

Preliminary Drilling Report

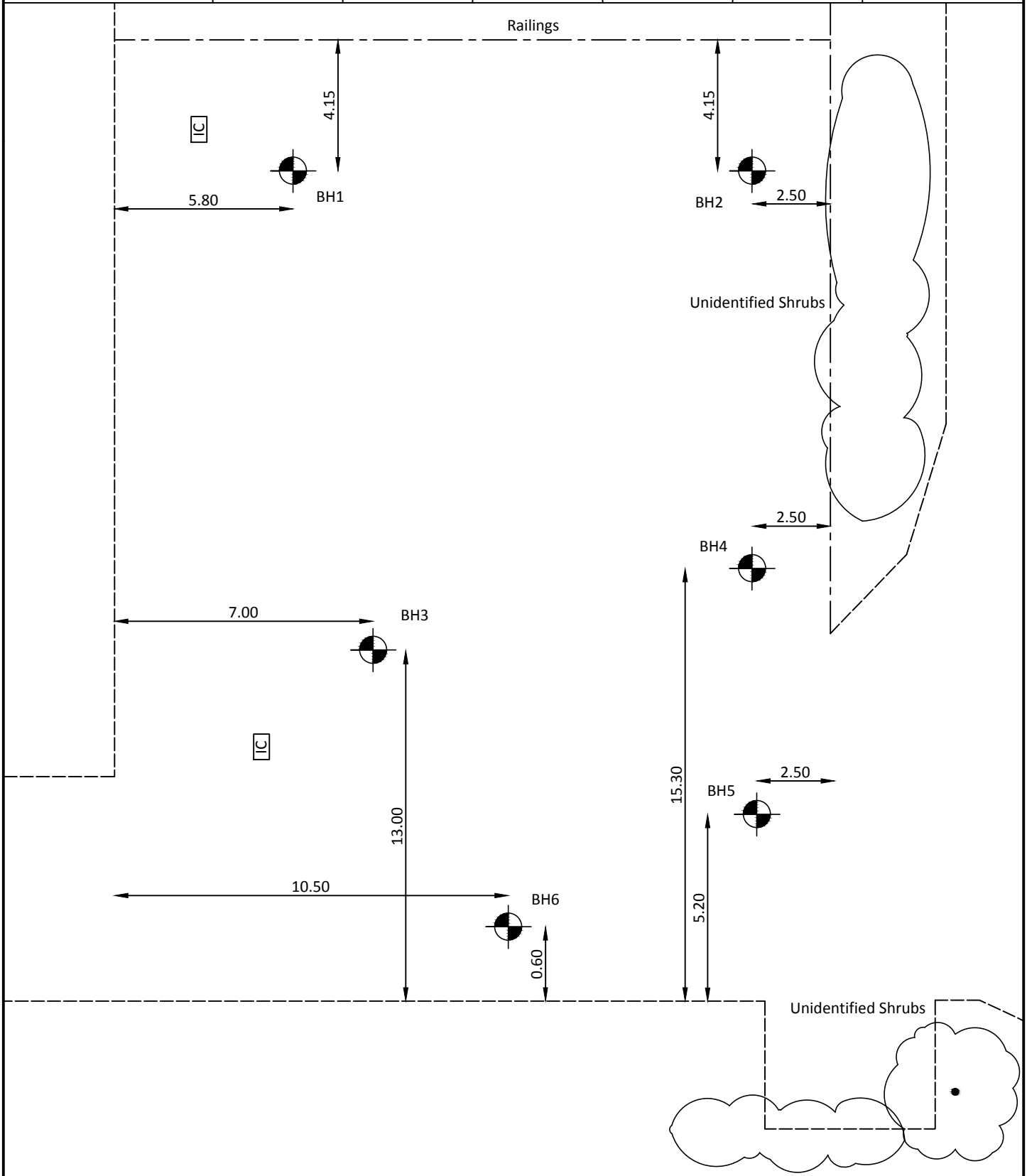


Site	Colt Data Centre Services Powergate Units 9 and 10 Powergate Business Park Park Royal North Acton NW10 6PW
Client	J Dunton Associates
Date	24th – 29 th April
Our Ref	Preliminary Drilling report/10698



Site: Colt Data Centre Services, Powergate Units 9 & 10, Powergate Business Park, Park Royal, North Acton, NW10 6PW		Client: J. Dunton Associates		Identification: SP	
Contract Number: 10698	Date: 24-29.04.19	Logged By: PE	Checked by: ME	Drawn by: JH	Sheet 1 of 1
Easting: ND	Northing: ND	Ground Level: ND	Plan: ND	Weather: Overcast	Scale: NTS


Sketch Site Plan







Remarks: On site tree identification for guidance only. Not authenticated.
All dimension in metres.


Key:

ND	NTS	IC		
No Data	Not to Scale	Inspection Cover	Tree/Shrub	Borehole

	Site: Colt Data Centre Services, Powergate Units 9 & 10, Powergate Business Park, Park Royal, North Acton, NW10 6PW			Client: J. Dunton Associates		Identification BH1
	Contract Number: 10698	Date: 24-29.04.19	Logged By: PE	Checked by: ME	Drawn by: JH	
Borehole Log	Easting: ND	Northing: ND	Ground Level: ND	Plant Used: CFA 150mmØ Geo 205	Weather: Overcast	Scale: NTS


Samples & In Situ Testing			Strata Details				Roots and Groundwater	
Depth (m)	Sample	Test Result	Depth (m)	Thickness (m)	Legend	Strata Description	Roots Information	Groundwater (m)
GL	D	SPT N=50+	GL	0.20		BLOCK/SAND	No roots observed.	
			0.20		CONCRETE			
0.50			0.30		MADE GROUND: Dark brown black silty sandy gravel with concrete and brick fragments.			
1.20			0.90					
BOREHOLE ENDS AT 1.20. OBSTRUCTION THOUGHT TO BE METAL/CONCRETE. TOO DENSE FOR DRILL TO PENETRATE.								

Remarks: Borehole 'dry' on completion. Borehole 'open' on completion. Tungsten chalk head worn. All dimensions in metres.	Key: ND No Data NTS Not to Scale CFA Continuous Flight Auger GL Ground Level D Small Disturbed Sample SPT Standard Penetration Test N Blow Count
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	Site: Colt Data Centre Services, Powergate Units 9 & 10, Powergate Business Park, Park Royal, North Acton, NW10 6PW		Client: J. Dunton Associates		Identification BH2
	Contract Number: 10698	Date: 24.04.19	Logged By: PE	Checked by: ME	
Borehole Log	Easting: ND	Northing: ND	Ground Level: ND	Plant Used: CFA 150mmØ Geo 205	Weather: Overcast
	Scale: NTS				
	Sheet 1 of 1				


Samples & In Situ Testing			Strata Details				Roots and Groundwater	
Depth (m)	Sample	Test Result	Depth (m)	Thickness (m)	Legend	Strata Description	Roots Information	Groundwater (m)
GL			GL	0.20		BLOCK/SAND	No roots observed.	
			0.20	0.10		CONCRETE		
0.50	D					MADE GROUND: Dark brown black very gravelly silty coarse SAND with numerous pieces of concrete, brick, plastic and metal pieces and fragments.		
1.00	D							
1.50	D	SPT N=50+						
2.00	D							
2.50	D			4.30				
3.00	D	SPT N=50+						
3.50	D							
4.00	D							
4.50	D	SPT N=50+						
BOREHOLE ENDS AT 4.60. OBSTRUCTION THOUGHT TO BE CONCRETE. TOO DENSE FOR DRILL TO PENETRATE.								



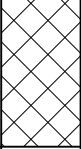

Remarks: Borehole 'dry' on completion. Borehole 'open' on completion. Tungsten chalk head worn. All dimensions in metres.	Key: ND No Data NTS Not to Scale CFA Continuous Flight Auger GL Ground Level D Small Disturbed Sample SPT Standard Penetration Test N Blow Count
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	Site: Colt Data Centre Services, Powergate Units 9 & 10, Powergate Business Park, Park Royal, North Acton, NW10 6PW		Client: J. Dunton Associates		Identification BH3
	Contract Number: 10698	Date: 24-29.04.19	Logged By: PE	Checked by: ME	
Borehole Log	Easting: ND	Northing: ND	Ground Level: ND	Plant Used: CFA 150mmØ Geo 205	Weather: Overcast
					Scale: NTS




Samples & In Situ Testing			Strata Details				Roots and Groundwater	
Depth (m)	Sample	Test Result	Depth (m)	Thickness (m)	Legend	Strata Description	Roots Information	Groundwater (m)
GL	D	SPT N=50+	GL	0.20	[Pattern]	BLOCK PAVING/SAND	No roots observed.	
0.20			0.10	CONCRETE				
0.30			0.90	[Pattern]	MADE GROUND: Dark brown black gravelly silty coarse sand with numerous concrete and brick fragments.			
0.50								
1.10						BOREHOLE ENDS AT 1.10. OBSTRUCTION THOUGHT TO BE CONCRETE. TOO DENSE FOR DRILL TO PENETRATE.		


Remarks: Borehole 'dry' on completion. Borehole 'open' on completion. All dimensions in metres.	Key: ND No Data NTS Not to Scale CFA Continuous Flight Auger GL Ground Level D Small Disturbed Sample SPT Standard Penetration Test N Blow Count
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	Site: Colt Data Centre Services, Powergate Units 9 & 10, Powergate Business Park, Park Royal, North Acton, NW10 6PW		Client: J. Dunton Associates		Identification BH4
	Contract Number: 10698	Date: 24-29.04.19	Logged By: PE	Checked by: ME	
Borehole Log	Easting: ND	Northing: ND	Ground Level: ND	Plant Used: CFA 150mmØ Geo 205	Weather: Overcast
					Scale: NTS

Samples & In Situ Testing			Strata Details				Roots and Groundwater	
Depth (m)	Sample	Test Result	Depth (m)	Thickness (m)	Legend	Strata Description	Roots Information	Groundwater (m)
GL	D	SPT N=50+	GL	0.20		BLOCK PAVING/SAND	No roots observed.	
			0.20		CONCRETE			
0.50			0.30		MADE GROUND: Dark brown black gravelly silty coarse sand with numerous concrete and brick fragments.			
1.40			0.90					
						BOREHOLE ENDS AT 1.40. DUE TO OBSTRUCTION TOO DENSE FOR DRILL TO PENETRATE.		

Remarks: Borehole 'dry' on completion. Borehole 'open' on completion. All dimensions in metres.	Key: ND No Data NTS Not to Scale CFA Continuous Flight Auger GL Ground Level D Small Disturbed Sample SPT Standard Penetration Test N Blow Count
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		Site: Colt Data Centre Services, Powergate Units 9 & 10, Powergate Business Park, Park Royal, North Acton, NW10 6PW			Client: J. Dunton Associates		Identification BH5		
		Contract Number: 10698	Date: 24-29.04.19	Logged By: PE	Checked by: ME	Drawn by: JH			Sheet 1 of 1
Borehole Log		Easting: ND	Northing: ND	Ground Level: ND	Plant Used: CFA 150mmØ Geo 205	Weather: Overcast	Scale: NTS		
		Samples & In Situ Testing			Strata Details			Roots and Groundwater	
		Depth (m)	Sample	Test Result	Depth (m)	Thickness (m)	Legend	Strata Description	Roots Information
GL			GL			CONCRETE over STEEL MAT (6mmØ)	No roots observed.		
0.50	D		0.40	0.40					
				0.10		MADE GROUND: Lean mix concrete.			
						BOREHOLE ENDS AT 0.60. DUE TO OBSTRUCTION TOO DENSE FOR DRILL TO PENETRATE.			
Remarks: Borehole 'dry' on completion. Borehole 'open' on completion. Tungsten chalk head worn. All dimensions in metres.						Key: ND No Data NTS Not to Scale CFA Continuous Flight Auger GL Ground Level D Small Disturbed Sample			

	Site: Colt Data Centre Services, Powergate Units 9 & 10, Powergate Business Park, Park Royal, North Acton, NW10 6PW		Client: J. Dunton Associates		Identification BH6
	Contract Number: 10698	Date: 24-29.04.19	Logged By: PE	Checked by: ME	
Borehole Log	Easting: ND	Northing: ND	Ground Level: ND	Plant Used: Hand Auger	Weather: Overcast
					Scale: NTS

Samples & In Situ Testing			Strata Details				Roots and Groundwater	
Depth (m)	Sample	Test Result	Depth (m)	Thickness (m)	Legend	Strata Description	Roots Information	Groundwater (m)
GL			GL	0.10		TOPSOIL	No roots observed.	
0.50	D			0.70		MADE GROUND: Dark brown gravelly sandy silt with numerous pieces of concrete and brick rubble.		
			0.80			STARTER BOREHOLE ENDS AT 0.80. TOO DENSE TO HAND AUGER/EXCAVATE.		

Remarks: Borehole 'dry' on completion. Borehole 'open' on completion. All dimensions in metres.	Key: ND No Data NTS Not to Scale CFA Continuous Flight Auger GL Ground Level D Small Disturbed Sample
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REPORT NOTES

Equipment Used

Hand tools, Mechanical Concrete Breaker and Spade, Hand Augers, 100mm/150mm diameter Mechanical Flight Auger Rig, GEO205 Flight Auger Rig, Window Sampling Rig, and Large or Limited Access Shell & Auger Rig upon request and/or access permitting.

On Site Tests

By Pilcon Shear-Vane Tester (kN/m) in clay soils, and/or Mackintosh Probe in granular soils or made ground and/or upon request Continuous Dynamic Probe Testing and Standard Penetration Testing.

Note:

Details reported in trial-pits and boreholes relate to positions investigated only as instructed by the client or engineer on the date shown.

We are therefore unable to accept any responsibility for changes in soil conditions not investigated i.e. variations due to climate, season, vegetation and varying ground water levels.

Full terms and conditions are available upon request.

i2 SAMPLE CHAIN OF CUSTODY RECORD

No



7 Woodshots Meadow
Croxley Green Business Park

Watford
WD18 8YS

t: 01923 225404
f: 01923 237404

Client: **Chelmer Global**
Address: Unit 7 Hall Road Industrial Estate Hall Road Southminster Essex CM0 7DA
client e-mail: info@chelmerglobal.co.uk
Project/Site Name: Site on Acton Lane Power Station North Acton
Project/Site Code: 10698
Contact Name: Martin Edwards
01245 400 930 Fax:

Date samples dispatched: 03/05/2019
Samples delivered/collected by: CGL
Sampler I.d.
Turnaround time/date results due: **7 Days**

sheet 1 of 1
One project/ site per sheet please
Client PO

reception@i2analytical.com

Please indicate the analysis required for each sample by marking the boxes

Lab Use	BH or TP or Sample ID	Depth (m)	Date sample taken	Time sample taken	S - soil, W - water, L - leachate, O - other	no. of containers	ENV 1 Full Suite inc Speciated TPH	Organic Matter Content	Asbestos Screening	WAC	Speciated VOC	Speciated SVOC								Sample UID Number	Sample Specific Notes/ Container types (Lab use Only)
	BH1	0.50	29/04/2019		S		X	X			X										
	BH2	1.00	29/04/2019		S				X												
	BH3	0.50	29/04/2019		S							X									
	BH4	0.50	29/04/2019		S					X		X									
	BH5	0.50	29/04/2019		S				X												
	BH6	0.50	29/04/2019		S		X	X			X										

Total no. of samples: Possible Hazard Identification

Special instructions / QC; requirements & comments: Non-Hazard Hazardous Unknown

avg. transport temp.
hours in transport

Sample disposal (a fee maybe assessed if samples are retained longer than 1 month) return to client disposal by lab archive for

i2 QUOTE NO

LAB USE ONLY

Data received: time: by:
Data instructed: time: by:

Laboratory notes