

# M25 junction 10/A3 Wisley interchange TR10030

## 6.5 Environmental Statement: Appendix 10.6 Summary of historical ground investigation

Regulation 5(2)(a)  
Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009



## **Infrastructure Planning**

### **Planning Act 2008**

#### **The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 (as amended)**

### **M25 junction 10/A3 Wisley interchange**

#### **The M25 junction 10/A3 Wisley interchange Development Consent Order 202[x ]**

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#### **6.5 ENVIRONMENTAL STATEMENT:**

#### **APPENDIX 10.6 SUMMARY OF HISTORICAL GROUND INVESTIGATION**

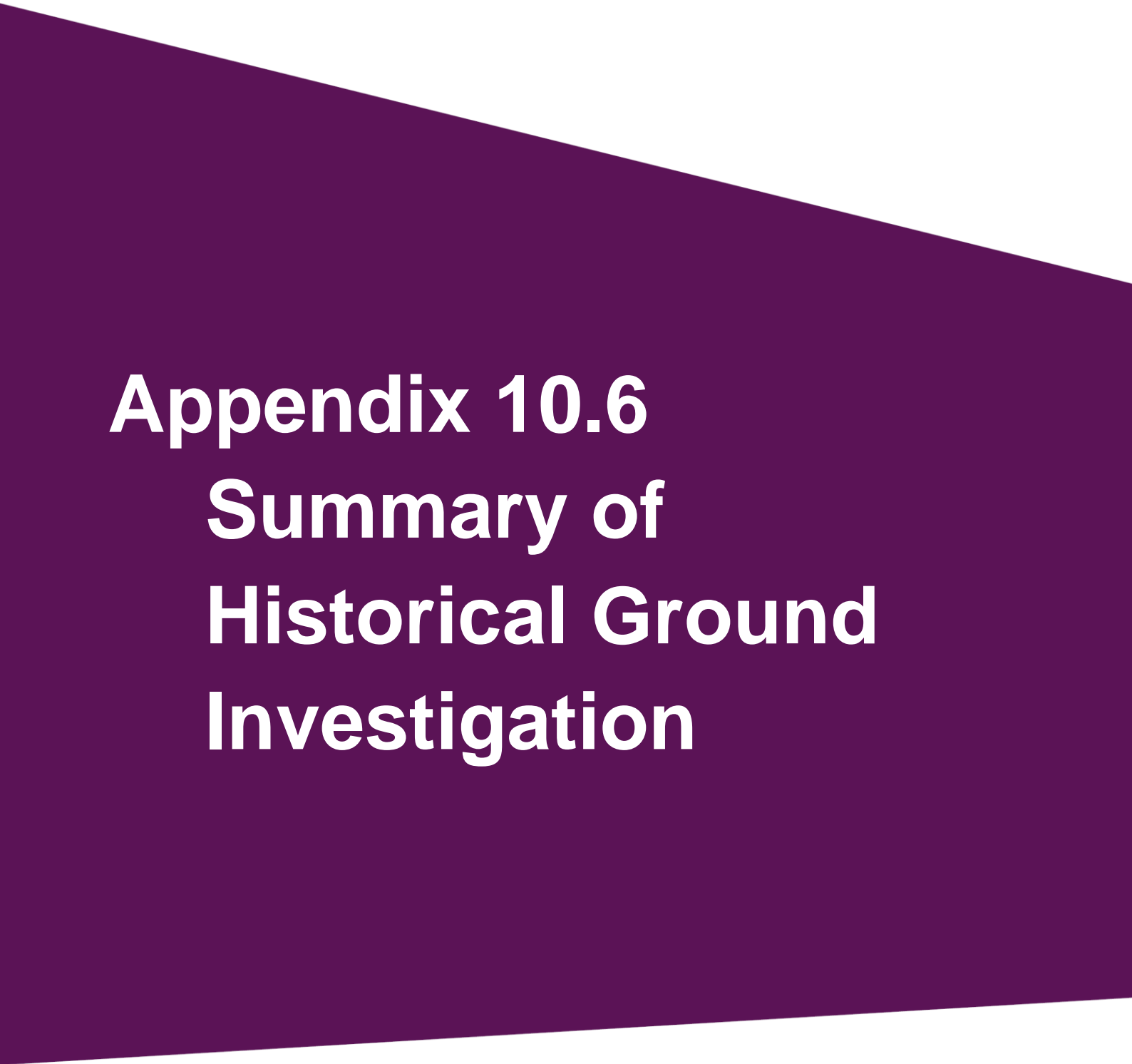
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# **Appendix 10.6**

## **Summary of Historical Ground Investigation**

## 10.1 Summary of Historical Ground Investigation

**Table 10.1.1: Summary of anticipated geology within the Scheme and study area**

Deposit	Period	Group	Formation	Member	BGS description <sup>1,2</sup>	Geological unit anticipated	
						Within the Scheme	Within study area
Artificial ground	-	-	-	Landfill/ infill material	Materials deposited in various historical landfill sites and infilled areas. The exact composition remains unknown although where records are available, the landfills are recorded as comprising inert material. Some historical landfills operated by Balfour Beatty are likely to be infilled borrow pits whose contents are likely to contain waste construction materials. Other likely materials include glass, concrete, bricks, tiles, soils and stones.	Yes	North, south, east and west
	-	-	-	Made Ground	Highly variable materials associated with construction or infilling of ground. Made Ground is anticipated at embankments, slip roads associated with the M25 and A3, infilled pits and ponds and beneath existing development/infrastructure. Made Ground is likely to comprise reworked locally sourced superficial and bedrock deposits and may contain varying amounts of anthropogenic material.	Yes	North, south, east and west
Superficial	Quaternary	-	-	Alluvium	Normally soft to firm consolidated, compressible silty clay, but can contain layers of silt, sand, peat and basal gravel. A stronger, desiccated surface zone may be present.	Yes	North, south, east and west

<sup>1</sup> BGS (2019). Geology of Britain Viewer. Accessed on 08/05/2019 from <http://mapapps.bgs.ac.uk/geologyofbritain/home.html?>

<sup>2</sup> BGS (2019). The BGS Lexicon of Named Rock Units. Accessed on 08/05/2019 from <https://www.bgs.ac.uk/lexicon/home.html>



Deposit	Period	Group	Formation	Member	BGS description <sup>1,2</sup>	Geological unit anticipated	
						Within the Scheme	Within study area
		-	-	River Terrace Deposits (undifferentiated)	Sand and gravel, locally with lenses of silt, clay, various organics and/or peat.	Yes	Localised and sporadic in south-east and north
		Thames Catchment Subgroup	Maidenhead Formation	Kempton Park Gravel Member	Sandy, silty gravels and clayey sands, locally with lenses of silt, clay and/or peat. Range in colour from yellows to browns and grey.	Yes	South and west
				Taplow Gravel Member	Clayey sands and gravels to dense sands with coarse gravels. Locally may contain lenses of silt, clays. Gravel comprises various lithologies including flint.	No	East
				Lynch Hill Gravel Member	Medium dense to dense sandy gravel. Gravels are fine to coarse comprising various lithologies. Occasionally clayey. Predominantly brown in colour.	Yes	North, south and west
Bedrock	Paleogene	Thames Group	Bagshot Formation	-	Generally pale yellow-brown to pale grey or white, locally orange or crimson, fine to coarse grained sand that is frequently micaceous and locally clayey. Contains sparse glauconite and sparse seams of gravel. Commonly cross-bedded occasionally laminated. Thin beds and lenses of laminated pale grey to white sandy or silty clay or clay ('pipe-clay') occur sporadically, becoming thicker towards the top of the formation. A thick clay bed, the Swinley Clay Member, is included at the top of the unit. In places, there is a basal bed of gravelly coarse-grained sand.	Yes	North, south, east and west
			London Clay Formation	Claygate Member	Generally, comprises dark grey clays with sand laminae, passing up into thin alternations of clays, silts and fine-grained sand, with beds of bioturbated silt.	Yes	North, south, east and west

Deposit	Period	Group	Formation	Member	BGS description <sup>1,2</sup>	Geological unit anticipated	
						Within the Scheme	Within study area
					Ferruginous concretions and septarian nodules occur in places.		
				-	Mainly comprises bioturbated or poorly laminated, blue-grey or grey-brown, slightly calcareous, silty to very silty clay, clayey silt and sometimes silt, with some layers of sandy clay. Commonly contains thin beds of carbonate concretions ('cementstone nodules') and disseminated pyrite. It also includes a few thin beds of shells and fine sand partings or pockets of sand, which commonly increase towards the base and towards the top of the formation. At the base, and at some other levels, thin beds of black rounded flint gravel occur in places. Glauconite is present in some of the sands and in some clay beds, and white mica occurs at some levels. Frequently fissured.	Yes	North, south, east and west

**Table 10.1.2: Summary of geology from publicly available logs of boreholes**

Area located within Scheme and reference	Name	Unit (Typical Description)	Length of stratum (mbgl)	Water strike	Groundwater monitoring	Signs of contamination
Byfleet (HAGDMS)	BH05866A	MADE GROUND Tarmac and concrete over sand fill	0-3.15	none encountered	N/A	No signs of contamination
		TAPLOW TERRACE GRAVEL Firm to stiff dark brown locally mottled yellow and orange brown silty sandy clay with some to much fine to coarse gravel sized fragments of ironstone and flint	3.15-8.0+			
		BAGSHOT FORMATION Firm to very dense dark grey silty fine to medium sand	8.0-15			
	BH06306B	MADE GROUND dense light yellow to brown slightly silty fine to coarse san with fine to coarse gravel of flint	0-1.8	2.8m bgl	N/A	No signs of contamination
		ALLUVIUM light yellow brown slightly silty fine to coarse sand	1.8-2.0			
		TAPLOW TERRACE GRAVEL Dense light yellow slightly silty sand and gravel	2.0-3.8			
		BAGSHOT FORMATION Firm grey silty fine sandy clay	3.8-20.0+			
	BH06612A	MADE GROUND medium dense light yellow to orange brown clayey very silty fine to medium sand	0-2.6	4.7	N/A	No signs of contamination
		TAPLOW TERRACE GRAVEL dense to very dense brown silty locally slightly clayey fine to coarse sand	2.6-5.6			
		BAGSHOT FORMATION dense to very dense grey slightly clayey very silty fine occasionally medium sand	5.6-15.0+			
	BH07075A	MADE GROUND dense occasionally very dense light yellow and orange brown slightly silty fine to medium sand	0-4.0	water strike at 7.1m bgl	N/A	No signs of contamination
		ALLUVIUM dense light brown slightly silty sand with occasional gravel	4.0-6.5			
		TAPLOW TERRACE GRAVEL loose medium dense brown and orange fine to medium sand with occasional coarse gravel	6.5-7.5			
		BAGSHOT FORMATION very dense to dense slightly clayey silty fine to medium sand with occasional gravel of flint, quartz and sandstone	7.5-19.7+			
Buxton Wood (HAGDMS)	camera 165	SAND dark brown slightly silty fine to medium, with a little flint gravel	0-0.5	2.2m bgl	N/A	No signs of contamination
		SAND dark grey with grey mottling clayey silty and fine	0.5 = 5.0			
		CLAY dark grey silty to very silty	5.0-10+			
	camera 163	SAND medium dense brown silty fine to medium, with some topsoil, roots, and rootlets	0- 1.0	none encountered	N/A	No signs of contamination
		SAND medium dense to dense light yellowish brown silty fine to medium, with occasional laminations of stiff brown silty clay	1.0-10.0+			
	BH08562B	MADE GROUND medium dense brown clayey silty fine to medium sand with occasional fine gravel and flint	0-3.3	none encountered	N/A	No signs of contamination
		TAPLOW TERRACE GRAVEL medium dense grey to brown slightly clayey silty fine to coarse sand	3.3-6.0			
		BAGSHOT FORMATION very dense to medium dense grey silty to very silty fine to coarse sand with fine rare gravel	6.0-20.0+			
	C007820B	MADE GROUND very stiff grey mottled brown silty sandy clay	0-4.6	none encountered	N/A	No signs of contamination
		TAPLOW TERRACE GRAVEL dense brown slightly silty fine to coarse sand and fine to coarse gravel	4.6-5.8			
		BAGSHOT FORMATION soft to firm blue grey silty fine sandy clay with rare sand and gravel	5.8-20.0+			
Wisley (HAGDMS)	BH27	CLAY fine grey/brown mottled laminated silty	0-3.6	none encountered	N/A	No signs of contamination
		CLAY stiff grey finely laminated silty, with silt on the laminations	3.6-15.0+			
	BH29	CLAY firm brown and grey fine laminated silty, with silt on the laminations	0-10.0+	none encountered	N/A	No signs of contamination
	BH30	CLAY firm grey/brown mottled laminated and fissured AND silty, with silt on the laminations and fissures	0-15.0+	none encountered	N/A	No signs of contamination
	BH32	TOP SOIL	0.0-0.1	water strike at 5.0m bgl	N/A	No signs of contamination
		SAND grey brown mottled silty, clayey at some levels	0.1-5.0			
	BH33	TOP SOIL	0.0-0.2	water strike at 6.6m bgl	N/A	No signs of contamination
		SAND fine grey brown silty, with occasional clay	0.2-10.0+			
	BH34	TOP SOIL	0.0-0.2	seepage at 7.0m bgl	N/A	No signs of contamination
		SAND grey brown, with root fibres at upper levels	0.2-4.6			



		CLAY firm brown silty, with pockets and partings of silt	4.6-6.0			
		SAND grey silty, clayey in places	6.0-10.0+			
	BH35	TOP SOIL	0.0-0.2	none encountered	N/A	No signs of contamination
		SILT black and sandy	0.2-1.0			
		SAND light brown, slightly clayey in places	1.0-3.0+			
	BH36	SAND light brown, with root fibres at upper levels and occasional clay nodules	0-10.0+	none encountered	N/A	No signs of contamination
	BH37	TOP SOIL	0.0-0.15	none encountered	N/A	No signs of contamination
		CLAY firm brown mottled and silty, with silt on the laminations	0.15-5.0+			
	BH38	TOP SOIL	0.0-0.1	none encountered	N/A	No signs of contamination
		CLAY firm dark brown and silty with silt on the laminations	0.1+10.0+			
Painshill (BGS, 2019)	TQ06SE16	TOP SOIL	0.0-0.61	3.05m bgl (12.42m AOD)	1.37m bgl (14.1mAOD)	No signs of contamination
		CLAY stiff mottled grey and brown silty and occasionally sandy	0.61-3.05			
		SAND loose grey and clayey	3.05-4.42			
		SAND loose brown and grey with occasional gravel	4.42-8.84			
		CLAY grey and silty with occasional gravel and sand	8.84-13.11			
		CLAY very stiff grey, sandy and silty	13.11-15.24+			
	TQ06SE18	TOP SOIL	0.0-0.46	3.96m bgl (11.41m AOD)	1.52m bgl (13.84m AOD)	No signs of contamination
		CLAY firm, mottled brown/ grey, sandy	0.46-4.88			
		SAND loose brown with occasional flint gravel	4.88-6.4			
		SAND AND GRAVEL loose brown, gravel is flint	6.4-10.97			
		SAND loose grey, silty	10.97-11.73			
		CLAY stiff to very stiuff grey and silty with pockets of grey-brown silty fine sand	11.73-15.24+			
	TQ06SE72/A-B	MADE GROUND sandy clay	0-1.0	Wet from 3.4m bgl (22.4m AOD)	N/A	No signs of contamination
		SAND brown silty	1.0-2.2			
		SAND pale brown/yellow some gravel and roots	2.2-4.35+			
	TQ06SE15	SAND dark brown with occasional flint gravel	0.0-1.68	none encountered	none encountered	No signs of contamination
		SAND grey and brown, clayey with pockets or bands of sandy clay and occasionally silty	1.68-4.87			
		SAND very dense yellow brown clayey	4.87-10.67			
		CLAY stiff to very stiff grey with silt and sand: clay becoming grey-brown and sandy with depth	10.67-14.78			
		SAND dense grey silty with bands of clay with depth	14.78-22.86+			
	TQ06SE13	FILL brown silty sand with occasional gravel and brick fragments	0.0-0.46	none encountered	none encountered	No signs of contamination
		SAND medium dense to dense brown silty, occasionally clayey, with occasional fine gravel	0.46-4.88			
		SAND dense grey-brown silty with occasional fine gravel and bands of sandy silty clay	4.88-8.38			
		SAND dense green-grey and green-brown very silty	8.38-13.11			
		CLAY very stiff blue-grey silty with partings of brown fine sand; clay becoming grey and more sandy with depth	13.11-16.15			
		SAND medium dense grey and clayey	16.15-17.07			
		CLAY firm grey sandy with gravel	17.07-17.68			
		SAND dense grey and green-grey clayey and occasionally silty	17.68-22.86+			
	TQ06SE14	TOP SOIL	0.0-0.3	9.14m bgl (22.86m AOD)	N/A	No signs of contamination
		SAND brown occasionally silty with rare gravel	0.3-3.66			
		SAND brown clayey fine with bands of sandy silty clay	3.66-5.79			
		SAND grey and clayey with occasional bands of sandy silty clay	5.79-8.38			
		SAND dense grey and silty	8.38-14.17			

		CLAY very stiff grey, sandy and silty with pockets and bands of sand	14.17-18.29			
		SAND dense grey and silty with occasional bands of clay and becoming more clayey with depth	18.29-22.86+			
	TQ06SE167	TOP SOIL	0-0.46	none encountered	none encountered	No signs of contamination
		SAND AND GRAVEL brown and clayey	0.46-1.07			
		GRAVEL dense brown and sandy	1.07-3.05			
		SAND dense grey and brown becoming grey, occasional layers of clay	3.05-7.62			
		SAND grey and orange clayey	7.62-10.67			
		SAND very dense grey and silty	10.67-13.11+			
	TQ06SE12	TOP SOIL	0.0-0.46	none encountered	none encountered	No signs of contamination
		SAND brown occasionally silty	0.46-1.75			
		SAND mottled brown and grey and clayey	1.75-2.59			
		SAND brown and clayey	2.59-3.05+			
	TQ06SE9	TOP SOIL	0.0-0.01	none encountered	none encountered	No signs of contamination
		SAND dark brown silty with occasional roots and fine gravel	0.01-0.69			
		SAND brown and silty with gravel	0.69-1.07			
		CLAY grey and sandy	1.07-1.3			
		SAND light brown and silty	1.3-2.49+			
	TQ06SE11	SAND dark brown and silty with occasional roots and gravel	0.0-0.45	none encountered	none encountered	No signs of contamination
		SILT brown, sandy and clayey	0.45-1.07			
		SAND brown with occasional gravel	1.07-1.45			
		SAND brown, clayey	1.45-2.06			
		SAND brown, silty with gravel	2.06-2.44+			
	TQ06SE7	TOP SOIL	0.0-0.05	1.52m bgl (25.07m AOD)	0.91m bgl (25.68m AOD)	No signs of contamination
		SAND dark brown, silty, organic with roots and gravel	0.05-0.31			
		SAND dark brown organic and silty	0.31-0.91			
		CLAY mottled yellow-brown and brown, sandy and silty	0.91-1.22			
		SAND mottled yellow-brown and grey	1.22-1.52			
	TQ06SE8	TOP SOIL	0.0-0.05	none encountered	none encountered	No signs of contamination
		SAND dark brown with occasional roots and gravel	0.05-0.84			
		SAND dark brown and silty with occasional roots and gravel	0.84-1.22			
		SAND brown	1.22-1.52+			
Redhill Road (BGS, 2019)	TQ05NE235	TOP SOIL	0.0-0.3	none encountered	none encountered	No signs of contamination
		CLAY stiff-hard yellowish brown silty and sandy with occasional flint fragments and roots	0.3-1.3			
		CLAY stiff light green very sandy with occasional flint fragments	1.3-2.1			
		CLAY firm becoming stiff, thinly laminated brown mottled light grey and yellowish brown and silty	2.1-6.0			
		SAND light yellowish grey becoming light grey silty fine-medium with occasional pockets of soft light greyish brown silty clay	6.0-11.0			
		light brown very silty, occasionally clayey SAND	11.0-15.0+			
	TQ05NE148	TOP SOIL	0.0-0.15	seepage at 14m bgl (33.66m AOD)	N/A	No signs of contamination
		SAND brown	0.15-1.0			
		CLAY firm grey/brown mottled laminated and silty with silt on the laminations	1.0-3.6			
		CLAY stiff grey and finely laminated with silt on the laminations	3.6-15.0+			
	TQ05NE236	MADE GROUND topsoil, brick fragments. Firm, brown and silty with roots	0.0-1.0	none encountered	none encountered	No signs of contamination
		CLAY stiff fissured, brown mottled grey silty and slightly sandy with rootlets and gravel	1.0-2.0			

		CLAY stiff fissured and horizontally bedded dark brown mottled orange brown and very silty with silt on fissures and bedding planes	2.0-3.0			
		CLAY stiff becoming very stiff to hard lamianted, dark grey and silty with silt present on the laminations	3.0-14.0			
		SAND very dense, layered light grey brown occasionally mottled orange and silty with occasional very thin bands of sandy silty clay	14.0-17.0			
		SAND very dense, light brown and slightly silty, with occasional very thin bands of silty clay and contains rootlets	17.0-19.0			
		SAND brown, silty	19.0-2.0+			
	TQ05NE234	TOP SOIL	0.0-0.1	none encountered	none encountered	No signs of contamination
		CLAY very stiff thinly laminated brown mottled light grey and yellow brown and very silty with silt on laminations	0.1-1.6			
		CLAY firm laminated dark grey mottled light grey and silty with silt along laminations	1.6-4.0			
		CLAY stiff becoming very stiff thinly lamianted dark grey and silty with silt on laminations	4.0-15.0			
		CLAY very stiff to hard thinkly laminated dark brown mottled yellowish brown and silty	15.0-15.7			
		SAND light grey/ brown	15.7-16.0+			
	TQ05NE149	TOP SOIL	0.0-0.15	none encountered	none encountered	No signs of contamination
		CLAY firm grey/brown mottled laminated and fissured, silty with silt on the laminations and fissures	0.15-6.0			
		CLAY stiff grey finely laminated and silty, with silt on the laminations and some fragments of siltstone	6.0-15.0+			
	TQ05NE157	TOP SOIL	0.0-0.15	14.0m bgl (27.71m AOD)	N/A	No signs of contamination
		CLAY firm brown finely laminated, silty with silt on the laminations	0.15-2.0			
		CLAY stiff grey finely laminated and silty with silt on the laminations	2.0-14.0			
		CLAY dark brown and finely laminated	14.0-14.45			
		SILT fine brown silty sand and sandy	14.45-15.0+			
Junction 10 (BGS, 2019)	TQ05NE166	CLAY firm brown and brown/grey laminated and silty with silt in the laminations	0.0-2.5	none encountered	none encountered	No signs of contamination
		CLAY stiff dark brown finely laminated and silty with silt in the laminations	2.5-10.0+			
	TQ05NE176	CLAY firm brown and brown/grey mottled laminated and fissured, silty	0.0-4.0	none encountered	none encountered	No signs of contamination
		CLAY stiff dark grey finely laminated and silty, with silt in the laminations	4.0-5.0+			
	TQ05NE175	TOP SOIL	0.0-0.2	seepage at 8.6m bgl (19.44m AOD) and strike at 16.0m bgl (12.04m AOD)	N/A	No signs of contamination
		SAND grey-brown and silty with layers of sandy clay	0.2-9.0			
		CLAY stiff grey silty, with lenses of silt and gravel	9.0-18.0			
		SAND fine grey and silty	18.0-20.0+			
	TQ05NE182	TOP SOIL	0.0-0.45	water strike at 4.0m bgl (21.66m AOD)	N/A	No signs of contamination
		CLAY firm grey/brown mottled, silty and sandy becoming grey-brown silty sand with clay nodules	0.45-6.6			
		SILT AND SAND fine grey containing clay at some levels	6.6-10.0+			
	TQ05NE174	TOP SOIL	0.0-0.3	water strike at 4.6m bgl (22.02m AOD)	N/A	No signs of contamination
		SAND dark brown with layers of clay	0.3-2.0			
		SAND grey-brown and silty, clayey at some levels	2.0-6.0			
		SAND fine grey silty sand	6.0-10.0+			
	TQ05NE181	TOP SOIL	0.0-0.3	water strike at 14.7m bgl (11.25m AOD)	N/A	Black sand noted 0.3-0.9m bgl
		SAND fine brown and black	0.3-0.9			
		SAND grey-brown, clayey in places	0.9-7.45			
		SAND grey, silty and sandy silty containing clay at some levels	7.45-20.0			
	TQ05NE180	CLAY firm brown/grey mottled silty clay with root fibres	0-1.0	none encountered	none encountered	Black sand noted at 1.0-1.9m bgl
		SAND brown and black, slightly clayey in places	1.0-5.9			
		SAND AND SILT grey, clayey at some levels	5.9-10.0+			
	TQ05NE189	TOP SOIL	0.0-0.6	water strike at 5.0m bgl (19.78m AOD)	N/A	No signs of contamination
		SAND grey-brown, containing grey silty clay at some levels	0.6-7.0			
		SAND grey, containing grey silty clay at some levels	7.0-20.0+			

				and 10.0m bgl (14.78m AOD)		
TQ05NE188	TOP SOIL	0.0-0.6	water strike at 5.0m bgl (21.24m AOD)	N/A	No signs of contamination	
	SAND grey-brown containing clay at some levels	0.6-7.15				
	SAND grey, silty, containing clay at some levels	7.15-10.65+				
TQ05NE187	TOP SOIL	0.0-0.3	water strike at 14.0m bgl (11.52m AOD)	N/A	No signs of contamination	
	SAND dark brown and silty with root fibres	0.3-1.4				
	SAND grey-brown with thin layers of silty clay	1.4-5.7				
	SAND AND SILT grey containing clay at some levels	5.7-20.0+				
TQ05NE194	TOP SOIL	0.0-0.6	seepage at 4.0m bgl (21.28m AOD) and water strike at 13.0m bgl (12.28m AOD)	N/A	No signs of contamination	
	SAND grey-brown, containing thin layers of grey silty clay	0.6-6.3				
	SAND fine grey and silty, containing silty clay at some levels	6.3-13.0				
	SAND grey with occasional thin layers of grey silty clay	13.0-20.6+				
TQ05NE82	TOP SOIL	0.0-0.3	none encountered	non encountered	No signs of contamination	
	BAGSHOT FORMATION	0.3-3.0				
TQ05NE83	TOP SOIL	0.0-0.3	none encountered	non encountered	No signs of contamination	
	BAGSHOT FORMATION	0.3-3.0				
TQ05NE196	TOP SOIL	0.0-0.6	seepage at 1.0m bgl (21.67m AOD) and water strike at 8.0m bgl (14.67m AOD)	N/A	No signs of contamination	
	CLAY soft brown/grey mottled, sandy with stones	0.6-1.5				
	CLAY firm brown and sandy containing rounded stones	1.5-3.0				
	CLAY firm, grey, sandy, containing rounded stones at some levels	3.0-8.0				
	SAND grey with occasional clay nodules	8.0-13.0				
	SAND grey containing thin layers of grey silty clay	13.0-14.5				
	SAND grey, slightly clayey at some levels	14.5-20.6+				
TQ05NE201	TOP SOIL	0.0-0.6	water strike at 2.5m bgl (21.56m AOD)	N/A	No signs of contamination	
	SAND fine grey-brown, clayey at some levels	0.6-4.1				
	SAND fine grey silty containing layers of grey silty clay	4.1-10.65+				
TQ05NE202	TOP SOIL	0.0-1.0	Seepage at 1.5m bgl (22.51m AOD)	N/A	No signs of contamination	
	SAND fine grey-brown slightly silty and clayey in places	1.0-3.5				
	SILT fine grey sandy, slightly clayey, with silty sand	3.5-5+				
TQ05NE195	TOP SOIL	0.0-0.6	Seepage at 3.5m bgl (20.53m AOD) and water strike at 9.5m bgl (14.53m AOD)	N/A	No signs of contamination	
	SAND grey-brown, containaing layers of grey silty clay	0.6-4.1				
	SAND grey silty clayey, containing layers of grey silty clay	4.1-9.5				
	SAND grey, with clay nodules	9.5-10.6+				
TQ05NE192	SAND brown and grey-brown with root fibres at upper levels	0-4.5	water strike at 15.70m bgl (12.92m AOD)	N/A	No signs of contamination	
	SAND fine grey-brown, silty with thin layers of silty clay	4.5-5.7				
	SAND grey	5.7-10.5				
	SAND grey, silty and sandy silt with layers of grey silty clay	10.5-20.6+				
TQ05NE179	SAND fine grey-brown with layers of firm grey/brown mottled sandy clay	0.0-0.2	seepage at 3.7m bgl (19.3m AOD)	N/A	No signs of contamination	
	SAND grey silty and sandy silt with thin layers of grey silty clay	0.2-7.0+				
TQ05NE171	TOP SOIL	0.0-0.2	1.8m bgl (19.97m AOD)	N/A	No signs of contamination	
	SAND fine grey-brown and grey/brown mottled silty and clayey	0.2-1.8				
	SAND fine grey and silty, and clayey in places	1.8-3.0+				
TQ05NE170	TOP SOIL	0.0-0.25	2.4m bgl (19.03m AOD)	N/A	No signs of contamination	
	CLAY soft brown/grey mottled very sandy and silty with root fibres and occasional small stones	0.25-2.4				



		SAND fine grey silty and slightly clayey	2.4-5.0			
TQ05NE266		TOP SOIL	0.0-0.5	none encountered	non encountered	No signs of contamination
		BAGSHOT FORMATION dense light brown silty and fine sand, with many coarse gravel size pockets of clayey fine sand and occasional medium gravel size pockets of brown clay	0.5-1.55			
TQ05NE169		TOP SOIL	0.0-0.2	seepage at 5.0m bgl (15.83m AOD)	N/A	No signs of contamination
		SAND brown and slightly clayey in places	0.2-2.15			
		SAND fine, grey and silty, clayey in places	2.15-5.0			
TQ05NE167		TOP SOIL	0.0-0.3	4.0m bgl (19m AOD)	N/A	No signs of contamination
		SAND brown and clayey at some levels	0.3-2.5			
		SAND grey and silty, with sandy silt and thin layers of clay	2.5-15.0			
TQ05NE200		TOP SOIL brown sandy	0-1.0	seepage at 6.0m bgl (20.27m AOD) and water strike at 14m bgl (12.27m AOD)	N/A	No signs of contamination
		SAND fine grey-brown, clayey at some levels	1.0-6.0			
		SAND fine grey silty, containing layers of grey silty clay	6.0-14			
		SAND fine grey, with clay nodules	14-20.6+			
TQ05NE80		TOP SOIL	0.0-0.3	none encountered	N/A	No signs of contamination
		BAGSHOT FORMATION Buff and white medium to fine sand, pockets and partings of brown clay and silt	0.3-3.2			
		BAGSHOT FORMATION light brown clayey silty sand with some gravel	3.2-4.11+			
TQ05NE193		TOP SOIL	0.0-0.6	7.0m bgl (20.76m AOD)	N/A	No signs of contamination
		SAND brown and grey-brown containing clay at some levels	0.6-7.0			
		SAND grey and silty with thin layers of grey organic clay	7.0-10.65+			
TQ05NE81		TOP SOIL	0.0-0.20	none encountered	non encountered	No signs of contamination
		BAGSHOT FORMATION white and grey/brown medium to fine sand	0.2-4.11+			
TQ05NE78		TOP SOIL	0.0-0.61	Stike at 5.32 m bgl (23.45m AOD) and 6.27m bgl (22.5m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION white and grey/brown sand	0.61-5.22			
		BAGSHOT FORMATION mottled light grey and yellow silty sandy clay and silty fine sand	5.22-7.52			
		BAGSHOT FORMATION grey silty sand	7.52-11.58			
		BAGSHOT FORMATION grey clayey fine sandy silt with partings and pockets of fine sand	11.58-15.36			
		BAGSHOT FORMATION black pebbles and dark grey laminated clayey silt with laminations of fine sand	15.36-15.89			
		BAGSHOT FORMATION grey fine sand with pockets of clay and silt	15.89-20.11+			
TQ05NE178		TOP SOIL	0.0-0.3	none encountered	N/A	No signs of contamination
		SAND fine grey-brown with some clay nodules	0.3-3.2+			
TQ05NE79		TOP SOIL	0.0-0.2	Stike at 8.2m bgl (19.9m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION white and grey/brown sand with pockets of silt and brown clay	0.2-7.22			
		BAGSHOT FORMATION yellow and greenish grey silty sand	7.22-12.80			
		BAGSHOT FORMATION grey partially clayey silty sand with pockets of fine sand	12.8-20.11+			
TQ05NE58		TOP SOIL	0.0-0.3	2.7m bgl (24.39m AOD) and 14.59m bgl (12.5m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION white and buff fine sand with lenses of brown clay	0.3-1.83			
		BAGSHOT FORMATION light grey clayey silty fine sand with clay lenses	1.83-3.67			
		BAGSHOT FORMATION grey silty very fine sand	3.67-7.32			
		BAGSHOT FORMATION grey silt with lenses of very fine sand	7.32-11.89			
		BAGSHOT FORMATION grey slightly clayey fine sandy silt	11.89-14.59			
		BAGSHOT FORMATION dark grey medium to fine sand with layers and lenses of grey silty clay	15.59-20.11+			
TQ05NE177		TOP SOIL sandy	0.0-1.0	seepage at 2.5m bgl (20.03m AOD)	N/A	No signs of contamination
		SAND fine grey-brown and silty	1.0-5.0			
TQ05NE54		TOP SOIL	0.0-0.46			



		BAGSHOT FORMATION mottled brown sand	0.46-2.44	none encountered	none encountered	No signs of contamination
		BAGSHOT FORMATION light brown sand, clayey, with layers of grey silty clay	2.44-4.27			
		BAGSHOT FORMATION dark grey silty very fine sand	4.27-9.45			
		BAGSHOT FORMATION grey and sandy silt, inter-bedded with very fine sand	9.45-15.54			
		BAGSHOT FORMATION black pebbles and grey clayey sand	15.54-16.46			
		CLAYGATE BEDS interbedded layers and lenses of light brown and grey sand and dark grey very silty clay	16.46-20.0+			
	TQ05NE76	TOP SOIL	0.0-0.3	2m bgl (25.18m AOD), 4.5m bgl (22.68m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION brown sand into yellow/brown silty fine sand	0.3-4.27			
		BAGSHOT FORMATION grey very silty sand	4.27-8.84			
		BAGSHOT FORMATION grey fine sandy silt with zones of clayey silt or clayey fine sand	8.84-14.38			
		BAGSHOT FORMATION dark grey fissured laminated silty clay with sand lenses	14.38-15.54			
		BAGSHOT FORMATION interbedded lenses and layers of dark grey silty clay, silt and sand	15.54-20.11+			
	TQ05NE77	TOP SOIL	0.0-0.2	4.37 m bgl (23.41m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION grey/brown fine sand	0.2-2.13			
		BAGSHOT FORMATION light brown and yellow silty and clayey fine sand with clay partings	2.13-4.57			
		BAGSHOT FORMATION grey very silty very fine sand with clayey zones	4.57-9.75			
		BAGSHOT FORMATION grey fine sandy silt with clayey zones	9.75-15.24			
		BAGSHOT FORMATION grey clayey silty fine sand with occasional clay lenses	15.24-17.98			
		BAGSHOT FORMATION grey very silty clay with partings of fine sand	17.98-20.11+			
	TQ05NE197 (Pointers Road)	TOP SOIL	0.0-0.6	seepage at 1.0m bgl (21.44m AOD)	N/A	No signs of contamination
		SAND brown, containing layers of grey/brown mottled silty and sandy clay with root fibres	0.6-3.5			
		CLAY stiff and grey with lenses of grey silty sand	3.5-7.0+			
	TQ05NE190 (Pointers Road)	TOP SOIL	0.0-0.6	seepage at 5.0m bgl (19.49m AOD)	N/A	No signs of contamination
		CLAY firm brown silty slightly sandy, with occasional stones	0.6-2.15			
		SAND fine grey-brown silty slightly clayey	2.15-5.0			
		SILT fine grey/brown mottled and sandy	5.0-6.0			
		SILT grey sandy clayey and silty clay	6.0-10.65+			
	TQ05NE204	TOP SOIL	0.0-1.0	seepage at 5.0m bgl (23.89m AOD)	N/A	No signs of contamination
		SAND grey-brown containing root fibres at upper levels	1.0-5.0+			
	TQ05NE205	TOP SOIL	0.0-0.6	none encountered	N/A	No signs of contamination
		SAND fine grey-brown silty, clayey in places	0.6-6.1+			
	TQ05NE350	FILL (0.3m soil, 0.15m tarmacadam, 0.25m concrete)	0.0-0.7	strike at 4.65m bgl (23.55m AOD)	N/A	No signs of contamination
		SAND black	0.7-1.8			
		SAND, SILT and CLAY medium dense mottled grey-brown and orange	1.8-4.4			
		SAND dense grey clayey to very clayey very silty fine	4.4-5.2			
		SAND dense to very dense grey to green-grey silty to very silty, with occasional layers of green-grey sandy very silty clay or green-grey sandy very clayey silt	5.2-9.5			
		CLAY very stiff grey and sandy or very sandy and very silty, with occasional layers of grey silty clayey sand. Occasional pyritiferous nodules	9.5-14.45			
		CLAY alternating layers of stiff grey silty clay with lenses and thin layers of grey silty fine sand and very dense grey to green-grey fine to medium sand. Black gravel at 15.45m bgl	14.45-17.0			
		SAND very dense green-grey silty with occasional small lenses of green-grey, silty clay. Black gravel at 17.50m	17.0-20.0+			
	TQ05NE351	FILL tarmac and soil	0.0-0.4	4.0m bgl (23m AOD)	2.7m bgl (24.3m AOD)	No signs of contamination
		SAND medium dense yellow-brown fine to medium with occasional fine gravel	0.4-1.5			
		SAND medium dense mottled orange, orange-grey and grey clayey to very clayey silty fine	1.5-2.8			
		SAND dense green-grey clayey to very clayey and silty, with occasional thin layers and small lenses of grey silty clay	2.8-4.0			

M25, South-east of Byfleet (BGS, 2019)		SAND very dense grey slightly silty fine	4.0-8.9			
		SILT very stiff green-grey very sandy very clayey, with occasional lenses of silty fine sand and pyritiferous nodules	8.9-13.8			
		CLAY stiff grey fissured and silty, with lenses of grey fine to medium sand	13.8-14.95+			
	TQ05NE72	TOP SOIL	0.0-0.2	3.0, 6.0 and 15.54m bgl (12.85, 22.39 and 25.39m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION buff and mottled yellow clayey silty fine sand with clay partings	0.2-4.57			
		BAGSHOT FORMATION dark grey silty very fine sand with clayey zones, occasional silt laminations and cemented layers	4.57-10.06			
		BAGSHOT FORMATION grey slightly clayey fine sandy silt with lenses of fine sand and clayey silt	10.06-15.54			
		BAGSHOT FORMATION dark grey medium to fine sand with clay lenses and black pebbles at 17.37m bgl	15.51-20.1+			
	TQ05N273	TOP SOIL	0.0-0.2	3.5 and 6.0m bgl (23.42 and 25.92m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION grey medium to fine sand	0.2-1.37			
		BAGSHOT FORMATION buff silty clayey very fine sand with clay lenses in lower levels	1.37-5.49			
		BAGSHOT FORMATION light grey silty very fine sand with occasional layers of sandy silt and sandy clay	5.49-10.36			
		BAGSHOT FORMATION grey fine sandy clayey silt with partings and lenses of fine sand	10.36-14.63			
		BAGSHOT FORMATION grey medium to fine sand with lenses and layers of dark grey silty clay black pebbles at 18.29 m	14.63-20.1+			
	TQ05NE74	TOP SOIL	0.0-0.2	none encountered	none encountered	No signs of contamination
		BAGSHOT FORMATION brown clayey silty fine sand with clay lenses	0.2-1.85			
		BAGSHOT FORMATION yellow/brown silty sandy clay and fine sand with clay lenses	1.85-3.0+			
	TQ05NE75	TOP SOIL	0.0-0.3	none encountered	none encountered	No signs of contamination
		BAGSHOT FORMATION buff brown and grey/ green clayey and silty fine sand	0.3-3.0+			
	TQ05NE198	TOP SOIL	0.0-0.5	none encountered	none encountered	No signs of contamination
		SAND dark brown with traces of organic matter	0.5-1.45			
		SAND grey-brown	1.45-3.1+			
	TQ05NE199	TOP SOIL	0.0-0.6	none encountered	none encountered	No signs of contamination
		SAND grey-brown with layers of brown silty clay	0.6-5.0+			
	TQ05NE186	TOP SOIL sandy	0.0-0.6	none encountered	none encountered	No signs of contamination
		SAND grey-brown	0.6-1.45			
		SAND grey and grey-brown, silty and sandy silt, containing clay at some levels	1.45-10.0+			
	TQ05NE264	MADE GROUND medium dense brown slightly clayey silty sandy topsoil with many rootlets	0.0-0.5	0.5m bgl (20.8m AOD)	N/A	No signs of contamination
		MADE GROUND medium dense yellow/white silty fine to medium sand locally stained orange brown (iron) with many thin light brown very silty clay layers/ lenses, locally thinly laminated. Orange brown iron stained mottled at 2.5m.	0.5-3.2			
		MADE GROUND medium dense orange brown mottled light brown clayey very silty fine sandy with some heavy orange brown iron staining	3.2-3.4			
		BAGSHOT FORMATION medium dense to dense blue grey clayey to very clayey very silty fine sand with many fine sand partings	3.4-4.5+			
	TQ05NE265	TOP SOIL medium dense brown silty and sandy, with occasional rootlets	0.0-0.3	damp at 0.3m bgl (22.05m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION medium dense yellow/white silty fine to medium sand. Below 1.5m becoming mottled orange brown (iron stained) sand. Below 3.0m becoming slightly silty and predominantly medium sand	0.3-3.7			
		BAGSHOT FORMATION dense orange brown locally mottled orange very silty fine sand tending in places to fine sandy silt	3.7-4.0			
		BAGSHOT FORMATION dense blue grey slightly clayey very silty fine sand tending locally to fine sandy silt with many fine sand pockets and with single thin black lignite lenses	4.0-4.5+			
	TQ05NE302	TOP SOIL	0.0-0.5	none encountered	none encountered	No signs of contamination
		BAGSHOT FORMATION dense light brown silty fine sand with many coarse gravel size pockets of clayey fine sand and occasional medium gravel size pockets of brown clay	0.5-1.55+			
	TQ05NE158	TOP SOIL	0.0-0.25	seepage at 5.0m bgl (17.59m AOD)	N/A	No signs of contamination
		SAND grey-brown and silty, clayey in places	0.25-3.2			
		SAND fine grey and silty, clayey in places	3.2-5.0+			

	TQ05NE299	TOP SOIL	0.0-0.45	N/A	N/A	No signs of contamination
		SAND medium dense brown silty fine to medium, with some topsoil, roots and rootlets	0.45-1.0			
		SAND medium dense to dense light yellowish brown silty fine to medium, with occasional laminations of stiff brown silty clay, becoming dense at 4.0m,. At 5.0m contain occasional orange brown lenses and becoming very dense at 6.0m	1.0-10.0+			
	TQ05NE263	MADE GROUND medium dense brown silty sandy topsoil with many rootlets	0.0-0.4	damp at 0.4m bgl (21.66m AOD) and wet at 4.2m bgl (17.86m AOD)	N/A	No signs of contamination
		MADE GROUND medium dense yellow brown silty fine sand with occasional slightly clayey very silty pockets/lenses	0.4-1.2			
		BAGSHOT FORMATION medium dense yellow/white silty fine sand with occasional pockets/lenses of brown clayey silty fine to coarse sand. Below 3.5m becoming yellow/orange slightly mottled orange brown (iron staining). Below 4.2m becoming orange brown	1.2-4.5+			
	TQ05NE349	TOP SOIL black very peaty slightly sandy silty clay	0.0-0.5	0.4m bgl (18.5m AOD)	N/A	No signs of contamination
		SAND orange clayey silty and fine, with lenses of amorphous peat	0.5-0.7			
		SAND grey very clayey silty fine to medium, with lenses and thin layers of silty clay. Becoming soft orange and grey mottled very sandy very silty clay with occasional lenses of silty clay below 1.7m	0.7-2.0			
		SAND dense green-grey slightly clayey slightly silty fine to medium	2.0-4.9			
		SILT grey very clayey very sandy	4.9-5.2			
		SAND grey silty and fine	5.2-6.7+			
	TQ05NE251	MADE GROUND tarmacadam	0.0-0.1	none encountered	none encountered	No signs of contamination
		MADE GROUND brown sand fill	0.1-1.0			
		MADE GROUND medium dense brown clayey silty fine to medium sand with occasional subangular fine gravel of flint	1.0-2.8			
		MADE GROUND firm fdark grey brown slightly silty, locally indistinctly laminated with occasional gravel size pockets of light brown silty fine sand	2.8-3.3			
		TAPLOW GRAVEL medium dense light grey slightly silty fine to medium sand with occasional orange brown iron rich pockets with rare rootlets.	3.3-3.7			
		TAPLOW GRAVEL medium dense becoming very dense orange brown slightly clayey silty fine to coarse sand and subangular to subrounded fine to medium gravel of flint. At 5.1m tending to sandy gravel	3.7-6.0			
	TQ05NE348	TOP SOIL	0.0-0.3	N/A	N/A	No signs of contamination
		CLAY firm orange and grey mottled and colour banded and silty. Closely fissured and weathered down to 1.0m. Soft and occasionally slightly sandy at 1.5m	0.3-2.1			
		SAND medium dense fine to coarse, with fine to coarse gravel. Occasionally silty at 2.55m.	2.1-4.0			
		SAND very dense grey, silty and fine	4.0-6.0+			
	TQ05NE262	MADE GROUND medium dense brown silty sandy top soil with many rootlets	0.0-0.3	1.9m bgl (17.94m AOD)	N/A	No signs of contamination
		MADE GROUND medium dense yellow/ light brown silty fine to medium sand with many clayey pockets. Below 1.5m with occasional clayey pockets	0.3-1.9			
		ALLUVIUM soft to firm grey mottled orange brown silty fine to meduim sandy to very sandy clay. Below 2.5m soft orange mottled grey clay with rootlet traces	1.9-3.0+			
	TQ05NE261	MADE GROUND medium dense brown silty sandy top soil with many rootlets and rare gravel size fragments of brick	0.0-0.3	0.3m bgl (19.85m AOD)	N/A	Plastic in made ground
		MADE GROUND medium dense grey brown clayey very silty fine to medium sand with some angular to subrounded fine to coarse gravel of flint and rare fragments of plastic. At 0.6m boulder of concrete. At 0.8m think band of stiff grey slightly organic silty sandy clay with occasional lenses of stiff yellow/light brown silty very sandy clay. At 2.1m becoming light grey.	0.3-0.8			
		MADE GROUND medium dense yellow slightly clayey silty fine to medium sand with occasional lenses of stiff yellow/ light brown silty very sandy clay. At 2.1m becoming light grey	0.8-2.2			
		ALLUVIUM OR MADE GROUND Very stiff dark grey brown silty sandy to very sandy clay with many sandy pockets and occasional plant fragments.	2.2-2.6			
		ALLUVIUM OR MADE GROUND firm to stiff orange brown mottled light grey silty clay with many rootlets (mottling affected by rootlet traces). Below 2.9m becoming mainly soft to very soft and orange with depth	2.6-3.2+			



	TQ05NE44	TOP SOIL	0.0-0.15	0.96m bgl and 2.59m bgl (14.29m AOD)	N/A	No signs of contamination
		ALLUVIUM grey and brown fine sand	0.15-0.76			
		ALLUVIUM mottled yellow/brown and grey silty clay	0.76-2.59			
		TERRACE GRAVEL gravel and brown sand	2.59-3.05+			
	TQ05NE347	TOP SOIL	0.0-0.4	1.05m bgl (17.4m AOD)	N/A	No signs of contamination
		SAND grey and orange fine to coarse	0.4-1.4			
		CLAY grey and orange mottled and silty, with occasional thin layers of clayey silty fine sand	1.4-1.8			
		SAND orange slightly clayey silty and fine	1.8-2.4			
		GRAVEL medium dense brown medium to coarse, with occasional fine gravel with medium to coarse sand	2.4-4.5			
		CLAY very stiff grey sandy and very silty with lenses of grey silty clay	4.5-6.5+			
	TQ05NE43	TOP SOIL	0.0-0.3	0.91m bgl (16.27m AOD)	N/A	No signs of contamination
		ALLUVIUM	0.3-0.91			
		TERRACE GRAVEL cobbles, gravel, black pebbles and some brown sand	0.91-2.59			
		BAGSHOT FORMATION light grey slightly clayey sandy silt	2.59-10.97			
		CLAYGATE BEDS interbedded layers and lenses of white fine sand and grey clayey silt	10.97-12.5			
		CLAYGATE BEDS light grey very fine sandy silt	12.5-13.41			
		CLAYGATE BEDS grey laminated very silty clay with abundant layers and lenses of white fine sand	13.41-14.94+			
	TQ05NE260	MADE GROUND loose brown slightly clayey silty sandy top soil with many rootlets	0.0-0.7	0.7 and 2.3m bgl (17.04 and 18.64m AOD)	N/A	No signs of contamination
		MADE GROUND medium dense yellow and light brown silty fine to medium sand with occasional clayey pockets. Below 1.4m with occasional orange brown iron cemented nodules	0.7-1.7			
		MADE GROUND soft to firm light brown very silty fine very sandy clay with rare subrounded to rounded fine to coarse gravel of flint	1.7-2.3			
		MADE GROUND medium dense grey brown very silty fine to coarse sand with occasional grey clayey pockets	2.3-2.9			
		ALLUVIUM firm light grey mottled orange brown silty clay with occasional sandy pockets and rare angular to subrounded fine to coarse gravel of flint	2.9-3.1+			
	TQ05NE37	TOP SOIL	0.0-0.3	0.4m bgl and 1.22m bgl (15.93 and 16.75m AOD)	N/A	No signs of contamination
		ALLUVIUM brown clayey sand	0.3-1.22			
		TERRACE GRAVEL gravel, cobbles and black pebbles with a little brown sand	1.22-2.74			
		BAGSHOT FORMATION grey sandy silt and silty very fine sand	2.74-7.01			
		BAGSHOT FORMATION light grey silty very fine sand	7.01-13.87			
		CLAYGATE BEDS grey clayey and fine sandy silt	13.87-14.94+			
	TQ05NE343	TOP SOIL	0.0-0.6	2.8m bgl (15.15m AOD)	N/A	No signs of contamination
		GRAVEL clayey sandy	0.6-0.9			
		GRAVEL medium dense orange-brown becoming grey-brown sandy fine to coarse, and occasional cobbles	0.9-2.7			
		SAND medium dense grey and green-grey clayey silty fine sand. Sandy silty clay at 3.05m	2.7-5.2			
		SAND very dense becoming dense green-grey silty to slightly silty and fine. Layer of clayey silty sand at 7.0m	5.2-9.0			
		CLAY green-grey to grey sandy silty and silty, interbedded and with lenses of clayey silty fine sand	9.0-16.4			
		SAND very dense green-grey and grey occasionally silty fine to medium, with occasional small lenses of grey silty clay	16.4-23.8			
		CLAY very stiff grey fissured and silty, with frequent lenses of grey fine sand. Gravel size concretion at 26.4m	23.8-27.5+			
	TQ05NE42	TOP SOIL	0.0-0.3	1.2 and 1.8m bgl (15.08 and 15.68m AOD)	N/A	No signs of contamination
		ALLUVIUM brown sand	0.3-1.07			
		TERRACE GRAVEL gravel, black pebbles and slightly clayey coarse sand with occasional lenses of grey silty clay	1.07-2.74			
		BAGSHOT FORMATION light grey very fine sandy and slightly clayey silt	2.74-7.01+			
	TQ05NE259	MADE GROUND loose to medium dense brown slightly clayey silty sandy top soil with occasional subrounded fine to medium gravel of flint and many rootlets	0.0-0.5	none encountered	none encountered	No signs of contamination

		MADE GROUND medium dense yellow and orange brown clayey silty fine to medium sand with many roots and occasional pockets of clayey sand	0.5-0.8			
		MADE GROUND medium dense to dense light yellow and yellow/white fine to medium sand with occasional subangular fine to medium gravel size fragments of thinly laminated very weak mudstone	0.8-1.8			
		MADE GROUND stiff to very stiff brown mottled orange brown in places silty clay with occasional to some subangular to subrounded fine to medium gravel size fragments of brown mudstone and occasional orange brown iron stained pockets. At 2.2m a coke can was encountered	1.8-2.7			
		MADE GROUND dense red brown mottled red and orange slightly silty fine to medium sand with occasional black stained pockets and fragment of tree root	2.7-3.0+			
	TQ05NE341	TOP SOIL brown sandy silty clay	0.0-0.35	1.0m bgl (15.85m AOD)	N/A	No signs of contamination
		SAND loose, brown, and fine to medium, with fine to coarse gravel	0.35-1.0			
		SAND AND GRAVEL loose brown. Reddish brown ferruginous layers at 1.1m and 1.6m	1.0-1.7			
		SAND brown mainly medium to coarse, with some fine to medium gravel	1.7-2.3			
		CLAY firm dark greenish-grey and silty	2.3-3.0+			
	TQ05NE258	MADE GROUND medium dense brown silty sandy top soil with many rootlets	0.0-0.3	1.0m bgl (19.84m AOD)	N/A	No signs of contamination
		MADE GROUND medium dense orange brown mottled brown and yellow brown very silty fine to medium sand with occasional rootlets	0.3-1.0			
		MADE GROUND medium dense yellow slightly clayey silty fine to medium sand with rare dark brown silty pockets and occasional rootlets. Below 1.4m many thin dark brown silty layers	1.0-2.0			
		MADE GROUND medium dense light brown clayey silty fine sand with occasional very clayey pockets/lenses	2.0-2.8			
		MADE GROUND very stiff dark grey mottled brown silty sandy clay with occasional rounded to angular fine to coarse gravel of flint and many orange brown very sandy pockets and black stained plant material	2.8-3.3			
		MADE GROUND medium dense orange brown very silty fine sand with occasional very clayey pockets	3.3-3.4			
		MADE GROUND very stiff dark brown silty fine very sandy clay with frequent rounded fine to coarse gravel of mudstone. At 3.4m pine wood offcuts. Below 3.6m occasional subrounded to rounded fine to coarse gravel and cobble size fragments of thinly laminated mudstone with silt partings	3.4-4.3			
		TAPLOW TERRACE GRAVEL medium dense orange brown fine to medium sand with occasional angular to rounded fine to coarse gravel of flint.	4.3-4.5+			
	TQ05NE252	MADE GROUND concrete	0.0-0.4	N/A	N/A	No signs of contamination
		MADE GROUND very stiff dark grey mottled orange brown silty sandy, locally very sandy clay with some gravel size pockets of fine to medium sand and occasional subangular fine to coarse gravel of quartz and flint and rootlets	0.4-1.2			
		MADE GROUND firm to stiff locally laminated light grey brown mottled orange brown silty clay with some fine to medium sand and rare rootlets	1.2-4.1			
		MADE GROUND dense brown fine to medium occasionally coarse sand with pockets of very soft to soft grey brown silty clay and rare subangular fine to medium gravel of flint	4.1-4.6			
		TAPLOW TERRACE GRAVEL dense brown slightly silty fine to coarse sand and subangular to subrounded fine to coarse gravel of flint	4.6-5.8			
		BAGSHOT FORMATION soft to firm dark blue grey silty fine sandy clay with rare sand and gravel (from above stratum). Very silty below 9.0m	5.8-12.6			
		BAGSHOT FORMATION stiff and very stiff blue grey slightly silty clay with occasional partings and pockets of fine sandy silt	12.6-20.0+			
	TQ05NE256	MADE GROUND medium dense dark brown silty sandy top soil with many rootlets and rare cobble size brick fragments	0.0-0.4	1.4 and 3.0m bgl (17.33 and 19.37m AOD)	N/A	No signs of contamination
		MADE GROUND medium dense light yellow brown clayey very silty fine to medium sand with occasional rootlets to 0.7m. Below 1.4m rare pockets of mottled orange brown iron cemented sand, rare clayey pockets and angular to subrounded fine to coarse gravel of flint. Below 2.2m becoming light orange brown mottled light yellow brown and clayey with rare roots. One end of steel hawser noted at 2.5m.	0.4-3.0			
		MADE GROUND stiff light brown very silty fine very sandy clay tending to very silty clayey fine sand. 3.3m locally mottled grey with occasional wood fragments	3.0-3.8			
		CLAY stiff to very stiff brown mottled light grey silty fine and sandy, with many sandy pockets and thin soft light grey clay lenses/layers, frequent plant material and occasional clay pellets. Below 4.4m very stiff with subrounded to rounded fine to coarse gravel of mudstone	3.8-4.5+			
	TQ05NW255	MADE GROUND brown silty sandy top soil with many rootlets	0.0-0.4			



		MADE GROUND medium dense orange and light brown mottled brown slightly clayey silty fine to medium sand with occasional thin brown clayey lenses and occasional rootlets at the top of the stratum. Becoming clayey below 1.0m, and 1.4m white polystyrene tile fragments.	0.4-1.9	none encountered	none encountered	polystyrene tile fragments
		MADE GROUND stiff light brown mottled orange brown silty sandy to very sandy clay with rare rootlets and vegetation	1.9-2.4			
		MADE GROUND firm to stuff very thinly laminated light brown and orange brown silty clay, locally sandy with occasional to frequent rootlets	2.4-3.1			
	TQ05NE328	SAND brown clayey silty fine to medium, with rootlets near top	0.0-1.3	3.0m (13.05m AOD)	N/A	No signs of contamination
		CLAY soft brown and grey mottled and silty, with ferruginous particles	1.3-2.8			
		SAND medium dense brown fine to coarse, with occasional fine to medium gravel. Becoming loose and more gravelly below 4.0m	2.8-5.2			
		SAND dense to very dense green-grey silty fine	5.2-9.0			
		SAND medium dense to dense green-grey clayey and silty, with occasional layers of grey clay	9.0-14.5			
		GRAVEL black rounded fine to coarse	14.5-14.8			
		CLAY interbedded firm to stiff grey and silty, and green-grey occasionally silty fine to medium sand	14.8-17.25			
		SAND green-grey fine to medium, with thin beds of grey silty clay below 19.0m. At 19.5m black rounded fine to medium gravel	17.25-20.0			
		CLAY grey and silty, with beds of green-grey fine sand	20.0-21.4			
		SAND	21.4-23.3			
		CLAY stiff dark gre-brown very sandy and silty, with slightly clayey silty fine to medium sand	23.3-24.0+			
	TQ05NE332	TOP SOIL	0.0-0.4	1.95m bgl	1.5m bgl	No signs of contamination
		CLAY soft broen sandy silty with fine to medium gravel	0.4-1.0			
		CLAY soft mottled orange-brown and brown sandy and silty, with ferruginous inclusions and occasional gravel	1.0-2.2			
		CLAY soft blue very grey and silty	2.2-2.5			
		GRAVEL loose becoming medium dense brown-yellow brown mainly fine to medium, and fine to coarse gravel with cobbles	2.5-5.2			
		SAND very dense greenish-grey, silty and fine	5.2-9.2			
		SAND dense greenish-grey clayey silty and fine. Very silty clay at 10.0m	9.2-10.0+			
	TQ05NE327	TOP SOIL	0.0-0.6	5.2m bgl (10.25m AOD)	N/A	No signs of contamination
		CLAY soft and silty with peat	0.6-1.0			
		SAND green-grey becoming orange-brown fine to medium. Layers of firm sandy silty sandy silty clay and fibrous sandy peat above 1.5m	1.0-2.1			
		GRAVEL medium dense orange-brown , grey or green-grey sandy and fine to coarse	2.1-3.6			
		SAND orange-brown medium to coarse, with occasional fine to coarse gravel	3.6-5.2			
		GRAVEL brown grey sandy silty fine to coarse, with trace clay	5.2-5.7			
		SAND and GRAVEL green-grey and both fine to coarse	5.7-6.8			
		SAND very dense grey to green-grey silty and fine	6.8-8.75			
		CLAY very stiff grey to green-grey sandy and silty, with occasional small lenses of grey silty fine sand. Becomes very stiff-green-grey very sandy and very silty clay below 12.05m	8.75-13.0			
	TQ05NE333	TOP SOIL	0.0-0.7	1.1m bgl (14.3m AOD)	N/A	No signs of contamination
		CLAY firm brown-grey and orange mottled very sandy and silty, with lenses of clayey very silty fine occasionally medium sand and fragments of rotten vegetation. Sand lenses increase with depth	0.7-2.2			
		SAND grey fine occasionally medium, with rotten vegetation	2.2-2.7			
		SAND AND GRAVEL loose to medium dense sand and grey-brown medium to coarse gravel. Occasional lenses of grey very sandy silty clay at 2.95m. Becoming orange-grey to orange-brown between 5.25 and 6.2m. Becoming very dense below 5.9m	2.7-6.75			
		SAND very dense grey to green-grey silty and fine to coarse. Slightly clayey at 6.75m. Medium dense below 9.15m	6.75-9.4			
		CLAY very stiff grey sandy very silty CLAY with layers of fine sand	9.4-10.0+			
	TQ05NE331	TOP SOIL	0.0-0.5	0.5m bgl (14.65m AOD)	N/A	No signs of contamination
		SAND brown fine to medium	0.5-1.1			
		CLAY soft dark grey sandy very silty and organic	1.1-1.5			

		SAND brown silty fine to coarse	1.5-1.8			
		SAND medium dense brown mainly medium to coarse, with fine to coarse gravel	1.8-5.2			
		SAND very dense green-grey silty fine, very silty at 6.0m. Slightly clayey at 7.65m	5.2-9.0			
		SAND dense green-grey clayey and fine, occasionally silty with layers of grey silty clay	9.0-13.05			
	TQ05NE254	MADE GROUND medium dense dark brown slightly clayey silty sandy top soil with many rootlets	0.0-0.3	1.1 and 4.5m bgl (15.92 and 19.32m AOD)	N/A	Glass, plastic and metal in Made Ground
		MADE GROUND medium dense orange brown clayey silty fine to medium sand with some to much angular to rounded fine to coarse gravel of flint. Below 1.1m with occasional layers of clayey silty fine sand. Rootlets to 0.8m	0.3-1.3			
		MADE GROUND medium dense yellow grey clayey very silty fine occasionally medium sand with rare pockets of weakly iron cemented sand. At 2.1m, metal grill. Below 2.7m occasionally very clayey layers. Below 3.7m tending to clayey fine sandy silt. At 4.4m woven plastic sacking	1.3-4.4			
		MADE GROUND dense grey very clayey silty fine to medium sand with occasional to some angular to subrounded fine to coarse gravel of flint and occasional plant fragments and glass shards	4.4-4.5+			
	TQ05NE321	TOP SOIL	0.0-0.15	seepage at 1.0 and 2.9m bgl (12.4 and 14.3m AOD)	N/A	No signs of contamination
		CLAY soft orange-brown and brown silty, with ferruginous inclusions	0.15-0.7			
		CLAY soft grey-brown slightly silty, with gravel and traces of peat	0.7-1.6			
		SAND brown fine to medium with organic material at 1.9m	1.6-2.9			
		SAND medium dense brown fine to coarse, with fine to coarse gravel	2.9-3.8			
		SAND very dense green-grey silty and fine	3.8-9.5			
		SAND dense green-grey clayey becoming slightly clayey silty and fine	9.5-13.95			
		SAND dense green-grey slightly clayey fine to medium, with layers of grey silty clay	13.95-15.1			
		CLAY firm laminated dark grey and silty with layers and partings of brown sand	15.1-16.3			
		SAND brown fine to medium	16.3-18.8			
		CLAY stiff to very stiff grey and silty, with layers, lenses and partings of silver grey sandy and silty sand. A layer of black medium to coarse gravel at 19.5m. Occasional organic inclusions.	18.8-21.25			
		SAND yellow-grey and grey occasionally clayey silty fine to medium, with occasional layers of grey silty clay	21.25-23.9			
		CLAY very stiff grey and silty, with many pockets and partings of brown fine sand and silt, occasional pyritiferous nodules	23.9-31.0+			
	TQ05NE325	TOP SOIL	0.0-0.2	1.05m bgl (15.15m AOD)	N/A	No signs of contamination
		SAND brown and yellow-brown slightly clayey silty fine to medium, with some organic matter	0.2-1.85			
		SAND brown and grey clayey fine to medium	1.85-2.7			
		SAND AND GRAVEL medium dense brown fine to coarse, with cobbles and occasional pockets of brown sandy clay	2.7-5.8			
		SAND dense green-grey silty and fine	5.8-8.7			
		SAND medium dense green-grey clayey silty and fine	8.7-10.0			
		CLAY brown-grey sandy and silty with lenses of sand	10.0-11.0+			
	TQ05NE326	TOP SOIL	0.0-0.2	2.4m bgl (13.2m AOD)	1.15m bgl (14.45m AOD)	No signs of contamination
		SAND brown slightly silty fine to medium	0.2-1.0			
		SAND orange-brown and grey clayey silty fine to medium, with pockets of silty clay	1.0-2.4			
		SAND medium dense brown fine to coarse, and fine to coarse gravel becoming silty	2.4-5.2			
		SAND very dense becoming dense green-grey and fine. Dense and slightly clayey below 8.0m	5.2-8.5			
		SAND dense green-grey clayey silty and fine	8.5-10.0+			
	TQ05NE320	TOP SOIL	0.0-0.2	1.0m bgl (14.10m AOD)	N/A	No signs of contamination
		CLAY soft mottled grey and orange-brown silty, with rootlets and ferruginous inclusions	0.2-0.65			
		CLAY soft grey and grey-brown and silty, with rootlets	0.65-1.2			
		SAND medium dense brown fine to medium, fine to coarse gravel with cobbles	1.2-5.05			
		SAND very dense greenish-grey, silty and fine. Clay at 6.15m	5.05-8.0			
		SAND dense greenish-grey clayey silty and fine. Layer of grey sandy silty clay at 9.95m	8.0-13.7			

Chatley (BGS, 2019)		SAND medium dense dark greenish-grey silty fine to medium	13.7-16.8			
		CLAY firm grey and silty, with layers of grey fine to medium sand. Black rounded medium gravel at 18.5m.	16.8-19.0			
		CLAY stiff becoming very stiff, below 19.8m is grey sandy silty clay with partings of brown fine sand and occasional layers of greenish-grey fine sand	19.0-21.75			
		SAND greenish-grey silty and fine	21.75-22.0			
		CLAY very stiff grey sandy and silty, with partings of brown fine sand	22.0-22.5			
	TQ05NE206	TOP SOIL	0.0-0.6	seepage at 4.5m bgl (24.67m AOD)	N/A	No signs of contamination
		SAND fine grey-brown, containing thin layers of grey silty clay	0.6-7.0			
		CLAY stiff grey silty, sandy with sandy silt	7.0-10.65+			
	TQ05NE277	TOP SOIL silty sandy with occasional gravel of flint, and rootlets and rare brick fragments	0.0-0.3	none encountered	none encountered	No signs of contamination
		BAGSHOT FORMATION dense to medium dense light grey and light brown clayey very silty fine to medium SAND with many clayey lenses/layers and occasional pockets of orange brown iron staining. Rootlets to 0.4m	0.3-4.5+			
	TQ05NE278	TOP SOIL medium dense brown silty and sandy soil with many rootlets	0 -0.6	wet at 2.0m bgl (31.8m AOD), seepage at 3.4m bgl (30.4m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION medium dense yellow mottled orange fine sand with occasional bands over very stiff light brown silty clay and occasional weak iron cementation	0.6-3.5			
		BAGSHOT FORMATION very stiff light grey brown silty fine very sandy clay, tending to very clayey fine sand with many sandy pockets	3.5-4.5+			
	TQ05NE267	Topsoil	0.0-0.2	seepage at 4.3m bgl (28.96m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION light green clayey fine sand	0.2-1.3			
		BAGSHOT FORMATION light yellow green slightly sandy silt	1.3-5.0+			
	TQ05NE279	TOP SOIL dark brown silty and sandy, with many rootlets, occasional partly decomposed roots and occasional rounded fine to coarse gravel of flint.	0-0.25	none encountered	none encountered	No signs of contamination
		BAGSHOT FORMATION loose cream to off white clayey silty fine sand with occasional sandy ironstone nodules (<60mm). Incipient poorly developed fissuring towards base with iron stained surfaces	0.25-4.5+			
	TQ05NE303	TOPSOIL medium dense brown silty fine sandy soil with frequent rootlets	0.0-0.3	none encountered	none encountered	No signs of contamination
		BAGSHOT FORMATION dense yellow grey slightly silty fine sand with rare pockets of weak orange brown iron cementation	0.3-1.2+			
	TQ05NE270	TOP SOIL	0.0-0.2	none encountered	none encountered	No signs of contamination
		BAGSHOT FORMATION light green very silty fine sand with clay lenses from 1.2-1.4m and gravel sized pockets of clayey fine sand from 2.5-3.0m	0.2-4.0			
		BAGSHOT FORMATION clayey fine sand	4.0-4.4			
		BAGSHOT FORMATION firm very closely fissured grey silty sandy clay	4.4-5.0+			
	TQ05NE280	MADE GROUND medium dense brown silty sandy topsoil with many rootlets	0.0-0.2	damp at 0.2m bgl (29.7m AOD), wet at 2.3m bgl (27.6m AOD) and seepage at 3.2 m bgl (26.7m AOD)	N/A	No signs of contamination
		MADE GROUND dense light brown very clayey silty fine sand, tending to sandy clay with occasional pockets of fine sand and occasional rootlets	0.2-0.7			
		ALLUVIUM dense grey with much dark grey organic speckling clayey to very clayey silty fine sand with many roots, rootlets and organic odour	0.7-1.2			
		BAGSHOT FORMATION medium dense orange mottled light grey clayey silty fine sand with occasional very clayey pockets and many rootlets, iron staining with depth and silty clay lenses with depth	1.2-4.5+			
	TQ05NE304	TOP SOIL	0.0-0.7	none encountered	none encountered	No signs of contamination
		ALLUVIUM very dense light brown silty fine to medium sand	0.7-0.95			
		BAGSHOT FORMATION stiff light brown silty sandy clay	0.95-1.1+			
	TQ05NE128	TOP SOIL	0.0-0.3	encountered at 7.95m bgl	encountered at 7.75m bgl	No signs of contamination
		SAND brown becoming mottled reddish-brown and grey silty becoming clayey fine to medium and occasionally coarse, with occasional coarse gravel	0.3-1.0			
		CLAY firm becoming soft mottled light brown and grey sandy and silty, with partings of reddish-brown and grey silty fine sand	1.0-2.45			
		SAND dense to very dense grey clayey silty fine to medium becoming fine, with occasional traces of reddish-brown fine sand	2.45-7.5			
		CLAY soft to firm becoming stiff and laminated mottled reddish-brown and grey becoming grey sandy and silty, with grey fine silty sand partings and occasional reddish-brown fine sand	7.5-10.0+			

	TQ05NE129	TOPSOIL	0.0-0.5	water strike at 3.45m bgl (23.05m AOD)	3.25m bgl (23.25m AOD)	No signs of contamination
		CLAY firm light brown sandy and silty, with root fibres and occasional medium gravel	0.5-1.0			
		SAND grey-green clayey silty fine to medium	1.0-1.45			
		CLAY soft mottled green and grey sandy and silty, with fine, reddish-brown sand partings	1.45-2.0			
		CLAY stiff light grey sandy and silty with fine reddish-brown sand partings	2.0-3.0			
		SILT stiff red-brown clayey sandy	3.0-3.45			
		CLAY stiff to very stiff becoming hard fissured laminated grey silty and sandy, with occasional partings of fine reddish-brown sand and fine silty sand	3.45-15.0+			
	TQ05NE130	TOP SOIL	0.0-0.5	water strike at 1.75m bgl (25.15m AOD)	1.55m bgl (25.35m AOD)	No signs of contamination
		CLAY stiff mottled light grey and brown sandy and silty, with partings of orange fine sand	0.5-0.95			
		CLAY soft mottled grey and light brown sandy and silty, with mottled grey and brown clayey silty fine to medium sand with orange and reddish-brown fine sand partings	0.95-1.5			
		SAND mottled grey and brown clayey silty fine, occasionally reddish-brown	1.5-2.5			
		CLAY firm mottled orange and grey sandy and silty, with partings of reddish brown, fine to medium sand and lenses of soft, light grey silty clay	2.5-4.5			
		CLAY stiff to very stiff becoming hard laminated becoming fissured grey sandy and silty, with numerous partings of grey and yellow fine to medium silty sand.	4.5-15.0+			
	TQ05NE102	TOP SOIL	0.0-0.5	water strike at 2.20m bgl (24.15m AOD)	N/A	No signs of contamination
		CLAY soft to firm mottled grey and brown sandy and silty	0.5-5.05+			
	TQ05NE131	TOP SOIL	0.0-0.5	water strike at 1.95m bgl (27.6m AOD)	1.75m bgl (27.8m AOD)	No signs of contamination
		CLAY firm reddish-brown sandy and silty with root fibres	0.5-1.5			
		CLAY firm to stiff mottled reddish-brown and yellow very sandy and silty, with occasional fine sand partings	1.5-2.95			
		CLAY stiff pale grey sandy and silty, with partings of reddish-brown fine sand	2.95-3.95			
		CLAY stiff laminated dark grey sandy and silty, with numerous reddish-brown and yellow fine sand partings	3.95-5.0+			
	TQ05NE281	MADE GROUND medium dense brown silty sandy topsoil with many roots and rootlets	0.0-0.3	damp at 0.3m bgl (28.28m AOD)	N/A	No signs of contamination
		MADE GROUND dense thickly laminated orange mottled light brown very clayey very silty fine sand, tending to silty fine sandy clay with thin iron stained lenses	0.3-2.3			
		LONDON CLAY firm blue grey very silty fine very sandy, tending to very clayey silt or fine sand with thin fine sand partings	2.3-4.5+			
	TQ05NE132	TOP SOIL	0.0-0.5	groundwater seepage between 3.95 to 7.0m bgl (23.8 and 26.85m AOD)	N/A	No signs of contamination
		CLAY firm mottled pale and dark brown and grey very sandy silty	0.5-1.7			
		CLAY firm to stiff slightly laminated mottled pale brown and pale grey very silty and sandy, with occasional partings of brown fine sand	1.7-3.95			
		CLAY stiff to very stiff fissured poorly laminated grey sandy and silty, with numerous partings of grey silty fine sand	3.95-7.0+			
	TQ05NE133	TOP SOIL	0.0-0.5	none encountered	none encountered	No signs of contamination
		CLAY stiff slightly fissured mottled pale brown and pale grey sandy and silty	0.5-1.8			
		CLAY stiff to very stiff mottled pale brown and pale grey very sandy and silty, with occasional partings of brown fine sand	1.8-3.95			
		CLAY very stiff fissured grey sandy silty with well developed partings of silty fine sand	3.95-6.0			
		CLAY very stiff occasionally laminated poorly fissured grey slightly sandy and very silty, with occasional partings of grey silty fine sand	6.0-10.0+			
	TQ05NE271	TOP SOIL	0.0-0.15	none encountered	none encountered	No signs of contamination
		CLAYGATE/LONDON CLAY stiff red brown mottled grey very silty clay	0.15-0.4			
		LONDON CLAY firm very closely fissured grey silty clay, slightly sandy at 3.m bgl	0.4-5.0+			
	TQ05NE134	TOP SOIL	0.0-0.5	none encountered	none encountered	No signs of contamination
		CLAY stiff slightly laminated mottled pale brown and pale grey sandy and silty with well developed partings of sand	0.5-1.8			
		CLAY stiff friable mottled pale brown and pale grey sandy and very silty with pockets of yellow fine sand	1.8-3.95			
		CLAY very stiff slightly fissured grey sandy and silty with partings of yellow silty sand	3.95-5.5			



		CLAY stiff fissured grey and silty with partings of yellow silty sand	5.5-6.5			
		CLAY stiff fissured grey and silty with partings of silty fine sand	6.5-12.0+			
TQ05NE276	TOP SOIL		0.0-0.1	none encountered	none encountered	No signs of contamination
	CLAYGATE BEDS/ LONDON CLAY fissile dark brown slightly sandy silt		0.1-0.6			
	LONDON CLAY firm light brown mottled light green grey slightly sandy silty clay		0.6-4.5			
	LONDON CLAY firm very closely fissured grey silty clay with occasional silt and fine sand partings		4.5-5.0+			
TQ05NE272	TOP SOIL		0.0-0.1	none encountered	none encountered	No signs of contamination
	LONDON CLAY firm very closely fissured silty clay with occasional light grey silt partings		0.1-5.0+			
TQ05NE135	TOP SOIL		0.0-0.3	strike at 8.45 bgl (30.95m AOD)	6.0m bgl (33.4m AOD)	No signs of contamination
	SAND mottled yellow brown and pale grey very clayey and silty		0.3-1.8			
	CLAY stiff friable mottled pale grey and pale brown sandy and silty		1.8-4.0			
	CLAY hard slightly fissured mottled pale grey and brown slightly sandy silty clay		4.0-6.5			
	CLAY very stiff to hard grey sandy silty clay with partings of silty sand		6.5-18.3			
	CLAY hard fissured grey and silty with partings of silty sand		18.3-20.0+			
TQ05NE282	TOP SOIL dark orange brown, very clayey, with many rootlets		0.0-0.2	none encountered	none encountered	No signs of contamination
	LONDON CLAY soft blue grey very silty clay		0.2-0.5			
	LONDON CLAY stiff thinly to thickly laminated very closely fissured grey brown to blue grey silty CLAY with many lenses of light grey fine sand and silt. Dustings of fine sand and silt on fissure and laminae surfaces. Rare thin lenses of soft black clay		0.5-3.0+			
TQ05NE275	CLAYGATE firm brown and grey silty clay with extremely closely spaced brown silt partings		0.0-0.15	none encountered	none encountered	No signs of contamination
	LONDON CLAY firm grey silty clay with occasional grey silt partings		0.15-5.0+			
TQ05NE136	TOP SOIL		0.0-0.15	none encountered	none encountered	No signs of contamination
	CLAY firm dark brown very sandy and silty with occasional medium gravel		0.15-0.8			
	CLAY firm to stiff mottled orange-brown and olive-brown and silty with partings and occasional pockets of orange-brown clayey silty fine sand		0.8-2.5			
	CLAY firm occasionally firm to stiff friable mottled brown and grey with orange-brown and occasionally yellow-brown and very silty with partings of orange-brown and grey silty fine sand with extensive very stiff to hard ironstained pockets below 3.0m becoming darker with depth.		2.5-4.3			
	CLAY very stiff dark grey and very silty with occasional traces of grey silty fine sand		4.3-4.5+			
TQ05NE103	TOP SOIL		0.0-0.85	none encountered	none encountered	No signs of contamination
	CLAY firm becoming stiff, mottled grey and brown sandy and silty		0.85-5.05+			
TQ05NE137	TOP SOIL		0.0-0.3	3.95m bgl (30.45m AOD)	2.0m bgl (32.4m AOD)	No signs of contamination
	CLAY stiff laminated mottled grey-brown and silty with well developed lenses and partings of coarse sand		0.3-1.4			
	CLAY stiff laminated mottled dark brown and pale brown sandy and very silty with well defined partings of brown fine to medium sand		1.4-1.8+			
TQ05NE138	TOP SOIL		0.0-0.5	3.0m bgl (33.2m AOD)	N/A	No signs of contamination
	CLAY stiff to very stiff mottled grey, light and dark brown and silty with partings of reddish-brown fine sand		0.5-3.95			
	CLAY very stiff to hard occasionally slightly fissured, laminated grey and silty with partings of silt and fine sand and occasional bands of grey sandy silty clay		3.95-13.95			
	CLAY hard slightly fissured, laminated dark grey and silty		13.95-15.0+			
TQ05NE283	TOP SOIL medium dense brown silty sand with rootlets		0.0-0.4	3.8 m bgl (24.32m AOD)	N/A	No signs of contamination
	LONDON CLAY very stiff blue grey mottled brown fine sandy very silty clay with many partings and pockets of brown fine sand, becoming less sandy with depth and more closely fissured. Fossil bivalves containing orange crystals		0.4-4.5+			
TQ05NE139	TOP SOIL		0.0-0.5	seepage at 7.0m bgl (25.8m AOD)	N/A	No signs of contamination
	CLAY stiff to very stiff mottled light and dark brown and occasionally light grey sandy and silty with occasional pockets of reddish-brown fine sand		0.5-3.5			
	CLAY very stiff fissured medium brown silty CLAY with traces of reddish-brown sand		3.5-4.25+			
TQ05NE141	CLAY firm mottled grey and orange sandy and silty		0.0-0.5			



		CLAY very stiff to hard mottled grey and light brown slightly sandy and silty with grey silty fine sand partings	0.5-1.9	6.0m bgl (22.65m AOD), 12.5m bgl (16.25m AOD), 14.0m bgl (14.65m AOD) and 28.0m bgl (0.65m AOD)	5.0m bgl (23.65m AOD) and 12.0m bgl (16.65m AOD)	No signs of contamination
		CLAY stiff to very stiff mottled dark brown and grey-green and silty with reddish-brown fine sand partings	1.9-4.8			
		CLAY firm to very stiff occasionally hard fissured grey slightly sandy and silty with grey silty fine sand partings	4.8-7.4			
		CLAY very stiff fissured grey and silty with numerous pockets and partings of brown fine sand	7.4-15.75			
		CLAY very stiff to hard fissured laminated grey and silty with occasional grey silty sand partings	15.75-25.0+			
	TQ05NE142	TOP SOIL	0.0-1.0	10.5m bgl (18.4m AOD) and 16.0m bgl (12.9m AOD)	14.0m bgl (14.9m AOD)	No signs of contamination
		CLAY stiff fissured occasionally laminated, mottled pale grey and brown slightly sandy and silty with occasional partings of silty fine sand and shells	1.0-4.25			
		CLAY stiff to very stiff fissured laminated grey-brown and silty with occasional gypsum crystals	4.25-5.25			
		CLAY stiff to very stiff fissured laminated grey and silty with occasional gypsum crystals	5.25-6.7			
		CLAY very stiff to hard slightly fissured grey very sandy and silty with gypsum crystals and many partings of grey silty fine sand	6.7-20.0+			
	TQ05NE143	TOP SOIL	0.0-0.15	7.0m bgl (20.85m AOD)	6.5m bgl (21.35m AOD)	No signs of contamination
		CLAY firm mottled light and dark brown and silty with partings of silty fine sand	0.15-1.5			
		CLAY stiff fissured brown becoming mottled brown and grey and silty with occasional partings of silt and reddish brown fine sand	1.5-3.25			
		CLAY stiff fissured becoming laminated grey silty	3.25-5.25			
		CLAY very stiff to hard poorly fissured grey silty and very sandy with partings of silt and fine sand	5.25-14.0			
		CLAY very stiff laminated fissured dark grey and silty with partings of grey silty fine sand	14.0-20.0+			
	TQ15NW72	CLAY soft to stiff mottled grey and light and dark brown and silty, with partings of reddish-brown fine sand and occasional bands of brown sandy silty clay.	0.0-2.6	4.5m bgl (21.9m AOD)	4.5m bgl (21.9m AOD)	No signs of contamination
		CLAY stiff mottled dark brown and dark grey sandy and silty	2.6-3.25			
		CLAY stiff to very stiff poorly fissured, dark grey and silty	3.25-7.0+			
	TQ15NW73	TOP SOIL	0.0-1.8	none encountered	none encountered	No signs of contamination
		CLAY firm fissured mottled pale brown, dark brown and grey slightly sandy and silty with partings of sand	1.8-4.6			
		CLAY siff mottled pale and dark brown and grey and silty, well developed partings of sand	4.6-6.10			
		CLAY stiff to very stiff poorly fissured grey very sandy and silty	6.10-10.0+			
	TQ15NW335	TOP SOIL	0.0-0.2	0.8m bgl (27.47m AOD)	N/A	No signs of contamination
		LONDON CLAY firm light orange brown and silty with occasional pockets of orange brown fine sand	0.2-0.5			
		LONDON CLAY stiff thickly laminated very closely fissured grey brown, blue grey in parks, very silty with some gravel size pockets of light grey silt and fine sand. Becoming blue grey extremely closely fissured and some moisture on surfaces.	0.5-4.1+			
	TQ15NW74	TOP SOIL	0.0-0.4	5.1m bgl (29.1m AOD)	4.9m bgl (29.3m AOD)	No signs of contamination
		CLAY firm mottled pale brown and grey very sandy and silty	0.4-1.6			
		CLAY stiff slightly fissured mottled red-brown and pale grey very silty and sandy	1.6-3.0			
		CLAY stiff fissured grey-brown and silty with well defined partings of yellow silty fine sand	3.0-4.2			
		CLAYn stiff poorly fissure poorly laminated grey slightly sandy and silty	4.2-6.8			
		CLAY very stiff to hard fissured occasionally laminated grey and silty	6.8-10.0+			
	TQ15 NW75	TOP SOIL	0.0-0.4	none encountered	none encountered	No signs of contamination
		CLAY firm friable mottled brown and orange-brown slightly sandy and silty	0.4-0.85			
		CLAY firm becoming firm to stiff mottled orange-brown and olive-grey silty, with occasional partings of silt. Large light grey slip surfaces. Becoming sandier with depth	0.85-3.1			
		MUDSTONE soft moderately weathered fissured mottled brown, red-brown and grey-brown fine to very fine-grained silty and interbedded with firm occasionally stiff bands of silty clay below 3.4m	3.1-4.0			
		CLAY hard fissured dark grey silty with red-brown ironstaining on fissured and occasional traces of yellow-brown and very silty	4.0-4.7+			
	TQ15NW5	TOP SOIL	0.0-0.3	5.0m bgl (37.85m AOD)	5.2m bgl (37.65m AOD)	No signs of contamination
		CLAY firm light brown very sandy and silty with medium gravel-sized fragments of sandstone	0.3-0.9			

		CLAY firm mottled brown and grey sandy and silty	0.9-6.05			
		CLAY stiff becoming very stiff to hard grey and silty with partings of light grey silt becoming fissured from 13.0m	6.05-20.05+			
	TQ15NW287	TOP SOIL	0.0-0.2	none encountered	none encountered	No signs of contamination
		LONDON CLAY firm brown mottled grey brown silty clay	0.2-0.6			
		LONDON CLAY firm very closely fissured grey silty clay becoming stiff	0.6-5.0+			
	TQ15NW80	TOP SOIL	0.0-0.25	none encountered	non encountered	No signs of contamination
		SAND soft to firm interbedded layers of grey-brown clayey fine to medium, and mottled orange-brown and olive-grey sandy silty clay	0.25-0.9			
		CLAY firm roughly interbedded grey and brown silty fine and sandy, with occasional partings of orange-brown silty fine sand. Occasional stiff and very stiff fissured pockets below 3.0m and becoming faintly laminated below 4.0m with red-brown ironstaining.	0.9-4.5			
		CLAY very stiff to hard friable brown-grey very silty, with slightly fine sand and orange-brown and red-brown ironstaining	4.5-4.8+			
	TQ15NW336	TOP SOIL medium dense3 dark brown silty sandy and clayey with many rootlets	0.0-0.2	none encountered	none encountered	No signs of contamination
		LONDON CLAY very stiff extremely closely fissured grey brown silty slightly fine sandy clay	0.2-4.5+			
	TQ15NW370	TOP SOIL	0.0-0.3	none encountered	none encountered	No signs of contamination
		LONDON CLAY stiff very closely fissured grey mottled dark brown silty clay with medium spaced subvertical fissures stained brown	0.3-1.2+			
	TQ15NW82	TOP SOIL	0.0-0.1	5.5m bgl (39.2m AOD)	5.0m bgl (39.7m AOD)	No signs of contamination
		CLAY stiff mottled light brown and grey and silty with numerous partings of light grey silty fine to medium sand and pockets of reddish-brown fine sand with occasional root fibres.	0.1-1.5			
		CLAY stiff mottled light and dark grey becoming light grey-green sandy and silty with partings of reddish-brown fine sand and occasional silty fine sand	1.5-4.25			
		CLAY stiff light grey-green and silty with dark brown and red fine sand and with occasional nodules of ferruginous material	4.25-5.0			
		CLAY stiff becoming laminated grey becoming dark grey and silty	5.0-7.0			
		CLAY stiff becoming very stiff laminated fissured dark grey and silty with occasional partings of reddish-brown fine sand and grey fine silty sand with fragments of claystone at 8.5m	7.0-20.0+			
	TQ15NW290	MADE GROUND top soil	0.0-0.15	none encountered	none encountered	No signs of contamination
		MADE GROUND firm to stiff grey brown mottled grey silty clay with occasional gravel size pockets/partings of orange brown and yellow brown sand	0.15-0.7			
		LONDON CLAY stiff extremely closely fissured grey silty clay with occasional silt partings	0.7-5.0+			
	TQ15NW84	TOP SOIL	0.0-0.45	seepage at 11.45m bgl (27.9m AOD) and 15.25m bgl (24.1m AOD)	N/A	No signs of contamination
		CLAY stiff to very stiff brown and sandy	0.45-1.0			
		CLAY stiff mottled grey and brown, sandy	1.0-2.5			
		CLAY very stiff brown and sandy with partings of fine to medium reddish-brown sand and occasional bands of stiff mottled grey and brown silty clay	2.5-5.75			
		CLAY stiff to very stiff fissured laminated dark grey and silty	5.75-11.0			
		CLAY very stiff fissured, becoming laminated below 14.0m, dark grey and sandy becoming less sandy with depth	11.0-20.0+			
	TQ15NW337	TOP SOIL dark brown slightly sandy clay with many rootlets and occasional rounded fine to coarse gravel of flint	0.0-0.3	moist at 0.8m bgl (29.09m AOD)	N/A	No signs of contamination
		LONDON CLAY stiff to very stiff extremely closely fissured blue grey becoming grey brown and silty with occasional rootlets on near surface vertically orientated fissures. At 0.8m becoming very closely to closely fissured. Occasional dustings of light grey silt and fine sand, generally tight, random, smooth to slightly irregular with very rare polished surfaces. Som pockets and lenses of light grey silt and fine sand and scattered fossil shell fragments. Below 2.2m rare poclets of weel developed selenite crystals.	0.3-4.5+			
	TQ15NW88	TOP SOIL	0.0-0.25	none encountered	N/A	No signs of contamination
		CLAY stiff fissured mottled grey and brown slightly sandy and silty with partings of brown silty fine sand	0.25-3.3			
		CLAY very stiff fissured grey-brown slightly sandy and silty with partings of silty sand	3.3-4.7			
		CLAY very stiff fissured grey slightly sandy and silty with occasional fossils	4.7-7.5			
		CLAY very stiff fissured grey and silty	7.5-10.0+			

	TQ15NW338	TOP SOIL medium dense dark brown silty and sandy with many rootlets, becoming brown very sandy with occasional angular to rounded fine to coarse gravel of flint	0.0-0.4	none encountered	N/A	No signs of contamination
		LONDON CLAY very stiff extremely closely fissured grey brown and very silty, with rare fossil shells, heavy orange brown iron staining on fissure surfaces and occasional silty infilling. Fissure surfaces are irregular. From 0.4-0.7m occasional pockets of orange grey very weak mudstone. At 0.5m angular cobble of strong dark grey limestone with brown iron staining and small calcite crystals on surfaces. Below 1.5m becoming grey and extremely to very closely fissured.	0.4-4.5+			
	TQ15NW94	TOP SOIL	0.0-0.3	seepages between 5.0 and 7.5m bgl (29.45 and 31.95m AOD) and encountered at 24.3m bgl (12.65m AOD)	1.5m bgl (35.45m AOD) and 33m bgl (3.95m AOD)	No signs of contamination
		CLAY stiff friable brown sandy and silty with roots	0.3-0.9			
		CLAY firm to stiff fissured mottled pale brown and dark brown slightly sandy and silty with partings of fine sand	0.9-1.8			
		CLAY stiff fissured brown and silty with partings of fine sand	1.8-3.8			
		CLAY stiff slightly fissured grey-brown sandy and silty	3.8-4.6			
		CLAY stiff to very stiff occasionally hard fissured finely laminated grey and silty with occasional gypsum crystals	4.6-10.6			
		CLAYSTONE hard and grey	10.6-10.85			
		CLAY very stiff to hard fissured slightly laminated grey and silty with occasional partings of silt	10.65-14.9			
		CLAYSTONE	14.9-15.6			
		CLAY very stiff to hard fissured laminated grey and silty with occasional partings of silt	15.6-23.7			
		CLAY hard fissured laminated grey slightly sandy and silty with partings of silty sand	23.7-25.0+			
	TQ15NW93	TOP SOIL	0.0-0.5	Seepages at 3.5, 6.0, 9.0 and 25.0 mbgl (12.6, 28.6, 31.6, 34.1m AOD)	11.0m bgl (26.6m AOD)	No signs of contamination
		CLAY stiff mottled light and reddish brown and occasionally grey sandy and silty with traces of reddish brown sand and some fine gravel	0.5-2.5			
		CLAY firm to stiff slightly fissured brown silty and sandy with traces of reddish brown sand	2.5-6.25			
		CLAY stiff to very stiff becoming hard occasionally fissured, laminated dark grey-brown to dark brown and silty with partings of fine sand and silt, occasional bands of dark grey sandy silty clay and a band of claystone at 10.75m	6.25-20.0+			
	TQ15NW293	TOP SOIL	0.0-0.3	none encountered	none encountered	No signs of contamination
		LONDON CLAY firm extremely closely and very closely fissured dark brown silty clay	0.3-1.0			
		LONDON CLAY firm extremely closely and very closely fissured grey silty clay, below 3.0m becoming stiff	1.0-5.0+			
	TQ15NW89	TOP SOIL	0.0-0.3	seepage at 5.5m bgl (34.1m AOD)	5.0m bgl (34.6m AOD)	No signs of contamination
		CLAY stiff mottled light and dark brown and grey sandy and silty with partings of reddish-brown becoming light brown sand	0.3-4.5			
		CLAY very stiff fissured grey sandy and silty with partings of light brown fine sand	4.5-6.75			
		CLAY hard fissured grey slightly sandy and silty with occasional partings of silt and fine sand	6.75-10.0			
		CLAY very stiff to hard laminated fissured dark grey-brown and silty	10.0-15.0+			
	TQ15NW339	TOP SOIL dark brown silty sandy and clayey with rootlets	0.0-0.3	3.0m bgl (28.66m AOD)	N/A	No signs of contamination
		LONDON CLAY very stiff thickly laminated extremely closely fissured in parts blue grey silty and slightly sandy with occasional gravel size pockets and lenses of fine sand, much finely disseminated selenite and some fossil shell fragments. Laminae and fissures have a dusting of fine sand and silt. Grading to very weak mudstone in parts and with depth. At 3.0m becoming closely fissured/ fractured, tight, irregular and smooth. Surfaces moist/ wet.	0.3-4.5+			
	TQ15NW90	TOP SOIL	0.0-0.25	3.65, 6.5 and 11.5m bgl (25.7, 30.7 and 33.55m AOD)	N/A	No signs of contamination
		CLAY stiff brown and silty with occasional bands of grey silty clay and partings of reddish brown sand	0.25-3.5			
		CLAY very stiff mottled light and dark brown sandy and silty with occasional pockets and partings of yellow fine sand	3.5-6.85			
		CLAY hard slightly fissured laminated dark grey and silty with partings of silt and fine sand	6.85-12.0+			
	TQ15NW92	TOP SOIL	0.0-0.35	2.5, 3.5 and 5.8m bgl (27.3, 29.6 and 30.6m AOD)	N/A	No signs of contamination
		CLAY stiff mottled grey and light and dark brown and silty with partings of reddish brown fine sand	0.35-2.5			
		CLAY stiff fissured occasionally laminated brown and silty with occasional partings of reddish	2.5-5.0			
		CLAY stiff to very stiff dark grey sandy and silty with partings of brown fine sand	5.0-6.25			
		CLAY very stiff fissured and occasionally laminated dark grey and silty with partings of silt and fine sand	6.25-8.0+			
	TQ15NW340	TOP SOIL	0.0-0.2		N/A	



		POSSIBLE MADE GROUND very stiff brown mottled orange silty clay with occasional sandy pockets and many rootlets to 1.5m, becoming firm to stiff with many orange sandy pockets	0.2-1.8	wet at 1.8 and seepage at 4.4m bgl (27.06 and 29.66m AOD)		No signs of contamination
		LONDON CLAY firm to stiff extremely closely fissured brown silty clay, with fissure surfaces wet and irregular, non persistent and coated in blue grey clay with some surfaces being heavily iron stained, below 2.3m becoming stiff to very stiff grey brown. Below 2.8m very stiff with many selenite crystals predominantly along fissure surfaces. Below 3.5m with orange fine sandy pockets/ lenses. Below 3.8m with roots along fissures and occasional selenite crystals. Below 4.0m no blue grey clay on fissure surfaces, only iron staining.	1.8-4.5+			
Cobham Services (BGS, 2019)	TQ15NW96	TOP SOIL	0.0-0.1	3.2m bgl (31.05m AOD)	N/A	No signs of contamination
		CLAY stiff mottled brown- grey and silty with partings of reddish-brown fine sand and occasional gypsum crystals	0.1-2.0			
		CLAY stiff fissured mottled grey- brown becoming brown, silty with occasional partings of silt and fine sand	2.0-5.0			
		CLAY very stiff fissured dark grey fine sandy and silty	5.0-6.0			
		CLAY very stiff occasionally well fissured and well laminated dark grey silty with occasional partings of fine silt becoming sandy at 9.5m	6.0-10.0+			
	TQ15NW97	TOP SOIL	0.0-0.3	seepages at 2.8 and 5.0m (26.3 and 28.5m AOD)	N/A	No signs of contamination
		CLAY very stiff mottled light and dark brown and sandy	0.3-0.8			
		CLAY firm to stiff mottled grey and light and dark brown and silty with partings of silt and fine sand	0.8-3.0			
		CLAY very stiff fissured well laminated brown and silty, with occasional traces of grey silty clay and some gypsum crystals	3.0-5.0+			
	TQ15NW341	MADE GROUND friable dark brown sandy clayey topsoil with some angular to rounded fine to coarse gravel of flint and many rootlets	0.0-0.3	none encountered	non encountered	No signs of contamination
		MADE GROUND firm fissured dark brown mottled orange brown and blue grey in parts, silty sandy clay with some gravel size pockets of range brown fine sand and occasional angular to rounded fine to coarse gravel of flint and concrete. At 1.6m becoming dark brown with subordinate blue grey, some fissure surfaces polished.	0.3-3.0+			
	TQ15NW98	TOP SOIL	0.0-0.45	none encountered	none encountered	No signs of contamination
		CLAY firm to stiff mottled grey, light and dark brown and silty with partings of reddish-brown fine sand	0.45-3.25			
		CLAY very stiff well fissured and laminated mottled grey-brown and silty, with occasional fragments of ferruginous material	3.25-5.0+			
	TQ15NW295	TOP SOIL	0.0-0.1	none encountered	none encountered	No signs of contamination
		MADE GROUND stiff light brown, mottled grey and silty, at 2.0m with rare selenite crystals, at 3.0m very closely fissured, from 4.0m becoming firm	0.1-6.5+			
	TQ15NW294	TOP SOIL	0.0-0.1	none encountered	none encountered	No signs of contamination
		MADE GROUND firm brown silty clay, at 2.0m extremely closely fissured, below 2.0m stiff. At 7.0m very closely fissured	0.1-8.0			
		MADE GROUND stiff extremely closely fissured brown silty clay	8.0-9.0+			
	TQ15NW295	TOP SOIL	0.0-0.1	none encountered	none encountered	No signs of contamination
		MADE GROUND stiff light brown, mottled grey, silty clay, at 2.0m selenite crystals, at 3.0m very closely fissured, below 4.0m firm	0.1-6.5+			
	TQ15NW296	TOP SOIL	0.0-0.1	slight seepage at 15.0m bgl (20.15m AOD)	N/A	No signs of contamination
		MADE GROUND firm to stiff brown silty slightly sandy clay with rare angular fine and medium gravel	0.1-0.6			
		MADE GROUND soft to firm brown mottled orange brown silty slightly fine sandy clay. At 1.0m rare selenite crystals, becoming firm and brown below 5.0m	0.6-8.0			
		LONDON CLAY firm brown and silty clay with rare selenite crystals and at 10.8m many selenite crystals	8.0-12.5			
		LONDON CLAY stiff grey brown silty clay at 15.0m, rare traces of fossil shells	12.5-15.0+			
	TQ15NW100	TOP SOIL	0.0-0.5	5.5m and 7.5m bgl (20.35 and 22.35m AOD)	N/A	No signs of contamination
		CLAY firm mottled light and dark brown and silty with partings of brown fine to medium sand and occasional gravel	0.5-2.25			
		CLAY firm becoming very stiff fissured mottled brown and grey silty, with occasional partings of silt and fine sand	2.25-5.5			
		CLAY stiff dark grey sandy and silty	5.5-6.6			
		CLAY very stiff laminated dark grey silty with a band of clay-stone at 7.4m	6.6-8.10+			
	TQ15NW302	TOP SOIL	0.0-0.1			

		MADE GROUND stiff light brown and brown mottled grey silty clay with rare selenite crystals. From 0.6 to 0.8m brown clayey sandy gravel. At 2.0m extremely closely spaced silt partings. Between 3.0 and 6.0 is firm clay	0.1-7.5+	none encountered	none encountered	No signs of contamination
	TQ15NW297	TOP SOIL	0.0-0.1	none encountered	none encountered	No signs of contamination
		MADE GROUND firm brown silty clay with occasional partings of fine sand	0.1-0.8			
		MADE GROUND firm very closely fissured grey silty clay with occasional brown silt partings	0.8-1.2			
		MADE GROUND firm light brown silty clay. From 1.2-4.0m is slightly sandy	1.2-4.0			
		POSSIBLE MADE GROUND firm light brown silty clay. From 5.0m very closely fissured. From 7.0m extremely closely and very closely fissured	4.0-9.0			
		LONDON CLAY firm grey slightly sandy silty clay with very closely spaced partings of grey silty sand	9.0-10.0+			
	TQ15NW342	MADE GROUND medium dense brown clayey silty sandy topsoil with many rootlets and rare fragments of wood	0.0-0.5	none encountered	none encountered	No signs of contamination
		MADE GROUND firm to stiff brown slightly mottled orange brown silty clay with many silty fine sandy pockets, rare pockets of gypsum rare selenite crystals and rare rounded medium to coarse gravel of flint. Below 1.8m with occasional rootlets, below 2.1m becoming grey mottled brown with many very silty occasionally fine to medium sandy layers/ lenses	0.5-3.0+			
	TQ15NW299	TOP SOIL	0.0-0.1	none encountered	none encountered	No signs of contamination
		MADE GROUND stiff grey brown mottled light brown and light grey silty clay	0.1-2.5			
		MADE GROUND stiff brown mottled light and dark brown silty clay with rare selenite crystals	2.5-6.5			
	TQ15NW300	TOP SOIL	0.0-0.1	none encountered	none encountered	No signs of contamination
		MADE GROUND firm very closely fissured grey silty clay	0.1-2.0			
		MADE GROUND stiff locally extremely closely fissured brown mottled light grey silty clay. No mottling below 8.0m	2.0-10.5+			
	TQ15NW304	TOP SOIL	0.0-0.2	11.3m bgl (25.5m AOD)	N/A	No signs of contamination
		MADE GROUND stiff grey silty clay with locally extremely closely spaced silt partings. Brown below 3.0m. Locally extremely closely spaced fissures below 5.0m	0.2-11.5			
		LONDON CLAY stiff extremely closely fissured silty clay	11.5-13.5+			
	TQ15NW307	TOP SOIL	0.0-0.1	none encountered	none encountered	No signs of contamination
		MADE GROUND firm grey silty clay. At 1.0m with rare fine gravel sized brick fragments. From 2.0m, light brown and brown. From 4.0-7.0m, rare selenite crystals. Below 8.0m, stiff clay	0.1-9.5+			
	TQ15NW310	TOP SOIL	0.0-0.2	none encountered	none encountered	No signs of contamination
		MADE GROUND firm dark brown silty clay with occasional angular medium gravel of flint	0.2-2.0			
		MADE GROUND soft to firm orange brown mottled grey brown silty slightly fine sandy clay. Becoming firm below 3.0m. Becoming brown mottled orange-brown below 4.3m. Rare angular to rounded fine gravel of flint at 10.0m	2.0-11.5			
		LONDON CLAY stiff brown silty slightly fine sandy clay. Mudstone band at 12.0m	11.5-14.0			
		LONDON CLAY stiff to very stiff grey brown silty clay. At 15.0m extremely closely and very closely fissured	14.0-15.0+			
	TQ15NW103	TOP SOIL	0.0-0.35	Seepages at 5.5, 6.8 and 27.15m bgl (0.35, 20.7 and 22m AOD). Encountered at 12.5m bgl (15m AOD)	9.0m bgl (18.5m AOD)	No signs of contamination
		SAND reddish-brown clayey fine to coarse, with fine to coarse gravel and cobbles of flint	0.35-1.35			
		CLAY stiff becoming very stiff mottled light grey and brown sandy and silty, with occasional fine to medium sand and gravel and occasional cobbles of flint	1.35-2.25			
		CLAY firm to stiff laminated becoming fissured mottled brown and light grey slightly sandy and silty with occasional partings of reddish-brown fine sand and occasional gypsum crystals.	2.25-5.5			
		CLAY stiff to hard, occasionally firm, laminated fissured dark grey and silty, with occasional silty fine sand partings	5.5-30.0+			
	TQ15NW104	TOP SOIL	0.0-0.3	seepage at 9.5m bgl (19.15m AOD)	N/A	No signs of contamination
		CLAY stiff fissured brown and silty with partings of sand	0.3-1.2			
		CLAY firm brown silty and very sandy with rounded medium flint gravel	1.2-1.8			
		CLAY stiff fissured grey-brown and silty with occasional gypsum crystals	1.8-5.5			
		CLAY firm to very stiff fissured grey and silty with lenses of grey sandy silty clay	5.5-10.0+			
Elm Lane (BGS, 2019)	TQ05NE112	TOP SOIL	0.0-0.2	seepage at 7.0m bgl (37.1m AOD)	N/A	No signs of contamination
		SAND medium dense mottled greenish grey to orange clayey fine to medium grained	0.2-2.5			
		SAND medium dense greenish grey clayey fine to medium grained, with occasional patches of orange fine	2.5-8.0+			



	TQ05NE114	TOP SOIL	0.0-0.15	seepage at 3.0m bgl (31.28m AOD)	N/A	No signs of contamination
		SAND loose to medium dense mottled greenish grey to orange clayey fine to medium grained, with occasional scattered medium to coarse flint gravel	0.15-2.7			
		SAND very dense greenish grey clayey fine-grained, with occasional patches of orange fine grained	2.7-8.0+			
Wisley (BGS, 2019)	TQ05NE26	TOP SOIL	0.0-0.38	seepage at 1.0m bgl (23.46m AOD)	N/A	No signs of contamination
		SAND brown silty fine to medium, with medium to coarse gravel, becoming less silty with depth	0.38-2.3			
		SAND yellow-orange silty fine to medium, with occasional fine gravel	2.3-3.0			
	TQ05NE24	TOP SOIL	0.0-0.33	artesian conditions-water 0.3m above ground level	artesian conditions- water 0.3m above ground level	No signs of contamination
		SAND medium dense brown silty fine to medium, with roots	0.33-1.68			
		SAND grey silty fine to coarse, with occasional fine gravel and pockets of clay	1.68-2.13			
		GRAVELS AND COBBLES dense medium to coarse	2.13-2.9			
		SAND grey slightly silty fine to medium	2.9-3.9			
		CLAY stiff grey sand silty, with bands of grey silt	3.9-4.88			
		SAND very dense grey silty and fine to coarse, with some fine gravel and pockets of stiff grey silty clay	4.88-9.14			
Ripley (BGS, 2019)	TQ05NE23	TOP SOIL	0.0-0.18	water strike at 0.3m bgl (21.04m AOD)	N/A	No signs of contamination
		SAND brown silty fine to medium	0.18-0.61			
		GRAVEL dense brown sandy fine to coarse	0.61-1.5			
		CLAY stiff grey sandy silty, with occasional traces of organic matter	1.5-3.05			
	TQ05NE25	TOP SOIL	0.0-0.46	artesian conditions (0.3m agl)	N/A	No signs of contamination
		CLAY soft to stiff brown and mottled grey and brown sandy or silty, with some organic matter	0.46-2.13			
		SAND dark grey clayey fine to coarse	2.13-2.44			
		GRAVEL grey sandy fine to coarse, with pockets of clayey fine sand	2.44-3.3			
		SAND dense dark grey clayey fine to coarse, with fine to medium gravel	3.3-3.9			
		CLAY firm grey and silty, with layers of grey sand	3.9-4.0			
		SAND very dense grey clayey fine to coarse, with pockets of grey sandy clay	4.0-8.8			
		SAND very dense grey fine to coarse	8.8-9.14+			
	TQ05NE22	TOP SOIL	0.0-0.4	water strike at 1.1m bgl (22.19m AOD)	N/A	No signs of contamination
		GRAVEL dense brown sandy fine to coarse	0.4-1.1			
		CLAY yellow -brown sandy silty, with gravel	1.1-1.98			
		CLAY stiff to very stiff gray silty, occasionally sandy, with bands of gray fine to medium sand	1.98-5.8			
		GRAVEL black sandy medium to coarse	5.8-6.1			
		CLAY stiff to very stiff grey silty and sandy and silty, with bands of clayey fine to coarse sand	6.1-13.11			
		CLAY very stiff, becoming hard, fissured grey sandy silty, with occasional thin bands of silt and fine sand	13.11-30.5+			
	TQ05NE20	TOP SOIL	0.0-0.48	water strike at 1.2m bgl (23.59m AOD)	N/A	No signs of contamination
		SAND AND GRAVEL very dense, becoming dense, brown, fine to coarse, with occasional cobbles.	0.48-3.65			
		GRAVEL dense black sandy medium to coarse	3.65-4.57			
		SAND very dense yellow-grey, becoming grey, fine to medium, with occasional gravel	4.57-6.1+			
	TQ05NE21	TOP SOIL	0.0-0.53	0.76m bgl (23.55m AOD)	N/A	No signs of contamination
		SAND very dense brown fine to coarse, with fine to coarse gravel	0.53-3.05+			
	TQ05NE18	TOP SOIL	0.0-0.36	1.4m bgl (28.01m AOD)	N/A	No signs of contamination
		SAND yellow-brown silty fine to medium, with some fine to coarse gravel	0.36-3.05+			
	TQ05NE284	TOP SOIL	0.0-0.9	2.8m bgl	1.5m bgl	No signs of contamination
		GRAVEL brown, medium sand and flint	0.9-3.0			
		BAGSHOT FORMATION greeny grey sandy clay and grey/brown medium sand	3.0-7.0			

		LONDON CLAY blue silty clay	7.0-8.0+			
	TQ05NE286	TOP SOIL	0.0-0.6	none encountered	non encountered	No signs of contamination
		CLAY yellow and sandy	0.6-1.2			
		SAND yellow and fine	1.2-9.0+			
	TQ05NE285	TOP SOIL	0.0-0.6	none encountered	non encountered	No signs of contamination
		SAND brown medium	0.6-5.5			
		CLAY yellow sandy becoming blue silty and sandy	5.5-10.0+			
	TQ05NE296	TOP SOIL sandy	0.0-0.8	3.5m bgl	N/A	No signs of contamination
		SAND yellow	0.8-1.2			
		CLAY sandy brown, becoming blue with less sand	1.2-3.8+			
	TQ05NE19	TOP SOIL	0.0-0.38	N/A	N/A	No signs of contamination
		SAND yellow-brown silty fine to medium, with some fine to coarse gravel	0.38-1.37			
		GRAVEL medium dense brown sandy fine to coarse, with occasional pockets of yellow-brown clay	1.37-1.98			
		CLAY firm to stiff mottled yellow and brown, becoming green and brown, sandy and silty, with occasional fine to medium gravel and layers of green-brown clayey silt	1.98-4.57+			
	TQ05NE17	TOP SOIL	0.0-0.46	none encountered	non encountered	No signs of contamination
		SAND AND GRAVEL medium dense brown fine to coarse	0.46-2.44			
		SAND very dense grey and yellow-grey silty fine to medium, with occasional fine gravel and pockets of brown sandy silty clay	2.44-6.10+			
Temporary works land (BGS, 2019)	TQ05NE97	TOP SOIL	0.0-0.15	encountered at 5.0m bgl	encountered at 5.0m bgl	No signs of contamination
		CLAY firm grey very sandy and silty with pockets of ginger brown fine sand	0.15-1.55			
		SAND light grey slightly clayey silty, fine to medium, with pockets of light brown silty fine to medium sand	1.55-8.8			
		CLAY stiff laminated grey and silty with partings of grey silt and bands of light grey clayey silty fine sand	8.8-11.05			
	TQ05NE120	TOP SOIL	0.0-0.15	encountered 2.8m bgl	encountered 2.8m bgl	No signs of contamination
		SAND loose brown clayey fine to medium grained, with occasional scattered medium gravel	0.15-1.6			
		SAND medium dense greenish grey	1.6-2.2			
		GRAVEL medium dense to medium, with greenish grey sand	2.2 -2.5			
		SAND medium dense orange clayey fine to medium grained, with patches of greenish grey sandy clay	2.5-6.8			
		CLAY firm blueish grey and sandy, with whiteish and orange fine sand laminations	6.8-8.0			
	TQ05NE121	TOP SOIL	0.0-0.15	water strike at 3.65m bgl	water strike at 3.65m bgl	No signs of contamination
		sand loose brown clayey fine to medium grained, with occasional scattered medium gravel	0.15-0.8			
		SAND loose greyish brown clayey fine to medium grained, with patches of greenish grey sandy clay	0.8-2.4			
		SAND medium dense greyish brown clay fine to medium grained, with patches of greenish grey sandy clay and occasional scattered medium coarse flint gravel	2.4-3.65			
		SAND very dense orange fine to medium grained	3.65-5.3			
		SAND medium dense mottled greenish grey and orange very clayey fine to medium grained	5.3-6.9			
		CLAY firm blueish grey and sandy, with whiteish and orange fine sand laminations	6.9-8.0			
	TQ05NE53	TOP SOIL	0.0-0.46	2.85m bgl (20.55m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION grey and brown sandy silty clay	0.46-2.9			
		BAGSHOT FORMATION grey silty very fine sand	2.9-7.92+			
	TQ05NE55	TOP SOIL	0.0-0.46	1.2m bgl (23.81m AOD) and 5.3 m bgl (19.71m AOD)	N/A	No signs of contamination
		ALLUVIUM mottled brown fine sand and gravel	0.46-0.76			
		BAGSHOT FORMATION mottled brown, yellow and grey clayey fine sand with lenses of sandy or silty clay	0.76-4.27			
		BAGSHOT FORMATION grey silty and clayey fine sand	4.27-9.48			

		BAGSHOT FORMATION grey clayey silt with layers and lenses of fine sand	9.48-19.2			
		BAGSHOT FORMATION blue/grey clayey silty fine sand with lenses of sand	19.2-20.73			
		CLAYGATE grey laminated clayey silt with laminations of fine sand	20.73-22.86			
		CLAYGATE light grey fine sand with abundant pokcets of grey silty clay	22.86-25.0+			
	TQ05NE56	TOP SOIL	0.0-0.61	2.1m bgl (24.1m AOD) and 5.1m bgl (21.1m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION buff very fine sand	0.61-2.13			
		BAGSHOT FORMATION light brown very clayey fine sand with lenses of silty clay	2.13-5.18			
		BAGSHOT FORMATION grey silty medium to fine sand	5.18-10			
		BAGSHOT FORMATION grey silty fine sandy clay and very clayey fine sand	10.0-17.52			
		BAGSHOT FORMATION grey silty and sandy clay with sand lenses and black pebbles	17.52-20.11+			
	TQ05NE54	TOP SOIL	0.0-0.46	1.05m bgl (23.75m AOD)	N/A	No signs of contamination
		BAGSHOT FORMATION mottled brown medium to fine sand	0.46-2.44			
		BAGSHOT FORMATION light brown sand and clayey with layers of grey silty clay	2.44-4.27			
		BAGSHOT FORMATION dark grey silty very fine sand	4.27-9.45			
		BAGSHOT FORMATION grey sandy silt inter-bedded with very fine sand	9.45-15.54			
		BAGSHOT FORMATION black pebbles and grey clayey sand	15.54-16.5			
		CLAYGATE interbedded layers and lenses of light brown and grey sand and dark grey very silty clay	16.5-20.11+			
	TQ05NE155	TOP SOIL	0.0-0.15	not recorded	not recorded	No signs of contamination
		CLAY firm brown mottled and silty with root fibres	0.15-0.95			
		CLAY firm brown mottled laminated and silty with silty on the laminations	0.95-2.80			
		CLAY stiff dark brown finely laminated and silty with silt in the laminations	2.8-3.4			
		CLAY stiff grey finely laminated and silty with silt on the laminations	3.4-5.0			
	TQ05NE164	TOP SOIL	0.0-0.15	not recorded	not recorded	No signs of contamination
		CLAY firm brown and brown/grey mottled and laminated with silt on the laminations	0.15-3.1			
		CLAY firm dark brown laminated and fissured and silty with partings and pockets of silt	3.1-4.2			
		CLAY stiff brown finely laminated and silty with silt on the laminations	4.2- 5.0			
	TQ05NE165	TOP SOIL	0.0-0.15	seepage at 4.4m bgl	seepage at 4.4m bgl	No signs of contamination
		CLAY firm brown and brown/grey mottled finely fissured, laminated and silty with silt in the fissures and laminations	0.15-3.2			
		CLAY firm grey and silty with partings and pockets of silt	3.2-4.0			
		CLAY stiff brown finely laminated and silty with silt on the laminations	4.0-5.6			
		SAND grey and silty, clayey in places	5.6-10			
	TQ05NE203	TOP SOIL	0.0-0.6	none encountered	N/A	No signs of contamination
		SAND fine grey-brown silty, clayey in places	0.6-3.05			
	TQ05NE191	TOPSOIL	0.0-0.6	none encountered	none encountered	No signs of contamination
		SAND fine grey-brown containing grey clay at some levels	0.6-3.05			
	TQ05NE184	TOPSOIL	0.0-0.6	none encountered	none encountered	No signs of contamination
		SAND grey-brown becoming clayey with depth	0.6-3.35			

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