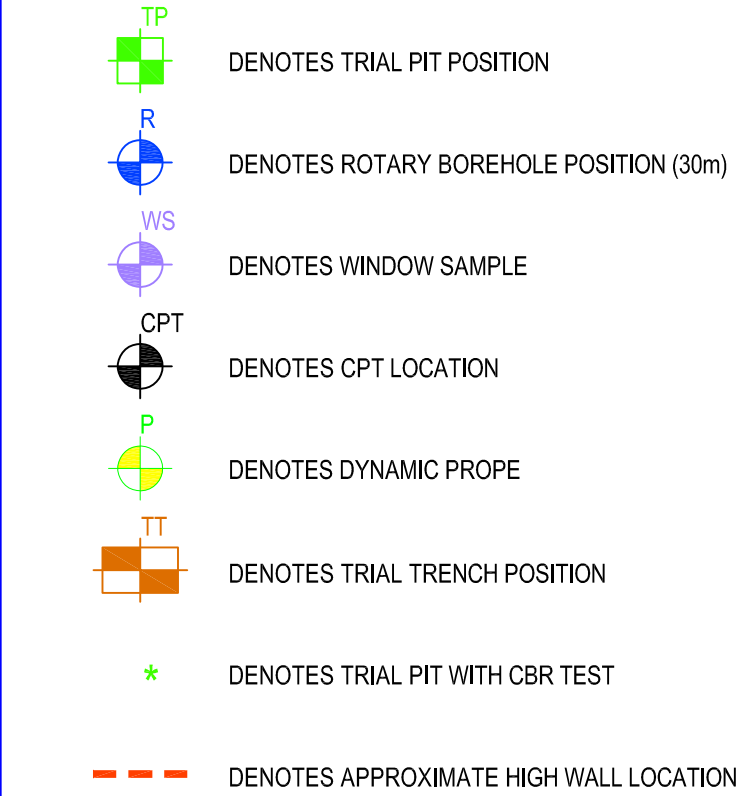


Appendix A Drawings

Curtins Exploratory Hole Location Plan 078794-CUR-00-XX-DR-GE-001

Proposed site plan 7200-SMR-30-XX-DR-A-8005-S3-P1 PROPOSED SITE PLAN

SYMAS Report Rockingham Opencast Site Plan



P01	ISSUED FOR INFORMATION	15/06/21	NG	CB
Rev.	Description:	Date:	By:	Chkd:



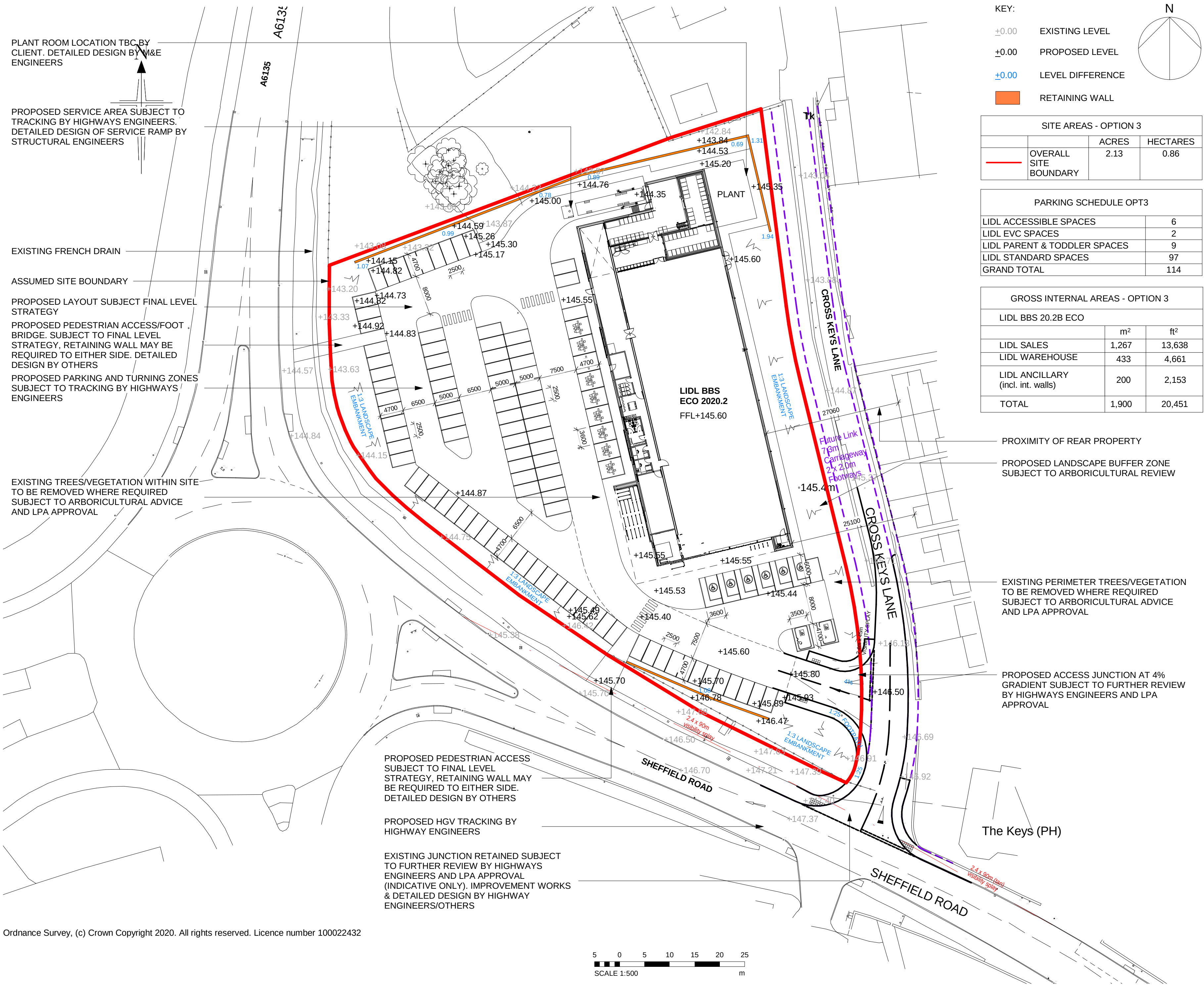
Status: PRELIMINARY

Project: **LIDL CROSS KEYS LANE**

EXPLORATORY HOLE LOCATION PLAN

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	21/12/21	N. GILL	E. SCHOLES	E. SCHOLES

078794 - CUR - 00 - XX - DR -GE- 001 - P02



PLANT ROOM LOCATION TBC BY CLIENT. DETAILED DESIGN BY M&E ENGINEERS

PROPOSED SERVICE AREA SUBJECT TO TRACKING BY HIGHWAYS ENGINEERS. DETAILED DESIGN OF SERVICE RAMP BY STRUCTURAL ENGINEERS

EXISTING FRENCH DRAIN

ASSUMED SITE BOUNDARY

PROPOSED LAYOUT SUBJECT FINAL LEVEL STRATEGY

PROPOSED PEDESTRIAN ACCESS/FOOT BRIDGE. SUBJECT TO FINAL LEVEL STRATEGY, RETAINING WALL MAY BE REQUIRED TO EITHER SIDE. DETAILED DESIGN BY OTHERS

PROPOSED PARKING AND TURNING ZONES SUBJECT TO TRACKING BY HIGHWAYS ENGINEERS

EXISTING TREES/VEGETATION WITHIN SITE TO BE REMOVED WHERE REQUIRED SUBJECT TO ARBORICULTURAL ADVICE AND LPA APPROVAL

PROPOSED PEDESTRIAN ACCESS SUBJECT TO FINAL LEVEL STRATEGY, RETAINING WALL MAY BE REQUIRED TO EITHER SIDE. DETAILED DESIGN BY OTHERS

PROPOSED HGV TRACKING BY HIGHWAY ENGINEERS

EXISTING JUNCTION RETAINED SUBJECT TO FURTHER REVIEW BY HIGHWAYS ENGINEERS AND LPA APPROVAL (INDICATIVE ONLY). IMPROVEMENT WORKS & DETAILED DESIGN BY HIGHWAY ENGINEERS/OTHERS

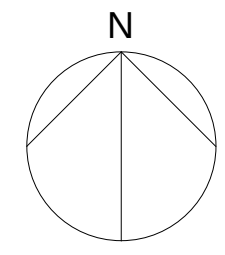
KEY:

+0.00 EXISTING LEVEL

+0.00 PROPOSED LEVEL

+0.00 LEVEL DIFFERENCE

RETAINING WALL



SITE AREAS - OPTION 3			
		ACRES	HECTARES
OVERALL SITE BOUNDARY		2.13	0.86

PARKING SCHEDULE OPT3	
LIDL ACCESSIBLE SPACES	6
LIDL EVC SPACES	2
LIDL PARENT & TODDLER SPACES	9
LIDL STANDARD SPACES	97
GRAND TOTAL	114

GROSS INTERNAL AREAS - OPTION 3		
LIDL BBS 20.2B ECO		
	m²	ft²
LIDL SALES	1,267	13,638
LIDL WAREHOUSE	433	4,661
LIDL ANCILLARY (incl. int. walls)	200	2,153
TOTAL	1,900	20,451

PROXIMITY OF REAR PROPERTY

PROPOSED LANDSCAPE BUFFER ZONE SUBJECT TO ARBORICULTURAL REVIEW

EXISTING PERIMETER TREES/VEGETATION TO BE REMOVED WHERE REQUIRED SUBJECT TO ARBORICULTURAL ADVICE AND LPA APPROVAL

PROPOSED ACCESS JUNCTION AT 4% GRADIENT SUBJECT TO FURTHER REVIEW BY HIGHWAYS ENGINEERS AND LPA APPROVAL

Do not scale this drawing. Architects are to be notified of any discrepancies. Contractors must check all dimensions on site. This drawing is subject to copyright laws and is for use on this project only. This drawing is to be used solely for the information as titled only. For other information refer to the latest revision of any cross referenced drawings. To be read in conjunction with relevant design standards/protocols

This is a colour drawing. In order to ensure any subsequent reproduction is viewed correctly it should be printed in full colour.

FEASIBILITY CHECKLIST	
☒	Initial Client Brief
☒	Ordinance Survey Map
☐	Legal Input to include Title Information
☒	Topographical Information Incorporation
☐	Client Review
☒	Highways Input / Review
☐	Structural Input / Review
☐	Landscape Design Input / Review
☐	Existing Statutory Services / Utilities Review
☐	Planning Consultant Guidance / Input
☐	Cost Management Advice - Budget Determined

P1	First issue	01.03.21	DM	JM
Rev	Description	Date	Dm	Ckd

Status
SKETCH - NOT FOR CONSTRUCTION

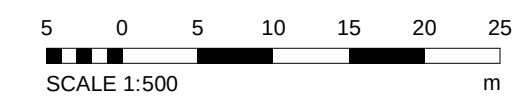
SMALLEY MARSEY RISPIN

Floor 2 The Exchange Station Parade Harrogate HG1 1TS
01423 707 757 admin@smrarchitects.co.uk

Project
HOYLAND, CROSS KEYS LANE

Client

Drawing Title									
PROPOSED SITE PLAN - OPTION 3									
Proj Ref	Origin	Zone	Level	Type	Role	Num	Status	Rev	
---	7200	- SMR	- 30	- XX	- DR	- A	- 8005	- S3	- P1
SMR Job Ref		Sheet	Scale	Drawn					
7200-30-8005		A2	As indicated	DM					



Appendix B Exploratory Hole Logs

Window Sample Logs WS101 – WS107, WS201 – WS204

Trial Pit Logs TP101 - TP110

Trial Trench Cross Section TT101 -TT103, TT104 – TT107



Rotary Core Log

Borehole No.

R102

Sheet 1 of 3

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435236.00 - 400453.00

Hole Type
RO

Location: Barnsley

Level:

Scale
1:50

Client: Lidl GB

Dates: 18/05/2021 - 19/05/2021

Logged By
CB

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							0.30			MADE GROUND: Brown sandy CLAY TOPSOIL. Sand is Medium. Brown gravelly CLAY. Gravel is coarse of mudstone.	1
							1.60			Grey MUDSTONE.	2
											3
											4
											5
											6
											7
											8
							8.40			Black COAL.	9
							8.70			Grey SANDSTONE.	10

Continued on next sheet

Remarks

Open hole drilling.





Rotary Core Log

Borehole No.

R101

Sheet 1 of 3

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435223.00 - 435223.00

Hole Type
RO

Location: Barnsley

Level:

Scale
1:50

Client: Lidl GB

Dates: 17/05/2021 - 18/05/2021

Logged By
CB

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							0.50			Brown slightly gravelly CLAY.	1
										Light brown slightly gravelly CLAY. Gravel is fine to coarse of MUDSTONE.	
		1.70								Yellow sandstone.	2
											3
							3.40			Grey MUDSTONE wth small bands of SANDSTONE.	4
											5
											6
											7
											8
											9
											10

Continued on next sheet

Remarks

Open hole drilling.





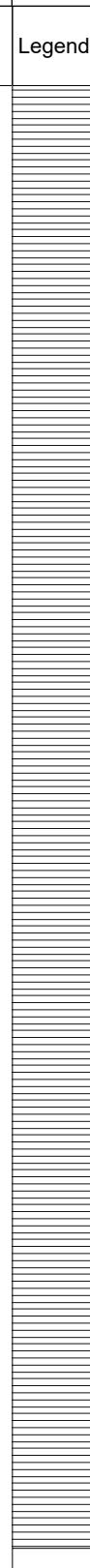
Rotary Core Log

Borehole No.

R101

Sheet 2 of 3

Project Name:	Lidl Cross Keys Lane, Hoyland	Project No.	078794	Co-ords:	435223.00 - 435223.00	Hole Type	RO
Location:	Barnsley	Level:			Scale 1:50		
Client:	Lidl GB	Dates:			17/05/2021 - 18/05/2021	Logged By CB	

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
											1
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Rotary Core Log

Borehole No.

R101

Sheet 3 of 3

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435223.00 - 435223.00

Hole Type
RO

Location: Barnsley

Level:

Scale
1:50

Client: Lidl GB

Dates: 17/05/2021 - 18/05/2021

Logged By
CB

Well	Water Strikes	Depth (m)	Type / Fl	Coring			Depth (m)	Level (m)	Legend	Stratum Description	
				TCR	SCR	RQD					
							24.90				21
											22
											23
											24
											25
											26
											27
											28
											29
							30.00				30

Grey SANDSTONE.

End of borehole at 30.00 m

Remarks

Open hole drilling.





Trial Pit Log

Trialpit No

TP101

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435156.00 - 400517.00

Level:

Date

17/05/2021

Location: Barnsley

Dimensions
(m):Depth
3.50

Scale

1:50

Logged
CB

Client: Lidl GB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20 0.35 0.35	ES ES WAC		0.15 0.30			MADE GROUND: Dark brown sandy CLAY TOPSOIL. Sand is medium. Occasional fragments of red shale. MADE GROUND: Grey and red gravelly CLAY. Gravel is fine to coarse of sub rounded to angular red shale, siltstone and mudstone. MADE GROUND: Grey clayey GRAVEL of siltstone, sandstone and mudstone. Gravel is fine to coarse with frequent sandstone cobbles and boulders.	
	1.10	D						1
								2
								3
				3.50				4
								5
								6
								7
								8
								9
								10

Remarks: No water strike but some slight groundwater seepage.

Stability:





Trial Pit Log

Trialpit No

TP102

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435163.00 - 400493.00

Level:

Date

20/05/2021

Location: Barnsley

Dimensions
(m):Depth
0.30

Scale

1:50

Logged
CB

Client: Lidl GB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.25 0.30			MADE GROUND: Dark brown sandy gravelly clay TOPSOIL. Sand is medium. Gravel is fine to medium of brick and shale. Occasional rootlets MADE GROUND: Red and black sandy GRAVEL. Gravel is fine to coarse, sub angular to angular of red shale and coal. Sand is coarse. End of pit at 0.30 m	1 2 3 4 5 6 7 8 9 10

Remarks: No groundwater encountered.

Stability:





TP103

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435167.00 - 400474.00
Level:

Date
20/05/2021

Location: Barnsley

Dimensions
(m):

Depth
3.00

Scale
1:50

Logged
CB

Client: Lidl GB

- 1 -
- 2 -
- 3 -
- 4 -
- 5 -
- 6 -
- 7 -
- 8 -
- 9 -
- 10 -

Remarks:	No groundwater encountered.
----------	-----------------------------

Stability:





Trial Pit Log

Trialpit No

TP105

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435226.00 - 400504.00

Level:

Date

18/05/2021

Location: Barnsley

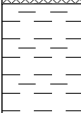
Dimensions
(m):Depth
1.60

Scale

1:50

Logged
CB

Client: Lidl GB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.30			MADE GROUND: Brown sandy CLAY TOPSOIL. Sand is medium. Occasional rootlets.	
							Yellowish brown with grey and orange mottling stiff CLAY.	
	0.70	B						
	0.70	D						
	0.70	ES						
	0.70	LB		1.20			Strong orangish light brown fine grained SANDSTONE.	1
	0.70	WAC						
	1.30	D		1.60				
							End of pit at 1.60 m	2
								3
								4
								5
								6
								7
								8
								9
								10

Remarks: No groundwater encountered.

Stability:





Trial Pit Log

Trialpit No

TP107

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435230.00 - 400433.00

Level:

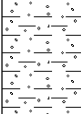
Date

18/05/2021

Location: Barnsley

Dimensions
(m):Depth
3.20Scale
1:50Logged
CB

Client: Lidl GB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	D		0.40			MADE GROUND: Dark brown sandy CLAY TOPSOIL. Sand is medium.	
				1.20			Yellowish brown sandy gravelly CLAY with frequent mudstone and sandstone cobbles (possibly weathered sandstone). Gravel is coarse of angular sandstone.	1
	1.70	D					Grey and orange gravel of MUDSTONE, SILTSTONE and SANDSTONE recovered as coarse angular gravel.	2
	2.50	LB						
	2.80	D		3.20				3
							End of pit at 3.20 m	4
								5
								6
								7
								8
								9
								10

Remarks: Water seepage at 3.1 m bgl.

Stability:





Trial Pit Log

Trialpit No

TP106

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435225.00 - 400482.00

Level:

Date

20/05/2021

Location: Barnsley

Dimensions
(m):Depth
0.30

Scale

1:50

Logged
CB

Client: Lidl GB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.25 0.30			MADE GROUND: Dark brown sandy CLAY TOPSOIL. Sand is medium. Brownish orange slightly gravelly CLAY. Gravel is fine to medium, angular to sub angular of sandstone. End of pit at 0.30 m	1
								2
								3
								4
								5
								6
								7
								8
								9
								10

Remarks: No groundwater encountered.

Stability:





Trial Pit Log

Trialpit No

TP108

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435226.00 - 400431.00

Level:

Date

20/05/2021

Location: Barnsley

Dimensions
(m):Depth
0.40

Scale

1:50

Logged
CB

Client: Lidl GB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.39 0.40			MADE GROUND: Dark brown sandy CLAY TOPSOIL. Sand is medium. Occasional rootlets.	
							Orangish brown slightly clayey sandy GRAVEL. Gravel is coarse of angular to sub angular sandstone (possibly weathered sandstone).	
							End of pit at 0.40 m	1
								2
								3
								4
								5
								6
								7
								8
								9
								10

Remarks: No groundwater encountered.

Stability:





TP109

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords:	435255.00 - 400426.00
----------	-----------------------

Level:

Date _____

20/05/2021

Location: Barnsley

Dimensions
(m):

Depth
0.40

Scale

1:50

Logged
CB

Client: Lidl GB

- 1 -
- 2 -
- 3 -
- 4 -
- 5 -
- 6 -
- 7 -
- 8 -
- 9 -
- 10 -

Remarks:	No groundwater encountered.
----------	-----------------------------

Stability:





Trial Pit Log

Trialpit No

TP110

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435183.00 - 400474.00

Level:

Date

18/05/2021

Location: Barnsley

Dimensions
(m):Depth
1.20

Scale

1:50

Logged
CB

Client: Lidl GB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
▼	0.30	D		0.20			MADE GROUND: Dark brown sandy gravelly TOPSOIL. Sand is medium. Gravel is fine to coarse of red shale.	
	0.30	ES		0.40			MADE GROUND Red and brown sandy GRAVEL Gravel is fine to medium, sub angular to angular.	
	0.30	WAC						
	0.50	D					MADE GROUND: Grey clayey GRAVEL of fine to coarse mudstone with mudstone cobbles and boulders.	
	0.50	LB						
				1.20			End of pit at 1.20 m	
								1
								2
								3
								4
								5
								6
								7
								8
								9
								10

Remarks: Water strike 0.8m, trial pit terminated at 1.2 m due to significant water ingress.

Stability:





Borehole Log

Borehole No.

WS101A

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435164.00 - 400508.00

Hole Type
WS

Location: Barnsley

Level:

Scale
1:50

Client: Lidl GB

Dates: 17/05/2021 - 17/05/2021

Logged By
CB

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			MADE GROUND: Brown sandy slightly gravelly CLAY TOPSOIL. Gravel is medium, angular to sub angular of red shale. Sand is medium.	
					0.70			MADE GROUND: Soft dark grey gravelly CLAY. Gravel is fine to medium, angular to sub angular of mudstone and sandstone. End of borehole at 0.70 m	
									1
									2
									3
									4
									5
									6
									7
									8
									9
									10

Remarks

Water strike at 0.3m bgl.





Borehole Log

Borehole No.

WS101B

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435167.00 - 400502.00

Hole Type
WS

Location: Barnsley

Level:

Scale
1:50

Client: Lidl GB

Dates: 17/05/2021 - 17/05/2021

Logged By
CB

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			MADE GROUND: Brown sandy slightly gravelly CLAY TOPSOIL. Gravel is medium, angular to sub angular of red shale. Sand is medium.	
					0.90			MADE GROUND: Soft dark grey gravelly CLAY. Gravel is fine to medium, angular to sub angular of mudstone and sandstone. End of borehole at 0.90 m	
									1
									2
									3
									4
									5
									6
									7
									8
									9
									10

Remarks

Water strike at 0.3m bgl.





Borehole Log

Borehole No.

WS102

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435185.00 - 435185.00

Hole Type
WS

Location: Barnsley

Level:

Scale
1:50

Client: Lidl GB

Dates: 18/05/2021 - 18/05/2021

Logged By
CB

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.10	ES		0.20			MADE GROUND: Dark brown slightly gravelly sandy CLAY TOPSOIL. Gravel is fine to coarse, sub angular to angular of red shale. Sand is medium.	
		0.25	D		0.40			MADE GROUND: Red sandy GRAVEL. Gravel is fine to coarse of sub angular to angular red shale. Sand is medium to coarse.	
		0.40	D		0.80			MADE GROUND: Sandy clayey GRAVEL. Gravel is fine to coarse sub rounded to angular of mudstone and siltstone. Sand is fine to coarse. Dry.	1
				N=21 (3,3/2,5,6,8)	0.81			MADE GROUND: SANDSTONE COBBLE	
		1.20			1.40			MADE GROUND: Sandy clayey GRAVEL. Gravel is fine to coarse sub rounded to angular of mudstone and siltstone. Sand is fine to coarse. Dry.	2
					1.75			MADE GROUND: SANDSTONE COBBLE	
		1.80		N=72 (9,15/37,12,12,11)	1.80			MADE GROUND: Sandy clayey GRAVEL. Gravel is fine to coarse sub rounded to angular of mudstone and siltstone. Sand is fine to coarse. Dry.	3
								MADE GROUND: Brown clayey gravel of fine to medium coal and shale.	
								MADE GROUND: SANDSTONE COBBLE	4
								End of borehole at 1.80 m	5

Remarks

Groundwater strike at 0.9 mbgl.





Borehole Log

Borehole No.

WS103

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435231.00 - 400523.00

Hole Type
WS

Location: Barnsley

Level:

Scale
1:50

Client: Lidl GB

Dates: 17/05/2021 - 17/05/2021

Logged By
CB

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			MADE GROUND: Brown sandy CLAY TOPSOIL. Sand is medium.	
		0.80	D					Yellowish brown soft gravelly CLAY. Gravel is fine to coarse sub rounded to sub angular of sandstone and mudstone.	1
		1.20		N=54 (3,3/5,6,18,25)					
		1.40	D						
		1.80	D		1.70			Yellowish brown highly weathered MUDSTONE and SANDSTONE.	2
		1.80		50 (18 for 75mm/50 for 50mm)	1.94			End of borehole at 1.94 m	
									3
									4
									5
									6
									7
									8
									9
									10

Remarks

No groundwater encountered.





Borehole Log

Borehole No.

WS104

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435217.00 - 400491.00

Hole Type
WS

Location: Barnsley

Level:

Scale
1:50

Client: Lidl GB

Dates: 18/05/2021 - 18/05/2021

Logged By
CB

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30			MADE GROUND: Brown sandy CLAY TOPSOIL. Sand is medium.	
		0.50	D					Light brown slightly sandy soft CLAY. Sand is fine to medium.	
		0.80	D						
		1.20		68 (6,9/68 for 200mm)	1.20			End of borehole at 1.20 m	
									1
									2
									3
									4
									5
									6
									7
									8
									9
									10

Remarks

No groundwater encountered.





Borehole Log

Borehole No.

WS105

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435228.00 - 400496.00

Hole Type
WS

Location: Barnsley

Level:

Scale
1:50

Client: Lidl GB

Dates: 18/05/2021 - 18/05/2021

Logged By
CB

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30	D ES	50 (19,48/50 for 50mm)	0.30			MADE GROUND: Brown sandy CLAY TOPSOIL. Sand is medium.	1
		0.50			0.50			Light brown gravelly CLAY. Gravel is fine to coarse of angular to sub angular mudstone, siltstone and sandstone.	
		1.00			1.00			Light brown highly weathered MUDSTONE.	
		1.20			1.30			End of borehole at 1.30 m	
									2
									3
									4
									5
									6
									7
									8
									9
									10

Remarks

No groundwater encountered.





Borehole Log

Borehole No.

WS106

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435235.00 - 400466.00

Hole Type
WS

Location: Barnsley

Level:

Scale
1:50

Client: Lidl GB

Dates: 17/05/2021 - 17/05/2021

Logged By
CB

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.30			0.30			MADE GROUND: Brown sandy CLAY TOPSOIL. Sand is medium. Occasional rootlets.	
		0.50	D					Light brown gravelly slightly sandy soft CLAY. Gravel is fine to medium of sub angular to angular sandstone. Sand is fine to medium.	1
		1.20		N=11 (1,1/2,3,3,3)					
		2.00		N=104 (4,8/104 for 265mm)	2.00			End of borehole at 2.00 m	2
									3
									4
									5
									6
									7
									8
									9
									10

Remarks

No groundwater encountered.





Borehole Log

Borehole No.

WS107

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435228.00 - 435228.00

Hole Type
WS

Location: Barnsley

Level:

Scale
1:50

Client: Lidl GB

Dates: 17/05/2021 - 17/05/2021

Logged By
CB

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		0.15	ES		0.26			MADE GROUND: Brown sandy CLAY TOPSOIL. Sand is medium. Occasional fragments of red shale.	1
		1.00 1.00 1.20	D WAC	N=14 (1,1/2,3,4,5)	1.30			Light brown gravelly slightly sandy soft CLAY. Gravel is fine to coarse of sub angular to angular sandstone. Sand is fine to medium.	
		2.00 2.00	D	117 (10,20/117 for 190mm)	2.20			Light brown highly weathered MUDSTONE and SILTSTONE.	2
								End of borehole at 2.20 m	3
									4
									5
									6
									7
									8
									9
									10

Remarks

No groundwater encountered.





Borehole Log

Borehole No.

WS201

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435215.75 - 400446.02

Hole Type
WS

Location: Barnsley

Level: 146.47

Scale
1:20

Client: Lidl GB

Dates: 27/11/2021 - 27/11/2021

Logged By
CB

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.15	146.32		Brown sandy clay TOPSOIL.	
		0.70	D					MADE GROUND: Reddish brown clayey gravelly fine to medium SAND. Gravel is fine to coarse, sub rounded to sub angular of sandstone, mudstone and brick. Low brick cobble content. Rare pieces of coal, concrete and ceramics.	1
					1.30	145.17		Brownish yellow weathered SANDSTONE.	
					1.60	144.87		End of borehole at 1.60 m	2
									3
									4

Remarks

Hole terminated at 1.6m bgl, refusal. No groundwater encountered.





Borehole Log

Borehole No.

WS202

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435213.92 - 400457.28

Hole Type
WS

Location: Barnsley

Level: 145.84

Scale
1:20

Client: Lidl GB

Dates: 27/10/2021 - 27/10/2021

Logged By
CB

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		2.50	D		2.60	143.24		MADE GROUND: Reddish brown clayey sandy gravel. Gravel is fine to coarse of sandstone, brick, burnt shale. Rare concrete and coal gravel.	1
									2
									3
									4

Remarks

Hole terminated at 2.6 m bgl, refusal. No groundwater encountered.





Borehole Log

Borehole No.

WS203

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435215.95 - 400465.51

Hole Type
WS

Location: Barnsley

Level: 145.59

Scale
1:20

Client: Lidl GB

Dates: 27/10/2021 -

Logged By
CB

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
		1.50	D					MADE GROUND: Reddish brown clayey sandy gravel. Gravel is fine to coarse of sandstone, brick, burnt shale. Rare concrete and coal gravel.	1
					2.60	142.99		Brownish yellow weathered SANDSTONE.	2
					2.80	142.79		End of borehole at 2.80 m	3
									4

Remarks

Hole terminated at 2.8m bgl, refusal. No groundwater encountered.





Borehole Log

Borehole No.

WS204

Sheet 1 of 1

Project Name: Lidl Cross Keys Lane, Hoyland

Project No.
078794

Co-ords: 435211.77 - 400473.86

Hole Type
WS

Location: Barnsley

Level: 145.37

Scale
1:20

Client: Lidl GB

Dates: 27/10/2021 -

Logged By
CB

Well	Water Strikes	Samples and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20	145.17		MADE GROUND: Brown silty sand TOPSOIL.	
								MADE GROUND: Reddish brown clayey sandy gravel. Gravel is fine to coarse of sandstone, brick, burnt shale. Rare concrete and coal gravel.	
					2.40	142.97		Brownish yellow weathered SANDSTONE.	
		2.50	D		2.60	142.77		End of borehole at 2.60 m	

Remarks

Hole terminated at 2.6m bgl (refusal). No groundwater encountered.



Trial Trench Cross Section: TT103

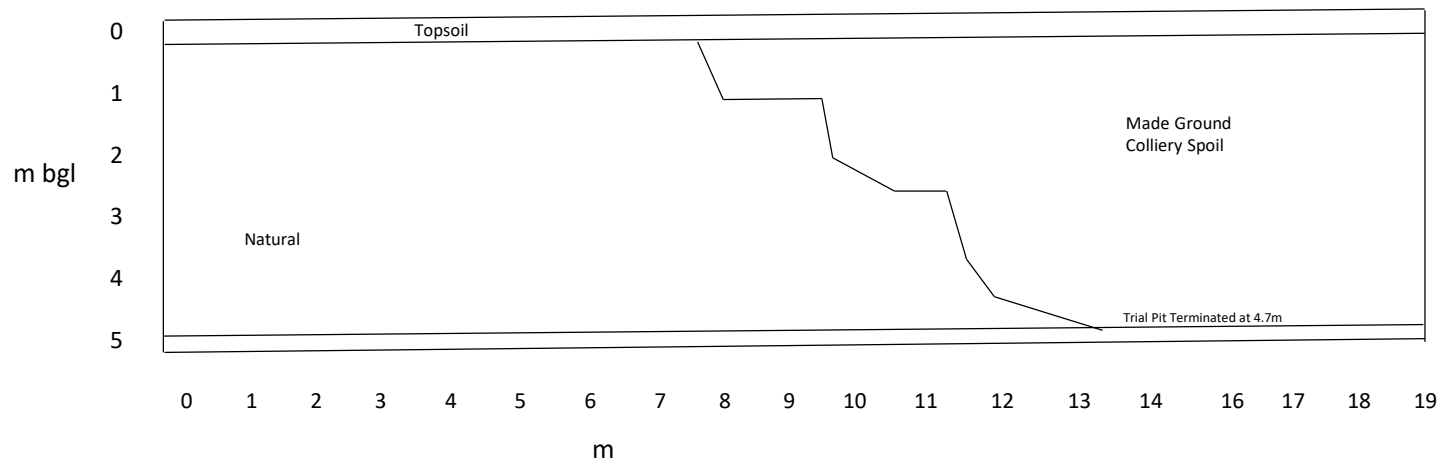
Date: 18/05/2021

Job Number: 078794

Site: Cross Keys Lane Hoyland

South
East

North
West



Trial Trench Cross Section: TT101

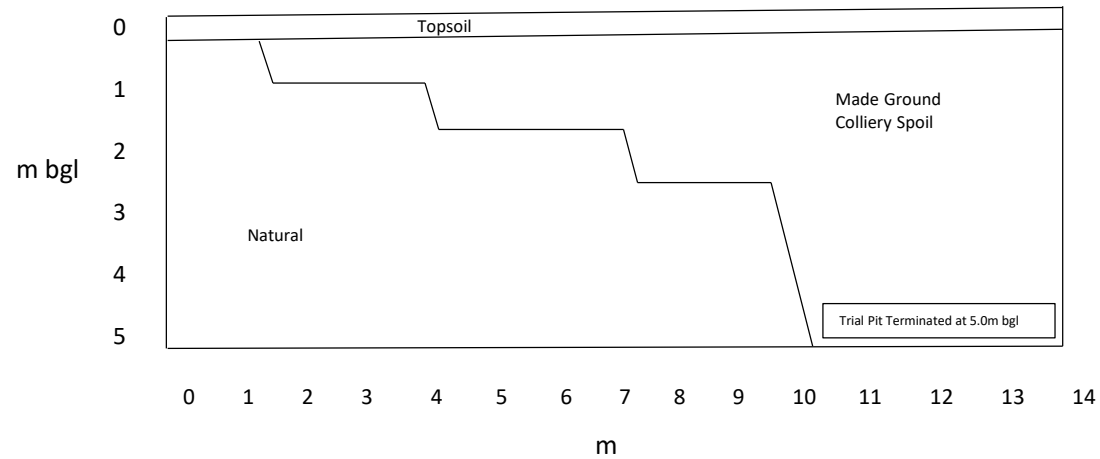
Date: 17/05/2021

Job Number: 078794

Site: Cross Keys Lane Hoyland

East

West



Trial Trench Cross Section :TT102

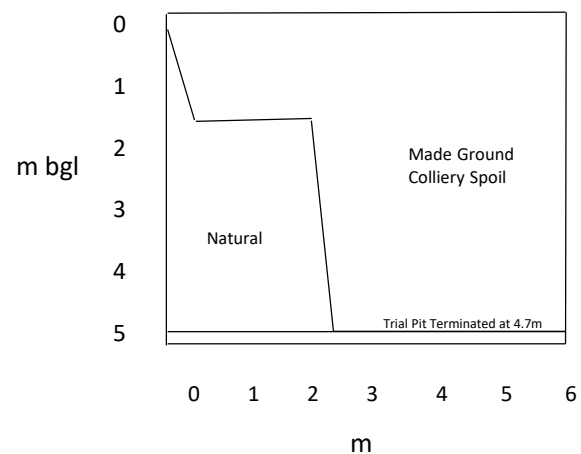
Date: 17/05/2021

Job Number: 078794

Site: Cross Keys Lane Hoyland

East

West



Trial Trench Cross Section: TT201 (Additional SI)

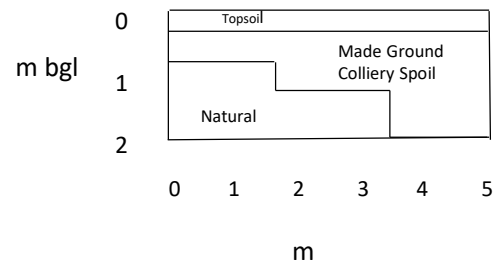
Date: 26/10/2021

Job Number: 078794

Site: Cross Keys Lane Hoyland

East

West



All measurements are approximate



Trial Trench Cross Section: TT202 (Additional SI)

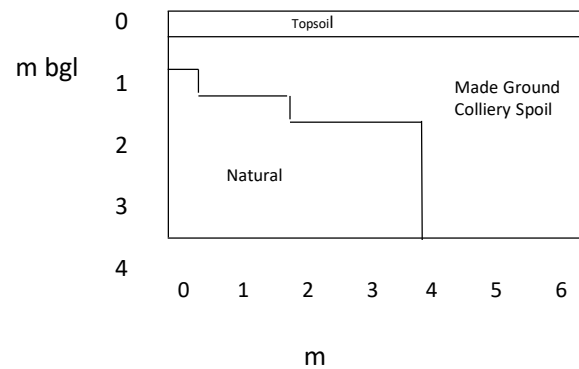
Date: 26/10/2021

Job Number: 078794

Site: Cross Keys Lane Hoyland

East

West



Trial Trench Cross Section: TT203 (Additional SI)

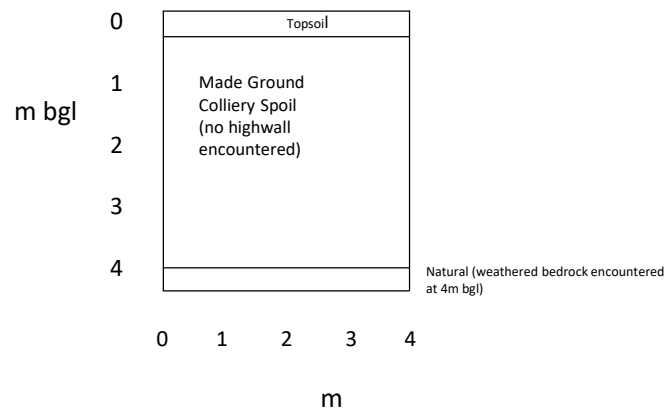
Date: 26/10/2021

Job Number: 078794

Site: Cross Keys Lane Hoyland

East

West



All measurements are approximate



Trial Trench Cross Section: TT204 (Additional SI)

Date: 26/10/2021

Job Number: 078794

Site: Cross Keys Lane Hoyland

East

West



All measurements are approximate



Trial Trench Cross Section: TT205 (Additional SI)

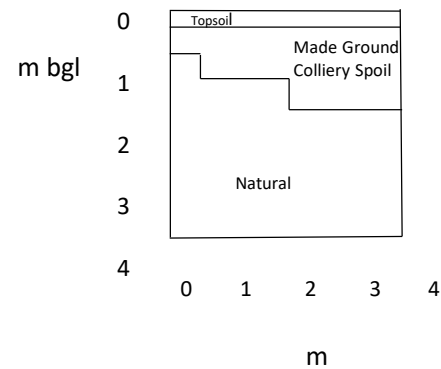
Date: 26/10/2021

Job Number: 078794

Site: Cross Keys Lane Hoyland

East

West



All measurements are approximate



Trial Trench Cross Section: TT206 (Additional SI)

Date: 26/10/2021

Job Number: 078794

Site: Cross Keys Lane Hoyland

Shallow TP only (to 0.3 m bgl) to identify confirm wall location. Start of MG/highwall area shown on post SI EHLP.

