



MWS304: Arisings.



MWS305: Window sample location.



MWS305: Arisings.



MWS306: Window sample location.



MWS306: Arisings.



MWS307: Window sample location.



MWS307: Arisings.



MWS308: Window sample location.



MWS308: Arisings.



MWS309: Window sample location.



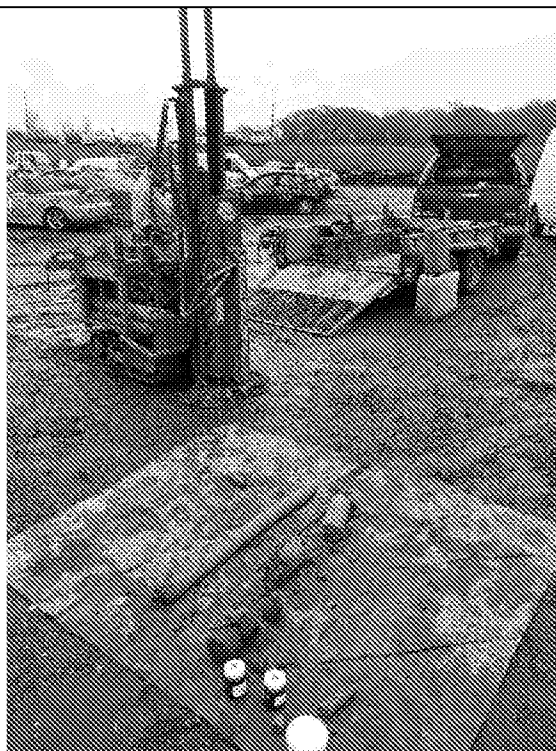
MWS309: Arisings.



MWS310B: Window sample location.



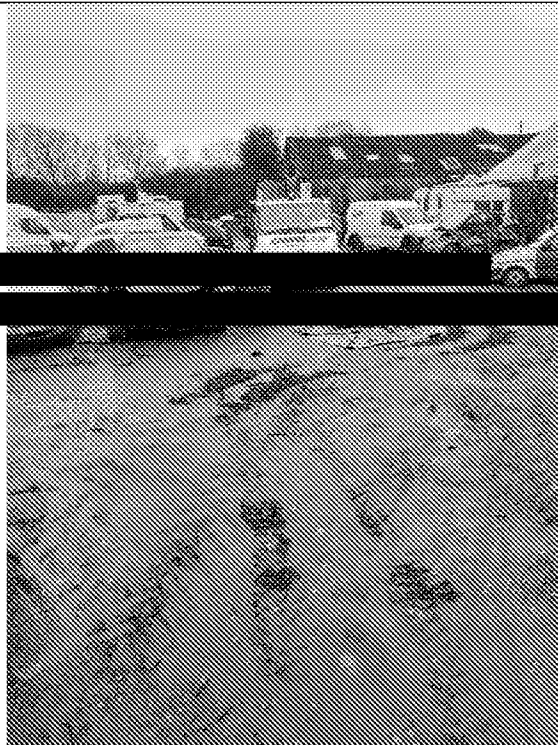
MWS310B: Arisings.



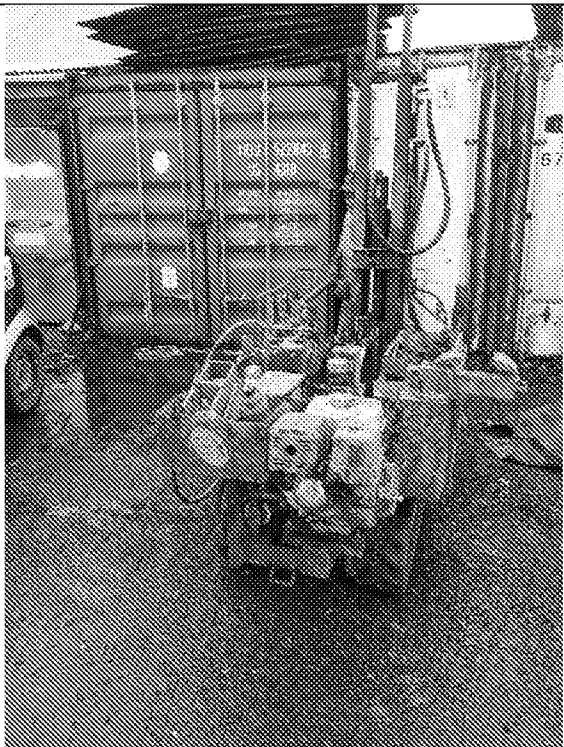
MWS311: Window sample location.



MWS311: Arisings.



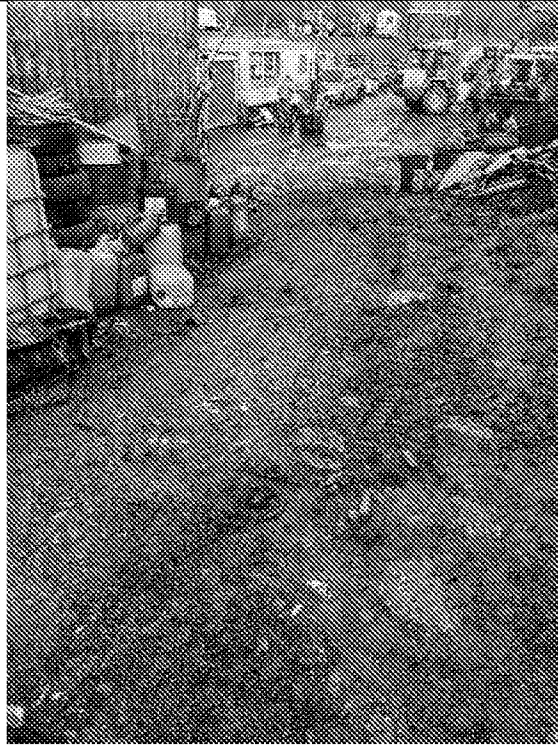
MWS312: Window sample location.



MWS313: Window sample location.



MWS313: Arisings.



MWS314: Window sample location.



MWS314: Arisings.



MWS315: Window sample location.



MWS315: Arisings.



MWS316: Window sample location.



MWS316: Arisings.



Asbestos cement sheeting on northern bund (near MTP332).



Asbestos cement sheeting damaged on northern bund (near MTP332).



Damaged asbestos cement identified on the surface behind workshop.



Damaged asbestos cement sheeting at the rear of the workshop.

APPENDIX 3 ▪ Exploratory Hole Logs

Project Name: Land North of Water Lane		Project No. 19495		Co-ords: -		Date 01/02/2021	
Location: Angmering				Dimensions (m): 2.00		Scale 1:25	
Equipment: 13 ton 360 excavator				Depth 1.50		Logged RMH	Checked AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼	0.40	B		0.30			TOPSOIL. Grass over dark brown gravelly sandy loam with rootlets. Gravel is subangular flint.	
	0.40	D,J,V		0.60			MADE GROUND. Orangish brown reworked soft gravelly clay with rare brick, plastic and concrete fragments. Gravel is subangular flint and chalk. <i>One piece of asbestos cement debris (sampled).</i>	
				1.50			Orangish brown slightly gravelly soft CLAY. Gravel is subangular flint.	
							End of Pit at 1.500m	

<p>D = small disturbed sample (tub)</p> <p>J = organic sample (amber glass jar)</p> <p>V = volatile sample (amber glass vial)</p> <p>B = bulk bag sample</p> <p>HSV = hand shear vane (kPa)</p> <p>PP = pocket penetrometer (kg.cm2)</p> <p>PID = photoionisation detector (ppm)</p>	<p>Stability</p> <p>Pit walls stable.</p>	<p>Remarks</p> <p>Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p>
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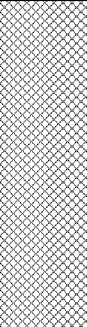
Project Name: Land North of Water Lane		Project No. 19495		Co-ords: - Level:		Date 01/02/2021	
Location: Angmering				Dimensions (m): 2.00		Scale 1:25	
Equipment: 13 ton 360 excavator				Depth 2.00		Logged RMH	Checked AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼	0.30	D,J,V		0.40			MADE GROUND. Grass over topsoil within a gravelly matrix with degraded black asphalt, planings and brick fragment inclusions. Gravel is subangular flint.	1
	0.50	D,J,V						
				1.20			Orangish brown slightly gravelly soft CLAY. Gravel is subangular flint.	2
				2.00			End of Pit at 2.000m	
								3
								4
								5

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Pit walls stable.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
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Project Name:	Land North of Water Lane	Project No.	19495	Co-ords:	-	Level:		Date	01/02/2021
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Location:	Angmering	Dimensions (m):	<div><div>0.50</div><div>2.00</div><div></div></div>	Scale	
Equipment:	13 ton 360 excavator	Depth 2.10		Logged RMH	Checked AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	D,J,V		0.20			TOPSOIL. Grass over dark brown gravelly sandy loam with rootlets. Gravel is subangular flint.	
				1.30			MADE GROUND. Reworked orangish brown gravelly soft clay with rare brick, plastic and metal rebar inclusions. Gravel is subangular flint.	1
				2.10			Dark blueish grey soft CLAY.	2
							End of Pit at 2.100m	3
								4
								5

<p>D = small disturbed sample (tub)</p> <p>J = organic sample (amber glass jar)</p> <p>V = volatile sample (amber glass vial)</p> <p>B = bulk bag sample</p> <p>HSV = hand shear vane (kPa)</p> <p>PP = pocket penetrometer (kg.cm2)</p> <p>PID = photoionisation detector (ppm)</p>	<p>Stability</p> <p>Pit walls stable.</p>	<p>Remarks</p> <p>Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p>
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Project Name:		Land North of Water Lane		Project No.		19495		Co-ords: -		Level:		Date		01/02/2021									
Location:								Angmering								Dimensions (m):		2.00		Scale		1:25	
Equipment:								13 ton 360 excavator								Depth		1.70		Logged		Checked	
Water Strike		Samples & In Situ Testing			Depth (m)		Level (m)		Legend		Stratum Description												
		Depth	Type	Results																			
		0.40	D,J,V			0.20						<p>TOPSOIL. Grass over dark brown gravelly sandy loam with rootlets. Gravel is subangular flint.</p>											
						0.70						<p>MADE GROUND. Reworked orangish brown gravelly soft clay with rare brick, metal inclusions. Gravel is subangular flint with rare cobbles.</p>											
						1.70						<p>Light brown mottled orangeish brown weathered soft CLAY.</p>											
												<p>End of Pit at 1.700m</p>											
												<p>1</p>											
												<p>2</p>											
												<p>3</p>											
												<p>4</p>											
												<p>5</p>											

D = small disturbed sample (tub)

J = organic sample (amber glass jar)

V = volatile sample (amber glass vial)

B = bulk bag sample

HSV = hand shear vane (kPa)

PP = pocket penetrometer (kg.cm2)

PID = photoionisation detector (ppm)

Stability

Pit walls stable.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

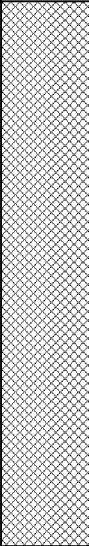
Project Name:	Land North of Water Lane	Project No.	19495	Co-ords: -	Level:	Date	01/02/2021
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Location:	Angmering	Dimensions (m):	2.00	Scale	1:25
Equipment:	13 ton 360 excavator	Depth	2.00	Logged	Checked
				RMH	AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	D,J,V		0.10			<p>TOPSOIL. Grass over dark brown gravelly sandy loam with rootlets. Gravel is subangular flint.</p> <p>MADE GROUND. Reworked orangish brown gravelly clay with inclusions of concrete slab, brick and metal. Gravel is subangular flint.</p>	
				0.70			Orangish brown slightly gravelly soft CLAY. Gravel is subangular flint.	1
				1.20			Band of white clayey Dc CHALK gravel and cobbles.	
				1.50			Orangish brown mottled blueish grey soft CLAY.	
				2.00			End of Pit at 2.000m	2
								3
								4
								5

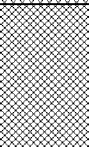
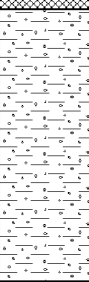
<p>D = small disturbed sample (tub)</p> <p>J = organic sample (amber glass jar)</p> <p>V = volatile sample (amber glass vial)</p> <p>B = bulk bag sample</p> <p>HSV = hand shear vane (kPa)</p> <p>PP = pocket penetrometer (kg.cm2)</p> <p>PID = photoionisation detector (ppm)</p>	<p>Stability</p> <p>Pit walls stable.</p>	<p>Remarks</p> <p>Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p>
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IDOM						TRIAL PIT LOG		TrialPit No MTP306 Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords: - Level:		Date 01/02/2021	
Location: Angmering						Dimensions (m): Depth 2.10		Scale 1:25	
Equipment: 13 ton 360 excavator								Logged RMH Checked AH	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	D,J,V		0.20			MADE GROUND. Black sandy gravel (planings).		
	1.00	D,J,V		MADE GROUND. Orangish brown reworked clay with chalk and flint gravel. Rare brick inclusions. <i>Rows of tyres along one edge of the trial hole (track edge).</i>					
				MADE GROUND. Light brown gravelly chalky clay with inclusions of brick and concrete.					
				Large concrete kerb slab.					
	2.10	End of Pit at 2.100m							
				Stability Pit walls stable.		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Unable to excavate further due to excavator arm reach onto the bank.			

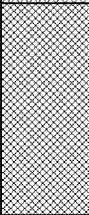
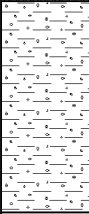
Project Name: Land North of Water Lane		Project No. 19495		Co-ords: - Level:		Date 01/02/2021	
Location: Angmering				Dimensions (m): 2.00		Scale 1:25	
Equipment: 13 ton 360 excavator				Depth 1.80		Logged RMH Checked AH	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.90	D,J,V		1.80			MADE GROUND. Reworked orangish brown becoming greenish brown slightly gravelly clay with occasional brick inclusions. Gravel is subangular flint.
							End of Pit at 1.800m
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability Pit walls stable.		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Unable to excavate further due to excavator arm reach onto the bank.	

Project Name: Land North of Water Lane				Project No. 19495		Co-ords: - Level:		Date 01/02/2021	
Location: Angmering						Dimensions (m): 2.00		Scale 1:25	
Equipment: 13 ton 360 excavator						Depth 2.40		Logged RMH Checked AH	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.20			TOPSOIL. Grass over dark brown gravelly sandy loam with rootlets. Gravel is subangular flint.		
	0.40	B					MADE GROUND. Orangish brown gravelly clay with inclusions of brick, concrete (boulders and cobbles) and cement debris. Regular tyres. Gravel is chalk and subangular flint. <i>Large tyres stacked. Total 11 excavated and further in edges of trial hole.</i> <i>Two pieces of asbestos cement debris (one sampled).</i>		
	1.00	D,J,V					Dark blueish grey gravelly soft CLAY. Gravel is subangular flint. <i>Degraded metal barrel lid.</i>		
				1.70					
				2.40			End of Pit at 2.400m		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability Pit walls unstable following tyre removal and water influx.			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

Project Name: Land North of Water Lane		Project No. 19495		Co-ords: - Level:		Date 01/02/2021	
Location: Angmering				Dimensions (m): 2.00		Scale 1:25	
Equipment: 13 ton 360 excavator				Depth 1.60		Logged RMH	Checked AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.40	D,J,V		0.20			ASPHALT.	1
				0.70			MADE GROUND. Greenish brown sandy gravel with inclusions of concrete boulders (slab/kerb), metal rebar and brick. Gravel is subangular flint.	
				1.60			Orangish brown slightly gravelly soft CLAY. Gravel is subangular flint.	
				End of Pit at 1.600m				
2								
3								
4								
5								

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Pit walls stable.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
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Project Name: Land North of Water Lane		Project No. 19495		Co-ords: - Level:		Date 01/02/2021	
Location: Angmering				Dimensions (m): 2.00		Scale 1:25	
Equipment: 13 ton 360 excavator				Depth 1.70		Logged RMH Checked AH	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
	Depth	Type	Results				
	0.50	D,J,V		0.30			ASPHALT.
				1.00			MADE GROUND. Greenish brown sandy gravel with inclusions of concrete boulders (slabs). Gravel is subangular flint.
				1.70			Orangish brown slightly gravelly soft CLAY. Gravel is subangular flint.
				End of Pit at 1.700m			
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability Pit walls stable.		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

Project Name:	Land North of Water Lane	Project No.	19495	Co-ords:	-	Level:		Date	01/02/2021
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Location:	Angmering	Dimensions (m):	<div>2.00</div> <div>0.50</div> <div></div>	Scale	
Equipment:	13 ton 360 excavator			1:25	
		Depth		Logged	Checked
		2.30		RMH	AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.60	D,J,V		0.30			MADE GROUND. Reworked orangish brown gravelly clay with inclusions of brick. Gravel is subangular flint. <i>Large tyres. Removed and many remain on edges of trial hole.</i>	
				0.40			MADE GROUND. Creamish brown chalky clayey matrix with inclusions of brick, concrete, asphalt and geotextile pieces.	
				1.50			MADE GROUND. Black stained gravel with oily globules and a strong hydrocarbon odour. Slabs of concrete, wood and metal present.	1
				2.30			Orangish brown slightly gravelly soft CLAY. Gravel is subangular flint.	2
							End of Pit at 2.300m	3
								4
								5

<p>D = small disturbed sample (tub)</p> <p>J = organic sample (amber glass jar)</p> <p>V = volatile sample (amber glass vial)</p> <p>B = bulk bag sample</p> <p>HSV = hand shear vane (kPa)</p> <p>PP = pocket penetrometer (kg.cm2)</p> <p>PID = photoionisation detector (ppm)</p>	<p>Stability</p> <p>Pit walls stable.</p>	<p>Remarks</p> <p>Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p> <p>Pit excavated at the base of bund where a 'tyre wall' is present.</p>
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Project Name:

Land North of Water Lane

Project No.

19495

Co-ords: -

Level:

Date

01/02/2021

Location:

Angmering

Dimensions (m):

2.00

Depth
2.00

0.50

Scale

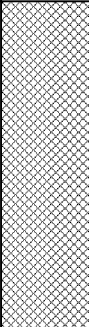
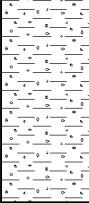
1:25

Logged
RMH

Checked
AH

Equipment:

13 ton 360 excavator

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.20	D,J,V		1.10			MADE GROUND. Orangish brown gravelly clay with rootlets and inclusions of brick. Gravel is subangular flint.	1
				1.30			MADE GROUND. Black stained clayey gravel with strong hydrocarbon odour.	
				2.00			Greenish brown mottled orangish brown slightly gravelly soft CLAY. Gravel is subangular flint.	2
							End of Pit at 2.000m	3
								4
								5

D = small disturbed sample (tub)
J = organic sample (amber glass jar)
V = volatile sample (amber glass vial)
B = bulk bag sample
HSV = hand shear vane (kPa)
PP = pocket penetrometer (kg.cm2)
PID = photoionisation detector (ppm)

Stability

Pit walls stable.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Pit excavated at the base of bund where a 'tyre wall' is present.

Project Name:

Land North of Water Lane

Project No.

19495

Co-ords: -

Level:

Date

02/02/2021

Location:

Angmering

Dimensions (m):

2.00

Depth
2.60

0.50

Scale

1:25

Logged
RMH

Checked
AH

Equipment:

13 ton 360 excavator

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.40	D,J,V		2.60			MADE GROUND. Brambles over orangish brown reworked mixed sandy gravelly clay with inclusions of brick, concrete, asphalt, wood and rootlets. Gravel is subrounded flint and chalk.	1
							Concrete kerb slab.	2
							End of Pit at 2.600m	3
								4
								5

D = small disturbed sample (tub)
J = organic sample (amber glass jar)
V = volatile sample (amber glass vial)
B = bulk bag sample
HSV = hand shear vane (kPa)
PP = pocket penetrometer (kg.cm2)
PID = photoionisation detector (ppm)

Stability

Pit walls stable.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Pit excavated into the side of a bund.

Project Name:

Land North of Water Lane

Project No.

19495

Co-ords: -

Level:

Date

02/02/2021

Location:

Angmering

Dimensions (m):

2.00

Depth
3.00

0.50

Scale

1:25

Logged
RMH

Checked
AH

Equipment:

13 ton 360 excavator

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.00	D,J,V					MADE GROUND. Brambles over orangish brown reworked mixed sandy gravelly clay with inclusions of brick, concrete, asphalt, plastic and rootlets. Gravel is subrounded flint and chalk (some cobbles).	1
							Section of timber telegraph pole.	2
				2.60			MADE GROUND. Dark sandy gravel (planings) with slight hydrocarbon odour.	
				2.70			Dark blueish grey mottled orangish brown gravelly firm CLAY. Gravel is subangular flint.	3
				3.00			End of Pit at 3.000m	4
								5

D = small disturbed sample (tub)
J = organic sample (amber glass jar)
V = volatile sample (amber glass vial)
B = bulk bag sample
HSV = hand shear vane (kPa)
PP = pocket penetrometer (kg.cm2)
PID = photoionisation detector (ppm)

Stability

Pit walls stable.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Pit excavated into the side of a bund.

Project Name:

Land North of Water Lane

Project No.

19495

Co-ords: -

Level:

Date

02/02/2021

Location:

Angmering

Dimensions (m):

2.00

Depth
3.00

0.50

Scale

1:25

Logged
RMH

Checked
AH

Equipment:

13 ton 360 excavator

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.60	D,J,V					MADE GROUND. Orangish brown gravelly clay with inclusions of brick, concrete (boulders and cobbles), asphalt, plastic, rope and metal wire. Gravel is chalk and subangular flint.	1
				2.50				2
				2.70			ASPHALT.	
				3.00			Blueish grey gravelly firm CLAY. Gravel is subangular flint.	3
							End of Pit at 3.000m	4
								5

D = small disturbed sample (tub)
J = organic sample (amber glass jar)
V = volatile sample (amber glass vial)
B = bulk bag sample
HSV = hand shear vane (kPa)
PP = pocket penetrometer (kg.cm2)
PID = photoionisation detector (ppm)

Stability

Pit walls stable.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Pit excavated into the side of a bund.

Project Name: Land North of Water Lane		Project No. 19495		Co-ords: - Level:		Date 02/02/2021	
Location: Angmering				Dimensions (m): 3.00		Scale 1:25	
Equipment: 13 ton 360 excavator				Depth 3.50		Logged RMH	Checked AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.80	D,J,V		0.20			TOPSOIL. Grass over dark brown gravelly sandy loam with rootlets. Gravel is subangular flint.	1
				1.70			MADE GROUND. Orangish brown reworked gravelly clay with inclusions of brick, concrete, clinker, asphalt pieces and metal. Gravel is subangular flint.	
	2.30	D,J,V		3.20			MADE GROUND. Greyish brown reworked gravelly clay with inclusions of brick and dark stained organic patches. Gravel is subangular flint. Slight organic odour.	2
				3.50			Dark blueish grey gravelly firm to stiff CLAY. Gravel is angular flint.	3
				End of Pit at 3.500m		4		
							5	

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Pit walls stable.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
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Project Name:	Land North of Water Lane	Project No.	19495	Co-ords:	-	Level:		Date	02/02/2021
Location:	Angmering	Dimensions (m):	2.00	Scale	1:25	Logged	Checked		
Equipment:	13 ton 360 excavator	Depth	1.20			RMH	AH		

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	D,J,V		0.15		ASPHALT.		
				0.40		MADE GROUND. Dark mixed gravel (type 1) with inclusions of brick, ceramics, wire, wood and concrete.		
						Orangish brown mottled light blueish grey gravelly soft CLAY. Gravel is subangular flint.		
						Clay land drain.		
				1.20		End of Pit at 1.200m		

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Pit walls stable.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
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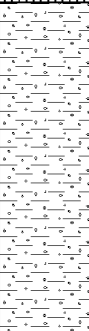
Project Name:	Land North of Water Lane	Project No.	19495	Co-ords: -	Level:	Date	02/02/2021
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Location:	Angmering	Dimensions (m):	<div><div>2.00</div><div>0.50</div><div></div></div>	Scale	
				1:25	
Equipment:	13 ton 360 excavator	Depth 1.40		Logged RMH	Checked AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	D,J,V		0.20			ASPHALT.	
				0.30			MADE GROUND. Greenish blue type 1 gravel.	
							MADE GROUND. Mixed dark brownish black gravels and clay with regular bricks, concrete, cinder block fragments, metal wire, plastic and ceramic tiles. Strong hydrocarbon odour. <i>Fragment of a former brick structure (boulder size).</i>	
				0.80			Orangish brown mottled light blueish gravelly soft CLAY. Gravel is subangular flint.	1
				1.40			End of Pit at 1.400m	2
								3
								4
								5

<p>D = small disturbed sample (tub)</p> <p>J = organic sample (amber glass jar)</p> <p>V = volatile sample (amber glass vial)</p> <p>B = bulk bag sample</p> <p>HSV = hand shear vane (kPa)</p> <p>PP = pocket penetrometer (kg.cm2)</p> <p>PID = photoionisation detector (ppm)</p>	<p>Stability</p> <p>Pit walls stable.</p>	<p>Remarks</p> <p>Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p>
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Project Name: Land North of Water Lane		Project No. 19495		Co-ords: -		Date 02/02/2021	
Location: Angmering				Dimensions (m): 2.00		Scale 1:25	
Equipment: 13 ton 360 excavator				Depth 1.60		Logged RMH	Checked AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	D,J,V		0.20			MADE GROUND. Black stained clayey gravel with strong hydrocarbon odour.	
				0.50			MADE GROUND. Succession of concrete boulders and cobbles (suspected to be a former base).	
							Orangish brown mottled grey slightly gravelly soft CLAY. Gravel is subangular flint.	1
				1.60			End of Pit at 1.600m	2
								3
								4
								5

<p>D = small disturbed sample (tub)</p> <p>J = organic sample (amber glass jar)</p> <p>V = volatile sample (amber glass vial)</p> <p>B = bulk bag sample</p> <p>HSV = hand shear vane (kPa)</p> <p>PP = pocket penetrometer (kg.cm2)</p> <p>PID = photoionisation detector (ppm)</p>	<p>Stability</p> <p>Pit walls stable.</p>	<p>Remarks</p> <p>Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p>
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Project Name:

Land North of Water Lane

Project No.

19495

Co-ords: -

Level:

Date

02/02/2021

Location:

Angmering

Dimensions (m):

2.00

Depth
2.40

0.50

Scale

1:25

Logged
RMH

Checked
AH

Equipment:

13 ton 360 excavator

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	D,J,V					MADE GROUND. Brambles over orangish brown reworked slightly gravelly clay with inclusions of wood, brick fragments, asphalt and plastic.	1
				2.00			Orangish brown very gravelly soft to firm CLAY. Gravel is subangular flint (occasional cobbles) and chalk.	2
				2.40			End of Pit at 2.400m	3
								4
								5

D = small disturbed sample (tub)
J = organic sample (amber glass jar)
V = volatile sample (amber glass vial)
B = bulk bag sample
HSV = hand shear vane (kPa)
PP = pocket penetrometer (kg.cm2)
PID = photoionisation detector (ppm)

Stability

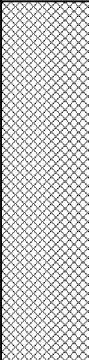
Pit walls stable.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Pit excavated into the side of a bund.

Project Name:		Land North of Water Lane		Project No.		19495		Co-ords: -		Level:		Date		02/02/2021									
Location:								Angmering								Dimensions (m):		2.00		Scale		1:25	
Equipment:								13 ton 360 excavator								Depth		2.60		Logged		Checked	
Water Strike		Samples & In Situ Testing			Depth (m)		Level (m)		Legend		Stratum Description												
		Depth	Type	Results																			
		1.00	D,J,V									<p>MADE GROUND. Brambles over brown gravelly clay with bands of light brown chalky clay and inclusions of brick, plastic, concrete and wire. Gravel is chalk (some cobbles) and subrounded flint.</p> <p>Very large concrete boulder.</p>											
						2.30						<p>Orangish brown very gravelly soft to firm CLAY. Gravel is subangular flint and chalk.</p>											
						2.60						<p>End of Pit at 2.600m</p>											
												<p>5</p>											
<p>D = small disturbed sample (tub)</p> <p>J = organic sample (amber glass jar)</p> <p>V = volatile sample (amber glass vial)</p> <p>B = bulk bag sample</p> <p>HSV = hand shear vane (kPa)</p> <p>PP = pocket penetrometer (kg.cm2)</p> <p>PID = photoionisation detector (ppm)</p>								<p>Stability</p> <p>Pit walls stable.</p>				<p>Remarks</p> <p>Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p> <p>Pit excavated into the side of a bund.</p>											

Project Name: Land North of Water Lane		Project No. 19495		Co-ords: - Level:		Date 02/02/2021		
Location: Angmering				Dimensions (m): 2.00		Scale 1:25		
Equipment: 13 ton 360 excavator				Depth 2.40		Logged RMH	Checked AH	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.20	D,J,V		1.20		 MADE GROUND. Brambles over brown gravelly clay with bands of light brown chalky clay and inclusions of brick, plastic, concrete and wire. Gravel is chalk (some cobbles) and subrounded flint.	1	
							MADE GROUND. Light brown clayey chalk gravel and cobbles with inclusions of concrete, brick and asphalt. <i>Asphalt boulder.</i> <i>Concrete slab boulder.</i>	2
				2.40 2.40			Orangish brown very gravelly soft to firm CLAY. Gravel is subangular flint (occasional cobbles) and chalk. End of Pit at 2.400m	3
								4
								5

D = small disturbed sample (tub)
J = organic sample (amber glass jar)
V = volatile sample (amber glass vial)
B = bulk bag sample
HSV = hand shear vane (kPa)
PP = pocket penetrometer (kg.cm2)
PID = photoionisation detector (ppm)

Stability
Pit walls stable.

Remarks
Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Pit excavated into the side of a bund.

Project Name:	Land North of Water Lane	Project No.	19495	Co-ords:	-	Date	02/02/2021
Location:	Angmering			Dimensions (m):	2.00	Scale	1:25
Equipment:	13 ton 360 excavator			Depth	2.30	Logged	RMH
						Checked	AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.70	D,J,V		0.60			MADE GROUND. Orangish brown reworked gravelly clay with inclusions of brick, concrete, asphalt pieces and plastic. Gravel is subangular flint and chalk.	
				0.90			MADE GROUND. Black sandy gravel (planings) with inclusions of brick fragments.	
				1.80			MADE GROUND. Orangish brown reworked gravelly clay with inclusions of brick, concrete, asphalt pieces and plastic. Gravel is subangular flint and chalk. <i>Frequent concrete boulders (kerb slabs)</i>	1
				2.30			Orangish brown mottled beige gravelly soft CLAY. Gravel is subangular flint.	2
							End of Pit at 2.300m	3
								4
								5

<p>D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)</p>	<p>Stability Pit walls stable.</p>	<p>Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Pit excavated into the side of a bund.</p>
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Project Name:	Land North of Water Lane	Project No.	19495	Co-ords:	-	Date	02/02/2021
Location:	Angmering			Dimensions (m):	2.00	Scale	1:25
Equipment:	13 ton 360 excavator			Depth	2.40	Logged	Checked
						RMH	AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.00	D,J,V					MADE GROUND. Orangish brown reworked gravelly clay with inclusions of brick fragments and concrete slabs. Gravel is subangular flint and chalk.	1
				1.50				
				1.70			MADE GROUND. Dark brown reworked gravelly clay with inclusions of brick fragments, cinder blocks and concrete. Gravel is subangular flint and chalk.	
							MADE GROUND. Orangish brown reworked gravelly clay with rare inclusions of brick fragments and concrete. Gravel is subangular flint and chalk.	
				2.00			Dark blueish grey gravelly firm to stiff CLAY. Gravel is angular flint.	2
				2.40			End of Pit at 2.400m	
								3
								4
								5

<p>D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)</p>	<p>Stability Pit walls stable.</p>	<p>Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. Pit excavated into the side of a bund.</p>
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ARUN DISTRICT COUNCIL A/90/22/DOC

Project Name: Land North of Water Lane

Project No.
19495

Co-ords: -
Level:

Date
03/02/2021

Location: Angmering

Dimensions (m): 2.00

Scale
1:25

Equipment: 13 ton 360 excavator

Depth
2.70

0.50

Logged
RMH

Checked
AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.20	D,J,V					MADE GROUND. Weeds over brown gravelly reworked clay mixed with topsoil. Rootlets present, inclusions of brick, concrete and asphalt fragments.	1
				2.30				2
				2.70			Dark blueish grey gravelly firm to stiff CLAY. Gravel is subangular flint and rare chalk.	3
							End of Pit at 2.700m	4
								5

D = small disturbed sample (tub)
J = organic sample (amber glass jar)
V = volatile sample (amber glass vial)
B = bulk bag sample
HSV = hand shear vane (kPa)
PP = pocket penetrometer (kg.cm2)
PID = photoionisation detector (ppm)

Stability
Pit walls stable.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
Pit excavated into the side of a bund.

Project Name:		Land North of Water Lane		Project No.		19495		Co-ords: -		Level:		Date		03/02/2021									
Location:								Angmering								Dimensions (m):		2.00		Scale		1:25	
Equipment:								13 ton 360 excavator								Depth		2.20		Logged		Checked	
Water Strike		Samples & In Situ Testing			Depth (m)		Level (m)		Legend		Stratum Description												
		Depth	Type	Results																			
		1.40	D,J,V			2.20						<p>MADE GROUND. Brown gravelly clay matrix with rootlets and regular inclusions of asphalt, black gravel, frequent concrete (cobble and boulders), brick and cinder block fragments. Some dark organic patches within the upper 1.0 m. Gravel is subangular flint and chalk.</p> <p>Huge concrete boulder (1.2 x 0.3 x 0.4 m)</p>											
												<p>End of Pit at 2.200m</p>											

<p>D = small disturbed sample (tub)</p> <p>J = organic sample (amber glass jar)</p> <p>V = volatile sample (amber glass vial)</p> <p>B = bulk bag sample</p> <p>HSV = hand shear vane (kPa)</p> <p>PP = pocket penetrometer (kg.cm2)</p> <p>PID = photoionisation detector (ppm)</p>	<p>Stability</p> <p>Pit walls stable.</p>	<p>Remarks</p> <p>Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p> <p>Pit excavated into bund from on top.</p>
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Project Name:

Land North of Water Lane

Project No.

19495

Co-ords: -

Level:

Date

03/02/2021

Location:

Angmering

Dimensions (m):

2.00

0.50

Depth

3.00

Scale

1:25

Logged

RMH

Checked

AH

Equipment:

13 ton 360 excavator

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	D,J,V					MADE GROUND. Brown gravelly clay matrix with rootlets and inclusions of asphalt, black gravel, frequent concrete (cobbles and boulders) and brick (cobbles). Rare glass and ceramic tile fragments and metal (rebar and scrap). Gravel is subangular flint and chalk.	1
								2
								3
				3.00			End of Pit at 3.000m	4
								5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability

Pit walls unstable from 2.6 m.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Pit excavated into bund from on top.

Project Name:		Land North of Water Lane		Project No.		19495		Co-ords: -		Level:		Date		03/02/2021									
Location:								Angmering								Dimensions (m):		2.00		Scale		1:25	
Equipment:								13 ton 360 excavator								Depth		2.80		Logged		Checked	
Water Strike		Samples & In Situ Testing			Depth (m)		Level (m)		Legend		Stratum Description												
		Depth	Type	Results																			
		0.60	D,J,V									<p>MADE GROUND. Orangish brown gravelly clay matrix with rootlets and inclusions of frequent concrete (cobbles and boulders), brick (cobbles) and asphalt. Rare plastics, geotextile, and metal (rebar). Gravel is subangular flint and chalk.</p> <p><u>Large concrete boulders.</u></p>											
												<p>End of Pit at 2.800m</p>											
												<p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>											
<p>D = small disturbed sample (tub)</p> <p>J = organic sample (amber glass jar)</p> <p>V = volatile sample (amber glass vial)</p> <p>B = bulk bag sample</p> <p>HSV = hand shear vane (kPa)</p> <p>PP = pocket penetrometer (kg.cm2)</p> <p>PID = photoionisation detector (ppm)</p>								<p>Stability</p> <p>Pit walls stable.</p>				<p>Remarks</p> <p>Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p> <p>Pit excavated into bund from on top.</p>											

Project Name:	Land North of Water Lane	Project No.	19495	Co-ords: -	Level:	Date	03/02/2021
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Location:	Angmering	Dimensions (m):	2.00	Scale	1:25
Equipment:	13 ton 360 excavator	Depth	2.60	Logged	Checked
				RMH	AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	2.00	D,J,V		2.60			MADE GROUND. Orangish brown gravelly clay matrix with rootlets and inclusions of frequent concrete (cobbles and boulders), brick (cobbles) and asphalt. Rare plastic and sandstone. Gravel is subangular flint and chalk.	1
								2
								3
								4
								5

<p>D = small disturbed sample (tub)</p> <p>J = organic sample (amber glass jar)</p> <p>V = volatile sample (amber glass vial)</p> <p>B = bulk bag sample</p> <p>HSV = hand shear vane (kPa)</p> <p>PP = pocket penetrometer (kg.cm2)</p> <p>PID = photoionisation detector (ppm)</p>	<p>Stability</p> <p>Pit walls stable.</p>	<p>Remarks</p> <p>Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p> <p>Pit excavated into bund from on top.</p>
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Project Name:	Land North of Water Lane	Project No.	19495	Co-ords:	-	Level:		Date	03/02/2021
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Location:	Angmering	Dimensions (m):	2.00		Scale	
					1:25	
Equipment:	13 ton 360 excavator	Depth			Logged	Checked
		3.00			RMH	AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.00	D,J,V					MADE GROUND. Orangish brown gravelly clay matrix with rootlets and inclusions of frequent concrete (cobbles and boulders), brick (cobbles) and asphalt. Rare plastics, glass and ceramic tile fragments. Gravel is subangular flint and chalk.	
							Fragment of a former brick structure (boulder size).	1
								2
	2.78	D,J,V					Patched area of black stained clay with strong hydrocarbon odour (sampled).	
				3.00			End of Pit at 3.000m	3
								4
								5

<p>D = small disturbed sample (tub)</p> <p>J = organic sample (amber glass jar)</p> <p>V = volatile sample (amber glass vial)</p> <p>B = bulk bag sample</p> <p>HSV = hand shear vane (kPa)</p> <p>PP = pocket penetrometer (kg.cm2)</p> <p>PID = photoionisation detector (ppm)</p>	<p>Stability</p> <p>Pit walls stable.</p>	<p>Remarks</p> <p>Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p> <p>Pit excavated into bund from on top.</p>
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Project Name:

Land North of Water Lane

Project No.

19495

Co-ords: -

Level:

Date

03/02/2021

Location:

Angmering

Dimensions (m):

2.00

0.50

Depth
2.80

Scale

1:25

Logged
RMH

Checked
AH

Equipment:

13 ton 360 excavator

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	1.40	D,J,V		2.80			<p>MADE GROUND. Weeds over orangish brown gravelly clay matrix with rootlets and inclusions of frequent concrete (cobbles and boulders), brick (cobbles) and asphalt. Rare plastics, metal rebar and ceramic tile fragments. Gravel is subangular flint and chalk.</p> <p>Large concrete boulders.</p> <p>End of Pit at 2.800m</p>	1 2 3 4 5

D = small disturbed sample (tub)
J = organic sample (amber glass jar)
V = volatile sample (amber glass vial)
B = bulk bag sample
HSV = hand shear vane (kPa)
PP = pocket penetrometer (kg.cm2)
PID = photoionisation detector (ppm)

Stability

Pit walls stable.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Pit excavated into bund from on top.

Project Name:	Land North of Water Lane	Project No.	19495	Co-ords: -	Level:	Date	04/02/2021
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Location:	Angmering	Dimensions (m):	<div><div>2.00</div><div>0.50</div><div></div></div>	Scale	
				1:25	
Equipment:	13 ton 360 excavator	Depth 1.30		Logged RMH	Checked AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	D,J,V		0.50		MADE GROUND. Multicoloured mixed sandy gravelly clay comprising black planings gravel, frequent brick, concrete and plastic. Hydrocarbon odour. <i>Concrete boulders.</i>		
				1.30		Orangish brown mottled light grey soft CLAY.		1
						End of Pit at 1.300m		2
								3
								4
								5

<p>D = small disturbed sample (tub)</p> <p>J = organic sample (amber glass jar)</p> <p>V = volatile sample (amber glass vial)</p> <p>B = bulk bag sample</p> <p>HSV = hand shear vane (kPa)</p> <p>PP = pocket penetrometer (kg.cm2)</p> <p>PID = photoionisation detector (ppm)</p>	<p>Stability</p> <p>Pit walls stable.</p>	<p>Remarks</p> <p>Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p>
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Project Name:

Land North of Water Lane

Project No.

19495

Co-ords: -

Level:

Date

04/02/2021

Location:

Angmering

Dimensions (m):

2.00

Depth
1.90

0.50

Scale

1:25

Logged
RMH

Checked
AH

Equipment:

13 ton 360 excavator

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.70	D,J,V		0.20			MADE GROUND. Black ashy asphalt gravel (planings).	
							MADE GROUND. Multicoloured mixed clayey sandy gravel with brick, concrete, metal, wood and glass bottles. Gravel is mixed road plainings and subrounded flint. Slight hydrocarbon odour.	
				0.90			MADE GROUND. Band of black ashy gravel (planings) with slight hydrocarbon odour.	1
				1.10			Orangish brown mottled light grey soft CLAY.	
				1.90			End of Pit at 1.900m	2
								3
								4
								5

D = small disturbed sample (tub)
J = organic sample (amber glass jar)
V = volatile sample (amber glass vial)
B = bulk bag sample
HSV = hand shear vane (kPa)
PP = pocket penetrometer (kg.cm2)
PID = photoionisation detector (ppm)

Stability

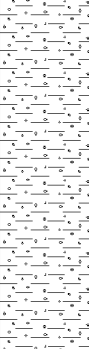
Pit walls stable.

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

Project Name: Land North of Water Lane				Project No. 19495		Co-ords: - Level:		Date 04/02/2021	
Location: Angmering						Dimensions (m): 2.00		Scale 1:25	
Equipment: 13 ton 360 excavator						Depth 1.30		Logged RMH Checked AH	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.50	D,J,V		0.20			MADE GROUND. Black ashy asphalt gravel (planings).		
				0.50			MADE GROUND. Multicoloured sandy cobbly gravel with very frequent brick and concrete. Gravel is subrounded flint.		
				0.80			Orangish brown mottled light grey soft CLAY with occasional fine to medium subangular flint gravel.		
				1.30			End of Pit at 1.300m		
							<div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div>		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability Pit walls stable.			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

Project Name: Land North of Water Lane		Project No. 19495		Co-ords: - Level:		Date 04/02/2021	
Location: Angmering				Dimensions (m): 2.00		Scale 1:25	
Equipment: 13 ton 360 excavator				Depth 1.50		Logged RMH	Checked AH

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	D,J,V		0.20 0.30		  	<p>MADE GROUND. Black gravel (planings) mixed with subrounded flint gravel.</p> <p>Brown very chalky gravelly soft CLAY. Gravel is chalk and subrounded flint.</p> <p>Orangish brown mottled dark blueish grey gravelly soft CLAY. Gravel is subrounded flint (rare cobbles) and rare fine grained chalk.</p>	<p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p>
				1.50			End of Pit at 1.500m	

D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)	Stability Pit walls stable.	Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.
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Project Name:

Land North of Water Lane

Project No.

19495

Co-ords: -

Level:

Date

04/02/2021

Location:

Angmering

Dimensions (m):

2.00

Depth

1.00

0.50

Scale

1:25

Logged

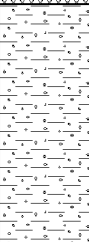
RMH

Checked

AH

Equipment:

13 ton 360 excavator

Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	D,J,V		0.20			MADE GROUND. Black gravel (planings) mixed with subrounded flint gravel.	
				1.00			Orangish brown cobbly gravelly firm CLAY. Gravel and cobbles are subrounded flint.	
							End of Pit at 1.000m	1
								2
								3
								4
								5

D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Stability

Pit walls stable.

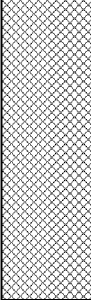
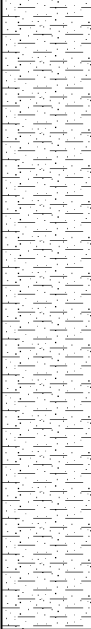
Remarks

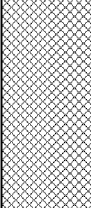
Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.

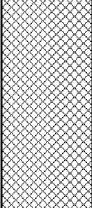
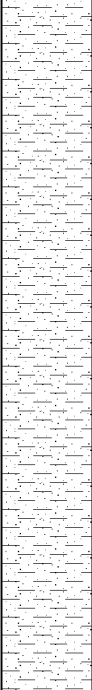
Project Name:	Land North of Water Lane	Project No.	19495	Co-ords:	-	Date	05/02/2021
Location:	Angmering			Dimensions (m):	2.00	Scale	1:25
Equipment:	13 ton 360 excavator			Depth	1.20	Logged	RMH
						Checked	AH

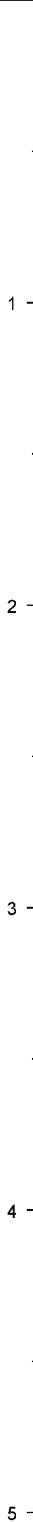
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	D,J,V		0.20			MADE GROUND. Black ashy asphalt gravel (planings) with occasional asphalt pieces. Slight hydrocarbon odour.	
				0.40			MADE GROUND. Stained blueish grey gravelly soft clay with slight hydrocarbon odour. Gravel is subangular flint.	
				1.20			Orangish brown mottled light blueish grey slightly gravelly soft CLAY. Gravel is subangular flint.	1
							End of Pit at 1.200m	2
								3
								4
								5

<p>D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)</p>	<p>Stability Pit walls stable.</p>	<p>Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.</p>
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					Windowless Sample Log		Borehole No. MWS301		
							Sheet 1 of 1		
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25	
Location: Angmering						Level (m):		Logged By SJM	
Equipment: Windowless Sampler Terrier Rig						Dates: 01/02/2021		Checked By RMH	
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20		 Grass overlying TOPSOIL comprising soft brown mottled orangish brown slightly gravelly clay. Gravels are medium subrounded flint.		
		0.60 - 0.80	D,J			 MADE GROUND comprising soft greyish brown gravelly sandy clay. Gravels are fine to coarse subangular chalk, flint and brick. Sands are coarse.			
		1.00	SPT(C)	N=2 (1,0/0,1,0,1)	1.20		 Soft becoming firm bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]		
		2.00	SPT(C)	N=8 (1,1/2,1,2,3)					
		3.00	SPT(C)	N=8 (2,1/1,2,3,2)	3.30		End of Borehole at 3.30m		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample				SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions. Services checked and CAT cleared prior to drilling.			

						Windowless Sample Log		Borehole No. MWS302 Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25	
Location: Angmering						Level (m):		Logged By SJM	
Equipment: Windowless Sampler Terrier Rig						Dates: 01/02/2021		Checked By RMH	
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.30	D,J		0.30		 Grass overlying TOPSOIL comprising soft slightly gravelly slightly sandy clay. Gravels are fine to medium subangular chalk and flint. Sands are coarse.	1	
							 MADE GROUND comprising soft orangish brown mottled grey slightly gravelly slightly sandy clay. Gravels are fine subangular chalk and flint. Sands are coarse.		
		1.00	SPT(C)	N=2 (0,0/0,1,0,1)	1.00		 Soft becoming firm bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	2	
		2.00	SPT(C)	N=7 (1,1/1,2,2,2)					3
		3.00	SPT(C)	N=7 (1,2/1,2,2,2)	3.30		End of Borehole at 3.30m	4	
								5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample						SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)			
						Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions. Services checked and CAT cleared prior to drilling.			

						Windowless Sample Log		Borehole No. MWS303 Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25	
Location: Angmering						Level (m):		Logged By SJM	
Equipment: Windowless Sampler Terrier Rig						Dates: 01/02/2021		Checked By RMH	
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.50 - 0.60	D,J		0.30		 Grass overlying TOPSOIL comprising soft slightly gravelly slightly sandy clay. Gravels are fine to medium subangular chalk and flint. Sands are coarse.	1	
		1.00	SPT(C)	N=6 (1,1/1,2,1,2)	1.00	 MADE GROUND comprising soft orangish brown mottled grey slightly gravelly slightly sandy clay. Gravels are fine subangular chalk, flint and clinker. Sands are coarse.			
		2.00	SPT(C)	N=8 (2,1/2,2,2,2)		 Soft becoming stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	2		
		3.00	SPT(C)	N=11 (1,1/2,3,3,3)	3.30	End of Borehole at 3.30m	3		
								4	
								5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample						SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)			
						Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions. Services checked and CAT cleared prior to drilling.			

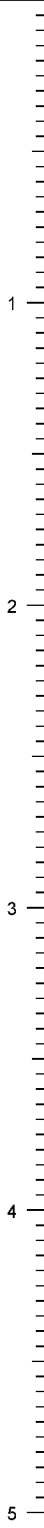
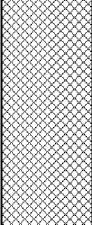
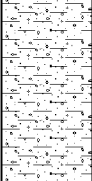
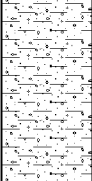
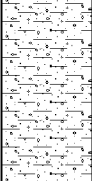
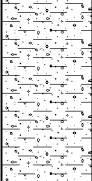
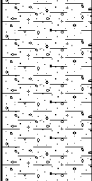
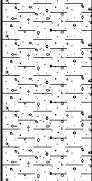
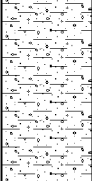
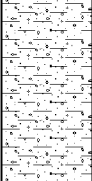
						Windowless Sample Log		Borehole No. MWS304 Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25	
Location: Angmering						Level (m):		Logged By SJM	
Equipment: Windowless Sampler Terrier Rig						Dates: 01/02/2021		Checked By RMH	
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.90 - 1.00 1.00	D,J SPT(C)	N=6 (1,2/1,2,1,2)	0.30 0.80 1.10		Grass overlying TOPSOIL comprising soft slightly gravelly slightly sandy clay. Gravels are fine to medium subangular chalk and flint. Sands are coarse.		
									MADE GROUND comprising soft orangish brown slightly gravelly slightly sandy clay. Gravels are fine subangular chalk, flint and clinker. Sands are coarse.
									MADE GROUND comprising loose black sandy gravel. Gravels are medium angular flint. Sands are coarse.
									Firm bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]
		3.00	SPT(C)	N=7 (1,1/1,2,2,2)	3.30		End of Borehole at 3.30m		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample						SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)			
Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions. Services checked and CAT cleared prior to drilling.									

IDom						Windowless Sample Log		Borehole No. MWS305 Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25	
Location: Angmering						Level (m):		Logged By SJM	
Equipment: Windowless Sampler Terrier Rig						Dates: 01/02/2021		Checked By RMH	
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20 - 0.30	D,J		0.20			Grass overlying TOPSOIL comprising soft slightly gravelly slightly sandy clay. Gravels are fine to medium subangular chalk and flint. Sands are coarse.	1
					0.70			MADE GROUND comprising soft brown slightly gravelly clay. Gravels are fine subangular brick, chalk and flint.	
		1.00	SPT(C)	N=3 (1,1/0,1,1,1)	0.90			MADE GROUND comprising loose black sandy gravel. Gravels are medium angular flint. Sands are coarse.	
								Soft becoming stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	
		2.00	SPT(C)	N=9 (1,2/2,1,3,3)					2
		3.00	SPT(C)	N=11 (2,2/2,3,3,3)					3
					3.30			End of Borehole at 3.30m	4
									5
<p>D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample</p> <p>SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)</p>						<p>Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.</p> <p>Services checked and CAT cleared prior to drilling.</p>			

						Windowless Sample Log		Borehole No. MWS306 Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25	
Location: Angmering						Level (m):		Logged By SJM	
Equipment: Windowless Sampler Terrier Rig						Dates: 01/02/2021		Checked By RMH	
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30 - 0.40	D,J		0.25			Grass overlying TOPSOIL comprising soft slightly gravelly slightly sandy clay. Gravels are fine to medium subangular chalk and flint. Sands are coarse.	1
					0.80			MADE GROUND comprising soft brown very gravelly sandy clay. Gravels are coarse angular chalk, brick, flint and clinker. Sands are coarse.	
		1.00	SPT(C)	N=3 (0,1/0,1,1,1)	1.10			Soft dark greenish grey slightly gravelly slightly sandy CLAY. Gravels are fine angular chalk. Sands are coarse. [HEAD DEPOSITS]	
								Soft becoming firm bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	
		2.00	SPT(C)	N=8 (1,1/2,2,2,2)					2
		3.00	SPT(C)	N=8 (0,1/2,2,2,2)					3
					3.30			End of Borehole at 3.30m	4
									5
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample						SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)			
Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions. Services checked and CAT cleared prior to drilling.									

						Windowless Sample Log		Borehole No. MWS307 Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25	
Location: Angmering						Level (m):		Logged By SJM	
Equipment: Windowless Sampler Terrier Rig						Dates: 02/02/2021		Checked By RMH	
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20			0.20		 Grass overlying TOPSOIL comprising soft slightly gravelly slightly sandy clay. Gravels are fine to medium subangular chalk and flint. Sands are coarse.	1	
		0.50 - 0.60	D,J		0.70		 MADE GROUND comprising soft greyish brown gravelly slightly sandy clay. Gravels are medium subrounded flint, chalk and brick. Sands are coarse.		
		1.00	SPT(C)	N=3 (0,1/0,1,1,1)	1.10		 Soft dark greenish grey slightly gravelly slightly sandy CLAY. Gravels are fine angular chalk. Sands are coarse. [HEAD DEPOSITS]		
		2.00	SPT(C)	N=7 (1,1/1,2,2,2)			 Soft becoming firm bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]		
		3.00	SPT(C)	N=7 (1,1/2,1,2,2)	3.30		 End of Borehole at 3.30m	3	
								4	
								5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample						SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)			
Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions. Services checked and CAT cleared prior to drilling.									

						Windowless Sample Log		Borehole No. MWS308 Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25	
Location: Angmering						Level (m):		Logged By SJM	
Equipment: Windowless Sampler Terrier Rig						Dates: 02/02/2021		Checked By RMH	
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20 - 0.30	D,J		0.05			CONCRETE. MADE GROUND comprising soft greyish brown very gravelly sandy clay. Gravels are medium angular flint, chalk and brick. Sands are coarse.	1
		1.00	SPT(C)	N=15 (2,2/5,4,3,3)	0.90			Soft dark greenish grey slightly gravelly slightly sandy CLAY. Gravels are fine angular chalk. Sands are coarse. [HEAD DEPOSITS]	
		1.20						Stiff brown very gravelly sandy CLAY. Gravels are medium subrounded flint. Sands are coarse. [HEAD DEPOSITS]	
		1.50						Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	2
2.00	SPT(C)	N=5 (1,1/1,1,1,2)						3	
3.00	SPT(C)	N=10 (1,1/2,1,2,5)							4
					3.30			End of Borehole at 3.30m	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample						SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)			
						Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions. Services checked and CAT cleared prior to drilling.			

						Windowless Sample Log		Borehole No. MWS309 Sheet 1 of 1				
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25				
Location: Angmering						Level (m):		Logged By SJM				
Equipment: Windowless Sampler Terrier Rig						Dates: 02/02/2021		Checked By RMH				
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description				
		Depth (m)	Type	Results								
		0.80 - 0.90	D,J	N=7 (1,1/1,2,2,2)	0.10		 MADE GROUND comprising loose dark grey sand and gravel. Gravels are medium angular concrete fragments. Sands are coarse.	 MADE GROUND comprising loose dark brown very gravelly clayey sand. Gravels are medium angular flint, chalk and brick. Sands are coarse.				
					0.65 0.70					 CONCRETE.	 MADE GROUND comprising soft greenish grey gravelly clay with moderate organic odour. Gravels are medium subangular clinker.	
		1.00	SPT(C)	N=8 (3,2/2,2,2,2)	1.00		 MADE GROUND comprising firm greenish grey mottled orangish brown gravelly slightly sandy clay. Gravels are ine angular brick and flint.	 Firm becoming stiff dark greenish grey slightly gravelly slightly sandy CLAY. Gravels are fine angular chalk. Sands are coarse. [HEAD DEPOSITS] <u>Edge of tyre.</u>		 Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	 Stiff brown very gravelly sandy CLAY. Gravels are medium subrounded flint. Sands are coarse. [HEAD DEPOSITS] Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	 Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]
					1.80		 Firm becoming stiff dark greenish grey slightly gravelly slightly sandy CLAY. Gravels are fine angular chalk. Sands are coarse. [HEAD DEPOSITS] <u>Edge of tyre.</u>					
		2.00	SPT(C)	N=6 (1,1/1,2,1,2)	2.50		 Firm becoming stiff dark greenish grey slightly gravelly slightly sandy CLAY. Gravels are fine angular chalk. Sands are coarse. [HEAD DEPOSITS] <u>Edge of tyre.</u>	 Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]		 Stiff brown very gravelly sandy CLAY. Gravels are medium subrounded flint. Sands are coarse. [HEAD DEPOSITS] Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	 Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	
					2.70 2.80							 Firm becoming stiff dark greenish grey slightly gravelly slightly sandy CLAY. Gravels are fine angular chalk. Sands are coarse. [HEAD DEPOSITS] <u>Edge of tyre.</u>
		3.00	SPT(C)	N=16 (3,3/3,4,4,5)	3.00		 Firm becoming stiff dark greenish grey slightly gravelly slightly sandy CLAY. Gravels are fine angular chalk. Sands are coarse. [HEAD DEPOSITS] <u>Edge of tyre.</u>	 Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]		 Stiff brown very gravelly sandy CLAY. Gravels are medium subrounded flint. Sands are coarse. [HEAD DEPOSITS] Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	 Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	
					4.00							 Firm becoming stiff dark greenish grey slightly gravelly slightly sandy CLAY. Gravels are fine angular chalk. Sands are coarse. [HEAD DEPOSITS] <u>Edge of tyre.</u>
		4.00	SPT(C)	N=16 (3,3/3,4,4,5)	4.30		 Firm becoming stiff dark greenish grey slightly gravelly slightly sandy CLAY. Gravels are fine angular chalk. Sands are coarse. [HEAD DEPOSITS] <u>Edge of tyre.</u>	 Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]		 Stiff brown very gravelly sandy CLAY. Gravels are medium subrounded flint. Sands are coarse. [HEAD DEPOSITS] Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	 Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	
					4.30							 Firm becoming stiff dark greenish grey slightly gravelly slightly sandy CLAY. Gravels are fine angular chalk. Sands are coarse. [HEAD DEPOSITS] <u>Edge of tyre.</u>
						End of Borehole at 4.30m						

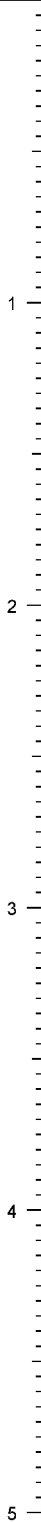
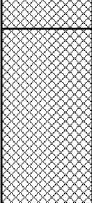
D = small disturbed sample (tub)
 J = organic sample (amber glass jar)
 V = volatile sample (amber glass vial)
 B = bulk bag sample

SPT(C) = Standard Penetration Test (Cone)
 SPT(S) = Standard Penetration Test (Split Spoon)
 HSV = hand shear vane (kPa)
 PP = pocket penetrometer (kg.cm2)
 PID = photoionisation detector (ppm)

Remarks

Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.

Services checked and CAT cleared prior to drilling.

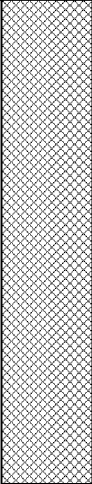
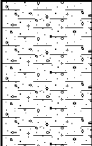
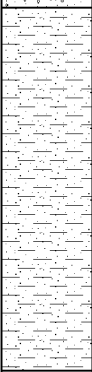
						Windowless Sample Log		Borehole No. MWS310A Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25	
Location: Angmering						Level (m):		Logged By SJM	
Equipment: Windowless Sampler Terrier Rig						Dates: 02/02/2021		Checked By RMH	
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		1.00	SPT(C)	N=6 (1,1/1,0,3,2)	0.10			MADE GROUND comprising loose dark grey sand and gravel. Gravels are medium angular concrete fragments. Sands are coarse.	
					0.15			CONCRETE.	
		1.70 - 1.80	D,J	N=5 (2,2/1,1,1,2)	0.90			MADE GROUND comprising a whole brick.	
					1.00			MADE GROUND comprising firm greenish grey mottled orangish brown gravelly slightly sandy clay. Gravels are ine angular brick and flint.	
					1.60			MADE GROUND comprising firm greenish grey gravelly clay. Gravels are medium subangular brick and flint.	
2.00	SPT(C)	2.50		MADE GROUND comprising firm greenish grey mottled orangish brown gravelly slightly sandy clay. Gravels are fine angular brick and flint.					
				2.70		End of Borehole at 2.70m			
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample						SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)			
Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions. Services checked and CAT cleared prior to drilling. Window sample terminated due to obstruction. Presumed rubber tyre.									

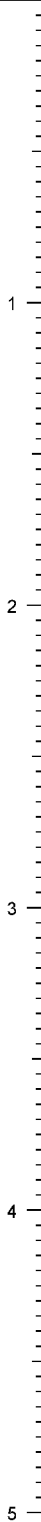
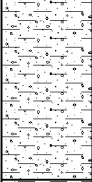
ARUN DISTRICT COUNCIL A/90/22/DOC

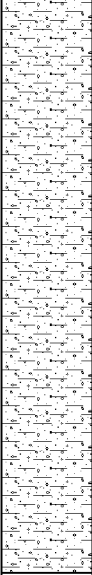
<h1>IDOM</h1>					<h2>Windowless Sample Log</h2>		Borehole No. MWS311 Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25
Location: Angmering						Level (m):		Logged By SJM
Equipment: Windowless Sampler Terrier Rig						Dates: 02/02/2021		Checked By RMH
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20 - 0.30	D,J		0.30			Dirt track overlying MADE GROUND comprising loose dark grey gravelly sandy clay. Gravels are medium angular flint and brick. Sands are coarse.
					0.60			Soft bluish grey mottled orangish brown very gravelly sandy CLAY. Gravels are coarse subrounded flint. Sands are coarse. [HEAD DEPOSITS]
		1.00	SPT(C)	N=7 (1,1/2,1,2,2)				Firm becoming stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]
		2.00	SPT(C)	N=10 (1,2/1,3,3,3)	2.30			End of Borehole at 2.30m
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample				SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions. Services checked and CAT cleared prior to drilling.		

ARUN DISTRICT COUNCIL A/90/22/DOC

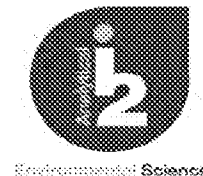
IDom						Windowless Sample Log		Borehole No. MWS313 Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25	
Location: Angmering						Level (m):		Logged By SJM	
Equipment: Windowless Sampler Terrier Rig						Dates: 02/02/2021		Checked By RMH	
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	D,J		0.30			Dirt track overlying MADE GROUND comprising soft dark greenish grey very gravelly sandy clay. Gravels are medium subrounded flint, metal and brick. Sands are coarse.	1
		1.00	SPT(C)	N=4 (0,1/1,1,1,1)				Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	
		2.00	SPT(C)	N=9 (1,1/2,2,2,3)					
					2.30			End of Borehole at 2.30m	2
									3
									4
									5
<div>D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample</div> <div>SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)</div>						<div>Remarks</div> <div>Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions.</div> <div>Services checked and CAT cleared prior to drilling.</div>			

						Windowless Sample Log		Borehole No. MWS314 Sheet 1 of 1		
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25		
Location: Angmering						Level (m):		Logged By SJM		
Equipment: Windowless Sampler Terrier Rig						Dates: 02/02/2021		Checked By RMH		
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
		Depth (m)	Type	Results						
		0.90 - 1.00	D,J SPT(C)	N=3 (1,1/1,1,0,1)	1.60			Grass overlying MADE GROUND comprising soft becoming firm brown gravelly sandy clay. Gravels are coarse angular brick, flint and chalk. Sands are coarse.	1	
		1.00								
		2.00	SPT(C)	N=6 (1,1/1,2,2,1)			2.10		Firm bluish grey mottled orangish brown very gravelly sandy CLAY. Gravels are coarse subrounded flint. Sands are coarse. [HEAD DEPOSITS]	2
3.00	SPT(C)	N=8 (1,0/2,1,2,3)	3.30		Stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	3				
End of Borehole at 3.30m								4		
								5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample						SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				
Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions. Services checked and CAT cleared prior to drilling.										

						Windowless Sample Log		Borehole No. MWS315 Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25	
Location: Angmering						Level (m):		Logged By SJM	
Equipment: Windowless Sampler Terrier Rig						Dates: 02/02/2021		Checked By RMH	
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10 - 0.20	D,J		0.10			TARMAC.	
					0.40			MADE GROUND comprising soft dark greenish grey gravelly clay with moderate hydrocarbon odour and occasional black staining. Gravels are medium angular flint.	
								Soft bluish grey mottled orangish brown very gravelly sandy CLAY. Gravels are coarse subrounded flint. Sands are coarse. [HEAD DEPOSITS]	
		1.00	SPT(C)	N=4 (1,0/1,1,1,1)	1.00			Firm becoming stiff bluish grey mottled orangish brown slightly sandy CLAY. Sands are fine. [LONDON CLAY FORMATION]	
		2.00	SPT(C)	N=8 (1,1/1,2,2,3)	2.30		End of Borehole at 2.30m		2
									3
									4
									5
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample						SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)			
						Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions. Services checked and CAT cleared prior to drilling.			

						Windowless Sample Log		Borehole No. MWS316 Sheet 1 of 1	
Project Name: Land North of Water Lane				Project No. 19495		Co-ords:		Scale 1:25	
Location: Angmering						Level (m):		Logged By SJM	
Equipment: Windowless Sampler Terrier Rig						Dates: 02/02/2021		Checked By RMH	
Well	Wtr Strk	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.20 - 0.30	D,J		0.10			TARMAC.	
					0.40			MADE GROUND comprising soft dark greenish grey gravelly clay with moderate hydrocarbon odour and occasional black staining. Gravels are medium angular flint.	
								Stiff bluish grey mottled orangish brown very gravelly sandy CLAY. Gravels are coarse subrounded flint. Sands are coarse. [HEAD DEPOSITS]	
		1.00	SPT(C)	N=9 (2,2/2,1,3,3)					
		2.00	SPT(C)	N=8 (1,1/1,2,2,3)	2.30			End of Borehole at 2.30m	
<div> <div> D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample </div> <div> SPT(C) = Standard Penetration Test (Cone) SPT(S) = Standard Penetration Test (Split Spoon) HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm) </div> </div>									
Remarks Coordinates and levels, where indicated, must not be used for design purposes. The designer is responsible for verifying all site and setting out dimensions. Services checked and CAT cleared prior to drilling.									

APPENDIX 4 ▪ Laboratory Analysis Certificates



Rory Horton
Merebrook
Cromford Mills
Mill Lane
Cromford
Derbyshire
DE4 3RQ

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts.

e: rhorton@idom.com

or reception@i2analytical.com

Analytical Report Number : 21-55474

Replaces Analytical Report Number: 21-55474, issue no. 1
Additional analysis undertaken.

Project / Site name:	Angmering	Samples received on:	05/02/2021
Your job number:	19495	Samples instructed on/ Analysis started on:	08/02/2021
Your order number:	21-2-FDO-LABS	Analysis completed by:	24/02/2021
Report Issue Number:	2	Report issued on:	24/02/2021
Samples Analysed:	2 bulk samples - 50 soil samples		

Signed:

Joanna Wawrzeczko
Technical Reviewer (Reporting Team)
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

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.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number				1762708	1762709	1762710	1762711	1762712
Sample Reference				MTP301	MTP303	MTP304	MTP305	MTP306
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.50	0.40	0.30	1.00
Date Sampled				01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
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	%	0.01	NONE	22	6.2	18	14	20
Total mass of sample received	kg	0.001	NONE	0.9	1.3	1.3	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.4	8.7	8.3	8.2	8.2
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Water Soluble SOP 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.028	0.16	0.17	0.014	0.063
Sulphide	mg/kg	1	MCERTS	6	500	23	23	< 1.0
Organic Matter	%	0.1	MCERTS	0.6	5.4	2.1	1.4	3.3

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	1.2	< 0.05	< 0.05	0.74
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	2.9	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.13	3.5	< 0.05	< 0.05	0.27
Fluorene	mg/kg	0.05	MCERTS	0.15	3.1	< 0.05	< 0.05	0.27
Phenanthrene	mg/kg	0.05	MCERTS	2.4	40	0.62	0.28	3.3
Anthracene	mg/kg	0.05	MCERTS	0.45	12	0.19	< 0.05	0.75
Fluoranthene	mg/kg	0.05	MCERTS	2.8	84	2.1	0.82	4.7
Pyrene	mg/kg	0.05	MCERTS	2.5	77	2	0.72	3.9
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.4	54	1.7	0.6	2.4
Chrysene	mg/kg	0.05	MCERTS	1.1	39	0.99	0.51	2
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	1.3	61	1.7	0.75	2.4
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.79	18	0.81	0.4	0.77
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.4	52	1.7	0.78	2.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.74	23	0.84	0.43	0.87
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	5.5	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.76	27	0.98	0.57	1

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	15.9	503	13.5	5.86	25.4
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	15	9.8	11	11	7.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.5	< 0.2	0.4	0.7
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	41	21	24	28	14
Copper (aqua regia extractable)	mg/kg	1	MCERTS	40	54	27	38	48
Lead (aqua regia extractable)	mg/kg	1	MCERTS	44	110	38	47	66
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	44	19	14	21	13
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	1.3	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	100	84	69	83	93

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number	1762708	1762709	1762710	1762711	1762712
Sample Reference	MTP301	MTP303	MTP304	MTP305	MTP306
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.40	0.50	0.40	0.30	1.00
Date Sampled	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		

Monocaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	17	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	110	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	130	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	18	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	19	260	15	12	22
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	25	530	22	21	23
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	43	810	37	33	45

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number	1762713	1762714	1762715	1762716	1762717
Sample Reference	MTP307	MTP308	MTP309	MTP310	MTP311
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.90	1.00	0.40	0.50	0.60
Date Sampled	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
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	%	0.01	NONE	14	15
Total mass of sample received	kg	0.001	NONE	1	0.9

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.2	8.5	9.8	8.1	8.9
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Water Soluble SOP 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.095	0.05	0.38	0.043	0.14
Sulphide	mg/kg	1	MCERTS	10	< 1.0	110	12	61
Organic Matter	%	0.1	MCERTS	2.4	3.3	3	2.8	2.7

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	6.6
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.21	< 0.05	0.28
Acenaphthene	mg/kg	0.05	MCERTS	0.31	< 0.05	0.38	< 0.05	3.8
Fluorene	mg/kg	0.05	MCERTS	0.24	< 0.05	0.49	< 0.05	3.1
Phenanthrene	mg/kg	0.05	MCERTS	2.5	0.86	2.5	0.23	11
Anthracene	mg/kg	0.05	MCERTS	0.55	0.25	0.65	< 0.05	2.4
Fluoranthene	mg/kg	0.05	MCERTS	3.6	2.6	4.7	0.25	9.3
Pyrene	mg/kg	0.05	MCERTS	3.2	2.4	4.3	0.21	8
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.9	1.8	3	< 0.05	4.3
Chrysene	mg/kg	0.05	MCERTS	1.3	1.3	1.8	< 0.05	2.7
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	1.8	2	2.9	< 0.05	4
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.92	0.8	1.8	< 0.05	1.2
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.7	1.8	2.9	< 0.05	3.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.88	0.97	1.5	< 0.05	1.5
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1	1.2	1.8	< 0.05	1.9

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	19.8	16	29	< 0.80	62.8
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	13	12	11	7.4	9.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	25	25	25	28	25
Copper (aqua regia extractable)	mg/kg	1	MCERTS	35	31	26	15	32
Lead (aqua regia extractable)	mg/kg	1	MCERTS	53	60	35	19	55
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	26	21	18	12	20
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	93	140	69	40	110

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number				1762713	1762714	1762715	1762716	1762717
Sample Reference				MTP307	MTP308	MTP309	MTP310	MTP311
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.90	1.00	0.40	0.50	0.60
Date Sampled				01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monocaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	4.4	< 2.0	9.9
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	17	< 8.0	26
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	220	< 8.0	260
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	240	< 10	300

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	13
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	12
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	18	18	24	< 10	43
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	23	21	140	< 10	180
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	41	39	170	< 10	250

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number	1762718	1762719	1762720	1762721	1762722
Sample Reference	MTP312	MTP314	MTP315	MTP316	MTP316
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.20	1.00	0.60	0.80	2.30
Date Sampled	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
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	%	0.01	NONE	19	15
Total mass of sample received	kg	0.001	NONE	1.2	1.1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	8.4	8.4	8.3	8.2
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Water Soluble SOP 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.11	0.032	0.14	0.034	0.085
Sulphide	mg/kg	1	MCERTS	22	1.1	19	< 1.0	6.8
Organic Matter	%	0.1	MCERTS	3.9	2.7	3.4	3.6	2.2

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.62	< 0.05	< 0.05	0.3	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.22	< 0.05	0.2	1.2	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	1.1	< 0.05	< 0.05	1.2	< 0.05
Fluorene	mg/kg	0.05	MCERTS	0.95	< 0.05	< 0.05	1.1	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	5	1.4	1.2	17	0.17
Anthracene	mg/kg	0.05	MCERTS	1.6	0.4	0.32	3.6	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	12	3.3	4.9	45	0.33
Pyrene	mg/kg	0.05	MCERTS	11	3	5.4	41	0.31
Benzo(a)anthracene	mg/kg	0.05	MCERTS	6.5	1.8	3.2	27	0.21
Chrysene	mg/kg	0.05	MCERTS	5.6	1.5	2.5	20	0.21
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	8.3	2.2	3.7	33	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	2.2	0.93	1.6	11	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	7.5	1.9	3.5	28	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	3.2	1.1	1.8	13	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.75	< 0.05	< 0.05	2.9	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	3.8	1.3	2.4	15	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	70.4	18.9	30.7	261	1.23
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	11	10	9.8	11	11
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	0.5	1	< 0.2
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	23	21	24	22	25
Copper (aqua regia extractable)	mg/kg	1	MCERTS	25	36	39	32	31
Lead (aqua regia extractable)	mg/kg	1	MCERTS	33	65	140	120	25
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	0.7	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	12	16	18	21	21
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	55	89	110	140	98

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number				1762718	1762719	1762720	1762721	1762722
Sample Reference				MTP312	MTP314	MTP315	MTP316	MTP316
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.20	1.00	0.60	0.80	2.30
Date Sampled				01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monocaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	4.2	< 2.0	11	7.5	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	15	< 8.0	17	16	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	170	< 8.0	68	73	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	190	< 10	96	96	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	12	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	15	< 2.0	< 2.0	53	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	49	20	22	150	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	160	32	56	270	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	230	52	78	470	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number	1762723	1762724	1762725	1762726	1762727
Sample Reference	MTP317	MTP318	MTP319	MTP320	MTP322
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.30	0.50	0.10	0.50	1.20
Date Sampled	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
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	%	0.01	NONE	12	13
Total mass of sample received	kg	0.001	NONE	0.9	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.4	9.5	9.3	8.3	8.3
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Water Soluble SOP 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.3	0.65	0.15	0.028	0.043
Sulphide	mg/kg	1	MCERTS	370	360	220	12	6.9
Organic Matter	%	0.1	MCERTS	5.6	7.5	7.5	2.2	2.5

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.75	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.59	0.68	1.1	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.97	4.4	1	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	1	4.8	1.3	0.2	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	8.3	30	7.8	0.89	0.54
Anthracene	mg/kg	0.05	MCERTS	2.5	8.2	2.9	0.28	0.2
Fluoranthene	mg/kg	0.05	MCERTS	18	53	26	1.4	2.5
Pyrene	mg/kg	0.05	MCERTS	17	46	25	1.4	2.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	12	23	14	0.9	1.4
Chrysene	mg/kg	0.05	MCERTS	10	20	12	0.82	1.2
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	20	27	18	1.2	1.9
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	7.7	6.5	9.5	0.63	0.56
Benzo(a)pyrene	mg/kg	0.05	MCERTS	16	21	16	1	1.3
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	7.5	10	8.1	0.67	0.71
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	1.9	2.3	2	0.21	0.22
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	8.4	11	9.5	0.67	0.8

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	131	268	154	10.3	13.6
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	9	9.1	11	12	9.6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.8	0.6	0.7	0.5	0.6
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	32	30	71	24	16
Copper (aqua regia extractable)	mg/kg	1	MCERTS	160	58	110	38	25
Lead (aqua regia extractable)	mg/kg	1	MCERTS	74	62	80	84	95
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	0.4	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	24	16	22	22	14
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	140	120	380	110	92

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number				1762723	1762724	1762725	1762726	1762727
Sample Reference				MTP317	MTP318	MTP319	MTP320	MTP322
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.50	0.10	0.50	1.20
Date Sampled				01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monocaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	3.5	4.1	5.1	< 1.0	12
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	13	19	48	< 2.0	34
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	81	71	320	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	1300	1000	3900	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	1400	1100	4300	< 10	46

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	10	20	26	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	82	170	260	18	15
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	320	310	970	39	32
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	410	500	1300	57	47

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number				1762728	1762729	1762730	1762731	1762732
Sample Reference				MTP324	MTP325	MTP327	MTP329	MTP330
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.50	1.00	0.30	0.60
Date Sampled				01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
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	%	0.01	NONE	15	16	15	13	18
Total mass of sample received	kg	0.001	NONE	1.1	1	1	1	0.9

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	Chrysotile	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Detected	-
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	0.027	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	0.027	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.5	8.3	8.1	8.4	8.3
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Water Soluble SOP 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.031	0.088	0.027	0.048	0.082
Sulphide	mg/kg	1	MCERTS	24	39	7.3	5.7	< 1.0
Organic Matter	%	0.1	MCERTS	1.2	4.8	2.9	3.2	1.2

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.23	0.29	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	0.27	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	3.3	2.4	0.99	0.7	0.35
Anthracene	mg/kg	0.05	MCERTS	0.82	0.62	0.22	0.2	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	6.7	7.5	2.4	1.7	0.88
Pyrene	mg/kg	0.05	MCERTS	5.7	7.6	3.2	1.3	0.81
Benzo(a)anthracene	mg/kg	0.05	MCERTS	3.2	5.1	1.3	1.2	0.35
Chrysene	mg/kg	0.05	MCERTS	2.7	3.7	1.3	1.2	0.32
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	3.7	6.4	2	1.8	0.58
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	1.1	1.5	0.51	0.69	0.17
Benzo(a)pyrene	mg/kg	0.05	MCERTS	2.5	4.4	1.2	1.2	0.34
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	1.8	7.2	0.64	0.95	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.24	1.8	0.22	0.2	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.4	6.7	0.64	0.77	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	33.5	55.1	14.6	11.8	3.8
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	12	13	11	13	14
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.8	0.8	0.5	< 0.2	1.5
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	25	25	19	29	33
Copper (aqua regia extractable)	mg/kg	1	MCERTS	38	40	43	37	36
Lead (aqua regia extractable)	mg/kg	1	MCERTS	150	100	120	77	30
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	21	31	17	25	37
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	160	110	140	120	88

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number				1762728	1762729	1762730	1762731	1762732
Sample Reference				MTP324	MTP325	MTP327	MTP329	MTP330
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.00	0.50	1.00	0.30	0.60
Date Sampled				01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monocaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	23	24	15	14	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	22	68	25	24	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	44	92	40	38	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number	1762733	1762734	1762735	1762736	1762737
Sample Reference	MTP331	MTP332	MTP333	MTP334	MTP335
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	2.00	2.70	1.40	0.90	0.20
Date Sampled	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
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	%	0.01	NONE	13	15
Total mass of sample received	kg	0.001	NONE	1	1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.3	7.9	7.6	8.4	8.6
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Water Soluble SOP 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.31	0.38	0.13	0.038	0.15
Sulphide	mg/kg	1	MCERTS	53	130	100	27	520
Organic Matter	%	0.1	MCERTS	3.7	3.7	4.3	2	7.8

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.71	< 0.05	< 0.05	1.3
Acenaphthylene	mg/kg	0.05	MCERTS	0.43	< 0.05	0.25	0.26	2.2
Acenaphthene	mg/kg	0.05	MCERTS	7.5	< 0.05	0.28	0.92	3.5
Fluorene	mg/kg	0.05	MCERTS	7.2	1.6	0.38	0.97	4.2
Phenanthrene	mg/kg	0.05	MCERTS	35	3.8	2.7	6.8	37
Anthracene	mg/kg	0.05	MCERTS	7.6	0.35	0.9	2.2	9.2
Fluoranthene	mg/kg	0.05	MCERTS	27	2.9	8.8	16	56
Pyrene	mg/kg	0.05	MCERTS	42	3	8.3	14	52
Benzo(a)anthracene	mg/kg	0.05	MCERTS	27	1.2	5.6	7	29
Chrysene	mg/kg	0.05	MCERTS	19	1.2	4.3	5.8	25
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	9.2	1.9	15	8.8	52
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	3.4	0.78	7.3	1.9	13
Benzo(a)pyrene	mg/kg	0.05	MCERTS	5.3	1.8	9.8	5.3	32
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	9.4	0.67	2.3	4	26
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	3.8	< 0.05	0.65	1	7
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	8.8	0.67	1.6	3.3	26

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	214	20.5	68	78.2	375
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	10	12	11	11	8.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.6	< 0.2	< 0.2	0.3
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	21	27	19	26	41
Copper (aqua regia extractable)	mg/kg	1	MCERTS	94	38	43	35	42
Lead (aqua regia extractable)	mg/kg	1	MCERTS	95	77	100	440	67
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	15	19	14	18	16
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	130	300	120	92	140

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number				1762733	1762734	1762735	1762736	1762737
Sample Reference				MTP331	MTP332	MTP333	MTP334	MTP335
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				2.00	2.70	1.40	0.90	0.20
Date Sampled				01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monocaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	19	< 1.0	< 1.0	14
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	6.3	350	< 2.0	< 2.0	82
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	19	810	< 8.0	9.3	210
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	53	19	< 8.0	67	1500
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	79	1200	< 10	76	1800

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	7.3	< 1.0	< 1.0	8.2
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	32	110	< 2.0	19	45
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	120	230	34	51	340
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	110	130	77	78	680
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	270	480	110	150	1100

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number	1762738	1762739	1762740	1762741	1762742
Sample Reference	MTP336	MTP337	MTP338	MTP340	MTP341
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.70	0.0	0.50	0.20	0.10
Date Sampled	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
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	%	0.01	NONE	11	13
Total mass of sample received	kg	0.001	NONE	1.1	1.2

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	9	9.4	8.2	8.4	10
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Water Soluble SOP 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.95	0.22	0.34	0.056	0.044
Sulphide	mg/kg	1	MCERTS	940	2.7	190	10	440
Organic Matter	%	0.1	MCERTS	6.1	2.9	4.7	2.3	5.7

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	6.7	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	4.8	< 0.05	< 0.05	< 0.05	0.8
Acenaphthene	mg/kg	0.05	MCERTS	21	< 0.05	< 0.05	< 0.05	0.83
Fluorene	mg/kg	0.05	MCERTS	24	< 0.05	< 0.05	< 0.05	0.96
Phenanthrene	mg/kg	0.05	MCERTS	140	0.99	0.58	1.3	8.4
Anthracene	mg/kg	0.05	MCERTS	46	0.29	0.21	0.35	2.7
Fluoranthene	mg/kg	0.05	MCERTS	260	3.2	1.8	3.5	23
Pyrene	mg/kg	0.05	MCERTS	210	2.8	1.9	3	24
Benzo(a)anthracene	mg/kg	0.05	MCERTS	100	1.7	1.1	1.8	13
Chrysene	mg/kg	0.05	MCERTS	82	1.2	1	1.8	9.9
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	95	2.3	1.7	2.9	18
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	53	0.8	0.53	0.61	7.4
Benzo(a)pyrene	mg/kg	0.05	MCERTS	89	1.5	1.1	2.1	14
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	43	0.87	0.81	2.6	8.7
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	9.3	< 0.05	< 0.05	0.84	2.4
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	47	0.87	0.83	2.7	8.3

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	1240	16.5	11.5	23.5	142
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	13	13	11	11	7.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	54	21	17	24	40
Copper (aqua regia extractable)	mg/kg	1	MCERTS	54	25	27	33	38
Lead (aqua regia extractable)	mg/kg	1	MCERTS	120	100	49	170	41
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	20	16	14	17	17
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	190	110	120	95	78

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number				1762738	1762739	1762740	1762741	1762742
Sample Reference				MTP336	MTP337	MTP338	MTP340	MTP341
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.70	0.0	0.50	0.20	0.10
Date Sampled				01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monocaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	20	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	32	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	68	< 8.0	< 8.0	< 8.0	10
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	510	< 8.0	< 8.0	< 8.0	140
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	630	< 10	< 10	< 10	150

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	15	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	120	< 2.0	< 2.0	< 2.0	8.3
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	940	23	18	19	73
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	1200	55	93	43	420
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	2300	78	110	62	500

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number	1762743	1762744	1762745	1762746	1762747
Sample Reference	MTP342	MTP343	MWS301	MWS302	MWS303
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.20	0.30	0.60-0.80	0.10-0.30	0.50-0.60
Date Sampled	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
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	%	0.01	NONE	11	13
Total mass of sample received	kg	0.001	NONE	1.2	0.8
				1.2	1.1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	9.1	7.6	8.7	8.4	8.2
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Water Soluble SOP 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.076	0.096	0.026	0.014	0.038
Sulphide	mg/kg	1	MCERTS	430	26	10	< 1.0	6
Organic Matter	%	0.1	MCERTS	4.1	4.5	1.7	2.7	3.3

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.31	< 0.05	0.62	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.28	< 0.05	1.5	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	0.23	< 0.05	1.8	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	2.9	0.39	34	0.31	0.8
Anthracene	mg/kg	0.05	MCERTS	0.82	< 0.05	9.2	< 0.05	0.23
Fluoranthene	mg/kg	0.05	MCERTS	7.8	0.83	46	0.87	2.2
Pyrene	mg/kg	0.05	MCERTS	7.1	0.82	40	0.85	2.1
Benzo(a)anthracene	mg/kg	0.05	MCERTS	5.9	0.54	23	0.55	1.4
Chrysene	mg/kg	0.05	MCERTS	3.4	0.34	16	0.4	0.83
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	7.9	0.69	22	0.66	1.4
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	3.4	0.29	8	0.21	0.53
Benzo(a)pyrene	mg/kg	0.05	MCERTS	6.7	0.65	21	0.54	1.2
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	3.9	0.33	9.2	0.29	0.59
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.92	< 0.05	2.3	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	4.8	0.42	10	0.33	0.68

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	56.3	5.3	245	5.01	11.9
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.2	12	12	11	7.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.4	< 0.2	0.7	< 0.2	0.8
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	21	25	22	24	21
Copper (aqua regia extractable)	mg/kg	1	MCERTS	34	20	49	25	27
Lead (aqua regia extractable)	mg/kg	1	MCERTS	36	29	220	35	34
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	13	11	20	17	11
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	1.1	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	99	47	160	68	48

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number				1762743	1762744	1762745	1762746	1762747
Sample Reference				MTP342	MTP343	MWS301	MWS302	MWS303
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.30	0.60-0.80	0.10-0.30	0.50-0.60
Date Sampled				01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monocaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	120	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	120	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	2.5	< 2.0	24	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	37	< 10	130	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	230	< 10	110	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	270	< 10	260	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number	1762748	1762749	1762750	1762751	1762752
Sample Reference	MWS304	MWS305	MWS306	MWS308	MWS309
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.90-1.00	0.20-0.30	0.30-0.40	0.20-0.30	0.80-0.90
Date Sampled	01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
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	%	0.01	NONE	13	16
Total mass of sample received	kg	0.001	NONE	1.2	0.9
				1.5	1.1
				1.1	1.1

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.4	8.3	8.3	8.5	8.3
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Water Soluble SOP 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.25	0.0095	0.028	0.075	0.11
Sulphide	mg/kg	1	MCERTS	700	4.1	95	52	75
Organic Matter	%	0.1	MCERTS	3.2	2.2	3.9	1.2	5.5

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.22	< 0.05	0.63	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.17	< 0.05	4.7	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	0.17	< 0.05	5.7	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	1.5	0.18	30	0.72	2.3
Anthracene	mg/kg	0.05	MCERTS	0.36	< 0.05	9.5	0.15	0.49
Fluoranthene	mg/kg	0.05	MCERTS	4.2	0.38	40	1.6	8.9
Pyrene	mg/kg	0.05	MCERTS	3.9	0.39	33	1.5	8.6
Benzo(a)anthracene	mg/kg	0.05	MCERTS	3.1	0.24	22	0.81	4.1
Chrysene	mg/kg	0.05	MCERTS	2.2	0.2	11	0.7	2.4
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	5	< 0.05	19	0.95	1.9
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	1.2	< 0.05	4.7	0.43	0.82
Benzo(a)pyrene	mg/kg	0.05	MCERTS	3.8	< 0.05	16	0.96	1.2
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	2.2	< 0.05	6.3	0.46	2.1
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.56	< 0.05	1.6	< 0.05	0.31
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	2.7	< 0.05	6.7	0.53	1.9

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	31.3	1.39	211	8.72	35.1
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	10	10	9.7	12	9.6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	0.4	< 0.2	0.5
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	33	23	26	24	25
Copper (aqua regia extractable)	mg/kg	1	MCERTS	49	21	52	38	31
Lead (aqua regia extractable)	mg/kg	1	MCERTS	19	29	56	45	42
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	18	13	19	23	18
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	2.1	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	94	55	98	110	150

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number				1762748	1762749	1762750	1762751	1762752
Sample Reference				MWS304	MWS305	MWS306	MWS308	MWS309
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.90-1.00	0.20-0.30	0.30-0.40	0.20-0.30	0.80-0.90
Date Sampled				01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monocaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	1.3	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	9.8	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	20	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	61	< 8.0	160	< 8.0	47
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	70	< 10	190	< 10	49

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	1.7	< 1.0	1.8	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	31	< 2.0	24	< 2.0	5.2
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	220	< 10	110	12	24
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	220	< 10	110	13	150
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	470	< 10	250	24	180

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number				1762753	1762754	1762755	1762756	1762757
Sample Reference				MWS310A	MWS312	MWS314	MWS315	MWS316
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.70-1.80	0.10-0.20	0.90-1.00	0.10-0.20	0.20-0.30
Date Sampled				01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
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	%	0.01	NONE	24	17	17	18	16
Total mass of sample received	kg	0.001	NONE	1	1.3	1.3	1.3	1.2

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	Amosite	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	< 0.001	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	< 0.001	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.5	8	8.4	8	7.7
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Water Soluble SOP 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.14	0.031	0.045	0.093	0.15
Sulphide	mg/kg	1	MCERTS	83	17	44	31	21
Organic Matter	%	0.1	MCERTS	1.5	3.1	1.7	6.7	4

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	3.3	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.36	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.16	< 0.05	< 0.05	3	0.15
Fluorene	mg/kg	0.05	MCERTS	0.13	< 0.05	< 0.05	3.2	0.13
Phenanthrene	mg/kg	0.05	MCERTS	0.71	0.14	1.3	16	0.58
Anthracene	mg/kg	0.05	MCERTS	0.29	< 0.05	0.44	4.1	0.17
Fluoranthene	mg/kg	0.05	MCERTS	3.2	0.25	3.4	19	0.78
Pyrene	mg/kg	0.05	MCERTS	3.1	0.26	3.2	18	0.97
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.9	< 0.05	2.2	9.4	0.5
Chrysene	mg/kg	0.05	MCERTS	1.5	< 0.05	1.6	5.9	0.39
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	2.4	< 0.05	2.7	9.7	0.51
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	1.1	< 0.05	0.8	3.8	0.21
Benzo(a)pyrene	mg/kg	0.05	MCERTS	2.5	< 0.05	2.4	9.6	0.57
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	1.2	< 0.05	1.1	4	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.24	< 0.05	< 0.05	0.67	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.3	< 0.05	1.3	4.6	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	19.7	< 0.80	20.4	114	4.96
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	13	11	11	9.8	9.6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	0.4	0.3
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	36	30	16	26	26
Copper (aqua regia extractable)	mg/kg	1	MCERTS	32	21	28	15	22
Lead (aqua regia extractable)	mg/kg	1	MCERTS	27	24	120	52	36
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	34	12	14	14	15
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	83	46	110	70	49

Analytical Report Number: 21-55474
Project / Site name: Angmering
Your Order No: 21-2-FDO-LABS

Lab Sample Number				1762753	1762754	1762755	1762756	1762757
Sample Reference				MWS310A	MWS312	MWS314	MWS315	MWS316
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.70-1.80	0.10-0.20	0.90-1.00	0.10-0.20	0.20-0.30
Date Sampled				01/02/2021	01/02/2021	01/02/2021	01/02/2021	01/02/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monocaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	4.5	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	8.5	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	18	< 8.0	< 8.0	41	70
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	31	< 10	< 10	46	76

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	7.1	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	18	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	20	< 10	14	52	15
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	80	< 10	28	72	63
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	100	< 10	44	150	78

U/S = Unsuitable Sample I/S = Insufficient Sample



Analytical Report Number: **21-55474**
Project / Site name: **Angmering**
Your Order No: **21-2-FDO-LABS**

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

The analysis was carried out using our documented in-house method A006-PL based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

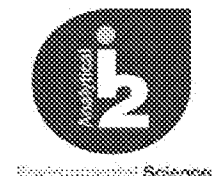
The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample
1762731	MTP329	0.30	129	Loose Fibres & Loose Fibrous Debris	Chrysotile	0.027	0.027
1762756	MWS315	0.10-0.20	130	Loose Fibres	Amosite	< 0.001	< 0.001

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.



Analytical Report Number: 21-55474
Project / Site name: Angmering

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Lab Sample Number				1762758	1762759
Sample Reference				MTP 301 Suspected Asbestos	MTP 308 Suspected Asbestos
Sample Number				None Supplied	None Supplied
Depth (m)				0.40	0.40
Date Sampled				01/02/2021	01/02/2021
Time Taken				None Supplied	None Supplied
Analytical Parameter (Bulk Analysis)				Units	Limit of detection
				Accreditation	Scope
Asbestos Identification				Type	N/A
				ISO 17025	Chrysotile-Hard/Cement Type Material
					Chrysotile-Hard/Cement Type Material

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number : 21-55474
Project / Site name: Angmering

* 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 loam (MCERTS) 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 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
1762708	MTP301	None Supplied	0.4	Brown clay with gravel and vegetation.
1762709	MTP303	None Supplied	0.5	Brown loam and sand with rubble and vegetation.
1762710	MTP304	None Supplied	0.4	Brown clay and loam with gravel and vegetation.
1762711	MTP305	None Supplied	0.3	Brown clay and sand with gravel and vegetation.
1762712	MTP306	None Supplied	1	Brown clay and sand with gravel and chalk.
1762713	MTP307	None Supplied	0.9	Brown clay and loam with gravel and vegetation.
1762714	MTP308	None Supplied	1	Brown clay and loam with gravel and vegetation.
1762715	MTP309	None Supplied	0.4	Brown loam and sand with gravel and vegetation.
1762716	MTP310	None Supplied	0.5	Brown clay and sand with gravel.
1762717	MTP311	None Supplied	0.6	Brown clay and sand with gravel.
1762718	MTP312	None Supplied	1.2	Brown clay and sand with gravel.
1762719	MTP314	None Supplied	1	Brown clay and loam with gravel and vegetation.
1762720	MTP315	None Supplied	0.6	Brown clay and loam with gravel and vegetation.
1762721	MTP316	None Supplied	0.8	Brown clay and loam with gravel.
1762722	MTP316	None Supplied	2.3	Brown clay and sand with gravel and vegetation.
1762723	MTP317	None Supplied	0.3	Brown loam and clay with gravel and vegetation.
1762724	MTP318	None Supplied	0.5	Brown loam and clay with gravel and vegetation.
1762725	MTP319	None Supplied	0.1	Brown clay and loam with gravel.
1762726	MTP320	None Supplied	0.5	Brown sandy clay with gravel and vegetation.
1762727	MTP322	None Supplied	1.2	Brown sandy clay with gravel.
1762728	MTP324	None Supplied	1	Brown sandy clay with gravel.
1762729	MTP325	None Supplied	0.5	Brown sandy clay with gravel and vegetation.
1762730	MTP327	None Supplied	1	Brown sandy clay with gravel and vegetation.
1762731	MTP329	None Supplied	0.3	Brown sandy clay with gravel and vegetation.
1762732	MTP330	None Supplied	0.6	Brown sandy clay with gravel.
1762733	MTP331	None Supplied	2	Brown sandy clay with gravel.
1762734	MTP332	None Supplied	2.7	Brown sandy clay with gravel and vegetation.
1762735	MTP333	None Supplied	1.4	Brown loam and clay with gravel and vegetation.
1762736	MTP334	None Supplied	0.9	Brown sandy clay with gravel and vegetation.
1762737	MTP335	None Supplied	0.2	Brown sandy clay with gravel and vegetation.
1762738	MTP336	None Supplied	0.7	Brown loam and clay with gravel.
1762739	MTP337	None Supplied	0	Brown loam and clay with gravel and vegetation.
1762740	MTP338	None Supplied	0.5	Brown loam and clay with gravel and brick.
1762741	MTP340	None Supplied	0.2	Brown loam and clay with gravel and vegetation.
1762742	MTP341	None Supplied	0.1	Brown sandy clay with gravel.
1762743	MTP342	None Supplied	0.2	Brown sandy clay with gravel and vegetation.
1762744	MTP343	None Supplied	0.3	Brown clay and sand with gravel.
1762745	MWS301	None Supplied	0.60-0.80	Brown sandy clay with gravel.
1762746	MWS302	None Supplied	0.10-0.30	Brown sandy clay with gravel and vegetation.
1762747	MWS303	None Supplied	0.50-0.60	Brown sandy clay with gravel and vegetation.
1762748	MWS304	None Supplied	0.90-1.00	Brown clay and sand with vegetation.
1762749	MWS305	None Supplied	0.20-0.30	Brown sandy clay with gravel and vegetation.
1762750	MWS306	None Supplied	0.30-0.40	Brown sandy clay with gravel and vegetation.
1762751	MWS308	None Supplied	0.20-0.30	Brown sandy clay with gravel.
1762752	MWS309	None Supplied	0.80-0.90	Brown sandy clay with gravel and vegetation.
1762753	MWS310A	None Supplied	1.70-1.80	Brown clay with gravel and vegetation.
1762754	MWS312	None Supplied	0.10-0.20	Brown clay and sand with gravel.
1762755	MWS314	None Supplied	0.90-1.00	Brown clay and loam with gravel.
1762756	MWS315	None Supplied	0.10-0.20	Brown clay with gravel.
1762757	MWS316	None Supplied	0.20-0.30	Brown clay with gravel.

Analytical Report Number : 21-55474
Project / Site name: Angmering

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
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in Bults	Asbestos Identification in bulk material with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	W	ISO 17025
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
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-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
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Sulphide in soil	Determination of sulphide in soil by acidification and heating to liberate hydrogen sulphide, trapped in an alkaline solution then assayed by ion selective electrode.	In-house method	L010-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references.	HSE Report No: 83/1996, HSG 248, HSG 264 & SCA Blue Book (draft).	A006-PL	D	ISO 17025

Analytical Report Number : 21-55474
Project / Site name: Angmering

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
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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.

IDOM

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