandy CLAY.	
2.90				48.64	2.90 (0.50)	Stiff friable orangish brown mottled light grey slightly silty slightly sandy slightly gravelly CLAY. Gravel is sub-angular fine to coarse extremely weak weathered mudstone.	
3.00					3.40	Stiff, locally very stiff, below 3.0m bgl.	
						Complete at 3.40m	
				<p><b>Remarks</b></p> <p>Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment. Groundwater was not encountered during excavation. Trial pit generally remained stable during excavation. Trial pit backfilled with arisings upon completion.</p>			
				Scale (approx)	Logged By	Figure No.	
				1:50	DOP	WB307-01.TP12	



					Site Breakspear Road South, Ickenham	Trial Pit Number <b>TP13</b>
Machine : JCB 3CX Method : Trial Pit		Dimensions 0.6m x 2.3m	Ground Level (mOD) 48.74	Client Keltbray Holdings Limited	Job Number WB307-01	
		Location (dGPS) 507003.03, 187335.78	Dates 06/04/2022	Engineer DOP	Sheet 1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	
0.50	B			48.49	(0.25) 0.25	
0.70	HSV 60.33kPa	59, 61, 61/Av. 60.33		47.84	(0.65) 0.90	
1.10	HSV 49.67kPa	51, 49, 49/Av. 49.67			(0.70)	
1.10	D					
1.70	HSV 41.67kPa	40, 42, 43/Av. 41.67		47.14	1.60 (0.40)	
2.10	HSV 83.33kPa	82, 85, 83/Av. 83.33		46.74	2.00 (1.30)	
				45.44	3.30	
					Complete at 3.30m	
					<b>Remarks</b> Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment. Groundwater was not encountered during excavation. Trial pit generally remained stable during excavation. Trial pit backfilled with arisings upon completion.	
					<b>Scale (approx)</b> 1:50	
					<b>Logged By</b> DOP	
					<b>Figure No.</b> WB307-01.TP13	



Machine : JCB 3CX Method : Trial Pit		Dimensions 1.2m x 2.2m	Ground Level (mOD) 54.27	Client Keltbray Holdings Limited	Job Number WB307-01			
		Location (dGPS) 506941.37, 187422.99	Dates 05/04/2022	Engineer DOP	Sheet 1/1			
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.30	ES			54.07	(0.20) 0.20 (0.30) 0.50	TOPSOIL: Dark brown very clayey silty gravelly fine to coarse SAND. Gravel is angular to sub-angular fine to coarse flint with fine rootlets.		
0.75	B			53.77	(0.60)	MADE GROUND: Greyish brown very clayey very gravelly fine to coarse SAND. Gravel is very angular to sub-rounded fine to coarse concrete, brick fragment and flint with occasional cobbles of concrete.		
1.10	HSV 57kPa	55, 58, 58/Avg. 57.00		53.17	1.10 (0.90)	Cable encountered at 0.3m bgl. MADE GROUND: Brown very clayey slightly sandy sub-rounded to rounded fine to coarse GRAVEL of flint and quartz with flint cobbles.		
2.00	HSV 68.67kPa	60, 78, 68/Avg. 68.67		52.27	2.00 (1.00)	Firm orangish brown mottled grey slightly silty slightly sandy CLAY. Firm, locally stiff, friable orangish brown mottled grey slightly silty sandy CLAY. Becomes stiff with extremely weak weathered mudstone gravels below 2.3m bgl.		
2.80	D			51.27	3.00	Complete at 3.00m		

**Remarks**

Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment.  
Dead electricity cable encountered at 0.3m bgl.  
Groundwater was not encountered during excavation.  
Trial pit generally remained stable during excavation.  
Trial pit backfilled with arisings upon completion.

Scale (approx)

Logged By

Figure No.

1:50

DOP

WB307-01.TP14



Site					Trial Pit Number	
Breakspear Road South, Ickenham					TP15	
Machine : JCB 3CX		Dimensions	Ground Level (mOD)		Client	
Method : Trial Pit		0.6m x 2.3m			Keltbray Holdings Limited	
Location (dGPS)		Dates	Engineer		Sheet	
		06/04/2022	DOP		1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description
0.30	B				(0.20) 0.20 (0.30) 0.50	TOPSOIL: Grass over very clayey gravelly fine to coarse SAND. Gravel is sub-angular to sub-rounded fine to coarse flint and chalk with fine rootlets.
0.80	HSV 46.67kPa		44, 48, 48/Av. 46.67		(1.20)	MADE GROUND: Brown very clayey sandy sub-angular to sub-rounded fine to coarse GRAVEL of flint, quartz and rare brick fragment with fine rootlets.
1.00	B					Firm orangish brown mottled light grey slightly silty slightly sandy CLAY.
1.60	HSV 72.67kPa		66, 80, 72/Av. 72.67		1.70	Firm, locally stiff, below 1.5m bgl.
2.20	D				(1.70)	Firm, locally stiff, organish brown mottled light grey slightly silty slightly sandy slightly gravelly CLAY. Gravel is sub-angular fine to coarse extremely weak weathered mudstone.
					3.40	Frequent cobbles of extremely weak weathered mudstone below 2.8m bgl.
						Complete at 3.40m
					Remarks	
					Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment. Groundwater was not encountered during excavation. Trial pit generally remained stable during excavation. Trial pit backfilled with arisings upon completion.	
					Scale (approx)	Logged By
					1:50	DOP
					Figure No.	
					WB307-01.TP15	



			Site			Trial Pit Number	
			Breakspear Road South, Ickenham			TP16	
Machine : JCB 3CX		Dimensions	Ground Level (mOD)	Client		Job Number	
Method : Trial Pit		0.6m x 2.2m	54.81	Keltbray Holdings Limited		WB307-01	
Location (dGPS)		506896.02, 187449.88	Dates	Engineer		Sheet	
			04/04/2022	DOP		1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	
0.70	HSV 47.33kPa D		45, 47, 50/Av. 47.33	54.41	(0.40) 0.40 (1.60)	TOPSOIL: Grass over very clayey gravelly fine to coarse SAND. Gravel is sub-angular to sub-rounded fine to coarse flint and chalk with fine rootlets.	
1.50	HSV 66.67kPa B		65, 65, 70/Av. 66.67	52.81	2.00 (0.80)	Firm orangish brown mottled light grey slightly silty slightly sandy CLAY.	
2.20	HSV 75.33kPa		74, 74, 78/Av. 75.33	52.01	2.80 (0.90)	Firm, locally stiff orangish brown mottled light grey friable slightly silty slightly sandy CLAY.	
2.60	HSV 75kPa D		78, 74, 73/Av. 75.00	51.11	3.70	Stiff orangish brown mottled light grey friable slightly silty slightly sandy slightly gravelly CLAY. Gravel is sub-angular fine to coarse extremely weak weathered mudstone.	
3.60	HSV 91.67kPa		95, 86, 94/Av. 91.67			Complete at 3.70m	
				<p><b>Remarks</b></p> <p>Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment. Groundwater was not encountered during excavation. Trial pit generally remained stable during excavation. Trial pit backfilled with arisings upon completion.</p>			
				Scale (approx)	Logged By	Figure No.	
				1:50	DOP	WB307-01.TP16	



Machine : JCB 3CX Method : Trial Pit		Dimensions 0.6m x 2.3m	Ground Level (mOD) 55.27	Client Keltbray Holdings Limited	Job Number WB307-01			
		Location (dGPS) 506863.61, 187418.75	Dates 05/04/2022	Engineer DOP	Sheet 1/1			
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.30	ES			55.07	(0.20)	MADE GROUND: Concrete.		
0.50	HSV 96kPa	98, 90, 100/Av. 96.00		54.82	(0.25)	MADE GROUND: Light brown very sandy angular to sub-angular GRAVEL of limestone, sandstone, quartz and occasional brick fragment. (sub-base)		
1.00	HSV 51kPa	46, 55, 52/Av. 51.00		54.57	(0.25)	Plastic membrane at 0.2m bgl.		
1.00	B				0.70	Probably MADE GROUND: Stiff to very stiff dark greyish brown slightly silty slightly sandy CLAY. (probably reworked natural) Hessian lining at 0.45m bgl.		
2.00	HSV 75.33kPa	70, 72, 84/Av. 75.33		53.27	(1.30)	Firm orangish brown mottled light grey slightly silty slightly sandy CLAY.		
2.20	HSV 83.33kPa	82, 74, 94/Av. 83.33			2.00	Firm, locally stiff, orangish friable orangish brown mottled light grey slightly silty sandy slightly gravelly CLAY. Gravel is sub-angular fine to coarse extremely weak weathered mudstone.		
					(1.10)	Stiff, locally very stiff, below 2.8m bgl.		
				52.17	3.10	Complete at 3.10m		

**Remarks**

Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment.  
Groundwater was not encountered during excavation.  
Trial pit generally remained stable during excavation.  
Trial pit backfilled with arisings upon completion.

Scale (approx)

Logged By

Figure No.

1:50

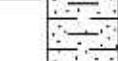
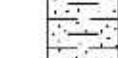
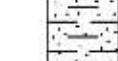
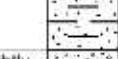
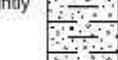
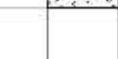
DOP

WB307-01.TP17



			Site			Trial Pit Number	
			Breakspear Road South, Ickenham			TP18	
Machine : JCB 3CX		Dimensions	Ground Level (mOD)	Client		Job Number	
Method : Trial Pit		0.6m x 2.2m	56.24	Keltbray Holdings Limited		WB307-01	
Location (dGPS)		506860.64, 187454.67	Dates	Engineer:		Sheet	
			04/04/2022	DOP		1/1	
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	
0.80	HSV 55.33kPa B		48, 58, 60/Av. 55.33	55.84	(0.40) 0.40 (0.60) 1.00 (1.00)	TOPSOIL: Grass over very clayey gravelly fine to coarse SAND. Gravel is sub-angular to sub-rounded fine to coarse flint and chalk with fine rootlets.  Probably MADE GROUND: Firm brown slightly sandy CLAY with occasional chalk and flint gravels. (Probably reworked natural material)  Firm brown slightly sandy CLAY.	
1.70	HSV 52.33kPa D		52, 52, 53/Av. 52.33	54.24	2.00	Firm becoming stiff brown mottled light grey friable silty sandy slightly gravelly CLAY. Gravel is sub-angular fine to coarse extremely weak weathered mudstone.	
2.20	HSV 78kPa		78, 78, 78/Av. 78.00		(1.50)		
3.00	HSV 78kPa		78, 78, 78/Av. 78.00				
3.20	D			52.74	3.50	Complete at 3.50m	
				<p><b>Remarks</b></p> <p>Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment. Groundwater was not encountered during excavation. Trial pit generally remained stable during excavation. Trial pit backfilled with arisings upon completion.</p>			
				Scale (approx)	Logged By	Figure No.	
				1:50	DOP	WB307-01.TP18	



Machine : JCB 3CX Method : Trial Pit		Dimensions 0.6m x 2.4m		Ground Level (mOD) 57.51		Client Keltbray Holdings Limited		Job Number WB307-01
		Location (dGPS) 506829.04, 187464.00		Dates 04/04/2022		Engineer DOP		Sheet 1/1
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description		Legend
0.30	ES				(0.40)	TOPSOIL: Grass over very clayey gravelly fine to coarse SAND. Gravel is sub-angular to sub-rounded fine to coarse flint and chalk with fine rootlets.		
0.50	HSV 54.33kPa		53, 53, 57/Av. 54.33	57.11	0.40			
0.50	B				(0.60)	Probably MADE GROUND: Firm brown slightly sandy slightly gravelly CLAY. Gravel is sub-angular to sub-rounded fine to coarse chalk and flint. (Probably reworked natural material)		
					56.51	1.00	Firm brown slightly sandy CLAY.	
1.50	D							
1.70	HSV 53.67kPa		50, 53, 58/Av. 53.67		(1.60)	Becomes firm, locally stiff, below 2.0m bgl.		
2.20	HSV 67.67kPa		65, 65, 73/Av. 67.67					
2.60	HSV 83kPa		83, 83, 83/Av. 83.00	54.91	2.60	Firm to stiff grey mottled brown friable slightly sandy slightly gravelly CLAY. Gravel is sub-angular fine to coarse of highly weathered extremely weak mudstone.		
2.90	HSV 84.67kPa		80, 85, 89/Av. 84.67		(0.50)			
3.00	D			54.41	3.10	Complete at 3.10m		



### Remarks

Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment.  
Groundwater was not encountered during excavation.  
Trial pit generally remained stable during excavation.  
Trial pit backfilled with arisings upon completion.

**Scale (approx)**

Logged By

Figure No.

WB307-01 TP19



			Site Breakspear Road South, Ickenham			Trial Pit Number <b>TP20</b>			
Machine : JCB 3CX Method : Trial Pit		Dimensions 0.6m x 2.2m	Ground Level (mOD) 45.17		Client Keltbray Holdings Limited				
		Location (dGPS) 507142.70, 187316.64	Dates 04/04/2022		Engineer DOP				
Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend		
0.50	ES			44.87	(0.30) 0.30	TOPSOIL: Grass over clayey gravelly fine to coarse SAND. Gravel is sub-angular fine to coarse brick fragment, flint and sandstone with fine rootlets.			
0.80	HSV 37kPa		35, 38, 38/Av. 37.00	44.07	(0.80) 1.10	MADE GROUND: Firm, locally soft, brown mottled grey silty, slightly sandy gravelly CLAY. Gravel is sub-angular to sub-rounded fine to coarse flint. (Reworked natural material)			
1.60	HSV 53.67kPa B		46, 55, 60/Av. 53.67		(1.70)				
2.20	HSV 36kPa		35, 38, 35/Av. 36.00			Becomes firm, locally stiff, below 2.2m bgl.			
2.60	HSV 59.33kPa D		50, 68, 60/Av. 59.33	42.37	2.80				
2.60	HSV 71kPa		65, 70, 78/Av. 71.00			Complete at 2.80m			
				<p><b>Remarks</b></p> <p>Trial pit cleared for services by Midland Surveys Ltd using specialist CAT scanning and GPR equipment. Groundwater was not encountered during excavation. Trial pit generally remained stable during excavation. Trial pit backfilled with arisings upon completion.</p>					
				Scale (approx)	Logged By	Figure No.			
				1:50	DOP	WB307-01.TP20			