

Site Stage 1 Site Investigation, Bishopton	Number 1645
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Excavation Method Window sample	Dimensions 0.10m Diameter to 4.00m	Ground Level (mOD) 10.50	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 243573 E 669885 N	Dates 27/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
						Grass over MADE GROUND: orange black fine to medium angular blaes, brick and clinker gravel with rare porcelain fragments.		
		0.2 ppm		10.10	(0.40)	Soft to firm dark grey CLAY.		
		0.1 ppm		9.80	(0.30)	Soft to firm olive grey brown slightly sandy mottled CLAY.		
		0.1		9.30	(0.50)			
		0		9.25	1.20	Coarse sub-rounded COBBLE.		
		0 ppm		8.70	1.25	Firm stiff brown CLAY with rare plant remains.		
		0 ppm		8.10	(0.55)	Olive brown SILT with a little iron staining.		
		0 ppm		7.70	1.80	Brown light grey laminated SILT.		
		0 ppm		7.30	2.40	Red brown silty gravelly SAND. Gravel is fine to coarse angular.		
		0 ppm		6.50	(0.40)	Stiff red brown sandy gravelly CLAY. Gravel is fine to coarse angular sandstone and schist.		
		0 ppm			(0.80)			
					4.00	Complete at 4.00m		

Remarks Photo-ionisation detector (PID) readings given in field records column. Location and ground level are approximate.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1645	

Excavation Method Window sample	Dimensions 0.10m Diameter to 3.80m	Ground Level (mOD) 11.00	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 243602 E 669895 N	Dates 27/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
				10.70	(0.30) 0.30	Grass over brown slightly sandy fine to medium gravelly SILT (TOPSOIL).		
				10.00	(0.70) 1.00	MADE GROUND: soft to firm brown sandy gravelly silt/clay. Gravel is fine to coarse angular with rare ceramic tile and glass fragments. Groundwater seep at 1.0m.		▽1
	0.4 ppm Water strike(1) at 1.00m.			10.00	1.00	MADE GROUND: reworked soft pinky grey/brown slightly sandy fine to medium sub-angular gravelly CLAY.		
	0.5 ppm			9.00	(1.00) 2.00	Soft grey slightly gravelly CLAY. Gravel is fine to medium angular with rare fragments of wood and brick.		
	2.4 ppm			8.00	(1.00) 3.00	Soft grey slightly sandy gravelly SILT/CLAY with some wood fragments.		
	0.8 ppm			7.50	(0.30) 3.50	Very stiff brown slightly sandy fine to medium angular gravelly CLAY.		
	0 ppm			7.20	(0.30) 3.80	Complete at 3.80m		

Remarks Unable to progress below 3.80m.bgl due to obstructions. Photo-ionisation detector (PID) readings given in field records column. Location and ground level are approximate.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1646	

Site Stage 1 Site Investigation, Bishopton	Number 1647
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Excavation Method Window sample	Dimensions 0.10m Diameter to 4.50m	Ground Level (mOD) 11.00	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 243595 E 669869 N	Dates 27/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
						Grass over MADE GROUND: brown fine to coarse angular to sub-angular gravelly silt. Gravel is blaes. Rootlets near surface.		
			3.4 ppm Water strike(1) at 0.90m.	10.60	(0.40) 0.40	MADE GROUND: black and orange sandy fine to coarse angular to sub-angular GRAVEL of blaes, brick and concrete.		▽1
			1.1 ppm	10.10	(0.50) 0.90	Stiff brown slightly mottled orange CLAY with rare charcoal fragments.		
			2.1 ppm	9.60	(0.50) 1.40	Soft light grey/turquoise laminated SILT. Visible hydrocarbons and odour.		
			1.9 ppm	8.80	(1.10) 2.20	Stiff brown gravelly CLAY. Gravel is fine to medium angular.		
			0 ppm	7.70	(1.20) 3.30	Stiff brown slightly sandy gravelly CLAY. Gravel is fine to medium angular to sub-angular of quartzite, schist and sandstone with rare pockets of green sand.		
			0 ppm	6.50	4.50	Complete at 4.50m		

Remarks Location and ground level are approximate. Photo-ionisation detector (PID) readings given in field records column.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1647	

Excavation Method Window sample	Dimensions 0.10m Diameter to 4.00m	Ground Level (mOD) 10.50	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 243593 E 669889 N	Dates 27/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
						Grass over dark brown slightly sandy fine to coarse gravelly SILT (TOPSOIL).		
			0.8 ppm Water strike(1) at 0.80m.	10.10	(0.40) 0.40	MADE GROUND: soft to firm dark brown medium to coarse angular gravelly clay with many concrete and brick fragments.		∇1
			3.1 ppm	9.50	1.00 (0.60)	Soft dark brown to black slightly sandy gravelly SILT/CLAY. Hydrocarbon odour.		
			0.1 ppm	8.90	1.60 (0.40)	Very stiff olive green and brown laminated CLAY with rare plant remains.		
				8.50	2.00 (1.00)	NO RECOVERY.		
				7.50	3.00 (0.30)	Soft grey SILT.		
			0.1 ppm	7.20	3.30 (0.70)	Firm to stiff brown/grey CLAY.		
			0.2 ppm	6.50	4.00	Complete at 4.00m		

Remarks Location and ground level are approximate. Photo-ionisation detector (PID) readings given in field records column. Unable to advance due to gravel collapsing in.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1648	

Excavation Method Window sample	Dimensions 0.10m Diameter to 4.00m	Ground Level (mOD) 10.50	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 243595 E 669877 N	Dates 27/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
					(0.50)	Grass over brown to black silty fine to medium gravelly SILT (TOPSOIL). Visible hydrocarbons and strong odour.		
		21.1 ppm		10.00	0.50	MADE GROUND: orange and black fine to medium sandy gravel of blaes and brick. Visible hydrocarbons and strong odour.		V1
		Water strike(1) at 0.90m. 9.5 ppm		9.70	0.30			
		4.7 ppm		9.30	1.20	Firm to stiff olive green brown and grey gravelly CLAY. Gravel is fine to medium angular to sub-angular. Groundwater at 0.9m with sheens of hydrocarbon.		
				8.80	1.70	Stiff olive green brown CLAY. Hydrocarbon odour.		
		2.4 ppm		8.40	2.10	Grey and brown laminated SILT. Hydrocarbon odour.		
		0 ppm		7.90	2.60	Very stiff red brown sandy fine angular gravelly CLAY.		
		0.6 ppm		7.00	3.50	Stiff grey sandy CLAY.		
				6.50	4.00	Stiff brown fine sandy angular gravelly CLAY.		
						Complete at 4.00m		

Remarks The elevated readings from 3.20m and 3.90m are most likely due to extreme weather conditions affecting the instrument, as the material appeared clean. Photo-ionisation detector (PID) readings given in field records column. Location and ground level are approximate.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1649	

Excavation Method Window sample	Dimensions 0.10m Diameter to 2.40m	Ground Level (mOD) 10.50	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 243595 E 669906 N	Dates 27/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
				10.45	0.05	MADE GROUND: tarmac.		
				10.35	0.15 (0.10)	MADE GROUND: black fine to medium angular to sub-angular gravel with rare brick fragments.		▽1
			Water strike(1) at 0.40m. 0.1 ppm	10.10	0.40 (0.25)	MADE GROUND: orange and black fine to medium sandy gravel of blaes and brick. Sheens of hydrocarbon on water.		
			0.1 ppm	9.40	1.10 (1.00)	Firm grey slightly sandy gravelly CLAY. Gravel is fine to medium angular. Soft grey brown sandy fine angular gravelly CLAY.		
			0 ppm	8.40	2.10 (0.30)	Soft dark grey very sandy fine to medium angular gravelly CLAY.		
			0 ppm	8.10	2.40	Complete at 2.40m		

Remarks Obstruction at 2.40m.bgl. Photo-ionisation detector (PID) readings given in field records column. Location and ground level are approximate.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1650	

Excavation Method Window sample	Dimensions 0.10m Diameter to 2.70m	Ground Level (mOD) 16.00	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 242600 E 670893 N	Dates 28/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
				15.90	0.10 (0.30)	MADE GROUND: tarmac.		
				15.60	0.40 (0.30)	MADE GROUND: concrete.		
				15.30	0.70	MADE GROUND: orange fine to coarse blaes and brick gravel		
		0 ppm				Soft grey/brown CLAY.		
			Water strike(1) at 1.30m.		(0.80)			▽1
				14.50	1.50 (0.60)	Brown fine to medium angular to sub-rounded gravelly SAND.		
		0 ppm						
				13.90	2.10 (0.30)	Grey weathered SANDSTONE recovered as medium to coarse angular fragments.		
				13.60	2.40 (0.30)	Brown sandy gravelly CLAY.		
		0 ppm						
				13.30	2.70	Complete at 2.70m		

Remarks Unable to progress below 2.70m.bgl due to obstruction. Location and ground level are approximate. Photo-ionisation detector (PID) readings given in field records column.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1651	

Excavation Method Window sample	Dimensions 0.10m Diameter to 4.00m	Ground Level (mOD) 16.00	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 242599 E 670932 N	Dates 28/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
						Grass over MADE GROUND: brown to black very sandy gravel of burnt shale and brick.		
	0 ppm			15.60	(0.40)	Grey brown slightly gravelly SAND. Gravel is fine sub-angular to sub-rounded.		V1
	Water strike(1) at 0.80m. 0 ppm			15.30	(0.30) 0.70			
	0 ppm				(1.00)	Light brown and orange mottled SAND.		
	0 ppm			14.30	1.70	Dark grey SAND with rare fine to medium sub-rounded gravel.		
	0 ppm			13.90	(0.40)			
	0 ppm				(1.10)	Soft dark grey to black organic CLAY.		
	0 ppm			12.80	3.20	Grey SAND. Wet.		
	0 ppm			12.50	(0.30) 3.50			
						Complete at 4.00m		

Remarks Location and ground level are approximate. Photo-ionisation detector (PID) readings given in field records column.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1652	

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Excavation Method Window sample	Dimensions 0.10m Diameter to 3.00m	Ground Level (mOD) 17.00	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 242581 E 670967 N	Dates 28/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
						Grass over MADE GROUND: brown sandy gravelly silt with some glass and brick fragments. Gravel is fine to medium angular.		
	0 ppm			16.60	(0.40) 0.40 (0.40)	Brown clayey slightly gravelly SAND. Gravel is fine angular to sub-rounded.		
	0 ppm			16.20	0.80 (0.30)	Brown and orange medium angular gravelly SAND. Gravel of weathered sandstone.		
				15.90	1.10 (0.30)	Brown SAND.		
				15.60	1.40	SAND and GRAVEL.		
	Water strike(1) at 1.80m. 0 ppm				(0.70)			∇1
				14.90	2.10 (0.60)	Firm to stiff dark grey CLAY with rare medium angular gravel.		
	0 ppm			14.30	2.70 (0.30)	Well compacted grey laminated SILT.		
				14.00	3.00	Complete at 3.00m		

Remarks Location and ground level are approximate. Photo-ionisation detector (PID) readings given in field records column.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1653	

Excavation Method Window sample	Dimensions 0.10m Diameter to 4.00m	Ground Level (mOD) 15.50	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 242612 E 670908 N	Dates 28/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
				15.48	0.02 (0.23)	MADE GROUND: tarmac.		
				15.25	0.25 (0.55)	MADE GROUND: concrete.		
			0 ppm Water strike(1) at 0.90m.	14.70	0.80 (0.60)	MADE GROUND: orange/grey sand and gravel with numerous brick fragments. Brown gravelly SAND. Gravel is fine to medium rounded to sub-rounded.		√1
			0 ppm	14.10	1.40	Soft dark grey CLAY with a little sand at the base.		
			0 ppm		(2.60)			
			0 ppm	11.50	4.00	Complete at 4.00m		

Remarks Photo-ionisation detector (PID) readings given in field records column. Location and ground level are approximate.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1654	

Site Stage 1 Site Investigation, Bishopton	Number 1655
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Excavation Method Competitor Window Sampler	Dimensions 0.10m Diameter to 4.00m	Ground Level (mOD) 16.00	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 242582 E 670915 N	Dates 28/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
				15.85	0.15 (0.65)	MADE GROUND: concrete. Brown fine to medium sub-rounded gravelly SAND with a thin (2.0 cm) clay layer at 0.40m		▽1
	0 ppm		Water strike(1) at 0.70m. 0 ppm	15.20	0.80 (0.80)	Orange mottled gravelly SAND.		
			0 ppm	14.40	1.60 (0.70)	Very soft to soft dark grey CLAY.		
			0 ppm	13.70	2.30 (0.40)	Very soft light grey laminated SILT/CLAY.		
			0 ppm	13.30	2.70 (0.70)	Red brown fine to coarse sub-rounded gravelly SAND.		
			0 ppm	12.60	3.40 (0.20)	Very soft light grey CLAY.		
			0 ppm	12.40	3.60 (0.40)	Brown fine to medium rounded to sub-rounded gravelly SAND.		
				12.00	4.00	Complete at 4.00m		

Remarks Photo-ionisation detector (PID) readings given in field records column. Location and ground level are approximate.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1655	

Excavation Method Window sample	Dimensions 0.10m Diameter to 2.00m	Ground Level (mOD) 16.00	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 242577 E 670944 N	Dates 28/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
				15.80	0.20	Grass over MADE GROUND: ash gravel.		
		0 ppm			(0.40)	MADE GROUND: orange fine to medium angular blaes and burnt shale gravel.		
		0 ppm		15.40	0.60	Brown SAND.		
		0 ppm			(0.50)			
		0 ppm		14.90	1.10	Grey clayey SAND.		
		0 ppm			(0.70)			
		0 ppm		14.20	1.80	Firm to stiff dark grey to black mottled organic CLAY.		
					(0.20)			
				14.00	2.00	Complete at 2.00m		

Remarks Photo-ionisation detector (PID) readings given in field records column. Location and ground level are approximate.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1656	

Site Stage 1 Site Investigation, Bishopton	Number 1657
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Excavation Method Window sample	Dimensions 0.10m Diameter to 2.00m	Ground Level (mOD) 16.00	Client BAE Systems Property Investments Ltd	Job Number A385-00
	Location 242610 E 670966 N	Dates 28/08/2005	Engineer BAE Systems Environmental	Sheet 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
				15.80	0.20 (0.50)	Grass over MADE GROUND: brown to black medium ash gravel.		
		0 ppm	Water strike(1) at 0.60m.	15.30	0.70 (0.40)	MADE GROUND: orange sandy fine to coarse burnt shale and brick gravel with cobbles sized fragments.		∇1
		0 ppm		14.90	1.10 (0.40)	Reddish brown sandy GRAVEL. Gravel is fine to coarse angular to sub-rounded.		
		0 ppm		14.50	1.50 (0.50)	Grey brown very clayey SAND.		
		0 ppm		14.00	2.00 (0.50)	Firm dark grey to black sandy organic CLAY.		
						Complete at 2.00m		

Remarks Photo-ionisation detector (PID) readings given in field records column. Location and ground level are approximate.	Scale (approx)	Logged By
	1:50	CW
	Figure No. A385-00.1657	