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Ref: 10-021-9c-REVA
Date: 15th March 2015

Knowsley Metropolitan Borough Council (KMBC)

Dear Sirs,

Supplementary Site Investigation Works & Contamination Assessment

Former Prysmian Cables, Carr Lane, Prescott

Background & Objectives

E3P has been commissioned by Prescott Business Park to undertake a supplementary phase of Ground Investigation at the above mentioned site. The site is roughly 25 Hectares in size and comprises an 'upper site' and a 'lower site'. The entire site has been subject to several historic phases of investigation, including Sub Surface Ltd (August 1995), Mini Soils Surveys (March 1996), REC (1998), WSP (2008) and REC (2011).

Ground Investigation completed by WSP (2008) was undertaken on the entire site (upper and lower tiers) prior to the demolition of buildings on the bottom site. The most recent Ground Investigation undertaken by REC included only the top site.

Following a review of the aforementioned reports, it was considered that upon successful completion of the decommissioning and demolition of the buildings on the bottom site, a supplementary phase of Ground Investigation would be required in order to undertake a further assessment on ground conditions, facilitate further chemical analysis to further characterise the potential risk to human health and controlled waters.

The proposed scope of works was agreed with Knowsley Metropolitan Borough Council (KMBC) prior to commencement of the works.

General

The supplementary Ground Investigation comprised the advancement of 46 No. mechanically excavated trial pits undertaken on the 1st October and 2nd October 2014.

Table 1.0 overleaf includes a summary and rationale of the supplementary trial pits advanced:

Table 1.0 Summary & Rationale of Exploratory Holes

Potential Source / Rationale	Exploratory Hole	Type	Maximum Depth (m bgl)
Supplementary investigation of ground conditions adjacent to Ramondis to identify the depth of Made Ground, the presence / nature of obstructions and obtain supplementary environmental samples.	TP101 – TP105	Mechanically Excavated Trial Pit	3.30
Supplementary investigation of area where possible former landfill / area of infill is present to assess ground conditions, understand the depth of Made Ground and obtain further environmental samples.	TP106-TP115	Mechanically Excavated Trial Pit	4.10
Post-demolition investigation of bottom site to assess the ground conditions and presence / nature of any obstructions.	TP116 – TP126 & TP147	Mechanically Excavated Trial Pit	3.20
Supplementary investigation of the top site to further assess ground conditions, presence and nature of obstructions and supplementary chemical analysis.	TP127 – TP140	Mechanically Excavated Trial Pit	5.20
Investigation of known former KMBC landfill for inert waste.	TP141 – TP144	Mechanically Excavated Trial Pit	4.40
Investigation of the south western corner of the site.	TP145-TP146	Mechanically Excavated Trial Pit	2.00

The exploratory trial pit locations are shown on Drawing 10-021-028 (attached). The ground conditions encountered are shown on the exploratory hole logs also attached to this letter report.

Soil samples destined for chemical analysis were collected at regular intervals in appropriate sampling containers. All samples were subsequently stored in cooled boxes prior to submission to I2 Analytical Laboratory for analysis in accordance with their UKAS accreditation where applicable. Results of the analysis are attached to this letter report. All samples were collected using appropriate PPE and sampling equipment that was cleaned at each sampling location.

Ground and Groundwater Conditions

A summary of ground conditions encountered are included in Table 2.0 (overleaf):

Table 2.0 Summary of Ground Conditions

Strata:	General Description:	Typical Depth (mbgl):				Location
		Top:		Base:		
		Min:	Max:	Min:	Max:	
MADE GROUND: Topsoil	MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	0.00	0.00	0.10	0.60	TP101-TP110, TP112-TP117, TP122, TP123, TP126, TP140-TP147
MADE GROUND: Gravelly Clay	MADE GROUND: Firm to stiff light brown occasionally black gravelly clay. Gravel is fine to coarse angular to sub-angular of brick, concrete and mudstone.	0.20	1.00	0.50	3.60	TP101, TP106, TP107, TP111-TP114, TP116, TP117, TP119, TP120, TP122, TP123, TP126, TP127, TP129, TP131, TP137, TP138
MADE GROUND: Gravel	MADE GROUND: Black occasionally red brown sandy gravel with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick, mudstone and concrete. Cobbles are sub-angular of brick and concrete.	0.00	1.30	0.20	3.50	TP101, TP102, TP104, TP107, TP108, TP112, TP121, TP128, TP129, TP130, TP131-TP136, TP139, TP140
MADE GROUND: Clayey Gravel	MADE GROUND: Black clayey gravel with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete with occasional localised potential cement bonded ACM. Cobbles are sub-angular of brick and concrete.	0.00	1.80	0.40	>4.50	TP103, TP106, TP108, TP110, TP112-TP115, TP117-TP120, TP122, TP123, TP125, TP131-TP134, TP136, TP140, TP141, TP142
MADE GROUND: Soft Clay	MADE GROUND: soft black gravelly clay. Gravel is fine to coarse angular to sub-angular of brick, sandstone, mudstone and occasional timber, plastic, glass, coal and metal.	0.30	0.90	1.35	2.20	TP103, TP105, TP110, TP130

Strata:	General Description:	Typical Depth (mbgl):				Location
		Top:		Base:		
		Min:	Max:	Min:	Max:	
MADE GROUND: Ashy Gravel	MADE GROUND: Black ashy gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete and occasional coal.	0.00	1.40	0.50	2.90	TP109, TP129, TP133, TP137, TP138, TP143, TP144
SAND	Light brown fine to medium SAND.	2.20	2.20	2.80	2.80	TP101
Gravelly CLAY	Stiff orange brown mottled grey gravelly sandy CLAY with occasional localised sand lenses of fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	0.40	4.00	0.80	>4.10	All except TP136 and TP138
MUDSTONE	Grey brown weathered MUDSTONE.	0.80	1.30	>2.20	>2.40	TP134, TP135

Made Ground

Made Ground was encountered in all exploratory hole locations from ground level to a maximum proven depth of >4.50m bgl. On the top site, Made Ground was generally present to circa 0.40m bgl in the north east and generally comprised clayey gravel of brick, concrete and sandstone. Made Ground depths gradually increased towards the south west of the top site to depths exceeding 4.50m bgl and comprised either clayey gravel of brick, sandstone and mudstone, firm gravelly clay with mudstone and sandstone and sandy ashy gravel of brick and concrete. Made Ground depths are known to continue increasing along the raised 'finger' of land along the southern boundary to depths of greater than 10.00m bgl.

On the bottom site, Made Ground was generally present to between 1.00m and 3.00m bgl in the central area. Made Ground generally comprised soft black brown sandy clay with roots and rootlets overlying either firm to stiff gravelly clay with brick, concrete and mudstone, clayey gravel of mudstone, plastic, glass and timber or sandy gravel of brick, concrete and mudstone with cobbles. In the portion of the site on the north boundary, Made Ground varied between 4.00m in the east of this section to 0.80m in the east of this section and generally comprised sandy gravel with brick, sandstone, glass, tiles, plastic, timber, metal, porcelain, slate, cloth and steel, indicative of the former KMBC inert waste tip.

Made Ground depths considerably decrease towards the south western corner where they are present to only 0.4m bgl. Supplementary investigation was limited in the western sector of the site as demolition of the buildings was ongoing at the time of trial pitting, however E3P would consider ground conditions to be similar to those encountered in TP147 where Made Ground was encountered to 1.10m and comprised a sandy gravel of brick and concrete, with anticipated areas of greater depth for service channels beneath the former works building.

Drift

The natural drift strata was encountered in all exploratory hole locations with the exception of TP136 and TP138 where the full depth of Made Ground could not be penetrated (due to depth and instability). The drift was analogous across the site, comprising stiff orange brown mottled grey gravelly sandy CLAY with sandstone and mudstone from depths of 0.40m to 4.00m bgl.

Bedrock

The bedrock geology was only encountered in two locations in the north eastern sector of the top site. The bedrock geology encountered comprised grey weathered MUDSTONE.

Groundwater

Groundwater strikes were encountered from between 1.00m and 2.00m.

Supplementary Tier I Human Health Risk Assessment

Samples of the soil from the supplementary trial pits were submitted to 12 Analytical Laboratories of analysis of TPH, SVOC and VOC, with the results attached to this letter report. The results of the chemical analysis were compared with the relevant Tier 1 screening values for the protection of human health, as summarised in Table 3.0 (overleaf), to assess the potential risk to human health receptors.

Table 3.0 Summary of Inorganic and Hydrocarbon Toxicity Assessment for a Residential End Use

Determinand	Units	GAC	n	MC	Loc. of Ex	Pathway	Assessment
Naphthalene	mg/kg	2.3	18	0.89	N/A	2	No Further Action
Acenaphthylene	mg/kg	170	18	<0.10	N/A	3	No Further Action
Acenaphthene	mg/kg	210	18	2.8	N/A	1	No Further Action
Fluorene	mg/kg	170	18	0.25	N/A	1	No Further Action
Phenanthrene	mg/kg	95	18	10	N/A	3	No Further Action
Anthracene	mg/kg	2400	18	0.18	N/A	3	No Further Action
Fluoranthene	mg/kg	280	18	5.7	N/A	3	No Further Action
Pyrene	mg/kg	620	18	5.3	N/A	3	No Further Action
Benzo(a)Anthracene	mg/kg	7.2	18	2.8	N/A	3	No Further Action
Chrysene	mg/kg	15	18	3.4	N/A	3	No Further Action
Benzo(b)Fluoranthene	mg/kg	2.6	18	3.1	N/A	3	No Further Action
Benzo(k)Fluoranthene	mg/kg	77	18	1.3	N/A		No Further Action
Benzo(a)Pyrene**	mg/kg	5	18	2.2	N/A	3	No Further Action
Indeno(123-cd)Pyrene	mg/kg	27	18	0.89	N/A	3	No Further Action
Dibenzo(a,h)Anthracene	mg/kg	0.24	18	0.37	N/A	3	No Further Action
Benzo(ghi)Perylene	mg/kg	320	18	0.92	N/A	3	No Further Action
TPH C5-C6 (aliphatic)*	mg/kg	42	21	<1.0	N/A	2	No Further Action
TPH C6-C8 (aliphatic)*	mg/kg	100	21	<0.1	N/A	2	No Further Action
TPH C8-C10 (aliphatic)*	mg/kg	27	21	<0.1	N/A	2	No Further Action
TPH C10-C12 (aromatic)*	mg/kg	74	21	11	N/A	2	No Further Action
TPH C12-C16 (aromatic)*	mg/kg	140	21	51	N/A	2	No Further Action
TPH C16-C21 (aromatic)*	mg/kg	260	21	450	TP123 0.60m TP108 0.10m	1	Further Assessment
TPH C21-C35 (aromatic)*	mg/kg	1100	21	2900	TP123 0.60m TP108 0.10m	1	Further Assessment

Notes

Main Exposure Pathways: 1 = Soil Ingestion, 2 = Vapour Inhalation (indoor), 3 = Dermal Contact & Ingestion, 4 = Dust Inhalation.

Abbreviations: GAC = General Assessment Criteria, n = number of samples, MC = Maximum Concentration; Loc of Ex = Location of Exceedance; NFD = No Fibres Detected, S4UL = LQM/CIEH Suitable For Use Levels

* The Tier 1 GAC for the hydrocarbon fraction is derived from the CIEH assessment for petroleum hydrocarbons Criteria Working Group (CWG) for both aliphatic and aromatic compounds. E3P has utilised the Tier 1 values for aliphatic compounds for the volatile and semi volatile fractions (C₅-C₁₂) and the Tier 1 values for aromatic compound for the non-volatile fractions (C₁₂-C₃₅). The comparison of a total (aliphatic/aromatic) compounds to an individual fraction is considered to be a conservative approach and satisfactory for the protection of human health.

(i) GAC based on human health criteria. Ecotoxicological assessment will be made using EA guidance (EPR 8.01) on soil spreading (Cu 135mg/kg, Zinc 200mg/kg)

(ii) S4UL based on methylmercury.

** pC4SL

Comparing the chemical testing results directly with the above Tier 1 values, elevated concentrations of TPH C16-C21 and TPH C21-C35 have been detected in shallow Made Ground soils in two localised areas only. Elevated concentrations were only present within heavy end hydrocarbons which have a main exposure pathway directly related to soil ingestion.

The entire site will be subject to a large scale cut and fill earthworks, where all Made Ground (to 3m or natural, whichever is shallower), with materials placed back in the ground to create a proposed developable platform.

Upon construction of residential development within the parcels of land, a 600mm cover system will be required within the garden areas comprising of at least 150mm topsoil and 450mm subsoil. Upon installation of a cover system, the elevated levels of TPHs will pose no unacceptable risk to the future site users.

Out of six samples analysed for asbestos, one sample detected the presence of asbestos in the form of chrysotile, also present in the shallow Made Ground. As such all earthworks need to be managed in strict accordance with the methodologies presented within this document. Furthermore, all asbestos impacted soils will be carefully placed at depth (>1.50m bgl) below plot areas or areas of hardstanding where they will not be disturbed in the future with circa 1.50m bgl inert cover above. At this depth, the future site users will be at no unacceptable risk of inhalation of asbestos fibres.

Updated Contaminated Land Risk Assessment

The site is known to be impacted by non-volatile inorganic hydrocarbon and heavy metal compounds, however the above mentioned analysis has been completed to demonstrate that the site is not adversely impacted by any potentially volatile / soluble phase petroleum or chlorinated compounds of concern, using a sufficient sample frequency to characterise the site with respect to human health and controlled waters.

Only limited amounts of copper slag have been identified within the area where waste materials have been deposited at the central southern boundary 'finger'. On-site testing for potential radioactive nuclides will be completed during the movement of this material to demonstrate the absence of any risk.

Due to only low levels of potentially mobile contaminants being present within the Made Ground soils in addition to the presence of low permeability clay offering protection to the underlying aquifer, there is considered to be no unacceptable risk to controlled waters.

On completion of the proposed earthworks, validation ground gas monitoring across the entire development site to inform the production of zoned mitigation measures to ensure all proposed residential and commercial buildings are constructed in a manner so as to ensure no unacceptable degree of risk.

Further testing will be completed to ensure that no materials are present that could result in the spontaneous combustion.

In accordance with the requirements of CIRIA 655 E3P has undertaken an assessment of the post remediation ground gas generation potential within the context of the proposed highly sensitive residential end use. This is summarised below:

The site will be underlain by variable thicknesses of Made Ground from circa 3.0m of newly placed inert fill material increasing to depths of circa 8.0m of historic ash fill overlying coal measures stratum. All potentially degradable / deleterious material will be removed during the remediation and enabling works to ensure the gas generation potential is significantly reduced. The presence of older deep made ground and shallow mine workings suggest that the site be classified as a moderate risk potential in terms of hazardous ground gases.

When considering the high sensitivity end use and moderate ground gas generation potential, the following pose demolition / remediation monitoring will be required:

Close Centred Monitoring wells at 40m Centres; and,

12 return site visits over a 6 Month Monitoring Period.

Conclusions

The supplementary intrusive Ground Investigations that included high density trial pit, extensive laboratory testing and qualitative contaminant risk assessment has confirmed the findings of the previous phases of intrusive site investigation. It has been determined that the risk to human health can be mitigated in full through the adoption of the following remediation and mitigation measures:

-  Controlled lift, sort, processing and monitoring of the majority of Made Ground (to minimum depths of 3.0m) to ensure the absence of any previously unidentified potentially volatile / soluble sources of potential contamination. This work will be completed by a specialist contractor under the supervision of E3P with in-situ VOC analysis and confirmatory laboratory testing;
-  Construction of all dwellings with a certified cover system within all areas of garden soft landscaping and POS;
-  Post remediation gas monitoring to inform the design of detailed mitigation measures to be incorporated within the proposed sub-structure; and,
-  Completion of a Post Remediation UKWIR Risk Assessment to inform the design of potable water supply infrastructure.

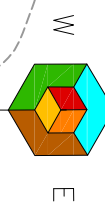
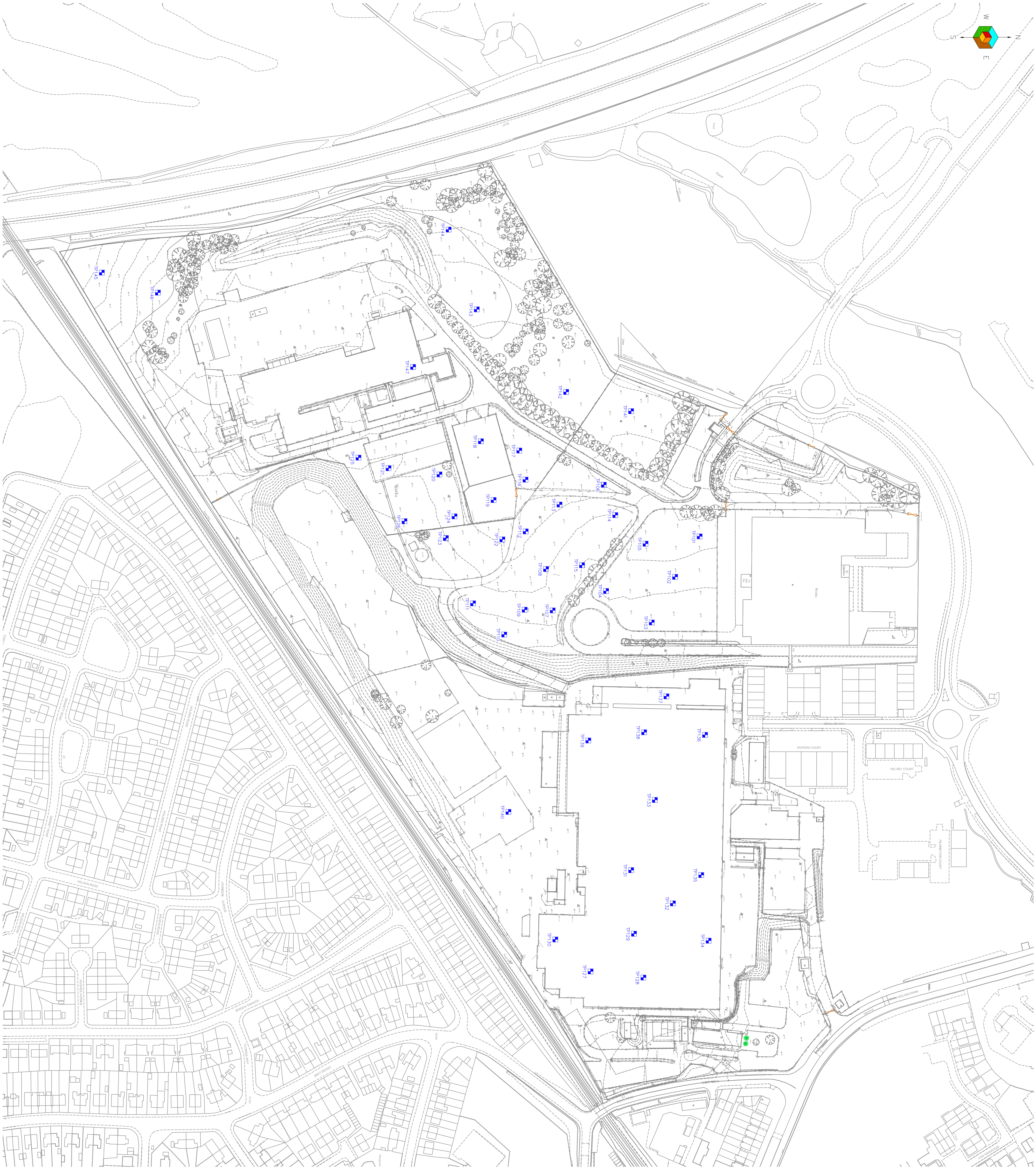
The proposed land remediation & enabling works, in-situ and laboratory validation testing, monitoring and reporting requirements are presented in detail within the E3P Remediation Strategy (previously submitted to KMBC).

I trust the above information is satisfactory to clarify any outstanding issues, however if you require any further information please do not hesitate to contact me.

Yours sincerely,
For and on behalf of E3P Ltd

Associate Director





TP101
Approximate Supplementary Trial Pit Location

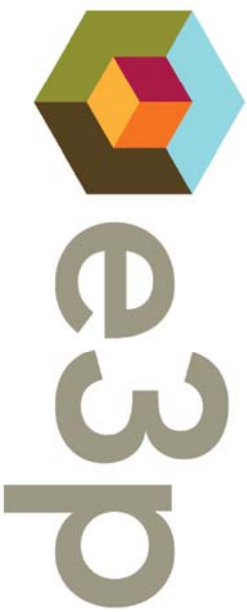
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P1	-	26-01-2015	Draft	RW	MD
Phase	Revision	Date	Issue	Drawn	Authorised
Client:		Job No:	10-021	Date:	26-01-2015
		Drawing No:	028	Scale:	1:1500 @ A1

Job Title:

Prescot Business
Park

Supplementary Exploratory
Hole Location Plan



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- KEY
- TP101 Approximate Trial Pit Location (REC 2011 – 1st Phase)
 - TP101 Approximate Trial Pit Location (REC 2011 – 2nd Phase)
 - WS101 Approximate Window Sample Probehole Location (REC 2011 – 2nd Phase)
 - CP101 Approximate Cable Percussive Borehole Location (REC 2011 – 2nd Phase)
 - RB101 Approximate Rotary Borehole Location (REC 2011 – 1st Phase)
 - RB101 Approximate Rotary Borehole Location (REC 2013 – 2nd Phase)
 - TP1 Approximate Trial Pit Location (WSP 2008)
 - WS1 Approximate Window Sample Probehole Location (WSP 2008)
 - BH1 Approximate Cable Percussive Borehole Location (WSP 2008)
 - RH1 Approximate Rotary Borehole Location (WSP 2008)
 - TP101 Approximate Trial Pit Location (E3P Oct 2014)



R1	02/11/2014	Supplementary Trial Pits	ST	MD
R0	04/06/2014	Original	ST	MD
Note	Date	Revision	Initial	Checked
Drawing Title:		Job No:	Date:	
Complete Exploratory Hole Location Plan		10-021	02/11/2014	
		Drawing No:	Scale:	
		010	1:1,100@A1	
Job Title:		Client:		
Former Prysmian Cables, Prescot		Prescot Business Park		



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Trial Pit Log

Trialpit No

TP101

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

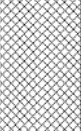
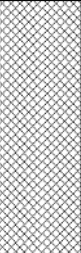
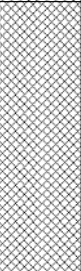
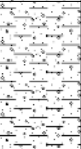
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Client: Prescot Business Park

Depth
3.30

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.45			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
				1.30			MADE GROUND: Firm to stiff light brown gravelly clay. Gravel is fine to coarse angular to sub-angular of brick, concrete and mudstone.	1
				2.20			MADE GROUND: Black gravel with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of brick and concrete.	2
	2.20	ES		2.20			Light brown fine to medium SAND.	
				2.80			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	3
				3.30			End of pit at 3.30 m	4
								5

Remarks: Trial Pit complete at 3.30m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP102

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021

Co-ords: -
Level:

Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

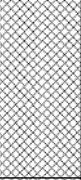
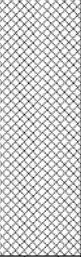
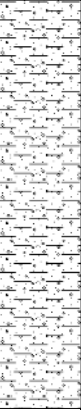
Scale

1:25

Client: Prescot Business Park

Depth
2.80

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼				0.60			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
				1.45			MADE GROUND: Red brown sandy gravel with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick, concrete, mudstone and occasional glass and metal.	1
				2.80			Stiff orange brown mottled grey gravelly sandy CLAY with grey sand lenses of fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
							End of pit at 2.80 m	3
								4
								5

Remarks: Trial Pit complete at 2.80m bgl.

Stability: Stable.







Trial Pit Log

Trialpit No

TP104

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

1:25

Client: Prescot Business Park

Depth
2.10

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
				0.55			MADE GROUND: Red brown sandy gravel. Gravel is fine to coarse angular to sub-angular of brick, sandstone, mudstone and occasional timber.	
				0.90			MADE GROUND: Black sandy gravel. Gravel is fine to coarse angular to sub-angular of limestone and asphalt.	
				2.10			Stiff orange brown mottled grey gravelly sandy CLAY with grey sand lenses of fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	1
							End of pit at 2.10 m	2
								3
								4
								5

Remarks: Trial Pit complete at 2.10m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP105

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

1:25

Client: Prescot Business Park

Depth
2.80

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.60	ES		0.30			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	1
							MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete, sandstone and mudstone.	
				0.90			MADE GROUND: Soft black gravelly clay. Gravel is fine to medium angular to sub-angular of sandstone, mudstone and occasional glass, metal and timber.	
				1.40			MADE GROUND: Firm brown slightly gravelly sandy clay. Gravel is fine to coarse sub-angular to sub-rounded of mudstone and sandstone.	2
				1.80			MADE GROUND: Firm black gravelly clay. Gravel is fine to medium angular to sub-angular of sandstone, mudstone and occasional coal.	
				2.20			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
				2.80			End of pit at 2.80 m	3
								4
								5

Remarks: Trial Pit complete at 2.80m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP106

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021

Co-ords: -
Level:

Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

1:25

Client: Prescot Business Park

Depth
4.10

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.25			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
				0.50			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete, sandstone and mudstone.	
				0.65			MADE GROUND: Red ashy gravel. Gravel is fine to coarse angular to sub-angular of brick, sandstone and concrete.	
				0.85			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete, sandstone and mudstone.	
				1.20			MADE GROUND: Firm brown slightly gravelly sandy clay. Gravel is fine to coarse sub-angular to sub-rounded of mudstone and sandstone.	1
	1.80	ES					MADE GROUND: Firm black brown gravelly clay with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of brick and concrete.	2
				3.60			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	3
				4.10			End of pit at 4.10 m	4
								5

Remarks: Trial Pit complete at 4.10m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP107

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021

Co-ords: -
Level:

Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

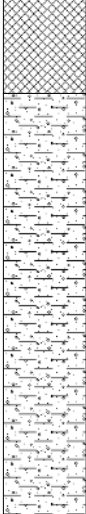
1:25

Client: Prescot Business Park

Depth
2.60

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼	1.10	ES		0.30			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
				0.75			MADE GROUND: Black slightly clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, sandstone, mudstone and occasional glass, plastic and timber.	
				1.20			MADE GROUND: Firm black brown gravelly clay with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick, sandstone, mudstone and concrete. Cobbles are sub-angular of brick and concrete.	
	2.50	ES		2.60			Stiff orange brown mottled grey gravelly sandy CLAY with grey sand lenses of fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
							End of pit at 2.60 m	

Remarks: Trial Pit complete at 2.60m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP108

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

1:25

Client: Prescot Business Park

Depth
2.20

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.20			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
							MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete, sandstone and occasional concrete slabs.	
	1.00	ES		0.80			MADE GROUND: Black ashy gravel. Gravel is fine to coarse angular to sub-angular of brick, sandstone, mudstone and concrete with occasional slate.	1
				1.80			Stiff orange brown mottled grey gravelly sandy CLAY with grey sand lenses of fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
				2.20			End of pit at 2.20 m	
								3
								4
								5

Remarks: Trial Pit complete at 2.20m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP109

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

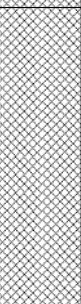
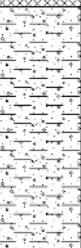
5

Scale
1:25

Client: Prescot Business Park

Depth
2.20

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.40	ES		0.20			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
				0.40			MADE GROUND: Light brown clayey gravel. Gravel is fine to coarse angular to sub-angular of brick and sandstone.	
							MADE GROUND: Black ashy gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete and occasional coal.	
				1.40			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
				2.20			End of pit at 2.20 m	

Remarks: Trial Pit complete at 2.20m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP110

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

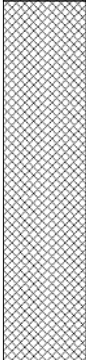
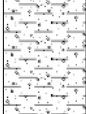
Scale

1:25

Client: Prescot Business Park

Depth
2.40

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.30			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
				0.60			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, mudstone, and sandstone.	
							MADE GROUND: Soft black clay.	1
				1.80			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
				2.00			Stiff brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
				2.40			End of pit at 2.40 m	3
								4
								5

Remarks: Trial Pit complete at 2.40m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP111

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescott

Dimensions
(m):

5

Scale

1:25

Client: Prescott Business Park

Depth
2.40

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.20			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	1
							MADE GROUND: Black clayey gravel with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles angular of brick and concrete.	
				0.80			MADE GROUND: Firm black gravelly clay. Gravel is fine to coarse angular to sub-angular of sandstone and mudstone.	
	1.40	ES		1.50			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
				2.40			End of pit at 2.40 m	3
								4
								5

Remarks: Trial Pit complete at 2.40m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP112

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescott

Dimensions
(m):

5

Scale

1:25

Client: Prescott Business Park

Depth
2.80

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.80	ES		0.20			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	1
				0.35			MADE GROUND: Red black clayey gravel. Gravel is fine to coarse angular to sub-rounded of brick, concrete, sandstone and mudstone.	
							MADE GROUND: Black white gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete, sandstone and mudstone.	
				1.00			MADE GROUND: Firm black slightly gravelly clay.	
				1.80			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-rounded of brick, sandstone and occasional coal.	
				2.20			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
				2.80			End of pit at 2.80 m	3
								4
								5

Remarks: Trial Pit complete at 2.80m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP113

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021

Co-ords: -
Level:

Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

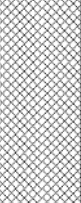
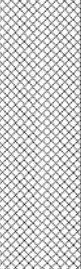
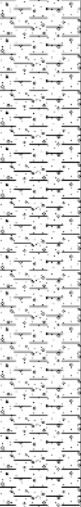
1:25

Client: Prescot Business Park

Depth
3.50

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.15	ES		0.20			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
				0.90			MADE GROUND: Red brown clayey gravel with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick, concrete and sandstone with occasional metal, timber and infrequent glass. Cobbles are sub-angular of brick and concrete.	
				1.80			MADE GROUND: Firm black gravelly clay. Gravel is fine to coarse angular to sub-angular of brick, concrete, metal and occasional glass and timber.	1
				3.50			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
							End of pit at 3.50 m	3
								4
								5

Remarks: Trial Pit complete at 3.50m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP114

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

1:25

Client: Prescot Business Park

Depth
3.30

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.00	ES		0.25			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	1
							MADE GROUND: Brown slightly clayey gravel with infrequent cobbles. Gravel is fine to coarse angular to sub-rounded of brick, concrete and sandstone. Cobbles are sub-angular of brick and sandstone.	
				0.85			MADE GROUND: Firm brown black gravelly clay. Gravel is fine to coarse angular to sub-angular of brick, sandstone and mudstone.	
				1.40			MADE GROUND: Firm black slightly sandy gravelly clay. Gravel is fine to coarse angular to sub-rounded of sandstone and mudstone.	
				2.90				2
								
								3
								
				3.30			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	4
								
								5
								
								
								
								
								
								
								
								
								
								
								
								
								

Remarks: Trial Pit complete at 3.30m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP115

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021

Co-ords: -
Level:

Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

1:25

Client: Prescot Business Park

Depth
3.70

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.25			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
				0.90			MADE GROUND: Brown slightly clayey gravel with infrequent cobbles. Gravel is fine to coarse angular to rounded of brick, concrete and sandstone. Cobbles are sub-angular of brick and sandstone.	
				1.80			MADE GROUND: Firm brown slightly sandy clay.	1
				2.60			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-rounded of brick, sandstone and occasional coal.	2
	2.70	ES		2.90			MADE GROUND: Red ashy gravel. Gravel is fine to coarse angular to sub-angular of brick and sandstone.	
				3.20			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of sandstone, mudstone and occasional coal.	3
	3.20	ES		3.70			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
							End of pit at 3.70 m	4
								5

Remarks: Trial Pit complete at 3.70m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP116

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

1:25

Client: Prescot Business Park

Depth
2.30

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.60	ES		0.30			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	1
				0.75			MADE GROUND: Firm black gravelly clay with infrequent cobbles. Gravel is fine to coarse angular to sub-rounded of brick, concrete, sandstone and mudstone. Cobbles are sub-angular of brick and sandstone.	
				1.30			MADE GROUND: Light grey red gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete, mudstone and occasional re-bar and timber.	
				1.60			MADE GROUND: Black brown firm to stiff CLAY.	2
				2.30			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
							End of pit at 2.30 m	3
								4
								5

Remarks: Trial Pit complete at 2.30m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP117

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescott

Dimensions
(m):

5

Scale

1:25

Client: Prescott Business Park

Depth
2.60

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.55	ES		0.20			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
				0.75			MADE GROUND: Firm black brown gravelly clay with frequent cobbles. Gravel is fine to coarse angular to sub-angular of brick, sandstone and mudstone. Cobbles are sub-angular of brick.	
				0.95			MADE GROUND: Firm black gravelly clay. Gravel is fine to coarse angular to sub-angular of sandstone, mudstone and cinders.	
				1.10			MADE GROUND: White grey gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete and occasional porcelain and glass.	1
							MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, mudstone and porcelain with occasional metal bands.	
				2.20			Stiff orange brown mottled grey gravelly sandy CLAY with lenses of grey fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
				2.60			End of pit at 2.60 m	3
								4
								5

Remarks: Trial Pit complete at 2.60m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP118

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

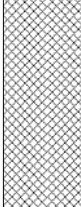
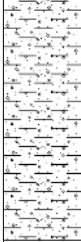
Depth
1.50

1:2

Scale
1:25

Logged

Client: Prescot Business Park

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.60	ES		0.70			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete and sandstone.	
				1.50			Stiff orange brown mottled grey gravelly sandy CLAY with lenses of grey fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	1
							End of pit at 1.50 m	2
								3
								4
								5

Remarks: Trial Pit complete at 1.50m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP119

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescott

Dimensions
(m):

5

Scale

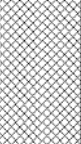
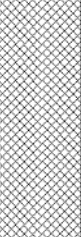
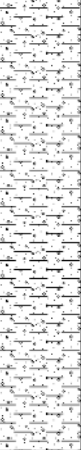
1:25

Client: Prescott Business Park

Depth
2.80

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.50			MADE GROUND: Black grey clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete, sandstone and occasional glass and plastic.	
				1.30			MADE GROUND: Firm black gravelly clay. Gravel is fine to coarse angular to sub-angular of brick, sandstone, mudstone and occasional glass and metal.	1
				2.80			Stiff orange brown mottled grey gravelly sandy CLAY with lenses of grey fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
	2.40	ES					End of pit at 2.80 m	3
								4
								5

Remarks: Trial Pit complete at 2.80m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP120

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

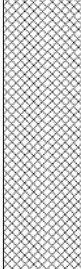
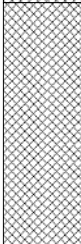
5

Scale
1:25

Client: Prescot Business Park

Depth
2.50

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.90			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete and sandstone.	
				1.70			MADE GROUND: Firm black gravelly clay. Gravel is fine to coarse angular to sub-angular of brick, sandstone, mudstone and occasional glass and metal. Brick and concrete obstruction encountered.	1
				2.50			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
							End of pit at 2.50 m	3
								4
								5

Remarks: Trial Pit complete at 2.50m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP121

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

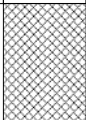
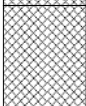
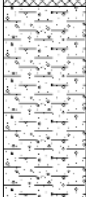
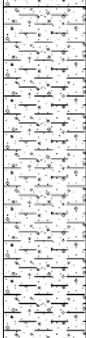
Scale
1:25

Client: Prescot Business Park

Depth
2.50

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.10	ES		0.40			MADE GROUND: Light grey gravel. Gravel is fine to coarse angular to sub-angular of brick and concrete.	
				0.75			MADE GROUND: Red black gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete and sandstone.	
				1.40			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	1
				2.50			Stiff brown gravelly sandy brittle CLAY. Gravel is fine to medium angular to sub-rounded of weathered mudstone.	2
							End of pit at 2.50 m	3
								4
								5

Remarks: Trial Pit complete at 2.50m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP122

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

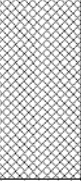
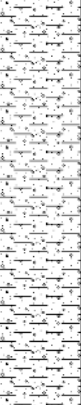
Scale

1:25

Client: Prescot Business Park

Depth
2.50

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.85	ES		0.30 0.50 1.10 2.50		   	MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil). MADE GROUND: Firm black gravelly clay with infrequent cobbles. Gravel is fine to coarse angular to sub-rounded of brick, concrete, sandstone and mudstone with occasional timber. Cobbles are sub-angular of brick, sandstone and mudstone. MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, sandstone and mudstone. Stiff orange brown mottled grey gravelly sandy CLAY with lenses of grey fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.
							End of pit at 2.50 m

Remarks: Trial Pit complete at 2.0m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP123

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

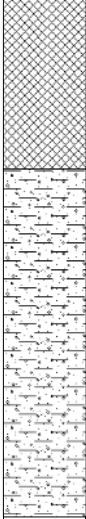
1:25

Client: Prescot Business Park

Depth
2.60

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.60	ES		0.30			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
				0.70			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete, mudstone and occasional re-bar.	
				1.45			MADE GROUND: Firm black gravelly clay with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick, sandstone, mudstone and occasional re-bar and relic concrete footings.	
				2.60			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
							End of pit at 2.60 m	

Remarks: Trial Pit complete at 2.60m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP124

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescott

Dimensions
(m):

5

Scale

1:25

Client: Prescott Business Park

Depth
1.80

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.20	ES		0.30			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
				0.60			MADE GROUND: Firm black gravelly clay. Gravel is fine to coarse angular to sub-rounded of brick, sandstone and mudstone.	
				1.80			Stiff orange brown mottled grey gravelly sandy CLAY with lenses of grey fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
							End of pit at 1.80 m	

Remarks: Trial Pit complete at 1.80m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP125

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescott

Dimensions
(m):

5

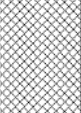
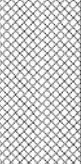
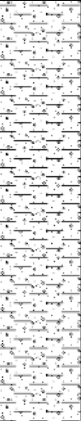
Depth
2.60

1:2

Scale
1:25

Logged

Client: Prescott Business Park

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.55	ES		0.40 0.60 1.20 2.60		   	MADE GROUND: Black clayey gravel with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of brick and concrete. MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete and sandstone. MADE GROUND: Red black clayey gravel. Gravel is fine to coarse angular to sub-rounded of brick, concrete, sandstone and mudstone. Stiff brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	1 2 3 4 5

Remarks: Trial Pit complete at 2.60m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP126

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
01/10/2014

Location: Carr Lane, Prescott

Dimensions
(m):

5

Depth
3.20

1:2

Scale

1:25

Logged

Client: Prescott Business Park

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.35	ES		0.35			MADE GROUND: Soft black brown very sandy clay with roots and rootlets. (Topsoil).	
							MADE GROUND: Soft to firm red black gravelly clay. Gravel is fine to coarse angular to sub-angular of sandstone and brick.	
				1.00			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, sandstone and mudstone.	1
				1.50			Stiff brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
				3.20			End of pit at 3.20 m	3
								4
								5

Remarks: Trial Pit complete at 3.20m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP127

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

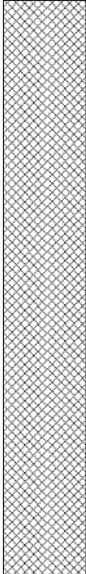
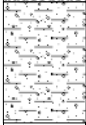
1:25

Client: Prescot Business Park

Depth
2.60

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.30			MADE GROUND: Red brown sandy gravel with cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of brick.	
							MADE GROUND: Firm black gravelly clay with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick, mudstone and sandstone. Cobbles are sub-angular of brick.	1
	1.90	ES		2.20			Stiff brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
				2.60			End of pit at 2.60 m	3
								4
								5

Remarks: Trial Pit complete at 2.60m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP128

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

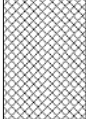
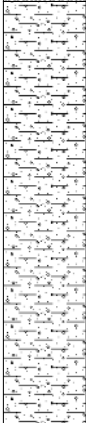
Scale

1:25

Client: Prescot Business Park

Depth
1.80

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	ES		0.40			MADE GROUND: Red brown sandy gravel with cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of brick.	
	1.70	ES		1.80			Stiff orange brown mottled grey gravelly sandy very brittle CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	1
							End of pit at 1.80 m	2
								3
								4
								5

Remarks: Trial Pit complete at 1.80m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP129

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

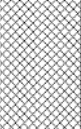
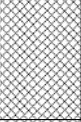
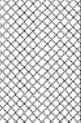
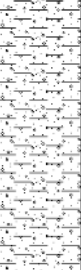
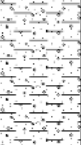
Scale

1:25

Client: Prescot Business Park

Depth
2.70

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.20	ES		0.45			MADE GROUND: Red brown sandy gravel with cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of brick.	
				0.85			MADE GROUND: Black ashgy gravel. Gravel is fine to coarse angular to sub-angular of asphalt, ash, clinker and occasional slag.	
				1.30			MADE GROUND: Firm black gravelly clay. Gravel is fine to coarse angular to sub-angular of mudstone and sandstone.	1
				2.20			Stiff orange brown mottled grey gravelly sandy very brittle CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
				2.70			Stiff black brown mottled grey gravelly sandy very brittle CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
							End of pit at 2.70 m	3
								4
								5

Remarks: Trial Pit complete at 2.70m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP130

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

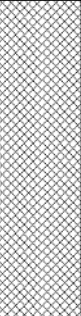
1:25

Client: Prescot Business Park

Depth
2.50

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.20	ES		0.30			MADE GROUND: Red brown sandy gravel with cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of brick.	
				1.35			MADE GROUND: Soft to firm black grey gravelly clay. Gravel is fine to medium angular to sub-angular of mudstone, sandstone and occasional slate.	1
				2.50			Stiff orange brown mottled grey gravelly sandy very brittle CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
							End of pit at 2.50 m	3
								4
								5

Remarks: Trial Pit complete at 2.50m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP131

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

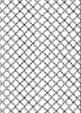
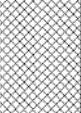
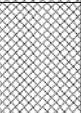
1:25

Client: Prescot Business Park

Depth
3.00

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.40			MADE GROUND: Red brown sandy gravel with cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of brick.	
				1.20			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, sandstone and mudstone.	1
				2.10			MADE GROUND: Firm black gravelly clay with infrequent cobbles. Gravel is fine to medium angular to sub-angular of sandstone, mudstone, slag and occasional slate. Cobbles are sub-angular of concrete and sandstone.	2
	1.90	ES		2.60			Firm to stiff black brown CLAY.	
				3.00			Stiff orange brown mottled grey gravelly sandy very brittle CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	3
							End of pit at 3.00 m	4
								5

Remarks: Trial Pit complete at 3.00m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP132

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

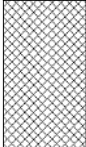
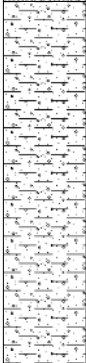
1:25

Client: Prescot Business Park

Depth
2.00

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.70	ES		0.30			MADE GROUND: Red brown sandy gravel with cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of brick.	
				0.80			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of sandstone, mudstone and coal cinders.	
				2.00			Stiff orange brown mottled grey gravelly sandy very brittle CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
							End of pit at 2.00 m	

Remarks: Trial Pit complete at 2.00m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP133

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021

Co-ords: -
Level:

Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

1:25

Client: Prescot Business Park

Depth
3.60

1.2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.60			MADE GROUND: Red brown sandy gravel with cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of brick.	
	1.30	ES		1.40			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of sandstone, mudstone and occasional slag and ceramic.	1
	1.90	ES					MADE GROUND: Black brown ashy gravel. Gravel is fine to coarse angular to sub-angular of brick, asphalt sandstone, mudstone and ceramic.	2
				2.90			Firm to stiff black brown CLAY.	3
	3.20	ES		3.20			Stiff orange brown mottled grey gravelly sandy very brittle CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
				3.60			End of pit at 3.60 m	4
								5

Remarks: Trial Pit complete at 3.60m bgl.

Stability: Unstable.





Trial Pit Log

Trialpit No

TP134

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

1:25

Client: Prescot Business Park

Depth
2.40

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.20	ES		0.30			MADE GROUND: Red brown sandy gravel with cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of brick.	
							MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick , concrete and sandstone.	
				0.80			Firm to stiff black brown CLAY.	
				1.30			Grey/Brown weathered MUDSTONE.	
				2.40			End of pit at 2.40 m	

Remarks: Trial Pit complete at 2.40m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP135

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

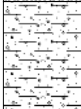
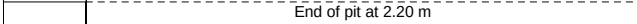
Scale

1:25

Client: Prescot Business Park

Depth
2.20

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.80	ES		0.10			MADE GROUND: Asphalt	
							MADE GROUND: Red gravel. Gravel is fine to coarse angular to sub-angular of brick, sandstone and mudstone.	
				0.40			Stiff orange brown mottled grey gravelly sandy very brittle CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
				0.80			Grey/Brown weathered MUDSTONE.	
				2.20			End of pit at 2.20 m	

Remarks: Trial Pit complete at 2.20m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP136

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

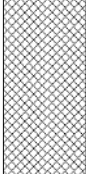
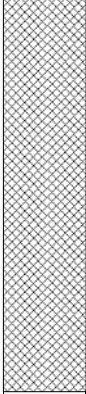
1:25

Client: Prescot Business Park

Depth
2.10

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			MADE GROUND: Asphalt	
				0.80			MADE GROUND Red brown gravel with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of concrete.	
				2.10			MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, concrete with occasional timber, steel and cement bonded ACM.	1
	2.30	ES					End of pit at 2.10 m	2
								3
								4
								5

Remarks: Trial Pit terminated at 2.10m bgl due to collapse.

Stability: Unstable.





Trial Pit Log

Trialpit No

TP137

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescott

Dimensions
(m):

5

Scale

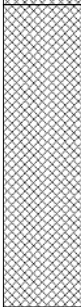
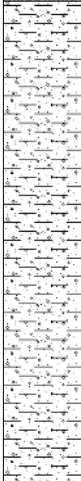
1:25

Client: Prescott Business Park

Depth
3.10

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.10			MADE GROUND: Asphalt	
				0.50			MADE GROUND: Red ashy gravel with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of brick, concrete, sandstone and occasional timber. Cobbles are sub-angular of brick.	
				1.50			MADE GROUND: Firm brown black gravelly clay with infrequent cobbles. Gravel is fine to coarse angular to sub-angular of mudstone and sandstone. Cobbles are sub-angular of brick.	1
	1.30	ES		3.10			Stiff orange brown mottled grey gravelly sandy CLAY with lenses of grey fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
							End of pit at 3.10 m	3
								4
								5

Remarks: Trial Pit complete at 3.10m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP138

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

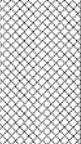
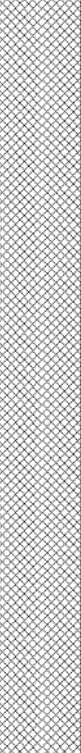
1:25

Client: Prescot Business Park

Depth
3.00

1.2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	1.20	ES		0.50			MADE GROUND: Red ashy gravel. Gravel is fine to coarse angular to sub-angular of brick , concrete and sandstone.
							MADE GROUND: Firm grey black mottled orange gravelly CLAY. Gravel is fine to medium sub-angular to sub-rounded of mudstone. Lense of tar encountered.
				3.00			End of pit at 3.00 m

1

2

3

4

5

Remarks: Trial Pit complete at 3.00m bgl due to collapse.

Stability: Unstable.





Trial Pit Log

Trialpit No

TP139

Sheet 2 of 2

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

1:2

Depth
5.20Scale
1:25

Logged

Client: Prescot Business Park

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				5.20			End of pit at 5.20 m	
								6
								7
								8
								9
								10

Remarks: Trial Pit complete at 5.20m bgl.

Stability: Unstable.





Trial Pit Log

Trialpit No

TP140

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

1:25

Client: Prescot Business Park

Depth
4.50

1:2

Logged
M. Whittaker

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.20			MADE GROUND: Soft dark brown sandy clay with roots and rootlets. (Topsoil).	
				0.70			MADE GROUND: Red black clayey gravel with frequent cobbles. Gravel is fine to coarse angular to sub-angular of brick, concrete and occasional glass and timber. Cobbles are sub-angular of concrete.	
				1.00			MADE GROUND: Light brown fine to medium sand.	1
				1.70			MADE GROUND: Grey slightly sandy gravel. Gravel is fine to coarse angular to sub-angular of brick and concrete.	
				2.30			MADE GROUND: Light brown fine to medium sand.	2
							MADE GROUND: Black clayey gravel. Gravel is fine to coarse angular to sub-angular of sandstone, concrete and potential cement bonded ACM.	3
	3.80	ES						4
				4.50			End of pit at 4.50 m	5

Remarks: Trial Pit terminated at 4.50m bgl due to collapse.

Stability: Unstable.





Trial Pit Log

Trialpit No

TP141

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescott

Dimensions
(m):

5

Depth
4.40

1:2

Scale
1:25

Logged

Client: Prescott Business Park

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.30			MADE GROUND: Soft dark brown sandy clay with roots and rootlets. (Topsoil).	
							MADE GROUND: Black brown clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, sandstone glass, tiles, plastic, timber, metal, ceramic, slate, cloth and steel.	1
								2
								3
	3.80	ES						
	4.10	ES		4.00			Stiff brown mottled grey gravelly sandy CLAY with lenses of grey fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	4
				4.40			End of pit at 4.40 m	5

Remarks: Trial Pit complete at 4.40m bgl.

Stability: Unstable.





Trial Pit Log

Trialpit No

TP142

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

1:25

Client: Prescot Business Park

Depth
4.00

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.35			MADE GROUND: Soft dark brown sandy clay with roots and rootlets. (Topsoil).	
							MADE GROUND: Black brown clayey gravel. Gravel is fine to coarse angular to sub-angular of brick, sandstone glass, tile, plastic, timber, metal, porcelain, slate, cloth and steel.	1
				2.80			Stiff black brown mottled grey gravelly sandy CLAY with lenses of grey fine to medium sand. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	2
	3.10	ES		3.30			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	3
				4.00			End of pit at 4.00 m	4
								5

Remarks: Trial Pit complete at 4.00m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP143

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescott

Dimensions
(m):

5

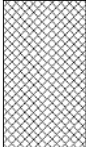
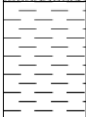
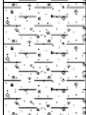
Scale

1:25

Client: Prescott Business Park

Depth
1.60

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.70	ES		0.30			MADE GROUND: Soft dark brown sandy clay with roots and rootlets. (Topsoil).	1
							MADE GROUND: Black ashy gravel. Gravel is fine to coarse angular to sub-angular of mudstone and coal cinders.	
				0.80			Firm to stiff light Brown CLAY.	
				1.20			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
				1.60			End of pit at 1.60 m	2
								3
								4
								5

Remarks: Trial Pit complete at 1.60m bgl.

Stability: Stable.







Trial Pit Log

Trialpit No

TP145

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

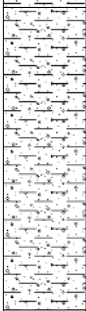
1:25

Client: Prescot Business Park

Depth
1.40

1:2

Logged
M. Whittaker

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.20			MADE GROUND: Soft dark brown sandy clay with roots and rootlets. (Topsoil).	
				0.40			Firm to stiff light brown very sandy CLAY.	
				1.40			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
							End of pit at 1.40 m	

Remarks: Trial Pit complete at 1.40m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP146

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale

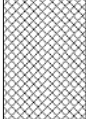
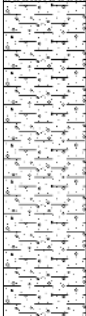
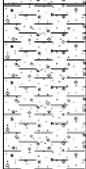
1:25

Client: Prescot Business Park

Depth
2.00

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.60	ES		0.40			MADE GROUND: Soft dark brown sandy clay with roots and rootlets. (Topsoil).	
				1.45			Stiff black brown gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
				2.00			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
							End of pit at 2.00 m	

Remarks: Trial Pit complete at 2.00m bgl.

Stability: Stable.





Trial Pit Log

Trialpit No

TP147

Sheet 1 of 1

Project Name: Former Prysmian Cables

Project No.
10-021Co-ords: -
Level:Date
02/10/2014

Location: Carr Lane, Prescot

Dimensions
(m):

5

Scale
1:25

Client: Prescot Business Park

Depth
1.70

1:2

Logged

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	ES					MADE GROUND: Red brown sandy gravel with cobbles. Gravel is fine to coarse angular to sub-angular of brick and concrete. Cobbles are sub-angular of brick and concrete.	1
				1.10			Stiff orange brown mottled grey gravelly sandy CLAY. Gravel is fine to medium angular to sub-rounded of sandstone and mudstone.	
				1.70			End of pit at 1.70 m	2
								3
								4
								5

Remarks: Trial Pit complete at 1.70m bgl.

Stability: Stable.



**Stephanie Towers**

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t: 01923 225404

f: 01923 237404

e: reception@i2analytical.com

Analytical Report Number : 14-61115

Project / Site name: Prysmian Cables, Prescott

Samples received on: 08/10/2014

Your job number: 10021

Samples instructed on: 08/10/2014

Your order number: 10021/860/ST

Analysis completed by: 15/10/2014

Report Issue Number: 1

Report issued on: 15/10/2014

Samples Analysed: 3 leachate samples - 26 soil samples

Signed:

Thurstan Plummer
Organics Technical Manager
For & on behalf of i2 Analytical Ltd.

Signed:

Rexona Rahman
Reporting Manager
For & on behalf of i2 Analytical Ltd.

Other office located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils - 4 weeks from reporting
leachates - 2 weeks from reporting
waters - 2 weeks from reporting
asbestos - 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Analytical Report Number: 14-61115
Project / Site name: Prysmian Cables, Prescott
Your Order No: 10021/860/ST

Lab Sample Number				380006	380007	380008	380009	380010
Sample Reference				TP116	TP118	TP119	TP121	TP123
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	0.60	2.40	1.10	0.60
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)				Units	Limit of detection	Accreditation Status		
Stone Content				%	0.1	NONE	< 0.1	< 0.1
Moisture Content				%	N/A	NONE	23	21
Total mass of sample received				kg	0.001	NONE	0.39	0.46
							0.53	0.51
								0.46

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	-	-	-

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-	-	-	-	-
Acenaphthylene	mg/kg	0.1	MCERTS	-	-	-	-	-
Acenaphthene	mg/kg	0.1	MCERTS	-	-	-	-	-
Fluorene	mg/kg	0.1	MCERTS	-	-	-	-	-
Phenanthrene	mg/kg	0.1	MCERTS	-	-	-	-	-
Anthracene	mg/kg	0.1	MCERTS	-	-	-	-	-
Fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	-
Pyrene	mg/kg	0.1	MCERTS	-	-	-	-	-
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-	-	-	-	-
Chrysene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	-
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-	-	-	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	-	-	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	-	-	-	-	-
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Petroleum Hydrocarbons

TPH (C5 - C6)	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH (C6 - C8)	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
TPH (C8 - C10)	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
TPH (C10 - C12)	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH (C12 - C16)	mg/kg	1	NONE	26	7.0	< 1.0	< 1.0	40
TPH (C16 - C21)	mg/kg	1	NONE	120	16	< 1.0	< 1.0	450
TPH (C21 - C35)	mg/kg	1	NONE	380	33	< 1.0	< 1.0	2900



Environmental Science

Analytical Report Number: 14-61115

Project / Site name: Prysmian Cables, Prescott

Your Order No: 10021/860/ST

Lab Sample Number	380006	380007	380008	380009	380010
Sample Reference	TP116	TP118	TP119	TP121	TP123
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.60	0.60	2.40	1.10	0.60
Date Sampled	02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		

VOCs

Chloromethane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Chloroethane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Bromomethane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Vinyl Chloride	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Trichlorofluoromethane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
1,1-Dichloroethene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1-Dichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
2,2-Dichloropropane	µg/kg	1	NONE	-	< 1.0	-	-	-
Trichloromethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,2-Dichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1-Dichloropropene	µg/kg	1	NONE	-	< 1.0	-	-	-
Trans-1,2-dichloroethene	µg/kg	1	NONE	-	< 1.0	-	-	-
Benzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Tetrachloromethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,2-Dichloropropane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Trichloroethene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Dibromomethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Bromodichloromethane	µg/kg	1	NONE	-	< 1.0	-	-	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Toluene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,3-Dichloropropane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Dibromochloromethane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Tetrachloroethene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,2-Dibromoethane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
Chlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1,1,2-Tetrachloroethane	µg/kg	1	NONE	-	< 1.0	-	-	-
Ethylbenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
p & m-Xylene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Styrene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Tribromomethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
o-Xylene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Isopropylbenzene	µg/kg	1	NONE	-	< 1.0	-	-	-
Bromobenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
n-Propylbenzene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
2-Chlorotoluene	µg/kg	1	NONE	-	< 1.0	-	-	-
4-Chlorotoluene	µg/kg	1	NONE	-	< 1.0	-	-	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
tert-Butylbenzene	µg/kg	1	NONE	-	< 1.0	-	-	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
sec-Butylbenzene	µg/kg	1	NONE	-	< 1.0	-	-	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
p-Isopropyltoluene	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Butylbenzene	µg/kg	1	NONE	-	< 1.0	-	-	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	-	< 1.0	-	-	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-	-	-
Hexachlorobutadiene	µg/kg	1	NONE	-	< 1.0	-	-	-
1,2,3-Trichlorobenzene	µg/kg	1	NONE	-	< 1.0	-	-	-



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Environmental Science

Analytical Report Number: 14-61115

Project / Site name: Prysmian Cables, Prescot

Your Order No: 10021/860/ST

Lab Sample Number				380006	380007	380008	380009	380010
Sample Reference				TP116	TP118	TP119	TP121	TP123
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	0.60	2.40	1.10	0.60
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					

SVOCs

Aniline	mg/kg	0.1	NONE	-	< 0.1	-	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	-	< 0.2	-	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	-	< 0.1	-	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	< 0.2	-	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	< 0.2	-	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	< 0.1	-	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	< 0.2	-	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	< 0.1	-	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	-	< 0.3	-	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	MCERTS	-	< 0.05	-	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	-	< 0.3	-	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	-	< 0.2	-	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	-	< 0.2	-	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	MCERTS	-	< 0.3	-	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	< 0.3	-	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	< 0.3	-	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	< 0.3	-	< 0.3	< 0.3
Naphthalene	mg/kg	0.1	MCERTS	-	< 0.10	-	< 0.10	< 0.10
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	< 0.3	-	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	-	< 0.1	-	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	< 0.1	-	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	< 0.1	-	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	< 0.1	-	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	< 0.2	-	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	-	0.3	-	0.4	0.5
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	< 0.1	-	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	-	< 0.1	-	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	< 0.1	-	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.1	MCERTS	-	< 0.10	-	< 0.10	< 0.10
Acenaphthene	mg/kg	0.1	MCERTS	-	< 0.10	-	< 0.10	0.33
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	< 0.2	-	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	-	< 0.2	-	< 0.2	0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	< 0.3	-	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	-	< 0.2	-	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	MCERTS	-	< 0.2	-	< 0.2	< 0.2
Fluorene	mg/kg	0.1	MCERTS	-	< 0.10	-	< 0.10	0.25
Azobenzene	mg/kg	0.3	MCERTS	-	< 0.3	-	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	< 0.2	-	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	< 0.3	-	< 0.3	< 0.3
Phenanthrene	mg/kg	0.1	MCERTS	-	1.5	-	0.29	2.8
Anthracene	mg/kg	0.1	MCERTS	-	0.22	-	< 0.10	0.54
Carbazole	mg/kg	0.3	MCERTS	-	< 0.3	-	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	< 0.2	-	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	MCERTS	-	< 0.3	-	< 0.3	< 0.3
Fluoranthene	mg/kg	0.1	MCERTS	-	2.1	-	0.23	4.7
Pyrene	mg/kg	0.1	MCERTS	-	1.7	-	0.24	4.5
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	< 0.3	-	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-	0.97	-	< 0.10	2.1
Chrysene	mg/kg	0.05	MCERTS	-	0.79	-	< 0.05	2.8
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-	0.63	-	< 0.10	2.7
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-	0.41	-	< 0.10	1.4
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-	0.44	-	< 0.10	< 0.10
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-	< 0.10	-	< 0.10	< 0.10
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-	< 0.10	-	< 0.10	< 0.10
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	< 0.05	-	< 0.05	< 0.05

Analytical Report Number: 14-61115
Project / Site name: Prysmian Cables, Prescott
Your Order No: 10021/860/ST

Lab Sample Number				380011	380012	380013	380014	380015
Sample Reference				TP125	TP127	TP128	TP128	TP143
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.55	1.90	0.30	1.70	0.70
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Unit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	N/A	NONE	17	21	12	7.3	17
Total mass of sample received	kg	0.001	NONE	0.48	0.54	0.49	0.52	0.38

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	-

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-	-	-	-	0.47
Acenaphthylene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Acenaphthene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Fluorene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Phenanthrene	mg/kg	0.1	MCERTS	-	-	-	-	1.0
Anthracene	mg/kg	0.1	MCERTS	-	-	-	-	0.18
Fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	0.22
Pyrene	mg/kg	0.1	MCERTS	-	-	-	-	0.26
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Chrysene	mg/kg	0.05	MCERTS	-	-	-	-	< 0.05
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	-	-	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	-	-	-	-	2.14
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Petroleum Hydrocarbons

TPH (C5 - C6)	mg/kg	1	NONE	< 1.0	-	-	< 1.0	< 1.0
TPH (C6 - C8)	mg/kg	0.1	NONE	< 0.1	-	-	< 0.1	< 0.1
TPH (C8 - C10)	mg/kg	0.1	NONE	< 0.1	-	-	< 0.1	< 0.1
TPH (C10 - C12)	mg/kg	10	NONE	< 10	-	-	< 10	11
TPH (C12 - C16)	mg/kg	1	NONE	15	-	-	< 1.0	51
TPH (C16 - C21)	mg/kg	1	NONE	72	-	-	< 1.0	95
TPH (C21 - C35)	mg/kg	1	NONE	310	-	-	< 1.0	120



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Environmental Science

Analytical Report Number: 14-61115

Project / Site name: Prysmian Cables, Prescot

Your Order No: 10021/860/ST

Lab Sample Number				380011	380012	380013	380014	380015
Sample Reference				TP125	TP127	TP128	TP128	TP143
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.55	1.90	0.30	1.70	0.70
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
VOCs								
Chloromethane	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
Chloroethane	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
Bromomethane	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
Vinyl Chloride	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
Trichlorofluoromethane	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
1,1-Dichloroethene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
1,1-Dichloroethane	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
2,2-Dichloropropane	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-
Trichloromethane	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
1,2-Dichloroethane	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
1,1-Dichloropropene	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-
Trans-1,2-dichloroethene	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-
Benzene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Tetrachloromethane	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
1,2-Dichloropropane	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Trichloroethene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Dibromomethane	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Bromodichloromethane	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
Toluene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
1,3-Dichloropropane	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
Dibromochloromethane	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
Tetrachloroethene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
1,2-Dibromoethane	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
Chlorobenzene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
1,1,1,2-Tetrachloroethane	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-
Ethylbenzene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
p & m-Xylene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Styrene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Tribromomethane	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
o-Xylene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Isopropylbenzene	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-
Bromobenzene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
n-Propylbenzene	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
2-Chlorotoluene	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-
4-Chlorotoluene	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
tert-Butylbenzene	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
sec-Butylbenzene	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
p-Isopropyltoluene	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Butylbenzene	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	-	< 1.0	< 1.0	-	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	< 1.0	-	-
Hexachlorobutadiene	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-
1,2,3-Trichlorobenzene	µg/kg	1	NONE	-	< 1.0	< 1.0	-	-



Environmental Science

Analytical Report Number: 14-61115

Project / Site name: Prysmian Cables, Prescott

Your Order No: 10021/860/ST

Lab Sample Number				380011	380012	380013	380014	380015
Sample Reference				TP125	TP127	TP128	TP128	TP143
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.55	1.90	0.30	1.70	0.70
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
SVOCs								
Aniline	mg/kg	0.1	NONE	-	< 0.1	< 0.1	-	-
Phenol	mg/kg	0.2	ISO 17025	-	< 0.2	< 0.2	-	-
2-Chlorophenol	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	-	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	-	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	-	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	-	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	-	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	-	-
2-Methylphenol	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	-	-
Hexachloroethane	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	-	-
Nitrobenzene	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	-	-
4-Methylphenol	mg/kg	0.2	NONE	-	< 0.2	< 0.2	-	-
Isophorone	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	-	-
2-Nitrophenol	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	-	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	-	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	-	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	-	-
Naphthalene	mg/kg	0.1	MCERTS	-	0.27	0.89	-	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	-	-
4-Chloroaniline	mg/kg	0.1	NONE	-	< 0.1	< 0.1	-	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	-	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	< 0.1	< 0.1	-	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	-	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	-	-
2-Methylnaphthalene	mg/kg	0.1	NONE	-	0.5	0.8	-	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	-	-
Dimethylphthalate	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	-	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	-	-
Acenaphthylene	mg/kg	0.1	MCERTS	-	< 0.10	< 0.10	-	-
Acenaphthene	mg/kg	0.1	MCERTS	-	< 0.10	2.8	-	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	-	-
Dibenzofuran	mg/kg	0.2	MCERTS	-	< 0.2	1.4	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	< 0.3	< 0.3	-	-
Diethyl phthalate	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	-	-
4-Nitroaniline	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	-	-
Fluorene	mg/kg	0.1	MCERTS	-	< 0.10	1.7	-	-
Azobenzene	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	-	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	-	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	-	-
Phenanthrene	mg/kg	0.1	MCERTS	-	0.54	10	-	-
Anthracene	mg/kg	0.1	MCERTS	-	< 0.10	1.4	-	-
Carbazole	mg/kg	0.3	MCERTS	-	< 0.3	0.5	-	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	-	-
Anthraquinone	mg/kg	0.3	MCERTS	-	< 0.3	0.8	-	-
Fluoranthene	mg/kg	0.1	MCERTS	-	0.65	5.7	-	-
Pyrene	mg/kg	0.1	MCERTS	-	0.68	5.3	-	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	< 0.3	< 0.3	-	-
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-	0.54	2.8	-	-
Chrysene	mg/kg	0.05	MCERTS	-	0.67	3.4	-	-
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-	0.75	3.1	-	-
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-	0.35	1.3	-	-
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-	0.43	2.2	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-	< 0.10	0.89	-	-
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-	< 0.10	0.37	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	< 0.05	0.92	-	-

Analytical Report Number: 14-61115
 Project / Site name: Prysmian Cables, Prescott
 Your Order No: 10021/860/ST

Lab Sample Number	380016	380017	380018	380019	380020
Sample Reference	TP144	TP145	TP146	TP147	TP130
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.75	0.20	0.60	0.30	1.20
Date Sampled	02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		
Stone Content	%	0.1	NONE	< 0.1	< 0.1
Moisture Content	%	N/A	NONE	16	13
Total mass of sample received	kg	0.001	NONE	0.40	0.55

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	Not-detected

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-	-	< 0.05	-	-
Acenaphthylene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Acenaphthene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Fluorene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Phenanthrene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Anthracene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Fluoranthene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Pyrene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Chrysene	mg/kg	0.05	MCERTS	-	-	< 0.05	-	-
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-	-	< 0.10	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	< 0.05	-	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	-	-	< 1.60	-	-
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Petroleum Hydrocarbons

TPH (C5 - C6)	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	-
TPH (C6 - C8)	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	-
TPH (C8 - C10)	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	-
TPH (C10 - C12)	mg/kg	10	NONE	< 10	< 10	< 10	< 10	-
TPH (C12 - C16)	mg/kg	1	NONE	43	< 1.0	< 1.0	13	-
TPH (C16 - C21)	mg/kg	1	NONE	85	< 1.0	< 1.0	58	-
TPH (C21 - C35)	mg/kg	1	NONE	110	< 1.0	< 1.0	270	-



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Environmental Science

Analytical Report Number: 14-61115

Project / Site name: Prysmian Cables, Prescott

Your Order No: 10021/860/ST

Lab Sample Number				380016	380017	380018	380019	380020
Sample Reference				TP144	TP145	TP146	TP147	TP130
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.75	0.20	0.60	0.30	1.20
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
VOCs								
Chloromethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
Chloroethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
Bromomethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
Vinyl Chloride	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
Trichlorofluoromethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
1,1-Dichloroethene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
1,1-Dichloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
2,2-Dichloropropane	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
Trichloromethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
1,2-Dichloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	1.0	-
1,1-Dichloropropene	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
Trans-1,2-dichloroethene	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
Benzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
Tetrachloromethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
1,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
Trichloroethene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
Dibromomethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
Bromodichloromethane	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
Toluene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
1,3-Dichloropropane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
Dibromochloromethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
Tetrachloroethene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
1,2-Dibromoethane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
Chlorobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
1,1,1,2-Tetrachloroethane	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
p & m-Xylene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
Styrene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
Tribromomethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
o-Xylene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
Isopropylbenzene	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
Bromobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
n-Propylbenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
2-Chlorotoluene	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
4-Chlorotoluene	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
tert-Butylbenzene	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
sec-Butylbenzene	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
p-Isopropyltoluene	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
Butylbenzene	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	< 1.0	-	< 1.0	< 1.0	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	< 1.0	-	< 1.0	< 1.0	-
Hexachlorobutadiene	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
1,2,3-Trichlorobenzene	µg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-



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Environmental Science

Analytical Report Number: 14-61115

Project / Site name: Prysmian Cables, Prescot

Your Order No: 10021/860/ST

Lab Sample Number				380016	380017	380018	380019	380020
Sample Reference				TP144	TP145	TP146	TP147	TP130
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.75	0.20	0.60	0.30	1.20
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	-	-	< 0.1	< 0.1
Phenol	mg/kg	0.2	ISO 17025	< 0.2	-	-	< 0.2	< 0.2
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	-	< 0.1	< 0.1
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	-	-	< 0.2	< 0.2
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	-	< 0.2	< 0.2
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	-	-	< 0.1	< 0.1
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	-	-	< 0.2	< 0.2
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	-	-	< 0.1	< 0.1
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	-	-	< 0.3	< 0.3
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	-	-	< 0.05	< 0.05
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	-	-	< 0.3	< 0.3
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	-	-	< 0.2	< 0.2
Isophorone	mg/kg	0.2	MCERTS	< 0.2	-	-	< 0.2	< 0.2
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	-	-	< 0.3	< 0.3
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	-	-	< 0.3	< 0.3
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	-	-	< 0.3	< 0.3
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	-	< 0.3	< 0.3
Naphthalene	mg/kg	0.1	MCERTS	0.25	-	-	< 0.10	< 0.10
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	-	-	< 0.3	< 0.3
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	-	-	< 0.1	< 0.1
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	-	-	< 0.1	< 0.1
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	-	-	< 0.1	< 0.1
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	-	-	< 0.1	< 0.1
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	-	-	< 0.2	< 0.2
2-Methylnaphthalene	mg/kg	0.1	NONE	0.7	-	-	< 0.1	0.4
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	-	-	< 0.1	< 0.1
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	-	-	< 0.1	< 0.1
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	-	-	< 0.1	< 0.1
Acenaphthylene	mg/kg	0.1	MCERTS	< 0.10	-	-	< 0.10	< 0.10
Acenaphthene	mg/kg	0.1	MCERTS	< 0.10	-	-	< 0.10	< 0.10
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	-	-	< 0.2	< 0.2
Dibenzofuran	mg/kg	0.2	MCERTS	0.5	-	-	< 0.2	< 0.2
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	-	-	< 0.3	< 0.3
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	-	< 0.2	< 0.2
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	-	-	< 0.2	< 0.2
Fluorene	mg/kg	0.1	MCERTS	< 0.10	-	-	< 0.10	< 0.10
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	-	-	< 0.3	< 0.3
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	-	-	< 0.2	< 0.2
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	-	-	< 0.3	< 0.3
Phenanthrene	mg/kg	0.1	MCERTS	0.92	-	-	< 0.10	< 0.10
Anthracene	mg/kg	0.1	MCERTS	0.18	-	-	< 0.10	< 0.10
Carbazole	mg/kg	0.3	MCERTS	< 0.3	-	-	< 0.3	< 0.3
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	-	-	< 0.2	< 0.2
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	-	-	< 0.3	< 0.3
Fluoranthene	mg/kg	0.1	MCERTS	0.17	-	-	< 0.10	< 0.10
Pyrene	mg/kg	0.1	MCERTS	0.20	-	-	< 0.10	< 0.10
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	-	-	< 0.3	< 0.3
Benzo(a)anthracene	mg/kg	0.1	MCERTS	< 0.10	-	-	< 0.10	< 0.10
Chrysene	mg/kg	0.05	MCERTS	< 0.05	-	-	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	< 0.10	-	-	< 0.10	< 0.10
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	< 0.10	-	-	< 0.10	< 0.10
Benzo(a)pyrene	mg/kg	0.1	MCERTS	< 0.10	-	-	< 0.10	< 0.10
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	< 0.10	-	-	< 0.10	< 0.10
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	< 0.10	-	-	< 0.10	< 0.10
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	-	-	< 0.05	< 0.05

Analytical Report Number: 14-61115
 Project / Site name: Prysmian Cables, Prescott
 Your Order No: 10021/860/ST

Lab Sample Number				380021	380022	380023	380024	380025
Sample Reference				TP131	TP133	TP136	TP101	TP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.90	3.20	2.50	2.20	2.60
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)				Units	Limit of detection	Accreditation Status		
Stone Content				%	0.1	NONE	15	< 0.1
Moisture Content				%	N/A	NONE	14	19
Total mass of sample received				kg	0.001	NONE	0.43	0.46
							0.40	0.54
								14
								0.50

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	Chrysotile- Insulation lagging	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Detected	Not-detected	-

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-	-	-	-	-
Acenaphthylene	mg/kg	0.1	MCERTS	-	-	-	-	-
Acenaphthene	mg/kg	0.1	MCERTS	-	-	-	-	-
Fluorene	mg/kg	0.1	MCERTS	-	-	-	-	-
Phenanthrene	mg/kg	0.1	MCERTS	-	-	-	-	-
Anthracene	mg/kg	0.1	MCERTS	-	-	-	-	-
Fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	-
Pyrene	mg/kg	0.1	MCERTS	-	-	-	-	-
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-	-	-	-	-
Chrysene	mg/kg	0.05	MCERTS	-	-	-	-	-
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	-
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	-
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-	-	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-	-	-	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	-	-	-

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	-	-	-	-	-
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Petroleum Hydrocarbons

TPH (C5 - C6)	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH (C6 - C8)	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
TPH (C8 - C10)	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
TPH (C10 - C12)	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH (C12 - C16)	mg/kg	1	NONE	33	19	14	< 1.0	< 1.0
TPH (C16 - C21)	mg/kg	1	NONE	190	38	52	< 1.0	< 1.0
TPH (C21 - C35)	mg/kg	1	NONE	800	79	140	< 1.0	< 1.0



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Environmental Science

Analytical Report Number: 14-61115

Project / Site name: Prysmian Cables, Prescot

Your Order No: 10021/860/ST

Lab Sample Number				380021	380022	380023	380024	380025
Sample Reference				TP131	TP133	TP136	TP101	TP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.90	3.20	2.50	2.20	2.60
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
VOCs								
Chloromethane	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
Chloroethane	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
Bromomethane	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
Vinyl Chloride	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
Trichlorofluoromethane	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
1,1,1-Dichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
Cis-1,2-dichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
1,1-Dichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
2,2-Dichloropropane	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-
Trichloromethane	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
1,2-Dichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
1,1-Dichloropropene	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-
Trans-1,2-dichloroethene	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-
Benzene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
Tetrachloromethane	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
1,2-Dichloropropane	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
Trichloroethene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
Dibromomethane	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
Bromodichloromethane	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
Toluene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
1,3-Dichloropropane	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
Dibromochloromethane	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
Tetrachloroethene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
1,2-Dibromoethane	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
Chlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
1,1,1,2-Tetrachloroethane	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-
Ethylbenzene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
p & m-Xylene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
Styrene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
Tribromomethane	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
o-Xylene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
Isopropylbenzene	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-
Bromobenzene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
n-Propylbenzene	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
2-Chlorotoluene	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-
4-Chlorotoluene	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
tert-Butylbenzene	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
sec-Butylbenzene	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
p-Isopropyltoluene	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
Butylbenzene	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	-	< 1.0	-	< 1.0	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	-	< 1.0	-	< 1.0	-
Hexachlorobutadiene	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-
1,2,3-Trichlorobenzene	µg/kg	1	NONE	-	< 1.0	-	< 1.0	-



Environmental Science

Analytical Report Number: 14-61115

Project / Site name: Prysmian Cables, Prescot

Your Order No: 10021/860/ST

Lab Sample Number				380021	380022	380023	380024	380025
Sample Reference				TP131	TP133	TP136	TP101	TP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.90	3.20	2.50	2.20	2.60
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
SVOCs								
Aniline	mg/kg	0.1	NONE	-	< 0.1	< 0.1	< 0.1	-
Phenol	mg/kg	0.2	ISO 17025	-	< 0.2	< 0.2	< 0.2	-
2-Chlorophenol	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	< 0.1	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	< 0.2	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	< 0.2	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	< 0.1	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	< 0.2	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	< 0.1	-
2-Methylphenol	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
Hexachloroethane	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-
Nitrobenzene	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
4-Methylphenol	mg/kg	0.2	NONE	-	< 0.2	< 0.2	< 0.2	-
Isophorone	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	< 0.2	-
2-Nitrophenol	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
Naphthalene	mg/kg	0.1	MCERTS	-	< 0.10	< 0.10	< 0.10	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
4-Chloroaniline	mg/kg	0.1	NONE	-	< 0.1	< 0.1	< 0.1	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	< 0.1	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	< 0.1	< 0.1	< 0.1	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	< 0.1	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	< 0.2	-
2-Methylnaphthalene	mg/kg	0.1	NONE	-	0.5	< 0.1	< 0.1	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	< 0.1	-
Dimethylphthalate	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	< 0.1	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	< 0.1	< 0.1	< 0.1	-
Acenaphthylene	mg/kg	0.1	MCERTS	-	< 0.10	< 0.10	< 0.10	-
Acenaphthene	mg/kg	0.1	MCERTS	-	< 0.10	< 0.10	< 0.10	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	< 0.2	-
Dibenzofuran	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	< 0.2	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	< 0.3	< 0.3	< 0.3	-
Diethyl phthalate	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	< 0.2	-
4-Nitroaniline	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	< 0.2	-
Fluorene	mg/kg	0.1	MCERTS	-	< 0.10	< 0.10	< 0.10	-
Azobenzene	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	< 0.2	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
Phenanthrene	mg/kg	0.1	MCERTS	-	0.55	0.48	< 0.10	-
Anthracene	mg/kg	0.1	MCERTS	-	0.11	< 0.10	< 0.10	-
Carbazole	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	< 0.2	< 0.2	< 0.2	-
Anthraquinone	mg/kg	0.3	MCERTS	-	< 0.3	< 0.3	< 0.3	-
Fluoranthene	mg/kg	0.1	MCERTS	-	0.56	0.97	< 0.10	-
Pyrene	mg/kg	0.1	MCERTS	-	0.52	0.76	< 0.10	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	< 0.3	< 0.3	< 0.3	-
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-	0.43	0.68	< 0.10	-
Chrysene	mg/kg	0.05	MCERTS	-	0.48	0.91	< 0.05	-
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-	0.37	0.91	< 0.10	-
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-	0.21	0.48	< 0.10	-
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-	0.25	0.30	< 0.10	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-	< 0.10	< 0.10	< 0.10	-
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-	< 0.10	< 0.10	< 0.10	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	< 0.05	< 0.05	< 0.05	-

Analytical Report Number: 14-61115
Project / Site name: Prysmian Cables, Prescot
Your Order No: 10021/860/ST

Lab Sample Number				380026	380027	380028	380029	380030
Sample Reference				TP105	TP107	TP107	TP108	TP111
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	1.10	2.50	0.10	0.20
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	N/A	NONE	13	22	15	19	10
Total mass of sample received	kg	0.001	NONE	0.47	0.45	0.52	0.47	0.49

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	-	-	-

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-	-	-	-	0.70
Acenaphthylene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Acenaphthene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Fluorene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Phenanthrene	mg/kg	0.1	MCERTS	-	-	-	-	0.59
Anthracene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	0.48
Pyrene	mg/kg	0.1	MCERTS	-	-	-	-	0.41
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-	-	-	-	0.37
Chrysene	mg/kg	0.05	MCERTS	-	-	-	-	0.37
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	0.42
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-	-	-	-	0.15
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-	-	-	-	< 0.10
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-	-	-	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	-	-	-	-	3.49
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Petroleum Hydrocarbons

TPH (C5 - C6)	mg/kg	1	NONE	< 1.0	-	< 1.0	< 1.0	-
TPH (C6 - C8)	mg/kg	0.1	NONE	< 0.1	-	< 0.1	< 0.1	-
TPH (C8 - C10)	mg/kg	0.1	NONE	< 0.1	-	< 0.1	< 0.1	-
TPH (C10 - C12)	mg/kg	10	NONE	< 10	-	< 10	< 10	-
TPH (C12 - C16)	mg/kg	1	NONE	21	-	< 1.0	36	-
TPH (C16 - C21)	mg/kg	1	NONE	150	-	< 1.0	450	-
TPH (C21 - C35)	mg/kg	1	NONE	290	-	< 1.0	1300	-



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Environmental Science

Analytical Report Number: 14-61115

Project / Site name: Prysmian Cables, Prescot

Your Order No: 10021/860/ST

Lab Sample Number				380026	380027	380028	380029	380030
Sample Reference				TP105	TP107	TP107	TP108	TP111
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	1.10	2.50	0.10	0.20
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
VOCs								
Chloromethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
Chloroethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
Bromomethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
Vinyl Chloride	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
Trichlorofluoromethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
1,1-Dichloroethene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
1,1-Dichloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
2,2-Dichloropropane	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-
Trichloromethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
1,1,1-Trichloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
1,2-Dichloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
1,1-Dichloropropene	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-
Trans-1,2-dichloroethene	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
Tetrachloromethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
1,2-Dichloropropane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
Trichloroethene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
Dibromomethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
Bromodichloromethane	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
1,1,2-Trichloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
1,3-Dichloropropane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
Dibromochloromethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
Tetrachloroethene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
1,2-Dibromoethane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
Chlorobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
1,1,1,2-Tetrachloroethane	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
p & m-Xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
Styrene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
Tribromomethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
o-Xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
1,1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
Isopropylbenzene	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-
Bromobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
n-Propylbenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
2-Chlorotoluene	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-
4-Chlorotoluene	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
tert-Butylbenzene	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
sec-Butylbenzene	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
p-Isopropyltoluene	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
1,2-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
1,4-Dichlorobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
Butylbenzene	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	< 1.0	< 1.0	-	-	-
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	-	-	-
Hexachlorobutadiene	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-
1,2,3-Trichlorobenzene	µg/kg	1	NONE	< 1.0	< 1.0	-	-	-



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Environmental Science

Analytical Report Number: 14-61115

Project / Site name: Prysmian Cables, Prescot

Your Order No: 10021/860/ST

Lab Sample Number				380026	380027	380028	380029	380030
Sample Reference				TP105	TP107	TP107	TP108	TP111
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.60	1.10	2.50	0.10	0.20
Date Sampled				02/10/2014	02/10/2014	02/10/2014	02/10/2014	02/10/2014
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
SVOCs								
Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	-	-	-
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	-	-	-
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	-	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	-	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	-	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	-	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	-	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	-	-
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	-	-
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	-	-
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	-	-
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	-	-	-
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	-	-
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	-	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	-	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	-	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	-	-
Naphthalene	mg/kg	0.1	MCERTS	< 0.10	0.25	-	-	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	-	-
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	-	-	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	-	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	-	-	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	-	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	-	-
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	0.9	-	-	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	-	-
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	-	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	-	-	-
Acenaphthylene	mg/kg	0.1	MCERTS	< 0.10	< 0.10	-	-	-
Acenaphthene	mg/kg	0.1	MCERTS	< 0.10	< 0.10	-	-	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	-	-
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	0.4	-	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	-	-	-
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	-	-
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	-	-
Fluorene	mg/kg	0.1	MCERTS	< 0.10	< 0.10	-	-	-
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	-	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	-	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	-	-
Phenanthrene	mg/kg	0.1	MCERTS	0.76	0.69	-	-	-
Anthracene	mg/kg	0.1	MCERTS	0.18	0.10	-	-	-
Carbazole	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	-	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	-	-	-
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	< 0.3	-	-	-
Fluoranthene	mg/kg	0.1	MCERTS	0.99	0.18	-	-	-
Pyrene	mg/kg	0.1	MCERTS	0.93	0.19	-	-	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	-	-	-
Benzo(a)anthracene	mg/kg	0.1	MCERTS	0.54	< 0.10	-	-	-
Chrysene	mg/kg	0.05	MCERTS	0.52	< 0.05	-	-	-
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	0.41	< 0.10	-	-	-
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	0.23	< 0.10	-	-	-
Benzo(a)pyrene	mg/kg	0.1	MCERTS	0.38	< 0.10	-	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	< 0.10	< 0.10	-	-	-
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	< 0.10	< 0.10	-	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	-	-	-

Analytical Report Number: 14-61115
 Project / Site name: Prysmian Cables, Prescott
 Your Order No: 10021/860/ST

Lab Sample Number				380031				
Sample Reference				TP113				
Sample Number				None Supplied				
Depth (m)				0.75				
Date Sampled				02/10/2014				
Time Taken				None Supplied				
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	18				
Moisture Content	%	N/A	NONE	18				
Total mass of sample received	kg	0.001	NONE	0.46				

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Amosite- Insulation lagging,				
Asbestos in Soil	Type	N/A	ISO 17025	Detected				

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	-				
Acenaphthylene	mg/kg	0.1	MCERTS	-				
Acenaphthene	mg/kg	0.1	MCERTS	-				
Fluorene	mg/kg	0.1	MCERTS	-				
Phenanthrene	mg/kg	0.1	MCERTS	-				
Anthracene	mg/kg	0.1	MCERTS	-				
Fluoranthene	mg/kg	0.1	MCERTS	-				
Pyrene	mg/kg	0.1	MCERTS	-				
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-				
Chrysene	mg/kg	0.05	MCERTS	-				
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-				
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-				
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-				
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-				
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-				
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-				

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	1.6	MCERTS	-				
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Petroleum Hydrocarbons

TPH (C5 - C6)	mg/kg	1	NONE	< 1.0				
TPH (C6 - C8)	mg/kg	0.1	NONE	< 0.1				
TPH (C8 - C10)	mg/kg	0.1	NONE	< 0.1				
TPH (C10 - C12)	mg/kg	10	NONE	< 10				
TPH (C12 - C16)	mg/kg	1	NONE	6.8				
TPH (C16 - C21)	mg/kg	1	NONE	12				
TPH (C21 - C35)	mg/kg	1	NONE	56				

Analytical Report Number: 14-61115
 Project / Site name: Prysmian Cables, Prescott
 Your Order No: 10021/860/ST

Lab Sample Number				380031					
Sample Reference				TP113					
Sample Number				None Supplied					
Depth (m)				0.75					
Date Sampled				02/10/2014					
Time Taken				None Supplied					
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						
VOCs									
Chloromethane	µg/kg	1	ISO 17025	-					
Chloroethane	µg/kg	1	ISO 17025	-					
Bromomethane	µg/kg	1	ISO 17025	-					
Vinyl Chloride	µg/kg	1	ISO 17025	-					
Trichlorofluoromethane	µg/kg	1	ISO 17025	-					
1,1-Dichloroethene	µg/kg	1	MCERTS	-					
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/kg	1	ISO 17025	-					
Cis-1,2-dichloroethene	µg/kg	1	MCERTS	-					
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	-					
1,1-Dichloroethane	µg/kg	1	MCERTS	-					
2,2-Dichloropropane	µg/kg	1	NONE	-					
Trichloromethane	µg/kg	1	MCERTS	-					
1,1,1-Trichloroethane	µg/kg	1	MCERTS	-					
1,2-Dichloroethane	µg/kg	1	MCERTS	-					
1,1-Dichloropropene	µg/kg	1	NONE	-					
Trans-1,2-dichloroethene	µg/kg	1	NONE	-					
Benzene	µg/kg	1	MCERTS	-					
Tetrachloromethane	µg/kg	1	MCERTS	-					
1,2-Dichloropropane	µg/kg	1	MCERTS	-					
Trichloroethene	µg/kg	1	MCERTS	-					
Dibromomethane	µg/kg	1	MCERTS	-					
Bromodichloromethane	µg/kg	1	NONE	-					
Cis-1,3-dichloropropene	µg/kg	1	ISO 17025	-					
Trans-1,3-dichloropropene	µg/kg	1	ISO 17025	-					
Toluene	µg/kg	1	MCERTS	-					
1,1,2-Trichloroethane	µg/kg	1	MCERTS	-					
1,3-Dichloropropane	µg/kg	1	ISO 17025	-					
Dibromochloromethane	µg/kg	1	ISO 17025	-					
Tetrachloroethene	µg/kg	1	MCERTS	-					
1,2-Dibromoethane	µg/kg	1	ISO 17025	-					
Chlorobenzene	µg/kg	1	MCERTS	-					
1,1,1,2-Tetrachloroethane	µg/kg	1	NONE	-					
Ethylbenzene	µg/kg	1	MCERTS	-					
p & m-Xylene	µg/kg	1	MCERTS	-					
Styrene	µg/kg	1	MCERTS	-					
Tribromomethane	µg/kg	1	MCERTS	-					
o-Xylene	µg/kg	1	MCERTS	-					
1,1,2,2-Tetrachloroethane	µg/kg	1	MCERTS	-					
Isopropylbenzene	µg/kg	1	NONE	-					
Bromobenzene	µg/kg	1	MCERTS	-					
n-Propylbenzene	µg/kg	1	ISO 17025	-					
2-Chlorotoluene	µg/kg	1	NONE	-					
4-Chlorotoluene	µg/kg	1	NONE	-					
1,3,5-Trimethylbenzene	µg/kg	1	ISO 17025	-					
tert-Butylbenzene	µg/kg	1	NONE	-					
1,2,4-Trimethylbenzene	µg/kg	1	ISO 17025	-					
sec-Butylbenzene	µg/kg	1	NONE	-					
1,3-Dichlorobenzene	µg/kg	1	ISO 17025	-					
p-Isopropyltoluene	µg/kg	1	ISO 17025	-					
1,2-Dichlorobenzene	µg/kg	1	MCERTS	-					
1,4-Dichlorobenzene	µg/kg	1	MCERTS	-					
Butylbenzene	µg/kg	1	NONE	-					
1,2-Dibromo-3-chloropropane	µg/kg	1	ISO 17025	-					
1,2,4-Trichlorobenzene	µg/kg	1	MCERTS	-					
Hexachlorobutadiene	µg/kg	1	NONE	-					
1,2,3-Trichlorobenzene	µg/kg	1	NONE	-					



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Environmental Science

Analytical Report Number: 14-61115

Project / Site name: Prysmian Cables, Prescot

Your Order No: 10021/860/ST

Lab Sample Number				380031				
Sample Reference				TP113				
Sample Number				None Supplied				
Depth (m)				0.75				
Date Sampled				02/10/2014				
Time Taken				None Supplied				
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
SVOCs								
Aniline	mg/kg	0.1	NONE	-				
Phenol	mg/kg	0.2	ISO 17025	-				
2-Chlorophenol	mg/kg	0.1	MCERTS	-				
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-				
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-				
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-				
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-				
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-				
2-Methylphenol	mg/kg	0.3	MCERTS	-				
Hexachloroethane	mg/kg	0.05	MCERTS	-				
Nitrobenzene	mg/kg	0.3	MCERTS	-				
4-Methylphenol	mg/kg	0.2	NONE	-				
Isophorone	mg/kg	0.2	MCERTS	-				
2-Nitrophenol	mg/kg	0.3	MCERTS	-				
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-				
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-				
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-				
Naphthalene	mg/kg	0.1	MCERTS	-				
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-				
4-Chloroaniline	mg/kg	0.1	NONE	-				
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-				
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-				
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-				
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-				
2-Methylnaphthalene	mg/kg	0.1	NONE	-				
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-				
Dimethylphthalate	mg/kg	0.1	MCERTS	-				
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-				
Acenaphthylene	mg/kg	0.1	MCERTS	-				
Acenaphthene	mg/kg	0.1	MCERTS	-				
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-				
Dibenzofuran	mg/kg	0.2	MCERTS	-				
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-				
Diethyl phthalate	mg/kg	0.2	MCERTS	-				
4-Nitroaniline	mg/kg	0.2	MCERTS	-				
Fluorene	mg/kg	0.1	MCERTS	-				
Azobenzene	mg/kg	0.3	MCERTS	-				
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-				
Hexachlorobenzene	mg/kg	0.3	MCERTS	-				
Phenanthrene	mg/kg	0.1	MCERTS	-				
Anthracene	mg/kg	0.1	MCERTS	-				
Carbazole	mg/kg	0.3	MCERTS	-				
Dibutyl phthalate	mg/kg	0.2	MCERTS	-				
Anthraquinone	mg/kg	0.3	MCERTS	-				
Fluoranthene	mg/kg	0.1	MCERTS	-				
Pyrene	mg/kg	0.1	MCERTS	-				
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-				
Benzo(a)anthracene	mg/kg	0.1	MCERTS	-				
Chrysene	mg/kg	0.05	MCERTS	-				
Benzo(b)fluoranthene	mg/kg	0.1	MCERTS	-				
Benzo(k)fluoranthene	mg/kg	0.1	MCERTS	-				
Benzo(a)pyrene	mg/kg	0.1	MCERTS	-				
Indeno(1,2,3-cd)pyrene	mg/kg	0.1	MCERTS	-				
Dibenz(a,h)anthracene	mg/kg	0.1	MCERTS	-				
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-				



Analytical Report Number: 14-61115

Project / Site name: Prysmian Cables, Prescott

Your Order No: 10021/860/ST

Lab Sample Number	380032	380033	380034		
Sample Reference	TP107	TP109	TP111		
Sample Number	None Supplied	None Supplied	None Supplied		
Depth (m)	1.10	1.40	1.40		
Date Sampled	02/10/2014	02/10/2014	02/10/2014		
Time Taken	None Supplied	None Supplied	None Supplied		
Analytical Parameter (Leachate Analysis)	Units	Limit of detection	Accreditation Status		

Petroleum Hydrocarbons

TPH (C5 - C6)	µg/l	10	NONE	< 10	< 10	< 10		
TPH (C8 - C10)	µg/l	10	NONE	< 10	< 10	< 10		
TPH (C10 - C12)	µg/l	10	NONE	< 10	< 10	< 10		
TPH (C12 - C16)	µg/l	10	NONE	< 10	< 10	< 10		
TPH (C16 - C21)	µg/l	10	NONE	< 10	< 10	< 10		
TPH (C21 - C35)	µg/l	10	NONE	< 10	< 10	< 10		

VOCs

Chloromethane	µg/l	1	NONE	-	< 1.0	< 1.0		
Chloroethane	µg/l	1	NONE	-	< 1.0	< 1.0		
Bromomethane	µg/l	1	NONE	-	< 1.0	< 1.0		
Vinyl Chloride	µg/l	1	NONE	-	< 1.0	< 1.0		
1,1-dichloroethene	µg/l	1	NONE	-	< 1.0	< 1.0		
1,1,2-Trichloro 1,2,2-Trifluoroethane	µg/l	1	NONE	-	< 1.0	< 1.0		
Cis-1,2-dichloroethene	µg/l	1	NONE	-	< 1.0	< 1.0		
MTBE (Methyl Tertiary Butyl Ether)	µg/l	1	NONE	-	< 1.0	< 1.0		
1,1-dichloroethane	µg/l	1	NONE	-	< 1.0	< 1.0		
2,2-Dichloropropane	µg/l	1	NONE	-	< 1.0	< 1.0		
Trichloromethane	µg/l	1	NONE	-	< 1.0	< 1.0		
1,1,1-Trichloroethane	µg/l	1	NONE	-	< 1.0	< 1.0		
1,2-dichloroethane	µg/l	1	NONE	-	< 1.0	< 1.0		
1,1-Dichloropropene	µg/l	1	NONE	-	< 1.0	< 1.0		
Trans-1,2-dichloroethene	µg/l	1	NONE	-	< 1.0	< 1.0		
Benzene	µg/l	1	NONE	-	< 1.0	< 1.0		
Tetrachloromethane	µg/l	1	NONE	-	< 1.0	< 1.0		
1,2-dichloropropane	µg/l	1	NONE	-	< 1.0	< 1.0		
Trichloroethene	µg/l	1	NONE	-	< 1.0	< 1.0		
Dibromomethane	µg/l	1	NONE	-	< 1.0	< 1.0		
Bromodichloromethane	µg/l	1	NONE	-	< 1.0	< 1.0		
Cis-1,3-dichloropropene	µg/l	1	NONE	-	< 1.0	< 1.0		
Trans-1,3-dichloropropene	µg/l	1	NONE	-	< 1.0	< 1.0		
Toluene	µg/l	1	NONE	-	< 1.0	< 1.0		
1,1,2-Trichloroethane	µg/l	1	NONE	-	< 1.0	< 1.0		
1,3-Dichloropropane	µg/l	1	NONE	-	< 1.0	< 1.0		
Dibromochloromethane	µg/l	1	NONE	-	< 1.0	< 1.0		
Tetrachloroethene	µg/l	1	NONE	-	< 1.0	< 1.0		
1,2-Dibromoethane	µg/l	1	NONE	-	< 1.0	< 1.0		
Chlorobenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
1,1,1,2-Tetrachloroethane	µg/l	1	NONE	-	< 1.0	< 1.0		
Ethylbenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
p & m-xylene	µg/l	1	NONE	-	< 1.0	< 1.0		
Styrene	µg/l	1	NONE	-	< 1.0	< 1.0		
Tribromomethane	µg/l	1	NONE	-	< 1.0	< 1.0		
o-xylene	µg/l	1	NONE	-	< 1.0	< 1.0		
1,1,2,2-Tetrachloroethane	µg/l	1	NONE	-	< 1.0	< 1.0		
Isopropylbenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
Bromobenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
N-Propylbenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
2-Chlorotoluene	µg/l	1	NONE	-	< 1.0	< 1.0		
4-Chlorotoluene	µg/l	1	NONE	-	< 1.0	< 1.0		
1,3,5-Trimethylbenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
Tert-Butylbenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
1,2,4-Trimethylbenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
Sec-Butylbenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
1,3-dichlorobenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
P-Isopropyltoluene	µg/l	1	NONE	-	< 1.0	< 1.0		
1,2-dichlorobenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
1,4-dichlorobenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
Butylbenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
1,2-Dibromo-3-chloropropane	µg/l	1	NONE	-	< 1.0	< 1.0		
1,2,4-Trichlorobenzene	µg/l	1	NONE	-	< 1.0	< 1.0		
Hexachlorobutadiene	µg/l	0.1	NONE	-	< 0.1	< 0.1		
1,2,3-Trichlorobenzene	µg/l	1	NONE	-	< 1.0	< 1.0		



Analytical Report Number: 14-61115
Project / Site name: Prysmian Cables, Prescott

Your Order No: 10021/860/ST

Lab Sample Number	380032	380033	380034		
Sample Reference	TP107	TP109	TP111		
Sample Number	None Supplied	None Supplied	None Supplied		
Depth (m)	1.10	1.40	1.40		
Date Sampled	02/10/2014	02/10/2014	02/10/2014		
Time Taken	None Supplied	None Supplied	None Supplied		
Analytical Parameter (Leachate Analysis)	Units	Limit of detection	Accreditation Status		

SVOCs					
Aniline	µg/l	0.05	NONE	-	< 0.05
Phenol	µg/l	0.05	NONE	-	< 0.05
2-Chlorophenol	µg/l	0.05	NONE	-	< 0.05
Bis(2-chloroethyl)ether	µg/l	0.05	NONE	-	< 0.05
1,3-Dichlorobenzene	µg/l	0.05	NONE	-	< 0.05
1,2-Dichlorobenzene	µg/l	0.05	NONE	-	< 0.05
1,4-Dichlorobenzene	µg/l	0.05	NONE	-	< 0.05
Bis(2-chloroisopropyl)ether	µg/l	0.05	NONE	-	< 0.05
2-Methylphenol	µg/l	0.05	NONE	-	< 0.05
Hexachloroethane	µg/l	0.05	NONE	-	< 0.05
Nitrobenzene	µg/l	0.05	NONE	-	< 0.05
4-Methylphenol	µg/l	0.05	NONE	-	< 0.05
Isophorone	µg/l	0.05	NONE	-	< 0.05
2-Nitrophenol	µg/l	0.05	NONE	-	< 0.05
2,4-Dimethylphenol	µg/l	0.05	NONE	-	< 0.05
Bis(2-chloroethoxy)methane	µg/l	0.05	NONE	-	< 0.05
1,2,4-Trichlorobenzene	µg/l	0.05	NONE	-	< 0.05
Naphthalene	µg/l	0.01	NONE	-	< 0.01
2,4-Dichlorophenol	µg/l	0.05	NONE	-	< 0.05
4-Chloroaniline	µg/l	0.05	NONE	-	< 0.05
Hexachlorobutadiene	µg/l	0.05	NONE	-	< 0.05
4-Chloro-3-methylphenol	µg/l	0.05	NONE	-	< 0.05
2,4,6-Trichlorophenol	µg/l	0.05	NONE	-	< 0.05
2,4,5-Trichlorophenol	µg/l	0.05	NONE	-	< 0.05
2-Methylnaphthalene	µg/l	0.05	NONE	-	< 0.05
2-Chloronaphthalene	µg/l	0.05	NONE	-	< 0.05
Dimethylphthalate	µg/l	0.05	NONE	-	< 0.05
2,6-Dinitrotoluene	µg/l	0.05	NONE	-	< 0.05
Acenaphthylene	µg/l	0.01	NONE	-	< 0.01
Acenaphthene	µg/l	0.01	NONE	-	< 0.01
2,4-Dinitrotoluene	µg/l	0.05	NONE	-	< 0.05
Dibenzofuran	µg/l	0.05	NONE	-	< 0.05
4-Chlorophenyl phenyl ether	µg/l	0.05	NONE	-	< 0.05
Diethyl phthalate	µg/l	0.05	NONE	-	< 0.05
4-Nitroaniline	µg/l	0.05	NONE	-	< 0.05
Fluorene	µg/l	0.01	NONE	-	< 0.01
Azobenzene	µg/l	0.05	NONE	-	< 0.05
Bromophenyl phenyl ether	µg/l	0.05	NONE	-	< 0.05
Hexachlorobenzene	µg/l	0.02	NONE	-	< 0.02
Phenanthrene	µg/l	0.01	NONE	-	< 0.01
Anthracene	µg/l	0.01	NONE	-	< 0.01
Carbazole	µg/l	0.05	NONE	-	< 0.05
Dibutyl phthalate	µg/l	0.05	NONE	-	< 0.05
Anthraquinone	µg/l	0.05	NONE	-	< 0.05
Fluoranthene	µg/l	0.01	NONE	-	< 0.01
Pyrene	µg/l	0.01	NONE	-	< 0.01
Butyl benzyl phthalate	µg/l	0.05	NONE	-	< 0.05
Benzo(a)anthracene	µg/l	0.01	NONE	-	< 0.01
Chrysene	µg/l	0.01	NONE	-	< 0.01
Benzo(b)fluoranthene	µg/l	0.01	NONE	-	< 0.01
Benzo(k)fluoranthene	µg/l	0.01	NONE	-	< 0.01
Benzo(a)pyrene	µg/l	0.01	NONE	-	< 0.01
Indeno(1,2,3-cd)pyrene	µg/l	0.01	NONE	-	< 0.01
Dibenz(a,h)anthracene	µg/l	0.01	NONE	-	< 0.01
Benzo(ghi)perylene	µg/l	0.01	NONE	-	< 0.01

Analytical Report Number : 14-61115

Project / Site name: Prysmian Cables, Prescott

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and topsoil/loam soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content

of a sample is calculated as the % weight of the stones not passing a 2 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
380006	TP116	None Supplied	0.60	Brown sandy topsoil with gravel.
380007	TP118	None Supplied	0.60	Brown sandy clay.
380008	TP119	None Supplied	2.40	Light brown sand.
380009	TP121	None Supplied	1.10	Grey clay and sand.
380010	TP123	None Supplied	0.60	Brown clay and sand with gravel.
380011	TP125	None Supplied	0.55	Brown clay and topsoil with gravel and vegetation.
380012	TP127	None Supplied	1.90	Grey clay and sand.
380013	TP128	None Supplied	0.30	Red topsoil and sand with brick.
380014	TP128	None Supplied	1.70	Light brown sandy clay.
380015	TP143	None Supplied	0.70	Black clay and gravel.
380016	TP144	None Supplied	0.75	Black clay and gravel with vegetation.
380017	TP145	None Supplied	0.20	Brown topsoil and sand with gravel and vegetation.
380018	TP146	None Supplied	0.60	Brown topsoil and clay with vegetation.
380019	TP147	None Supplied	0.30	Light brown sandy topsoil with rubble.
380020	TP130	None Supplied	1.20	Grey clay.
380021	TP131	None Supplied	1.90	Black topsoil and sand with gravel and stones.
380022	TP133	None Supplied	3.20	Grey clay and sand with gravel.
380023	TP136	None Supplied	2.50	Grey gravelly sand.
380024	TP101	None Supplied	2.20	Light brown sand.
380025	TP103	None Supplied	2.60	Light brown clay and sand.
380026	TP105	None Supplied	0.60	Brown topsoil and clay with gravel.
380027	TP107	None Supplied	1.10	Grey clay.
380028	TP107	None Supplied	2.50	Light brown clay and sand.
380029	TP108	None Supplied	0.10	Brown topsoil and clay with vegetation.
380030	TP111	None Supplied	0.20	Brown topsoil and clay with gravel.
380031	TP113	None Supplied	0.75	Brown topsoil and clay with gravel and stones.

Analytical Report Number : 14-61115

Project / Site name: Prysmian Cables, Prescott

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Moisture Content	Moisture content, determined gravimetrically.	In-house method based on BS1377 Part 3, 1990, Chemical and Electrochemical Tests	L019-UK/PL	W	NONE
Semi-volatile organic compounds in leachate	Determination of semi-volatile organic compounds in leachate by extraction in dichloromethane followed by GC-MS.	In-house method based on USEPA 8270	L070-PL	D	NONE
Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds in soil by extraction in dichloromethane and hexane followed by GC-MS.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Stones not passing through a 10 mm sieve is determined gravimetrically and reported as a percentage of the dry weight. Sample results are not corrected for the stone content of the sample.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
TPH in (Water)	Determination of dichloromethane extractable hydrocarbons in leachate by GC-MS.	In-house method	L070-PL	W	NONE
Volatile organic compounds in leachate		In-house method based on USEPA8260	L036-UK		NONE
Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS.	In-house method based on USEPA8260	L073S-PL	W	MCERTS

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.