

JOB DETAILS													
Location:		GI at Colt Data Centre				Engineer:		FS + MK					
Date:		25/11/2021		Job Number:		21/3600		Time:		09:20			
METEOROLOGICAL AND SITE INFORMATION													
State of ground:		☒ Dry	☐ Moist	☐ Wet	Delete As Required Ground Level								
Wind:		☐ Calm	☒ Light	☐ Moderate									☐ Strong
Cloud cover:		☐ None	☒ Slight	☐ Cloudy									☐ Overcast
Precipitation		☒ None	☐ Slight	☐ Moderate									☐ Heavy
Barometric pressure (mb) Before:		1011	dP (Pa) initial:	0	aP (mb) After:	1011	Temperature (°C)	4					
INSTRUMENTATION USED													
										Tick if gas sample taken:		☐	
Gas concentration:		#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%; #2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;								Tick Instrument used ☒			
BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
BH101	DRY	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	0.2	14.5	0.0	0.0	0.3	Short
					30	0.0	0.0	1.4	15.0	0.0	0.0	0.1	
		0	0	0	60	0.0	0.0	1.4	14.6	0.0	0.0	0.0	
		30			5	0.0	0.0	1.4	14.5	0.0	0.0	0.2	Long
		60			30	0.0	0.0	1.4	14.6	0.0	0.0	0.1	
		90			60	0.0	0.0	1.4	14.5	0.0	0.0	0.1	
		120			60	0.0	0.0	1.4	14.4	0.0	0.0	Circulation	
		150			120	0.0	0.0	1.4	14.4	0.0	0.0		
		180			180	0.0	0.0	1.4	14.4	0.0	0.0		
		210			240								
		240			300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	1.2	14.5	0.0	0.0	0.0	Short
		600			30	0.0	0.0	1.4	14.6	0.0	0.0	0.0	
					60	0.0	0.0	1.4	14.5	0.0	0.0	0.0	
					5	0.0	0.0	1.4	14.3	0.0	0.0	0.1	Long
					30	0.0	0.0	1.3	14.8	0.0	0.0	0.0	
					60	0.0	0.0	1.3	14.8	0.0	0.0	0.0	
KEY aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument. dP: Differential Pressure OR: Out of Range													

JOB DETAILS			
Location:	GI at Colt Data Centre		Engineer: FS + DS
Date:	24/11/2021	Job Number: 21/3600	Time: 11:58

METEOROLOGICAL AND SITE INFORMATION							
State of ground:	☒ Dry	☐ Moist	☐ Wet	Delete As Required			
Wind:	☐ Calm	☒ Light	☐ Moderate	☐ Strong	Ground Level		
Cloud cover:	☐ None	☐ Slight	☐ Cloudy	☒ Overcast			
Precipitation	☒ None	☐ Slight	☐ Moderate	☐ Heavy			
Barometric pressure (mb) Before:	1014	dP (Pa) initial:	0	aP (mb) After:	1014	Temperature (°C)	7

INSTRUMENTATION USED		Tick if gas sample taken:	
Gas concentration:	#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%; #2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;	☐	Tick Instrument used

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
BH105	DRY	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	0.3	19.6	0.0	0.0	0.2	Short
					30	0.0	0.0	0.0	20.3	0.0	0.0	0.0	
		0	0	0	60	0.0	0.0	0.0	20.1	0.0	0.0	0.0	
		30			5	0.0	0.0	0.0	19.8	0.0	0.0	0.5	Long
		60			30	0.0	0.0	0.0	20.0	0.0	0.0	0.0	
		90			60	0.0	0.0	0.0	20.1	0.0	0.0	0.0	
		120			60	0.0	0.0	0.0	20.1	0.0	0.0		
		150			120	0.0	0.0	0.0	20.1	0.0	0.0		
		180			180	0.0	0.0	0.0	20.1	0.0	0.0		
		210			240								
		240			300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	0.0	20.3	0.0	0.0	0.0	Short
		600			30	0.0	0.0	0.0	20.2	0.0	0.0	0.0	
					60	0.0	0.0	0.0	20.2	0.0	0.0	0.0	
					5	0.0	0.0	0.0	19.8	0.0	0.0	0.2	Long
					30	0.0	0.0	0.0	20.2	0.0	0.0	0.0	
					60	0.0	0.0	0.0	20.2	0.0	0.0	0.0	

KEY		
aP: Atmospheric Pressure	NR: Not Recorded	Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument.
dP: Differential Pressure	OR: Out of Range	

JOB DETAILS			
Location:	GI at Colt Data Centre		Engineer: FS + DS
Date:	24/11/2021	Job Number: 21/3600	Time: 12:28

METEOROLOGICAL AND SITE INFORMATION							
State of ground:	☒ Dry	☐ Moist	☐ Wet	Delete As Required			
Wind:	☐ Calm	☒ Light	☐ Moderate	☐ Strong	Ground Level		
Cloud cover:	☐ None	☐ Slight	☐ Cloudy	☒ Overcast			
Precipitation	☒ None	☐ Slight	☐ Moderate	☐ Heavy			
Barometric pressure (mb) Before:	1014	dP (Pa) initial:	0	aP (mb) After:	1014	Temperature (°C)	7

INSTRUMENTATION USED		Tick if gas sample taken:	X
Gas concentration:	#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%; #2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;		
		X	Tick Instrument used

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
BH106	DRY	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	0.5	19.5	0.0	0.0	0.0	Short
					30	0.0	0.0	3.2	14.0	0.0	0.0	0.0	
		0	19	3.4	60	0.0	0.0	3.2	13.7	0.0	0.0	0.0	
		30	10	2.4	5	0.0	0.0	3.2	13.2	0.0	0.0	0.1	Long
		60	14	3.0	30	0.0	0.0	3.7	13.0	0.0	0.0	0.1	
		90	14	3.0	60	0.0	0.0	3.8	12.9	0.0	0.0	0.1	
		120	13	2.8	60	0.0	0.0	3.3	13.5	0.0	0.0		
		150	13	2.8	120	0.0	0.0	3.3	13.4	0.0	0.0		
		180	13	2.8	180	0.0	0.0	3.3	13.4	0.0	0.0		
		210	12	2.6	240								
		240	11	2.5	300								
		270	12	2.7	360								
		300	13	2.8	420								
		360	13	3.0	480								
		420	13	3.0	540								
		480	12	2.8	600								
		540	13	2.8	5	0.0	0.0	0.2	18.5	0.0	0.0	0.0	Short
		600	13	3.0	30	0.0	0.0	3.7	13.3	0.0	0.0	0.0	
					60	0.0	0.0	3.7	13.1	0.0	0.0	0.0	
					5	0.0	0.0	2.4	12.9	0.0	0.0	0.1	Long
					30	0.0	0.0	3.5	13.6	0.0	0.0	0.1	
					60	0.0	0.0	3.6	13.3	0.0	0.0	0.0	

KEY
aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument.
dP: Differential Pressure OR: Out of Range

JOB DETAILS			
Location:	GI at Colt Data Centre		Engineer: FS + MK
Date:	25/11/2021	Job Number: 21/3600	Time: 09:37

METEOROLOGICAL AND SITE INFORMATION							
State of ground:	☒ Dry	☐ Moist	☐ Wet	Delete As Required			
Wind:	☒ Calm	☐ Light	☐ Moderate	☐ Strong	Ground Level		
Cloud cover:	☒ None	☐ Slight	☐ Cloudy	☐ Overcast			
Precipitation	☒ None	☐ Slight	☐ Moderate	☐ Heavy			
Barometric pressure (mb) Before:	1010	dP (Pa) initial:	0	aP (mb) After:	1010	Temperature (°C)	4

INSTRUMENTATION USED		Tick if gas sample taken:	
Gas concentration:	#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%; #2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;	☐	Tick Instrument used

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
WS201	DRY	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	1.6	15.9	0.0	0.0	0.1	Short
					30	0.0	0.0	2.3	18.8	0.0	0.0	0.0	
		0	0	0.0	60	0.0	0.0	2.3	18.8	0.0	0.0	0.0	
		30			5	0.0	0.0	2.3	18.5	0.0	0.0	0.1	Long
		60			30	0.0	0.0	2.3	18.9	0.0	0.0	0.0	
		90			60	0.0	0.0	2.3	18.8	0.0	0.0	0.0	
		120			60	0.0	0.0	2.3	18.8	0.0	0.0		
		150			120	0.0	0.0	2.3	18.8	0.0	0.0		
		180			180	0.0	0.0	2.3	18.8	0.0	0.0		
		210			240								
		240			300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	2.2	19.0	0.0	0.0	0.0	Short
		600			30	0.0	0.0	2.3	19.0	0.0	0.0	0.0	
					60	0.0	0.0	2.3	18.9	0.0	0.0	0.0	
					5	0.0	0.0	2.3	18.3	0.0	0.0	0.0	Long
					30	0.0	0.0	2.3	18.8	0.0	0.0	0.0	
					60	0.0	0.0	2.3	18.8	0.0	0.0	0.0	

KEY
aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument.
dP: Differential Pressure OR: Out of Range

JOB DETAILS													
Location:		GI at Colt Data Centre				Engineer:		FS + DS					
Date:		24/11/2021		Job Number:		21/3600		Time:		10:52			

METEOROLOGICAL AND SITE INFORMATION																			
State of ground:		☒	Dry	☐	Moist	☐	Wet	Delete As Required											
Wind:		☐	Calm	☒	Light	☐	Moderate							☐	Strong	Ground Level			
Cloud cover:		☐	None	☐	Slight	☐	Cloudy							☒	Overcast				
Precipitation		☒	None	☐	Slight	☐	Moderate							☐	Heavy				
Barometric pressure (mb) Before:		1016		dP (Pa) initial:		0		aP (mb) After:		1016		Temperature (°C)		7					

INSTRUMENTATION USED										Tick if gas sample taken:			
Gas concentration:		#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;								☐	Tick Instrument used		
		#2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;								☒			

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
WS204	DRY	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	0.3	20.3	0.0	0.0	0.1	Short
					30	0.0	0.0	0.2	19.9	0.0	0.0	0.0	
		0	0	0	60	0.0	0.0	0.2	19.8	0.0	0.0	0.0	
		30			5	0.0	0.0	0.2	19.4	0.0	0.0	0.0	Long
		60			30	0.0	0.0	0.2	19.7	0.0	0.0	0.0	
		90			60	0.0	0.0	0.2	19.6	0.0	0.0	0.0	
		120			60	0.0	0.0	0.2	19.7	0.0	0.0		
		150			120	0.0	0.0	0.2	19.6	0.0	0.0		
		180			180	0.0	0.0	0.2	19.6	0.0	0.0		
		210			240							Circulation	
		240			300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	0.2	19.5	0.0	0.0		0.0
		600			30	0.0	0.0	0.1	19.9	0.0	0.0	0.0	
					60	0.0	0.0	0.2	19.8	0.0	0.0	0.0	
					5	0.0	0.0	0.1	19.4	0.0	0.0	0.0	Long
					30	0.0	0.0	0.2	19.7	0.0	0.0	0.0	
					60	0.0	0.0	0.2	19.6	0.0	0.0	0.0	

KEY aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument. dP: Differential Pressure OR: Out of Range													
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JOB DETAILS			
Location:	GI at Colt Data Centre		Engineer: FS + DS
Date:	24/11/2021	Job Number: 21/3600	Time: 11:30

METEOROLOGICAL AND SITE INFORMATION							
State of ground:	☒ Dry	☐ Moist	☐ Wet	Delete As Required			
Wind:	☐ Calm	☐ Light	☐ Moderate	☐ Strong	Ground Level		
Cloud cover:	☐ None	☐ Slight	☐ Cloudy	☒ Overcast			
Precipitation	☒ None	☐ Slight	☐ Moderate	☐ Heavy			
Barometric pressure (mb) Before:	1016	dP (Pa) initial:	0	aP (mb) After:	1014	Temperature (°C)	7

INSTRUMENTATION USED		Tick if gas sample taken:	
Gas concentration:	#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%; #2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;	☐	Tick Instrument used

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
WS206	DRY	Time (s)	dP (Pa)	Flow (l/h)	5	0.4	0.0	0.5	19.9	0.0	0.0	0.2	Short
					30	0.0	0.0	0.5	19.5	0.0	0.0	0.0	
		0	0	0	60	0.0	0.0	0.5	19.3	0.0	0.0	0.0	
		30			5	0.0	0.0	0.5	19.6	0.0	0.0	0.3	Long
		60			30	0.0	0.0	0.6	19.4	0.0	0.0	0.0	
		90			60	0.0	0.0	0.6	19.2	0.0	0.0	0.0	
		120			60	0.0	0.0	0.5	19.3	0.0	0.0		
		150			120	0.0	0.0	0.5	19.3	0.0	0.0		
		180			180	0.0	0.0	0.5	19.3	0.0	0.0		
		210			240								
		240			300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	2.2	19.4	0.0	0.0	0.1	Short
		600			30	0.0	0.0	0.6	19.6	0.0	0.0	0.0	
					60	0.0	0.0	0.6	19.4	0.0	0.0	0.0	
					5	0.0	0.0	0.6	18.8	0.0	0.0	0.2	Long
					30	0.0	0.0	0.5	19.5	0.0	0.0	0.1	
					60	0.0	0.0	0.5	19.4	0.0	0.0	0.0	

KEY
aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument.
dP: Differential Pressure OR: Out of Range

JOB DETAILS																
Location:		GI at Colt Data Centre				Engineer:		FS + DS								
Date:		24/11/2021		Job Number:		21/3600		Time:		13:10						
METEOROLOGICAL AND SITE INFORMATION																
State of ground:		☒ Dry	☐ Moist	☐ Wet	Delete As Required											
Wind:		☐ Calm	☒ Light	☐ Moderate										☐ Strong	Ground Level	
Cloud cover:		☐ None	☐ Slight	☐ Cloudy										☒ Overcast		
Precipitation		☒ None	☐ Slight	☐ Moderate										☐ Heavy		
Barometric pressure (mb) Before:		1013	dP (Pa) initial:	0	aP (mb) After:	1013	Temperature (°C)	7								
INSTRUMENTATION USED																
										Tick if gas sample taken:						
Gas concentration:		#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%; #2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;								Tick Instrument used ☒						
BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments			
WS207C	DRY	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	0.6	19.2	0.0	0.0	0.1	Short			
					30	0.0	0.0	0.1	20.0	0.0	0.0	0.0				
		0	0	0	60	0.0	0.0	0.1	20.1	0.0	0.0	0.0				
		30			5	0.0	0.0	0.1	20.3	0.0	0.0	0.2	Long			
		60			30	0.0	0.0	0.1	20.3	0.0	0.0	0.0				
		90			60	0.0	0.0	0.1	20.2	0.0	0.0	0.0				
		120			60	0.0	0.0	0.1	20.1	0.0	0.0	Circulation				
		150			120	0.0	0.0	0.1	20.1	0.0	0.0					
		180			180	0.0	0.0	0.1	20.1	0.0	0.0					
		210			240											
		240			300											
		270			360											
		300			420											
		360			480											
		420			540											
		480			600											
		540			5	0.0	0.0	1.2	18.2	0.0	0.0	0.0	Short			
		600			30	0.0	0.0	0.1	20.0	0.0	0.0	0.0				
					60	0.0	0.0	0.1	20.0	0.0	0.0	0.0				
					5	0.0	0.0	0.1	20.2	0.0	0.0	0.1	Long			
					30	0.0	0.0	0.1	20.1	0.0	0.0	0.0				
					60	0.0	0.0	0.1	20.0	0.0	0.0	0.0				
KEY aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument. dP: Differential Pressure OR: Out of Range																

JOB DETAILS													
Location:		GI at Colt Data Centre				Engineer:		FS + MK					
Date:		25/11/2021		Job Number:		21/3600		Time:		10:00			
METEOROLOGICAL AND SITE INFORMATION													
State of ground:		☒ Dry	☐ Moist	☐ Wet	Delete As Required Ground Level								
Wind:		☒ Calm	☐ Light	☐ Moderate									☐ Strong
Cloud cover:		☒ None	☐ Slight	☐ Cloudy									☐ Overcast
Precipitation		☒ None	☐ Slight	☐ Moderate									☐ Heavy
Barometric pressure (mb) Before:		1010	dP (Pa) initial:	0	aP (mb) After:	1011	Temperature (°C)	7					
INSTRUMENTATION USED													
										Tick if gas sample taken:		☐	
Gas concentration:		#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%; #2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;								Tick Instrument used ☒			
BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
WS214	DRY	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	1.3	19.6	0.0	0.0	0.2	Short
					30	0.0	0.0	0.5	3.2	0.0	53.0	0.2	
		0	0	0	60	0.0	0.0	0.6	2.7	0.0	15.0	0.2	
		30			5	0.0	0.0	0.6	3.8	0.0	0.0	0.5	Long
		60			30	0.0	0.0	0.8	2.2	0.0	0.0	0.2	
		90			60	0.0	0.0	0.7	2.3	0.0	0.0	0.2	
		120			60	0.0	0.0	0.7	2.8	0.0	28.0	Circulation	
		150			120	0.0	0.0	0.6	2.8	0.0	43.0		
		180			180	0.0	0.0	0.5	3.2	0.0	34.0		
		210			240	0.0	0.0	0.6	3.0	0.0	10.0		
		240			300	0.0	0.0	0.6	2.9	0.0	0.0		
		270			360	0.0	0.0	0.6	3.0	0.0	0.0		
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	0.7	3.2	0.0	0.0	0.1	Short
		600			30	0.0	0.0	0.7	2.7	0.0	0.0	0.2	
					60	0.0	0.0	0.7	2.7	0.0	14.0	0.2	
					5	0.0	0.0	0.7	2.8	0.0	0.0	0.2	Long
					30	0.0	0.0	0.7	2.6	0.0	0.0	0.2	
					60	0.0	0.0	0.7	2.7	0.0	0.0	0.2	
KEY aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument. dP: Differential Pressure OR: Out of Range													

JOB DETAILS			
Location:	GI at Colt Data Centre		Engineer: FS + EP
Date:	01/12/2021	Job Number: 21/3600	Time: 13:37

METEOROLOGICAL AND SITE INFORMATION							
State of ground:	☐ Dry	☒ Moist	☐ Wet	Delete As Required			
Wind:	☐ Calm	☒ Light	☐ Moderate	☐ Strong	Ground Level		
Cloud cover:	☐ None	☐ Slight	☒ Cloudy	☐ Overcast			
Precipitation	☐ None	☒ Slight	☐ Moderate	☐ Heavy			
Barometric pressure (mb) Before:	991	dP (Pa) initial:	0	aP (mb) After:	991	Temperature (°C)	8

INSTRUMENTATION USED		Tick if gas sample taken:	
Gas concentration:	#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;	☐	
	#2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;	☒	Tick Instrument used

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
BH101	Dry	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	2.3	18.2	0.0	0.0	0.1	Short
					30	0.0	0.0	2.1	14.9	0.0	0.0	0.0	
		0	0	0	60	0.0	0.0	2.1	14.8	0.0	0.0	0.0	
		30			5	0.0	0.0	2.0	14.8	0.0	0.0	0.0	Long
		60			30	0.0	0.0	2.1	14.7	0.0	0.0	0.0	
		90			60	0.0	0.0	2.1	14.7	0.0	0.0	0.0	
		120			60	0.0	0.0	2.1	14.5	0.0	0.0		
		150			120	0.0	0.0	2.1	14.5	0.0	0.0		
		180			180	0.0	0.0	2.1	14.5	0.0	0.0		
		210			240								
		240			300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	1.9	14.8	0.0	0.0	0.0	Short
		600			30	0.0	0.0	2.0	14.9	0.0	0.0	0.0	
					60	0.0	0.0	2.0	14.7	0.0	0.0	0.0	
					5	0.0	0.0	2.0	14.3	0.0	0.0	0.0	Long
					30	0.0	0.0	2.1	14.7	0.0	0.0	0.0	
					60	0.0	0.0	2.0	14.7	0.0	0.0	0.0	

KEY
aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument.
dP: Differential Pressure OR: Out of Range

JOB DETAILS			
Location:	GI at Colt Data Centre		Engineer: FS + EP
Date:	01/12/2021	Job Number: 21/3600	Time: 11:54

METEOROLOGICAL AND SITE INFORMATION							
State of ground:	☒ Dry	☐ Moist	☐ Wet	Delete As Required			
Wind:	☐ Calm	☐ Light	☒ Moderate	☐ Strong	Ground Level		
Cloud cover:	☐ None	☐ Slight	☒ Cloudy	☐ Overcast			
Precipitation	☒ None	☐ Slight	☐ Moderate	☐ Heavy			
Barometric pressure (mb) Before:	992	dP (Pa) initial:	0	aP (mb) After:	990	Temperature (°C)	8

INSTRUMENTATION USED		Tick if gas sample taken:	
Gas concentration:	#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%; #2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;	☐	Tick Instrument used

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
BH105	Dry	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	0.5	18.3	0.0	0.0	0.4	Short
					30	0.0		0.0	20.3	0.0	0.0	0.1	
		0	0	0	60	0.0	0.0	0.0	20.2	0.0	0.0	0.0	
		30			5	0.0	0.0	0.0	19.8	0.0	0.0	0.6	Long
		60			30	0.0	0.0	0.0	20.2	0.0	0.0	0.1	
		90			60	0.0	0.0	0.0	20.2	0.0	0.0	0.1	
		120			60	0.0	0.0	0.0	20.2	0.0	0.0		
		150			120	0.0	0.0	0.0	20.2	0.0	0.0		
		180			180	0.0	0.0	0.0	20.2	0.0	0.0		
		210			240								
		240			300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	0.0	20.1	0.0	0.0	0.0	Short
		600			30	0.0	0.0	0.0	20.5	0.0	0.0	0.0	
					60	0.0	0.0	0.0	20.3	0.0	0.0	0.0	
					5	0.0	0.0	0.0	19.8	0.0	0.0	0.1	Long
					30	0.0	0.0	0.0	20.2	0.0	0.0	0.0	
					60	0.0	0.0	0.0	20.2	0.0	0.0	0.0	

KEY
aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument.
dP: Differential Pressure OR: Out of Range

JOB DETAILS			
Location:	GI at Colt Data Centre		Engineer: FS + EP
Date:	01/12/2021	Job Number: 21/3600	Time: 14:05

METEOROLOGICAL AND SITE INFORMATION									
State of ground:	☒ Dry	☐ Moist	☐ Wet					Delete As Required	
Wind:	☐ Calm	☐ Light	☒ Moderate	☐ Strong					Ground Level
Cloud cover:	☐ None	☐ Slight	☒ Cloudy	☐ Overcast					
Precipitation	☒ None	☐ Slight	☐ Moderate	☐ Heavy					
Barometric pressure (mb) Before:	991	dP (Pa) initial:	0	aP (mb) After:	991	Temperature (°C)	8		

INSTRUMENTATION USED			
Gas concentration:	#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;	Tick if gas sample taken:	☒
	#2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;	Tick Instrument used	☒

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
BH106	Dry	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	1.8	16.0	0.0	0.0	0.1	Short
					30	0.0	0.0	3.3	14.7	0.0	0.0	0.0	
		0	9	0.7	60	0.0	0.0	3.3	14.5	0.0	0.0	0.0	
		30	27	2.2	5	0.0	0.0	3.3	14.2	0.0	0.0	0.3	Long
		60	27	2.3	30	0.0	0.0	3.3	14.5	0.0	0.0	0.1	
		90	24	2.1	60	0.0	0.0	3.3	14.4	0.0	0.0	0.1	
		120	27	2.3	60	0.0	0.0	3.4	14.4	0.0	0.0		
		150	27	2.3	120	0.0	0.0	3.4	14.4	0.0	0.0		
		180	27	2.2	180	0.0	0.0	3.4	14.4	0.0	0.0		
		210	27	2.3	240								
		240	27	2.3	300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	2.3	15.9	0.0	0.0	0.0	Short
		600			30	0.0	0.0	2.5	15.7	0.0	0.0	0.0	
					60	0.0	0.0	2.5	15.8	0.0	0.0	0.0	
					5	0.0	0.0	2.6	15.2	0.0	0.0	0.0	Long
					30	0.0	0.0	3.3	14.4	0.0	0.0	0.0	
					60	0.0	0.0	3.4	14.3	0.0	0.0	0.0	

KEY
aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument.
dP: Differential Pressure OR: Out of Range

JOB DETAILS			
Location:	GI at Colt Data Centre		Engineer: FS + EP
Date:	01/12/2021	Job Number: 21/3600	Time: 12:46

METEOROLOGICAL AND SITE INFORMATION							
State of ground:	☒ Dry	☐ Moist	☐ Wet	Delete As Required			
Wind:	☒ Calm	☐ Light	☐ Moderate	☐ Strong	Ground Level		
Cloud cover:	☒ None	☐ Slight	☐ Cloudy	☐ Overcast			
Precipitation	☒ None	☐ Slight	☐ Moderate	☐ Heavy			
Barometric pressure (mb) Before:	990	dP (Pa) initial:	0	aP (mb) After:	990	Temperature (°C)	8

INSTRUMENTATION USED				Tick if gas sample taken:		
Gas concentration:	#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;				☐	Tick Instrument used
	#2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;				☒	

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
WS201	Dry	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	0.1	19.9	0.0	0.0	0.0	Short
					30	0.0	0.0	2.4	18.7	0.0	0.0	0.0	
		0	0	0	60	0.0	0.0	2.6	18.4	0.0	0.0	0.0	
		30			5	0.0	0.0	2.9	17.8	0.0	0.0	0.0	Long
		60			30	0.0	0.0	3.7	17.5	0.0	0.0	0.0	
		90			60	0.0	0.0	3.8	17.4	0.0	0.0	0.0	
		120			60	0.0	0.0	3.6	17.6	0.0	0.0		
		150			120	0.0	0.0	3.6	17.4	0.0	0.0		
		180			180	0.0	0.0	3.6	17.5	0.0	0.0		
		210			240	0.0	0.0	3.6	17.5	0.0	0.0		
		240			300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	3.6	20.3	0.0	0.0	0.0	Short
		600			30	0.0	0.0	3.6	15.6	0.0	0.0	0.0	
					60	0.0	0.0	3.6	16.5	0.0	0.0	0.0	
					5	0.0	0.0	0.8	20.2	0.0	0.0	0.0	Long
					30	0.0	0.0	3.9	17.2	0.0	0.0	0.0	
					60	0.0	0.0	4.0	17.0	0.0	0.0	0.0	

KEY
aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument.
dP: Differential Pressure OR: Out of Range

JOB DETAILS			
Location:	GI at Colt Data Centre		Engineer: FS + EP
Date:	01/12/2021	Job Number: 21/3600	Time: 12:24

METEOROLOGICAL AND SITE INFORMATION								
State of ground:	☒ Dry	☐ Moist	☐ Wet	Delete As Required Ground Level				
Wind:	☐ Calm	☐ Light	☒ Moderate					☐ Strong
Cloud cover:	☐ None	☐ Slight	☒ Cloudy					☐ Overcast
Precipitation	☒ None	☐ Slight	☐ Moderate					☐ Heavy
Barometric pressure (mb) Before:	991	dP (Pa) initial:	0	aP (mb) After:	990	Temperature (°C)	8	

INSTRUMENTATION USED		Tick if gas sample taken:
Gas concentration:	#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%; #2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;	☐ ☒
		Tick Instrument used

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
WS204	Dry	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	0.0	18.5	0.0	0.0	0.1	Short
					30	0.0	0.0	0.1	20.4	0.0	0.0	0.0	
		0	0	0	60	0.0	0.0	0.1	20.3	0.0	0.0	0.0	
		30			5	0.0	0.0	0.1	19.8	0.0	0.0	0.1	Long
		60			30	0.0	0.0	0.2	20.3	0.0	0.0	0.0	
		90			60	0.0	0.0	0.2	20.3	0.0	0.0	0.0	
		120			60	0.0	0.0	0.1	20.3	0.0	0.0		
		150			120	0.0	0.0	0.1	20.2	0.0	0.0		
		180			180	0.0	0.0	0.1	20.2	0.0	0.0		
		210			240								
		240			300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	0.1	20.4	0.0	0.0	0.0	Short
		600			30	0.0	0.0	0.1	20.5	0.0	0.0	0.0	
					60	0.0	0.0	0.1	20.4	0.0	0.0	0.0	
					5	0.0	0.0	0.1	20.3	0.0	0.0	0.0	Long
					30	0.0	0.0	0.1	20.3	0.0	0.0	0.0	
					60	0.0	0.0	0.1	20.2	0.0	0.0	0.0	

KEY
 aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument.
 dP: Differential Pressure OR: Out of Range

JOB DETAILS			
Location:	GI at Colt Data Centre		Engineer: FS + EP
Date:	01/12/2021	Job Number: 21/3600	Time: 11:37

METEOROLOGICAL AND SITE INFORMATION									
State of ground:	☒ Dry	☐ Moist	☐ Wet	Delete As Required					
Wind:	☐ Calm	☐ Light	☒ Moderate					☐ Strong	Ground Level
Cloud cover:	☐ None	☒ Slight	☐ Cloudy					☐ Overcast	
Precipitation	☒ None	☐ Slight	☐ Moderate					☐ Heavy	
Barometric pressure (mb) Before:	991	dP (Pa) initial:	0	aP (mb) After:	991	Temperature (°C)	8		

INSTRUMENTATION USED		Tick if gas sample taken:	
Gas concentration:	#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%; #2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;	☐	Tick Instrument used

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
WS206	Dry	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	0.7	9.0	0.0	0.0	0.2	Short
					30	0.0	0.0	0.5	19.2	0.0	0.0	0.1	
		0	2	0.4	60	0.0	0.0	0.5	19.6	0.0	0.0	0.1	
		30	0	0	5	0.0	0.0	0.5	19.4	0.0	0.0	0.1	Long
		60	0	0	30	0.0	0.0	0.5	19.9	0.0	0.0	0.1	
		90	0	0	60	0.0	0.0	0.5	19.9	0.0	0.0	0.1	
		120			60	0.0	0.0	0.5	20.0	0.0	0.0	Circulation	
		150			120	0.0	0.0	0.5	20.0	0.0	0.0		
		180			180	0.0	0.0	0.5	20.0	0.0	0.0		
		210			240								
		240			300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	0.5	19.7	0.0	0.0	0.0	Short
		600			30	0.0	0.0	0.5	20.3	0.0	0.0	0.0	
					60	0.0	0.0	0.5	20.1	0.0	0.0	0.0	
					5	0.0	0.0	0.5	19.7	0.0	0.0	0.0	Long
					30	0.0	0.0	0.5	20.0	0.0	0.0	0.0	
					60	0.0	0.0	0.5	20.0	0.0	0.0	0.0	

KEY
aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument.
dP: Differential Pressure OR: Out of Range

JOB DETAILS			
Location:	GI at Colt Data Centre		Engineer: FS + EP
Date:	01/12/2021	Job Number: 21/3600	Time: 10:33

METEOROLOGICAL AND SITE INFORMATION							
State of ground:	☒ Dry	☐ Moist	☐ Wet	Delete As Required			
Wind:	☐ Calm	☒ Light	☐ Moderate	☐ Strong	Ground Level		
Cloud cover:	☐ None	☒ Slight	☐ Cloudy	☐ Overcast			
Precipitation	☒ None	☐ Slight	☐ Moderate	☐ Heavy			
Barometric pressure (mb) Before:	992	dP (Pa) initial:	0	aP (mb) After:	991	Temperature (°C)	8

INSTRUMENTATION USED		Tick if gas sample taken:	
Gas concentration:	#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%; #2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;	☐	Tick Instrument used
		☒	

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
WS207C	Dry	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	0.0	19.9	0.0	0.0	0.0	Short
					30	0.0	0.0	0.1	20.4	0.0	0.0	0.0	
		0	0	0	60	0.0	0.0	0.1	20.4	0.0	0.0	0.0	
		30			5	0.0	0.0	0.1	19.8	0.0	0.0	0.2	Long
		60			30	0.0	0.0	0.1	20.4	0.0	0.0	0.0	
		90			60	0.0	0.0	0.1	20.3	0.0	0.0	0.0	
		120			60	0.0	0.0	0.1	20.4	0.0	0.0		
		150			120	0.0	0.0	0.1	20.3	0.0	0.0		
		180			180	0.0	0.0	0.1	20.3	0.0	0.0		
		210			240								
		240			300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	0.1	20.1	0.0	0.0	0.0	Short
		600			30	0.0	0.0	0.1	20.5	0.0	0.0	0.0	
					60	0.0	0.0	0.1	20.4	0.0	0.0	0.0	
					5	0.0	0.0	0.1	19.6	0.0	0.0	0.0	Long
					30	0.0	0.0	0.1	20.0	0.0	0.0	0.0	
					60	0.0	0.0	0.1	20.3	0.0	0.0	0.0	

KEY
aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument.
dP: Differential Pressure OR: Out of Range

JOB DETAILS			
Location:	GI at Colt Data Centre		Engineer: FS + EP
Date:	01/12/2021	Job Number: 21/3600	Time: 10:56

METEOROLOGICAL AND SITE INFORMATION							
State of ground:	☒ Dry	☐ Moist	☐ Wet	Delete As Required			
Wind:	☒ Calm	☐ Light	☐ Moderate	☐ Strong	Ground Level		
Cloud cover:	☒ None	☐ Slight	☐ Cloudy	☐ Overcast			
Precipitation	☒ None	☐ Slight	☐ Moderate	☐ Heavy			
Barometric pressure (mb) Before:	991	dP (Pa) initial:	0	aP (mb) After:	990	Temperature (°C)	10

INSTRUMENTATION USED		Tick if gas sample taken:	
Gas concentration:	#1 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%; #2 Gas Data GFM 436, Accuracy: CH4 ±0.3% (0 to 5%), ±3.0% (at 30%), ±3.0% (at 100%); CO2 ±0.3% (0 to 5%), ±3.0% (at 40%); O2 ±0.2%;	☐	Tick Instrument used

BH (No.)	Depth to GW (m)	Flow Measurements			Time (s)	CH ₄ (%)	LEL (%)	CO ₂ (%)	O ₂ (%)	H ₂ S (ppm)	CO (ppm)	PID (ppm)	Comments
WS214	Dry	Time (s)	dP (Pa)	Flow (l/h)	5	0.0	0.0	0.0	20.2	0.0	0.0	0.1	Short
					30	0.0	0.0	0.7	4.0	0.0	0.0	0.2	
		0	0	0	60	0.0	0.0	0.7	3.6	0.0	0.0	0.2	
		30			5	0.0	0.0	0.7	4.6	0.0	0.0	0.4	Long
		60			30	0.0	0.0	0.8	2.6	0.0	0.0	0.2	
		90			60	0.0	0.0	0.8	2.7	0.0	0.0	0.2	
		120			60	0.0	0.0	0.7	3.2	0.0	0.0	Circulation	
		150			120	0.0	0.0	0.7	3.1	0.0	0.0		
		180			180	0.0	0.0	0.7	3.1	0.0	0.0		
		210			240								
		240			300								
		270			360								
		300			420								
		360			480								
		420			540								
		480			600								
		540			5	0.0	0.0	0.7	4.3	0.0	0.0	0.1	Short
		600			30	0.0	0.0	0.7	3.2	0.0	0.0	0.1	
					60	0.0	0.0	0.7	3.1	0.0	0.0	0.1	
					5	0.0	0.0	0.7	3.1	0.0	0.0	0.2	Long
					30	0.0	0.0	0.8	2.7	0.0	0.0	0.1	
					60	0.0	0.0	0.8	2.7	0.0	0.0	0.1	

KEY
aP: Atmospheric Pressure NR: Not Recorded Note: Where 0.0 is shown on the results indicates value lower than the detection limit of the instrument.
dP: Differential Pressure OR: Out of Range

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 18/11/2021**Technician:** PM + EP**Sampling method:** N/A

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)	No sample - borehole dry			
	BH101 (Shallow)		1.10		DRY				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)



GROUNDWATER - IN SITU ANALYSIS & SAMPLING

Site: GI at Colt Data Centre

Job No.: 21/3600

Date: 18/11/2021

Technician: PM + EP

Sampling method: Peristaltic

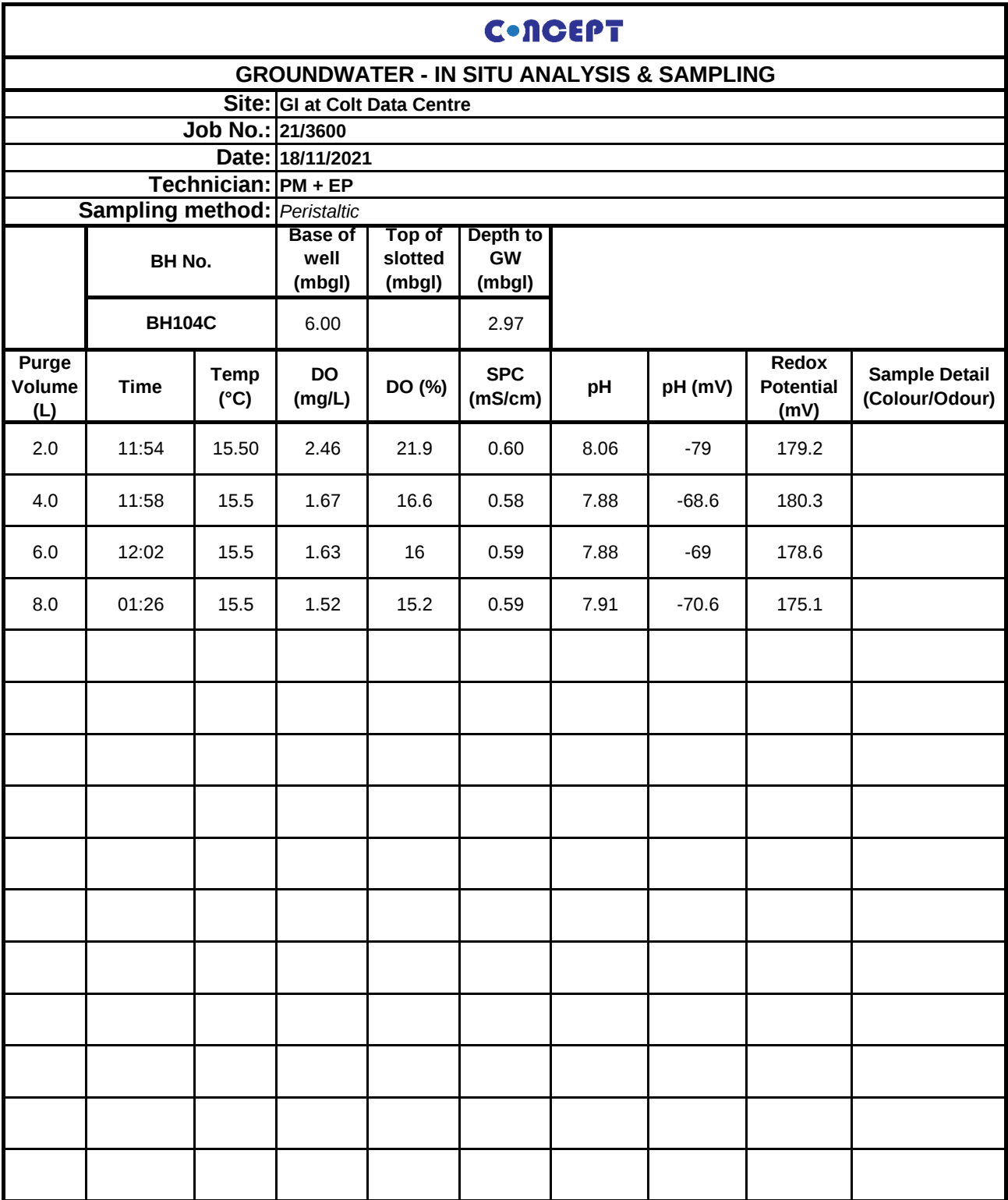
	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	BH101 (Deep)		18.00		3.40				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	13:20	14.2	1.83	15.8	1.58	12.02	-299	-36.6	
4.0	13:24	14.2	1.00	10.4	1.57	12.02	-297.7	-36.3	
6.0	13:28	14.2	0.80	7.5	1.59	12.03	-298.0	-35.5	
8.0	13:32	14.2	1.72	7.5	1.56	12.02	-297.7	-35.4	
10.0	13:36	14.2	0.74	7.4	1.58	12.02	-297.8	-35.5	

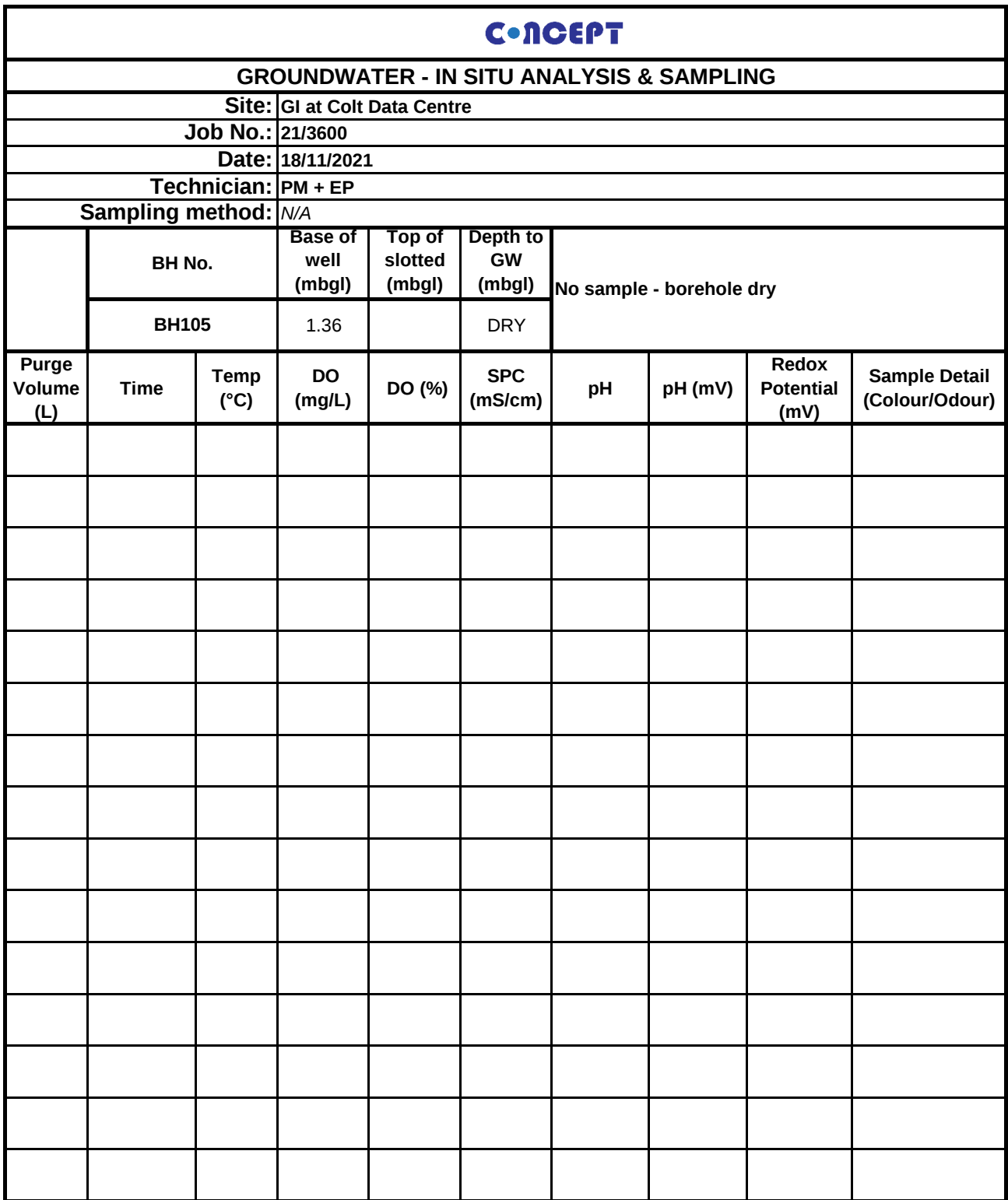
**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 18/11/2021**Technician:** PM + EP**Sampling method:** Peristaltic

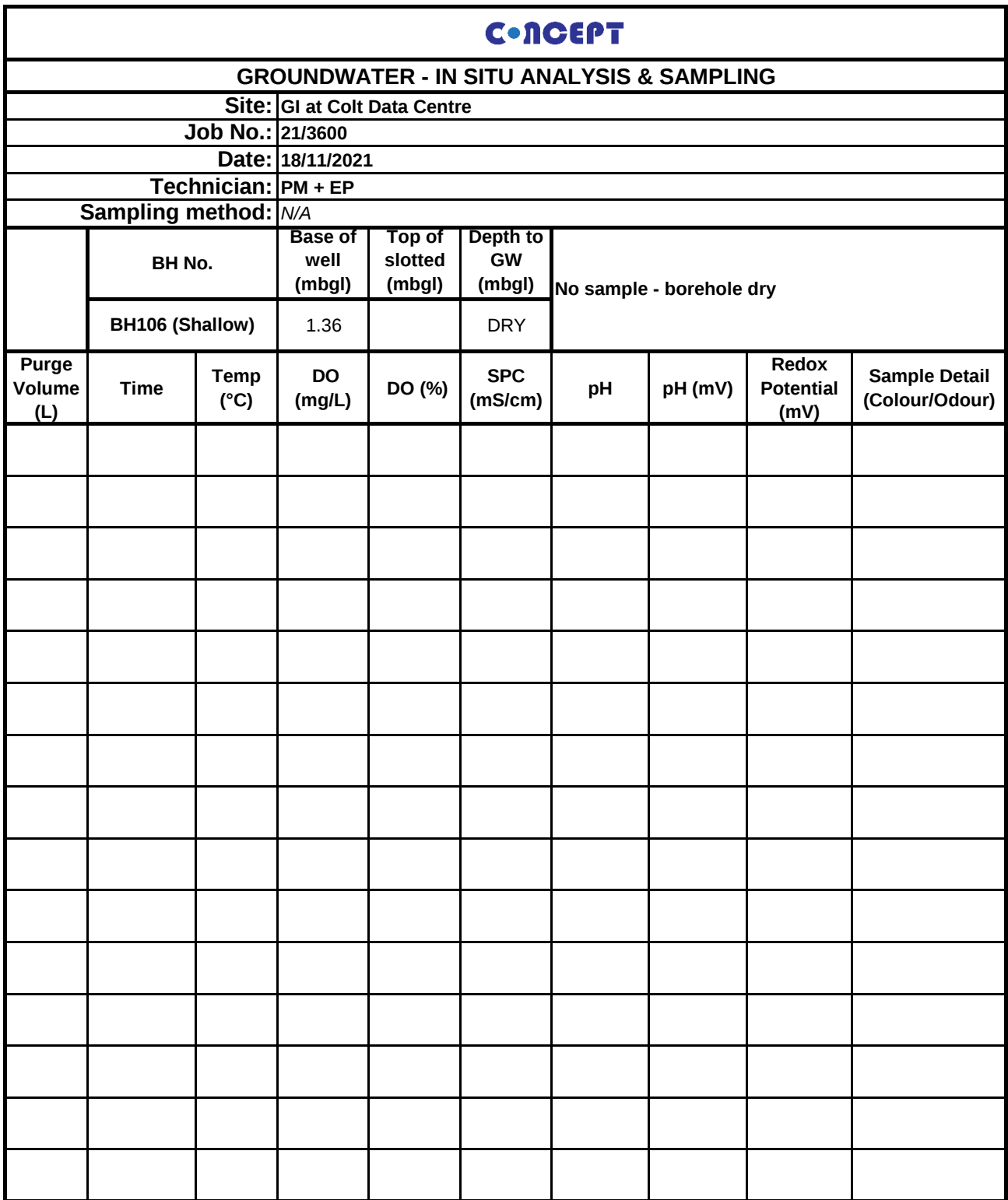
	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	BH102B (Shallow)		5.07		2.19				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	14:01	16.00	0.26	2.6	0.95	9.39	-139.8	-283.8	
4.0	14:05	16.1	0.24	2.5	0.94	9.48	-149.9	-285.6	
6.0	14:09	16.1	0.24	2.4	0.92	9.62	-151.6	-284.4	

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 18/11/2021**Technician:** PM + EP**Sampling method:** Peristaltic

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	BH103A		11.70		3.32				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	11:47	13.50	2.44	23.5	1.08	6.61	-7.1	44.5	
4.0	11:51	13.5	2.32	22.6	1.08	6.61	-7.3	45.2	
6.0	11:55	13.6	0.97	9.5	1.07	6.62	-7.9	54.2	
8.0	11:59	13.6	0.94	9.1	1.07	6.63	-7.9	54.9	
10.0	12:03	13.6	0.92	8.8	1.07	6.63	-8	55.1	









GROUNDWATER - IN SITU ANALYSIS & SAMPLING

Site: GI at Colt Data Centre

Job No.: 21/3600

Date: 18/11/2021

Technician: PM + EP

Sampling method: Peristaltic

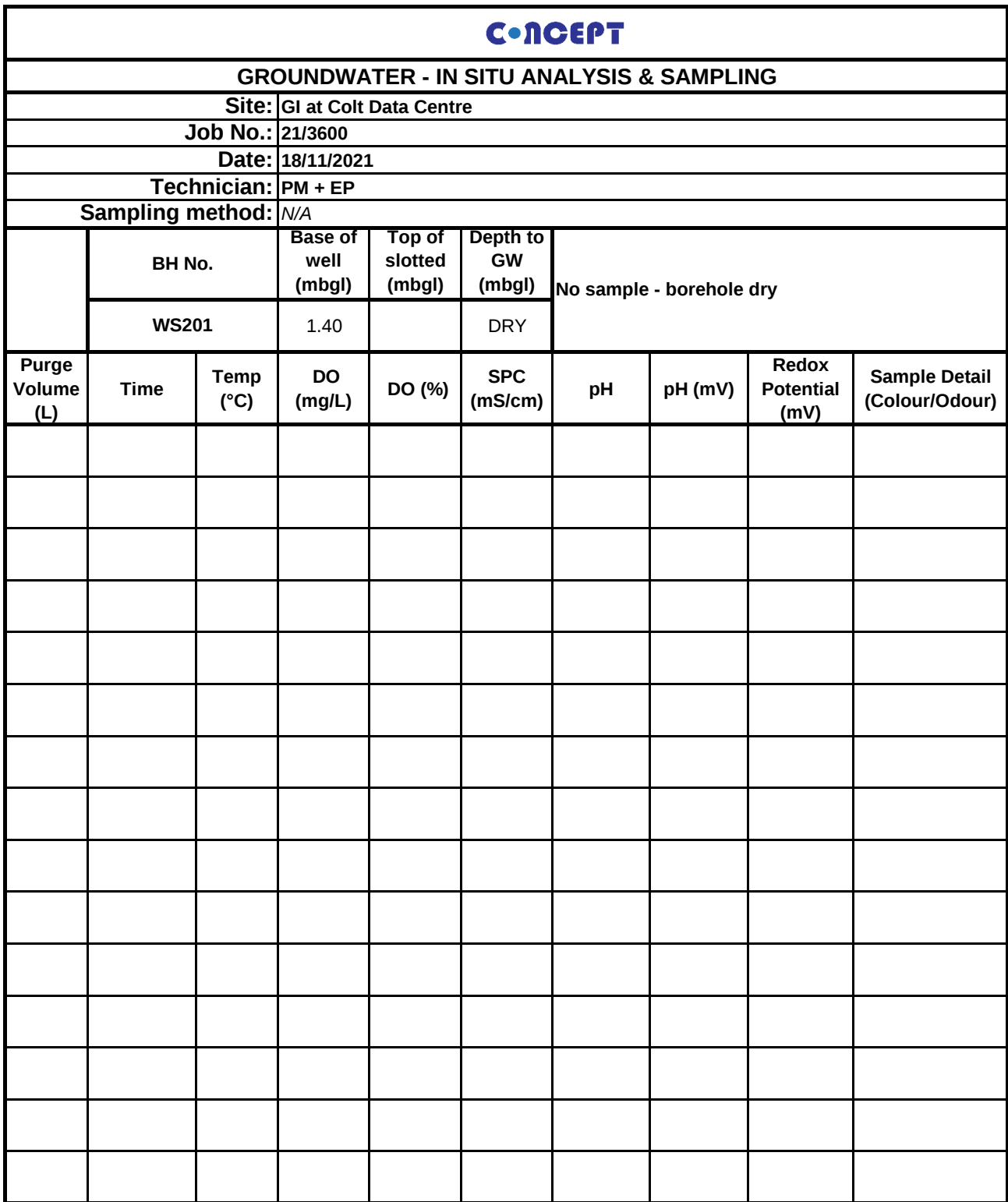
	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	BH106 (Deep)		6.70		3.17				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	14:08	15.70	1.83	21.1	0.68	7.64	-55.2	177.0	
4.0	14:12	15.7	1.8	18.1	0.68	7.43	-43.9	174.4	
6.0	14:16	15.7	1.69	18.6	0.68	7.27	-41.8	172.6	

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 18/11/2021**Technician:** PM + EP**Sampling method:** Peristaltic

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	BH108 (Shallow)								
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 18/11/2021**Technician:** PM + EP**Sampling method:** Peristaltic

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	BH108 (Shallow)		9.00		3.38				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	10:33	13.90	0.61	5.8	0.71	7.25	-41.9	127.7	Clear
4.0	10:37	13.9	0.51	5	0.71	7.26	-42.3	126.4	Clear
6.0	10:41	13.9	0.49	4.7	0.71	7.26	-42.5	126.0	Clear



**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 18/11/2021**Technician:** PM + EP**Sampling method:** N/A

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)	No sample - borehole dry			
	WS204		1.20		DRY				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 18/11/2021**Technician:** PM + EP**Sampling method:** Peristaltic

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	WS205A		3.00		2.53				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
1.0	12:45	13.50	7.76	707	0.71	7.17	-32.8	-4.3	
2.0	12:49	13.4	9.35	806	0.81	7.23	-32.7	-12.3	
3.0	12:53	13.3	9.57	800	0.80	7.25	-36.8	-19.7	
4.0	12:57	13.3	9.65	786	0.79	7.35	-39.2	-29.8	

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 18/11/2021**Technician:** PM + EP**Sampling method:** N/A

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)	No sample - borehole dry			
	WS206		2.00		DRY				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 18/11/2021**Technician:** PM + EP**Sampling method:** N/A

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)	No sample - borehole dry			
	WS207C		1.70		DRY				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 18/11/2021**Technician:** PM + EP**Sampling method:** Peristaltic

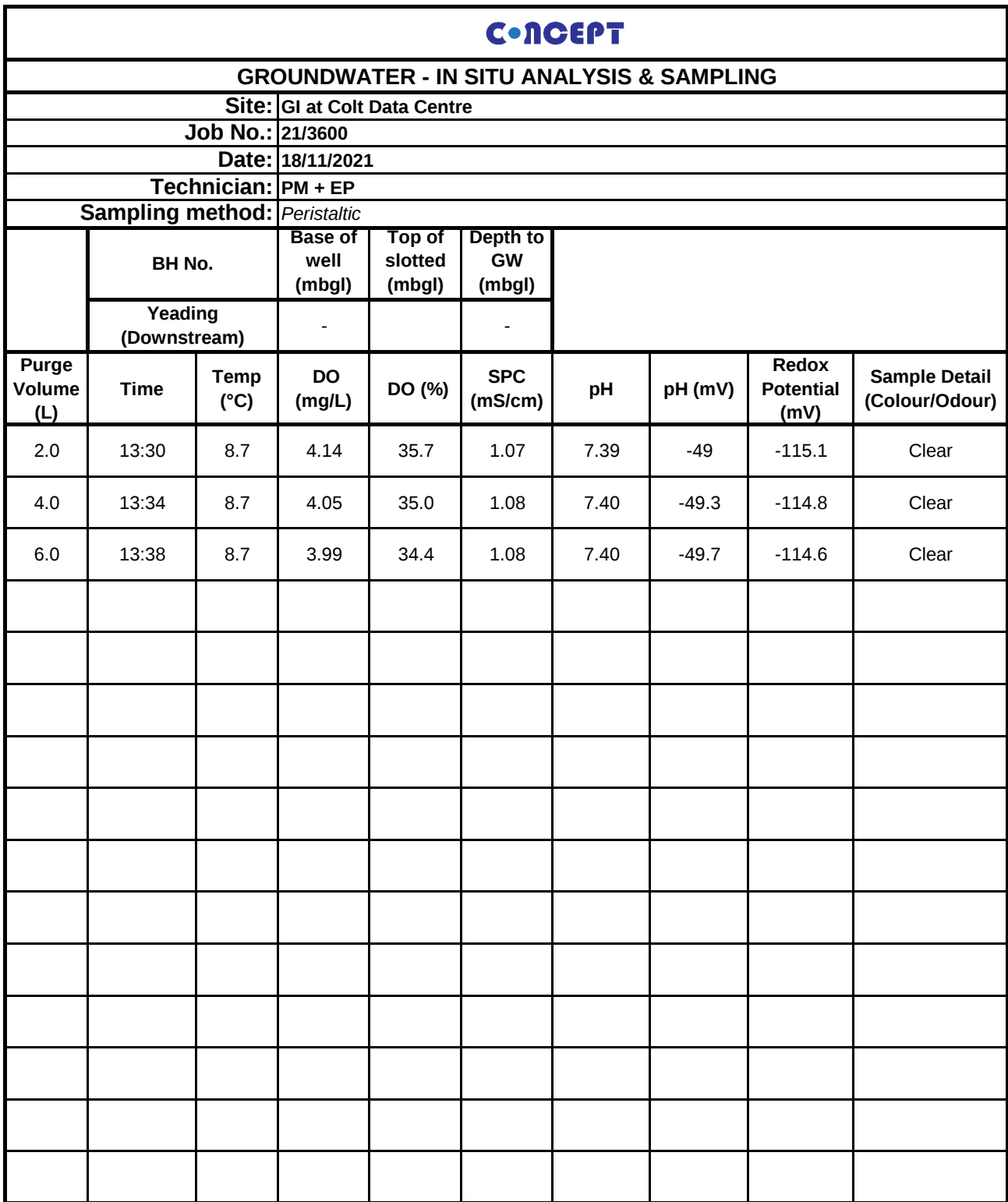
	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	WS209		3.55		3.24				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	10:02	13.90	6.47	63	0.61	7.07	-31.6	142.5	
4.0	10:06	13.9	6.31	61.1	0.61	7.05	-30.7	143.0	
6.0	10:10	13.9	6.18	59.6	0.59	7.03	-29.6	143.5	

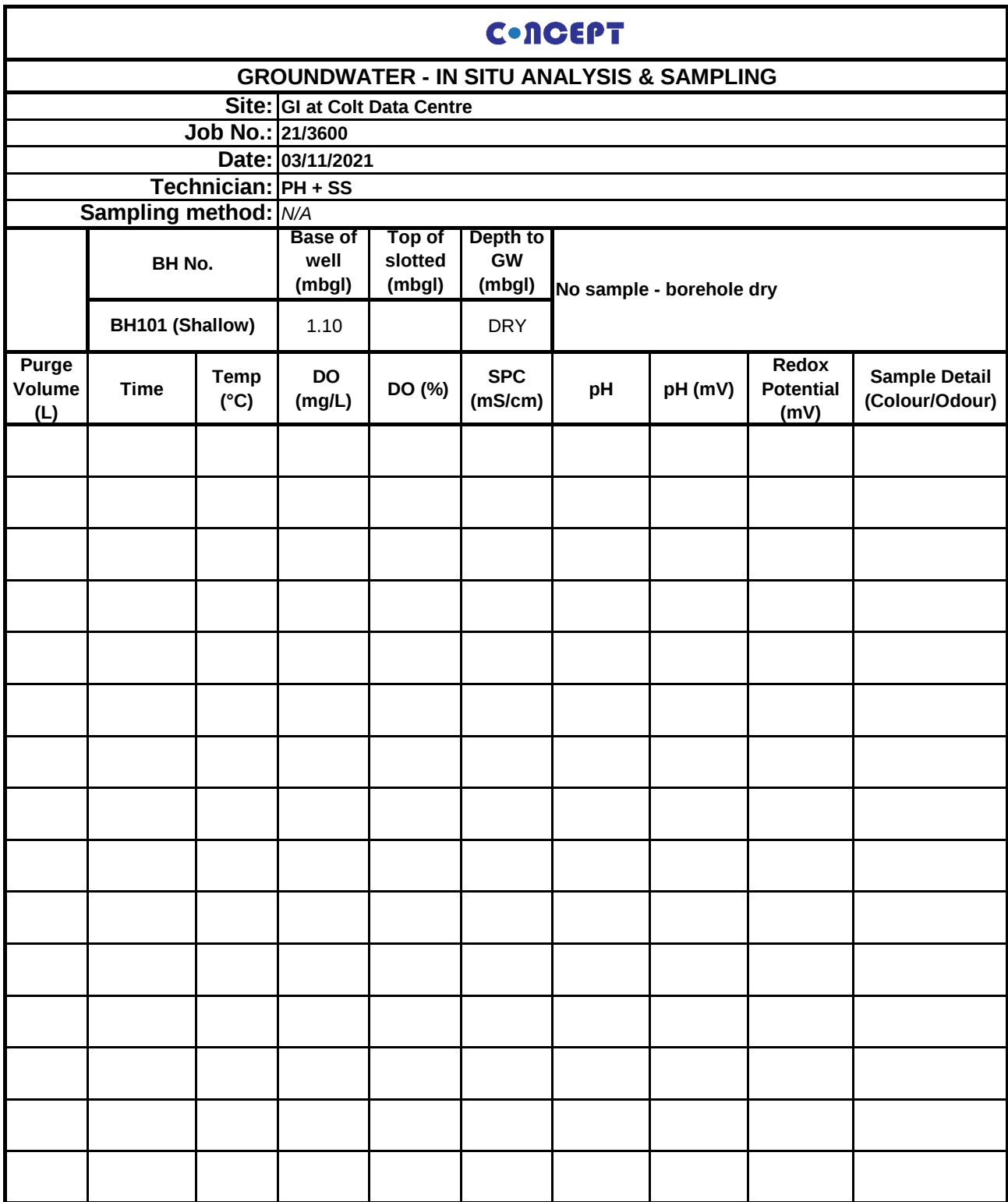
**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 18/11/2021**Technician:** PM + EP**Sampling method:** Peristaltic

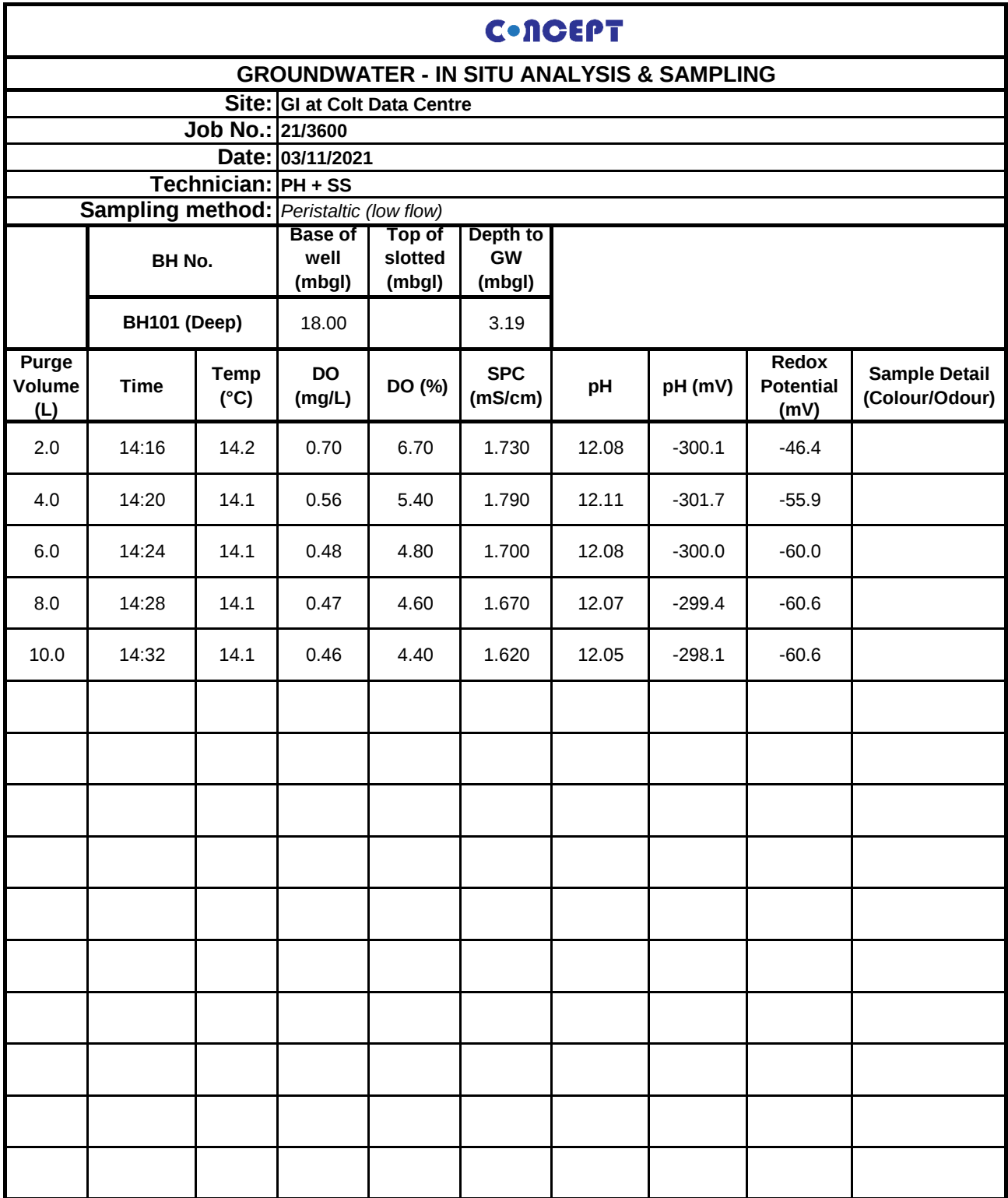
	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	WS213		4.00		2.73				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	12:30	14.90	0.59	5.9	0.48	7.01	-28.6	-20.9	Clear
4.0	12:34	14.9	0.56	5.6	0.48	7.00	-28.2	-22.2	Clear
6.0	12:38	14.9	0.54	5.2	0.48	6.99	-27.7	-23.2	Clear

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 18/11/2021**Technician:** PM + EP**Sampling method:** Peristaltic

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	Yeading (Upstream)								
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	14:16	8.40	3.54	30.4	1.01	7.56	-58	66.5	Clear
4.0	14:20	8.5	3.5	30	1.01	7.56	-58	64.9	Clear
6.0	14:24	8.4	3.49	29.9	1.01	7.56	-58.1	63.6	Clear







**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 02/11/2021**Technician:** FS + DS**Sampling method:** Peristaltic (low flow)

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	BH102B (Shallow)		5.07		2.15				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	11:58	15.7	0.49	4.90	0.690	8.51	-131.1	70.0	Clear
4.0	12:02	15.7	0.48	4.80	0.690	8.49	-130.0	67.0	Clear
6.0	12:04	15.6	0.47	4.70	0.690	8.48	-129.7	66.1	Clear



GROUNDWATER - IN SITU ANALYSIS & SAMPLING

Site: GI at Colt Data Centre

Job No.: 21/3600

Date: 02/11/2021

Technician: FS + DS

Sampling method: Peristaltic (low flow)

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	BH102B (Deep)		22.50		1.94				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	11:38	16.4	1.00	10.30	1.080	9.16	-167.8	60.0	Clear
4.0	11:42	16.4	0.68	7.00	1.010	9.18	-169.0	19.6	Clear
6.0	11:46	16.4	0.51	5.20	0.910	9.41	-181.4	8.8	Clear
8.0	11:50	16.4	0.45	4.60	0.900	9.62	-193.1	11.4	Clear
10.0	11:54	16.4	0.44	4.50	0.900	9.61	-193.2	11.9	Clear



GROUNDWATER - IN SITU ANALYSIS & SAMPLING

Site: GI at Colt Data Centre

Job No.: 21/3600

Date: 02/11/2021

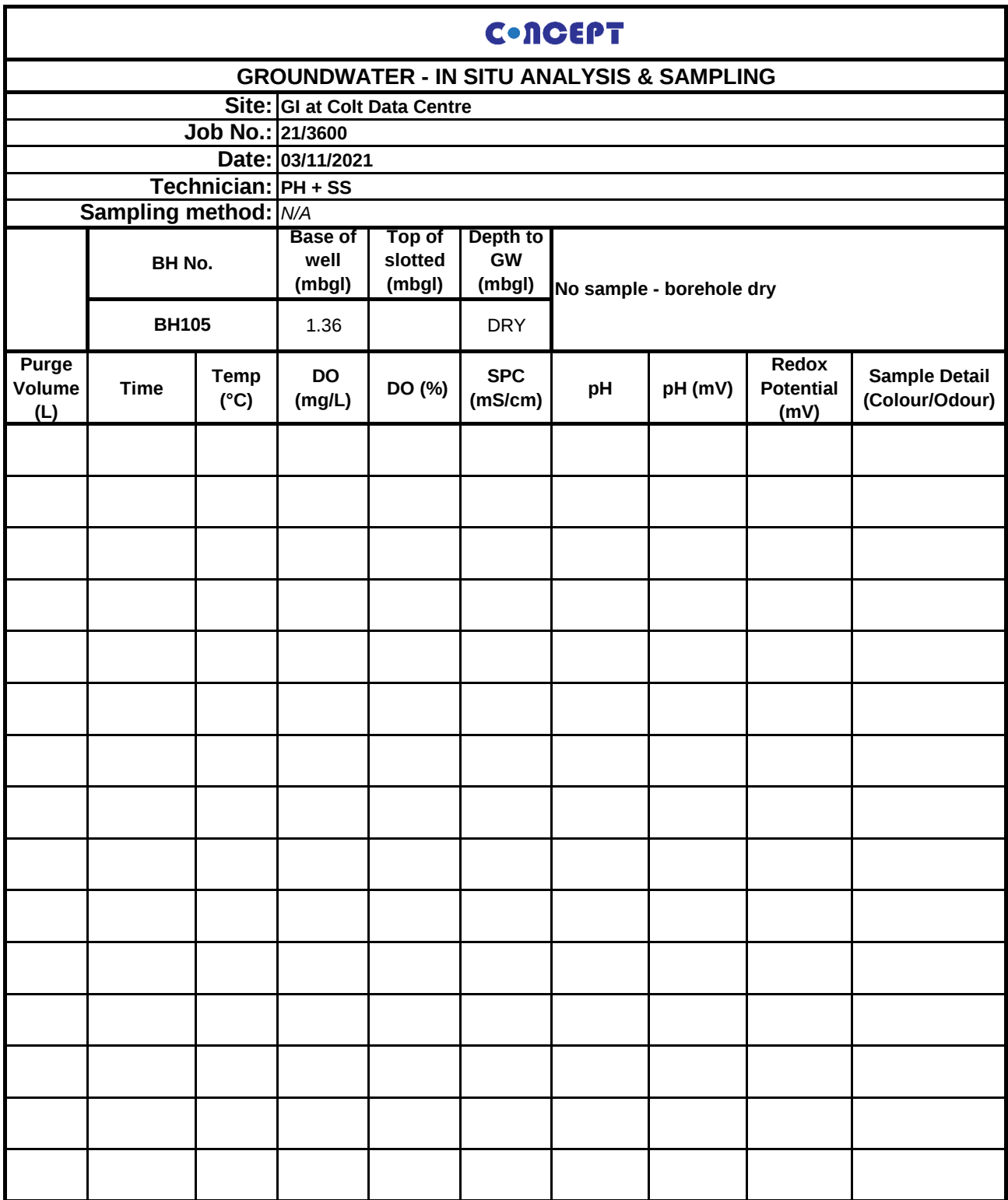
Technician: FS + DS

Sampling method: Peristaltic (low flow)

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	BH103A		11.70		3.19				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	14:49	13.4	0.92	9.3	1.060	8.56	-131.0	88.9	Cloudy
4.0	14:53	13.4	1.37	12.5	1.030	7.34	-66.3	7.0	Clear
6.0	14:57	13.5	1.15	11.6	1.030	6.99	-47.4	-3.1	Clear
8.0	15:01	13.6	1.07	10.9	1.030	6.92	-43.6	-3.2	Clear
10.0	15:05	13.6	0.95	9.4	1.030	6.90	-42.8	-1.9	Clear
12.0	15:09	13.6	0.93	9.2	1.030	6.89	-42.4	-1.8	Clear
14.0	15:13	13.6	0.89	9.1	1.02	6.91	-43.4	-1.4	Clear

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 03/11/2021**Technician:** PH + SS**Sampling method:** Peristaltic (low flow)

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	BH104C		6.00		2.61				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
1.0	10:55	15.8	2.04	20.90	0.544	7.32	-36.0	124.0	
2.0	10:59	15.8	1.60	16.00	0.545	7.24	-31.8	131.3	
3.0	11:03	15.7	1.47	14.80	0.547	7.21	-30.5	128.4	
4.0	11:07	15.7	1.49	14.80	0.553	7.23	-31.7	125.4	
5.0	11:11	15.8	1.50	15.70	0.599	7.74	-60.4	104.8	

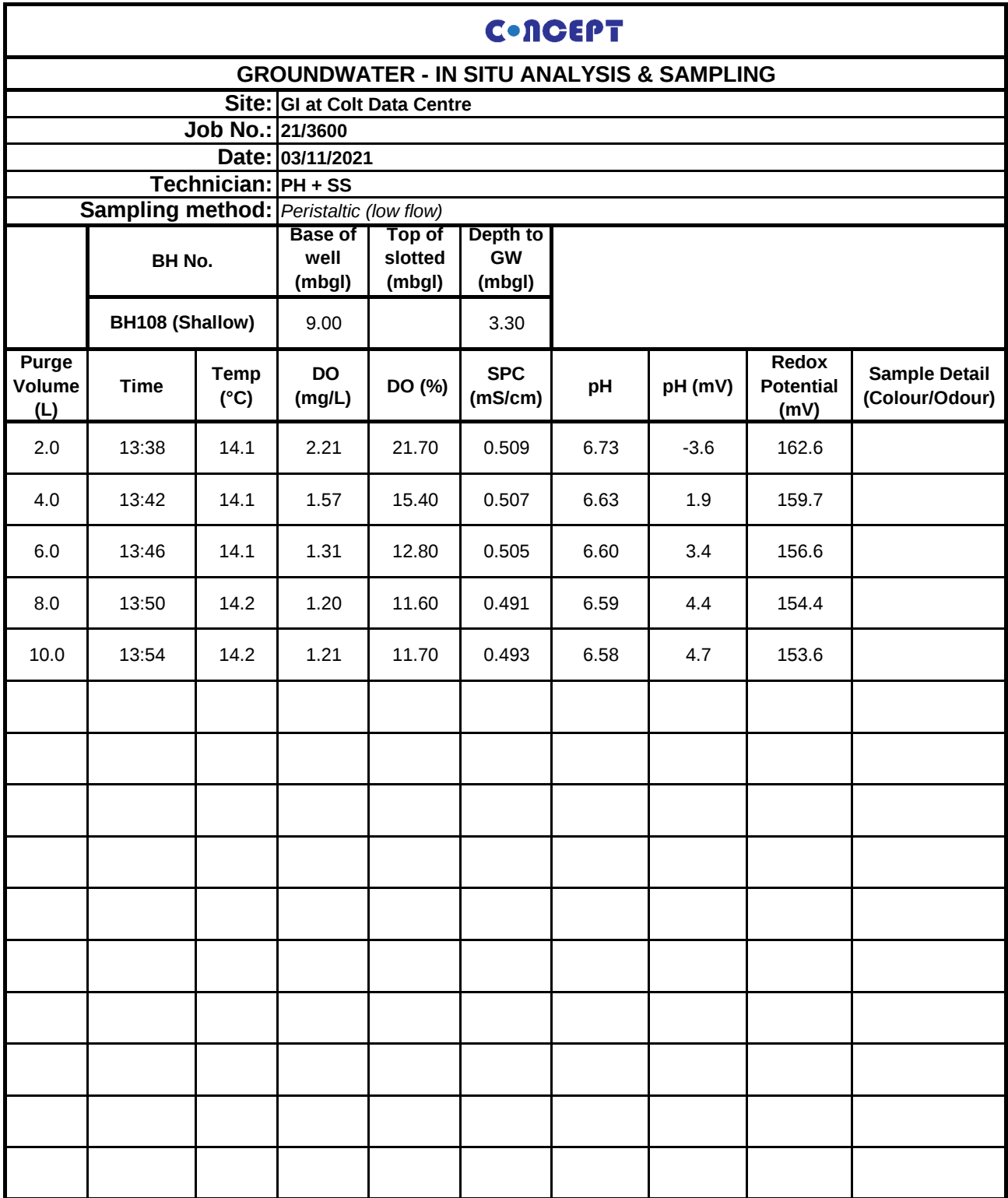


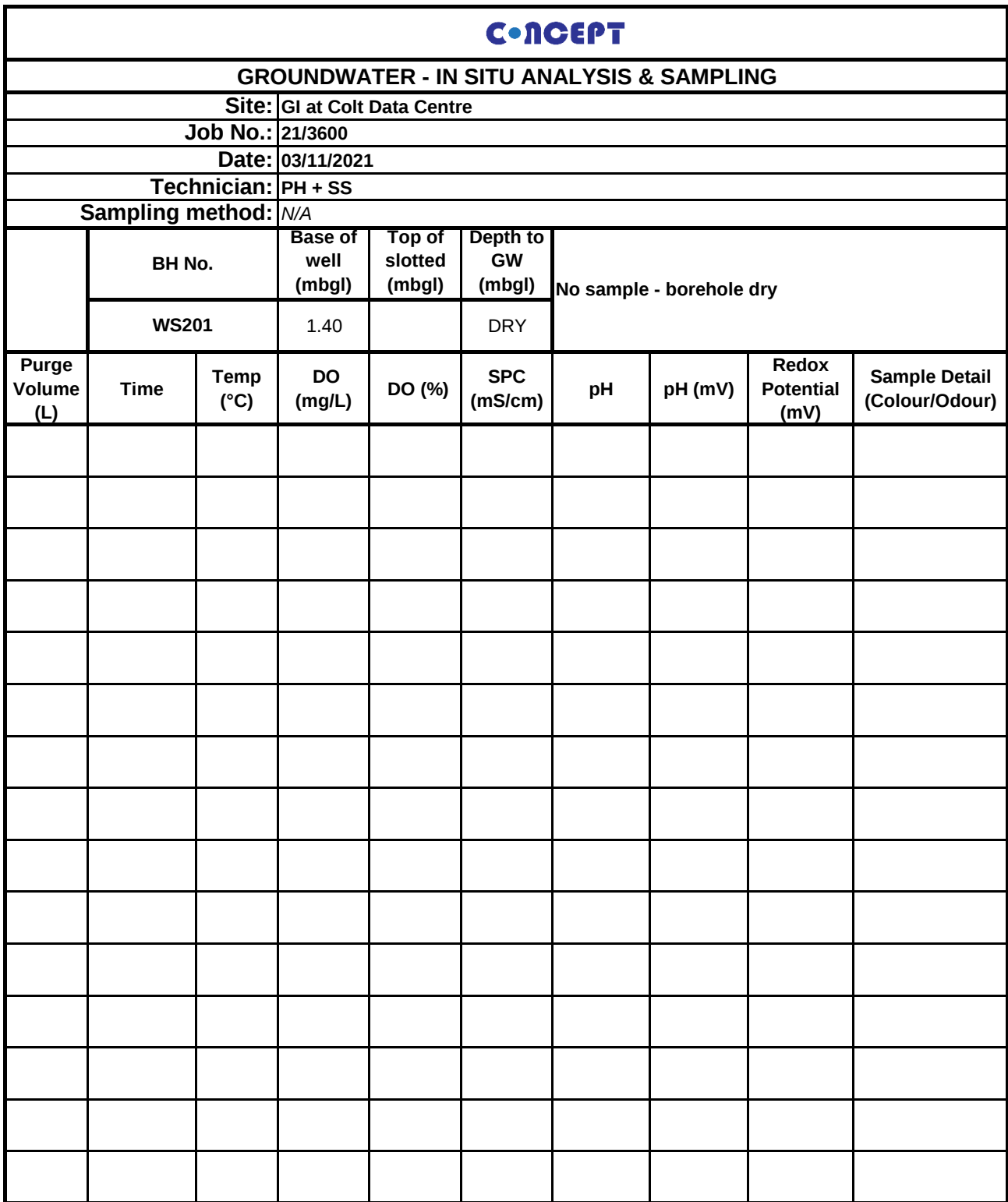
**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 03/11/2021**Technician:** PH + SS**Sampling method:** N/A

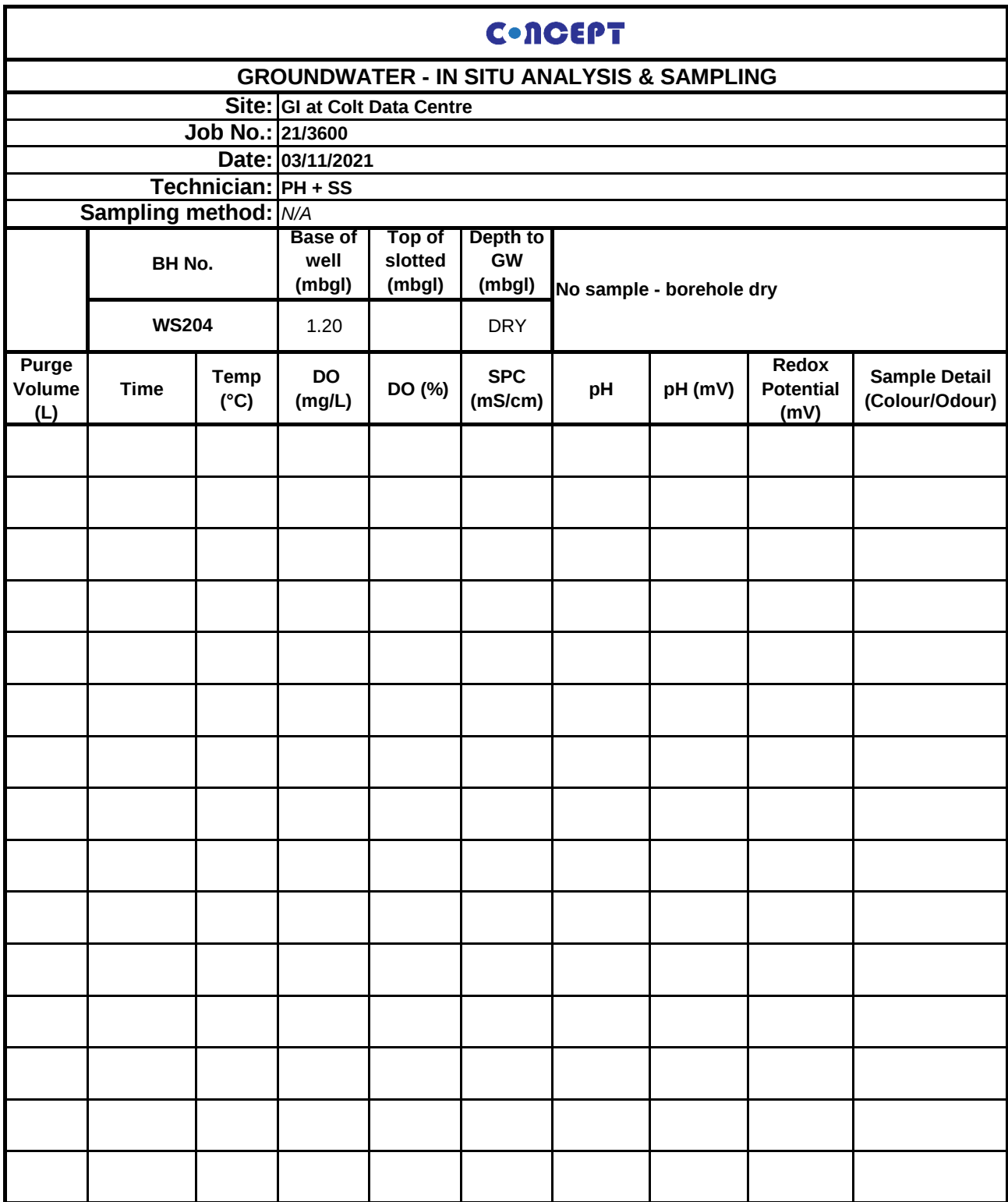
	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)	No sample - borehole dry			
	BH106 (Shallow)		1.70		DRY				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)

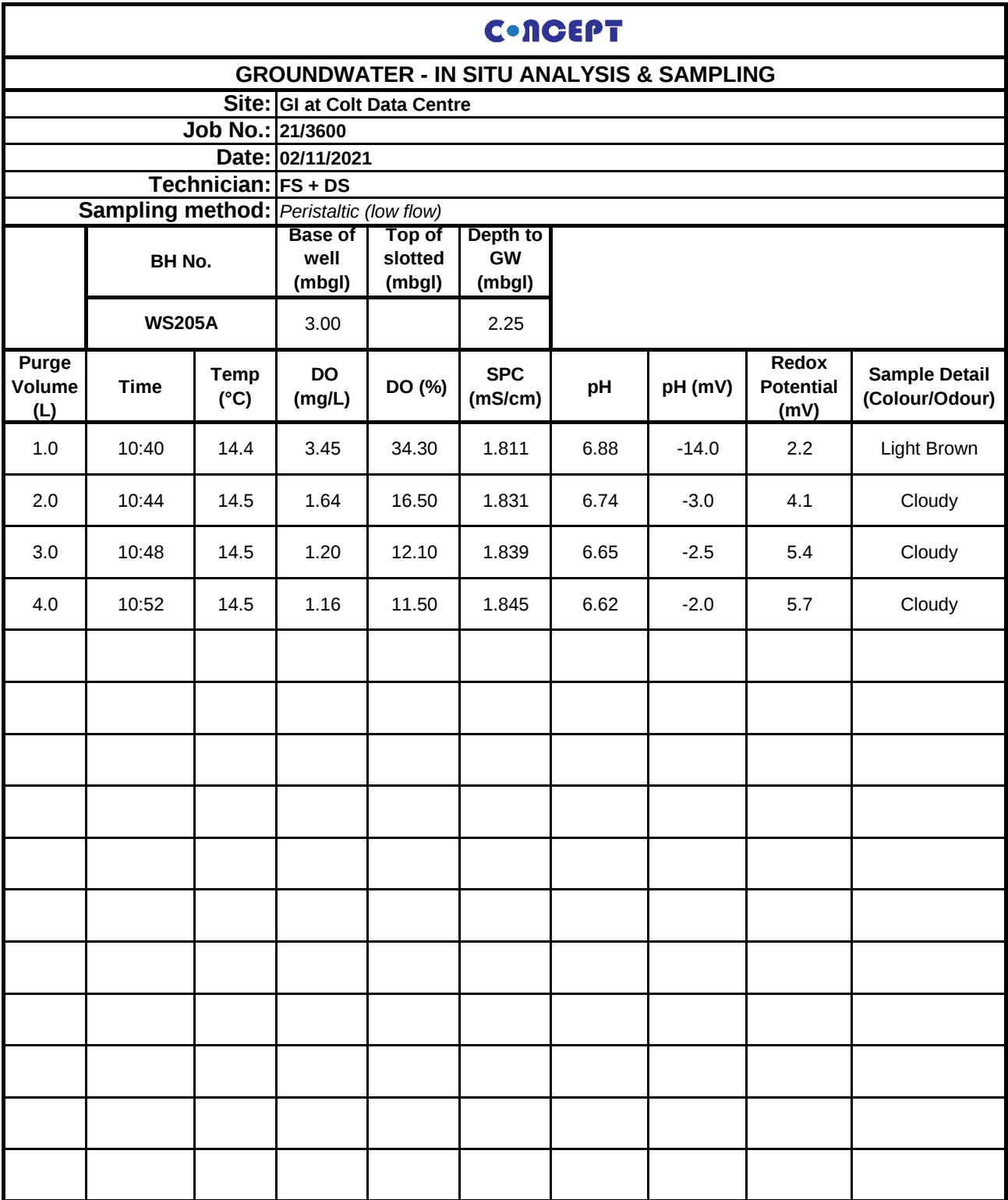
**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 03/11/2021**Technician:** PH + SS**Sampling method:** Peristaltic (low flow)

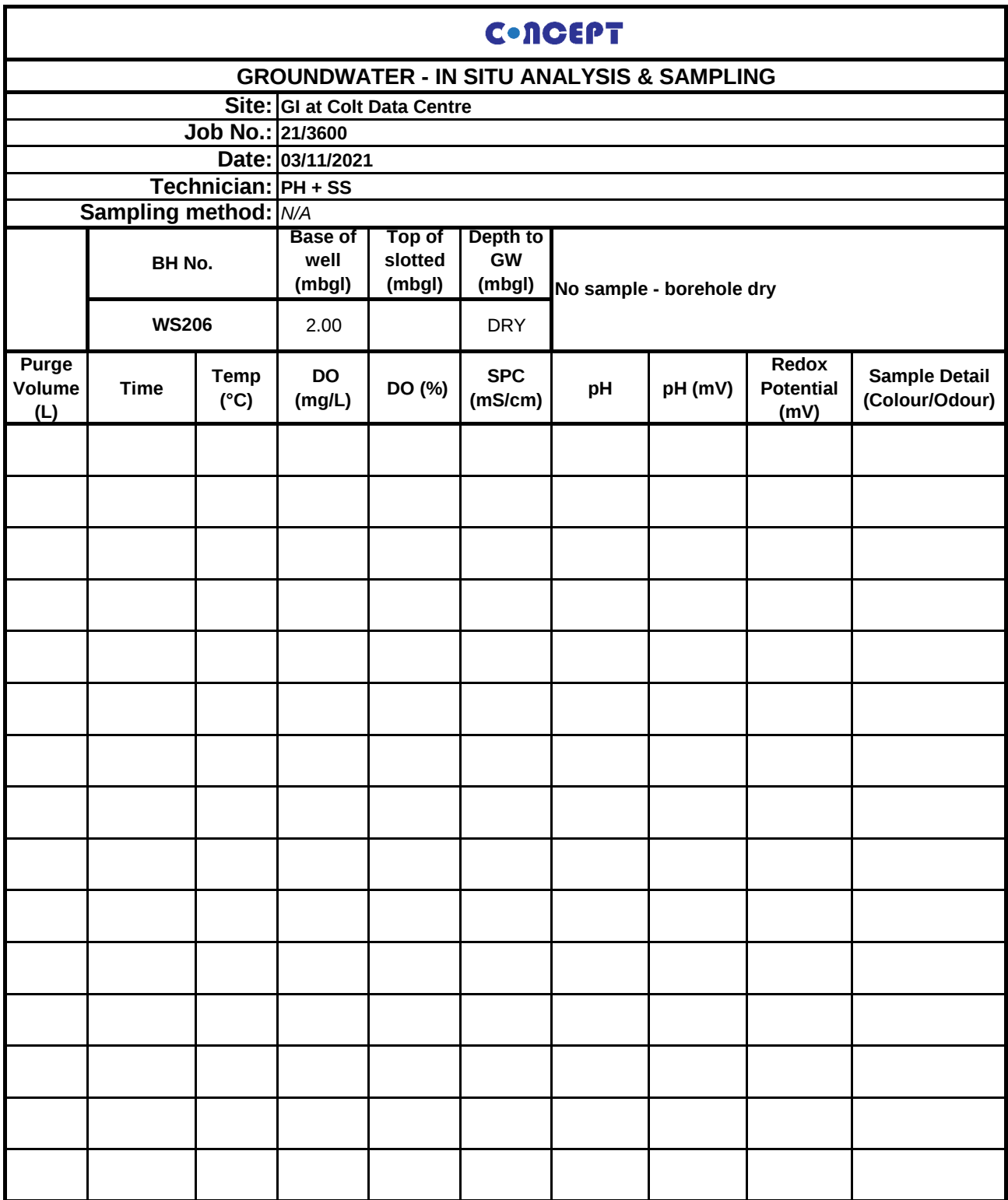
	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	BH106 (Deep)		6.70		3.23				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	12:06	15.8	1.48	15.10	0.650	6.88	-12.0	180.5	
4.0	12:10	15.8	0.89	9.00	0.640	6.83	-9.3	172.7	
6.0	12:14	15.8	0.78	7.80	0.650	6.86	-10.5	199.4	
8.0	12:18	15.8	0.76	7.60	0.650	6.87	-11.1	162.2	
10.0	12:22	15.8	0.72	7.30	0.650	6.85	-10.5	161.3	











**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 03/11/2021**Technician:** PH + SS**Sampling method:** N/A

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)	No sample - borehole dry			
	WS207C		1.70		DRY				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 03/11/2021**Technician:** PH + SS**Sampling method:** Peristaltic (low flow)

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	WS209		3.55		3.21				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
1.0	11:33	14.6	8.40	85.20	0.458	7.32	-36.2	140.9	

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 03/11/2021**Technician:** PH + SS**Sampling method:** Peristaltic (low flow)

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	WS213		4.00		2.58				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
2.0	13:09	15.8	1.16	11.70	0.453	7.17	-57.5	119.2	Clear
4.0	13:13	15.8	0.75	7.30	0.456	7.04	-50.1	95.3	Clear
6.0	13:17	15.9	0.79	7.00	0.445	6.96	-45.3	66.6	Clear
8.0	13:21	15.9	0.75	7.70	0.437	6.91	-43.1	43.4	Clear

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 03/11/2021**Technician:** PH + SS**Sampling method:** Peristaltic (low flow)

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	Yeading (Upstream)		-		-				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
1.0	10:14	7.8	6.96	58.60	0.830	7.73	-57.8	121.4	
2.0	10:17	7.9	6.61	55.70	0.830	7.65	-53.6	118.2	
3.0	10:20	7.9	6.48	54.50	0.830	7.64	-53.2	112.6	

**GROUNDWATER - IN SITU ANALYSIS & SAMPLING****Site:** GI at Colt Data Centre**Job No.:** 21/3600**Date:** 03/11/2021**Technician:** PH + SS**Sampling method:** Peristaltic (low flow)

	BH No.		Base of well (mbgl)	Top of slotted (mbgl)	Depth to GW (mbgl)				
	Yeading (Downstream)		-		-				
Purge Volume (L)	Time	Temp (°C)	DO (mg/L)	DO (%)	SPC (mS/cm)	pH	pH (mV)	Redox Potential (mV)	Sample Detail (Colour/Odour)
1.0	09:33	8.0	8.94	74.80	0.830	7.76	-59.7	148.6	
2.0	09:36	8.0	7.60	64.50	0.830	7.69	-55.8	139.2	
3.0	09:39	8.0	7.22	61.20	0.830	7.67	-54.6	131.5	
4.0	09:42	8.0	6.99	59.10	0.830	7.65	-54.0	123.8	

GEOSSENSE QUALITY FORM	
FORM No G/QF/149	
ISS.	8
DATE :	Dec-18
SIG.	GC

STANDARD VW PIEZOMETER LAE CALIBRATION

Model	VWP-3000	Cal date	06/05/2020	SN.	8233
Serial	349390	Baro	968.0	Readout No.	2108
Works ID	G13 8 22	Temp °C	20	R/O Cal. date	03/06/2019

Applied pressure		Readings [digit]			Calculated Pressure		Error % fso	
psi	kPa	1st Cycle	2nd Cycle	avg.[digit]	lin.[kPa]	polyn.[kPa]	linear	polynomial
0.000	0.000	9480.8	9480.9	9480.9	0.73	0.06	0.11%	0.01%
20.015	138.000	8753.7	8753.7	8753.7	137.82	137.95	-0.03%	-0.01%
40.029	276.000	8024.3	8024.4	8024.4	275.33	275.87	-0.10%	-0.02%
60.044	414.000	7291.2	7291.4	7291.3	413.54	414.08	-0.07%	0.01%
80.058	552.000	6556.8	6557.1	6556.9	551.99	552.13	0.00%	0.02%
100.073	690.000	5821.7	5822.0	5821.8	690.58	689.91	0.08%	-0.01%

Calibration of Fluke Pressure Controller PPC4EX S/N: 8233 valid from 8th May 2019. Certificate of Calibration No 61189, Chamois
Metrology UKAS No 0822

CALIBRATION FACTORS

Linear factor (k)

kPa per digit
-0.188533794

psi per digit
-0.027344

mH ₂ O per digit
-0.019225

Polynomial factors

A
B
C

kPa
-3.76706E-07
-0.18276913

psi
-5.46346E-08
-0.026507

mH ₂ O
-3.8413E-08
-0.018637

Thermal factor (T)

kPa per °C
0.476371992

psi per °C
0.069089484

mH ₂ O per °C
0.048576

Note: Digits are Hz² x 10⁻³ units.

(please consult the User Manuals for conversion of alternative reading units)

Polynomial calculation [kPa] = A * (Reading)² + B * (Reading) + C + T * (Current Temp - Site Zero Temp)

C = -A*(Site Zero Reading²) - B*(Site Zero Reading)

Linear calc = k (kPa) * (Current Reading - Site Zero Reading) + T * (Current Temp - Site Zero Temp)

THIS CERTIFICATE IS VALID ONLY WHEN CARRYING THE
OFFICIAL ORIGINAL STAMP OF GEOSSENSE BELOW



Nova House, Rougham Industrial Estate, Rougham, Bury St Edmunds, Suffolk, IP30 9ND, England
t +44 (0)1359 270457 e sales@geosense.co.uk www.geosense.co.uk

GEOSENSE QUALITY FORM
FORM No G/QF/149
ISS. 8
DATE : Dec-18
SIG. GC

STANDARD VW PIEZOMETER LAE CALIBRATION

Model	VWP-3000	Cal date	25/09/2020	SN.	8233
Serial	349499	Baro	1002.0	Readout No.	2108
Works ID	G13 8 131	Temp °C	20	R/O Cal. date	03/06/2019

Applied pressure		Readings [digit]			Calculated Pressure		Error % fso	
psi	kPa	1st Cycle	2nd Cycle	avg.[digit]	lin.[kPa]	polyn.[kPa]	linear	polynomial
0.000	0.000	9471.6	9471.8	9471.7	1.42	-0.05	0.21%	-0.01%
20.015	138.000	8774.0	8774.2	8774.1	137.83	138.12	-0.02%	0.02%
40.029	276.000	8073.8	8073.8	8073.8	274.75	275.93	-0.18%	-0.01%
60.044	414.000	7367.9	7368.0	7367.9	412.78	413.98	-0.18%	0.00%
80.058	552.000	6657.4	6657.5	6657.5	551.70	552.02	-0.04%	0.00%
100.073	690.000	5942.3	5942.8	5942.6	691.48	690.00	0.21%	0.00%

Calibration of Fluke Pressure Controller PPC4EX S/N: 8233 valid from 30th June 2020. Certificate of Calibration No 74976, Chamois
Metrology UKAS No 0822

CALIBRATION FACTORS

Linear factor (k)

kPa per digit
-0.195531395

psi per digit
-0.028358

mH ₂ O per digit
-0.019939

Polynomial factors

A
B
C

kPa
-8.91545E-07
-0.181788527

psi
-1.29303E-07
-0.026365

mH ₂ O
-9.0912E-08
-0.018537

Thermal factor (T)

kPa per °C
0.434862738

psi per °C
0.063069288

mH ₂ O per °C
0.044344

Note: Digits are Hz² x 10⁻³ units.

(please consult the User Manuals for conversion of alternative reading units)

Polynomial calculation [kPa] = A * (Reading)² + B * (Reading) + C + T * (Current Temp - Site Zero Temp)

C = -A*(Site Zero Reading²) - B*(Site Zero Reading)

Linear calc = k (kPa) * (Current Reading - Site Zero Reading) + T * (Current Temp - Site Zero Temp)

THIS CERTIFICATE IS VALID ONLY WHEN CARRYING THE
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Nova House, Rougham Industrial Estate, Rougham, Bury St Edmunds, Suffolk, IP30 9ND, England
t +44 (0)1359 270457 e sales@geosense.co.uk www.geosense.co.uk

TEST DATE AND CONDITIONS	
Date	03/03/21
Atmospheric Pressure	1013mB
Ambient Temp	24.7°C
Envionics Serial No.	2518

GAS DATA LTD

Pegasus House
Seven Stars Estate
Wheler Rd
Coventry
CV3 4LB

Tel 02476303311 Fax 02476307711



GFM436-3 FINAL INSPECTION & CALIBRATION CHECK CERTIFICATE

INSTRUMENT DETAILS	
Serial No	Customer
12224	Concept Site Investigations

INSTRUMENT CHECKS			
Keyboard	✓	Pump Flow	500cc/min
Display Contrast	✓	Pump Flow @ -200mB	300cc/min
Clock Set / Running	✓	S/W Version	G436.0027/0011
Labels Fitted	✓	Recalibration Date	03/03/22

GAS CHECKS							
Calibration Gas		Instrument Gas Channels Read					
Gas Type	Applied Conc.	CH4 (%)	tol. (% vol.)	CO2 (%)	tol. (% vol.)	O2 (%)	tol. (% vol.)
N2	100%	0.0	0.0	0.0	0.0	0.0	+/-0.1
CH4	5%	4.9	+/-0.3	0.0	0.0	0.0	+/-0.1
	60%	59.7	+/-3.0	0.0	0.0	0.0	+/-0.1
CO2	5%	0.0	0.0	5.0	+/-0.3	0.0	+/-0.1
	40%	0.0	0.0	40.2	+/-3.0	0.0	+/-0.1
O2	20.9%	0.0	0.0	0.1	+0.1	20.8	+/-0.5

OPTIONAL GAS CHECKS							
Calibration Gas		Instrument Gas Channels Read					
Gas Type	Applied Conc.	Label	H2S	CO		Hexane	tol. (% vol.)
		Range	5000ppm	2000ppm		2.00%	
N2	100%		0	0		0	0.0
H2S	1500ppm		1500	0			+/- 5.0
CO	1000ppm		70	998			+/- 5.0
Hexane	2.00%					1.966	+/- 10.0

PRESSURE CHECKS							
Calibration Pressure		Instrument Pressure Channels Read					
Pressure @	Applied Pressure	Atmospheric [Ap] (mB)	tol. (mB)				
All Ports	Current Atmospheric	1012	+/-2.0				
Ap Port (Internal)	+800mB(a)	802	+/-5.0				
	+1200mB(a)	1197	+/-5.0				

TEST DATE AND CONDITIONS	
Date	03/03/21
Atmospheric Pressure	1013mB
Ambient Temp	24.7°C
Enviroics Serial No.	2518

GAS DATA LTD

Pegasus House
Seven Stars Estate
Wheler Rd
Coventry
CV3 4LB

Tel 02476303311 Fax 02476307711



GFM436-3 FINAL INSPECTION & CALIBRATION CHECK CERTIFICATE

FLOW CHECKS					
Calibration Flow		Instrument Flow Channels Read			
Applied Flow (l/hour)	Applied Pressure (Pa)	Flow [Flow] (l/hour)	tol. (l/hour)	Differential Pressure [Dp] (Pa)	tol. (Pa)
-30.0	-305	-28.6	+/-3.0	-319	+/-50
-3.0	-10	-2.7	+/-1.0	-10	+/-6
0.0	0	0.0	0.0	0	0.0
+3.0	9	3.1	+/-0.5	11	+/-3
+30.0	283	29.7	+/-3.0	287	+/-50
+60.0	840	60.1	+/-6.0	847	+/-130
+90.0	1642	90.1	+/-9.0	1676	+/-250

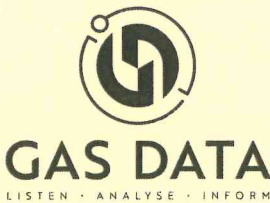
TEMPERATURE CHECK		
Calibration Temperature	Instrument Temperature Channel Read	
Applied Equivalent Temperature (°C)	Temperature [Temp] (°C)	tol. (°C)
-10.0	-10.5	+/- 2.0
0.0	0.0	+/- 1.0
30.0	30.0	+/- 1.0
60.0	60.0	+/- 1.0
100.0	99.5	+/- 1.0

Notes:

The instrument identified by the serial number stated above has been tested by Gas Data personnel for calibration accuracy on the date and under the ambient conditions stated. Gas Data Ltd internal BS EN ISO9001:2015 compliant workshop procedures were followed to apply known calibration test gases, gas flow rates, pressures and temperatures of the values stated. The results displayed on the instrument at each stage are recorded above.

Gas Data Ltd is certified to BS EN ISO9001:2015. Certificate NQA 8374. Valid until 22/03/2019

TEST DATE AND CONDITIONS	
Date	3/11/21
Atmospheric pressure	991. mb
Ambient Temp	22.7 °C
EnviroNics Serial No.	N/A

GAS DATA LTD	
Unit 4 Fairfield court	
Seven Stars Estate	
Coventry	
CV3 4LJ, UK	
+44 (0) 24 7630 3311	

GFM436-3 OUTWARD INSPECTION & QUALITY CHECK SHEET

INSTRUMENT DETAILS				
SO Number	Instrument Banner	Instrument Serial Number + SW Version	Job Number(s)	
329483	GFM436	13240 / 27-10	22205	

Calibration Technician SSD

DATE 2-11-21

Inspection Technician N. Biggs

DATE 3/11/21

INSTRUMENT CHECKS		Pass (P), Fail (F) or not applicable(NA)	INSTRUMENT PACKING LIST		Tick if included
Function Tests	Dust Caps Fitted	P	Instrument		✓
	Keyboard Test (All keys)	P	Leather Case		X
	Backlight Test	P	Instrument Strap		✓
	Clock Set / Running	P	AC Battery Charger (UK)		✓
	Comms Test	P	AC Battery Charger (EURO)		X
	Pump Flow Test (In & Out)	P	AC Battery Charger (US)		X
	Overall Leak Test (30mb)	N/A	AC Battery Charger (AUS)		X
	Battery Charge Test	P	Gas Sample Pipe		✓
	Service Date set to?	2/11/22	Hard Carry Case		✓
Channel Tests	Data Logging Enabled?	P	Spares Pot		X
	Verify CH4/LEL/Hexane/PID	P	Allen Key		X
	Verify CO2	P	Flow Sample Pipe		✓
	Verify O2	P	Temperature Probe		X
	Verify H2S	P	Vane Anemometer		X
	Verify CO	P	USB Cable		X
	Verify LEL	P	USB Memory Stick		X
	Verify 1st Option gas	N/A	SM V5 Software	Ver	X
	Verify atmospheric pressure	P	Internal Filter Pack	Qty 1	✓
	Verify differential pressure	P	External Filter Pack	Qty	X
	Verify flow	P	Field Guide		X
	Verify temperature probe input	P	Extra Items:		
	Verify vane anemometer input	P			
DataBase Checks	Jobcard(s) completed and signed	P	Comments		
	Jobcard(s) booked off database	P			
	Calibration certificate completed	P			
	Complete & print QI record	N/A			
Label Checks	No. of Calibration label fitted	10756			
	MCERTS label not displayed	P			
	Warranty label fitted	P			
H2S Range	H2S Range from SO	50000 ppm			
	H2S Range from cal cert	50000 ppm			
	Over-range value correct?	P			

TEST DATE AND CONDITIONS	
Date	02/11/21
Atmospheric pressure	985mb
Ambient Temp	23.7°C
EnviroNics Serial No.	3268/2518

GAS DATA LTD	 GAS DATA LISTEN · ANALYSE · INFORM
Unit 4 Fairfield court	
Seven Stars Estate	
Coventry	
CV3 4LJ, UK	
+44 (0) 24 7630 3311	

GFM436-3 FINAL INSPECTION & CALIBRATION CHECK CERTIFICATE

INSTRUMENT DETAILS	
Serial No	Customer
13240	Concept Site Investigations

INSTRUMENT CHECKS			
Keyboard	✓	Pump Flow	500cc/min
Display Contrast	✓	Pump Flow @ -200mB	300cc/min
Clock Set / Running	✓	S/W Version	G436.0027/0010
Labels Fitted	✓	Recalibration Date	02/11/22

GAS CHECKS							
Calibration Gas		Instrument Gas Channels Read					
Gas Type	Applied Conc.	CH4 (%)	tol. (% vol.)	CO2 (%)	tol. (% vol.)	O2 (%)	tol. (% vol.)
N2	100%	0.0	0.0	0.0	0.0	0.0	+/-0.1
CH4	5%	5.0	+/-0.3	0.0	0.0	0.0	+/-0.1
	60%	59.8	+/-3.0	0.0	0.0	0.0	+/-0.1
CO2	5%	0.0	0.0	5.1	+/-0.3	0.0	+/-0.1
	40%	0.0	0.0	40.1	+/-3.0	0.0	+/-0.1
O2	20.9%	0.0	0.0	0.0	+0.1	20.9	+/-0.5

OPTIONAL GAS CHECKS							
Calibration Gas		Instrument Gas Channels Read					
Gas Type	Applied Conc.	Label Range	H2S 5000ppm	CO 2000ppm		Hexane 2.00%	tol. (% vol.)
N2	100%		0	0		0	0.0
H2S	1500ppm		1500	0			+/- 5.0
CO	1000ppm		260	997			+/- 5.0
Hexane	2.00%					1.964	+/- 10.0

PRESSURE CHECKS							
Calibration Pressure		Instrument Pressure Channels Read					
Pressure @	Applied Pressure	Atmospheric [Ap] (mB)	tol. (mB)				
All Ports	Current Atmospheric	984	+/-2.0				
Ap Port (Internal)	+800mB(a)	798	+/-5.0				
	+1200mB(a)	1197	+/-5.0				

CALIBRATION CERTIFICATE NO: 70716

ISSUED BY: SHAWCITY LIMITED
DATE: 15-Apr-21
APPROVED SIGNATORY: *JCheshire*
NAME: Jack Cheshire
CUSTOMER: Concept Engineering Consultants
INSTRUMENT: PhoCheck Tiger
SERIAL NUMBER: T-108843
CALIBRATION METHOD: CM03
AMBIENT CONDITIONS: 20°C ± 2°C and 50% (± 20%) RH

Prior to calibration the instrument was allowed to stabilise in the laboratory for at least 30 minutes.
The instrument was calibrated by exposing the sensor to known values of gas concentrations.
All gases were sampled through the complete probe and in line filter, where applicable.
The reference value is that generated by the certified source and the indicated value is that measured by the instrument.

CALIBRATION RESULTS

GAS	LOT No	REF. VALUE	INDICATED VALUE
Isobutylene	WO262581-1	100 ppm	100 ppm
Isobutylene	WO256926-1	1000 ppm	1000 ppm

COMMENTS:

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor of $k=2$.
This provides a level of confidence of uncertainty of approximately 95%.
The uncertainty of measurement is ±2 %
The results indicate that the instrument conforms to the applicable parts of the published specification.

HEALTH & SAFETY, OCCUPATIONAL HYGIENE AND ENVIRONMENTAL MONITORING INSTRUMENTS

13. GEOTECHNICAL LABORATORY TEST RESULTS

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021

Summary Test Report											
Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method											
Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH101	U	12	6.90	Soft, light grey slightly sandy slightly micaceous silty CLAY with dark grey flecks	29	Natural	100	47	24	23	
BH101	UT	14	7.50	Firm, dark grey mottled light grey slightly sandy slightly micaceous silty CLAY with occasional dark grey flecks, rare shell fragments (<2mm) and 1No coarse flint gravel at 7.81m	25	Natural	100	56	25	31	
BH101	U	17	8.50	Firm to stiff, extremely closely fissured brownish dark grey slightly micaceous silty CLAY with occasional partings of silty sand (<1mm)	26	Natural	100	68	27	41	
BH101	UT	19	9.00	Firm, grey mottled bluish grey slightly sandy silty CLAY with frequent dark grey flecks, a pocket of fine to coarse flint gravel at 9.35m, becoming soft at 9.34m	24	Natural	99	49	23	26	
BH101	U	35	18.50	Stiff, extremely closely fissured greyish brown slightly micaceous silty CLAY with rare pyrite nodules (<20mm)	28	Natural	99	80	27	53	
BH101	UT	37	19.00	Stiff, extremely closely fissured greyish brown slightly micaceous silty CLAY	29	Natural	100	79	28	51	
BH101	U	40	20.00	Soft, extremely closely fissured greyish brown slightly sandy slightly micaceous silty CLAY becoming stiff at 20.28m	25	Natural	99	73	25	48	
BH101	UT	42	20.50	Stiff, extremely closely fissured dark greyish brown slightly sandy slightly micaceous silty CLAY	24	Natural	100	70	25	45	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:	24/08/2021	CONCEPT 47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk	
Date - sample testing commenced :	21/10/2021		
Date - sample testing completed :	26/10/2021		
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		Checked / Approved by: KM Date Approved: 10/11/2021	

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021

Summary Test Report Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH101	U	45	21.50	Very stiff, extremely closely fissured dark grey slightly micaceous slightly silty CLAY with a band of claystone between 21.80 and 21.81m	27	Natural	100	84	29	55	Sample tested between 21.50 and 21.80m
BH101	UT	47	22.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional pockets of silty sand, rare shell fragments (<2mm) and rare pyrite nodules (<20mm)	24	Natural	99	62	26	36	
BH101	U	50	23.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY	24	Natural	100	66	25	41	
BH101	UT	52	23.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare partings of silty sand (<1mm)	24	Natural	100	64	26	38	
BH101	U	55	24.50	Very stiff, extremely closely fissured slightly sandy slightly micaceous silty CLAY with 1No 40mm pocket of pyrite nodules (<10mm) at 24.91m	24	Natural	100	63	27	36	
BH101	UT	57	25.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<2mm)	24	Natural	100	64	26	38	
BH101	U	60	26.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional pockets of silty sand (<50mm)	25	Natural	100	67	26	41	
BH101	UT	62	26.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY	25	Natural	100	69	27	42	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:	24/08/2021	CONCEPT 47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk
Date - sample testing commenced :	21/10/2021	
Date - sample testing completed :	26/10/2021	
Checked / Approved by: KM Date Approved: 10/11/2021		
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021

Summary Test Report Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH101	U	65	27.50	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with 1No 40mm pocket of claystone fragments (<25mm)	24	Natural	100	67	24	43	
BH101	UT	67	28.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY	24	Natural	100	72	28	44	
BH101	U	70	29.00	Very stiff, extremely closely fissured slightly micaceous silty CLAY with rare partings of silty sand (<2mm)	25	Natural	100	69	28	41	
BH101	UT	72	29.50	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with rare pockets of sand (<30mm) and 1No 45mm pocket of claystone fragments (<25mm)	25	Natural	100	72	28	44	
BH101	U	75	30.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY	25	Natural	100	73	30	43	
BH101	UT	77	31.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY	25	Natural	100	72	27	45	
BH101	U	80	32.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY	26	Natural	100	73	31	42	
BH101	UT	82	32.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY	26	Natural	100	71	28	43	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:		24/08/2021		CONCEPT 47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk
Date - sample testing commenced :	21/10/2021	Checked / Approved by:	KM	
Date - sample testing completed :	26/10/2021	Date Approved:	10/11/2021	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)				

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021

Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH101	U	86	33.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare partings of sand (<1mm)	26	Natural	100	73	29	44	
BH101	UT	88	34.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pyrite nodules (<10mm)	26	Natural	100	77	29	48	
BH101	U	91	35.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional partings of sand (<1mm) and occasional pyrite nodules (<10mm)	24	Natural	99	68	27	41	
BH101	UT	93	35.50	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with occasional pockets of sand (<40mm)	23	Natural	100	69	25	44	
BH101	U	96	36.50	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with 1No 40 pocket of pyrite nodules (<20mm) and rare pockets of silty sand (<30mm)	24	Natural	100	71	24	47	
BH101	UT	98	37.00	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with rare pockets of silty sand (<30mm)	23	Natural	100	64	23	41	
BH101	UT	103	38.50	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with rare pockets of sand (<30mm)	25	Natural	100	70	26	44	
BH101	U	106	39.50	Stiff, dark grey slightly sandy slightly micaceous silty CLAY	20	Natural	100	47	19	28	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:	24/08/2021		
Date - sample testing commenced :	21/10/2021	Checked / Approved by:	KM
Date - sample testing completed :	26/10/2021	Date Approved:	10/11/2021
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

CONCEPT
 47-49 Brunel Road, London W3 7XR
 Tel: 02087401553 Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS											
Site Name:		L4 Colt DCS Data Centre						Job No.:		21/3600	
Client:		HDCI Hayes London Limited						Date Reported:		10/11/2021	
Summary Test Report											
Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method											
Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH101	UT	108	40.00	Stiff, very closely fissured dark grey sandy slightly micaceous silty CLAY with occasional partings of sand, becoming firm at 40.29m	20	Natural	100	49	18	31	
BH101	U	111	41.00	Firm, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pockets of sand (<30mm), becoming stiff at 41.12m	24	Natural	100	67	26	41	
BH101	UT	113	41.50	Very stiff, extremely closely fissured dark grey mottled orange slightly micaceous silty CLAY with occasional pyrite nodules (<20mm) and occasional pockets of sand (<30mm)	23	Natural	99	67	28	39	
BH101	U	116	42.50	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with occasional pockets of sand (<30mm) and rare pyrite nodules (<6mm)	23	Natural	100	62	25	37	
BH101	UT	118	43.00	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with occasional pockets of sand (<30mm) and occasional pyrite nodules (<15mm)	22	Natural	99	65	27	38	
BH101	U	121	44.00	Very stiff, dark grey slightly sandy slightly micaceous silty CLAY with occasional shell fragments (<20mm)	19	Natural	100	51	22	29	
BH101	UT	123	44.50	Very stiff, extremely closely fissured dark grey sandy slightly micaceous silty CLAY with occasional partings of sand and occasional pockets of shell fragments (<40mm)	19	Natural	99	45	20	25	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.

Date - samples received: 24/08/2021

Date - sample testing commenced : 21/10/2021

Date - sample testing completed : 26/10/2021

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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47-49 Brunel Road, London W3 7XR

Tel: 02087401553 Email: lab@conceptconsultants.co.uk




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CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	02/04/2022

Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

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BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

4503

Remarks: The results reported relate only to the items tested or sampled.

Date - samples received:	11/10/2021
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Date - sample testing commenced : 11/11/2021		Checked / Approved by: KM	CONCEPT

Date - sample testing completed :	19/11/2021	Date Approved:	02/12/2021	47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk
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CONCEPT
47-49 Brunel Road, London W3 7XR
Tel: 02087401553 Email: lab@conceptconsultants.co.uk

Approved Signatories:	L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)
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CONCEPT SITE INVESTIGATIONS												
Site Name:		L4 Colt DCS Data Centre							Job No.:		21/3600	
Client:		HDCI Hayes London Limited							Date Reported:		31/01/2022	
Summary Test Report Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method												
Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks	
BH102B	UT	21	7.00	Firm very closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and rare pyrite nodules (<20mm) becoming stiff at 7.10m	31	Natural	100	80	28	52		
BH102B	U	29	9.50	Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<3mm)	27	Natural	100	75	26	49		
BH102B	UT	40	13.00	Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) becoming very stiff at 13.06m	27	Natural	100	72	27	45		
BH102B	UT	45	14.50	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)	26	Natural	100	72	26	46		
BH102B	U	51	16.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and rare pyrite nodules (<20mm)	24	Natural	99	70	25	45		
BH102B	U	61	19.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<2mm)	27	Natural	100	73	27	46		
BH102B	UT	67	21.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and rare pyrite nodules (<20mm)	24	Natural	99	72	26	46		

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.

Date - samples received: 11/10/2021	
Date - sample testing commenced : 24/01/2022	Checked / Approved by: KM
Date - sample testing completed : 25/01/2022	Date Approved: 31/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)	

CONCEPT
Unit D, Herald Way, Coventry CV3 2RQ
Tel: 02477087673
Email: coventrylab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS												
Site Name:		L4 Colt DCS Data Centre							Job No.:		21/3600	
Client:		HDCI Hayes London Limited							Date Reported:		21/01/2022	
Summary Test Report												
Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method												
Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks	
BH103A	B	3	1.20	Brown very sandy fine to coarse flint GRAVEL with occasional pockets of clay	18	Washed	26	62	23	39		
BH103A	U	31	12.30	Stiff, extremely closely fissured dark brown slightly micaceous slightly sandy silty CLAY with rare shell fragments (<1mm)	25	Natural	100	66	21	45		
BH103A	UT	38	14.30	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<2mm) and a pocket of claystone fragments (<30mm) at 14.37m	25	Natural	100	76	26	50		
BH103A	U	46	16.80	Firm, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm), bioturbation, a pocket of shell fragments (<45mm) at 17.00m	24	Natural	100	70	25	45		
BH103A	UT	53	18.90	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<1mm) and 1No pocket of pyrite nodules (<30mm) at 18.96m	27	Natural	99	74	27	47		
BH103A	UT	59	21.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<1mm)	28	Natural	100	75	27	48		
BH103A	U	67	23.50	Firm, dark grey slightly micaceous silty CLAY with rare shell fragments (<1mm), occasional bioturbation; becoming very stiff at 23.60m	27	Natural	100	74	26	48		

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.

Date - samples received: 18/08/2021

Date - sample testing commenced : 20/12/2021

Date - sample testing completed : 11/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

CONCEPT

47-49 Brunel Road, London W3 7XR

Tel: 02087401553 Email: lab@conceptconsultants.co.uk

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CONCEPT SITE INVESTIGATIONS											
Site Name:		L4 Colt DCS Data Centre						Job No.:		21/3600	
Client:		HDCI Hayes London Limited						Date Reported:		21/01/2022	
Summary Test Report Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method											
Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH103A	UT	78	27.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pockets of light grey silty sand (<20mm) and occasional shell fragments (<2mm)	23	Natural	100	69	25	44	
BH103A	U	86	29.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<1mm) and pockets of light grey silt (<15mm)	25	Natural	100	71	27	44	
BH103A	UT	93	31.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<2mm) and pockets of light grey silt (<20mm)	25	Natural	100	70	27	43	
BH103A	U	102	34.50	Stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<1mm) and pockets of light grey silt (<10mm); becoming very stiff at 34.59m	26	Natural	100	71	28	43	
BH103A	U	107	36.00	Stiff, very closely fissured dark brown silty CLAY	28	Natural	100	70	29	41	
BH103A	UT	115	38.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<2mm), pyrite nodules (<3mm) and pockets of light grey silt (<30mm)	25	Natural	100	73	26	47	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.

Date - samples received: 18/08/2021	
Date - sample testing commenced: 20/12/2021	Checked / Approved by: KM
Date - sample testing completed: 11/01/2022	Date Approved: 13/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)	

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CONCEPT
47-49 Brunel Road, London W3 7XR
Tel: 02087401553 Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	28/01/2022

Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH104A	B	6	1.00	Brownish grey slightly silty very sandy GRAVEL with medium cobble content. Gravel comprises of fine to coarse brick and concrete fragments	14	Washed	29	31	21	10	
BH104C	U	14	7.00	Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and pyrite nodules (<20mm)	26	Natural	100	71	25	46	
BH104C	UT	20	9.00	Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and pockets of silty sand (<12mm)	27	Natural	100	71	25	46	
BH104C	U	29	11.50	Firm, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<2mm), pyrite nodules (<5mm) and claystone fragments (<3mm), becoming stiff at 11.63m	28	Natural	99	79	27	52	
BH104C	UT	40	15.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and occasional pockets of light brown silt (<35mm)	24	Natural	100	69	25	44	
BH104C	U	49	17.50	Very stiff, extremely closely fissured, dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)	24	Natural	100	71	25	46	
BH104C	U	54	19.00	Very stiff, dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)	24	Natural	100	67	24	43	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:	01/10/2021		
Date - sample testing commenced :	11/01/2022	Checked / Approved by:	KM
Date - sample testing completed :	13/01/2022	Date Approved:	28/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngnr) – K Mazerant KM (Lab Mngnr)		CONCEPT 47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk	

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022

Summary Test Report Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH104C	UT	60	21.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare pyrite nodules (<6mm) and shell fragments (<5mm)	25	Natural	100	74	26	48	
BH104C	U	69	23.50	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and pyrite nodules (<4mm)	26	Natural	100	78	28	50	
BH104C	UT	80	27.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and occasional partings of light brown silt (<2mm)	24	Natural	100	60	25	35	
BH104C	U	89	29.50	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)	24	Natural	100	64	26	38	
BH104C	UT	95	31.50	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and occasional pockets of light brown silty sand (<60mm)	25	Natural	100	62	24	38	
BH104C	U	104	34.00	Very stiff, dark brown slightly micaceous silty CLAY with occasional shell fragments (<2mm) and a band of claystone between 34.25m and 34.28m	25	Natural	100	74	27	47	
BH104C	UT	116	38.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<5mm)	27	Natural	100	67	25	42	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:	01/10/2021	CONCEPT 47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk
Date - sample testing commenced :	11/01/2022	
Date - sample testing completed :	13/01/2022	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		Checked / Approved by: KM Date Approved: 20/01/2022

CONCEPT SITE INVESTIGATIONS											
Site Name:		L4 Colt DCS Data Centre						Job No.:		21/3600	
Client:		HDCI Hayes London Limited						Date Reported:		21/01/2022	
Summary Test Report											
Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method											
Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH104C	U	125	40.50	Very stiff, extremely closely fissured dark brown slightly micaceous slightly sandy silty CLAY with occasional shell fragments (<1mm) and rare pockets of light grey silt	23	Natural	100	69	25	44	
BH104C	UT	133	43.50	Very stiff, dark brown slightly micaceous silty CLAY with occasional pyrite nodules (6mm), rare shell fragments (<1mm) and pockets of silty sand (<60mm)	24	Natural	100	75	25	50	
BH104C	U	141	46.50	Very stiff, extremely closely fissured dark brown slightly micaceous slightly sandy silty CLAY with pockets of light brown silt (<40mm) and occasional shell fragments	21	Natural	100	63	24	39	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021	
Date - sample testing commenced :	11/01/2022	Checked / Approved by: KM
Date - sample testing completed :	13/01/2022	Date Approved: 20/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

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47-49 Brunel Road, London W3 7XR
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CONCEPT SITE INVESTIGATIONS											
Site Name:		L4 Colt DCS Data Centre							Job No.:		21/3600
Client:		HDCI Hayes London Limited							Date Reported:		12/01/2022
Summary Test Report											
Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method											
Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH105	U	9	1.50	Stiff, bluish grey mottled orange slightly gravelly slightly sandy clayey SILT, becoming firm at 1.67m. Gravel is fine to medium flint	21	Washed	81	40	17	23	
BH105	UT	10	2.00	Stiff, orangish brown mottled grey slightly sandy gravelly silty CLAY. Gravel is fine to coarse flint; becoming orangish brown mottled bluish grey with no flint gravel at 2.16m	28	Washed	98	73	25	48	Tested below 2.16m
BH105	U	19	3.50	Stiff, extremely closely fissured greyish brown mottled bluish grey slightly micaceous silty CLAY with a pocket of shell fragments (<5mm) at 3.73m	30	Natural	100	74	27	47	
BH105	UT	20	4.00	Stiff, very closely fissured greyish brown mottled bluish grey slightly micaceous silty CLAY with occasional shell fragments (<5mm)	30	Natural	100	76	27	49	
BH105	U	24	5.00	Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare pyrite nodules (<15mm)	28	Natural	100	75	26	49	
BH105	UT	30	7.00	Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY	30	Natural	100	75	28	47	
BH105	U	34	8.00	Stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<5mm)	29	Natural	100	76	28	48	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.

Date - samples received:	16/09/2021	
Date - sample testing commenced :	26/10/2022	Checked / Approved by: KM
Date - sample testing completed :	06/12/2021	Date Approved: 22/12/2021
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

CONCEPT
47-49 Brunel Road, London W3 7XR
Tel: 02087401553 Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	12/01/2022

Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH105	U	39	9.50	Stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pyrite nodules (<10mm)	28	Natural	99	91	25	66	
BH105	UT	40	10.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY	27	Natural	100	74	27	47	
BH105	U	44	11.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY	28	Natural	100	77	28	49	
BH105	UT	50	13.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pyrite nodules (<15mm)	26	Natural	99	73	25	48	
BH105	U	54	14.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<10mm)	27	Natural	100	72	26	46	
BH105	U	59	15.50	Stiff, dark grey slightly micaceous silty CLAY	28	Natural	100	76	25	51	
BH105	U	64	17.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pyrite nodules (<5mm) and rare shell fragments (<5mm)	24	Natural	99	66	24	42	
BH105	UT	65	17.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pyrite nodules (<20mm)	24	Natural	99	68	24	44	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

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Date - samples received:	16/09/2021		
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 47-49 Brunel Road, London W3 7XR
 Tel: 02087401553 Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	12/01/2022

Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH105	U	74	20.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional pyrite nodules (<10mm) and rare shell fragments (<5mm)	26	Natural	99	71	26	45	
BH105	U	79	21.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional pyrite nodules (<15mm) and rare shell fragments (<5mm)	27	Natural	98	71	24	47	
BH105	UT	80	22.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pyrite nodules (<15mm)	27	Natural	99	75	25	50	
BH105	U	89	24.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<5mm)	23	Natural	100	62	25	37	
BH105	U	94	26.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pockets of silty sand (<50mm)	22	Natural	100	64	25	39	
BH105	UT	96	26.50	Very stiff, extremely closely fissured dark grey mottled reddish orange slightly micaceous silty CLAY with occasional pockets of silty sand (<30mm)	23	Natural	100	60	22	38	
BH105	U	104	29.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional partings (<1mm) of silty sand	25	Natural	100	61	26	35	
BH105	UT	111	31.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare partings of silty sand (<1mm)	25	Natural	100	66	24	42	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



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Date - samples received:	16/09/2021	Checked / Approved by: KM Date Approved: 22/12/2021	CONCEPT 47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk
Date - sample testing commenced :	26/10/2022		
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Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	12/01/2022

Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH105	UT	116	32.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional partings of silty sand (<1mm) and rare shell fragments (<5mm)	25	Natural	100	67	26	41	
BH105	U	124	35.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with a band of claystone between 35.16 and 35.18m	28	Natural	100	69	27	42	Tested below 35.18m
BH105	UT	126	35.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare partings of silty sand (<1mm) and 1No 20mm pocket of pyrite nodules (<5mm) at 35.59m	27	Natural	98	70	27	43	
BH105	UT	131	37.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pyrite nodules (<5mm)	27	Natural	99	65	28	37	
BH105	U	139	39.50	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with occasional shell fragments (<5mm) and rare partings of silty sand (<1mm)	25	Natural	100	68	26	42	
BH105	U	144	41.00	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY	22	Natural	100	65	24	41	
BH105	UT	146	41.50	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with occasional pyrite nodules (<10mm) and occasional pockets of silty sand (<40mm)	25	Natural	98	70	27	43	
BH105	U	149	42.50	Very stiff, dark grey slightly micaceous sandy silty CLAY with rare pyrite nodules (<5mm)	18	Natural	99	50	18	32	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:		16/09/2021		CONCEPT 47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk
Date - sample testing commenced :	26/10/2022	Checked / Approved by:	KM	
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Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)				

CONCEPT SITE INVESTIGATIONS												
Site Name:		L4 Colt DCS Data Centre							Job No.:		21/3600	
Client:		HDCI Hayes London Limited							Date Reported:		12/01/2022	
Summary Test Report Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method												
Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks	
BH105	UT	156	44.50	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with rare pyrite nodules (<10mm), occasional pockets of silty sand (<40mm) and rare shell fragments (<5mm)	22	Natural	98	64	25	39		
BH105	U	159	45.50	Very stiff, dark grey slightly micaceous sandy silty CLAY with occasional pockets of silty sand (<40mm)	19	Natural	100	44	18	26		
BH105	UT	161	46.00	Very stiff, dark grey slightly sandy slightly micaceous silty CLAY with occasional shell fragments (<5mm)	19	Natural	99	50	21	29		

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method			
BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index			
BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method			
Remarks: The results reported relate only to the items tested or sampled.			
Date - samples received:	16/09/2021	 concept 47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk	
Date - sample testing commenced :	27/10/2021		Checked / Approved by: KM
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Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	12/01/2022

Summary Test Report Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH106	B	5	0.90	Brown clayey fine to coarse SAND and flint GRAVEL	7.3	Washed	100	34	15	19	
BH106	B	10	3.00	Brown very sandy fine to coarse flint GRAVEL						NP	NP=Non-plastic
BH106	B	14	6.00	Brown sandy fine to coarse flint GRAVEL with rare pockets of clay and low cobble content						NP	NP=Non-plastic
BH106	U	18	7.00	Stiff, extremely closely fissured dark greyish brown slightly sandy slightly micaceous silty CLAY with 1No pocket (<40mm) of claystone fragments at 7.25m and rare shell fragments (<10mm)	27	Natural	100	72	25	47	Tested between 7.00 and 7.25m
BH106	UT	20	7.50	Stiff, very closely fissure dark greyish brown slightly micaceous silty CLAY with occasional pyrite nodules (<10mm), rare shell fragments (<5mm) and 1No pocket of claystone fragments (<50mm)	27	Natural	100	73	26	47	Tested between 7.50 and 7.67m
BH106	U	23	8.50	Very stiff, dark brown slightly micaceous silty CLAY with occasional pyrite nodules	27	Natural	98	74	24	50	
BH106	UT	25	9.00	Stiff, extremely closely fissured dark greyish brown slightly sandy slightly micaceous silty CLAY with rare pyrite nodule (<15mm)	27	Natural	99	71	24	47	
BH106	UT	30	10.50	Stiff, extremely closely fissured dark greyish brown slightly micaceous silty CLAY with occasional pyrite nodules (<20mm) and rare shell fragments (<5mm)	28	Natural	99	79	25	54	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:	03/09/212		
Date - sample testing commenced :	25/11/2021	Checked / Approved by:	KM
Date - sample testing completed :	19/11/2021	Date Approved:	22/12/2021
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		CONCEPT 47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk	

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	12/01/2022

Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH106	UT	35	11.90	Very stiff, extremely closely fissured dark greyish brown slightly sandy slightly micaceous silty CLAY with rare shell fragments (<5mm)	22	Natural	100	78	26	52	
BH106	U	38	13.00	Very stiff, dark brown slightly sandy slightly micaceous silty CLAY	27	Natural	100	74	27	47	
BH106	UT	40	13.50	Very stiff, extremely closely fissured dark greyish brown slightly sandy slightly micaceous silty CLAY with occasional pyrite nodules (<10mm)	27	Natural	98	76	25	51	
BH106	U	43	14.50	Very stiff, extremely closely fissured dark brownish grey slightly micaceous silty CLAY with rare partings of silty sand (<1mm) and occasional pyrite nodules (<25mm)	23	Natural	98	65	21	44	
BH106	UT	45	15.00	Very stiff, extremely closely fissured dark greyish brown slightly micaceous silty CLAY with rare pockets of sand (<30mm)	25	Natural	100	70	24	46	
BH106	UT	56	18.00	Very stiff, extremely closely fissured dark brownish grey slightly micaceous silty CLAY	26	Natural	100	75	26	49	
BH106	U	60	19.10	Very stiff, extremely closely fissured dark brownish grey slightly sandy slightly micaceous silty CLAY with rare shell fragments (<3mm) and rare pyrite nodules (<5mm)	24	Natural	99	67	23	44	
BH106	U	61A	19.60	Very stiff, extremely closely fissured dark brownish grey slightly sandy slightly micaceous silty CLAY with rare pyrite nodules (<15mm) and rare shell fragments (<5mm)	24	Natural	99	72	25	47	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method



Remarks: The results reported relate only to the items tested or sampled.

Date - samples received:	03/09/212		
Date - sample testing commenced :	04/11/2021	Checked / Approved by:	KM
Date - sample testing completed :	19/11/2021	Date Approved:	22/12/2021
Approved Signatories: L Griffin LG (QA Technical & Lab Mngnr) – K Mazerant KM (Lab Mngnr)		CONCEPT 47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk	

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	12/01/2022

Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH106	U	64	20.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<5mm)	25	Natural	100	70	26	44	
BH106	UT	66	21.00	Very stiff, extremely closely fissured dark brownish grey slightly micaceous silty CLAY with rare pyrite nodules (<10mm) and rare shell fragments (<3mm)	26	Natural	99	71	28	43	
BH106	U	70	22.50	Very stiff, extremely closely fissured dark brownish grey slightly micaceous silty CLAY with occasional pyrite nodules (<35mm) and rare shell fragments (<3mm)	26	Natural	99	78	27	51	
BH106	U	75	24.00	Very stiff, extremely closely fissured dark brownish grey slightly micaceous silty CLAY with occasional pyrite nodules (<10mm) and rare pockets of silty sand (<30mm)	26	Natural	98	72	24	48	
BH106	UT	77	24.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pyrite nodules (<3mm), rare partings of silty sand (<1mm) and rare pockets of silty sand (<60mm)	25	Natural	100	72	24	48	
BH106	U	80	25.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare partings of silty sand (<1mm) and rare pockets of silty sand (<60mm)	23	Natural	100	62	25	37	
BH106	UT	82	25.90	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with rare partings of silty sand (<1mm) and occasional pockets of silty sand (<30mm)	23	Natural	100	61	26	35	
BH106	U	85	27.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional pockets of silty sand (<50mm) and a band of claystone between 27.12m and 27.13m	23	Natural	100	62	25	37	Tested below 27.13m

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



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Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
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Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH106	UT	87	27.40	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with occasional pockets of silty sand (<50mm)	23	Natural	100	60	24	36	
BH106	U	90	28.50	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with rare partings of silty sand (<1mm)	23	Natural	100	61	24	37	
BH106	UT	92	29.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional pockets of silty sand (<60mm), rare pyrite nodules (<20mm) and rare shell fragments (<5mm)	23	Natural	99	66	24	42	
BH106	U	95	30.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional pockets of silty sand (<50mm)	24	Natural	100	64	25	39	
BH106	UT	97	30.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<3mm) and rare pockets of silty sand (<60mm)	23	Natural	100	64	26	38	
BH106	U	100	31.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<3mm) and occasional pockets of silty sand (<50mm)	24	Natural	100	66	24	42	
BH106	UT	102	32.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pockets of silty sand (<40mm)	24	Natural	100	64	22	42	
BH106	U	106	33.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pockets of silty sand (<30mm) and a pocket of claystone fragments at 33.62m	25	Natural	100	69	28	41	Tested below 33.62m

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.

Date - samples received:	03/09/212		
Date - sample testing commenced :	04/11/2021	Checked / Approved by:	KM
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Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH106	UT	108	33.90	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pockets of silty sand (<30mm)	25	Natural	100	68	27	41	
BH106	U	111	35.00	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<6mm) and rare pockets of silty sand (<50mm)	25	Natural	100	64	25	39	
BH106	UT	113	35.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<3mm) and rare pyrite nodules (<5mm)	27	Natural	99	68	27	41	
BH106	U	117	36.70	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<3mm)	25	Natural	100	73	27	46	
BH106	UT	119	37.20	Very stiff, extremely closely fissured dark brownish grey slightly micaceous silty CLAY with rare shell fragments (<15mm) and rare pockets of silty sand (<50mm)	23	Natural	100	67	32	35	
BH106	U	122	38.30	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with 1No pocket of shell fragments (30mm) and 1No pyrite nodule (<12mm)	24	Natural	100	66	24	42	
BH106	UT	124	38.80	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional pockets of silty sand (<40mm)	23	Natural	100	64	27	37	
BH106	U	127	40.00	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with frequent shell fragments (<3mm), occasional pockets of silty sand (<30mm) and rare pyrite nodules (<10mm)	22	Natural	99	68	24	44	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



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Summary Test Report Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH106	U	131	41.50	Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with rare pyrite nodules (<6mm)	21	Natural	99	64	24	40	
BH106	U	135	43.00	Very stiff , extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY becoming soft and sandy at 43.24m	21	Natural	100	57	20	37	
BH106	U	139	44.50	Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pockets of silty sand (<25mm) and rare pyrite nodules (<10mm)	22	Natural	99	65	25	40	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:		03/09/2021		CONCEPT 47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk
Date - sample testing commenced :	10/11/2021	Checked / Approved by:	KM	
Date - sample testing completed :	19/11/2021	Date Approved:	22/12/2021	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)				

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022

Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH107	B	4	0.60	Brown slightly sandy slightly gravelly silty CLAY. Gravel comprises fine to coarse flint and occasional brick fragments	22	Washed	86	46	19	27	
BH107	B	16	6.00	Grey slightly gravelly slightly sandy slightly organic silty CLAY. Gravel is fine to medium flint	31	Washed	95	53	19	34	
BH107	D	20	7.00	Grey slightly sandy silty CLAY with rare fine flint gravel	27	Washed	98	41	17	24	
BH107	D	31	14.00	Orangish brown slightly sandy silty CLAY with occasional fine flint gravel	33	Washed	96	75	26	49	
BH107	U	35	15.50	Firm to stiff, very closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and pyrite nodules (<20mm)	25	Natural	100	70	23	47	
BH107	UT	45	18.50	Stiff, very closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<2mm) and pyrite nodules (<2mm)	27	Natural	100	76	27	49	
BH107	UT	56	21.50	Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)	26	Natural	100	75	29	46	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:	10/11/2021		
Date - sample testing commenced :	10/01/2022	Checked / Approved by:	KM
Date - sample testing completed :	20/01/2022	Date Approved:	21/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

CONCEPT
47-49 Brunel Road, London W3 7XR
Tel: 02087401553 Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022

Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH107	U	64	24.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm), pockets of silt (<15mm) and 1No pocket of pyrite nodules (<30mm) at 24.14m	23	Natural	100	60	24	36	
BH107	UT	70	26.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm), partings of silt (<2mm) and 1No pocket of pyrite nodules (20mm) at 26.13m	23	Natural	100	63	23	40	
BH107	U	79	28.50	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)	25	Natural	100	67	27	40	
BH107	U	84	30.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare partings of silt (<3mm) and pockets of silt (<50mm)	25	Natural	100	63	26	37	
BH107	UT	90	32.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and pockets of silt (<15mm)	25	Natural	100	70	27	43	
BH107	U	95	33.00	Stiff, very closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)	29	Natural	100	72	27	45	
BH107	U	100	35.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and pyrite nodules (<40mm)	25	Natural	100	72	28	44	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:	10/11/2021		
Date - sample testing commenced :	10/01/2022	Checked / Approved by:	KM
Date - sample testing completed :	20/01/2022	Date Approved:	21/01/2022
Approved Signatories:		L Griffin LG (QA Technical & Lab Mnggr) – K Mazerant KM (Lab Mnggr)	

CONCEPT
47-49 Brunel Road, London W3 7XR
Tel: 02087401553 Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022

Summary Test Report Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH107	U	106	38.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and pyrite nodules (<15mm), becoming soft between 38.25m and 38.26m	28	Natural	100	69	25	44	
BH107	UT	112	41.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)	24	Natural	100	71	24	47	
BH107	UT	115	42.50	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<5mm), pyrite nodules (<4mm) and occasional pockets of brown silt (<25mm)	23	Natural	100	66	23	43	
BH107	UT	121	45.50	Very stiff, extremely closely fissured dark brown slightly sandy slightly micaceous silty CLAY with frequent shell fragments (<22mm) and occasional pockets of light brown silty sand (<30mm)	20	Natural	100	54	21	33	
BH107	D	125	46.90	Grey silty CLAY	26	Natural	100	62	27	35	
WS211	B	3	0.35	Brown slightly gravelly silty CLAY. Gravel is fine to medium flint	26	Washed	85	38	18	20	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:	10/11/2021		
Date - sample testing commenced :	10/01/2022	Checked / Approved by:	KM
Date - sample testing completed :	20/01/2022	Date Approved:	21/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mng'r) – K Mazerant KM (Lab Mng'r)		CONCEPT 47-49 Brunel Road, London W3 7XR Tel: 02087401553 Email: lab@conceptconsultants.co.uk	

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	31/01/2022

Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH108	UT	20	10.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and occasional pyrite nodules (<13mm)	27	Natural	100	78	27	51	
BH108	U	30	13.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and rare pockets of silt (30mm)	27	Natural	100	79	28	51	
BH108	UT	43	17.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)	27	Natural	100	71	28	43	
BH108	U	51	19.50	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and rare pyrite nodules (<5mm)	25	Natural	100	65	27	38	
BH108	U	56	21.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and rare pyrite nodules (<10mm)	26	Natural	100	80	29	51	
BH108	UT	62	23.00	Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm), rare pyrite nodules (<10mm) and 1No pocket of claystone fragments (<60mm) at 23.17m; becoming very stiff at 23.09m	27	Natural	100	71	29	42	
BH108	U	66	24.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare pockets of light grey silt (<28mm), shell fragments (<1mm) and pyrite nodules (<8mm)	24	Natural	100	71	27	44	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:	22/10/2021		
Date - sample testing commenced :	26/01/2022	Checked / Approved by:	KM
Date - sample testing completed :	27/01/2022	Date Approved:	31/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

CONCEPT
 47-49 Brunel Road, London W3 7XR
 Tel: 02087401553 Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS											
Site Name:		L4 Colt DCS Data Centre						Job No.:		21/3600	
Client:		HDCI Hayes London Limited						Date Reported:		31/01/2022	
Summary Test Report											
Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method											
Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH109	UT	10	8.50	Stiff to very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)	28	Natural	100	77	26	51	
BH109	U	19	11.00	Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) becoming very stiff at 11.07m	26	Natural	100	72	26	46	
BH109	UT	30	14.50	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)	24	Natural	100	75	28	47	
BH109	U	40	17.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and rare pyrite nodules (<5mm)	27	Natural	99	69	27	42	
BH109	UT	51	20.50	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare pockets of silt (<15mm) and shell fragments (<1mm)	24	Natural	100	69	26	43	
BH109	U	60	23.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with occasional pockets of light brown silt (<60mm) and 1No pocket of pyrite nodules (<50mm) at 23.11m	23	Natural	100	52	25	27	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.

Date - samples received: 15/10/2021

Date - sample testing commenced : 24/01/2022

Date - sample testing completed : 26/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

Checked / Approved by: KM

Date Approved: 31/01/2022

CONCEPT
47-49 Brunel Road, London W3 7XR
Tel: 02087401553 Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS											
Site Name:		L4 Colt DCS Data Centre						Job No.:		21/3600	
Client:		HDCI Hayes London Limited						Date Reported:		31/01/2022	
Summary Test Report											
Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method											
Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH110	B	13	3.50	Orangish brown very sandy fine to coarse flint GRAVEL with low cobble content and occasional pockets of clay	25	Washed	76	58	25	33	
BH110	B	19	5.50	Brown sandy fine to coarse flint GRAVEL	3.6						
BH110	UT	32	13.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare pockets of silt (<60mm), shell fragments (<1mm) and pyrite nodules (<15mm)	25	Natural	100	70	26	44	
BH110	UT	42	16.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)	25	Natural	100	74	26	48	
BH110	UT	49	18.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<4mm)	25	Natural	100	72	26	46	
BH110	U	54	20.00	Firm, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<3mm) and rare pyrite nodules (<30mm) becoming very stiff at 20.14m	27	Natural	100	74	27	47	
BH110	UT	68	24.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with occasional pockets of brown silt (<55mm), rare pyrite nodules (<35mm) and shell fragments (<2mm)	23	Natural	99	62	26	36	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.

Date - samples received: 15/10/2021	
Date - sample testing commenced : 19/01/2022	Checked / Approved by: KM
Date - sample testing completed : 25/01/2022	Date Approved: 31/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)	

CONCEPT
47-49 Brunel Road, London W3 7XR
Tel: 02087401553 Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	31/01/2022

Summary Test Report Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
BH110	UT	78	27.00	Firm, extremely closely fissured dark brown slightly micaceous silty CLAY with rare partings of silt (<3mm), rare shell fragments (<1mm) and pyrite nodules (<15mm) becoming very stiff at 27.11m	25	Natural	99	62	25	37	
BH110	U	84	29.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm), rare pockets of light brown silt (<35mm) and 1No pocket of claystone fragments (<15mm) at 29.10m	24	Natural	99	60	24	36	
BH110	UT	99	33.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm), occasional pockets of light brown silt (<20mm) and 1No pocket of claystone fragments (<60mm) at 33.14m	26	Natural	99	69	27	42	
BH110	U	113	38.00	Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and 1No pocket of pyrite nodules (<30mm) at 38.17m	25	Natural	99	80	27	53	
BH110	U	122	41.00	Firm, extremely closely fissured dark brown slightly micaceous silty CLAY with occasional pockets of light brown silt (<50mm), rare shell fragments (<5mm) and pyrite nodules (<10mm) becoming very stiff at 41.27m	27	Natural	100	68	24	44	
BH110	UT	129	43.50	Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) becoming very stiff at 43.59m	22	Natural	100	63	24	39	

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.



Date - samples received:	15/10/2021		
Date - sample testing commenced :	19/01/2022	Checked / Approved by:	KM
Date - sample testing completed :	25/01/2022	Date Approved:	31/01/2022
Approved Signatories:	L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

CONCEPT
47-49 Brunel Road, London W3 7XR
Tel: 02087401553 Email: lab@conceptconsultants.co.uk

Site Name:	L4 Colt DCS Data Centre	Job No.:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	31/01/2022

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method Remarks: The results reported relate only to the items tested or sampled.	 
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CONCEPT SITE INVESTIGATIONS											
Site Name:		L4 Colt DCS Data Centre						Job No.:		21/3600	
Client:		HDCI Hayes London Limited						Date Reported:		21/01/2022	
Summary Test Report											
Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method											
Borehole No.	Sample Type	Sample No.	Depth m	Description	Natural Moisture Content %	Washed Natural	Passing 425 µm sieve %	Liquid Limit %	Plastic Limit %	Plasticity Index %	Remarks
IT501	B	2	1.00	Orangish brown silty fine to coarse SAND and GRAVEL	7.7				NP		NP = Non-Plastic
TP305	B	4	1.10	Dark brown silty sandy fine to coarse GRAVEL with low cobble content. Gravel comprises flint and occasional concrete fragments	19	Washed	37	40	21	19	
TP307	B	4	0.50	Greyish brown slightly clayey silty GRAVEL with frequent pockets of slightly gravelly clay. Gravel comprises fine to coarse flint, concrete and rare brick fragments	12						
TP309A	B	1	0.25	Dark grey slightly silty very sandy fine to coarse GRAVEL with rare pockets of clay. Gravel comprises brick, concrete and clinker fragments	11				NP		NP = Non-Plastic

BS 1377: Part 2: Clause 4.3 & 4.4: 1990 Determination of the liquid limit by the cone penetrometer method

BS 1377: Part 2: Clause 5: 1990 Determination of the plastic limit and plasticity index

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

Remarks: The results reported relate only to the items tested or sampled.

Date - samples received:	18/09/2021	
Date - sample testing commenced :	01/12/2021	Checked / Approved by: KM
Date - sample testing completed :	20/01/2022	Date Approved: 21/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

CONCEPT
Unit D, Herald Way, Coventry CV3 2RQ
Tel: 02477087673
Email: coventrylab@conceptconsultants.co.uk

[illegible]

[illegible]

CONCEPT SITE INVESTIGATIONS

Client:	HDCI Hayes London Limited	Date Reported:	04/02/2022
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Summary Test Report

Determination of Moisture Content and Liquid and Plastic Limits by 4 Point Cone Method

[illegible]

CONCEPT
47-49 Brunel Road, London W3 7XR
Tel: 02087401553 Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS								
Site Name: L4 Colt DCS Data Centre						Job No.: 21/3600		
Client: HDCI Hayes London Limited						Date Reported: 21/01/2022		
Summary Test Report Determination of Bulk and Dry Density								
BH/TP No	Sample Type	Sample No	Depth m	Description	Bulk Density Mg/m ³	Natural Moisture Content %	Dry Density Mg/m ³	(Method*) Remarks
BH107	B	16	6.00	Grey slightly gravelly slightly sandy slightly organic silty CLAY. Gravel is fine to medium flint	1.96	31	1.50	

BS 1377: Part 2: Clause 3.2: 1990 Determination of the moisture content by the oven drying method

BS 1377: Part 2: Clause 7.2: 1990 Determination of Density. Linear Measurement Method

Remarks: The results reported relate only to the items tested or sampled.

Date - samples received: 10/11/2021

Date - sample testing commenced : 19/01/2022Checked / Approved by: KM

Date - sample testing completed : 20/01/2022Date Approved: 21/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

CONCEPT

Unit D, Herald Way, Coventry CV3 2RQ

Tel: 02477087673

Email:coventrylab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS

PARTICLE SIZE DISTRIBUTION

TEST REPORT

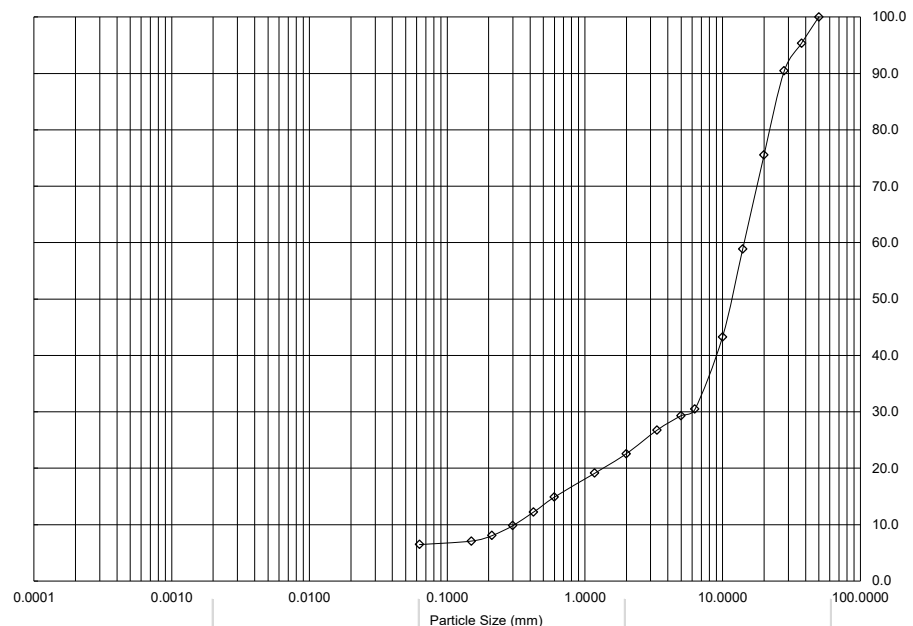
Site Name: L4 Colt DCS Data Centre			Job Number: 21/3600	
Client: HDCI Hayes London Limited			Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. B 4	Top Depth: 1.60 m	Bottom Depth: 2.00 m	

Soil Description:

Brownish grey slightly clayey silty sandy fine to coarse flint GRAVEL

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	95
28.000	90
20.000	76
14.000	59
10.000	43
6.300	30
5.000	29
3.350	27
2.000	23
1.180	19
0.600	15
0.425	12
0.300	10
0.212	8
0.150	7
0.063	6

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	
0.006	
0.002	



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type: Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
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Particle Proportions %	
Cobbles	
Gravel	77.4
Sand	16.1
Silt and Clay	6.5



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 24/10/2021		
Date - sample testing commenced: 12/10/2021	Checked / Approved by: KM	
Date - sample testing completed: 14/10/2021	Date Approved: 10/11/2021	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

CONCEPT
47-49 Brunel Road, London W3 7XR
Tel: 02087401553
Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS

PARTICLE SIZE DISTRIBUTION

TEST REPORT

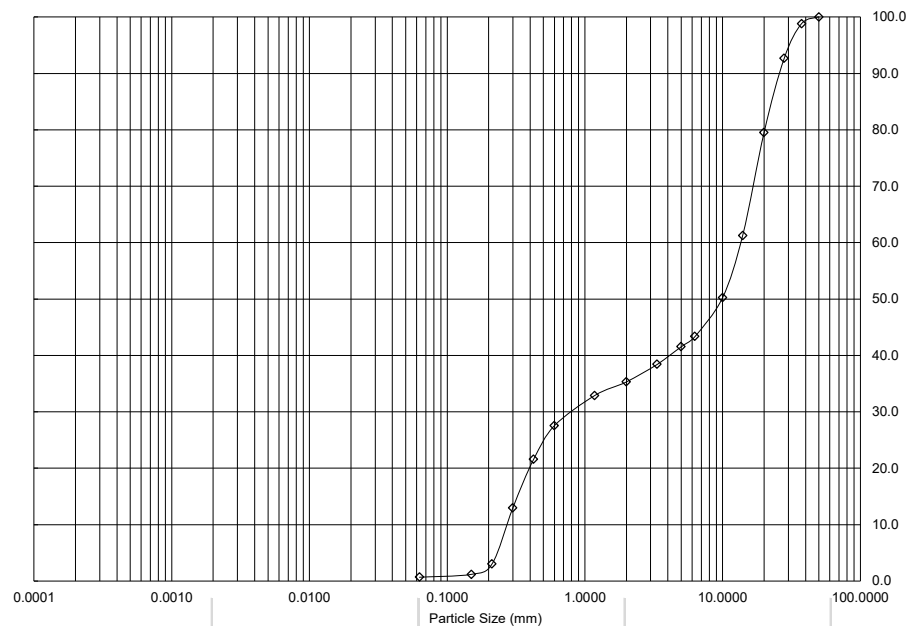
Site Name: L4 Colt DCS Data Centre			Job Number: 21/3600	
Client: HDCI Hayes London Limited			Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. B 8	Top Depth: 4.50 m	Bottom Depth: 5.00 m	

Soil Description:

Light brown very sandy find to coarse flint GRAVEL

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	99
28.000	93
20.000	80
14.000	61
10.000	50
6.300	43
5.000	42
3.350	38
2.000	35
1.180	33
0.600	28
0.425	22
0.300	13
0.212	3
0.150	1
0.063	1

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	
0.006	
0.002	



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type: Wet Sieving BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.

Particle Proportions %	
Cobbles	
Gravel	64.7
Sand	34.6
Silt and Clay	0.7



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021	Checked / Approved by: KM Date Approved: 10/11/2021
Date - sample testing commenced :	26/10/2021	
Date - sample testing completed :	01/11/2021	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

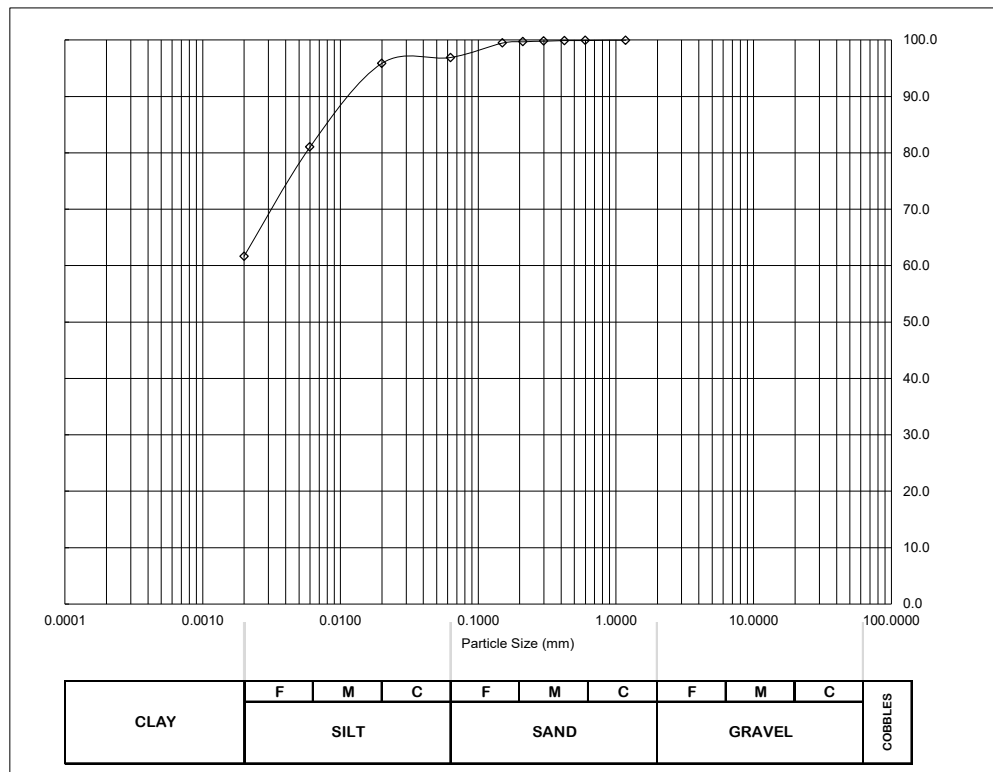
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. U 12	Top Depth: 6.90 m		Bottom Depth: 7.35 m	

Soil Description:

Soft, light grey slightly sandy slightly micaceous silty CLAY with dark grey flecks

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	99
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	96
0.006	81
0.002	62



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	3.1
Silt	35.2
Clay	61.7



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021		
Date - sample testing commenced :	15/10/2021	Checked / Approved by:	KM
Date - sample testing completed :	19/10/2021	Date Approved:	10/11/2021
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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PARTICLE SIZE DISTRIBUTION

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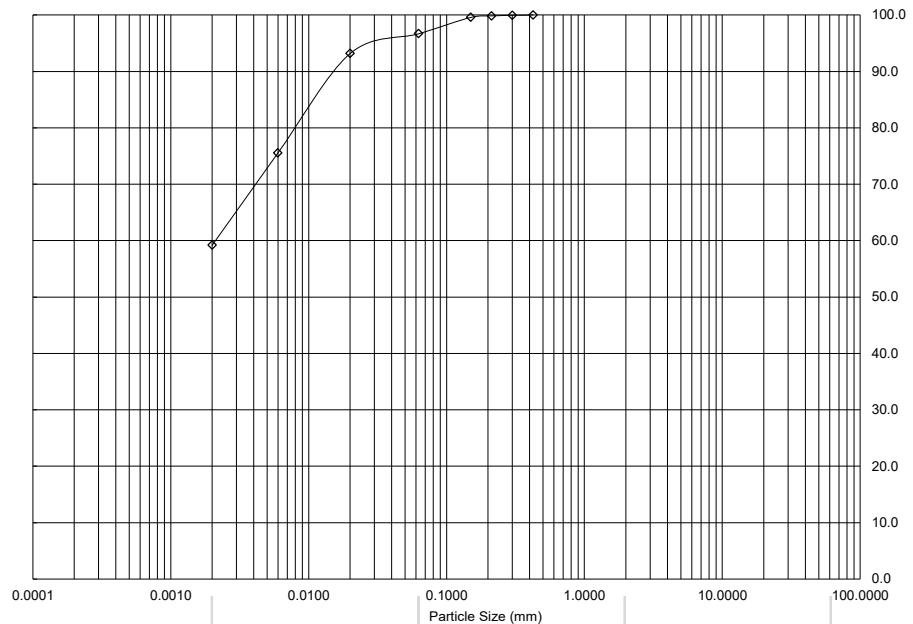
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT 14	Top Depth: 7.50 m		Bottom Depth: 7.95 m	

Soil Description:

Firm, dark grey mottled light grey slightly sandy slightly micaceous silty CLAY with occasional dark grey flecks, rare shell fragments (<2mm) and 1No coarse flint gravel at 7.81m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	93
0.006	76
0.002	59



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	3.3
Silt	37.5
Clay	59.2



Remarks: Flint gravel - not in test sample

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	15/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	19/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

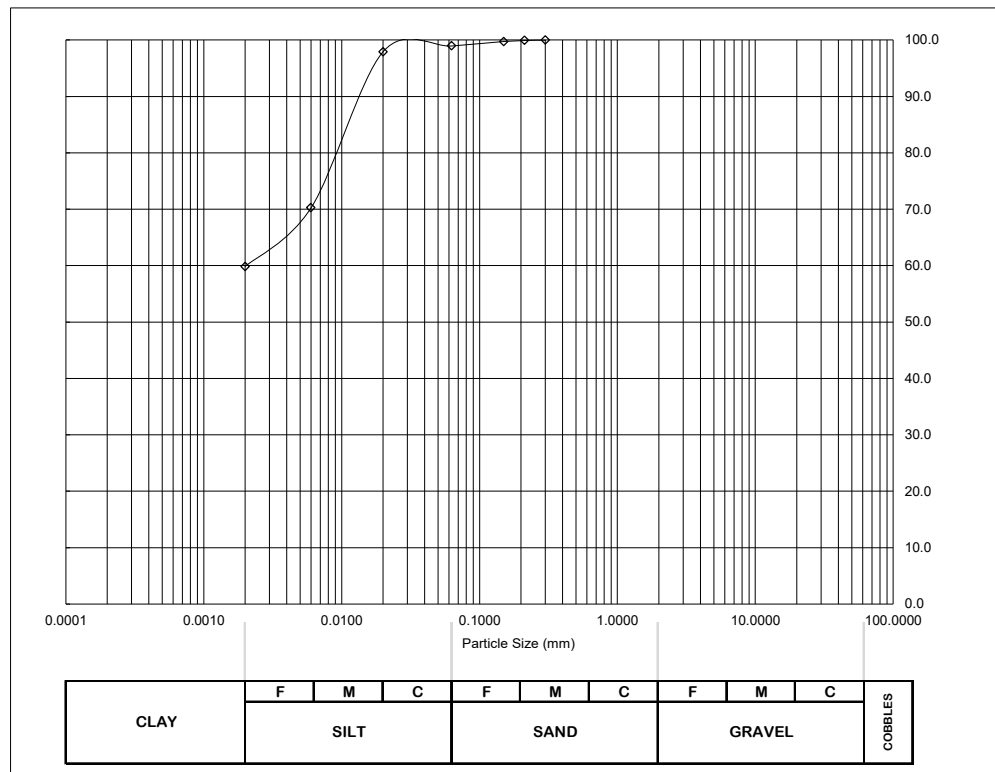
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. U	17	Top Depth: 8.50 m	Bottom Depth: 8.95 m	

Soil Description:

Firm to stiff, extremely closely fissured brownish dark grey slightly micaceous silty CLAY with occasional partings of silty sand (<1mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	98
0.006	70
0.002	60



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.1
Silt	39.1
Clay	59.8



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	15/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	19/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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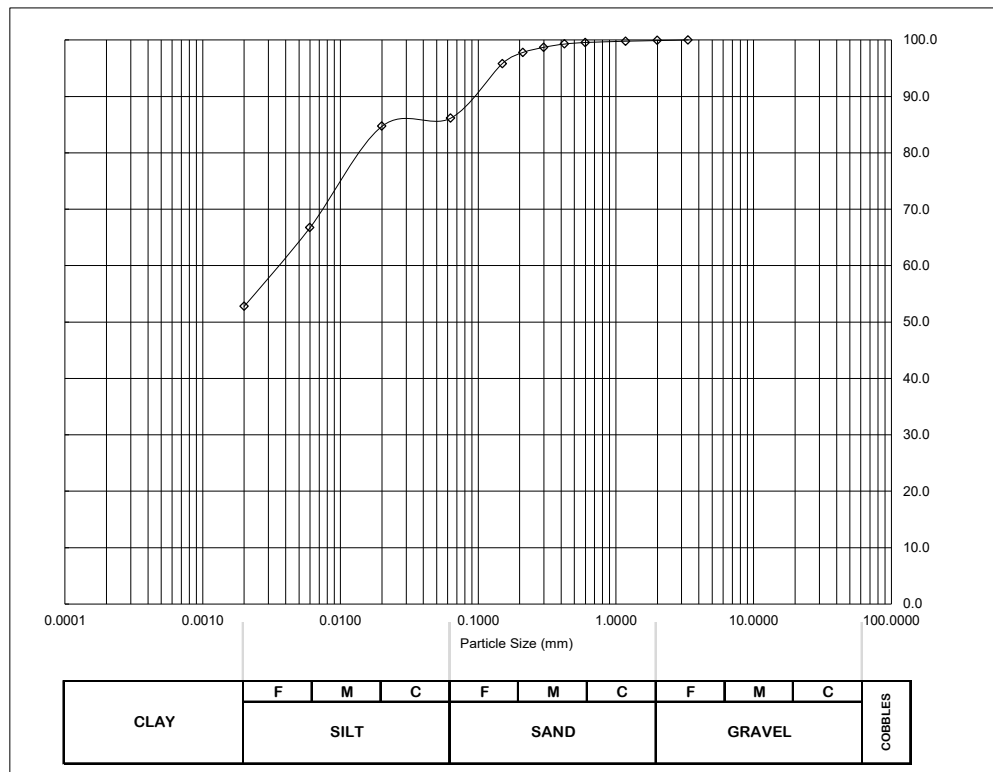
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021
Borehole No:	BH101	Sample Type/No.	UT 19
		Top Depth:	9.00 m
		Bottom Depth:	9.45 m

Soil Description:

Firm, grey mottled bluish grey slightly sandy silty CLAY with frequent dark grey flecks, a pocket of fine to coarse flint gravel at 9.35m, becoming soft at 9.34m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	99
0.300	99
0.212	98
0.150	96
0.063	86

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	85
0.006	67
0.002	53



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.1
Sand	13.8
Silt	33.4
Clay	52.8



4503

Remarks:

Sample tested between 9.00 and 9.35m

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021
Date - sample testing commenced :	15/10/2021
Date - sample testing completed :	19/10/2021

Checked / Approved by:	KM
Date Approved:	10/11/2021

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

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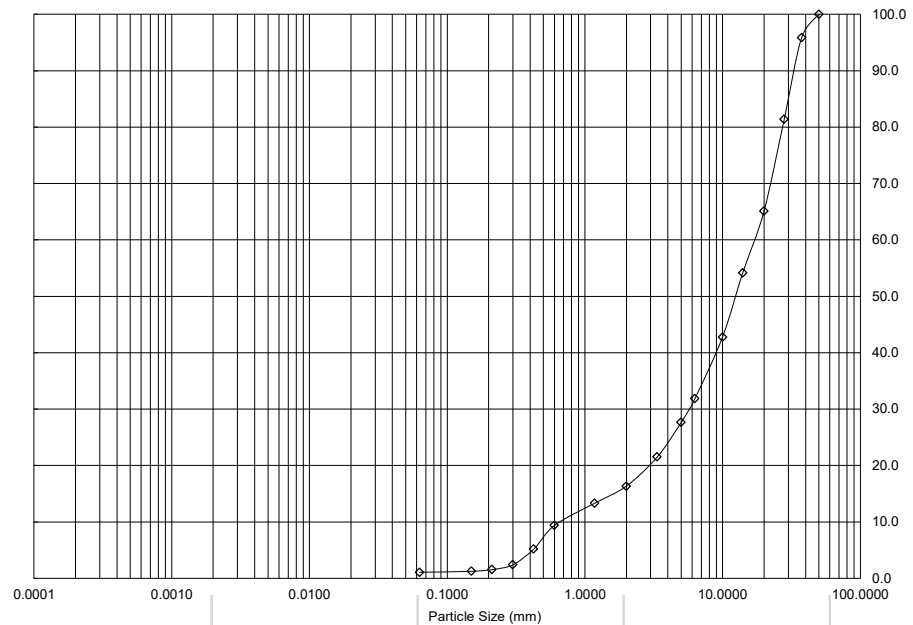
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. B 24	Top Depth: 10.50 m		Bottom Depth: 11.00 m	

Soil Description:

Light brown sandy fine to coarse flint GRAVEL

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	96
28.000	81
20.000	65
14.000	54
10.000	43
6.300	32
5.000	28
3.350	21
2.000	16
1.180	13
0.600	9
0.425	5
0.300	2
0.212	2
0.150	1
0.063	1

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	
0.006	
0.002	



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type: Wet Sieving BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.

Particle Proportions %	
Cobbles	
Gravel	83.7
Sand	15.3
Silt and Clay	1.1



4503

Remarks:

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Date - samples received:	24/10/2021	Checked / Approved by: KM Date Approved: 10/11/2021
Date - sample testing commenced :	26/10/2021	
Date - sample testing completed :	01/11/2021	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

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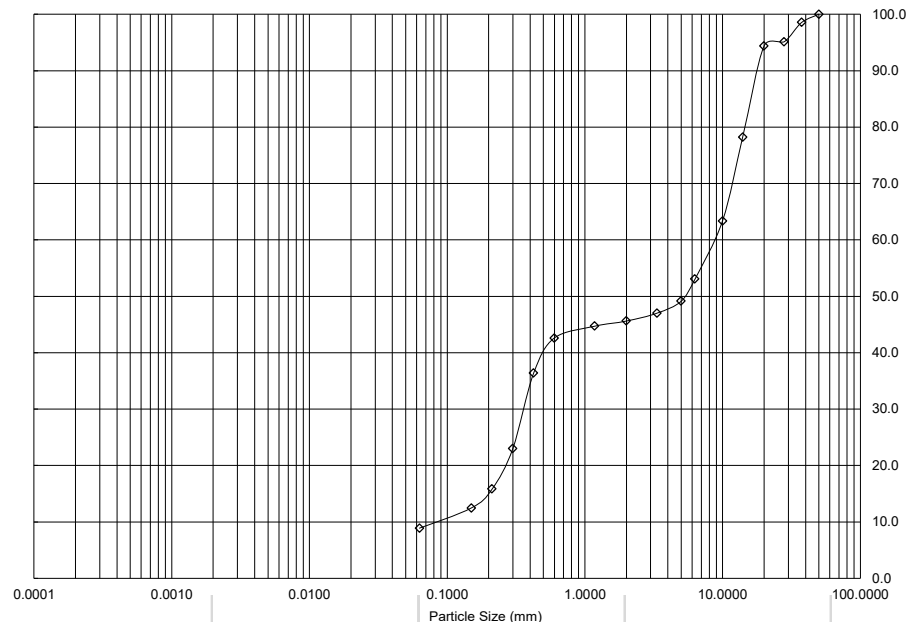
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021
Borehole No:	BH101	Sample Type/No.	B 28
		Top Depth:	13.50 m
		Bottom Depth:	14.00 m

Soil Description:

Light brown very sandy find to coarse flint GRAVEL with occasional pockets of clay

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	99
28.000	95
20.000	94
14.000	78
10.000	63
6.300	53
5.000	49
3.350	47
2.000	46
1.180	45
0.600	43
0.425	36
0.300	23
0.212	16
0.150	12
0.063	9

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	
0.006	
0.002	



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type: Wet Sieving BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.

Particle Proportions %	
Cobbles	
Gravel	54.4
Sand	36.7
Silt and Clay	8.9



Remarks:

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Date - samples received:	24/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	26/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	01/11/2021		
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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PARTICLE SIZE DISTRIBUTION

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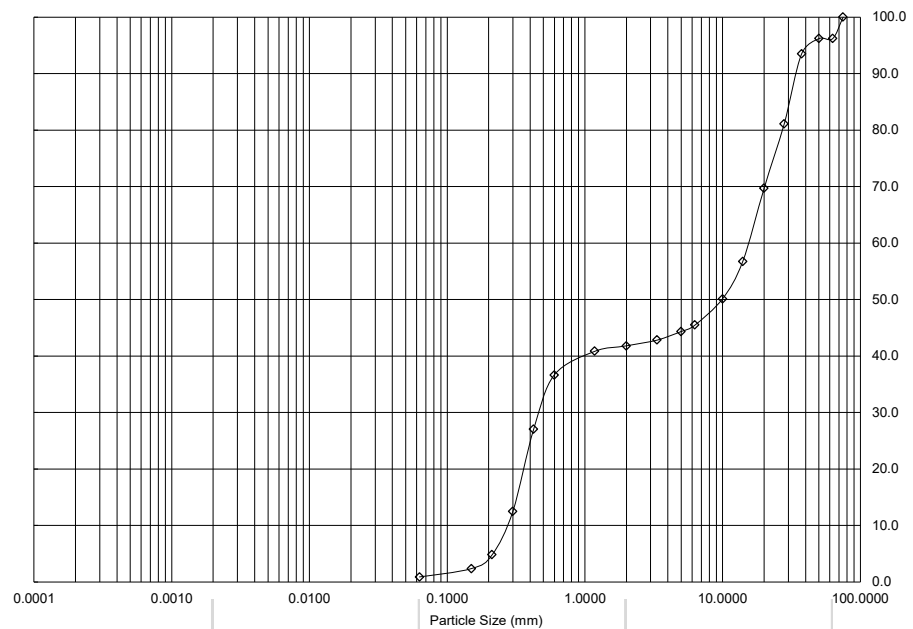
Site Name: L4 Colt DCS Data Centre			Job Number: 21/3600	
Client: HDCI Hayes London Limited			Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. B 32	Top Depth: 16.50 m	Bottom Depth: 17.00 m	

Soil Description:

Light brown very sandy find to coarse flint GRAVEL with low flint cobble content and rare pockets of clay

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	96
50.000	96
37.500	93
28.000	81
20.000	70
14.000	57
10.000	50
6.300	45
5.000	44
3.350	43
2.000	42
1.180	41
0.600	37
0.425	27
0.300	12
0.212	5
0.150	2
0.063	1

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	
0.006	
0.002	



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type: Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
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Particle Proportions %	
Cobbles	3.8
Gravel	54.4
Sand	40.9
Silt and Clay	0.9



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 24/10/2021			
Date - sample testing commenced : 26/10/2021		Checked / Approved by: KM	
Date - sample testing completed : 01/11/2021		Date Approved: 10/11/2021	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

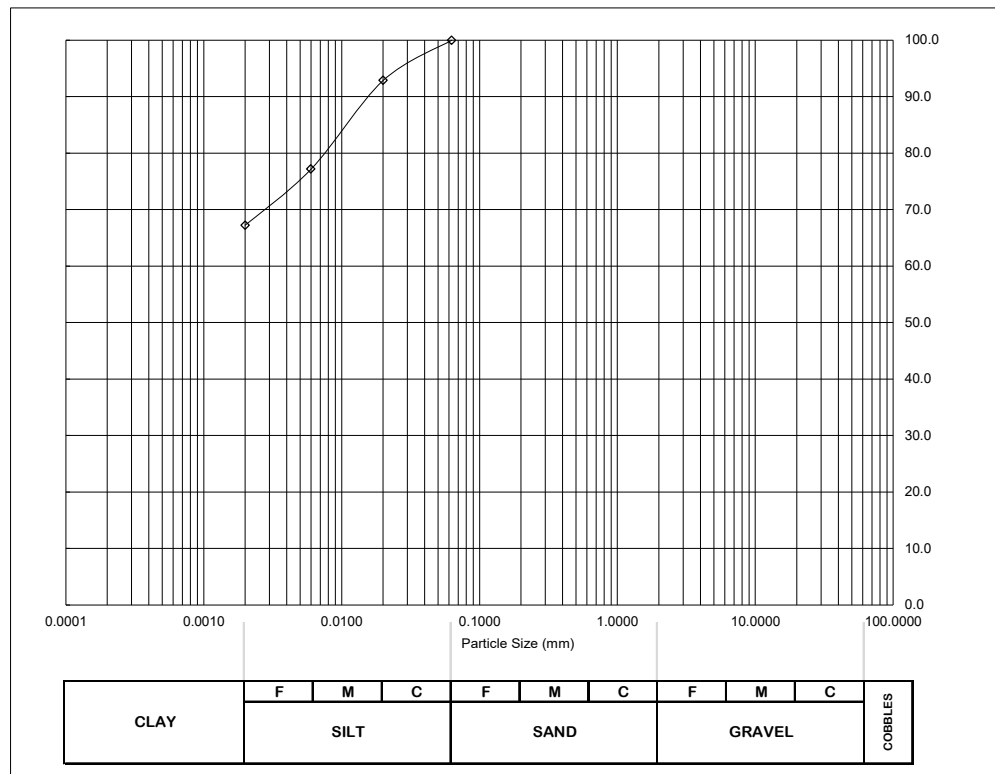
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021
Borehole No:	BH101	Sample Type/No.	U 35
		Top Depth:	18.50 m
		Bottom Depth:	18.95 m

Soil Description:

Stiff, extremely closely fissured greyish brown slightly micaceous silty CLAY with rare pyrite nodules (<20mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	100

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	93
0.006	77
0.002	67



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.0
Silt	32.7
Clay	67.2



Remarks: Pyrite nodules - not in test sample

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	15/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	21/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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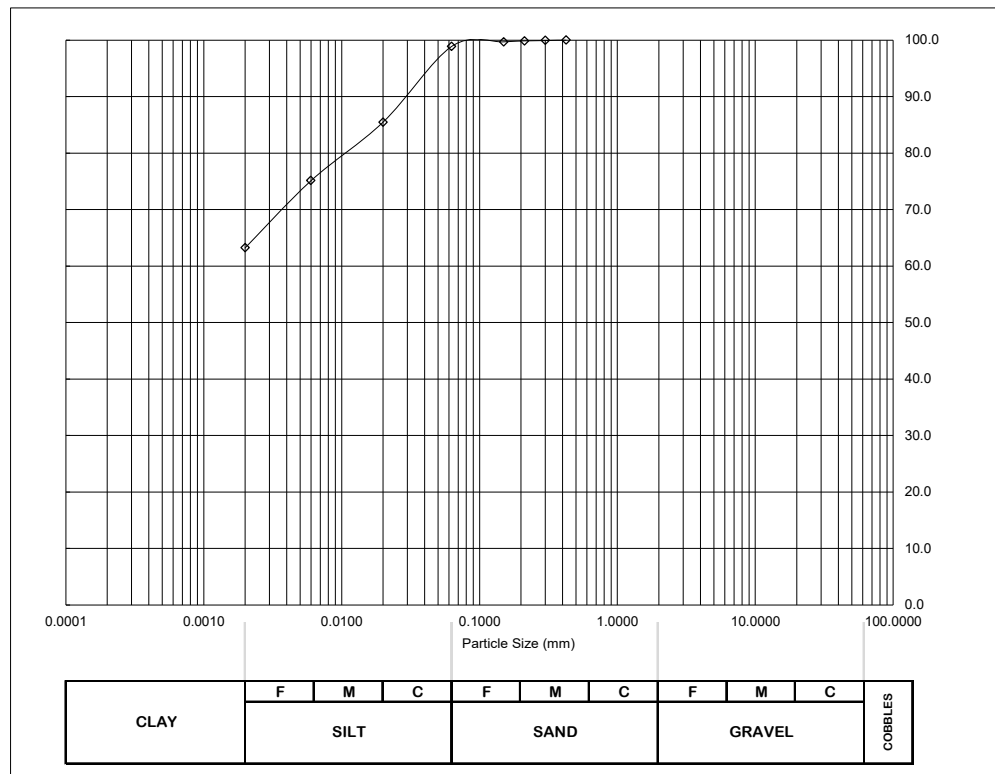
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT	37	Top Depth: 19.00 m	Bottom Depth: 19.45 m	

Soil Description:

Stiff, extremely closely fissured greyish brown slightly micaceous silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	85
0.006	75
0.002	63



Method/type: Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.1
Silt	35.7
Clay	63.2



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 24/10/2021	Checked / Approved by: KM
Date - sample testing commenced: 15/10/2021	Date Approved: 10/11/2021
Date - sample testing completed: 21/10/2021	

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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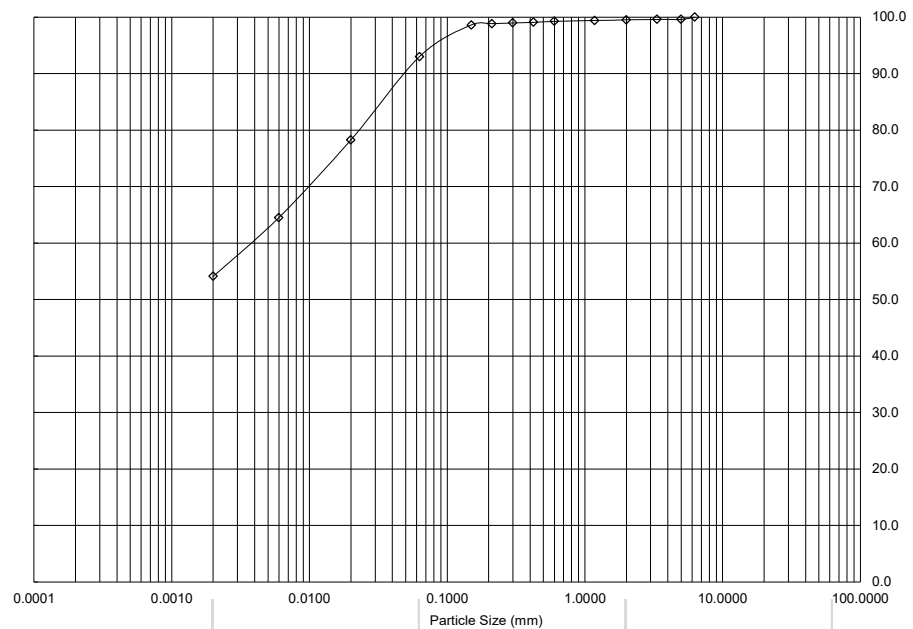
Site Name: L4 Colt DCS Data Centre			Job Number: 21/3600	
Client: HDCI Hayes London Limited			Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. U 40	Top Depth: 20.00 m	Bottom Depth: 20.45 m	

Soil Description:

Soft, extremely closely fissured greyish brown slightly sandy slightly micaceous silty CLAY becoming stiff at 20.28m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	99
1.180	99
0.600	99
0.425	99
0.300	99
0.212	99
0.150	99
0.063	93

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	78
0.006	64
0.002	54



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.5
Sand	6.5
Silt	38.9
Clay	54.1



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	15/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	21/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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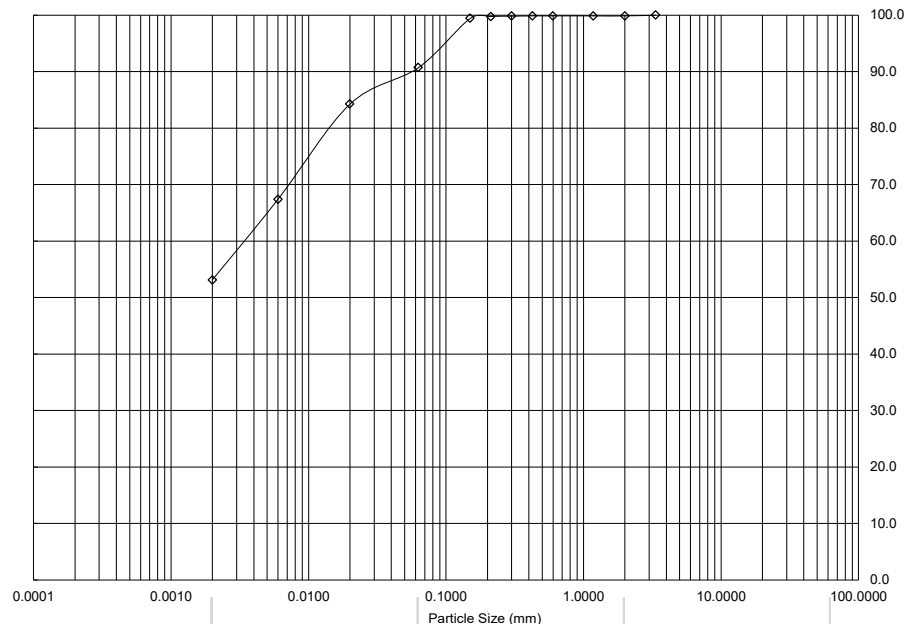
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT 42	Top Depth: 20.50 m		Bottom Depth: 20.95 m	

Soil Description:

Stiff, extremely closely fissured dark greyish brown slightly sandy slightly micaceous silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	99
0.063	91

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	84
0.006	67
0.002	53



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type: Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.2
Sand	9.1
Silt	37.6
Clay	53.1



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 24/10/2021	Checked / Approved by: KM Date Approved: 10/11/2021
Date - sample testing commenced: 15/10/2021	
Date - sample testing completed: 19/10/2021	

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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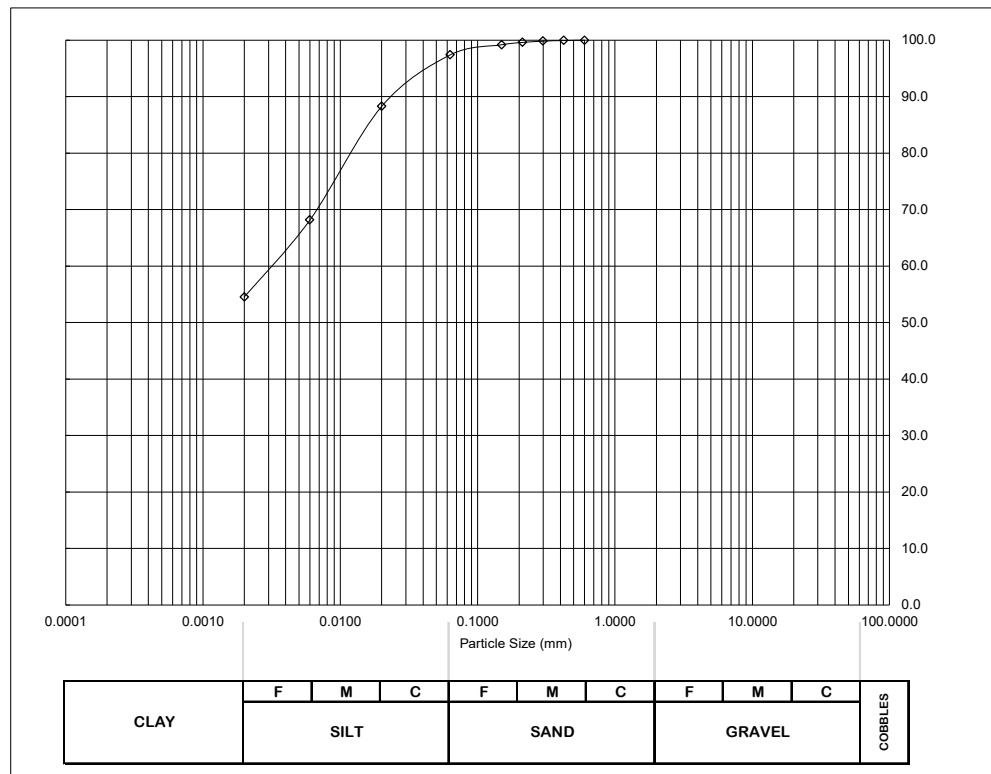
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. U	45	Top Depth: 21.50 m	Bottom Depth: 21.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous slightly sandy silty CLAY with a band of claystone between 21.80 and 21.81m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	99
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	88
0.006	68
0.002	55



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	2.6
Silt	42.9
Clay	54.5



4503

Remarks:

Sample tested between 21.50 and 21.80m

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	15/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	19/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

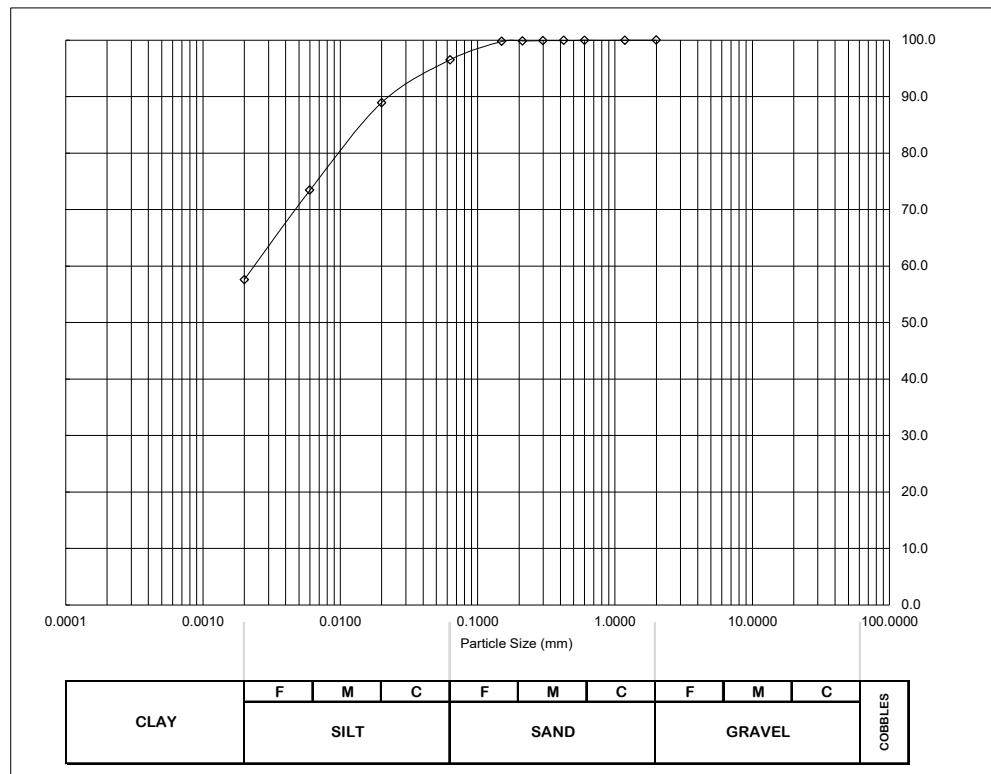
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT	47	Top Depth: 22.00 m	Bottom Depth: 22.45 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional pockets of silty sand, rare shell fragments (<2mm) and rare pyrite nodules (<20mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	89
0.006	73
0.002	58



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	3.5
Silt	38.9
Clay	57.6



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 24/10/2021			
Date - sample testing commenced : 15/10/2021		Checked / Approved by: KM	
Date - sample testing completed :		Date Approved: 10/11/2021	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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PARTICLE SIZE DISTRIBUTION

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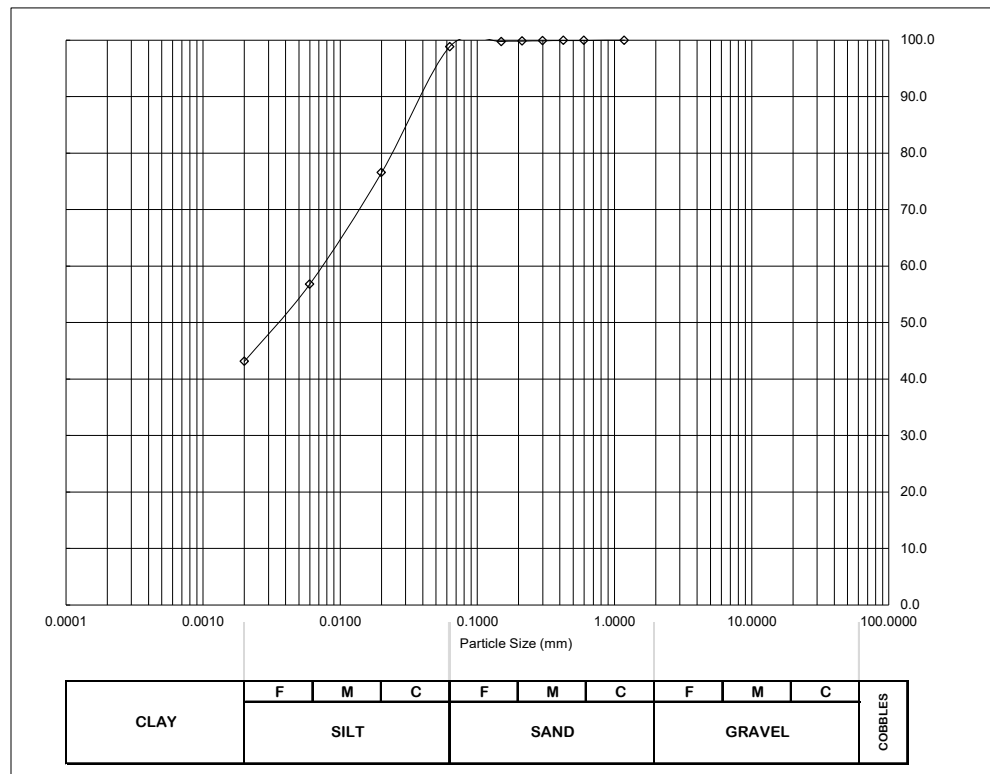
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021
Borehole No:	BH101	Sample Type/No.	U 50
		Top Depth:	23.00 m
		Bottom Depth:	23.45 m

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	77
0.006	57
0.002	43



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.2
Silt	55.7
Clay	43.1



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021
Date - sample testing commenced :	15/10/2021
Date - sample testing completed :	21/10/2021

Checked / Approved by:	KM
Date Approved:	10/11/2021

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

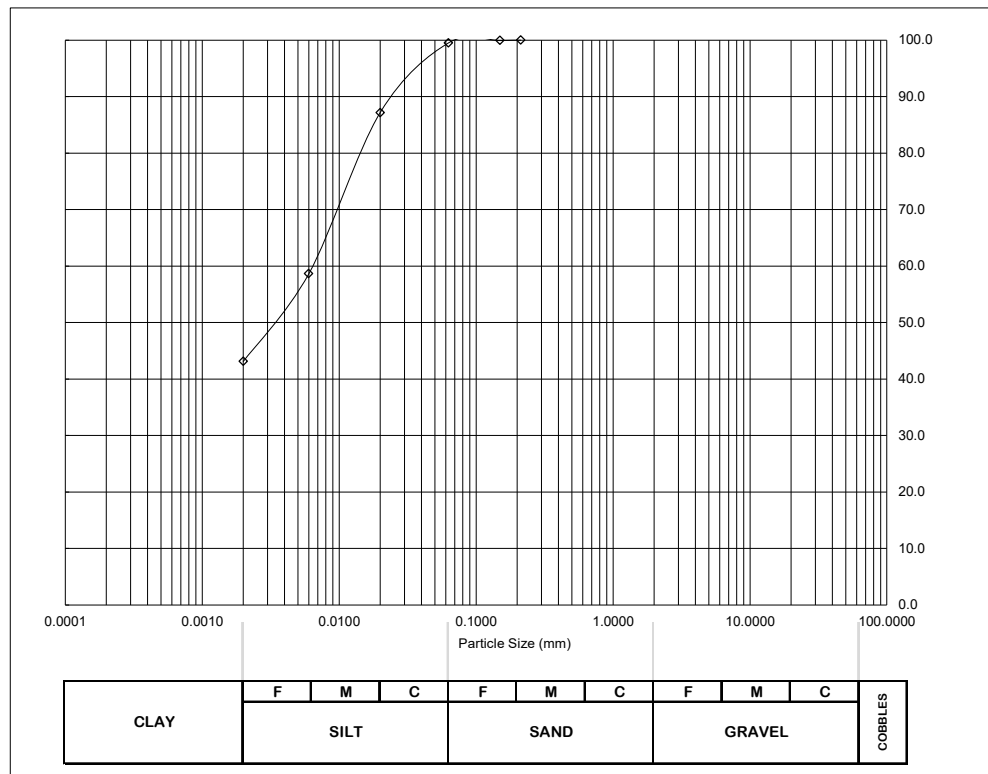
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT 52	Top Depth: 23.50 m		Bottom Depth: 23.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare partings of silty sand (<1mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	100

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	87
0.006	59
0.002	43



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.5
Silt	56.4
Clay	43.1



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	15/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	21/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

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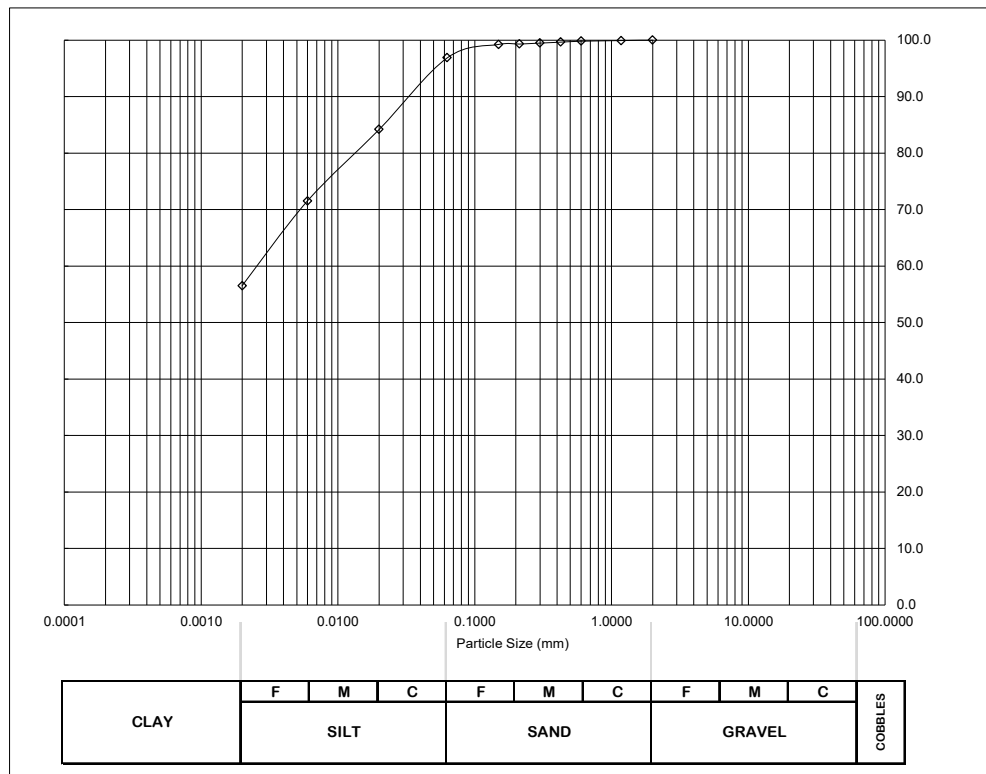
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021
Borehole No:	BH101	Sample Type/No.	U 55
		Top Depth:	24.50 m
		Bottom Depth:	24.95 m

Soil Description:

Very stiff, extremely closely fissured slightly sandy slightly micaceous silty CLAY with 1No 40mm pocket of pyrite nodules (<10mm) at 24.91m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	99
0.212	99
0.150	99
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	84
0.006	72
0.002	57



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	3.1
Silt	40.4
Clay	56.5



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021
Date - sample testing commenced :	15/10/2021
Date - sample testing completed :	21/10/2021

Checked / Approved by:	KM
Date Approved:	10/11/2021

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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TEST REPORT

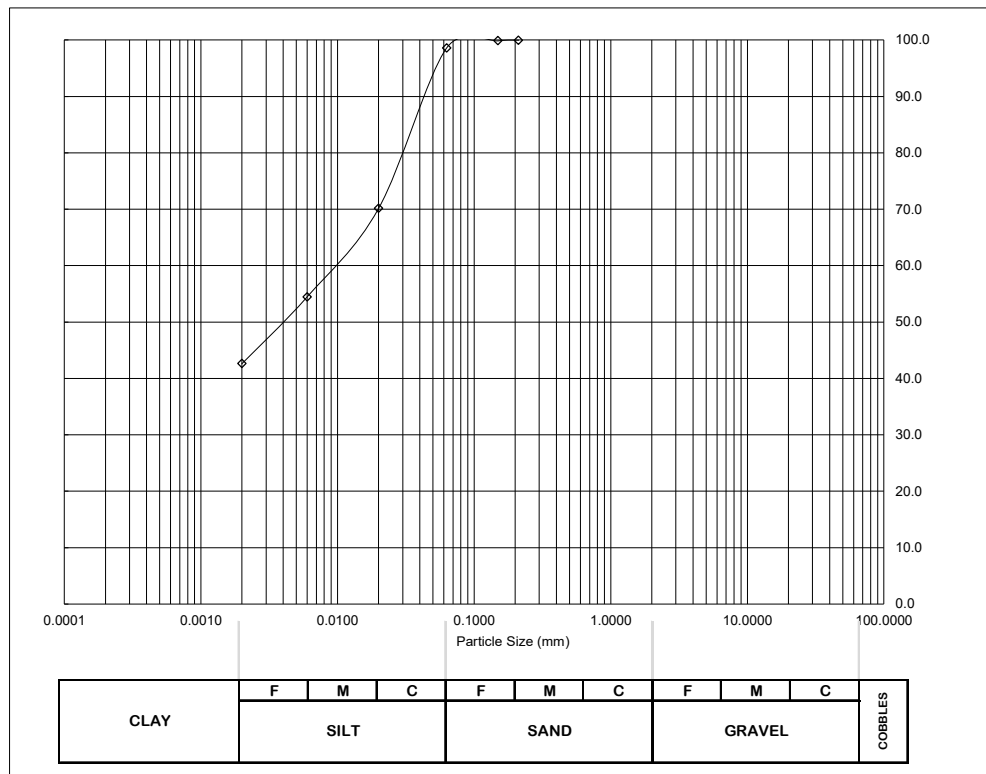
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCl Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT	57	Top Depth: 25.00 m	Bottom Depth: 25.45 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<2mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	70
0.006	54
0.002	43



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.4
Silt	56.0
Clay	42.6



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021	Checked / Approved by: KM Date Approved: 10/11/2021
Date - sample testing commenced :	15/10/2021	
Date - sample testing completed :	21/10/2021	
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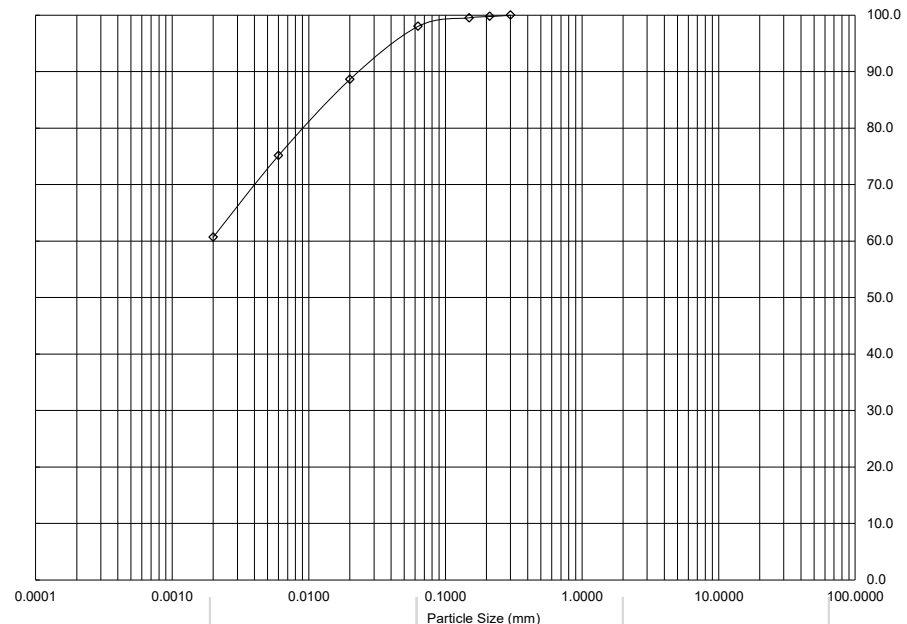
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	
Borehole No:	BH101	Sample Type/No.	U 60
		Top Depth:	26.00 m
		Bottom Depth:	26.45 m

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional pockets of silty sand (<50mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	98

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	89
0.006	75
0.002	61



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	2.0
Silt	37.3
Clay	60.7



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/10/2021	Checked / Approved by:
Date - sample testing commenced :	18/10/2021	Date Approved:
Date - sample testing completed :	25/10/2021	

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

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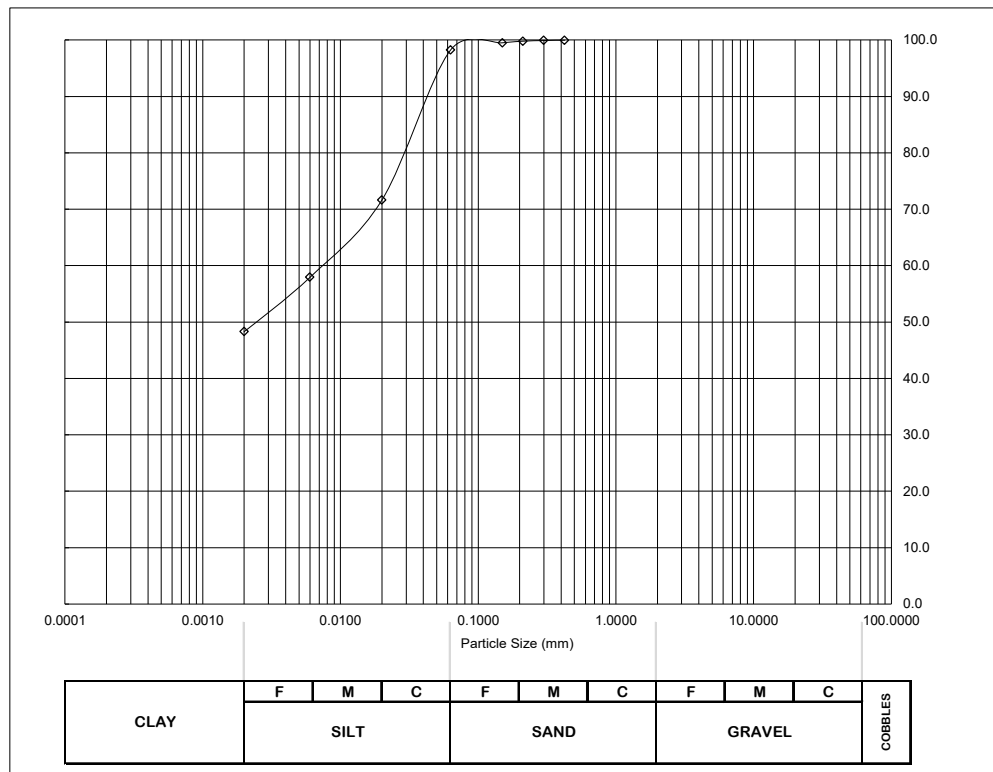
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT 62	Top Depth: 26.50 m		Bottom Depth: 26.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	99
0.063	98

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	72
0.006	58
0.002	48



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.8
Silt	49.9
Clay	48.3



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 24/08/2021		
Date - sample testing commenced : 18/10/2021	Checked / Approved by: KM	
Date - sample testing completed : 22/10/2021	Date Approved: 10/11/2021	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

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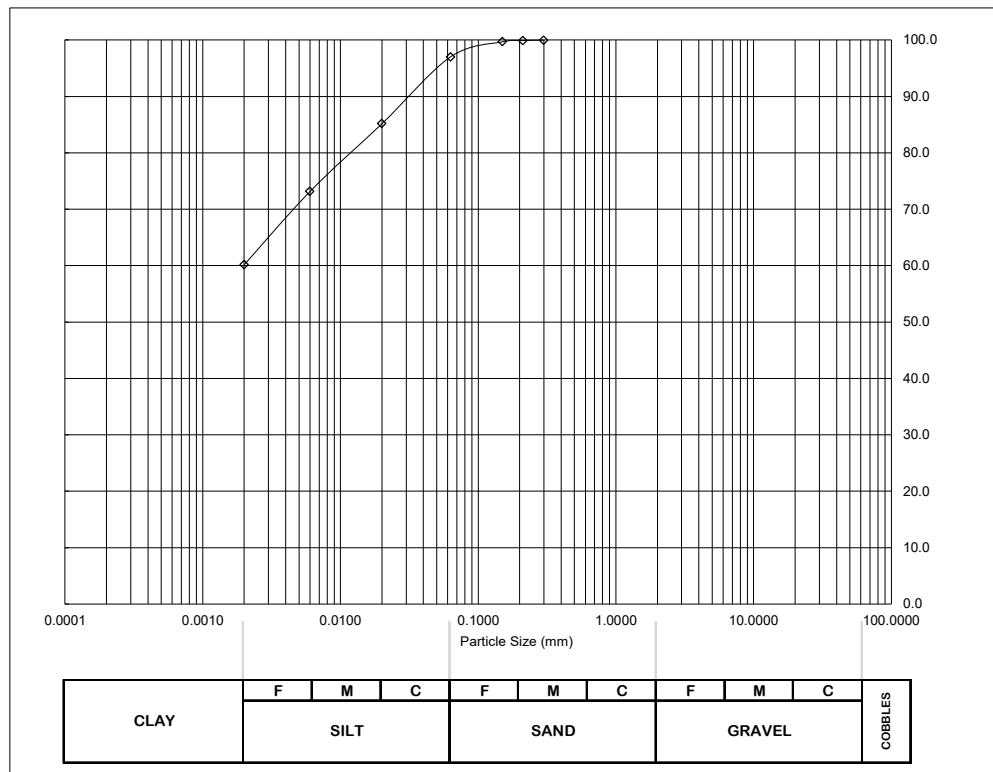
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021
Borehole No:	BH101	Sample Type/No.	U 65
		Top Depth:	27.50 m
		Bottom Depth:	27.95 m

Soil Description:

Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with 1No 40mm pocket of claystone fragments (<25mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	85
0.006	73
0.002	60



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	3.0
Silt	36.9
Clay	60.1



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021
Date - sample testing commenced :	18/10/2021
Date - sample testing completed :	22/10/2021

Checked / Approved by:	KM
Date Approved:	10/11/2021

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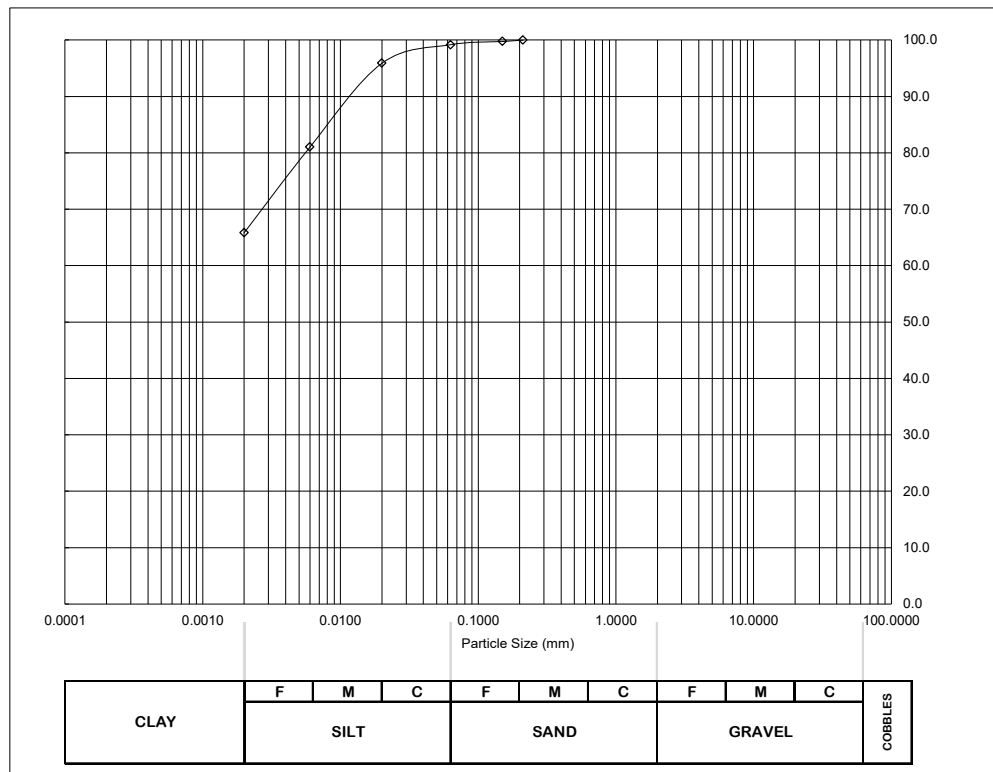
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT 67	Top Depth: 28.00 m		Bottom Depth: 28.45 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	96
0.006	81
0.002	66



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.8
Silt	33.4
Clay	65.8



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	18/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	26/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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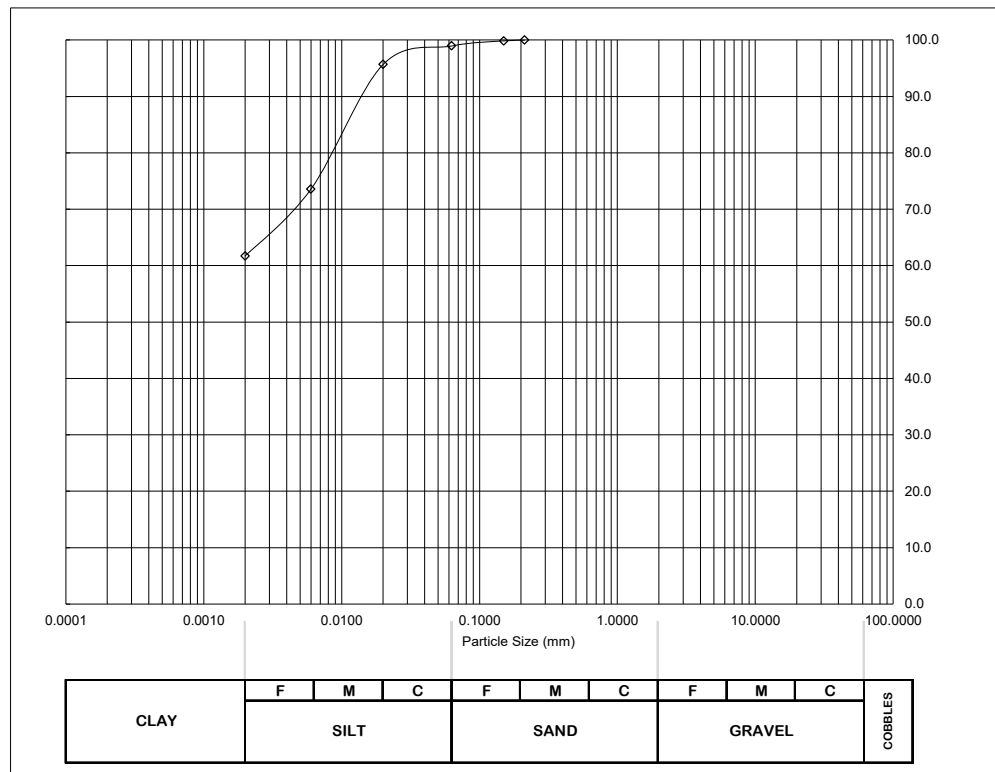
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021
Borehole No:	BH101	Sample Type/No.	U 70
		Top Depth:	29.00 m
		Bottom Depth:	29.45 m

Soil Description:

Very stiff, extremely closely fissured slightly micaceous silty CLAY with rare partings of silty sand (<2mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	96
0.006	74
0.002	62



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.0
Silt	37.3
Clay	61.7



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	18/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	26/10/2021		
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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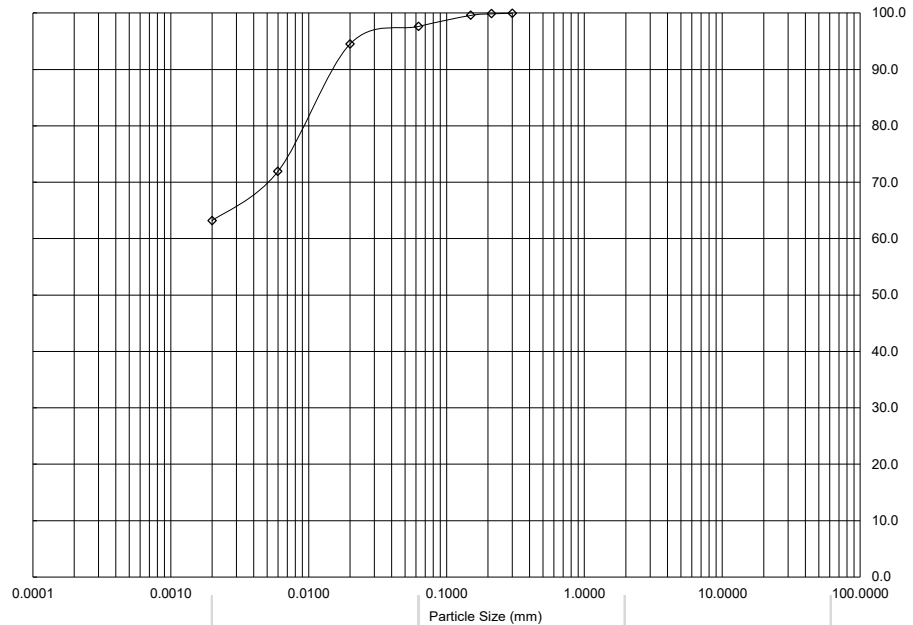
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT 72	Top Depth: 29.50 m		Bottom Depth: 29.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with rare pockets of sand (<30mm) and 1No 45mm pocket of claystone fragments (<25mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	98

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	94
0.006	72
0.002	63



CLAY	F	M	C	F	M	C	F	M	C	GRAVEL	COBBLES

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	2.4
Silt	34.4
Clay	63.2



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	18/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	26/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS

PARTICLE SIZE DISTRIBUTION

TEST REPORT

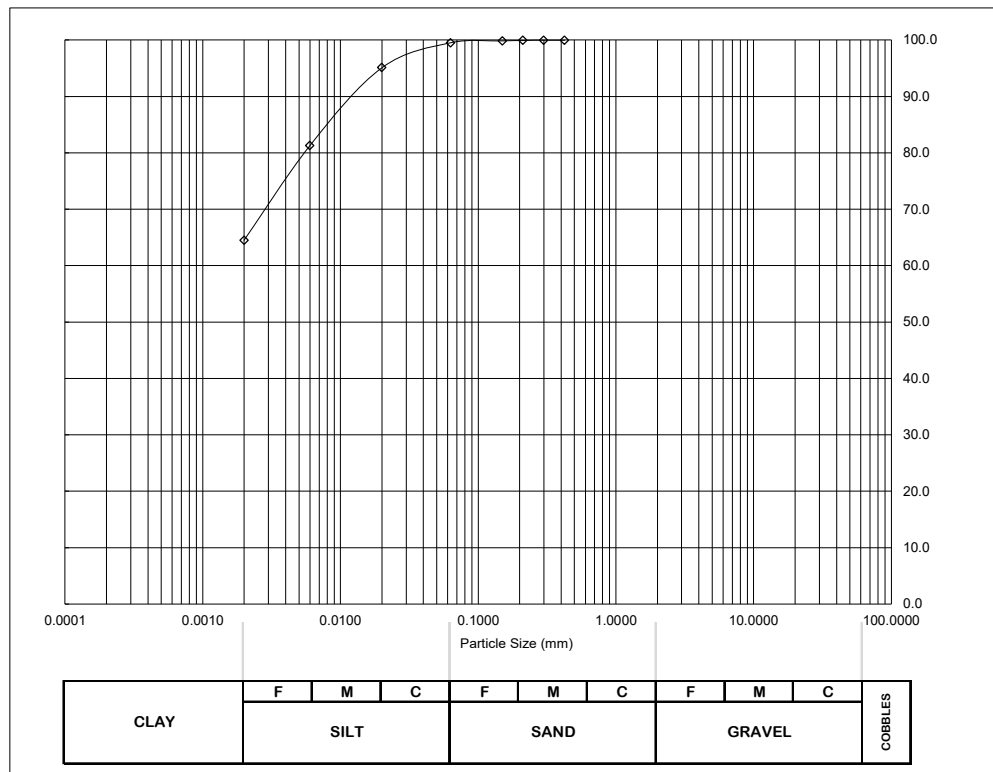
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. U 75	Top Depth: 30.50 m		Bottom Depth: 30.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	100

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	95
0.006	81
0.002	64



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.5
Silt	35.0
Clay	64.5



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 24/08/2021			
Date - sample testing commenced : 18/10/2021		Checked / Approved by: KM	
Date - sample testing completed : 26/10/2021		Date Approved: 10/11/2021	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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PARTICLE SIZE DISTRIBUTION

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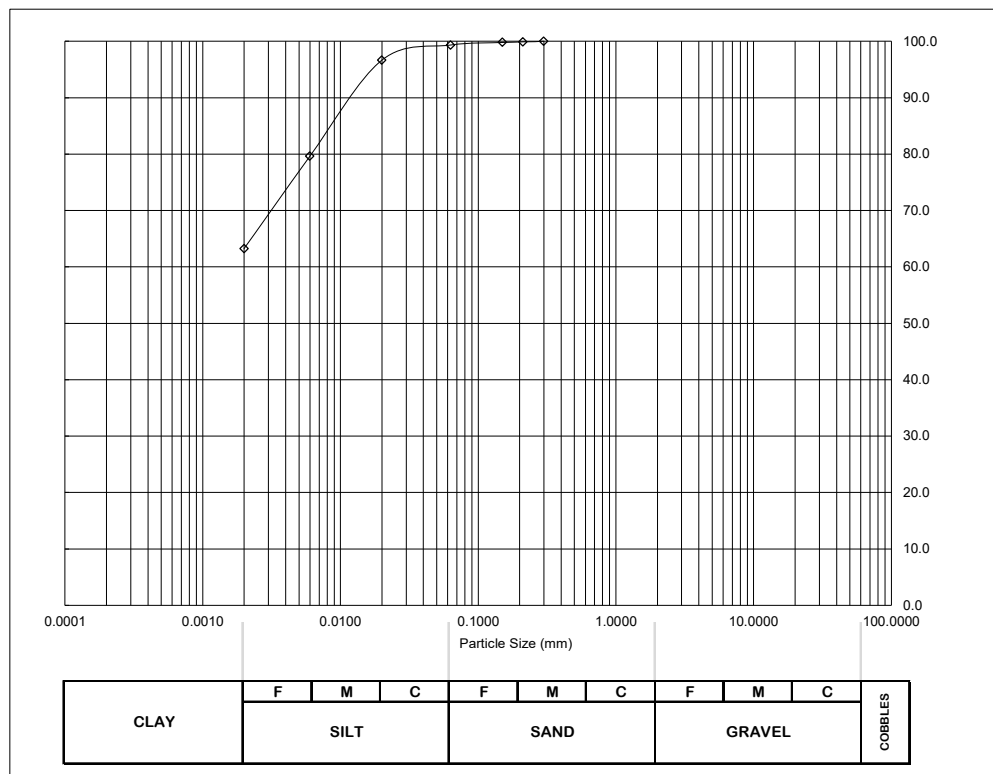
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCl Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT 77	Top Depth: 31.00 m		Bottom Depth: 31.45 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	97
0.006	80
0.002	63



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.7
Silt	36.1
Clay	63.2



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	18/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	27/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

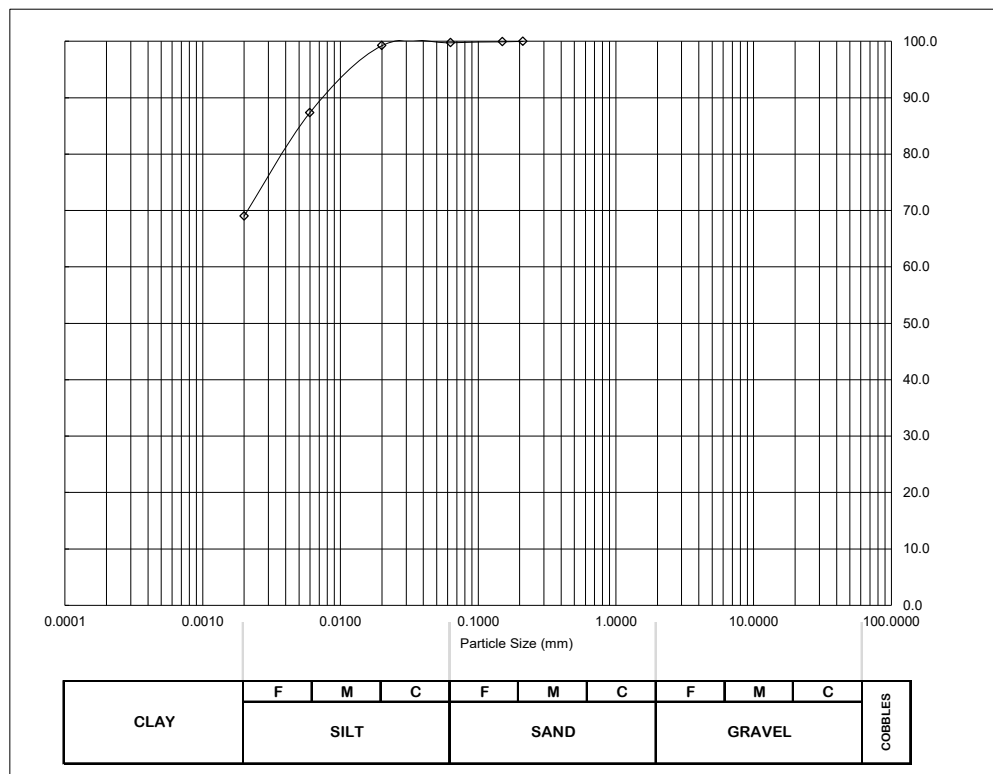
Site Name: L4 Colt DCS Data Centre			Job Number: 21/3600	
Client: HDCI Hayes London Limited			Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. U 80	Top Depth: 32.00 m	Bottom Depth: 32.45 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	100

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	99
0.006	87
0.002	69



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.2
Silt	30.8
Clay	69.0



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by: KM Date Approved: 10/11/2021
Date - sample testing commenced :	18/10/2021	
Date - sample testing completed :	27/10/2021	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

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PARTICLE SIZE DISTRIBUTION

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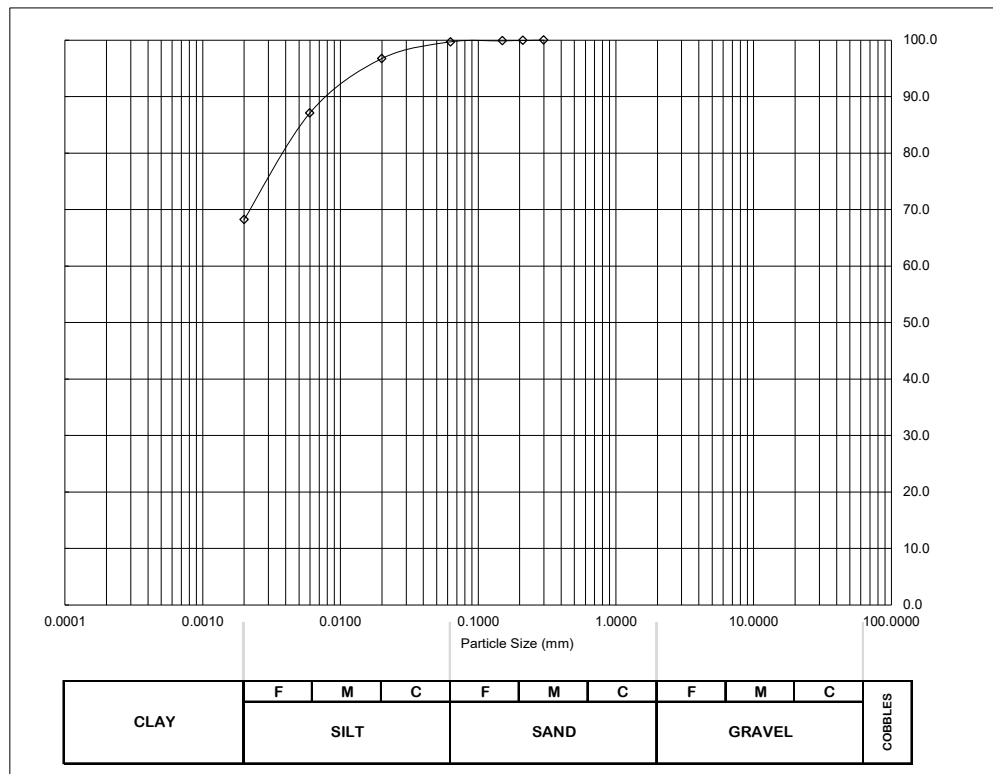
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT 82	Top Depth: 32.50 m		Bottom Depth: 32.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	100

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	97
0.006	87
0.002	68



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.3
Silt	31.4
Clay	68.2



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	18/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	27/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

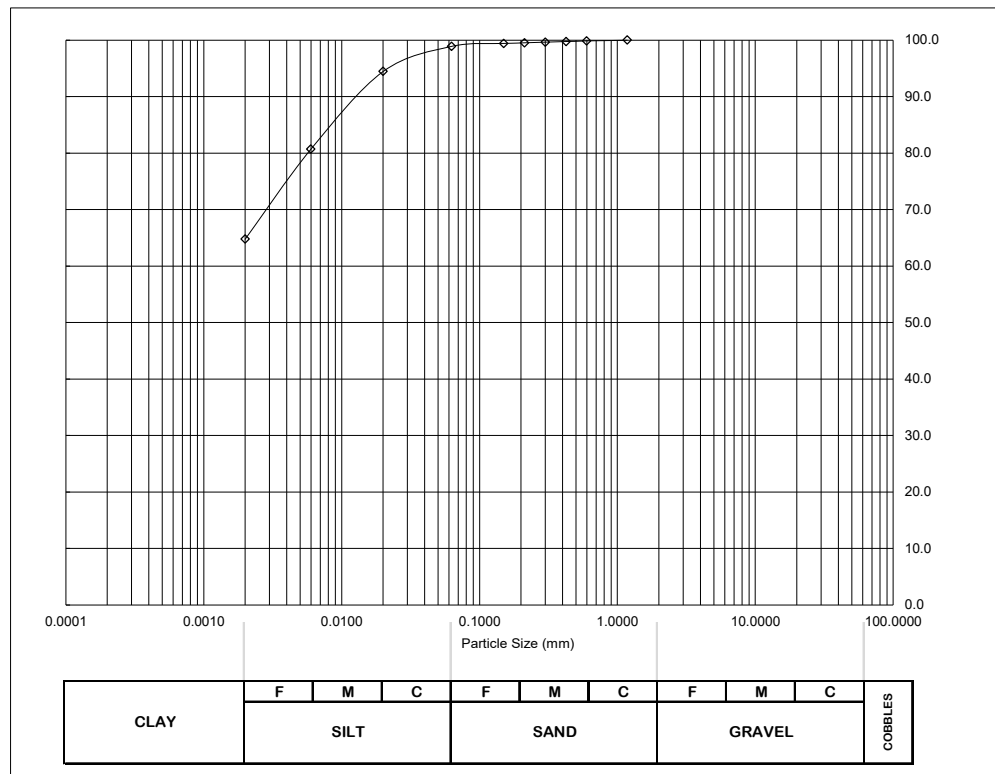
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. U	86	Top Depth: 33.50 m	Bottom Depth: 33.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare partings of sand (<1mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	99
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	94
0.006	81
0.002	65



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.1
Silt	34.1
Clay	64.8



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by: KM Date Approved: 10/11/2021
Date - sample testing commenced :	18/10/2021	
Date - sample testing completed :	27/10/2021	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

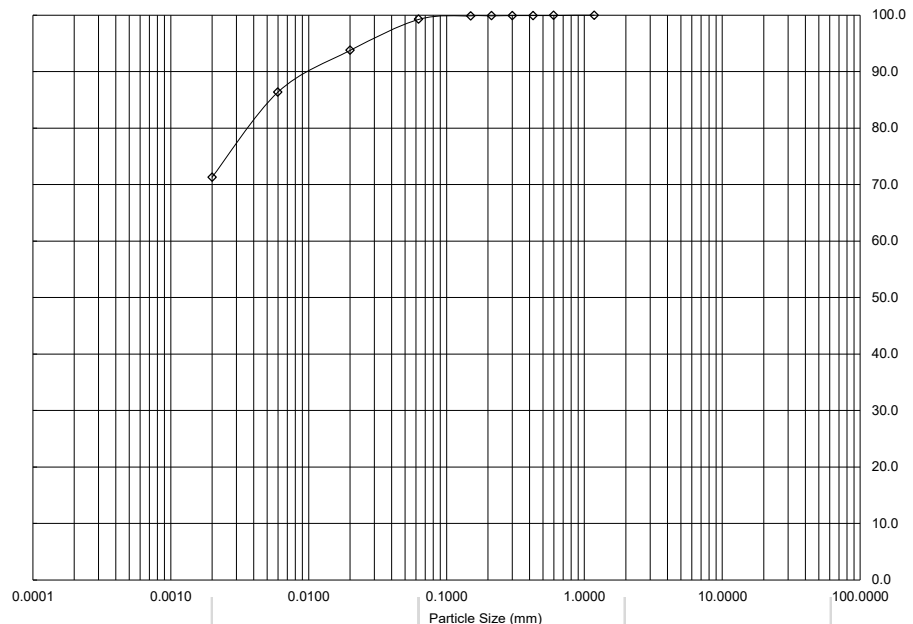
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT 88	Top Depth: 34.00 m		Bottom Depth: 34.45 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pyrite nodules (<10mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	94
0.006	86
0.002	71



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.8
Silt	28.0
Clay	71.3



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	18/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	27/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

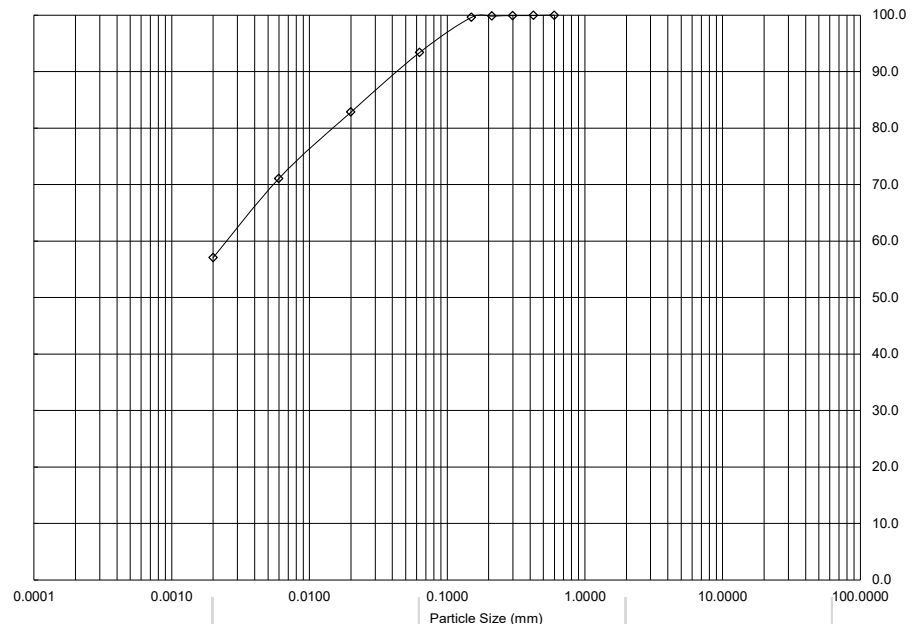
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021
Borehole No:	BH101	Sample Type/No.	U 91
		Top Depth:	35.00 m
		Bottom Depth:	35.45 m

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with occasional partings of sand (<1mm) and occasional pyrite nodules (<10mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	93

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	83
0.006	71
0.002	57



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	6.6
Silt	36.3
Clay	57.1



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021
Date - sample testing commenced :	18/10/2021
Date - sample testing completed :	27/10/2021

Checked / Approved by:	KM
Date Approved:	10/11/2021

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

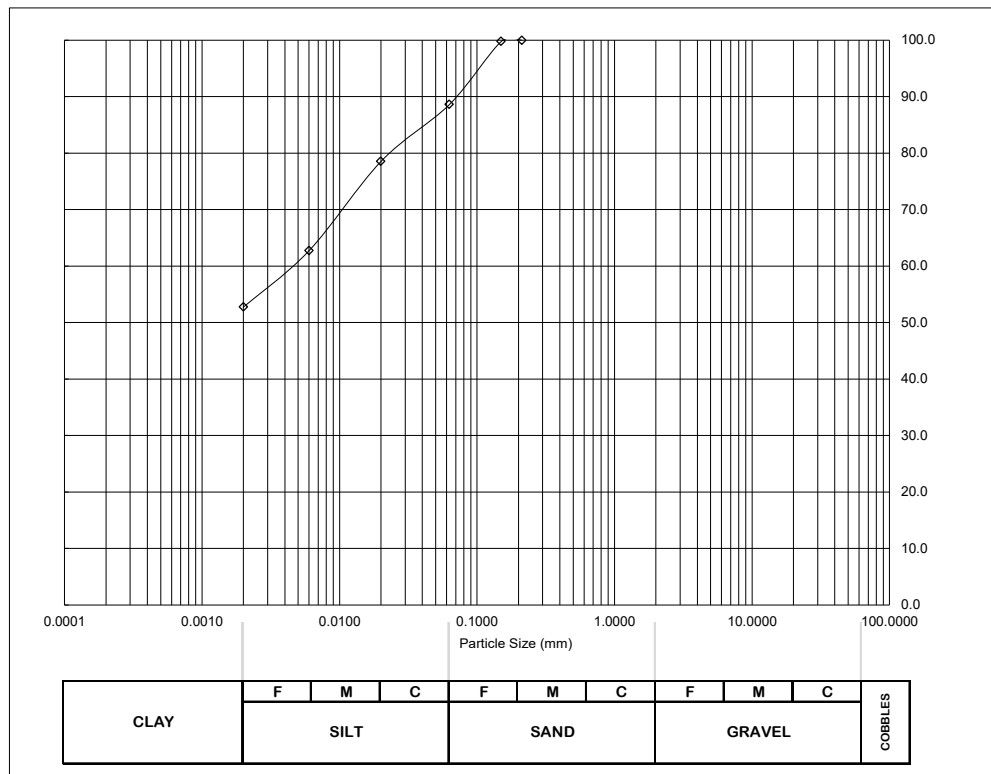
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT 93	Top Depth: 35.50 m		Bottom Depth: 35.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with occasional pockets of sand (<40mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	89

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	79
0.006	63
0.002	53



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	11.4
Silt	35.9
Clay	52.7



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	18/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	27/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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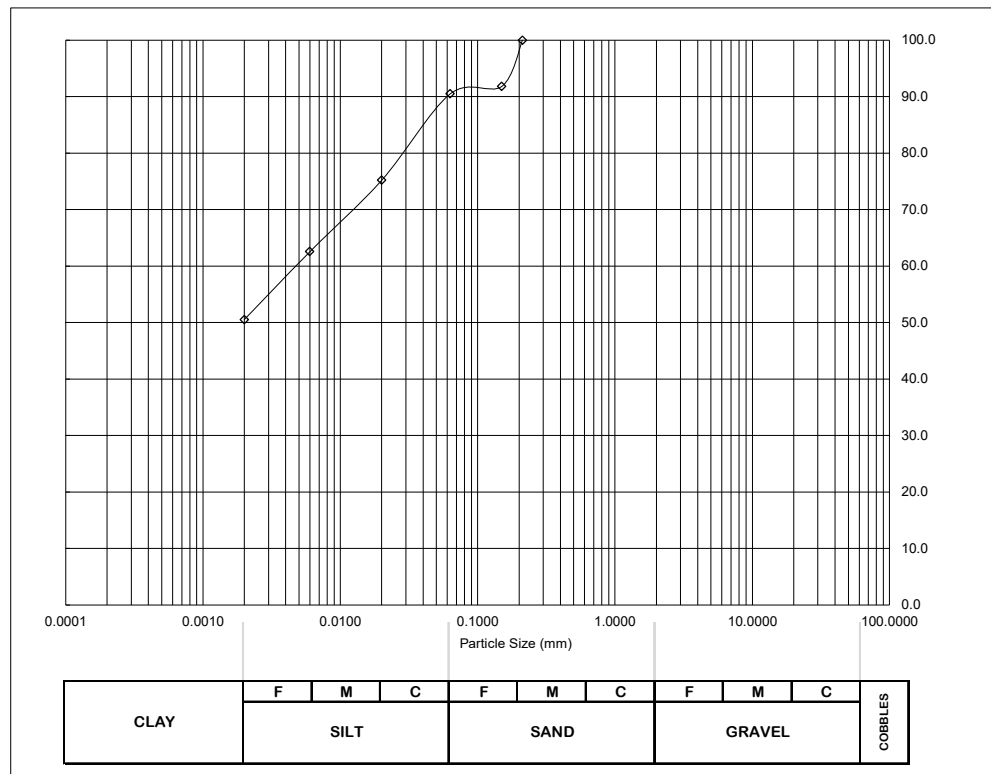
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. U 96	Top Depth: 36.50 m		Bottom Depth: 36.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with 1No 40 pocket of pyrite nodules (<20mm) and rare pockets of silty sand (<30mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	92
0.063	90

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	75
0.006	63
0.002	51



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	9.5
Silt	40.0
Clay	50.5



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	18/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	28/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

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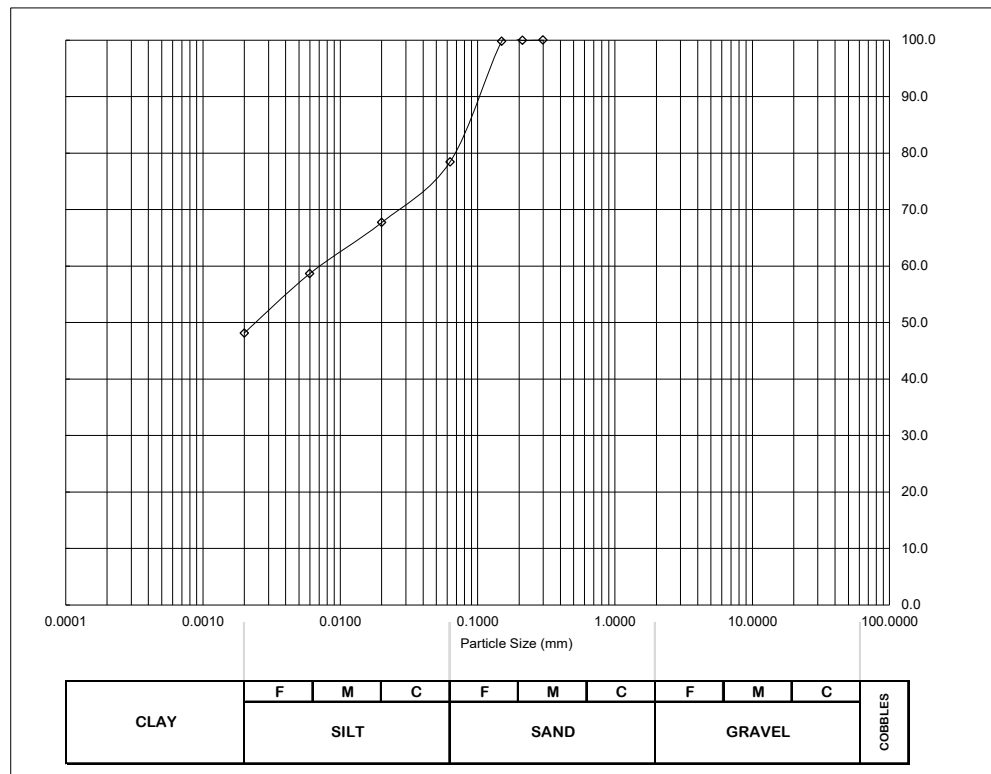
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT 98	Top Depth: 37.00 m		Bottom Depth: 37.45 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with rare pockets of silty sand (<30mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	78

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	68
0.006	59
0.002	48



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	21.6
Silt	30.3
Clay	48.1



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 24/08/2021		
Date - sample testing commenced : 18/10/2021	Checked / Approved by: KM	
Date - sample testing completed : 28/10/2021	Date Approved: 10/11/2021	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

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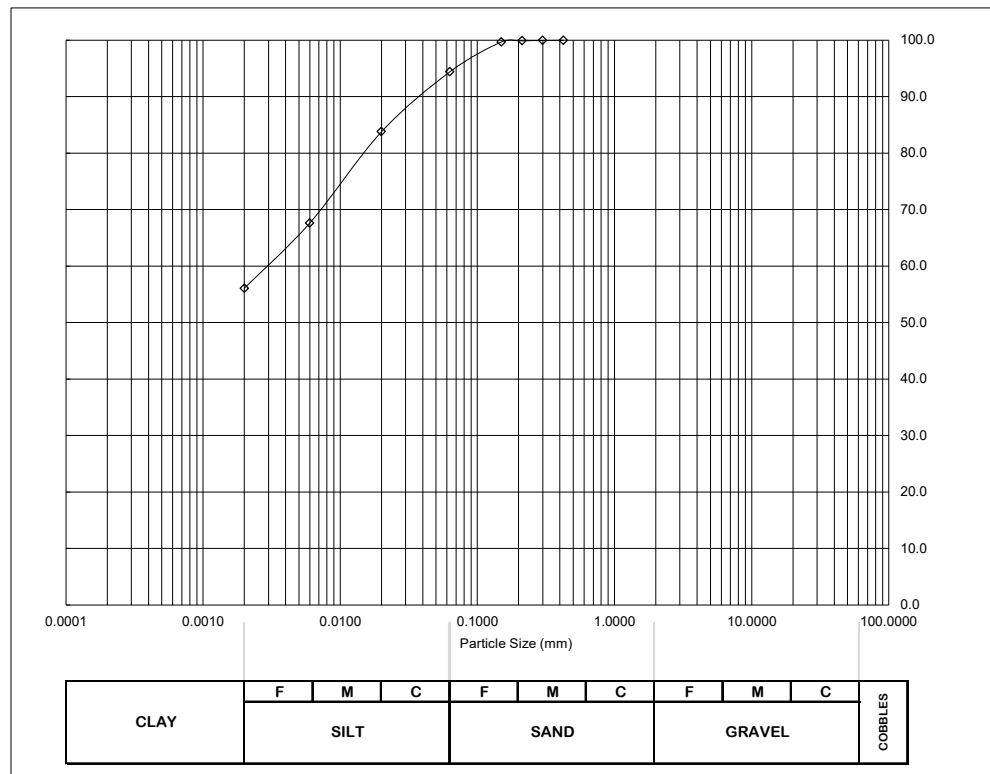
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCl Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT	103	Top Depth: 38.50 m	Bottom Depth: 38.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with rare pockets of sand (<30mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	94

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	84
0.006	68
0.002	56



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	5.6
Silt	38.3
Clay	56.0



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	18/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	28/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

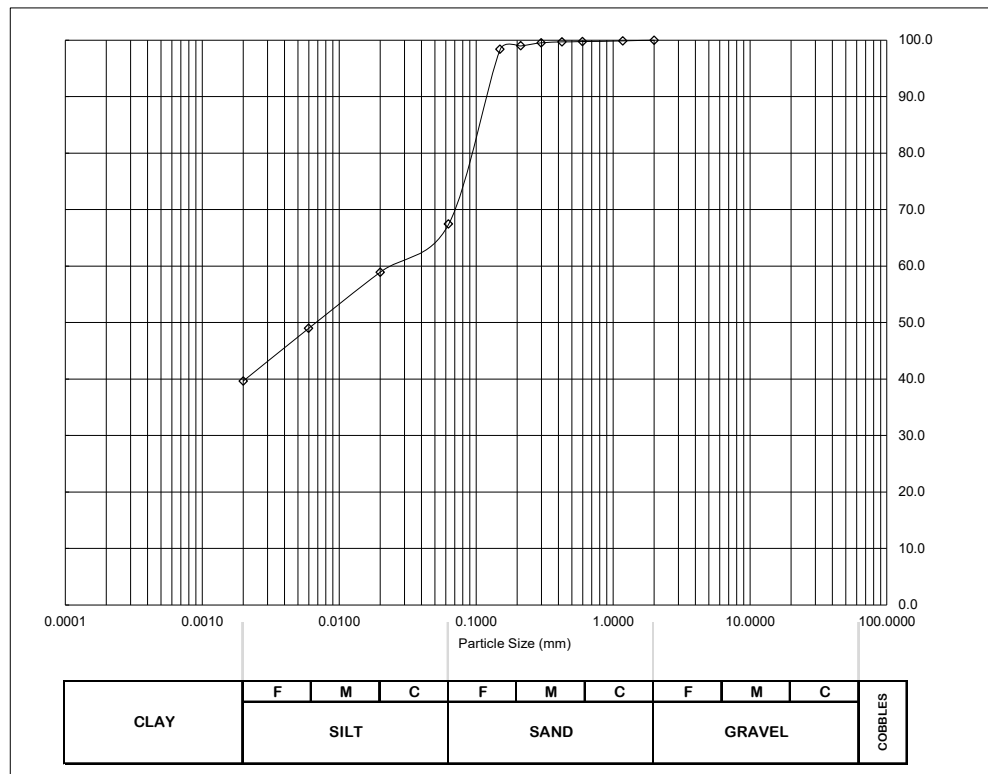
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021
Borehole No:	BH101	Sample Type/No.	U 106
		Top Depth:	39.50 m
		Bottom Depth:	39.95 m

Soil Description:

Stiff, dark grey slightly sandy slightly micaceous silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	99
0.150	98
0.063	67

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	59
0.006	49
0.002	40



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.0
Sand	32.5
Silt	27.8
Clay	39.6



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021
Date - sample testing commenced :	18/10/2021
Date - sample testing completed :	28/10/2021

Checked / Approved by:	KM
Date Approved:	10/11/2021

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

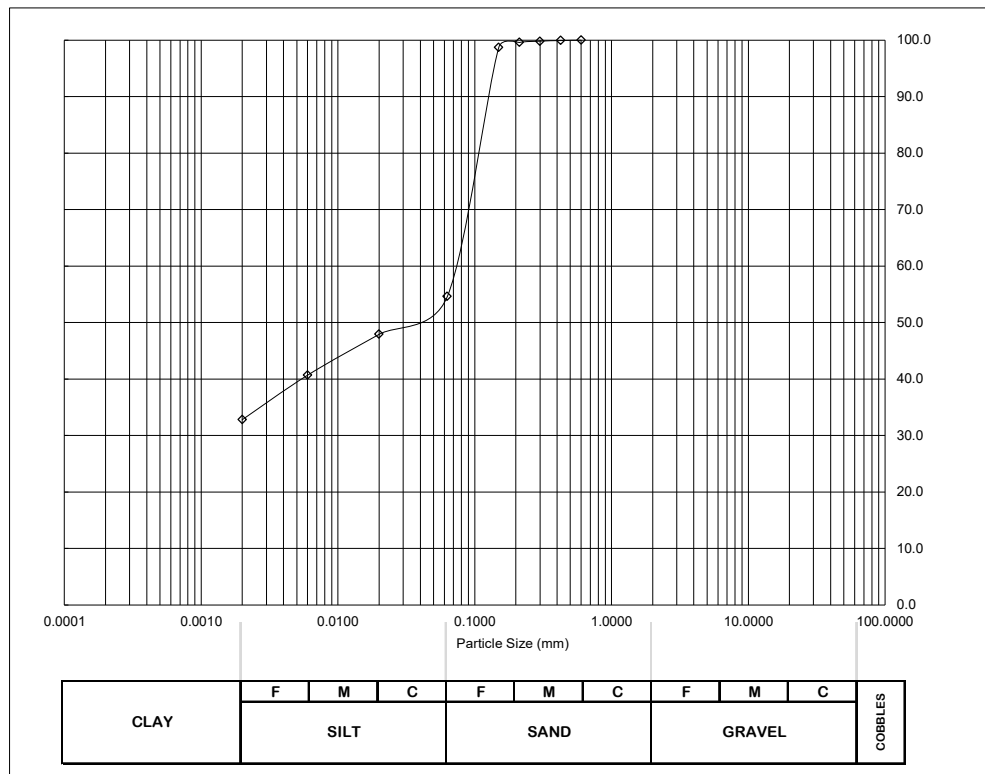
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT 108	Top Depth: 40.00 m		Bottom Depth: 40.45 m	

Soil Description:

Stiff, very closely fissured dark grey sandy slightly micaceous silty CLAY with occasional partings of sand, becoming firm at 40.29m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	99
0.063	55

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	48
0.006	41
0.002	33



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	45.4
Silt	21.8
Clay	32.8



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021		
Date - sample testing commenced :	18/10/2021	Checked / Approved by:	KM
Date - sample testing completed :	28/10/2021	Date Approved:	10/11/2021
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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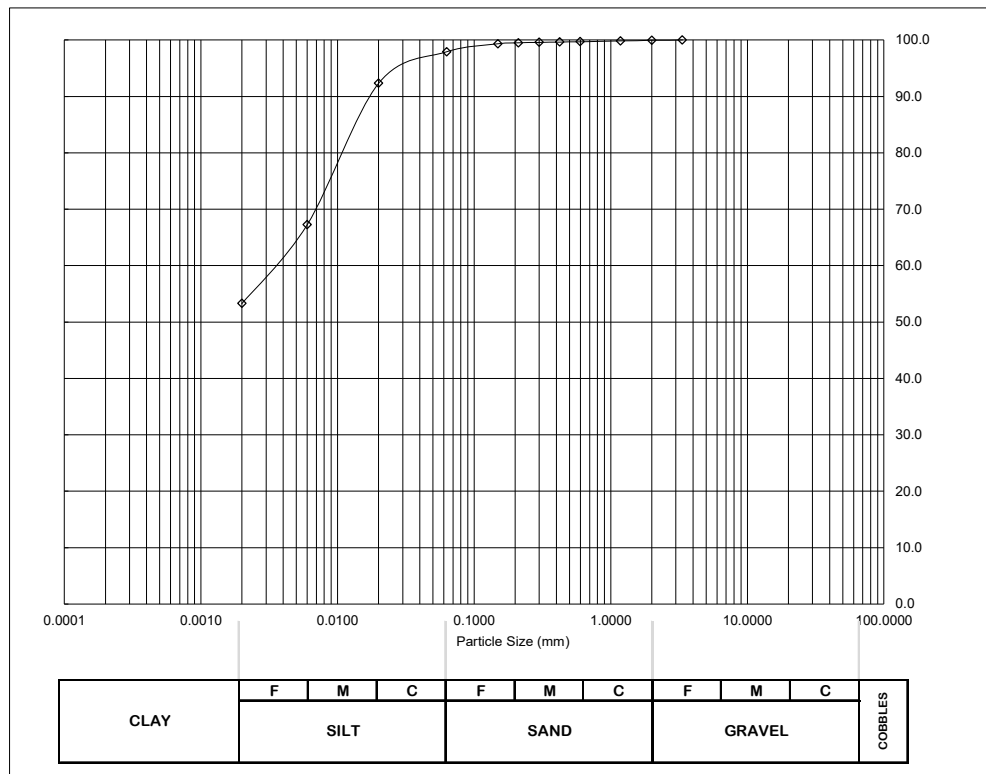
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. U	111	Top Depth: 41.00 m	Bottom Depth: 41.45 m	

Soil Description:

Firm, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pockets of sand (<30mm), becoming stiff at 41.12m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	99
0.150	99
0.063	98

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	92
0.006	67
0.002	53



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.1
Sand	2.0
Silt	44.6
Clay	53.3



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021		
Date - sample testing commenced :	18/10/2021	Checked / Approved by:	KM
Date - sample testing completed :	28/10/2021	Date Approved:	10/11/2021
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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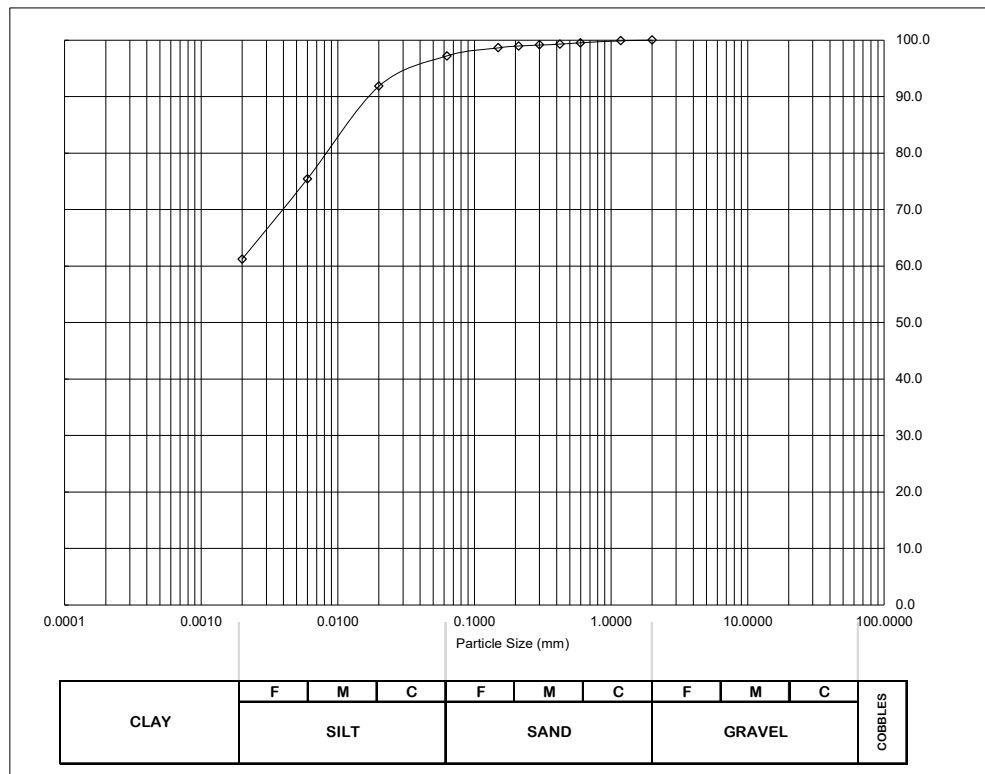
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT	113	Top Depth: 41.50 m	Bottom Depth: 41.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey mottled orange slightly micaceous silty CLAY with occasional pyrite nodules (<20mm) and occasional pockets of sand (<30mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	99
0.300	99
0.212	99
0.150	99
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	92
0.006	75
0.002	61



Method/type: Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	2.8
Silt	36.0
Clay	61.2



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 24/08/2021	
Date - sample testing commenced: 18/10/2021	Checked / Approved by: KM
Date - sample testing completed: 28/10/2021	Date Approved: 10/11/2021

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

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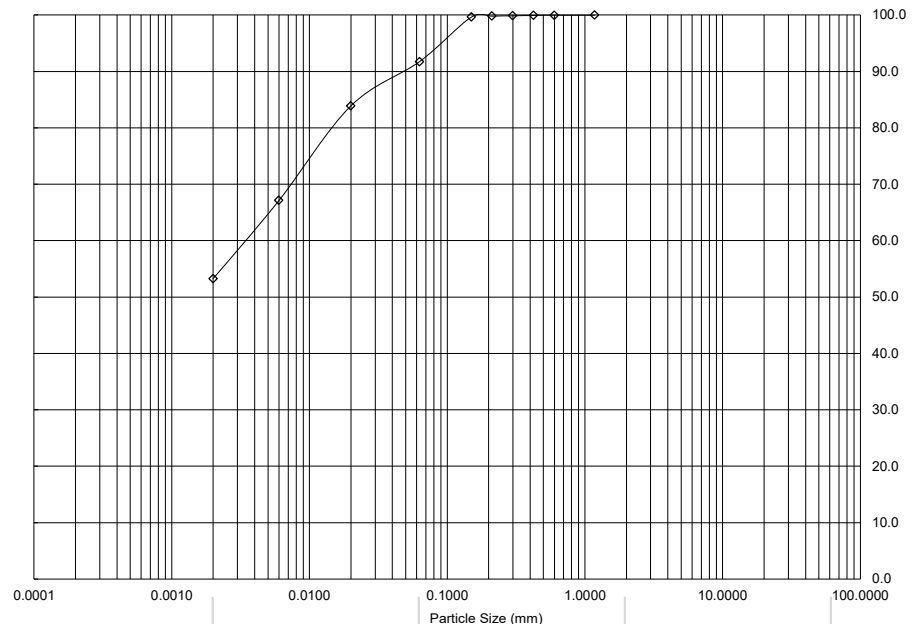
Site Name: L4 Colt DCS Data Centre			Job Number: 21/3600	
Client: HDCI Hayes London Limited			Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. U 116	Top Depth: 42.50 m	Bottom Depth: 42.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with occasional pockets of sand (<30mm) and rare pyrite nodules (<6mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	92

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	84
0.006	67
0.002	53



CLAY	F	M	C	F	M	C	F	M	C	GRAVEL	COBBLES
	SILT			SAND							

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	8.3
Silt	38.5
Clay	53.2



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	20/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	28/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

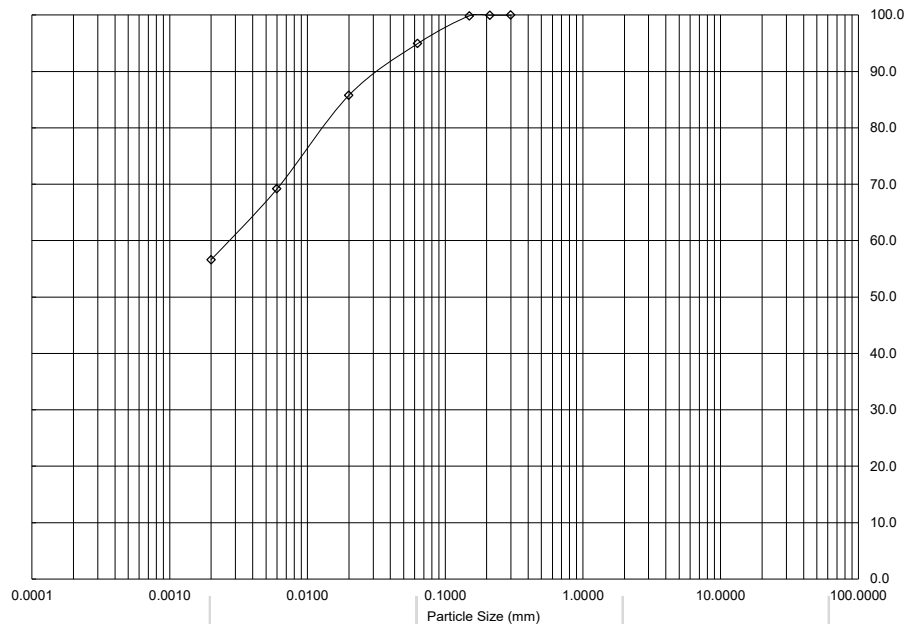
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. UT	118	Top Depth: 43.00 m	Bottom Depth: 43.45 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly sandy slightly micaceous silty CLAY with occasional pockets of sand (<30mm) and occasional pyrite nodules (<15mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	95

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	86
0.006	69
0.002	57



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type: Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	5.1
Silt	38.3
Clay	56.6



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 24/08/2021	
Date - sample testing commenced: 20/10/2021	Checked / Approved by: KM
Date - sample testing completed: 28/10/2021	Date Approved: 10/11/2021

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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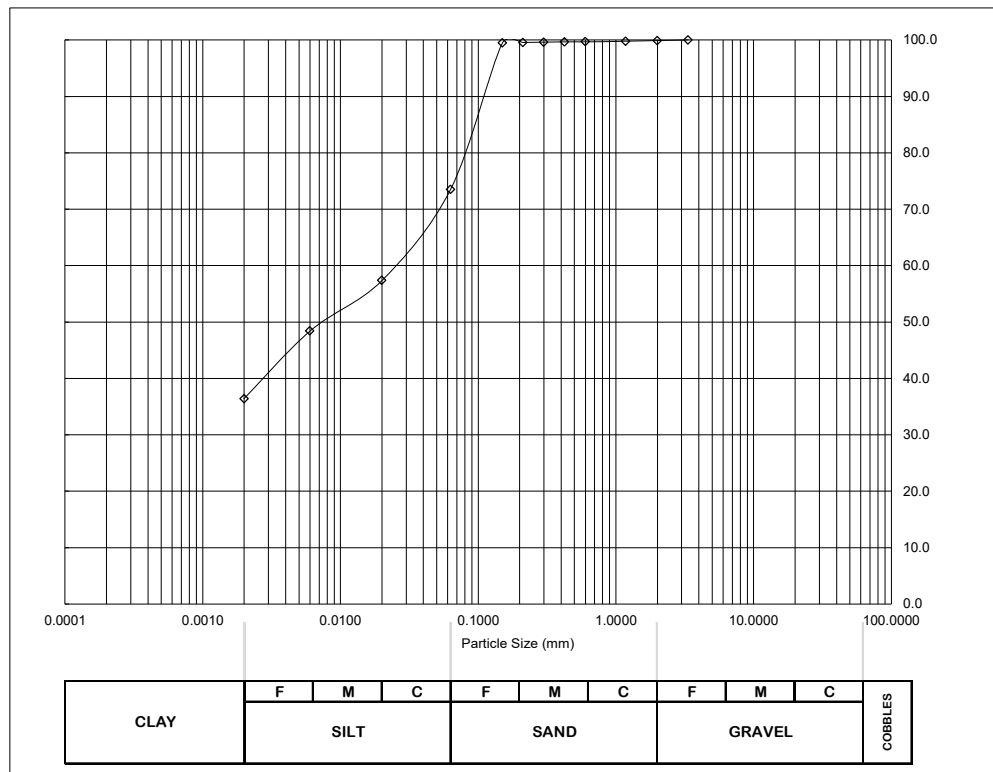
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 10/11/2021	
Borehole No: BH101	Sample Type/No. U	121	Top Depth: 44.00 m	Bottom Depth: 44.45 m	

Soil Description:

Very stiff, dark grey slightly sandy slightly micaceous silty CLAY with occasional shell fragments (<20mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	99
0.063	73

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	57
0.006	48
0.002	36



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.1
Sand	26.4
Silt	37.1
Clay	36.4



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	20/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	28/10/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

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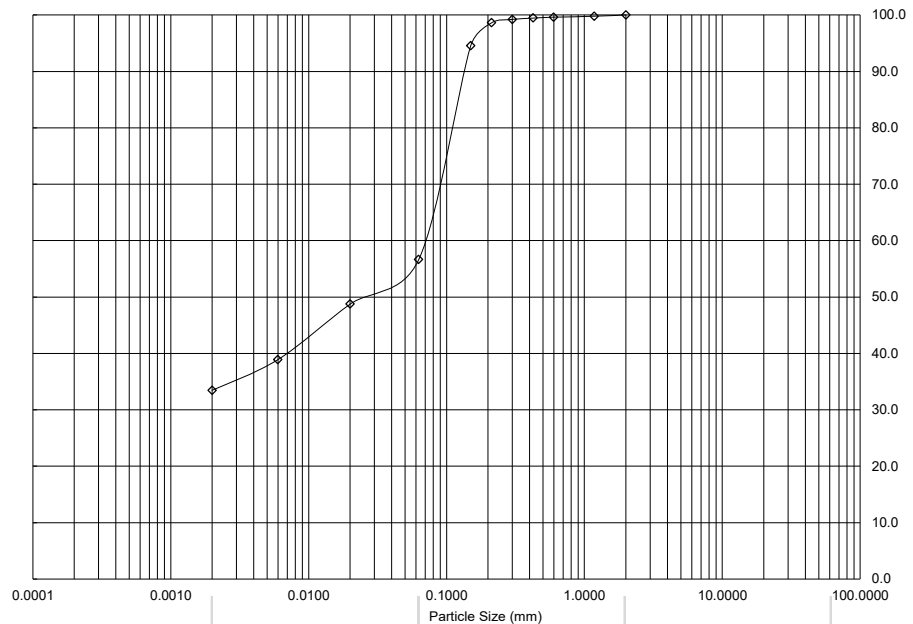
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	10/11/2021
Borehole No:	BH101	Sample Type/No.	UT 123
		Top Depth:	44.50 m
		Bottom Depth:	44.95 m

Soil Description:

Very stiff, extremely closely fissured dark grey sandy slightly micaceous silty CLAY with occasional partings of sand and occasional pockets of shell fragments (<40mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	99
0.300	99
0.212	99
0.150	95
0.063	57

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	49
0.006	39
0.002	33



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.0
Sand	43.3
Silt	23.2
Clay	33.4



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	24/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	20/10/2021	Date Approved:	10/11/2021
Date - sample testing completed :	28/10/2021		
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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PARTICLE SIZE DISTRIBUTION

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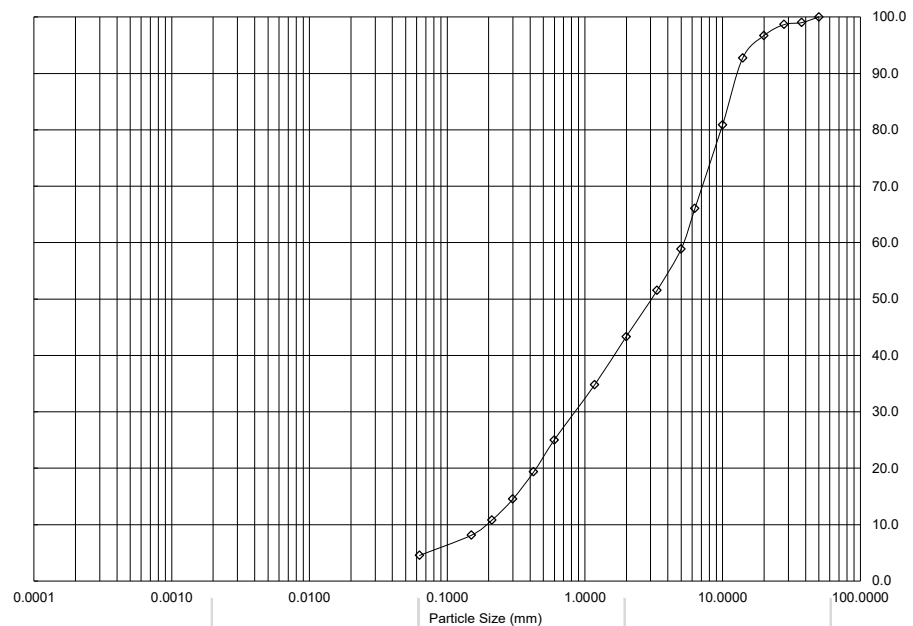
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	04/02/2022
Borehole No:	BH102B	Sample Type/No.	B 9
Top Depth:	2.00 m	Bottom Depth:	m

Soil Description:

Brownish grey very sandy GRAVEL with rare pockets of clay. Gravel comprises fine to coarse concrete and bricks fragments

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	99
28.000	99
20.000	97
14.000	93
10.000	81
6.300	66
5.000	59
3.350	52
2.000	43
1.180	35
0.600	25
0.425	19
0.300	15
0.212	11
0.150	8
0.063	5

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	
0.006	
0.002	



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
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Particle Proportions %	
Cobbles	
Gravel	56.7
Sand	38.8
Silt and Clay	4.5



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	11/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	11/11/2021	Date Approved:	02/12/2021
Date - sample testing completed :	19/11/2021		
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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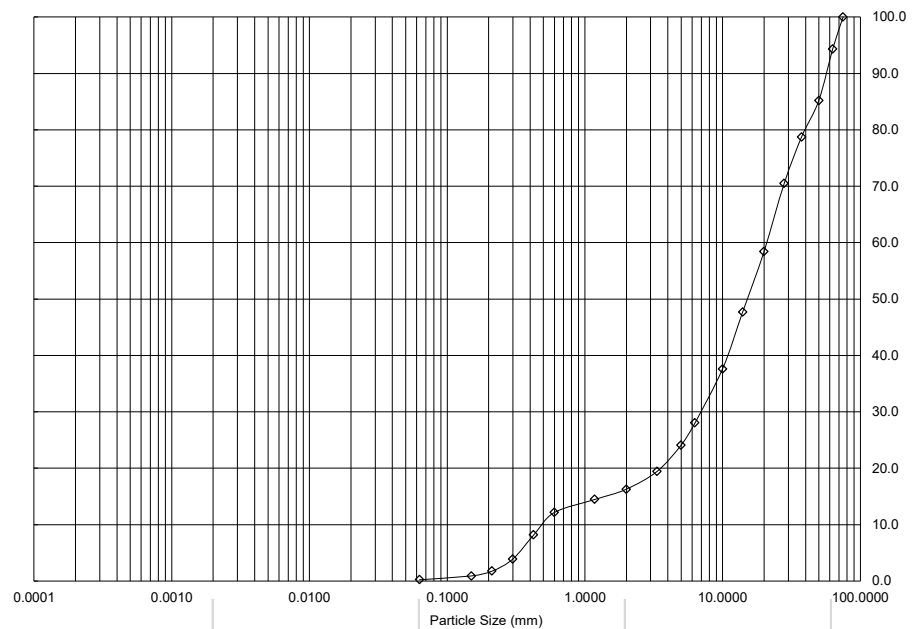
Site Name: L4 Colt DCS Data Centre			Job Number: 21/3600	
Client: HDCI Hayes London Limited			Date Reported: 04/02/2022	
Borehole No: BH102B	Sample Type/No. B 14	Top Depth: 4.50 m	Bottom Depth: 5.00 m	

Soil Description:

Orangish brown sandy fine to coarse flint GRAVEL with low cobble content

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	94
50.000	85
37.500	79
28.000	70
20.000	58
14.000	48
10.000	38
6.300	28
5.000	24
3.350	19
2.000	16
1.180	14
0.600	12
0.425	8
0.300	4
0.212	2
0.150	1
0.063	0

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	
0.006	
0.002	



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type: Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
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Particle Proportions %	
Cobbles	5.7
Gravel	78.1
Sand	16.0
Silt and Clay	0.2



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 11/10/2021		
Date - sample testing commenced: 31/01/2022	Checked / Approved by: KM	
Date - sample testing completed: 31/01/2022	Date Approved: 04/02/2022	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

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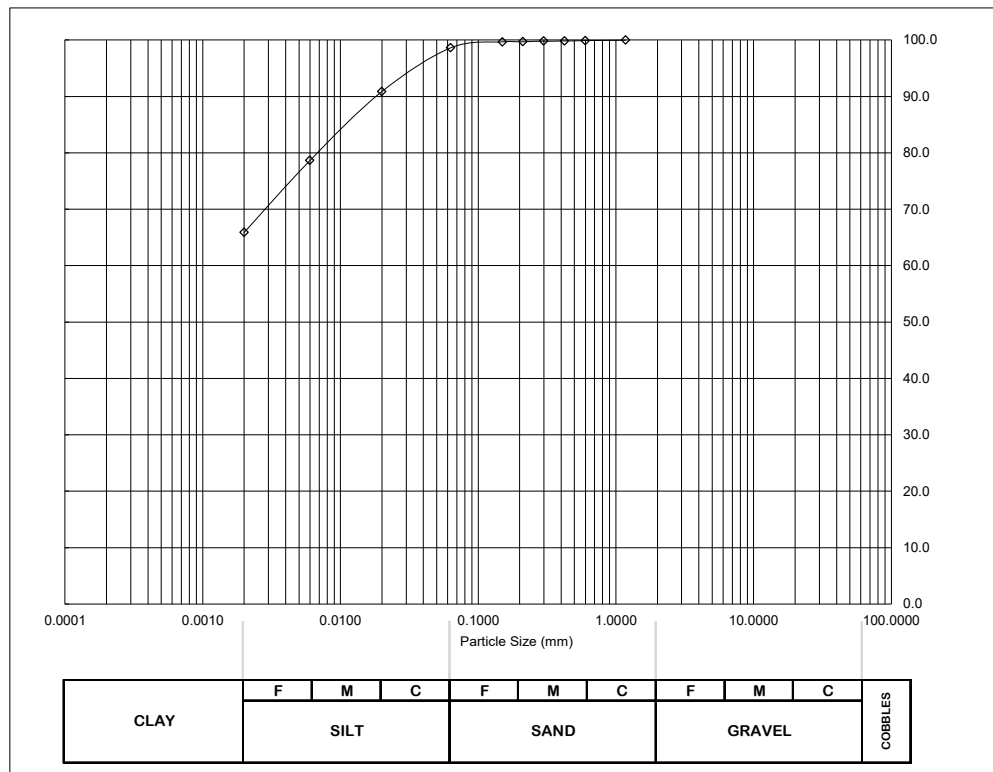
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	31/01/2022
Borehole No:	BH102B	Sample Type/No.	UT 21
		Top Depth:	7.00 m
		Bottom Depth:	7.45 m

Soil Description:

Firm very closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and rare pyrite nodules (<20mm) becoming stiff at 7.10m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	91
0.006	79
0.002	66



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.4
Silt	32.7
Clay	65.9



4503

Remarks: Pyrite nodules - not in test sample

The results reported relate only to the items tested or sampled.

Date - samples received:	11/10/2021
Date - sample testing commenced :	20/01/2022
Date - sample testing completed :	21/01/2022

Checked / Approved by:	KM
Date Approved:	31/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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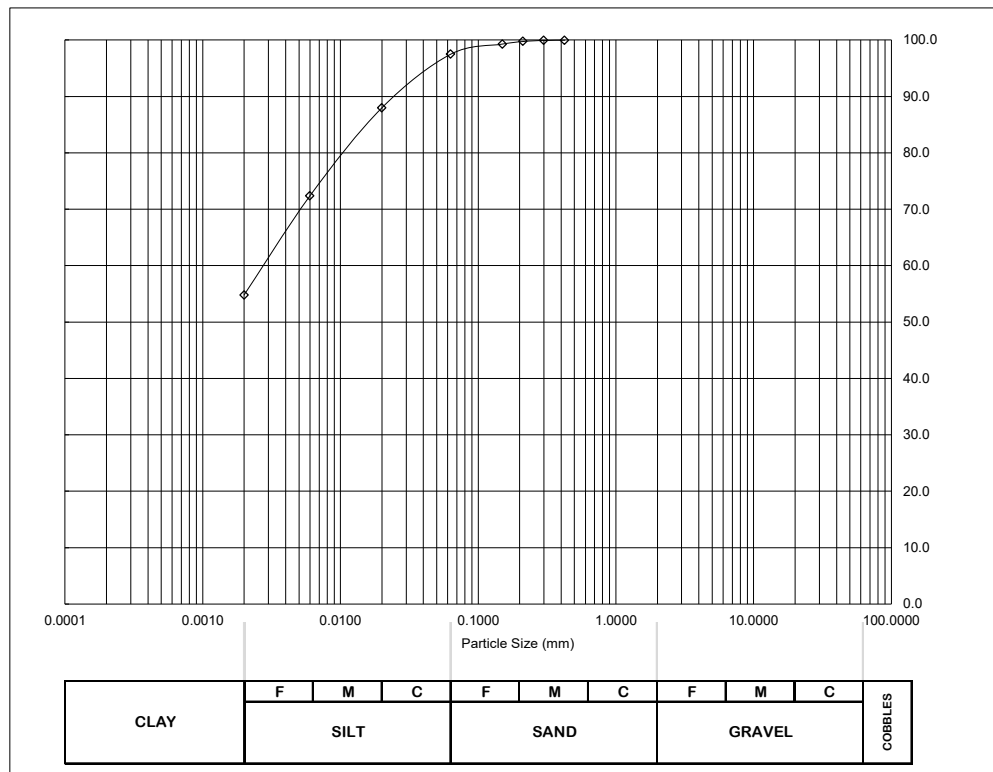
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 31/01/2022	
Borehole No: BH102B	Sample Type/No: U	29	Top Depth: 9.50 m	Bottom Depth: 9.95 m	

Soil Description:

Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<3mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	99
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	88
0.006	72
0.002	55



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	2.5
Silt	42.7
Clay	54.8



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	11/10/2021	
Date - sample testing commenced :	20/01/2022	Checked / Approved by: KM
Date - sample testing completed :	21/01/2022	Date Approved: 31/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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TEST REPORT

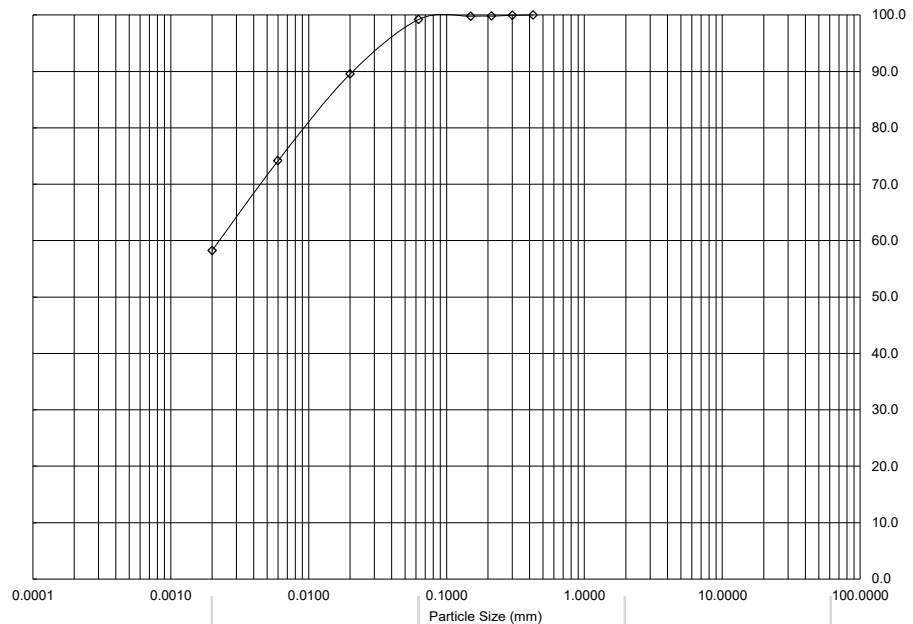
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 31/01/2022	
Borehole No: BH102B	Sample Type/No. UT	40	Top Depth: 13.00 m	Bottom Depth: 13.45 m	

Soil Description:

Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) becoming very stiff at 13.06m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	90
0.006	74
0.002	58



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.8
Silt	41.0
Clay	58.3



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	11/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	20/01/2022	Date Approved:	31/01/2022
Date - sample testing completed :	21/01/2022		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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CONCEPT SITE INVESTIGATIONS

PARTICLE SIZE DISTRIBUTION

TEST REPORT

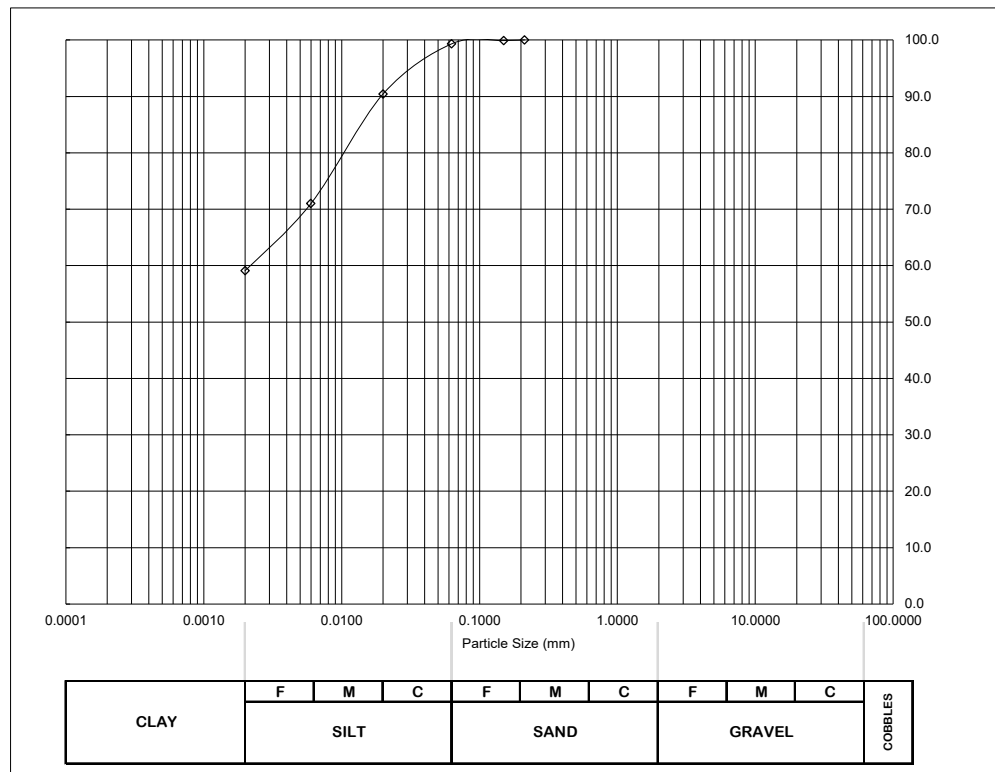
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	31/01/2022
Borehole No:	BH102B	Sample Type/No.	UT 45
		Top Depth:	14.50 m
		Bottom Depth:	14.95 m

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	90
0.006	71
0.002	59



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.7
Silt	40.3
Clay	59.1



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	11/10/2021
Date - sample testing commenced :	20/01/2022
Date - sample testing completed :	22/01/2022
Checked / Approved by:	KM
Date Approved:	31/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)	

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

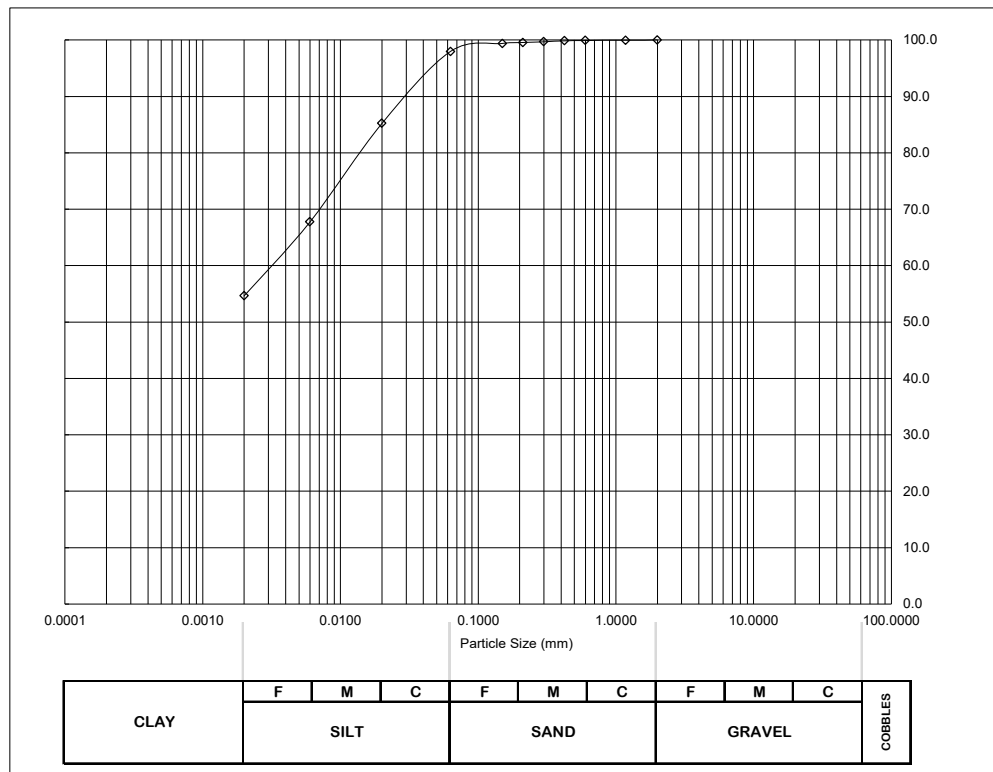
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	31/01/2022
Borehole No:	BH102B	Sample Type/No.	U 51
		Top Depth:	16.00 m
		Bottom Depth:	16.45 m

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and rare pyrite nodules (<20mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	99
0.063	98

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	85
0.006	68
0.002	55



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	2.0
Silt	43.3
Clay	54.6



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	11/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	20/01/2022	Date Approved:	31/01/2022
Date - sample testing completed :	22/01/2022		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

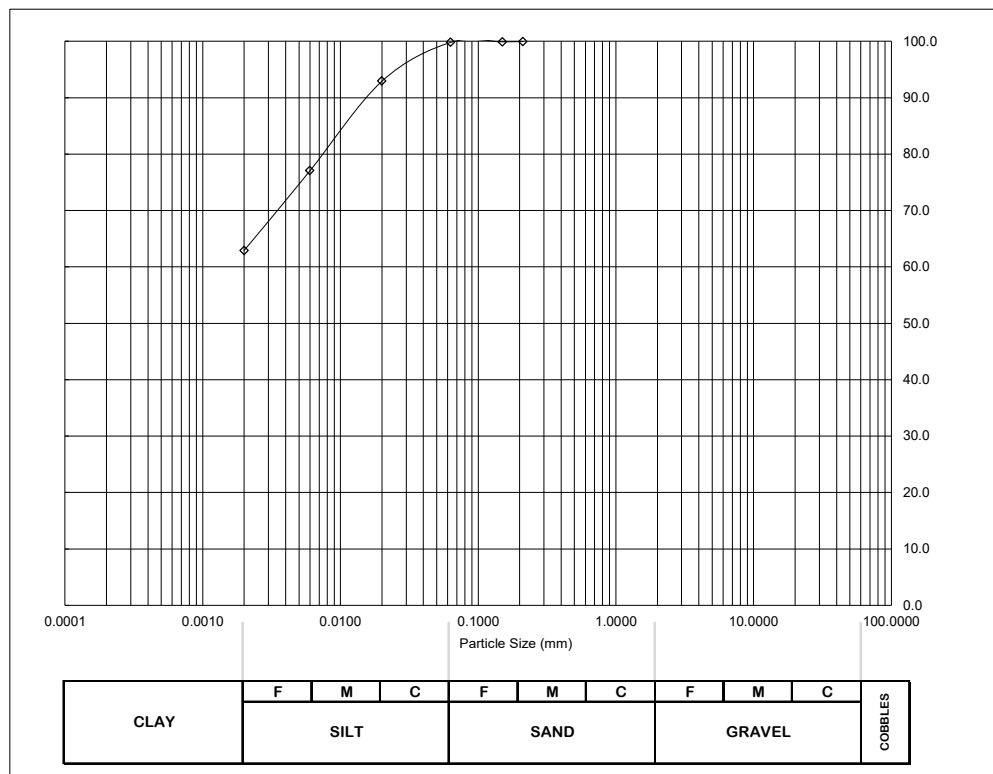
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 31/01/2022	
Borehole No: BH102B	Sample Type/No. U 61	Top Depth: 19.00 m		Bottom Depth: 19.45 m	

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<2mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	100

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	93
0.006	77
0.002	63



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.2
Silt	36.9
Clay	62.9



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	11/10/2021		
Date - sample testing commenced :	20/01/2022	Checked / Approved by:	KM
Date - sample testing completed :	21/01/2022	Date Approved:	31/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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TEST REPORT

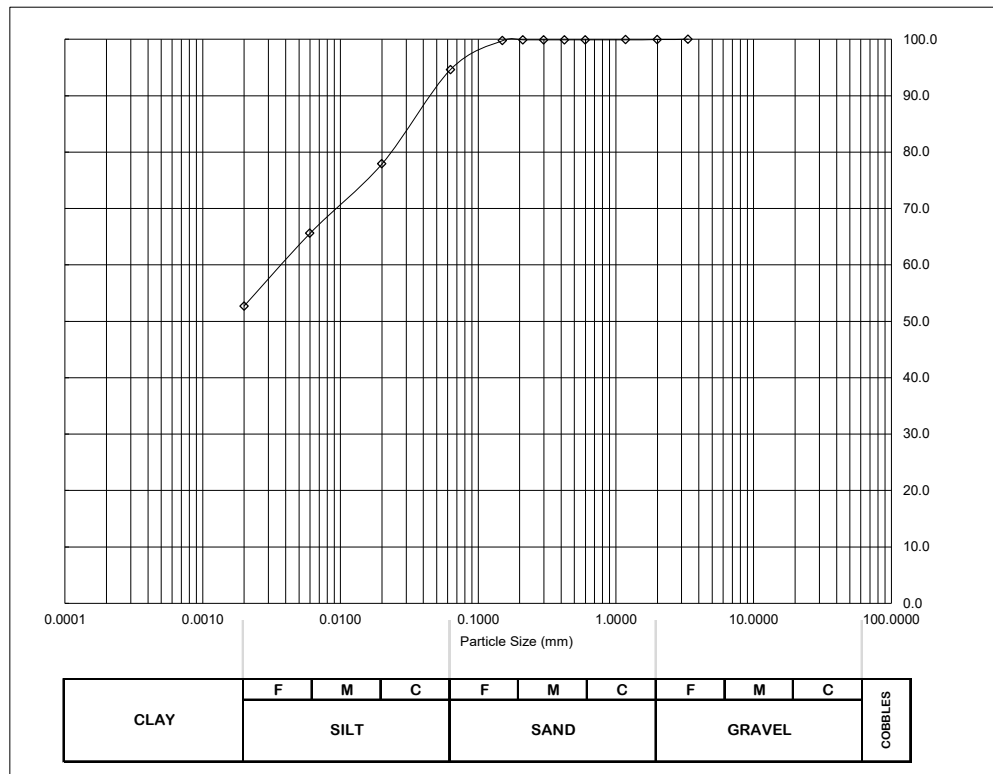
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 31/01/2022	
Borehole No: BH102B	Sample Type/No: UT	67	Top Depth: 21.00 m	Bottom Depth: 21.45 m	

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and rare pyrite nodules (<20mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	95

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	78
0.006	66
0.002	53



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.1
Sand	5.3
Silt	41.9
Clay	52.7



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	11/10/2021	
Date - sample testing commenced :	20/01/2022	Checked / Approved by: KM
Date - sample testing completed :	21/01/2022	Date Approved: 31/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

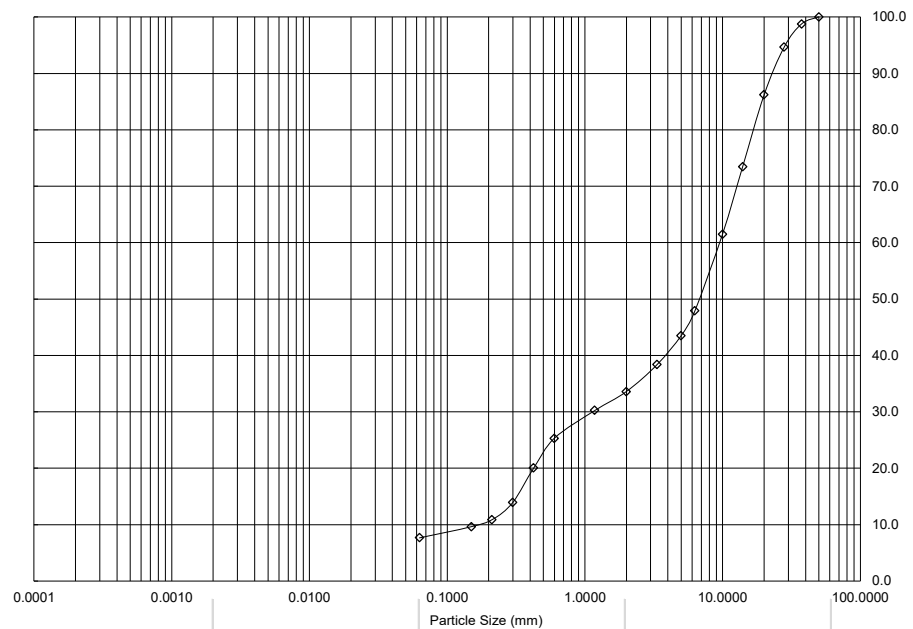
Site Name: L4 Colt DCS Data Centre			Job Number: 21/3600	
Client: HDCI Hayes London Limited			Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. B 3	Top Depth: 1.20 m	Bottom Depth: m	

Soil Description:

Brown very sandy fine to coarse flint GRAVEL with occasional pockets of clay

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	99
28.000	95
20.000	86
14.000	73
10.000	61
6.300	48
5.000	44
3.350	38
2.000	34
1.180	30
0.600	25
0.425	20
0.300	14
0.212	11
0.150	10
0.063	8

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	
0.006	
0.002	



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type: Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
--------------------------	---

Particle Proportions %	
Cobbles	
Gravel	66.4
Sand	25.9
Silt and Clay	7.7



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 18/08/2022		
Date - sample testing commenced: 17/12/2021	Checked / Approved by: KM	
Date - sample testing completed: 20/01/2022	Date Approved: 20/01/2022	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

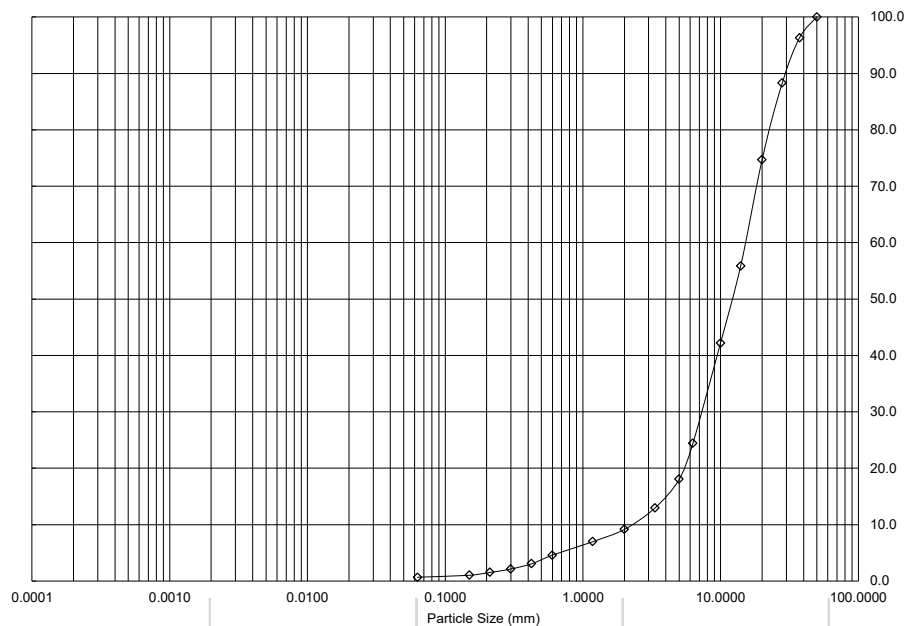
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH103A	Sample Type/No.	B 7
		Top Depth:	2.50 m
		Bottom Depth:	m

Soil Description:

Light brown sandy fine to coarse flint GRAVEL with rare pockets of clay

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	96
28.000	88
20.000	75
14.000	56
10.000	42
6.300	24
5.000	18
3.350	13
2.000	9
1.180	7
0.600	5
0.425	3
0.300	2
0.212	2
0.150	1
0.063	1

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	
0.006	
0.002	



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type: Wet Sieving BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.

Particle Proportions %	
Cobbles	
Gravel	90.9
Sand	8.5
Silt and Clay	0.7



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022
Date - sample testing commenced :	17/12/2021
Date - sample testing completed :	05/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)	

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

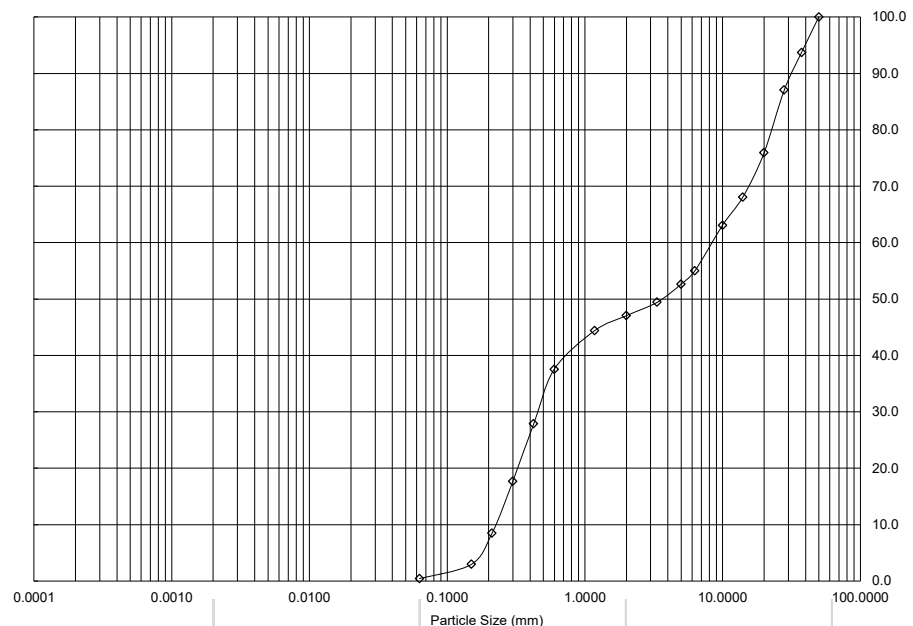
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH103A	Sample Type/No.	B 15
		Top Depth:	6.40 m
		Bottom Depth:	6.80 m

Soil Description:

Brown very sandy fine to coarse flint GRAVEL

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	94
28.000	87
20.000	76
14.000	68
10.000	63
6.300	55
5.000	53
3.350	49
2.000	47
1.180	44
0.600	38
0.425	28
0.300	18
0.212	8
0.150	3
0.063	0

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	
0.006	
0.002	



Method/type:	Dry Sieving	BS 1377: Part 2: Clause 9.3: 1990 Determination of particle size distribution - dry sieving method.
--------------	-------------	---

Particle Proportions %	
Cobbles	
Gravel	53.0
Sand	46.6
Silt and Clay	0.4



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022
Date - sample testing commenced :	17/12/2021
Date - sample testing completed :	20/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)	

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PARTICLE SIZE DISTRIBUTION TEST

BS1377 : Part 2 : 1990

Wet Sieve, Clause 9.2

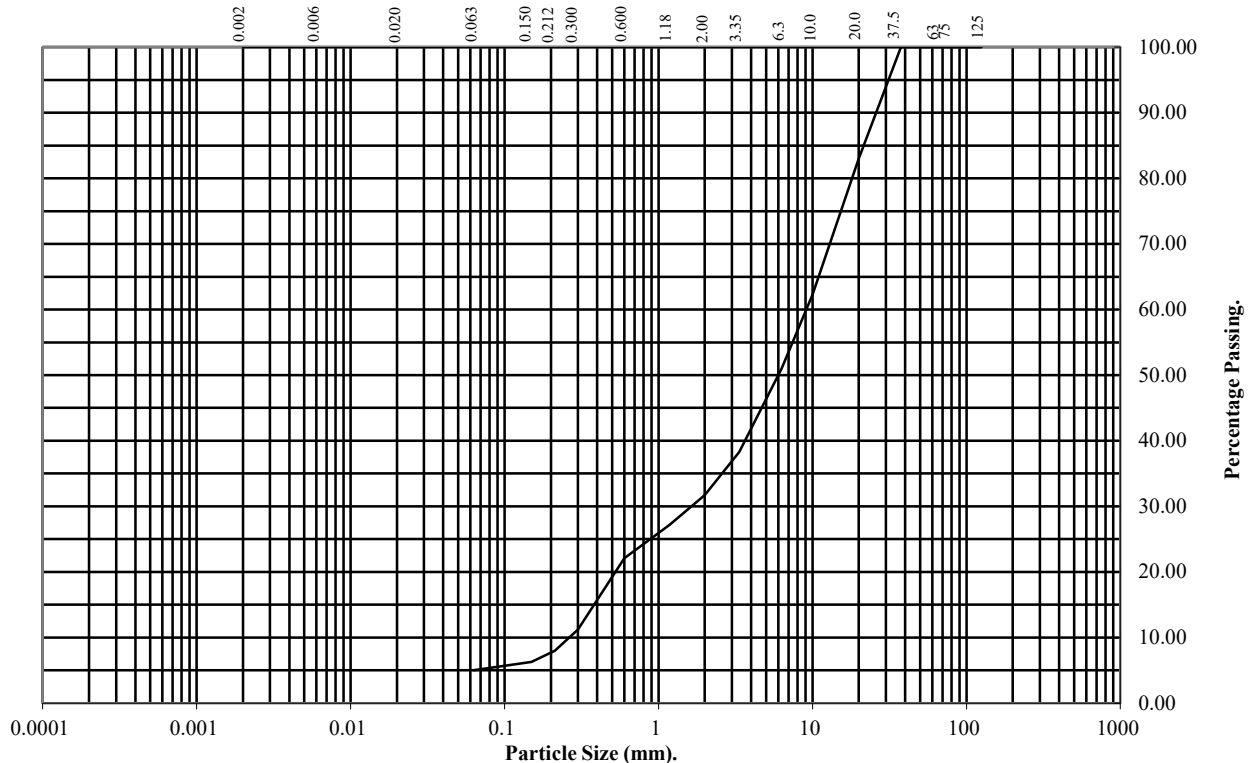
Hole Number: BH103A

Top Depth (m): 8.50

Sample Number: AMAL

Base Depth(m): 10.00

Sample Type: AMAL



BS Test Sieve (mm)	Percentage Passing
125	100
75	100
63	100
37.5	100
20	83
10	62
6.3	51
3.35	38
2	32
1.18	27
0.6	22
0.3	11
0.212	8
0.15	6
0.063	5

Soil Fraction	Total Percentage
Cobbles	0
Gravel	68
Sand	27
Silt/Clay	5

Remarks:

See Summary of Soil Descriptions



PSL
Professional Soils Laboratory

L4 Colt DCS Data Centre

Contract No:
PSL22/0003
Client Ref:
21/3600

CONCEPT SITE INVESTIGATIONS

PARTICLE SIZE DISTRIBUTION

TEST REPORT

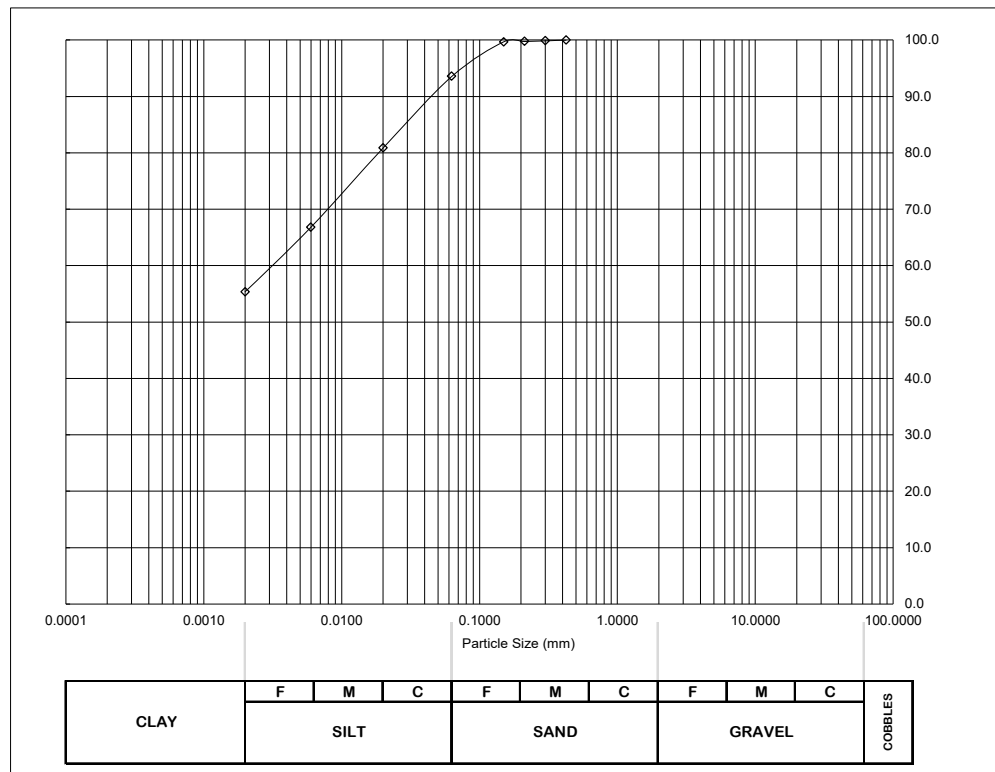
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH103A	Sample Type/No.	U 31
		Top Depth:	12.30 m
		Bottom Depth:	12.75 m

Soil Description:

Stiff, extremely closely fissured dark brown slightly micaceous slightly sandy silty CLAY with rare shell fragments (<1mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	94

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	81
0.006	67
0.002	55



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	6.4
Silt	38.2
Clay	55.3



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022	Checked / Approved by:	KM
Date - sample testing commenced :	17/12/2021	Date Approved:	20/01/2022
Date - sample testing completed :	05/01/2022		
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

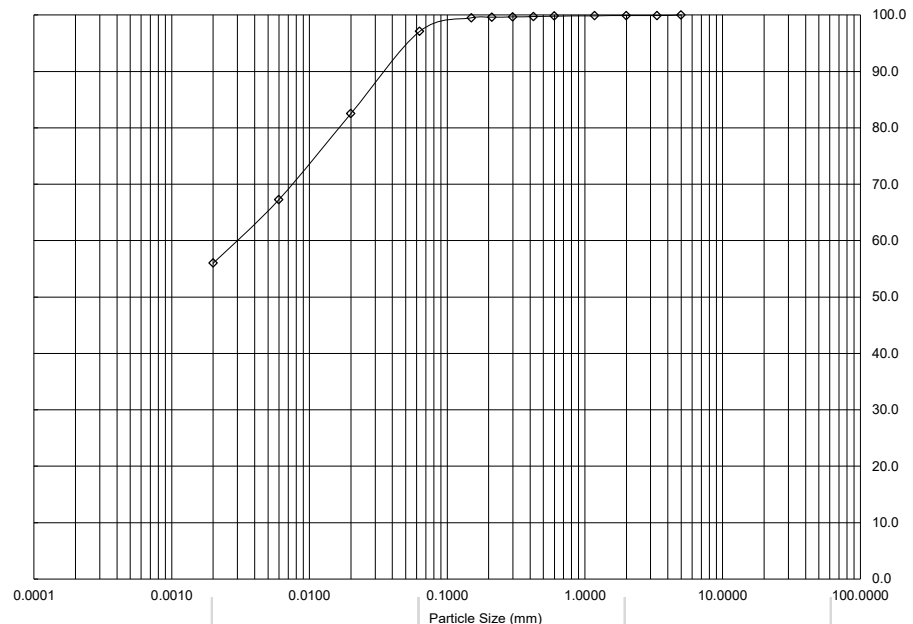
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. D	34	Top Depth: 13.15 m	Bottom Depth: m	

Soil Description:

Dark brown silty CLAY with rare shell fragments

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	99
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	83
0.006	67
0.002	56



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.1
Sand	2.8
Silt	41.1
Clay	56.0



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022		
Date - sample testing commenced :	17/12/2021	Checked / Approved by:	KM
Date - sample testing completed :	05/01/2022	Date Approved:	20/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

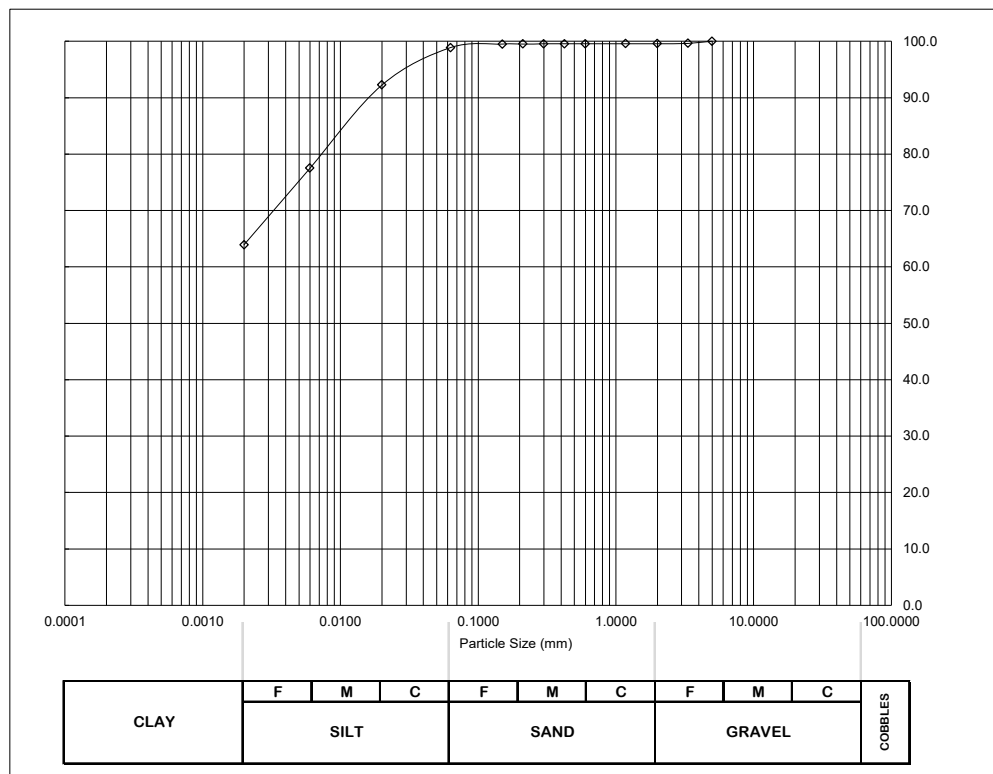
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. UT	38	Top Depth: 14.30 m	Bottom Depth: 14.75 m	

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<2mm) and a pocket of claystone fragments (<30mm) at 14.37m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	92
0.006	78
0.002	64



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.4
Sand	0.7
Silt	34.9
Clay	63.9



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022	Checked / Approved by:	KM
Date - sample testing commenced :	17/12/2021	Date Approved:	20/01/2022
Date - sample testing completed :	06/01/2022	Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)	

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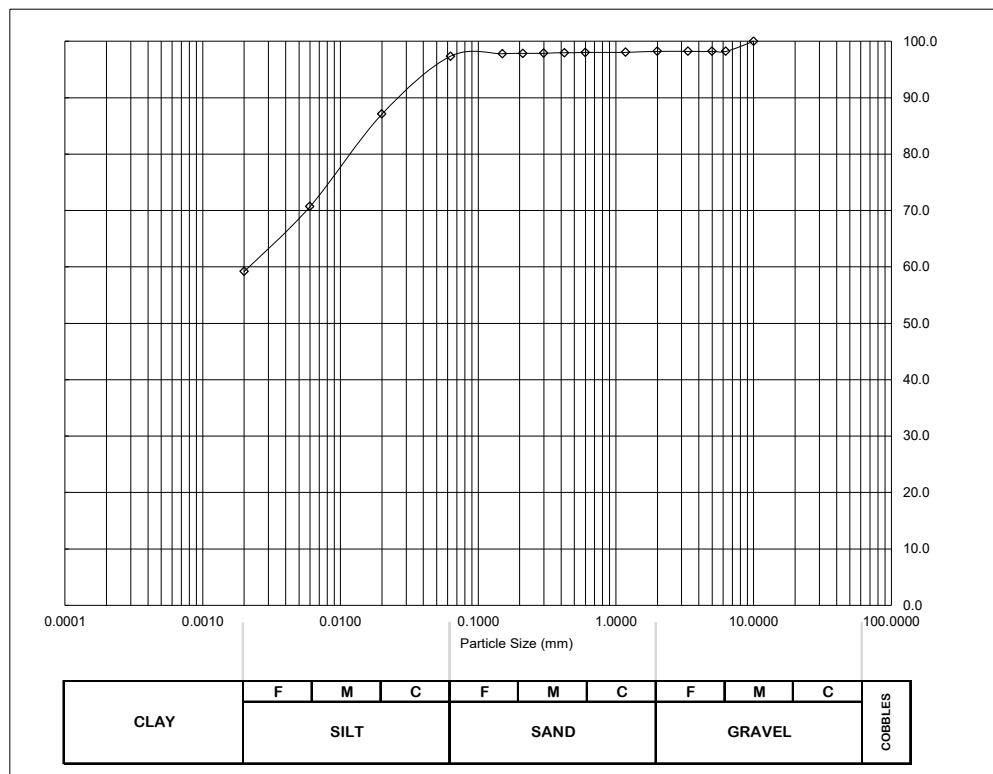
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. UT	43	Top Depth: 15.80 m	Bottom Depth: 16.15 m	

Soil Description:

Stiff, very closely fissured dark brown silty CLAY with occasional pyrite nodules

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	98
5.000	98
3.350	98
2.000	98
1.180	98
0.600	98
0.425	98
0.300	98
0.212	98
0.150	98
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	87
0.006	71
0.002	59



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	1.8
Sand	0.9
Silt	38.2
Clay	59.2



Remarks: Pyrite nodules - not in test sample

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022	Checked / Approved by:	KM
Date - sample testing commenced :	17/12/2021	Date Approved:	20/01/2022
Date - sample testing completed :	20/12/2021	Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)	

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

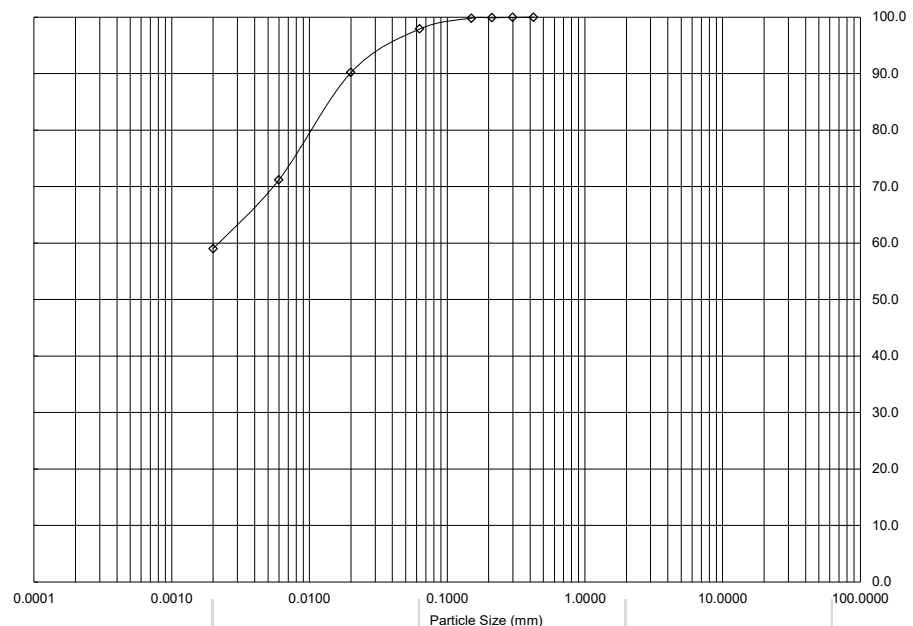
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH103A	Sample Type/No.	U 46
		Top Depth:	16.80 m
		Bottom Depth:	17.25 m

Soil Description:

Firm, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm), bioturbation, a pocket of shell fragments (<45mm) at 17.00m and a pocket of pyrite nodules (<50mm) at 16.92m; becoming very stiff at 16.91m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	98

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	90
0.006	71
0.002	59



CLAY	F	M	C	F	M	C	F	M	C	GRAVEL	COBBLES

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	2.1
Silt	38.9
Clay	59.0



Remarks: Sample tested below 17.00m depth

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022
Date - sample testing commenced :	17/12/2021
Date - sample testing completed :	06/01/2022

Checked / Approved by:	KM
Date Approved:	20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

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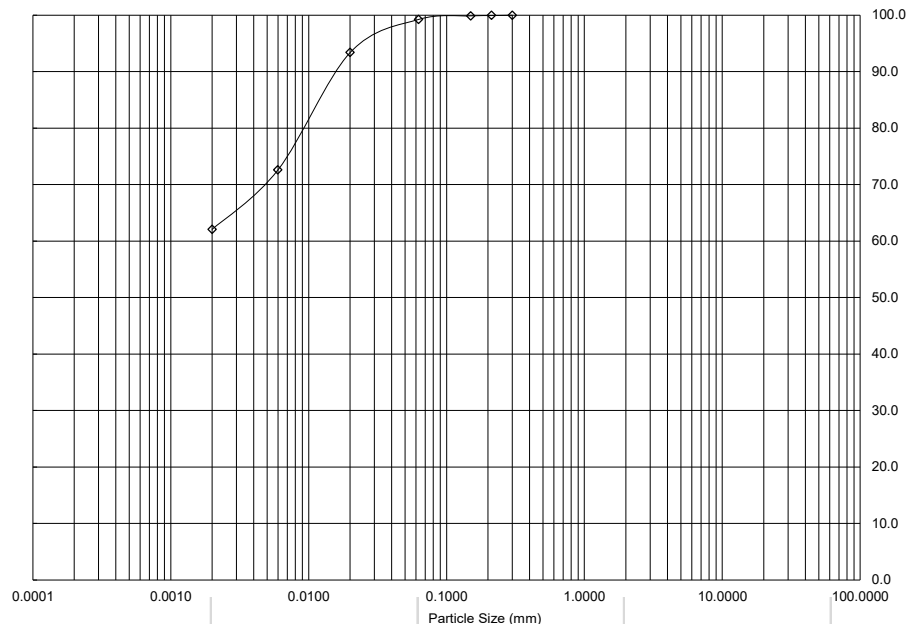
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. UT	53	Top Depth: 18.90 m	Bottom Depth: 19.35 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<1mm) and 1No pocket of pyrite nodules (<30mm) at 18.96m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	93
0.006	73
0.002	62



CLAY	F	M	C	F	M	C	F	M	C	GRAVEL	COBBLES
	SILT			SAND							

Method/type: Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.8
Silt	37.2
Clay	62.1



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 18/08/2022	Checked / Approved by: KM
Date - sample testing commenced: 17/12/2021	Date Approved: 20/01/2022
Date - sample testing completed: 14/01/2022	

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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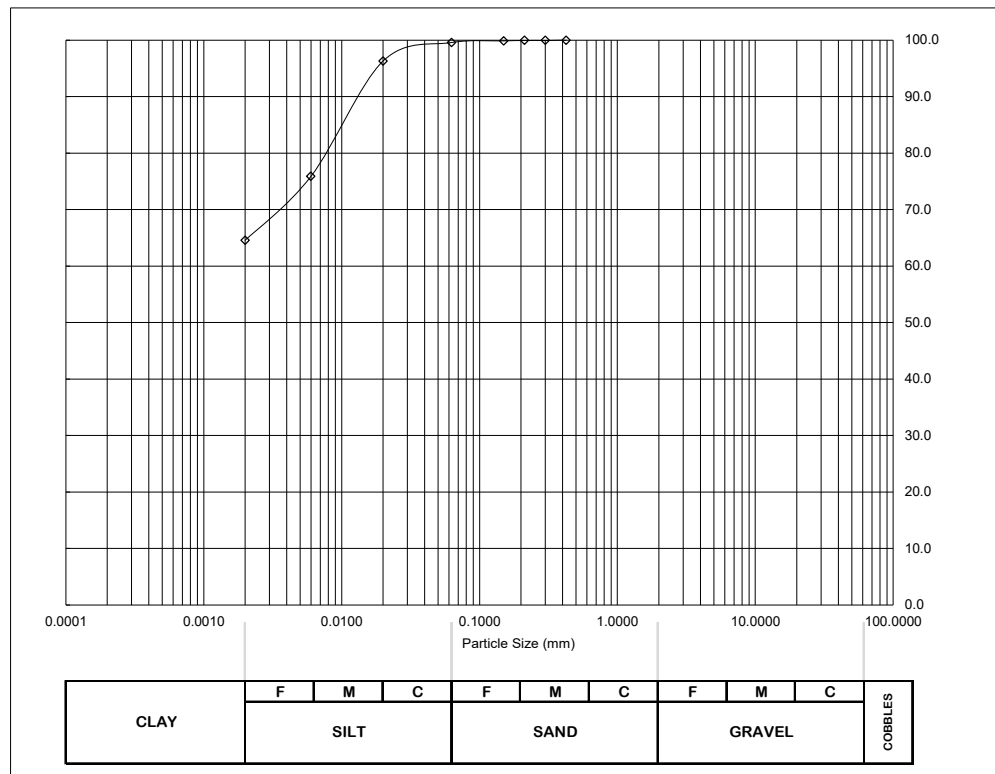
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH103A	Sample Type/No.	UT 59
		Top Depth:	21.00 m
		Bottom Depth:	21.45 m

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<1mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	100

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	96
0.006	76
0.002	65



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.4
Silt	35.0
Clay	64.6



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022
Date - sample testing commenced :	17/12/2021
Date - sample testing completed :	14/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)	

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PARTICLE SIZE DISTRIBUTION

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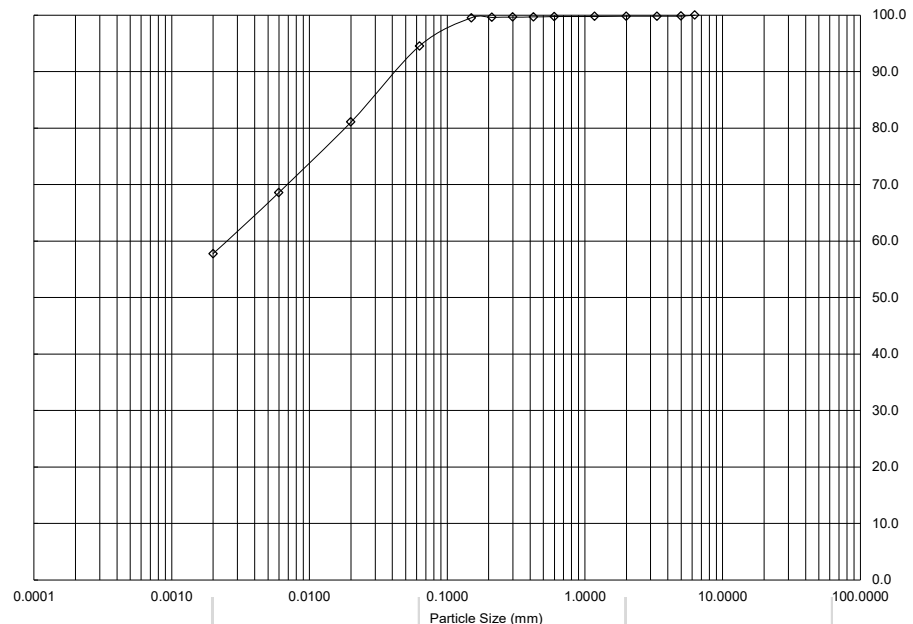
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. D 63	Top Depth: 22.45 m		Bottom Depth: m	

Soil Description:

Dark grey slightly sandy silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	95

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	81
0.006	69
0.002	58



CLAY	F	M	C	F	M	C	F	M	C	GRAVEL	COBBLES
	SILT			SAND							

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.2
Sand	5.3
Silt	36.8
Clay	57.7



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022		
Date - sample testing commenced :	17/12/2021	Checked / Approved by:	KM
Date - sample testing completed :	21/12/2021	Date Approved:	20/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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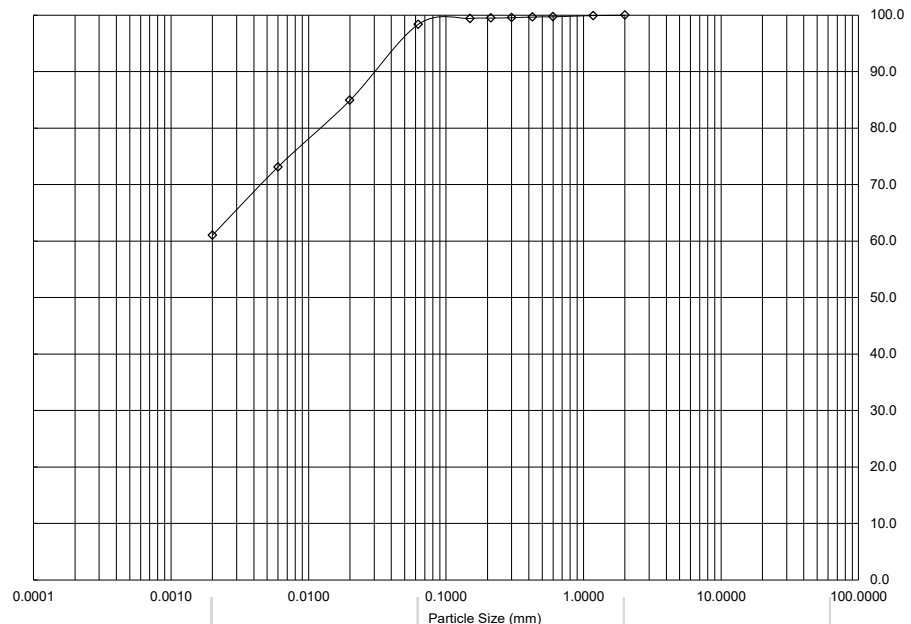
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH103A	Sample Type/No.	U 67
		Top Depth:	23.50 m
		Bottom Depth:	23.95 m

Soil Description:

Firm, dark grey slightly micaceous silty CLAY with rare shell fragments (<1mm), occasional bioturbation; becoming very stiff at 23.60m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	99
0.150	99
0.063	98

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	85
0.006	73
0.002	61



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.0
Sand	1.6
Silt	37.4
Clay	61.0



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022
Date - sample testing commenced :	17/12/2021
Date - sample testing completed :	14/01/2022

Checked / Approved by:	KM
Date Approved:	20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

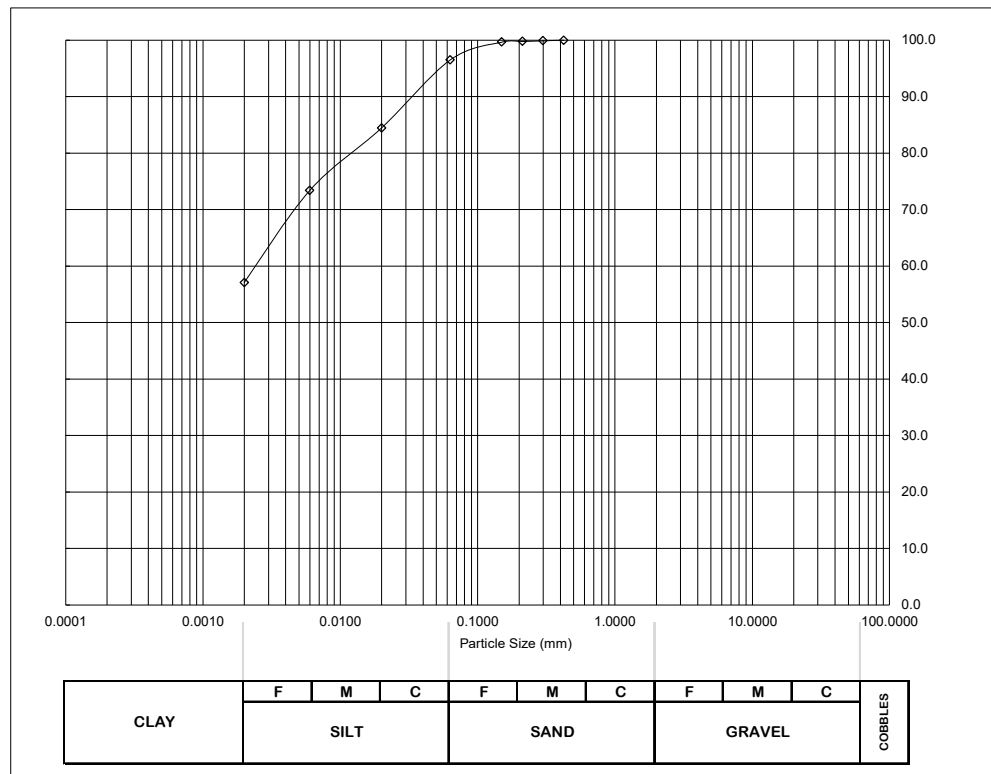
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. UT 73	Top Depth: 25.50 m		Bottom Depth: 25.95 m	

Soil Description:

Stiff, very closely fissured dark brown silty CLAY with occasional pockets of silty sand

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	96

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	84
0.006	73
0.002	57



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	3.5
Silt	39.4
Clay	57.1



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022		
Date - sample testing commenced :	17/12/2021	Checked / Approved by:	KM
Date - sample testing completed :	20/12/2021	Date Approved:	20/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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PARTICLE SIZE DISTRIBUTION

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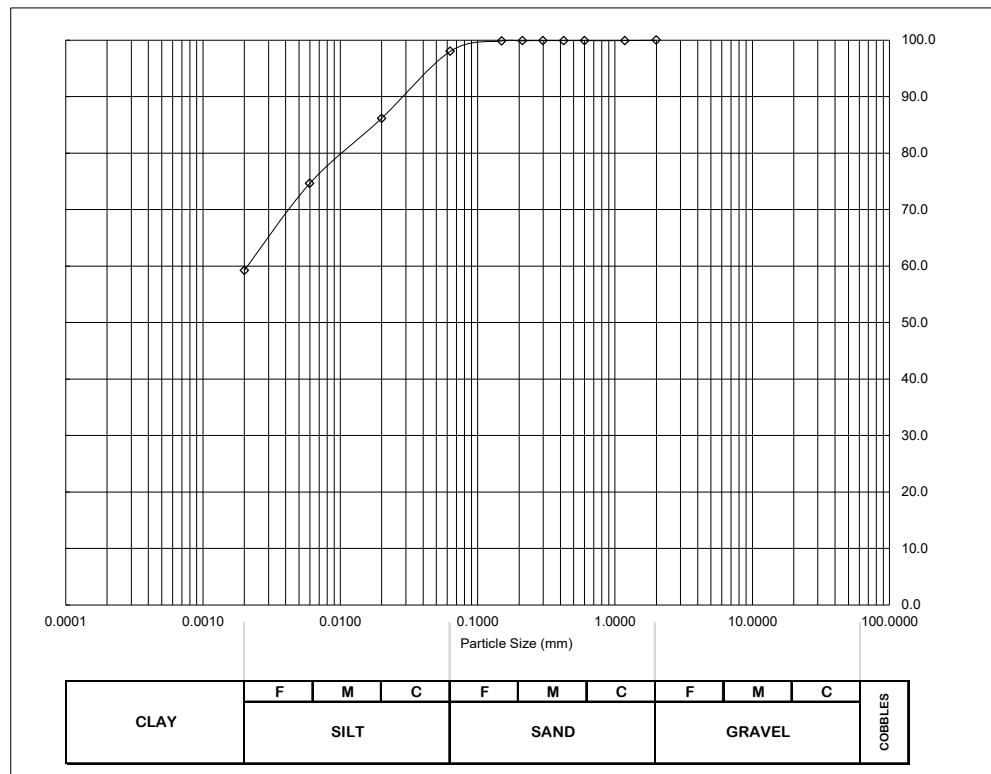
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH103A	Sample Type/No.	UT 78
		Top Depth:	27.00 m
		Bottom Depth:	27.45 m

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pockets of light grey silty sand (<20mm) and occasional shell fragments (<2mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	98

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	86
0.006	75
0.002	59



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	2.0
Silt	38.8
Clay	59.2



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022	Checked / Approved by:	KM
Date - sample testing commenced :	17/12/2021	Date Approved:	20/01/2022
Date - sample testing completed :	14/01/2022		
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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TEST REPORT

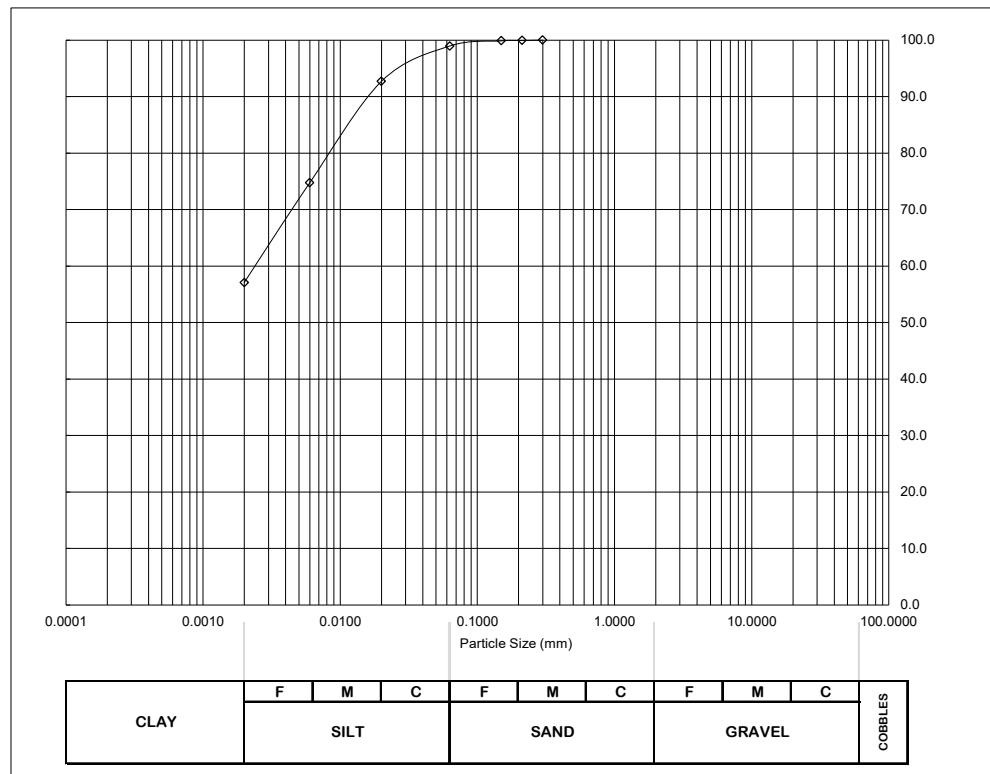
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. U 86	Top Depth: 29.50 m		Bottom Depth: 29.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<1mm) and pockets of light grey silt (<15mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	93
0.006	75
0.002	57



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.1
Silt	41.9
Clay	57.1



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022		
Date - sample testing commenced :	17/12/2021	Checked / Approved by:	KM
Date - sample testing completed :	14/01/2022	Date Approved:	20/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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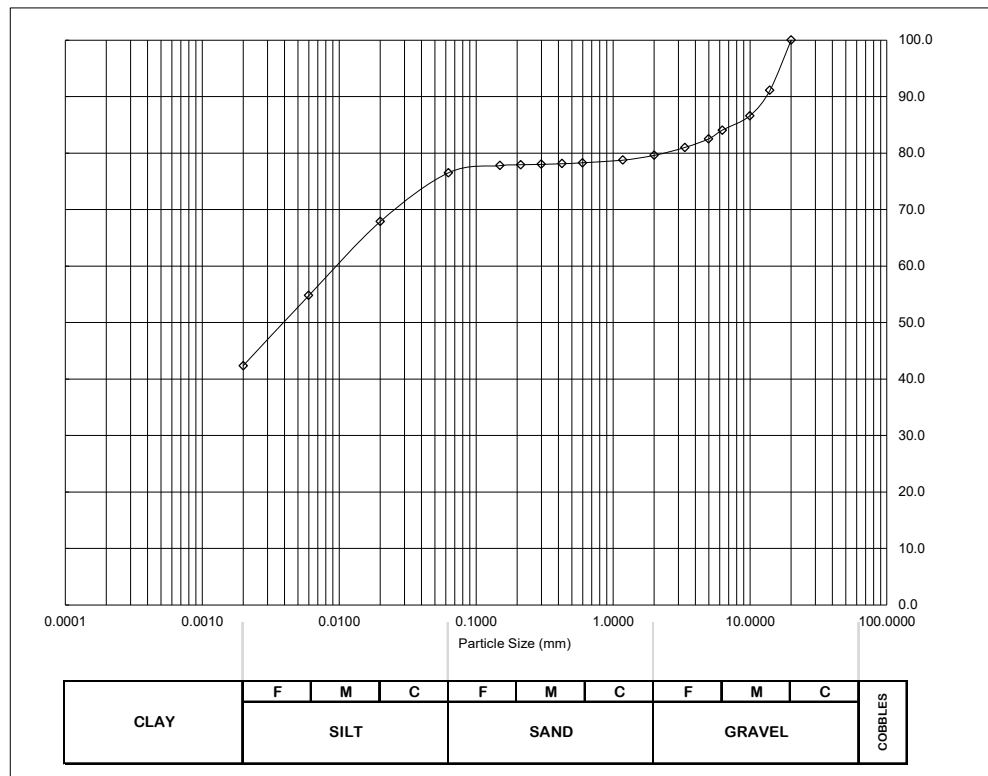
Site Name: L4 Colt DCS Data Centre			Job Number: 21/3600	
Client: HDCI Hayes London Limited			Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. D 90	Top Depth: 30.50 m	Bottom Depth: 30.95 m	

Soil Description:

Dark grey silty CLAY with occasional fine to medium gravel size claystone fragments

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	91
10.000	87
6.300	84
5.000	83
3.350	81
2.000	80
1.180	79
0.600	78
0.425	78
0.300	78
0.212	78
0.150	78
0.063	77

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	68
0.006	55
0.002	42



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	20.4
Sand	3.1
Silt	34.2
Clay	42.3



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022		
Date - sample testing commenced :	17/12/2021	Checked / Approved by:	KM
Date - sample testing completed :	21.12/2021	Date Approved:	20/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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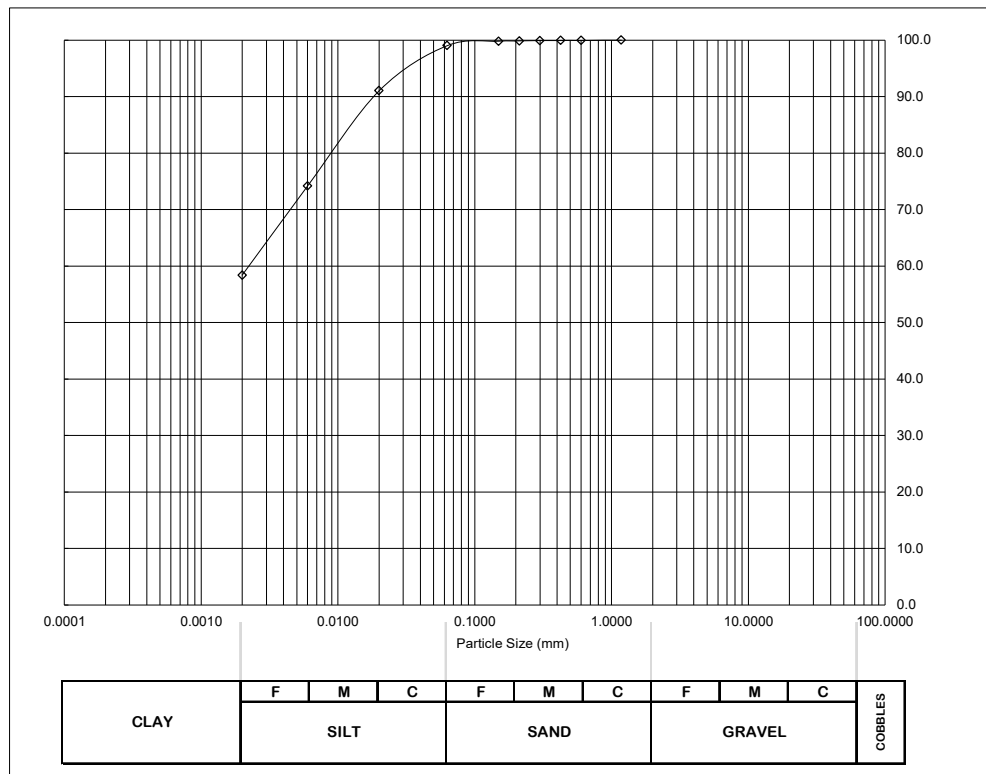
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. UT 93	Top Depth: 31.50 m		Bottom Depth: 31.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<2mm) and pockets of light grey silt (<20mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	91
0.006	74
0.002	58



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.0
Silt	40.7
Clay	58.4



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:		18/08/2022	
Date - sample testing commenced :	17/12/2021	Checked / Approved by:	KM
Date - sample testing completed :	14/01/2022	Date Approved:	20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

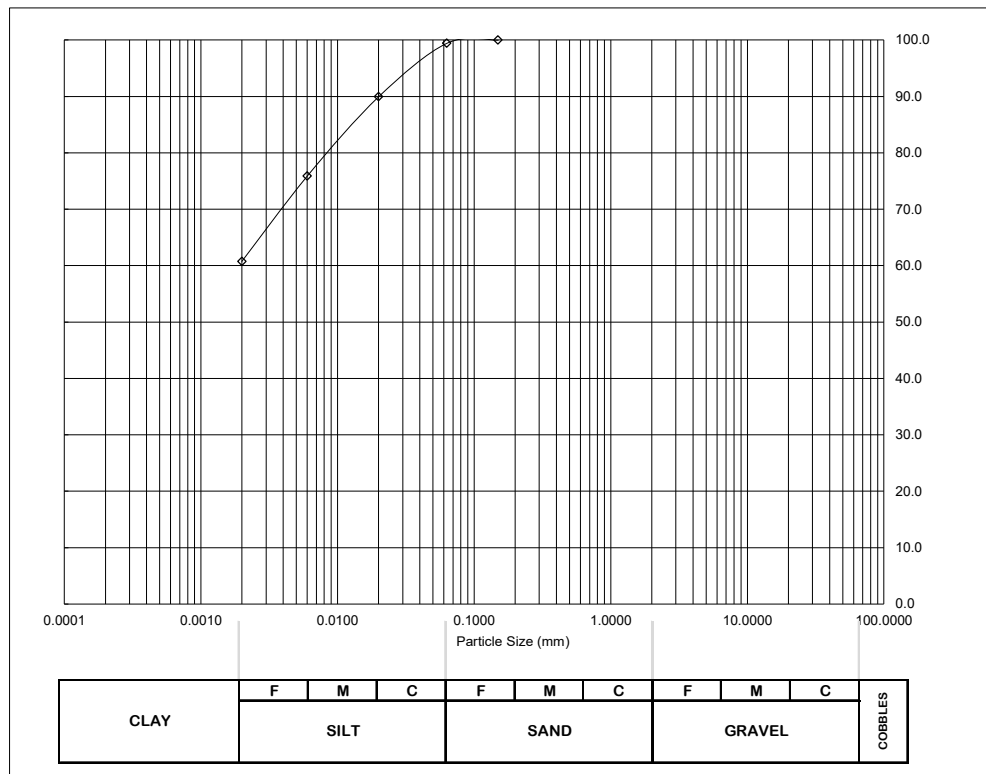
Site Name:				L4 Colt DCS Data Centre				Job Number:		21/3600	
Client:				HDCI Hayes London Limited				Date Reported:		21/01/2022	
Borehole No:		BH103A		Sample Type/No.		UT 98		Top Depth:		32.90 m	
								Bottom Depth:		33.35 m	

Soil Description:

Stiff, very closely fissured dark brown silty CLAY with rare shell fragments (<1mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	90
0.006	76
0.002	61



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.6
Silt	38.7
Clay	60.7



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2022		
Date - sample testing commenced :	17/12/2021	Checked / Approved by:	KM
Date - sample testing completed :	22/12/2021	Date Approved:	20/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

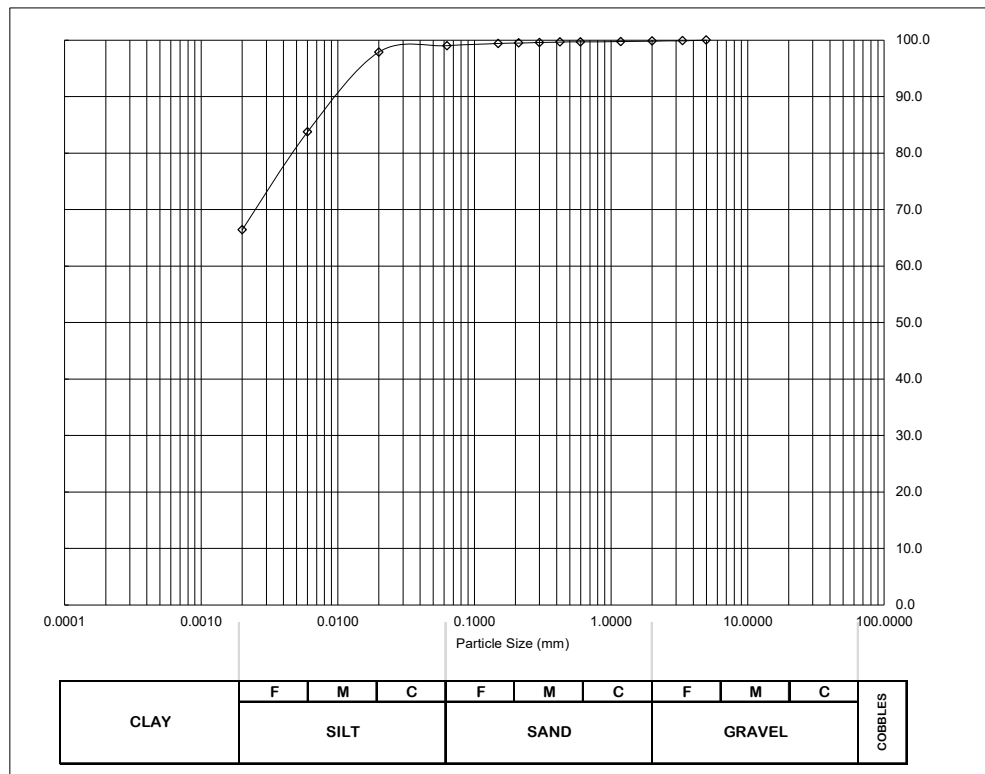
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH103A	Sample Type/No.	U 102
		Top Depth:	34.50 m
		Bottom Depth:	34.95 m

Soil Description:

Stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<1mm) and pockets of light grey silt (<10mm); becoming very stiff at 34.59m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	99
0.150	99
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	98
0.006	84
0.002	66



CONCEPT SITE INVESTIGATIONS

PARTICLE SIZE DISTRIBUTION

TEST REPORT

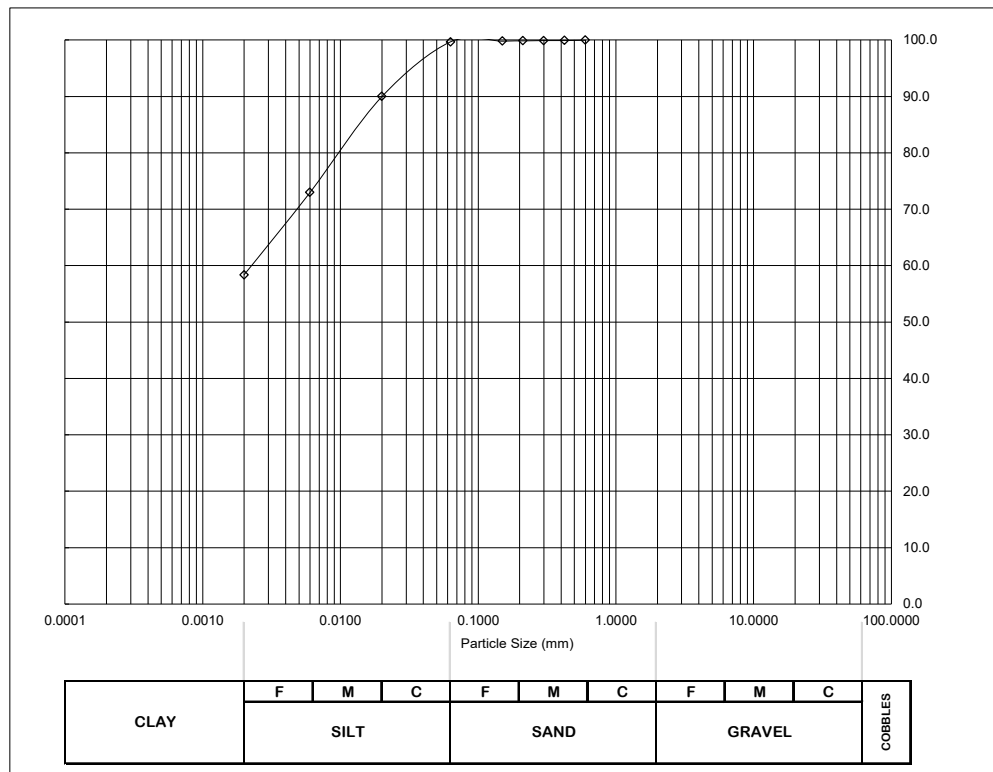
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. U	107	Top Depth: 36.00 m	Bottom Depth: 36.45 m	

Soil Description:

Stiff, very closely fissured dark brown silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	100

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	90
0.006	73
0.002	58



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.3
Silt	41.3
Clay	58.4



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2021		
Date - sample testing commenced :	17/12/2021	Checked / Approved by:	KM
Date - sample testing completed :	20/12/2021	Date Approved:	20/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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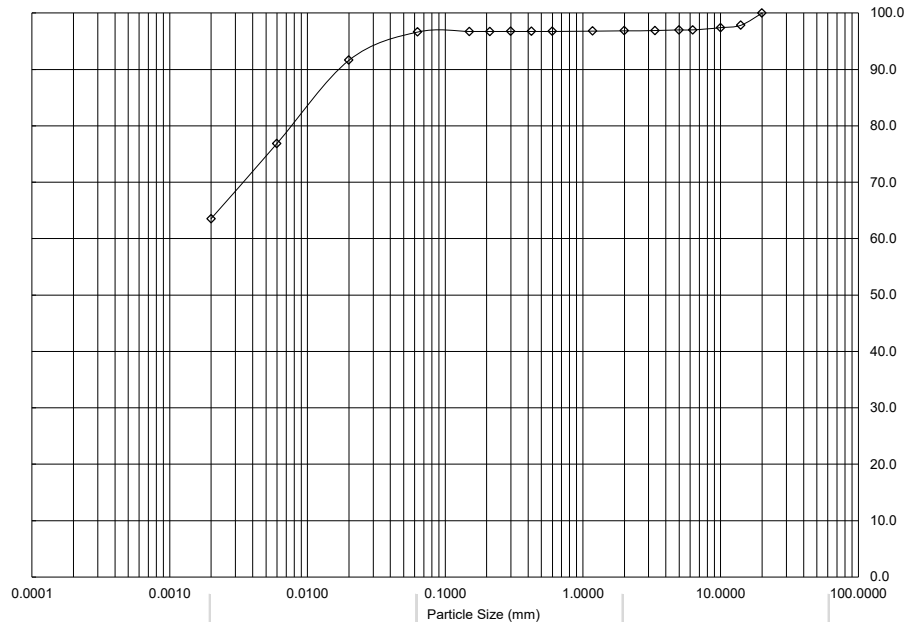
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. D	111	Top Depth: 36.90 m	Bottom Depth: 37.35 m	

Soil Description:

Dark brown silty CLAY with rare claystone fragments

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	98
10.000	97
6.300	97
5.000	97
3.350	97
2.000	97
1.180	97
0.600	97
0.425	97
0.300	97
0.212	97
0.150	97
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	92
0.006	77
0.002	64



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	3.2
Sand	0.2
Silt	33.1
Clay	63.5



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	17/12/2021	Date Approved:	20/01/2022
Date - sample testing completed :	22/12/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

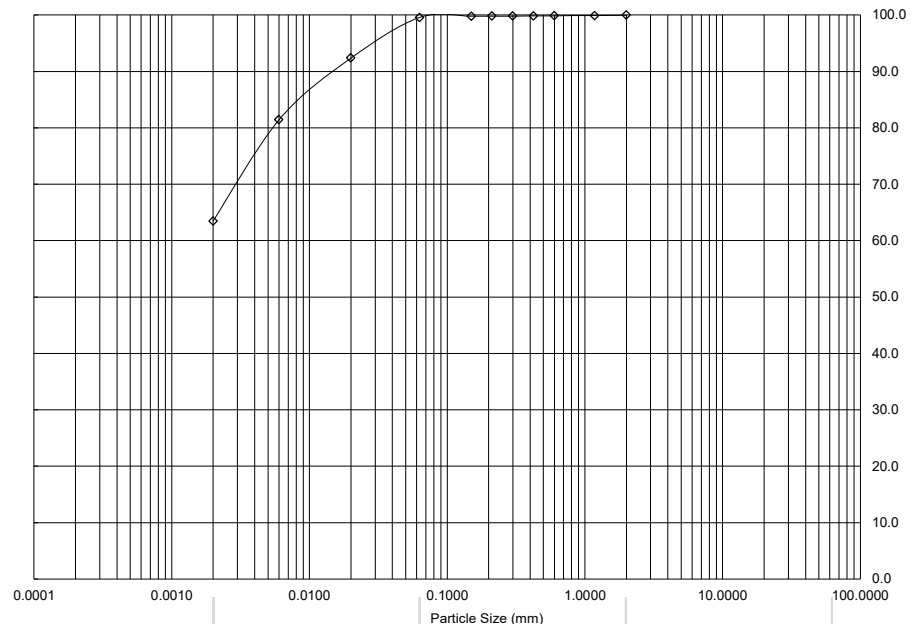
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCl Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH103A	Sample Type/No. UT	115	Top Depth: 38.50 m	Bottom Depth: 38.95 m	

Soil Description:

Very stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<2mm), pyrite nodules (<3mm) and pockets of light grey silt (<30mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	100

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	92
0.006	81
0.002	63



CLAY	F	M	C	F	M	C	F	M	C	GRAVEL	COBBLES

Method/type: Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.0
Sand	0.4
Silt	36.1
Clay	63.5



4503

Remarks: Pyrite nodules - not in test sample

The results reported relate only to the items tested or sampled.

Date - samples received: 18/08/2021	
Date - sample testing commenced: 06/01/2022	Checked / Approved by: KM
Date - sample testing completed: 14/01/2022	Date Approved: 20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

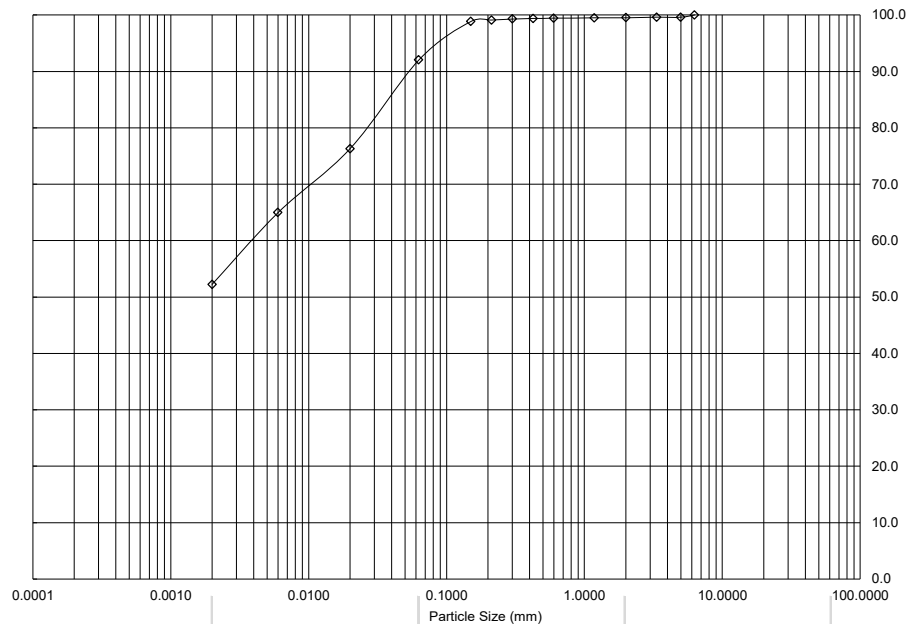
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH103A	Sample Type/No.	D 120
		Top Depth:	40.00 m
		Bottom Depth:	m

Soil Description:

Dark brown slightly sandy silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	99
0.600	99
0.425	99
0.300	99
0.212	99
0.150	99
0.063	92

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	76
0.006	65
0.002	52



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.5
Sand	7.5
Silt	39.8
Clay	52.2



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	18/08/2021	Checked / Approved by:	KM
Date - sample testing commenced :	17/12/2021	Date Approved:	20/01/2022
Date - sample testing completed :	22/12/2021		
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

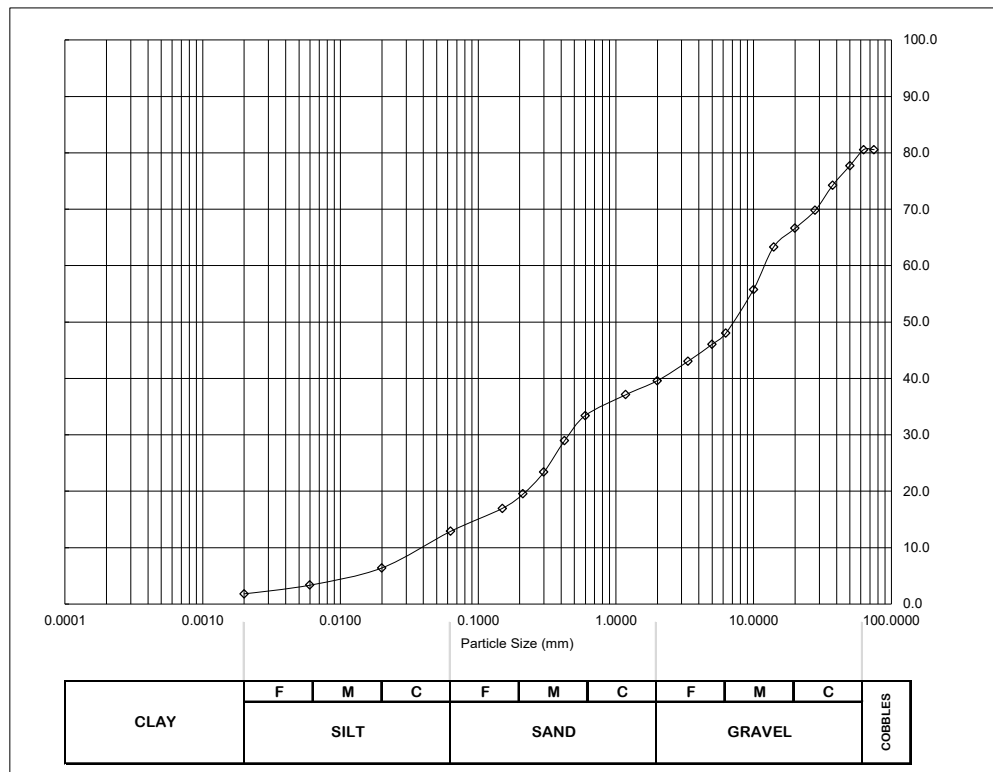
Site Name: L4 Colt DCS Data Centre			Job Number: 21/3600	
Client: HDCI Hayes London Limited			Date Reported: 28/01/2022	
Borehole No: BH104A	Sample Type/No. B 6	Top Depth: 1.00 m	Bottom Depth: 1.20 m	

Soil Description:

Brownish grey slightly silty very sandy GRAVEL with medium cobble content. Gravel comprises of fine to coarse brick and concrete fragments

BS Test Sieves	
Size (mm)	% Passing
75.000	81
63.000	81
50.000	78
37.500	74
28.000	70
20.000	67
14.000	63
10.000	56
6.300	48
5.000	46
3.350	43
2.000	40
1.180	37
0.600	33
0.425	29
0.300	23
0.212	20
0.150	17
0.063	13

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	6
0.006	3
0.002	2



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	19.5
Gravel	41.0
Sand	26.7
Silt	11.1
Clay	1.8



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	20/09/2021	Checked / Approved by:	KM
Date - sample testing commenced :	25/01/2022	Date Approved:	28/01/2022
Date - sample testing completed :	26/01/2022		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

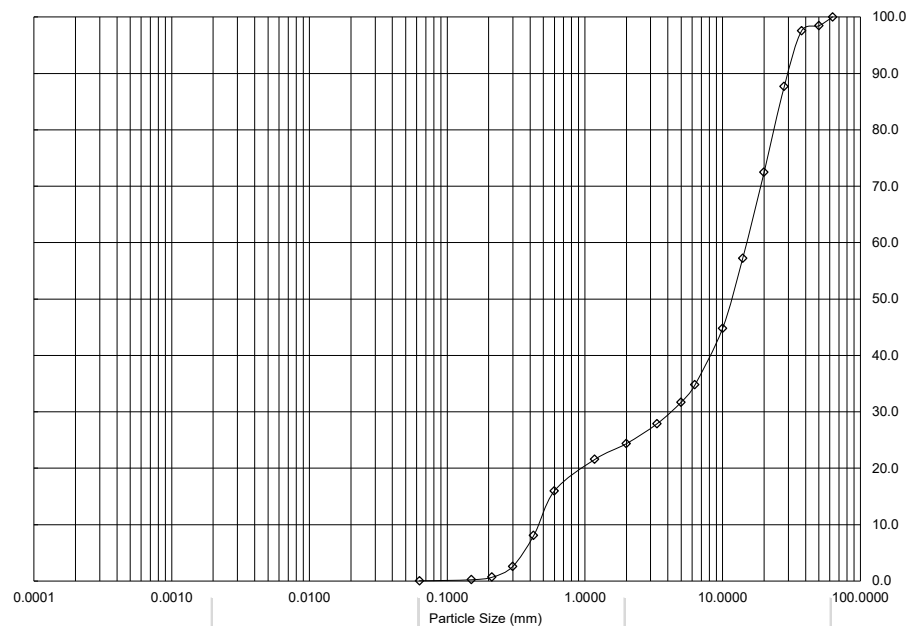
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	28/01/2022
Borehole No:	BH104C	Sample Type/No.	B 5
		Top Depth:	3.50 m
		Bottom Depth:	4.00 m

Soil Description:

Light brown very sandy fine to coarse flint GRAVEL

BS Test Sieves	
Size (mm)	% Passing
75.000	
63.000	100
50.000	98
37.500	98
28.000	88
20.000	72
14.000	57
10.000	45
6.300	35
5.000	32
3.350	28
2.000	24
1.180	22
0.600	16
0.425	8
0.300	3
0.212	1
0.150	0
0.063	0

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	
0.006	
0.002	



Method/type: Wet Sieving BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.

Particle Proportions %	
Cobbles	
Gravel	75.7
Sand	24.3
Silt and Clay	



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021
Date - sample testing commenced :	20/01/2022
Date - sample testing completed :	28/01/2022
Checked / Approved by: KM	
Date Approved: 28/01/2022	
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)	

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

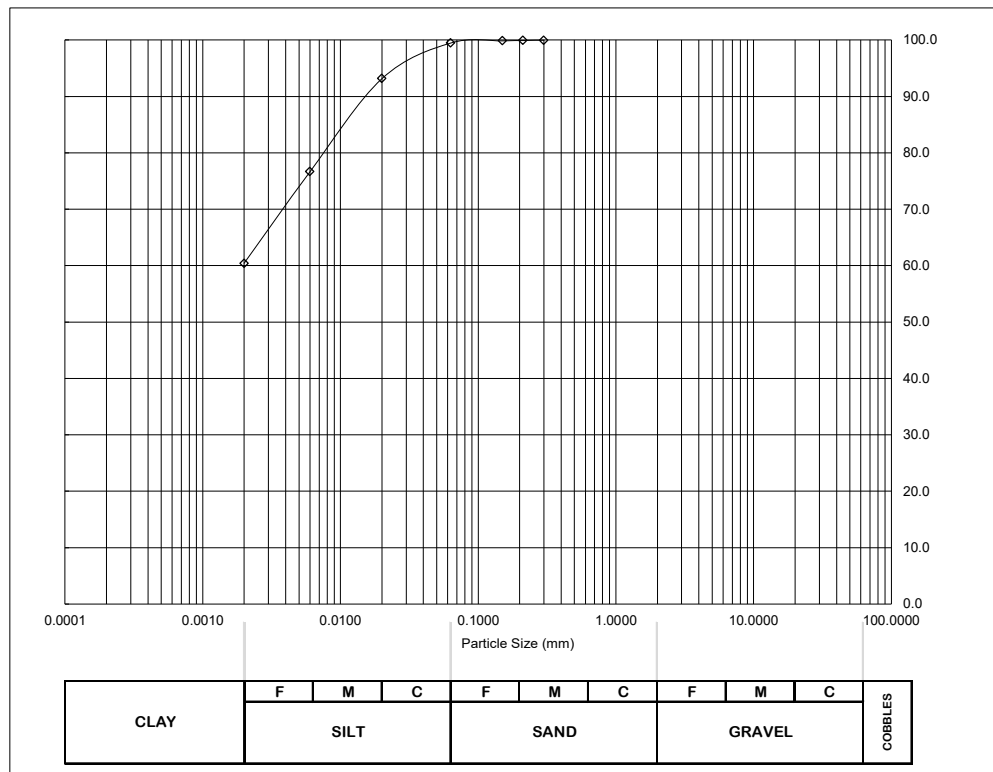
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH104C	Sample Type/No.	U 14
		Top Depth:	7.00 m
		Bottom Depth:	7.45 m

Soil Description:

Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and pyrite nodules (<20mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	93
0.006	77
0.002	60



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.5
Silt	39.1
Clay	60.4



Remarks: Pyrite nodules - not in test sample

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021
Date - sample testing commenced :	06/01/2022
Date - sample testing completed :	14/01/2021

Checked / Approved by:	KM
Date Approved:	20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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CONCEPT SITE INVESTIGATIONS

PARTICLE SIZE DISTRIBUTION

TEST REPORT

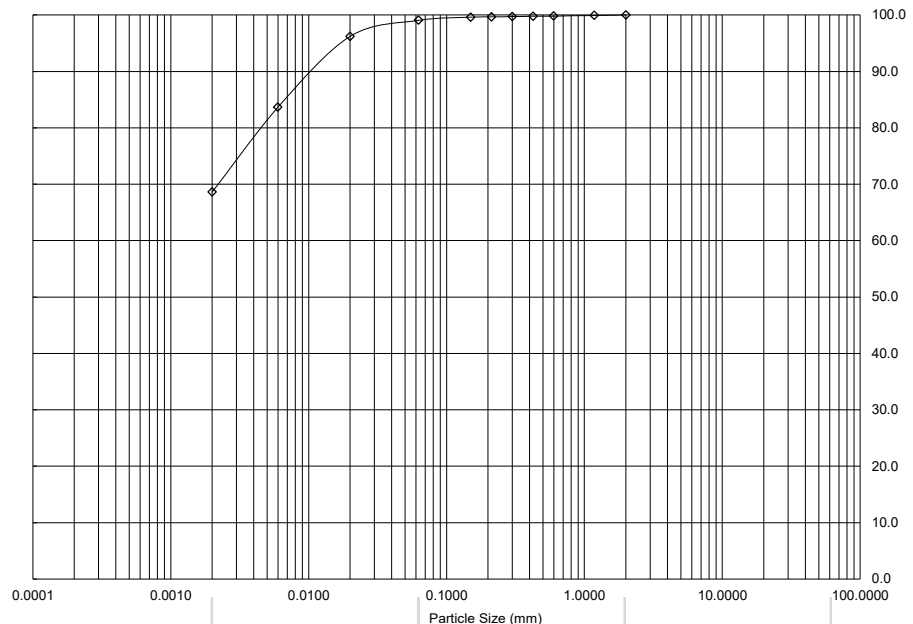
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH104C	Sample Type/No.	U 29
		Top Depth:	11.50 m
		Bottom Depth:	11.95 m

Soil Description:

Firm, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<2mm), pyrite nodules (<5mm) and claystone fragments (<3mm), becoming stiff at 11.63m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	96
0.006	84
0.002	69



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.0
Sand	0.9
Silt	30.5
Clay	68.6



4503

Remarks: Pyrite nodules - not in test sample

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	06/01/2022	Date Approved:	20/01/2022
Date - sample testing completed :	14/01/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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TEST REPORT

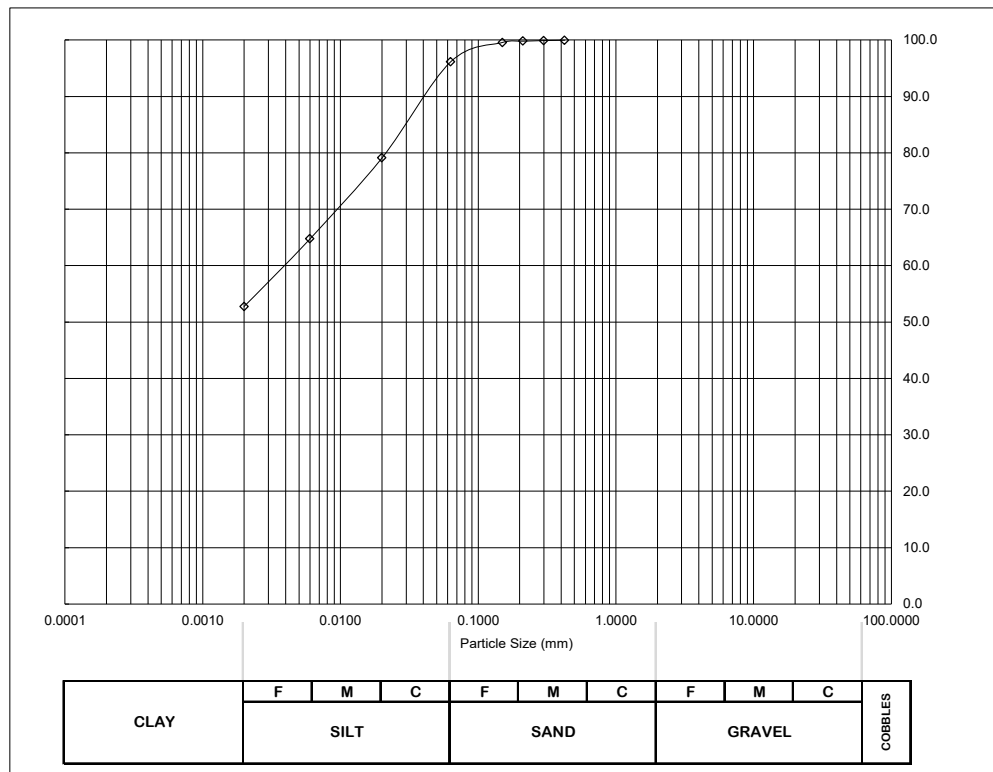
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH104C	Sample Type/No. UT	40	Top Depth: 15.00 m	Bottom Depth: 15.45 m	

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and occasional pockets of light brown silt (<35mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	96

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	79
0.006	65
0.002	53



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	3.9
Silt	43.4
Clay	52.7



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	06/01/2022	Date Approved:	20/01/2022
Date - sample testing completed :	14/01/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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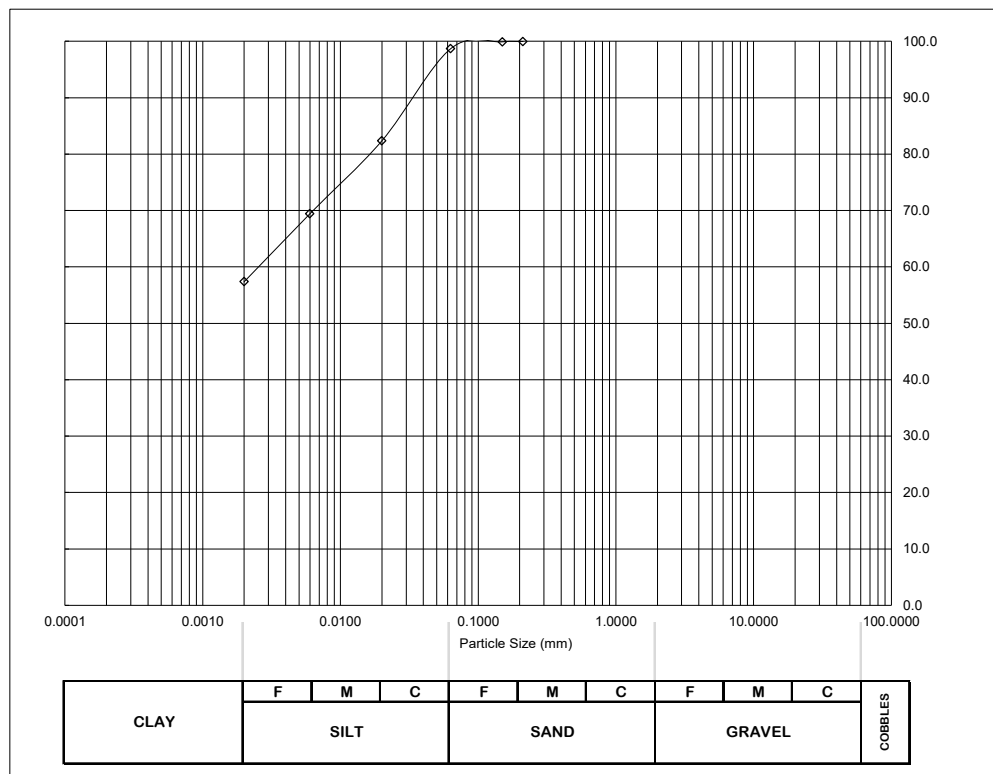
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH104C	Sample Type/No.	U 49
		Top Depth:	17.50 m
		Bottom Depth:	17.95 m

Soil Description:

Very stiff, extremely closely fissured, dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	82
0.006	69
0.002	57



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.3
Silt	41.3
Clay	57.4



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021
Date - sample testing commenced :	06/01/2022
Date - sample testing completed :	14/01/2021

Checked / Approved by:	KM
Date Approved:	20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

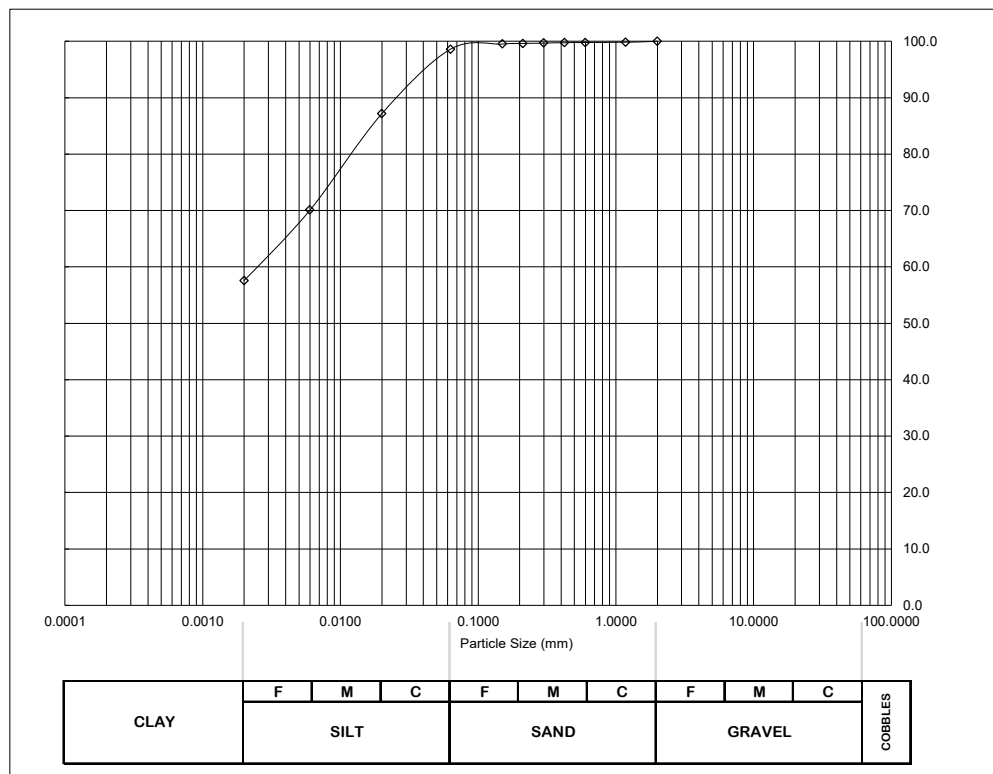
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH104C	Sample Type/No.	UT 60
		Top Depth:	21.00 m
		Bottom Depth:	21.45 m

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare pyrite nodules (<6mm) and shell fragments (<5mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	87
0.006	70
0.002	58



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.4
Silt	41.0
Clay	57.5



Remarks: Pyrite nodules - not in test sample

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021
Date - sample testing commenced :	06/01/2022
Date - sample testing completed :	14/01/2021

Checked / Approved by:	KM
Date Approved:	20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS

PARTICLE SIZE DISTRIBUTION

TEST REPORT

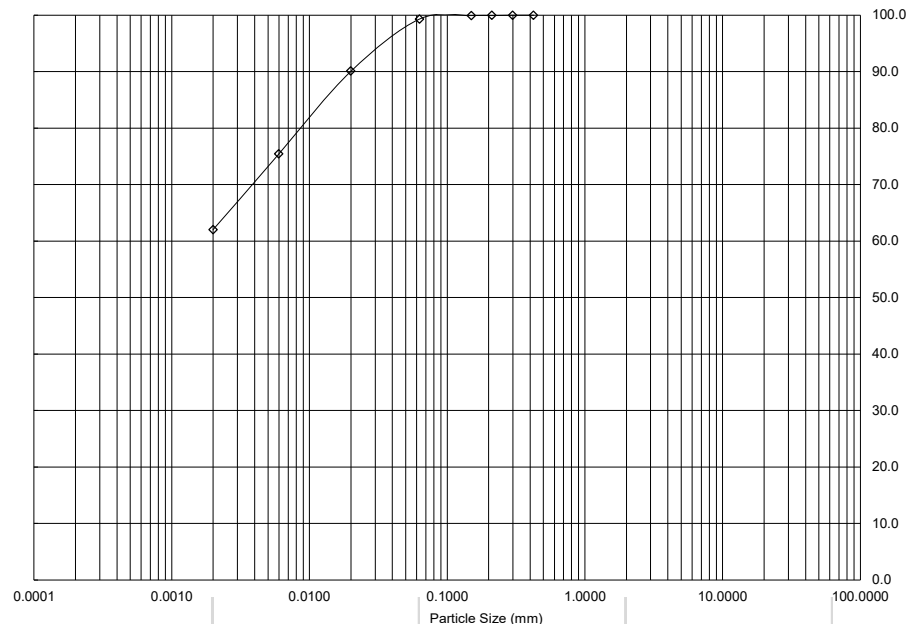
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH104C	Sample Type/No.	U 69
		Top Depth:	23.50 m
		Bottom Depth:	23.95 m

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and pyrite nodules (<4mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	90
0.006	75
0.002	62



CLAY	F	M	C	F	M	C	F	M	C	GRAVEL	COBBLES

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.7
Silt	37.3
Clay	62.0



4503

Remarks: Pyrite nodules - not in test sample

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021
Date - sample testing commenced :	06/01/2022
Date - sample testing completed :	14/01/2021

Checked / Approved by:	KM
Date Approved:	20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

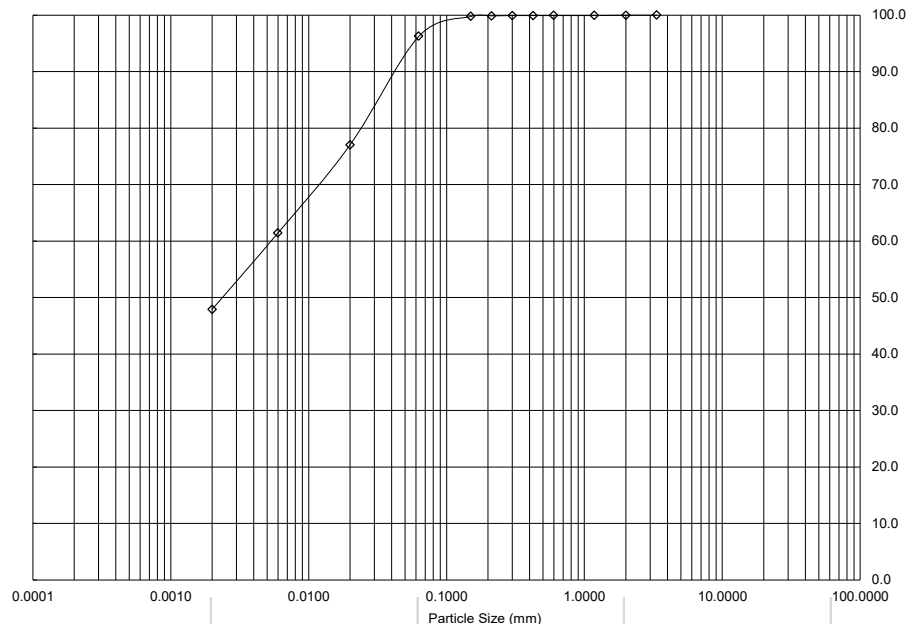
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH104C	Sample Type/No.	UT 80
		Top Depth:	27.00 m
		Bottom Depth:	27.45 m

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and occasional partings of light brown silt (<2mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	96

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	77
0.006	61
0.002	48



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.1
Sand	3.7
Silt	48.3
Clay	47.9



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021
Date - sample testing commenced :	06/01/2022
Date - sample testing completed :	14/01/2021

Checked / Approved by:	KM
Date Approved:	20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

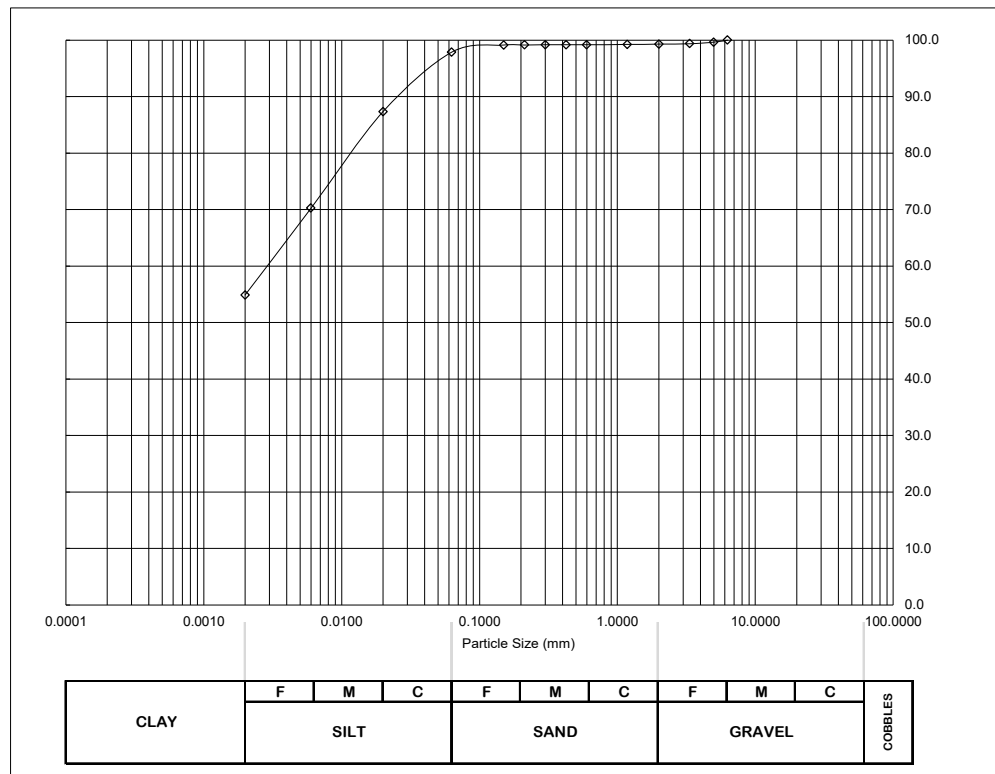
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH104C	Sample Type/No. U	89	Top Depth: 29.50 m	Bottom Depth: 29.95 m	

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	99
2.000	99
1.180	99
0.600	99
0.425	99
0.300	99
0.212	99
0.150	99
0.063	98

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	87
0.006	70
0.002	55



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.7
Sand	1.4
Silt	43.0
Clay	54.9



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021	
Date - sample testing commenced :	06/01/2022	Checked / Approved by: KM
Date - sample testing completed :	14/01/2021	Date Approved: 20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

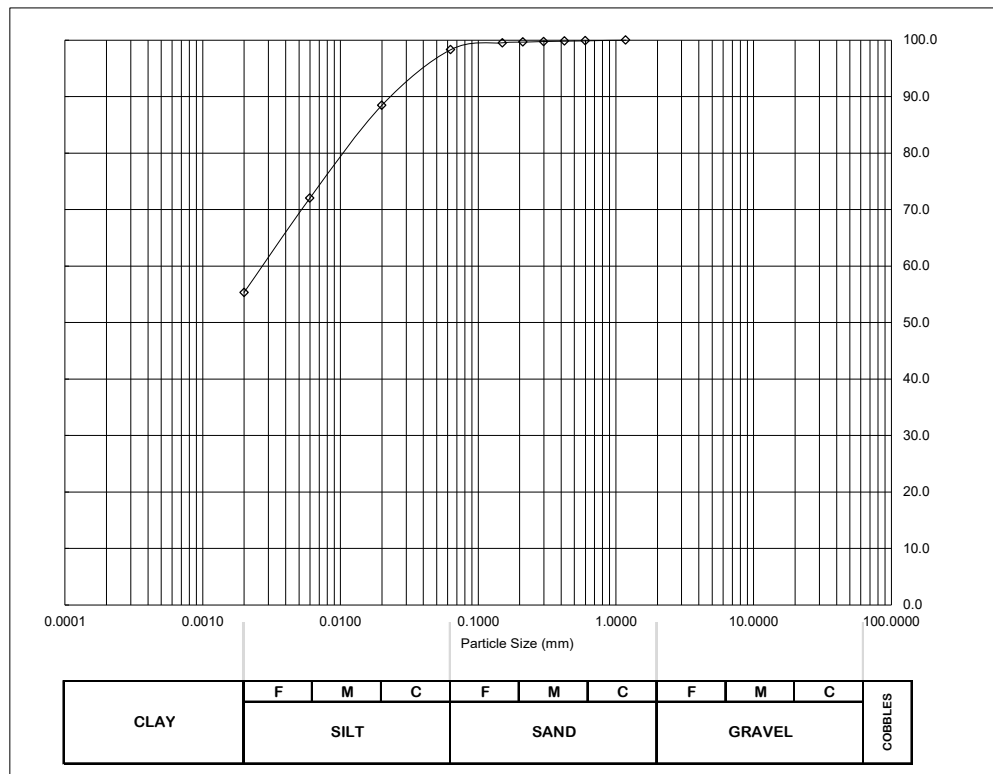
Site Name:				L4 Colt DCS Data Centre				Job Number:		21/3600	
Client:				HDCI Hayes London Limited				Date Reported:		21/01/2022	
Borehole No:		BH104C		Sample Type/No.		UT 95		Top Depth:		31.50 m	
								Bottom Depth:		31.95 m	

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<1mm) and occasional pockets of light brown silty sand (<60mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	98

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	88
0.006	72
0.002	55



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.7
Silt	43.0
Clay	55.3



4503

Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	06/01/2022	Date Approved:	20/01/2022
Date - sample testing completed :	14/01/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

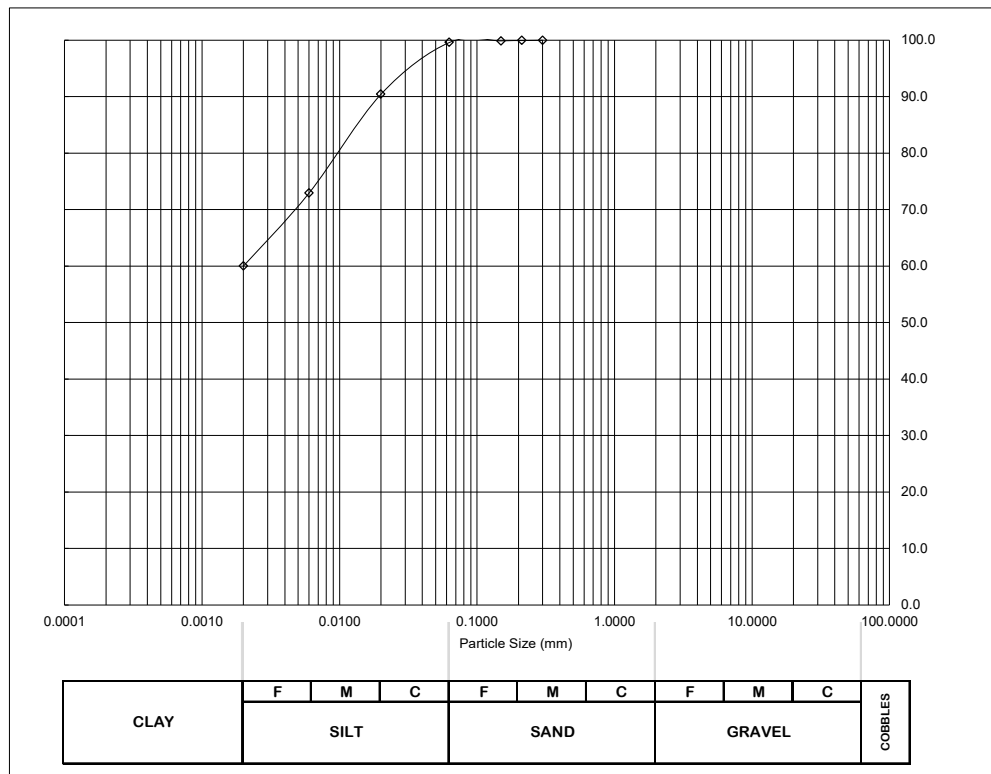
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH104C	Sample Type/No.	U 104
		Top Depth:	34.00 m
		Bottom Depth:	34.45 m

Soil Description:

Very stiff, dark brown slightly micaceous silty CLAY with occasional shell fragments (<2mm) and a band of claystone between 34.25m and 34.28m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	100

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	90
0.006	73
0.002	60



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.4
Silt	39.6
Clay	60.0



Remarks:

Sample tested between 34.00 and 34.25m

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021
Date - sample testing commenced :	06/01/2022
Date - sample testing completed :	14/01/2021

Checked / Approved by:	KM
Date Approved:	20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

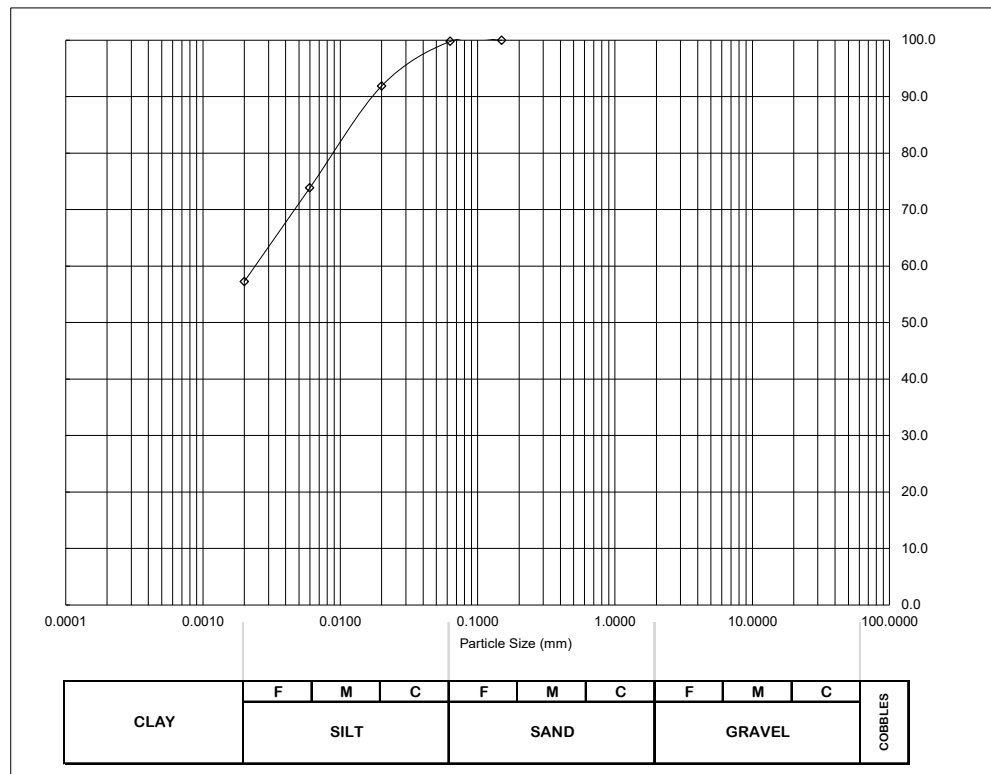
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH104C	Sample Type/No.	UT 116
		Top Depth:	38.00 m
		Bottom Depth:	38.45 m

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare shell fragments (<5mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	100

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	92
0.006	74
0.002	57



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.2
Silt	42.5
Clay	57.2



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021	Checked / Approved by:	KM
Date - sample testing commenced :	06/01/2022	Date Approved:	20/01/2022
Date - sample testing completed :	14/01/2021		

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

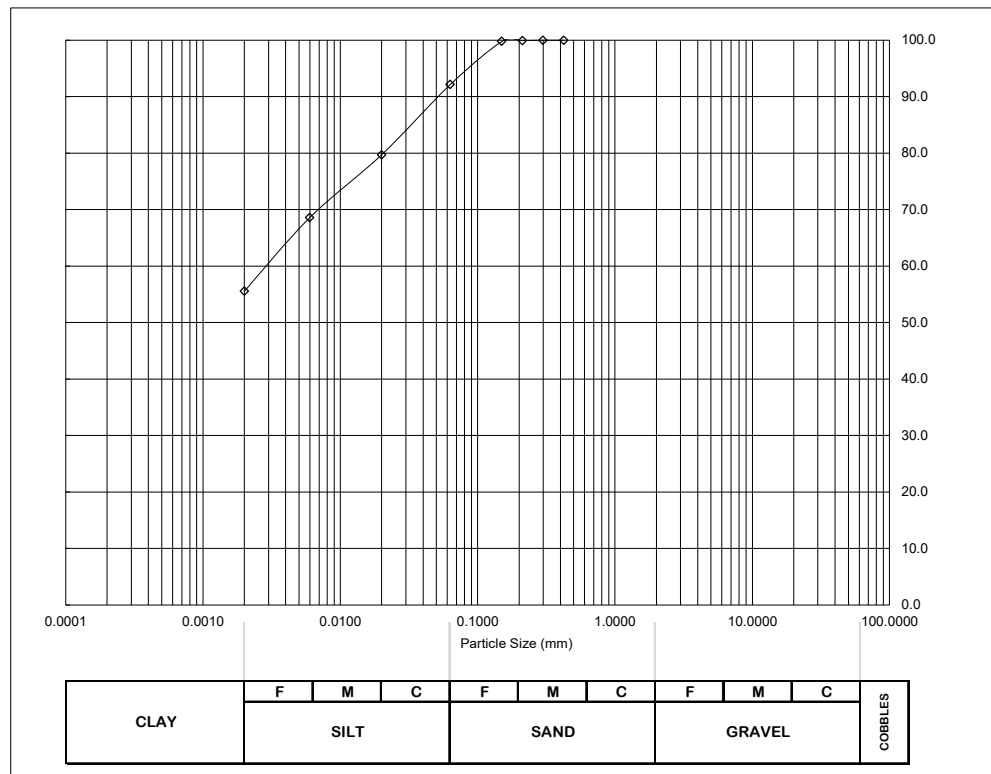
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 21/01/2022	
Borehole No: BH104C	Sample Type/No. U	125	Top Depth: 40.50 m	Bottom Depth: 40.95 m	

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous slightly sandy silty CLAY with occasional shell fragments (<1mm) and rare pockets of light grey silt (<45mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	92

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	80
0.006	69
0.002	56



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	7.9
Silt	36.6
Clay	55.5



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received: 01/10/2021		
Date - sample testing commenced :	06/01/2022	Checked / Approved by: KM
Date - sample testing completed :	14/01/2021	Date Approved: 20/01/2022
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)		

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

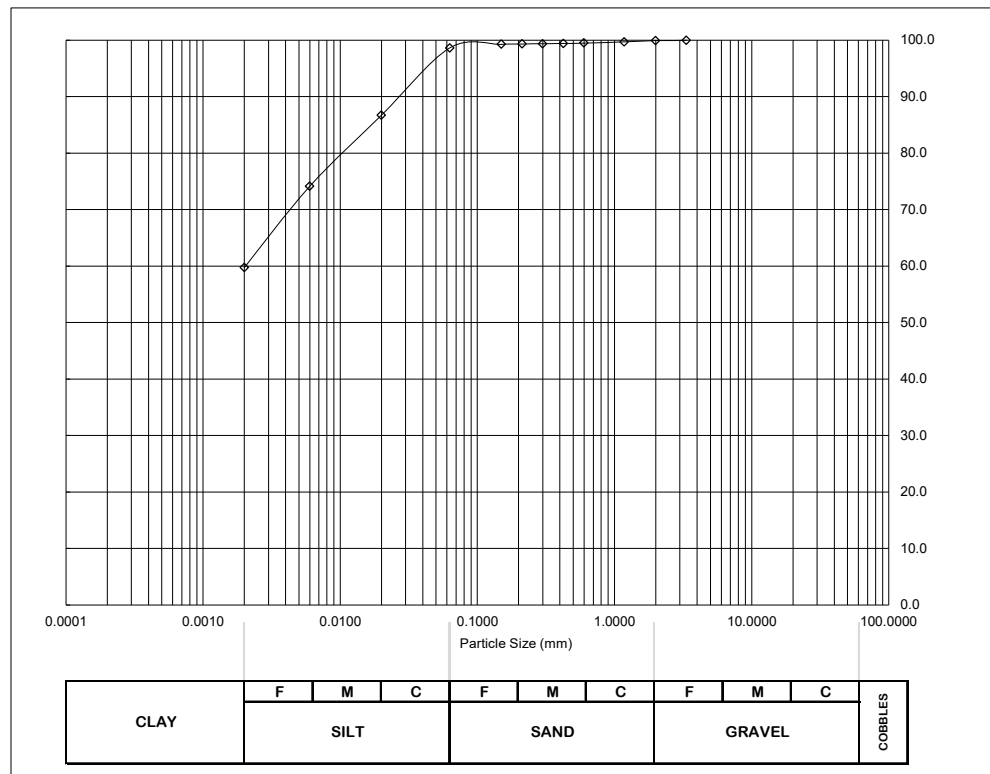
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH104C	Sample Type/No.	UT 133
		Top Depth:	43.50 m
		Bottom Depth:	43.95 m

Soil Description:

Very stiff, dark brown slightly micaceous silty CLAY with occasional pyrite nodules (6mm), rare shell fragments (<1mm) and pockets of silty sand (<60mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	99
0.425	99
0.300	99
0.212	99
0.150	99
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	87
0.006	74
0.002	60



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.1
Sand	1.3
Silt	38.9
Clay	59.7



4503

Remarks: Pyrite nodule - not in test sample

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021
Date - sample testing commenced :	06/01/2022
Date - sample testing completed :	14/01/2021

Checked / Approved by:	KM
Date Approved:	20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

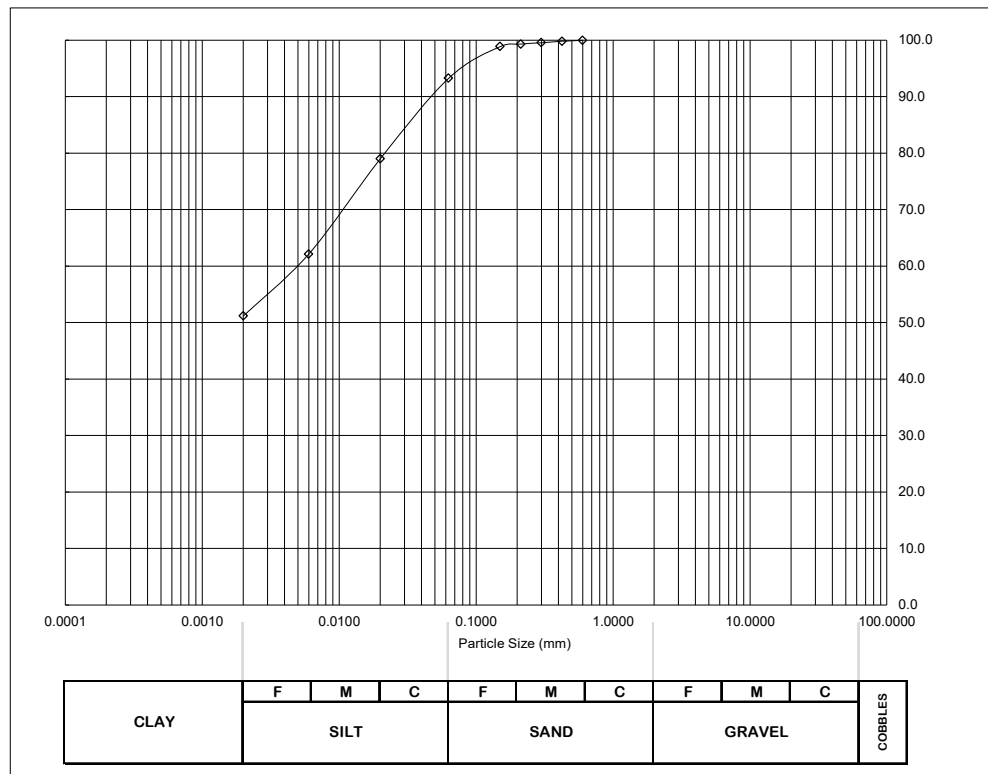
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	21/01/2022
Borehole No:	BH104C	Sample Type/No.	U 141
		Top Depth:	46.50 m
		Bottom Depth:	46.95 m

Soil Description:

Very stiff, extremely closely fissured dark brown slightly micaceous slightly sandy silty CLAY with pockets of light brown silt (<40mm) and occasional shell fragments (<1mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	99
0.150	99
0.063	93

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	79
0.006	62
0.002	51



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	6.8
Silt	42.1
Clay	51.2



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	01/10/2021
Date - sample testing commenced :	06/01/2022
Date - sample testing completed :	14/01/2021

Checked / Approved by:	KM
Date Approved:	20/01/2022

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

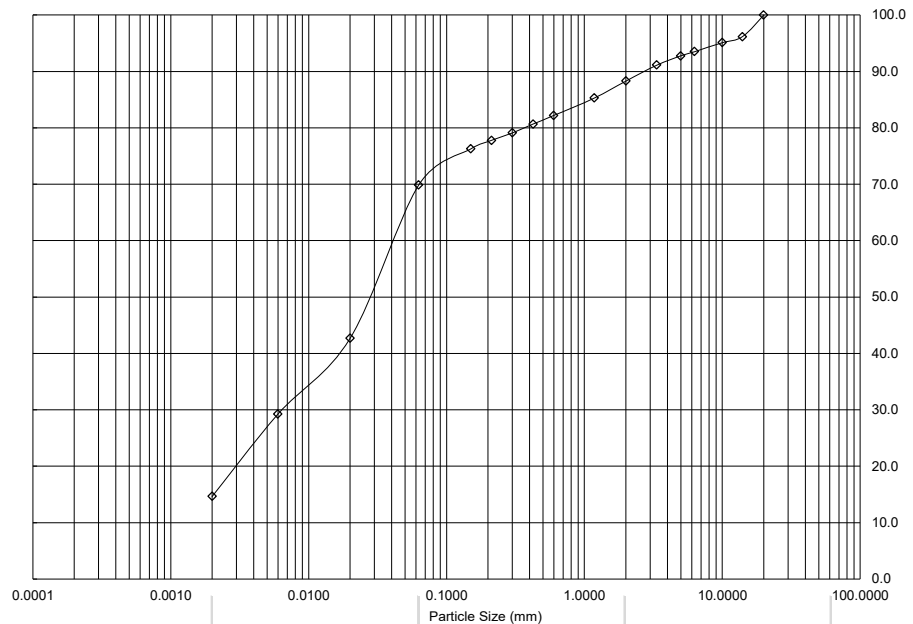
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	12/01/2022
Borehole No:	BH105	Sample Type/No.	U 9
		Top Depth:	1.50 m
		Bottom Depth:	2.00 m

Soil Description:

Stiff, bluish grey mottled orange slightly gravelly slightly sandy clayey SILT, becoming firm at 1.67m. Gravel is fine to medium flint

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	96
10.000	95
6.300	94
5.000	93
3.350	91
2.000	88
1.180	85
0.600	82
0.425	81
0.300	79
0.212	78
0.150	76
0.063	70

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	43
0.006	29
0.002	15



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	11.7
Sand	18.4
Silt	55.2
Clay	14.6



Remarks:

The results reported relate only to the items tested or sampled.

Date - samples received:	16/09/2021	Checked / Approved by:	KM
Date - sample testing commenced :	26/10/2021	Date Approved:	22/12/2021
Date - sample testing completed :	06/11/2021		
Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)			

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PARTICLE SIZE DISTRIBUTION

TEST REPORT

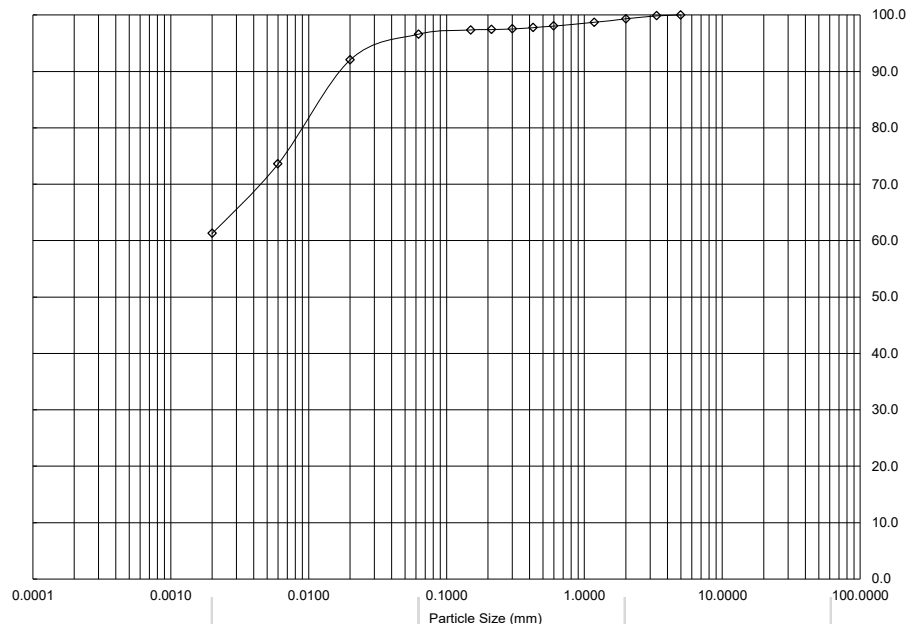
Site Name:				L4 Colt DCS Data Centre				Job Number:		21/3600	
Client:				HDCI Hayes London Limited				Date Reported:		12/01/2022	
Borehole No:		BH105		Sample Type/No.		UT 10		Top Depth:		2.00 m	
								Bottom Depth:		2.45 m	

Soil Description:

Stiff, orangish brown mottled grey slightly sandy gravelly silty CLAY. Gravel is fine to coarse flint; becoming orangish brown mottled bluish grey with no flint gravel at 2.16m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	99
1.180	99
0.600	98
0.425	98
0.300	98
0.212	97
0.150	97
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	92
0.006	74
0.002	61



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.7
Sand	2.7
Silt	35.3
Clay	61.3



4503

Remarks: Sample tested below 2.16m

The results reported relate only to the items tested or sampled.

Date - samples received:		16/09/2021	
Date - sample testing commenced :	26/10/2021	Checked / Approved by:	KM
Date - sample testing completed :	06/11/2021	Date Approved:	22/12/2021

Approved Signatories: L Griffin LG (QA Technical & Lab Mngr) – K Mazerant KM (Lab Mngr)

CONCEPT
47-49 Brunel Road, London W3 7XR
Tel: 02087401553
Email: lab@conceptconsultants.co.uk

CONCEPT SITE INVESTIGATIONS

PARTICLE SIZE DISTRIBUTION

TEST REPORT

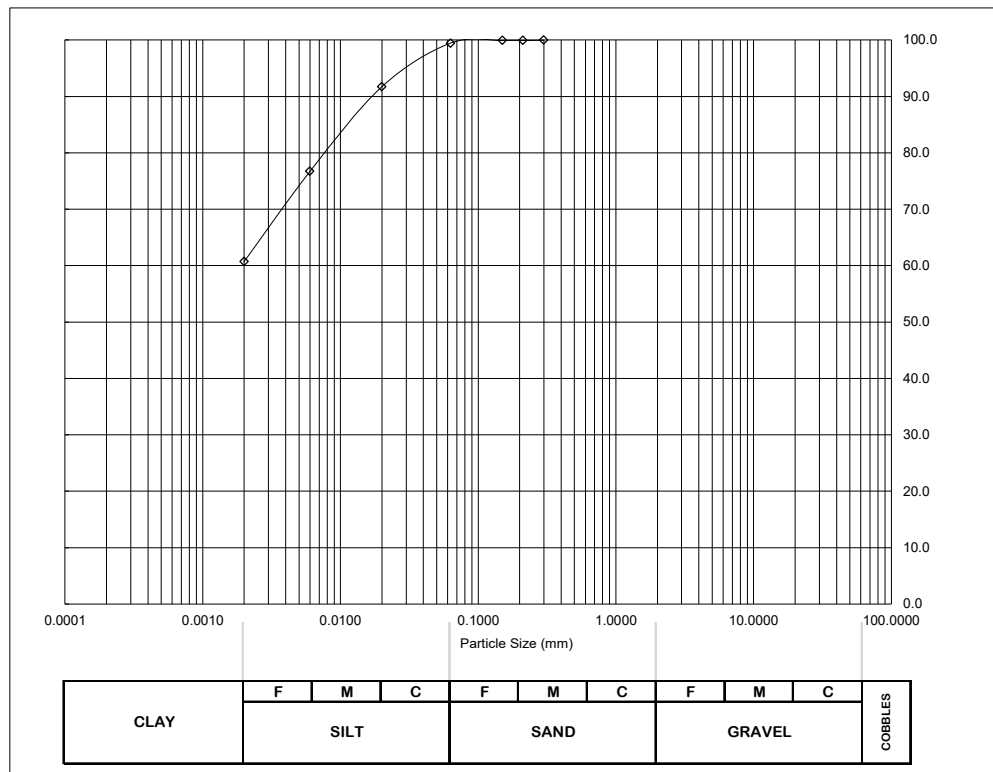
Site Name:	L4 Colt DCS Data Centre	Job Number:	21/3600
Client:	HDCI Hayes London Limited	Date Reported:	12/01/2022
Borehole No:	BH105	Sample Type/No.	U 19
		Top Depth:	3.50 m
		Bottom Depth:	3.95 m

Soil Description:

Stiff, extremely closely fissured greyish brown mottled bluish grey slightly micaceous silty CLAY with a pocket of shell fragments (<5mm) at 3.73m

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	92
0.006	77
0.002	61



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.6
Silt	38.7
Clay	60.7



4503

Remarks:

The results reported relate only to the items tested or sampled.

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Date - sample testing commenced :	26/10/2021	
Date - sample testing completed :	06/11/2021	
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TEST REPORT

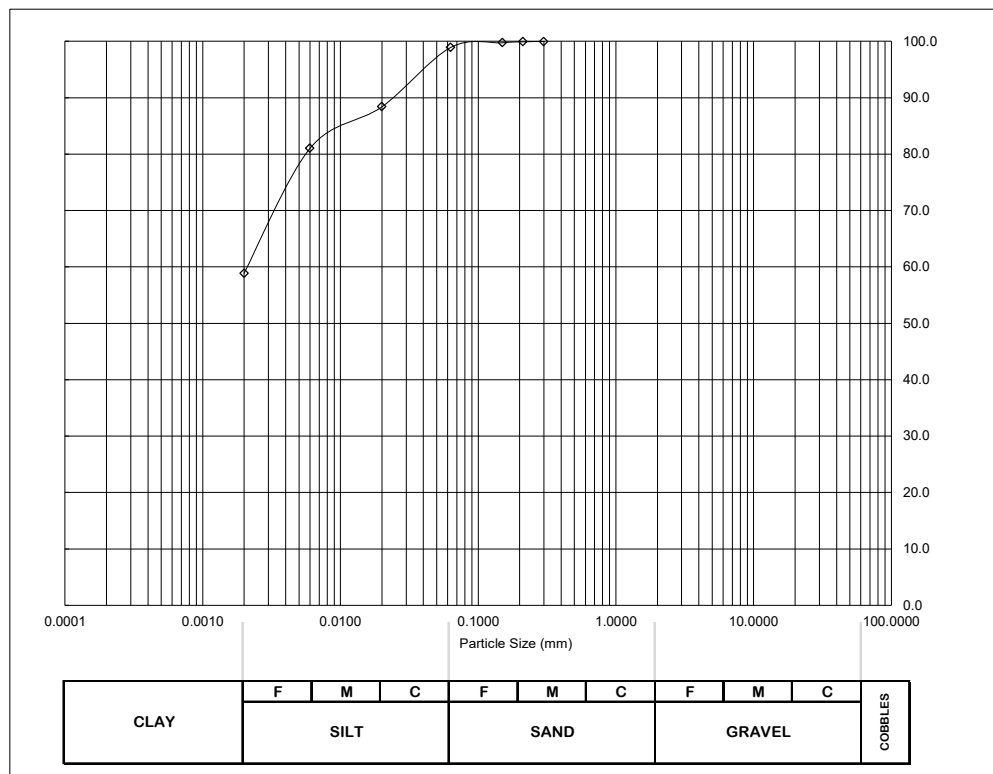
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 12/01/2022	
Borehole No: BH105	Sample Type/No. UT 20	Top Depth: 4.00 m		Bottom Depth: 4.45 m	

Soil Description:

Stiff, very closely fissured greyish brown mottled bluish grey slightly micaceous silty CLAY with occasional shell fragments (<5mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	88
0.006	81
0.002	59



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.1
Silt	40.0
Clay	58.9



4503

Remarks:

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Date - sample testing completed :	06/11/2021	
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CONCEPT SITE INVESTIGATIONS

PARTICLE SIZE DISTRIBUTION

TEST REPORT

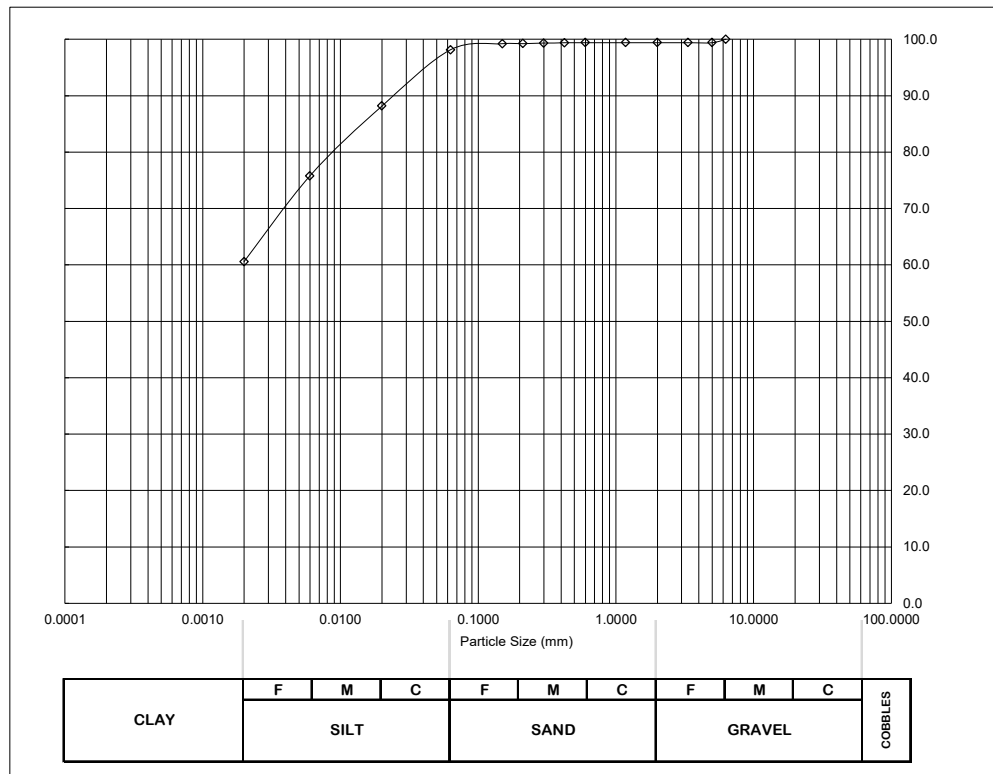
Site Name: L4 Colt DCS Data Centre			Job Number: 21/3600	
Client: HDCI Hayes London Limited			Date Reported: 12/01/2022	
Borehole No: BH105	Sample Type/No. U 24	Top Depth: 5.00 m	Bottom Depth: 5.45 m	

Soil Description:

Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY with rare pyrite nodules (<15mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	99
3.350	99
2.000	99
1.180	99
0.600	99
0.425	99
0.300	99
0.212	99
0.150	99
0.063	98

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	88
0.006	76
0.002	61



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	0.6
Sand	1.3
Silt	37.5
Clay	60.6



Remarks:

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Date - samples received:	16/09/2021	Checked / Approved by: KM Date Approved: 22/12/2021
Date - sample testing commenced :	26/10/2021	
Date - sample testing completed :	06/11/2021	
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PARTICLE SIZE DISTRIBUTION

TEST REPORT

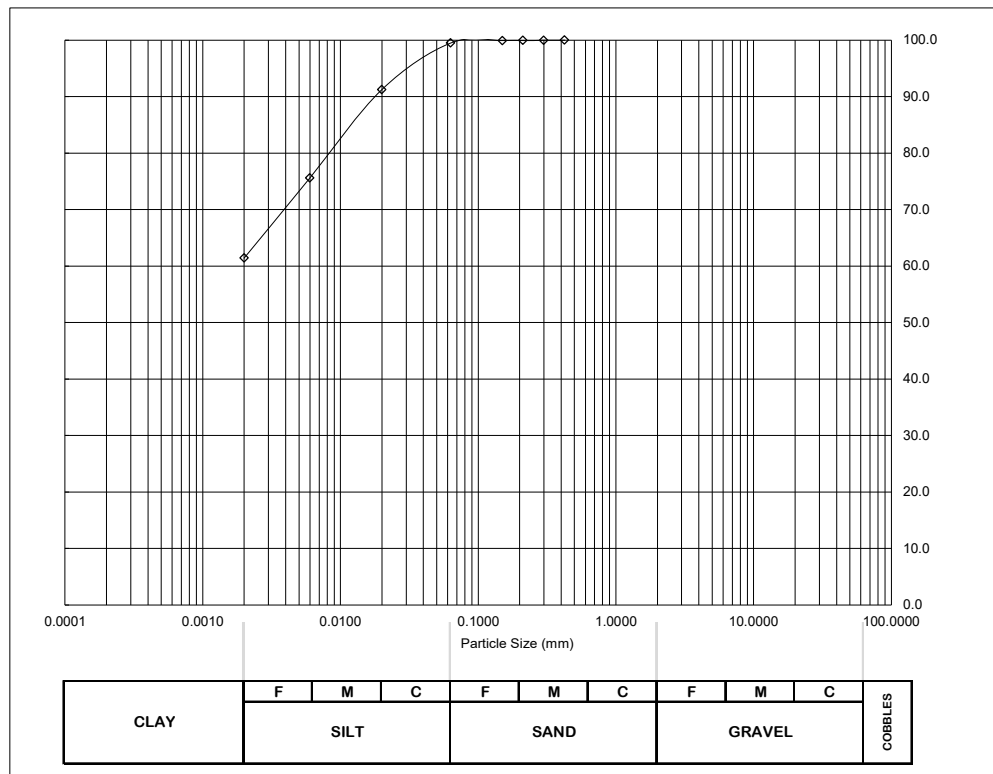
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 12/01/2022	
Borehole No: BH105	Sample Type/No. UT	30	Top Depth: 7.00 m	Bottom Depth: 7.45 m	

Soil Description:

Stiff, extremely closely fissured dark brown slightly micaceous silty CLAY

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	91
0.006	76
0.002	61



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	0.5
Silt	38.1
Clay	61.4



4503

Remarks:

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Date - sample testing completed :	06/11/2021	
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TEST REPORT

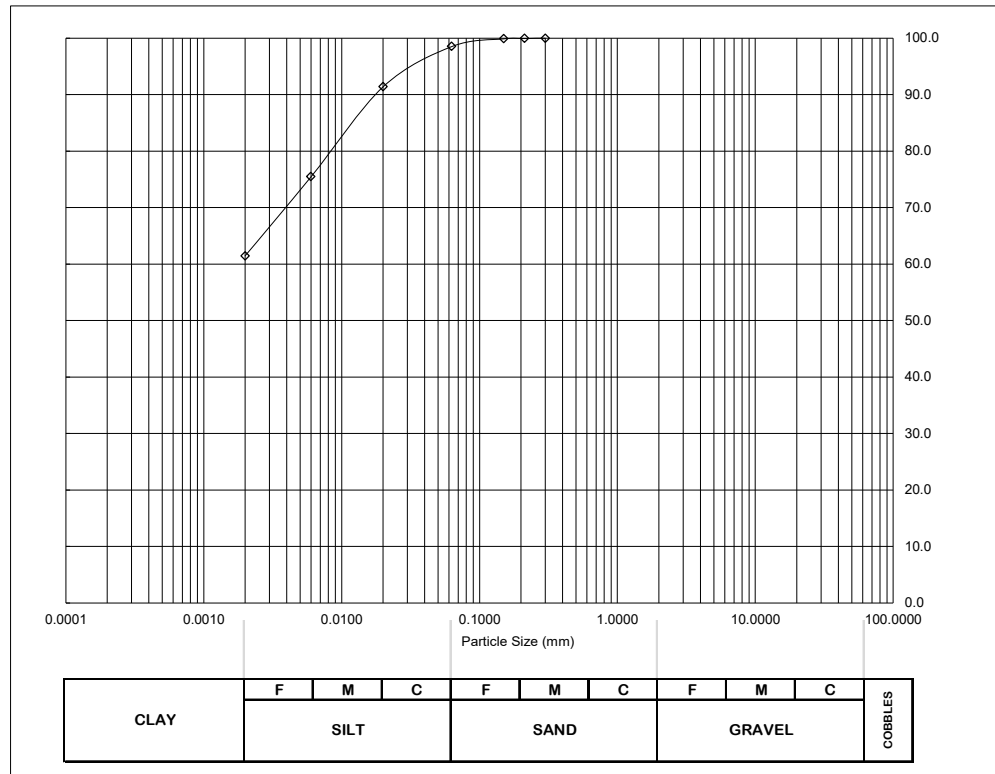
Site Name: L4 Colt DCS Data Centre			Job Number: 21/3600	
Client: HDCI Hayes London Limited			Date Reported: 12/01/2022	
Borehole No: BH105	Sample Type/No. U 34	Top Depth: 8.00 m	Bottom Depth: 8.45 m	

Soil Description:

Stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare shell fragments (<5mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	99

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	91
0.006	75
0.002	61



Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	1.5
Silt	37.1
Clay	61.4



Remarks:

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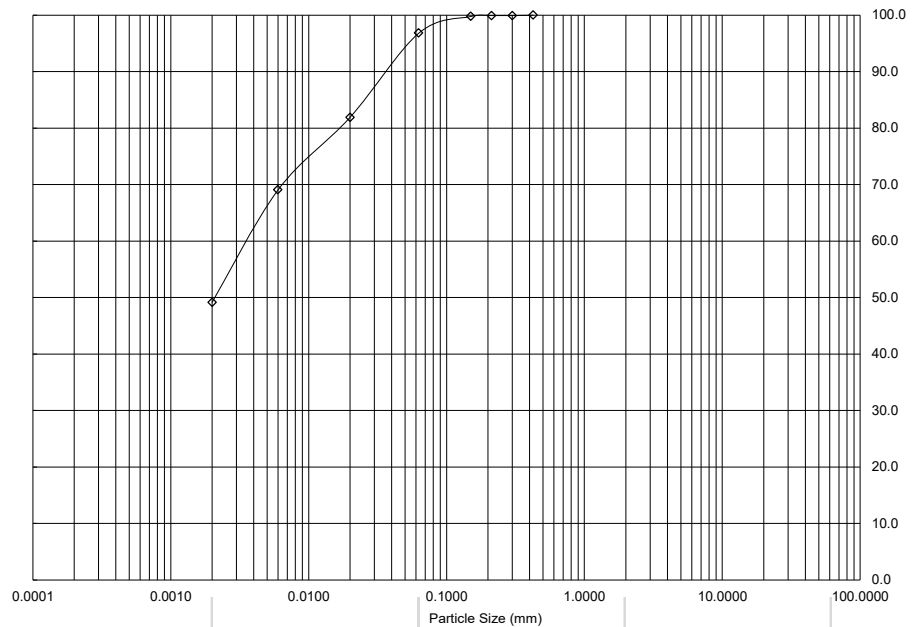
Site Name: L4 Colt DCS Data Centre				Job Number: 21/3600	
Client: HDCI Hayes London Limited				Date Reported: 12/01/2022	
Borehole No: BH105	Sample Type/No. U 39	Top Depth: 9.50 m		Bottom Depth: 9.95 m	

Soil Description:

Stiff, extremely closely fissured dark grey slightly micaceous silty CLAY with rare pyrite nodules (<10mm)

BS Test Sieves	
Size (mm)	% Passing
75.000	100
63.000	100
50.000	100
37.500	100
28.000	100
20.000	100
14.000	100
10.000	100
6.300	100
5.000	100
3.350	100
2.000	100
1.180	100
0.600	100
0.425	100
0.300	100
0.212	100
0.150	100
0.063	97

Sedimentation (*if applicable)	
Size (mm)	% Passing
0.020	82
0.006	69
0.002	49



CLAY	F	M	C	F	M	C	F	M	C	COBBLES
	SILT			SAND			GRAVEL			

Method/type:	Wet Sieving	BS 1377: Part 2: Clause 9.2: 1990 Determination of particle size distribution - wet sieving method.
	Pipette	BS 1377: Part 2: Clause 9.4: 1990 Determination of sedimentation by the pipette method.

Particle Proportions %	
Cobbles	
Gravel	
Sand	3.2
Silt	47.7
Clay	49.1



4503

Remarks:

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