

# **Preliminary Drilling Report**



Site | Colt Data Centre Services

Powergate Units 9 and 10

Powergate Business Park

Park Royal

North Acton

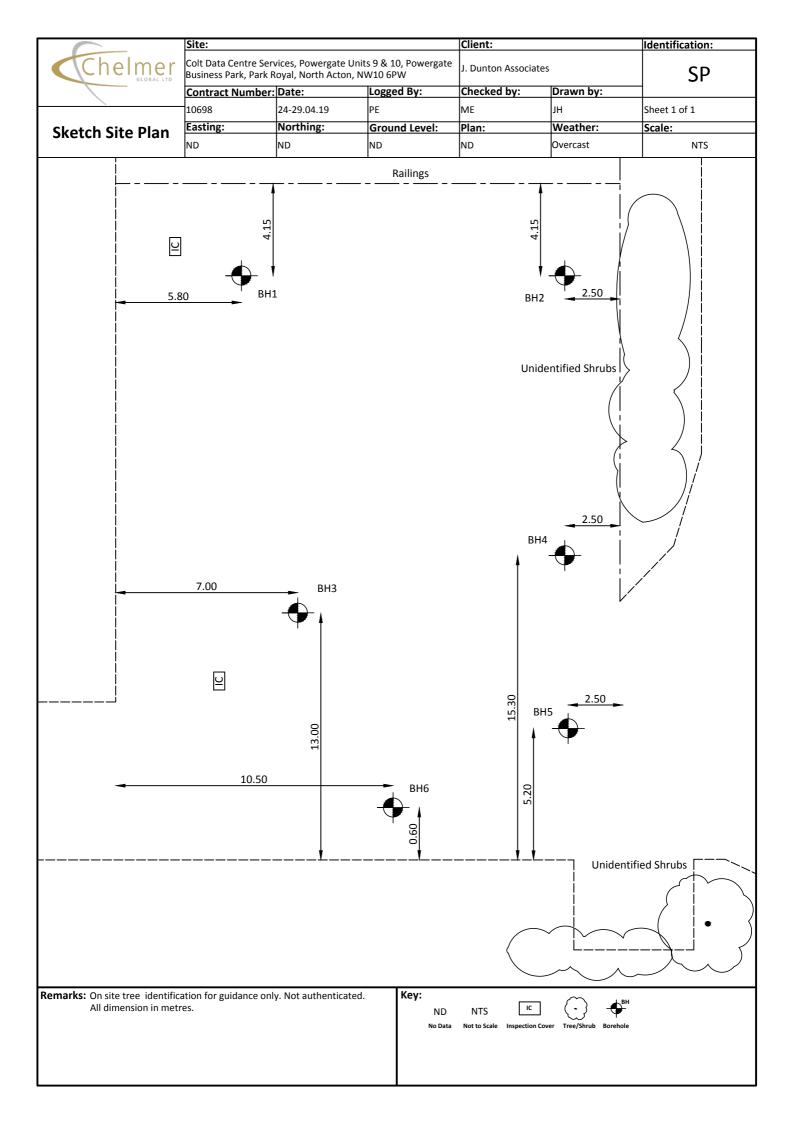
NW10 6PW

**Client** J Dunton Associates

Date 24th - 29<sup>th</sup> April

Our Ref | Preliminary Drilling report/10698

**Chelmer Global Ltd** Essex: 01245 400930 | info@chelmerglobal.co.uk |



								Client:				Identification		
	Cho	lmor					ts 9 & 10, Powergate	J. Dunton Ass	a ciatas					
	CHE	elmer	Business Pa	ark, Park I	Royal, Noi	th Acton, N	W10 6PW					BH	<del>1</del> 1	
		_	Contract	Number	: Date:		Logged By:	Checked by	:	Drawn b	y:			
			10698		24-29.04		PE	ME		JH		Sheet 1 of 1		
Во	oreho	le Log	Easting:		Northir	ıg:	Ground Level:	Plant Used:		Weather	:	Scale:		
			ND		ND		ND	CFA 150mm@	Geo 205	Overcast	NTS			
Samp Depth	les & In Sit	u Testing	Depth	Thickness			Strata Details	•				Roots and Grous	indwater Groundwater	
(m)	Sample	Test Result	(m)	(m)	Legend		Strata Description						(m)	
· GL			GL	0.20		BLOCK/SAND	)				No ro	ots observed.		
			0.20 0.30	0.10		CONCRETE MADE GROU	IND: Dark brown black si							
0.50	D				$\times \times \rangle$	fragments.	TVD. Dark brown black s							
				0.90										
· -														
1.20		SPT N=50+					BOREHOLE E	ENDS AT 1.20.	DETE					
							TOO DENSE FOR D	RILL TO PENETRATE.	NEIE.					
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Remark				<u> </u>				Key:						
Borehole	'dry' on co	mpletion.						ND NTS	No Data Not to Scale		SPT N	Standard Per Blow Count	netration Test	
Tungsten	chalk head	l worn.						CFA	Continuous Fli	ght Auger	IN	BIOW COUNT		
All dimen	sions in me	etres.						GL D	Ground Level Small Disturbe	ed Sample				

			Site:					Client:			Identification		
	Che	elmer	Colt Data (	Centre Ser	vices, Pov	vergate Unit	s 9 & 10, Powergate		n Associates			BH2	
	1	GLOBAL LTD	Contract			TIT ACTOIL, IN	Logged By:	Checked	d hv·	Drawn by	<b>,</b>	DI	12
			10698	<u>ivanibei</u>	24.04.19	)	PE	ME	и Бу.	JH		Sheet 1 of 1	
D	araha	lo Log	Easting:		Northir		Ground Level:	Plant Us	sed:	Weather	- 1	Scale:	
В	Jieno	le Log	ND		ND		ND	1		Overcast	NTS		
Samp	oles & In Si	tu Testing	Ч—				Strata Details					Roots and Gro	
Depth (m)	Sample	Test Result	Depth (m)	Thickness (m)	Legend		Strata	Description	n		Roots	Information	Groundwater (m)
- GL			GL	0.20		BLOCK/SAND					No ro	ots observed.	()
			0.20 0.30	0.10	XX	CONCRETE							
0.50	D						ND: Dark brown black vo eces of concrete, brick, p						
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 E OBSTRUCTION THOU	NDS AT 4.60.	NCRETE				
- - -							TOO DENSE FOR DI	RILL TO PENETI	RATE.				
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Borehole Tungsten	'dry' on co	completion. d worn.						1	Key:  ND No Data  NTS Not to Scale  CFA Continuous Fli  GL Ground Level	ight Auger	SPT N	Standard Pe Blow Count	netration Test
									D Small Disturbe	ed Sample			

-								Client:			Identification			
	Ch	lmor	Site: Colt Data (	Centre Sei	vices, Pov	wergate Unit	ts 9 & 10, Powergate							
	Che	elmer	Business P	ark, Park	Royal, Noi	th Acton, N	W10 6PW	J. Dunton Asso	ociates			BH3		
		_	Contract	Number	: Date:		Logged By:	Checked by:	Checked by: Dr.		y:			
			10698		24-29.04	1.19	PE	ME		JH		Sheet 1 of 1		
Вс	oreho	le Log	Easting:		Northir	ng:	Ground Level:	Plant Used:		Weather	: Scale:			
			ND		ND		ND	CFA 150mmØ Geo 205 Overcast			NTS			
	les & In Si	tu Testing					Strata Details		, <u> </u>		R	Roots and Groundwater		
Depth (m)	Sample	Test Result	Depth (m)	Thickness (m)	Legend		Strata	Description			Roots	Information	Groundwater (m)	
- GL			GL		F. M 4.	BLOCK PAVIN	IC/SAND				No roo	ots observed.		
			0.20 0.30	0.20 0.10	4	CONCRETE		10000	ots observed.					
- - 0.50	D		0.50		$\times$	MADE GROU	IND: Dark brown black g d brick fragments.							
				0.90	$\times \times$	control etc unit	a priek riagineritar							
1.10		SPT N=50+												
		BOREHOLE ENDS AT 1.10.  OBSTRUCTION THOUGHT TO BE CONCRETE.  TOO DENSE FOR DRILL TO PENETRATE.												
[							100 52115210115	THE TO TENETION E.						
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Remark		malatica						Key:	No Det-		CD-	Ctords de	notration Total	
Borehole		completion.						NTS	No Data Not to Scale		SPT N	Standard Pe Blow Count	netration Test	
All dimen	sions in me	etres.							Continuous Flig Ground Level	ght Auger				
									Small Disturbe	d Sample				

			Site:					Client:				Identification		
	Cho	- Imar					s 9 & 10, Powergate	J. Dunton Ass	sociates		BH4			
	CIT	elmer				rth Acton, N		Checked by		Duaren h		BF	14	
			Contract 10698	Number	24-29.04	1 10	Logged By:	ME		Drawn b		Sheet 1 of 1		
D	a do bo	ام ا مم	Easting:		Northin		Ground Level:	Plant Used:		Weather		Scale:		
В	Jieno	le Log	ND		ND	-0-	ND	CFA 150mm@		Overcast	NTS		ΓS	
Samp	les & In Sit	u Testing	1				Strata Details					Roots and Grou	ındwater	
Depth (m)	Sample	Test Result	Depth (m)	Thickness (m)	Legend		Strata	Description			Root	s Information	Groundwater (m)	
GL			GL	0.20	i di kacina	BLOCK PAVIN	IG/SAND	No ro	ots observed.					
			0.20 0.30	0.10		CONCRETE	ND: Dark brown black g							
0.50	D				$\bowtie$	concrete and	brick fragments.							
				0.90	$\rangle\rangle$									
- ·														
1.40		SPT N=50+					PODE/IOLE I	NDC AT 1 40						
<del>-</del>							DUE TO OF	ENDS AT 1.40. SSTRUCTION RILL TO PENETRATE.						
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Remark Borehole	'dry' on co	mpletion.						Key:	No Data		SPT	Standard Per	netration Test	
Borehole		ompletion.							Not to Scale Continuous Fli	ght Auger	N	Blow Count		
								GL D	Ground Level Small Disturbe					
								I	שוויונים ווייונים	a sample				

		Site:					Client:			Identification			
d	Che	elmer	Colt Data C Business Pa	entre Ser ark, Park F	vices, Pov Royal, Nor	vergate Unit th Acton, N	ts 9 & 10, Powergate W10 6PW	J. Dunto	n Associates			BH	15
		_	Contract	Number:	Date:		Logged By:	Checke	d by:	Drawn by	y:		
			10698		24-29.04	1.19	PE	ME		JH		Sheet 1 of 1	
Ro	raha	le Log	Easting:		Northin	ıg:	Ground Level:	Plant Used:		Weather	:	Scale:	
Ъ(	,, С110		ND		ND		ND			Overcast		N-	ГS
Samp	les & In Si	tu Testing					Strata Details				Roots and Grou	1	
Depth	Sample	Test Result	Depth	Thickness	Legend			Descriptio	n			s Information	Groundwater
(m) GL			(m) GL	(m)									(m)
				0.40		CONCRETE ON	ver STEEL MAT (6mmØ)				No ro	oots observed.	
0.50			0.40		X X	144 DE CDOU	ND 1	-					
0.50	D			0.10	$\times \times \rangle$	MADE GROUI	ND: Lean mix concrete.	ENDS AT 0.60.			1		
							DUE TO OB TOO DENSE FOR DE	STRUCTION	RATE.				
•													
'													
,													
Remark		mpletion.							Key: ND No Data				
Borehole '	open' on	completion.						NTS Not to Scale					
	chalk hea sions in m								CFA Continuous Fli GL Ground Level	ght Auger			
									D Small Disturbe	ed Sample			

			Site:					Client:				Identification		
d	Che	elmer	Colt Data C Business Pa	entre Ser ark, Park F	vices, Pov Royal, Noi	wergate Uni th Acton, N	ts 9 & 10, Powergate W10 6PW	J. Dunto	n Associates			BH	16	
			Contract I	Number:	Date:		Logged By:	Checked	d by:	Drawn by	y:			
			10698		24-29.04	1.19	PE	ME	JH			Sheet 1 of 1		
Bo	reho	le Log	Easting:		Northir	ng:	Ground Level:	Plant Us	Plant Used: Weath		:	Scale:		
-	, C	.c <u>-</u> 05	ND		ND		ND	Hand Au	ger	Overcast		N.	TS	
Samp	les & In Si	tu Testing					Strata Details					Roots and Grou	ındwater	
Depth (m)	Sample	Test Result	Depth (m)	Thickness (m)	Legend		Strata	Description	n		Root	ts Information	Groundwater (m)	
GL			GL		//\	TOPSOIL					No re	acts observed	()	
(m)	D D	Test Result	(m)	0.10 0.70	\/\\\\	TOPSOIL MADE GROU concrete and	ND: Dark brown gravelly I brick rubble.  STARTER BOREH TOO DENSE TO HAN	es of		ts Information Dots observed.	(m)			
Remark	:s:							li	Key:					
Borehole ' Borehole '	'dry' on co	mpletion. completion. etres.			[	ND No Data  NTS Not to Scale  CFA Continuous Fli  GL Ground Level  D Small Disturbe								



# **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	E CHAIN	OF C	USTOD	Y RECO	RD										No		
		7 Woodshots N		Client:		ner Globa							Date sar	nples di	spatched:			03/05/		sheet 1
ilytical		Croxley Green	Business Park	Address:		Unit 7 H CM0 7D	all Road Ir A	ndustrial I	Estate Ha	ll Road S	outhminst	er Essex	Samples		ed/collected	d by:			CGL	of 1
Ans	17	Watford		client e-m	ail:	info@ch	elmerglob	al.co.uk					Sampler	I.d.						0
		WD18 8YS		Project/Si	te Nan	ne:	Site on A	cton Lane	Power S	tation No	rth Acton									One project/ site per sheet please
Environmenta	Science			Project/Si	te Cod	e:	10698	0698					Turnor	ound tim	o/doto roo	ulto duo:		7 Da		
		t: 01923 22540	4	Contact N	lame:		Martin Edwards					Turnaround time/date results due:					7 08	ays	Client PO	
		f: 01923 23740	4	01245 400	930				Fax:											
	re		analytical.com	1					Ple	ease indic	ate the ar	nalysis re	quired for	each sa	mple by ma	arking the l	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		х	х			х									
	BH2	1.00	29/04/2019		S				х											
	ВН3	0.50	29/04/2019		S							х								
	BH4	0.50	29/04/2019		S					х		х								
	BH5	0.50	29/04/2019		S				Х											
	BH6	0.50	29/04/2019		S		х	х			х									
	BHO	0.50	23/04/2013																	
											1									
		tal no. of sample			6	ř	Hazard Id	dentificati I	on	ı		1	1			1				
Sį	pecial instruct	nts:	Non-Hazard Hazardous							Unknown avg. transport temp. hours in transport										
Sample disposal (	a fee maybe	assessed if sam	ples are retained lo	onger than 1	month)	)				return to c	lient			disposal			archi	ve for		i2 QUOTE NO
LAB USE ONL	AB USE ONLY											1	Laboratory notes				1			
ata received:				time:					by:											
Data instructed:				time:					hv:											1