

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	BOREHOLE LOG		Hole No. BH01
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1
Job No 21240	Client Air Products PLC		Date 19-04-11
Contractor / Driller Dynamic Sampling	Method/Plant Used Comacchio 205	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328109.000 N 343217.000
		Ground Level (m AOD) 136.420	

SAMPLES & TESTS						STRATA						Install / Backfill
Depth	Type	Test Result	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology	Dia. mm
							136.22	0.20	Asphalt (MADE GROUND).		MG	
							136.12	0.30	Grey fine to coarse angular to subangular GRAVEL of limestone (MADE GROUND - Sub-base).		MG	
									Weathered MUDSTONE recovered as a slightly clayey GRAVEL. Gravel is fine to coarse angular tabular of mudstone (MIDDLE COAL MEASURES)			
								(3.70)			MCM	
							132.42	4.00				
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												
												

Boring Progress						Water Strikes					
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
Chiselling				Water Added		General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Borehole installed upon completion. Response zone 1.0n-3.8m bgl.					
From	To	Hours	Tool	From	To						
Scale 1:75		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.									

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	BOREHOLE LOG		Hole No. BH02	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240		Client Air Products PLC		Date 19-04-11
Contractor / Driller Dynamic Sampling	Method/Plant Used Comacchio 205	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328034.000 N 343177.000	Ground Level (m AOD) 135.350

SAMPLES & TESTS							STRATA					Install / Backfill
Depth	Type	Test Result	PID (ppmV)	HSV (kN/m2)	P. Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology	Dia. mm
							135.15	0.20	Asphalt (MADE GROUND).		MG	
							134.95	0.40	Brown fine to coarse angular to subangular slightly sandy GRAVEL. Gravel is of sandstone (MADE GROUND Sub- base).		MG	
1.00	ES								Redish brown sandy GRAVEL with cobbles of slag, clinker, sandstone, ironstone and siltstone. Gravel is fine to coarse, angular to subrounded of brick, burnt shale, ash clinker and rare slag (MADE GROUND).		MG	
								(3.30)				
2.50	ES											
							131.65	3.70				
4.00	ES						131.25	4.10	Brown clayey GRAVEL with frequent large fragments of timber. Gravel is fine to coarse, angular to subrounded of ash, clinker, slag, coal, burnt shale and burnt ironstone (MADE GROUND).		MG	
									Dark brown silty gravelly CLAY with frequent rootlets. Gravel is fine to coarse, angular to subrounded of brick and sandstone (MADE GROUND).		MG	
5.00	ES							(2.40)				
							128.85	6.50				
6.80	ES							(1.50)	Light brown/olive slightly silty fissured CLAY with iron oxide staining.		GT	
							127.35	8.00				

Boring Progress						Water Strikes					
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
Chiselling				Water Added		General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Borehole installed upon completion. Response zone 1.0m tp 6.0m bgl.					
From	To	Hours	Tool	From	To						
Scale 1:75		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.									

08 WSP BH LOG 21240 - ACREFAIR LOGS.GPJ WSPTEMPLATE1.03.GDT 27/6/11

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	BOREHOLE LOG		Hole No. BH04	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240	Client Air Products PLC		Date 19-04-11	
Contractor / Driller Dynamic Sampling	Method/Plant Used Comacchio 205	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328128.000 N 343061.000	Ground Level (m AOD) 136.640

SAMPLES & TESTS						STRATA						Install / Backfill
Depth	Type	Test Result	PID (ppmV)	HSV (kN/m2)	P. Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology	Dia. mm
0.40	ES						136.54	0.10	Light brown fine to coarse, angular GRAVEL of sandstone (MADE GROUND).		MG	
							136.14	0.50	Brown sandy gravelly CLAY with occassional rootlets. Gravel is fine to caorse angular to subangular of concrete, sandstone and siltstone (MADE GROUND - Reworked Natural).		GT	
0.80	ES						135.74	0.90	Grey mottled brown gravelly fissured CLAY. Gravel is fine to medium, tabular, angular to subrounded of coal shale and mudstone.		MCM	
								(1.10)	Light brown grey weathered MUDSTONE with orange iron oxide stained fractures, recovered as a clayey GRAVEL (MIDDLE COAL MEASURES).			
							134.64	2.00				

Boring Progress						Water Strikes					
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
Chiselling				Water Added		General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Hole backfilled once completed.					
From	To	Hours	Tool	From	To						
Scale 1:75		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.									

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	BOREHOLE LOG		Hole No. BH05	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240	Client Air Products PLC		Date 18-04-11	
Contractor / Driller Dynamic Sampling	Method/Plant Used Comacchio 205	Logged By Chris Kennedy	Co-Ordinates (NGR) E 327907.000 N 343037.000	Ground Level (m AOD) 133.090

SAMPLES & TESTS							STRATA					Install / Backfill
Depth	Type	Test Result	PID (ppmV)	HSV (kN/m2)	P. Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology	Dia. mm
							132.89	0.20	Scrub over dark grey brown SANDS & GRAVEL with rare cobbles of brick and sandstone. Gravel is fine to coarse angular to subrounded of coal, ash, brick, mudstone and burnt shale (MADE GROUND). Dark brown very sandy GRAVEL. Gravel is fine to coarse, angular to subrounded of ash, clinker, brick, coal and rare slag (MADE GROUND). Grey weathered MUDSTONE with orange iron oxide staining recovered as a slightly sandy GRAVEL with cobbles of mudstone. Gravel is fine to coarse, angular tabular of mudstone (MIDDLE COAL MEASURES).		MG	
							(0.70)				MG	
						132.19	0.90				MCM	
												
							(4.10)					
						128.09	5.00					

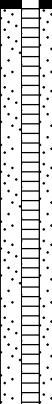
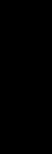
Boring Progress						Water Strikes					
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
Chiselling				Water Added		General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Hole backfilled once completed.					
From	To	Hours	Tool	From	To						
Scale 1:75		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.									

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	BOREHOLE LOG		Hole No. BH05A
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1
Job No 21240	Client Air Products PLC		Date 18-04-11
Contractor / Driller Dynamic Sampling	Method/Plant Used Comacchio 205	Logged By Chris Kennedy	Co-Ordinates (NGR) E 327901.000 N 343032.000
		Ground Level (m AOD) 132.950	

SAMPLES & TESTS							STRATA					Install / Backfill
Depth	Type	Test Result	PID (ppmV)	HSV (kN/m2)	P. Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology	Dia. mm
							132.75	0.20	Scrub over dark grey brown SANDS & GRAVEL with rare cobbles of brick and sandstone. Gravel is fine to coarse angular to subrounded of coal, ash, brick, mudstone and burnt shale (MADE GROUND). Dark brown very sandy GRAVEL. Gravel is fine to coarse, angular to subrounded of ash, clinker, brick, coal and rare slag (MADE GROUND).		MG	
							(1.00)				MG	
							131.75	1.20	Grey weathered MUDSTONE with orange iron oxide staining recovered as a slightly sandy GRAVEL with cobbles of mudstone. Gravel is fine to coarse, angular tabular of mudstone (MIDDLE COAL MEASURES).		MCM	
							(3.80)					
												
							127.95	5.00				

Boring Progress						Water Strikes					
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
Chiselling				Water Added		General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Hole backfilled once completed.					
From	To	Hours	Tool	From	To						
Scale 1:75		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.									

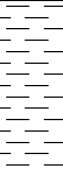
 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	BOREHOLE LOG		Hole No. BH06
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1
Job No 21240	Client Air Products PLC		Date 18-04-11
Contractor / Driller Dynamic Sampling	Method/Plant Used Comacchio 205	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328001.000 N 343002.000
		Ground Level (m AOD) 135.730	

SAMPLES & TESTS							STRATA					Install / Backfill
Depth	Type	Test Result	PID (ppmV)	HSV (kN/m2)	P. Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thick-ness)	Description	Legend	Geology	Dia. mm
0.50	ES						134.73	1.00	Brown grey sandy GRAVEL with cobbles of brick. Gravel is fine to coarse, angular to subrounded of brick, concrete, ash, clinker and burnt shale (MADE GROUND).		MG	
1.20	ES							(2.50)	Black mottled orange brown sandy GRAVEL. Gravel is fine to medium angular of ash, clinker, coal and burnt shale (MADE GROUND).		MG	
3.00	ES						132.23	3.50	Orange brown sandy GRAVEL with cobbles of slag and ironstone. Gravel is fine to coarse, angular of burnt shale and rare ash, clinker and coal (MADE GROUND).		MG	
4.00	ES						131.03	4.70	Grey gravelly CLAY. Gravel is fine to medium, angular tabular of mudstone, siltstone and coal (MADE GROUND - Reworked Natural). 4.80 - 5.20 m bgl Slight hydrocarbon odour.		MG	
5.00	ES						130.23	5.50	Olive brown gravelly fissured CLAY with orange iron oxide staining and occasional fine rootlets. Gravel is fine to coarse angular to subangular of mudstone, shale and siltstone.		MCM	
5.70	ES						128.73	7.00				

Boring Progress						Water Strikes					
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
Chiselling				Water Added		General Remarks No Groundwater observed. Slight hydrocarbon odour noted at 4.80m bgl. Borehole installed upon completion. Response zone 1.0m tp 5.0m bgl.					
From	To	Hours	Tool	From	To						
Scale 1:75		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.									

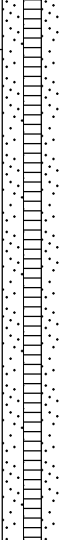
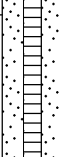
08 WSP BH LOG 21240 - ACREFAIR LOGS.GPJ WSPTEMPLATE1.03.GDT 27/6/11

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	BOREHOLE LOG		Hole No. BH07	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240	Client Air Products PLC		Date 20-04-11	
Contractor / Driller Dynamic Sampling	Method/Plant Used Comacchio 205	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328163.000 N 342955.000	Ground Level (m AOD) 149.730

SAMPLES & TESTS							STRATA					
Depth	Type	Test Result	PID (ppmV)	HSV (kN/m2)	P. Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology	Install / Backfill Dia. mm
								(1.80)	Brown mottled grey slightly sandy gravelly fissured CLAY with occasional rootlets. Gravel is fine to coarse angular to subrounded of mudstone, shale and rare sandstone (GLACIAL TILL)		GT	
							147.93	1.80	Grey weathered MUDSTONE with orange iron oxide staining recovered as a slightly sandy GRAVEL with cobbles of mudstone. Gravel is fine to coarse, angular tabular of mudstone (MIDDLE COAL MEASURES).		MCM	
						147.73	2.00					

Boring Progress						Water Strikes					
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
Chiselling				Water Added		General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Borehole installed upon completion. Response zone 1.0m tp 1.8m bgl.					
From	To	Hours	Tool	From	To						
Scale 1:75		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.									

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	BOREHOLE LOG		Hole No. BH11	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240	Client Air Products PLC		Date 18-04-11	
Contractor / Driller Dynamic Sampling	Method/Plant Used Comacchio 205	Logged By Chris Kennedy	Co-Ordinates (NGR) E 327954.000 N 343027.000	Ground Level (m AOD) 133.840

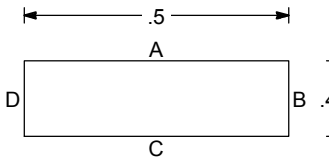
SAMPLES & TESTS							STRATA					Install / Backfill
Depth	Type	Test Result	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology	Dia. mm
2.00-3.00	ES						132.34	1.50	Grey fine to coarse, angular to subrounded sandy GRAVEL of limestone (MADE GROUND).		MG	
								(5.00)	Dense light grey yellow slightly gravelly SAND, sand is of ash. Gravel is of blue shell and rare brick (MADE GROUND).		MG	
							127.34	6.50				
								(1.50)	Grey finely grained SILTSTONE (MIDDLE COAL MEASURES).		MCM	
							125.84	8.00				

Boring Progress						Water Strikes					
Date	Time	Depth	Casing Dpt	Dia. (mm)	Water Dpt	Date	Time	Strike	Minutes	Standing	Casing
Chiselling				Water Added		General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Borehole installed upon completion. Response zone 1.0m tp 8.0m bgl.					
From	To	Hours	Tool	From	To						
Scale 1:75		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.									

08 WSP BH LOG 21240 - ACREFAIR LOGS.GPJ WSPTEMPLATE1.03.GDT 27/6/11

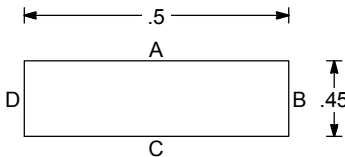
 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	TRIAL PIT LOG		Hole No. HP01	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240	Client Air Products PLC		Date 20-04-11	
Contractor / Driller WSP	Method/Plant Used Hand Pit	Logged By Chris Kennedy	Co-Ordinates (NGR)	Ground Level (m AOD)

SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	
0.50	ES						0.20	Brown slightly clayey gravelly SAND with frequent roots and rootlets.. Gravel is fine to coarse angular to subangular of brick, ash and clinker (MADE GROUND).	X	MG
							0.30			MG
							0.60			MG
								Insitu brick floor.		
								Dark reddish brown sandy GRAVEL. Gravel is fine to coarse, angular to subangular of ash, clinker and rare coal (MADE GROUND).		
								Hole stopped at 0.60m bgl due to brick boulder.		

	Length 0.50m	Shoring/Support: None	Water Strikes					
	Width 0.45m		Date	Time	Strike	Minutes	Standing	Remarks
	Orientation degrees from north	Stability: Fair	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.					
Scale 1:75	Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.							

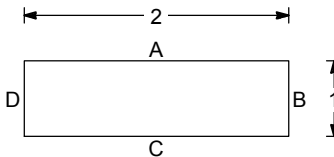
 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	TRIAL PIT LOG		Hole No. HP02	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240	Client Air Products PLC		Date 20-04-11	
Contractor / Driller WSP	Method/Plant Used Hand Pit	Logged By Chris Kennedy	Co-Ordinates (NGR)	Ground Level (m AOD)

SAMPLES & TESTS							STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology	
0.50	ES						0.30	Brown slightly clayey gravelly SAND with frequent roots and rootlets.. Gravel is fine to coarse angular to subangular of brick, ash and clinker (MADE GROUND).	X	MG	
							0.70	Dark reddish brown sandy GRAVEL. Gravel is fine to coarse, angular to subangular of ash, clinker and rare coal (MADE GROUND).		MG	
								Hole stopped at 0.70m bgl due to frequent cobbles of clinker.			

	Length 0.50m	Shoring/Support: None	Water Strikes					
	Width 0.45m		Date	Time	Strike	Minutes	Standing	Remarks
	Orientation degrees from north	Stability: Fair	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.					
	Scale 1:75							

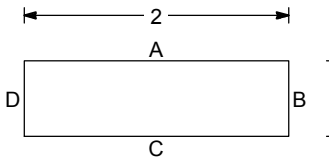
 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	TRIAL PIT LOG		Hole No. TP01	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240	Client Air Products PLC		Date 20-04-11	
Contractor / Driller Hughes Ltd	Method/Plant Used JCB-3CX	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328160.000 N 343249.000	Ground Level (m AOD) 138.460

SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thick-ness)	Description	Legend	
0.40	ES					138.26	0.20	Asphalt (MADE GROUND).		MG
						138.16	0.30	Grey fine to coarse angular to subangular GRAVEL of limestone (MADE GROUND - Sub-base).		MG
							(1.20)	Weathered MUDSTONE recovered as a slightly clayey GRAVEL. Gravel is fine to coarse angular tabular of mudstone (MIDDLE COAL MEASURES)		MCM
						136.96	1.50			

	Length 2.00m	Shoring/Support: None	Water Strikes						
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks	
	Orientation degrees from north	Stability: Good	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.						
Scale 1:50		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.							

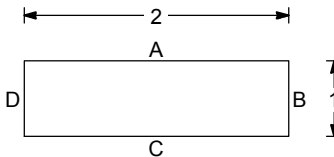
 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:		TRIAL PIT LOG		Hole No. TP02	
Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1			
Job No 21240		Client Air Products PLC		Date 20-04-11	
Contractor / Driller Hughes Ltd		Method/Plant Used JCB-3CX		Logged By Chris Kennedy	
		Co-Ordinates (NGR) E 328043.000 N 343182.000		Ground Level (m AOD) 135.330	

SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thick-ness)	Description	Legend	
						135.23	0.10	Asphalt (MADE GROUND).		MG
						134.93	0.40	Grey slightly sandy fine to coarse, angular to subangular GRAVEL of limestone (MADE GROUND - Sub-base).		MG
0.50	ES							Brown sandy GRAVEL with occassional cobbles of slag, sandstone and brick. Gravel is fine to coarse, angular to subrounded of ash, clinker, sandstone, coal and burnt ironstone (MADE GROUND).		MG
1.00	ES									
							(2.70)			
2.00	ES									
						132.23	3.10			
3.00	ES					132.13	3.20	Redish black coarse subrounded COBBLES of slag (MADE GROUND).		MG
								Hole stopped at 3.20m bgl unable to advance through slag.		

	Length 2.00m	Shoring/Support: None	Water Strikes						
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks	
	Orientation degrees from north	Stability: Good	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.						
Scale 1:50		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.							

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:		TRIAL PIT LOG		Hole No. TP03	
Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1			
Job No 21240		Client Air Products PLC		Date 20-04-11	
Contractor / Driller Hughes Ltd		Method/Plant Used JCB-3CX		Logged By Chris Kennedy	
		Co-Ordinates (NGR) E 328143.000 N 343149.000		Ground Level (m AOD) 136.050	

SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology
1.00	ES					135.75	0.30	Asphalt (MADE GROUND).		MG
						135.55	0.50	Grey fine to coarse, angular to subangular slightly sandy GRAVEL of limestone (MADE GROUND).		MG
							(1.50)	Brown sandy gravel with frequent cobbles of brick and sandstone. Gravel is fine to coarse, agular to subrounded of brick, concrete, sandstone, burnt shale and rare clinker (MADE GROUND).		MG
						134.05	2.00			
1.80	ES						(0.50)	Light brown slightly silty slightly gravelly CLAY with some fine rootlets. Gravel is fine to medium, tabular, subrounded of shale mudstone, sandstone and rare coal.		GT
						133.55	2.50	Hole stopped at 2.50m bgl due to the presence of a boulder extending out of the eastern side of the pit from 1.90m bgl.		

	Length 2.00m	Shoring/Support: None	Water Strikes					
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks
	Orientation degrees from north	Stability: Good	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.					

Scale 1:50

Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.

TRIAL PIT LOG

Hole No.

TP04

Project

South Site, Acrefair Works, Wrexham

Sheet

1 of 1

Job No

21240

Client	
--------	--

Air Products PLC

Date	
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20-04-11

Contractor / Driller

Hughes Ltd

Method/Plant Used

JCB-3CX

Logged By	
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Chris Kennedy

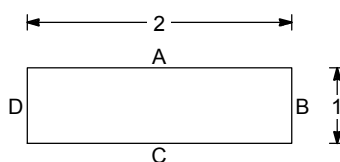
Co-Ordinates (NGR)

E 328087.000
N 343161.000

Ground Level (m AOD)

135.820

SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology
0.50	ES					135.72	0.10	Asphalt (MADE GROUND).		MG
						135.52	0.30	Light brown slightly sandy GRAVEL. Gravel is fine to coarse, angular of sandstone (MADE GROUND - Sub-base).		MG
1.10	ES						(0.70)	Dark brown sandy GRAVEL with occasional cobbles of slag. Gravel is fine to coarse, angular to subrounded of slag, ash, clinker and burnt shale (MADE GROUND).		MG
						134.82	1.00	brown mottled orange gravelly COBBLES. Cobbles are of slag. Gravel is fine to coarse subangular to subrounded of slag and clinker (MADE GROUND).		MG
						134.52	1.30	Hole stopped at 1.30m bgl unable to advance through slag.		



Length

2.00m

Width

1.00m

Orientation

degrees from
north

Shoring/Support:

None

Stability:

Good

Water Strikes

Date	Time	Strike	Minutes	Standing	Remarks
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Date

State	Year	Rate
Alabama	1990	10.0
Alabama	1991	10.0
Alabama	1992	10.0
Alabama	1993	10.0
Alabama	1994	10.0
Alabama	1995	10.0
Alabama	1996	10.0
Alabama	1997	10.0
Alabama	1998	10.0
Alabama	1999	10.0
Alabama	2000	10.0
Alabama	2001	10.0
Alabama	2002	10.0
Alabama	2003	10.0
Alabama	2004	10.0
Alabama	2005	10.0
Alabama	2006	10.0
Alabama	2007	10.0
Alabama	2008	10.0
Alabama	2009	10.0
Alabama	2010	10.0
Alabama	2011	10.0
Alabama	2012	10.0
Alabama	2013	10.0
Alabama	2014	10.0
Alabama	2015	10.0
Alabama	2016	10.0
Alabama	2017	10.0
Alabama	2018	10.0
Alabama	2019	10.0
Alabama	2020	10.0
Alabama	2021	10.0
Alabama	2022	10.0
Alabama	2023	10.0
Alabama	2024	10.0
Alabama	2025	10.0
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Alabama	2027	10.0
Alabama	2028	10.0
Alabama	2029	10.0
Alabama	2030	10.0
Alabama	2031	10.0
Alabama	2032	10.0
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Alabama	2097	10.0
Alabama	2098	10.0
Alabama	2099	10.0
Alabama	2100	10.0
Alabama	2101	10.0
Alabama	2102	10.0
Alabama	2103	10.0
Alabama	2104	10.0
Alabama	2105	10.0
Alabama	2106	10.0
Alabama	2107	10.0
Alabama	2108	10.0
Alabama		

Standing

Remarks

General Remarks	
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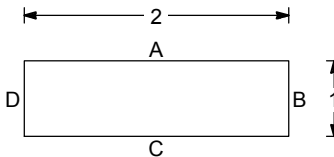
General Remarks
No Groundwater observed.
No visual or olfactory evidence of hydrocarbon contamination observed.
Trial pit backfilled upon completion.

Scale 1:50

Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.

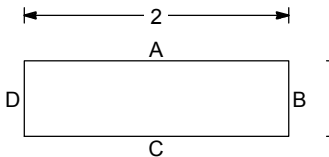
 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	TRIAL PIT LOG				Hole No. TP05
	Project South Site, Acrefair Works, Wrexham				Sheet 1 of 1
Job No 21240	Client Air Products PLC				Date 20-04-11
Contractor / Driller Hughes Ltd	Method/Plant Used JCB-3CX	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328042.000 N 343139.000	Ground Level (m AOD) 135.530	

SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology
0.50						135.33	0.20	Asphalt (MADE GROUND).		MG
						135.13	0.40	Grey fine to coarse angular to subangular GRAVEL of limestone (MADE GROUND - Sub-base).		MG
								Brown/slightly redish brown sandy GRAVEL with cobbles of ironstone and slag. Gravel is fine to coarse, angular to subrounded of ash. clinker, slag, ironstone, burnt ironstone, sandstone and burnt shale (MADE GROUND).		MG
1.00										
2.50										
4.20						131.33	4.20	Hole stopped at 4.20m bgl due to strength of strata.		

	Length 2.00m	Shoring/Support: None	Water Strikes					
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks
	Orientation degrees from north	Stability: Good	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.					
Scale 1:50	Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.							

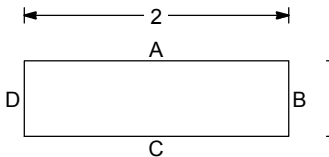
 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	TRIAL PIT LOG		Hole No. TP06	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240	Client Air Products PLC		Date 19-04-11	
Contractor / Driller Hughes Ltd	Method/Plant Used JCB-3CX	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328061.000 N 343133.000	Ground Level (m AOD) 135.500

SAMPLES & TESTS						STRATA					Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology	
0.50	ES					135.30	0.20	Asphalt (MADE GROUND).		MG	
						135.10	0.40	Grey fine to coarse angular to subangular silghtly sandy GRAVEL of sandstone (MADE GROUND - Sub-base).		MG	
	1.50					ES					
4.50		ES									131.00

	Length 2.00m	Shoring/Support: None	Water Strikes						
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks	
	Orientation degrees from north	Stability: Good	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.						
Scale 1:50		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.							

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	TRIAL PIT LOG		Hole No. TP07	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240	Client Air Products PLC		Date 19-04-11	
Contractor / Driller Hughes Ltd	Method/Plant Used JCB-3CX	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328131.000 N 343182.000	Ground Level (m AOD) 136.090

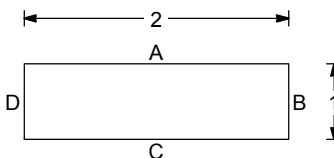
SAMPLES & TESTS					STRATA					Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P.Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology
0.50	ES					135.89	0.20	Asphalt (MADE GROUND).		MG
						135.69	0.40	Grey fine to coarse angular GRAVEL of limestone (MADE GROUND - Sub-base).		MG
							(0.80)	Black sandy GRAVEL. Gravel is fine to coarse, angular to subangular of ash, clinker and coal (MADE GROUND).		MG
1.30	ES					134.89	1.20	Light brown slightly silty slightly gravelly CLAY with some fine rootlets. Gravel is fine to medium, tabular, subrounded of shale mudstone, sandstone and rare coal.		GT
						133.89	2.20			
						133.79	2.30	Weathered MUDSTONE recovered as a slightly clayey GRAVEL. Gravel is fine to coarse angular tabular of mudstone (MIDDLE COAL MEASURES).		MCM

	Length 2.00m	Shoring/Support: None	Water Strikes					
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks
	Orientation degrees from north	Stability: Fair	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.					

Scale 1:50 Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.

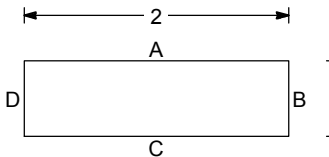
 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:		TRIAL PIT LOG		Hole No. TP08	
Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1			
Job No 21240		Client Air Products PLC		Date 19-04-11	
Contractor / Driller Hughes Ltd		Method/Plant Used JCB-3CX		Logged By Chris Kennedy	
		Co-Ordinates (NGR) E 328109.000 N 343066.000		Ground Level (m AOD) 136.320	

SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kNm/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	
						136.17	0.15	Asphalt (MADE GROUND).		MG
						135.92	0.40	Brown sandy fine to coarse, angular to subrounded GRAVEL. Gravel is of brick concrete and burnt shale (MADE GROUND).		MG
0.50	ES					135.72	0.60	Black sandy GRAVEL. Gravel is fine to coarse, angular of ash, clinker, coal and burnt shale (MADE GROUND).		MG
0.80	ES						(1.10)	Light brown/olive mottled grey slightl silty slightly gravelly CLAY with occassional fine rootlets. Gravel is fine to medium, angular to subrounded of sandstone, siltstone, mudstone. 0.60 - 0.70 m bgl Hydrocarbon odour.		GT
1.70	ES					134.62	1.70			

	Length 2.00m	Shoring/Support: None	Water Strikes						
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks	
	Orientation degrees from north	Stability: Fair	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.						
Scale 1:50		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.							

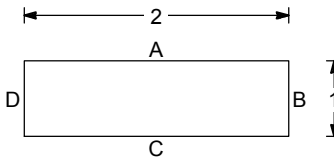
 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	TRIAL PIT LOG		Hole No. TP09	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240	Client Air Products PLC		Date 19-04-11	
Contractor / Driller Hughes Ltd	Method/Plant Used JCB-3CX	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328112.000 N 343058.000	Ground Level (m AOD) 136.420

SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology
0.50	ES					136.12	0.30	Concrete (MADE GROUND).		MG
						136.02	0.40	Light brown slightly sandy GRAVEL. Gravel is fine to coarse angular of sandstone (MADE GROUND - Sub-base).		MG
1.00	ES						(0.80)	Light brown slightly sandy slightly gravelly CLAY with occasional fine rootlets. Gravel fine to medium, tabular subrounded of shale, siltstone, mudstone and rare coal.		GT
						135.22	1.20			
						135.02	1.40	Grey SILTSTONE recovered as a coarse angular GRAVEL (MIDDLE COAL MEASURES).		MCM

	Length 2.00m	Shoring/Support: None	Water Strikes					
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks
	Orientation degrees from north	Stability: Good	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.					
Scale 1:50	Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.							

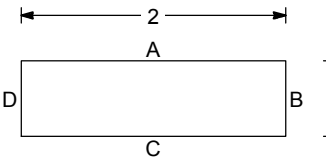
 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:		TRIAL PIT LOG		Hole No. TP10	
Job No 21240		Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Client Air Products PLC		Date 19-04-11			
Contractor / Driller Hughes Ltd		Method/Plant Used JCB-3CX		Logged By Chris Kennedy	
		Co-Ordinates (NGR) E 327973.000 N 343146.000		Ground Level (m AOD) 135.620	

SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	
0.50	ES					135.42	0.20	Grey fine to coarse angular to subangular GRAVEL of limestone (MADE GROUND - Sub-base).		MG
1.50	ES							Dark redish brown sandy GRAVEL with cobbles of clinker, slag and burnt ironstone. Gravel is fine to coarse, angular to subangular of ash, clinker, slag, ironstone, brick and burnt shale (MADE GROUND).		MG
2.50	ES						(3.90)			
4.00	ES					131.52	4.10	Hole stopped at 4.10m bgl due to instability.		

	Length 2.00m	Shoring/Support: None	Water Strikes						
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks	
	Orientation degrees from north	Stability: Poor	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.						
Scale 1:50		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.							

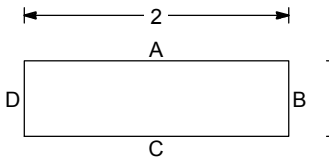
 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	TRIAL PIT LOG			Hole No. TP11
	Project South Site, Acrefair Works, Wrexham			Sheet 1 of 1
Job No 21240	Client Air Products PLC			Date 19-04-11
Contractor / Driller Hughes Ltd	Method/Plant Used JCB-3CX	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328105.000 N 343039.000	Ground Level (m AOD) 136.300

SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology
						136.00	0.30	Concrete (MADE GROUND).		MG
0.40	ES					135.90	0.40	Light brown slightly sandy GRAVEL. Gravel is fine to coarse angular of sandstone		MG
						135.85	0.45	(MADE GROUND - Sub-base).		MG
0.60	ES						(0.65)	Black fine to coarse, angular SAND & GRAVEL of ash and clinker (MADE GROUND).		GT
						135.20	1.10	Brown mottled grey slightly sandy gravelly fissured CLAY with occasional rootlets.		
						135.10	1.20	Gravel is fine to coarse angular to subrounded of mudstone, shale and rare sandstone.		MCM
								Weathered MUDSTONE with orange iron oxide stained fractures, recovered as a light brown/grey clayey GRAVEL (MIDDLE COAL MEASURES).		

	Length 2.00m	Shoring/Support: None	Water Strikes					
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks
	Orientation degrees from north	Stability: Good	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.					
Scale 1:50	Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.							

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	TRIAL PIT LOG		Hole No. TP12	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240	Client Air Products PLC		Date 19-04-11	
Contractor / Driller Hughes Ltd	Method/Plant Used JCB-3CX	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328061.000 N 343026.000	Ground Level (m AOD) 135.700

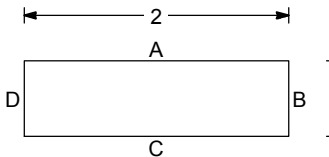
SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology
0.50	ES					135.50	0.20	Concrete (MADE GROUND).		MG
						135.30	0.40	Light brown very sandy GRAVEL. Gravel is fine to coarse, angular to subangular of limestone (MADE GROUND - Sub-base).		MG
							(1.20)	Dark brown/black sandy GRAVEL with cobbles of concrete, brick and sandstone. Gravel is fine to coarse, angular to subrounded of ash, clinker, brick burnt sahle concrete mudstone, ironstone and sandstone (MADE GROUND).		MG
1.50	ES					134.10	1.60	Insitu concrete (MADE GROUND)		MG
2.00	ES					133.80	1.90			
						133.60	2.10	Weathered MUDSTONE recovered as a slightly clayey GRAVEL. Gravel is fine to coarse angular tabular of mudstone (MIDDLE COAL MEASURES).		MCM

	Length 2.00m	Shoring/Support: None	Water Strikes					
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks
	Orientation degrees from north	Stability: Good	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.					

Scale 1:50 Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:		TRIAL PIT LOG		Hole No. TP13	
Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1			
Job No 21240		Client Air Products PLC		Date 19-04-11	
Contractor / Driller Hughes Ltd		Method/Plant Used JCB-3CX		Logged By Chris Kennedy	
		Co-Ordinates (NGR) E 327960.000 N 343030.000		Ground Level (m AOD) 134.080	

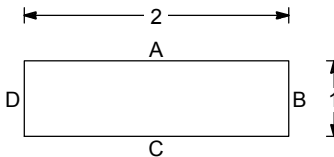
SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	
						133.88	0.20	Asphalt (MADE GROUND).		MG
						133.68	0.40	Light grey fine to coarse, angular to subangular GRAVEL of limestone (MADE GROUND).		MG
0.90	ES						(1.40)	Black slightly clayey sandy GRAVEL with cobbles of brick and sandstone. Gravel is fine to coarse, angular to subrounded of of brick, coal, clinker, concrete and sandstone (MADE GROUND).		MG
						132.28	1.80			
2.00	ES						(1.40)	Black gravelly CLAY with cobbles of brick. Gravel is fine to coarse, angular to subrounded of coal, brick, clinker, concrete shale and mudstone (MADE GROUND).		MG
						130.88	3.20			
3.40	ES						(0.70)	Redish brown slightly sandy GRAVEL of burnt shale, clinker, slag, ash and rare coal (MADE GROUND).		MG
						130.18	3.90	Hole stopped at 3.90m bgl due to pit collapse.		

	Length 2.00m	Shoring/Support: None	Water Strikes					
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks
	Orientation degrees from north	Stability: Poor	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.					

Scale 1:50 Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:		TRIAL PIT LOG		Hole No. TP14	
Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1			
Job No 21240		Client Air Products PLC		Date 18-04-11	
Contractor / Driller Hughes Ltd		Method/Plant Used JCB-3CX		Logged By Chris Kennedy	
		Co-Ordinates (NGR) E 327909.000 N 343017.000		Ground Level (m AOD) 132.720	

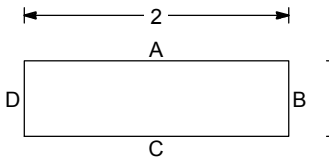
SAMPLES & TESTS					STRATA					Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology
0.50	ES					132.52	0.20	Asphalt (MADE GROUND).		MG
							(0.80)	Brown sandy GRAVEL with frequent cobbles of brick. Gravel is fine to coarse, angular to subangular of brick. mudstone and burnt shale (MADE GROUND).		MG
1.20	ES									131.72
2.50	ES						(2.90)			
						128.82	3.90			
						128.72	4.00	Light Grey slightly weathered SILTSTONE (MIDDLE COAL MEASURES).	x x x	MCM
								</		

	Length 2.00m	Shoring/Support: None	Water Strikes					
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks
	Orientation degrees from north	Stability: Good	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.					

Scale 1:50
 Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:		TRIAL PIT LOG		Hole No. TP15	
Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1			
Job No 21240		Client Air Products PLC		Date 18-04-11	
Contractor / Driller Hughes Ltd		Method/Plant Used JCB-3CX		Logged By Chris Kennedy	
		Co-Ordinates (NGR) E 327958.000 N 342991.000		Ground Level (m AOD) 133.610	

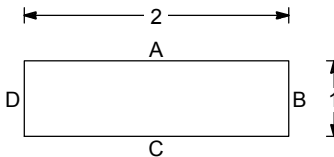
SAMPLES & TESTS							STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology	
0.50	ES						(1.60)	Scrub over dark grey brown SANDS & GRAVEL with rare cobbles of brick and sandstone. Gravel is fine to coarse angular to subrounded of coal, ash, brick, mudstone and burnt shale (MADE GROUND).		MG	
1.00	ES					132.01	1.60	Brown BOULDERS & COBBLES of angular to subrounded of SANDSTONE (MADE GROUND). Grey slightly weathered SILTSTONE (MIDDLE COAL MEASURES).			
						131.91	1.70			MG MCM	

	Length	2.00m	Shoring/Support:	Water Strikes					
	Width	1.00m		Stability:	Date	Time	Strike	Minutes	Standing
	Orientation	degrees from north	Good		General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.				

Scale 1:50
 Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.

 WSP Environmental The Victoria, 150-182 The Quays Manchester, M50 3SP Telephone: Fax:	TRIAL PIT LOG		Hole No. TP17	
	Project South Site, Acrefair Works, Wrexham		Sheet 1 of 1	
Job No 21240	Client Air Products PLC		Date 18-04-11	
Contractor / Driller Hughes Ltd	Method/Plant Used JCB-3CX	Logged By Chris Kennedy	Co-Ordinates (NGR) E 328091.000 N 342932.000	Ground Level (m AOD) 135.350

SAMPLES & TESTS						STRATA				Install / Backfill
Depth	Type	PID (ppmV)	HSV (kN/m2)	P Pen (kN/m2)	Water	Elev. (m AOD)	Depth (Thickness)	Description	Legend	Geology
0.40	ES					134.85	0.50	Grey fine to coarse, angular to subrounded sandy GRAVEL with rare cobbles of brick. Gravel is of brick and limestone (MADE GROUND).		MG
0.70	ES					134.25	1.10	Dark brown very sandy GRAVEL. Gravel is fine to coarse, angular to subrounded of ash, clinker, brick, coal and rare slag (MADE GROUND).		MG
						134.15	1.20	Grey slightly weathered MUDSTONE (MIDDLE COAL MEASURES)		MCM

	Length 2.00m	Shoring/Support: None	Water Strikes						
	Width 1.00m		Date	Time	Strike	Minutes	Standing	Remarks	
	Orientation degrees from north	Stability: Good	General Remarks No Groundwater observed. No visual or olfactory evidence of hydrocarbon contamination observed. Trial pit backfilled upon completion.						
Scale 1:50		Notes: All dimensions in metres. Logs should be read in accordance with the provided Key. Descriptions are based on visual and manual identification.							