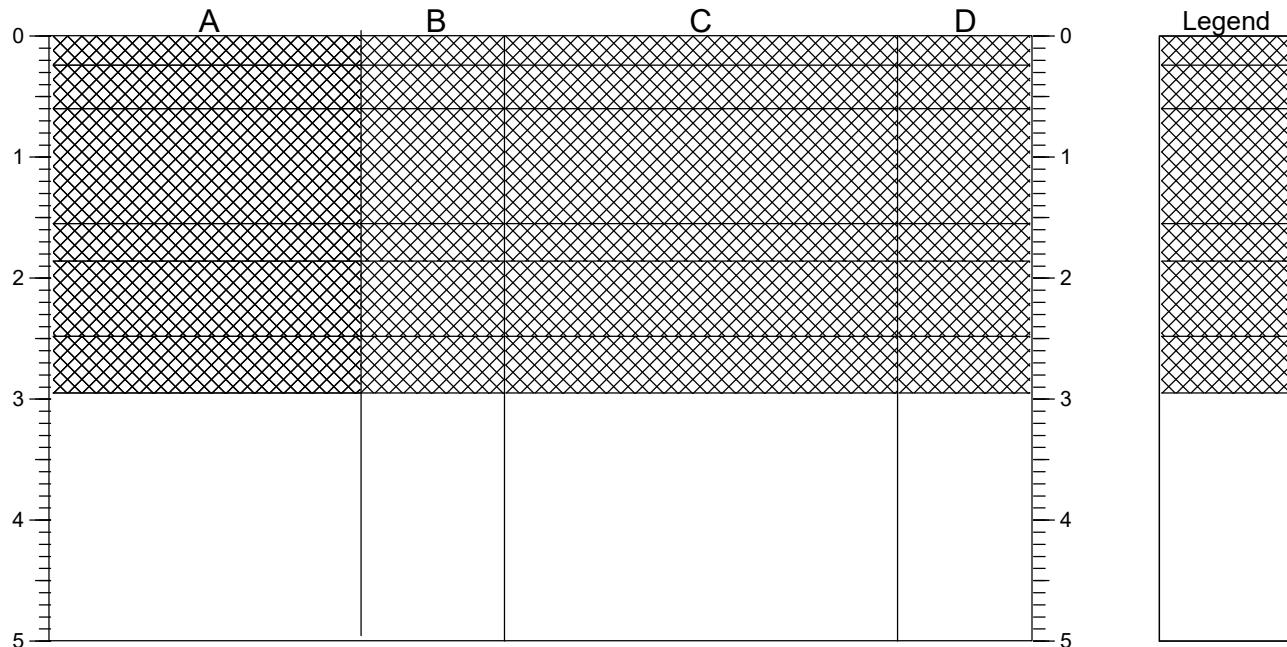


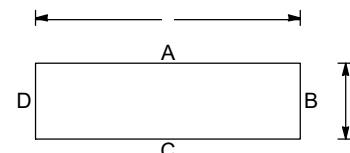
**APPENDIX H**

**2023 TRIAL PIT LOGS**

Project Nutfield Site Investigation	Client HGH consulting	Date 02/03/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 120.78	Co-Ordinates (NGR) E 530101.000 N 150551.000
Contractor	Location Nutfield	Sheet 1 of 1



STRATA				SAMPLES & TESTS		
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
0.24	120.54		Medium brown clayey TOPSOIL with occasional rootlets (COVER SOILS).			
0.60	120.18		Medium yellowy brown very sandy SILT with few gravel and cobbles. Gravel and cobbles comprise sandstone and shale. Inclusions of firm dark grey clay (MADE GROUND).	0.60-1.55	JJ1	Additional Suite
1.55	119.23		Greenish brown slightly silty very cobbly SAND & GRAVEL with occasional boulders. Gravel cobbles and boulders comprise sandstone, shale and chalk. Inclusions of soft black cohesive material with slight tar/petrol odour (MADE GROUND).	1.55-1.86	JJ2	Basic Suite
1.86	118.92		Black to medium bluey grey slightly sandy CLAY with occasional inclusions of coal. Inclusions have a slight tar/petrol odour (MADE GROUND).			
2.48	118.30		Light brown to medium grey slightly sandy CLAY with occasional gravel and cobbles, comprising red or grey sandstone. Inclusions of soft bright orange silt and coal (MADE GROUND).			
2.95	117.83		Soft bright orange SILT with frequent inclusions of coal. Difficult to differentiate layers between silt and coal. Some sections of orange silt are waxy with red staining (MADE GROUND).			
			END OF TRIAL PIT			



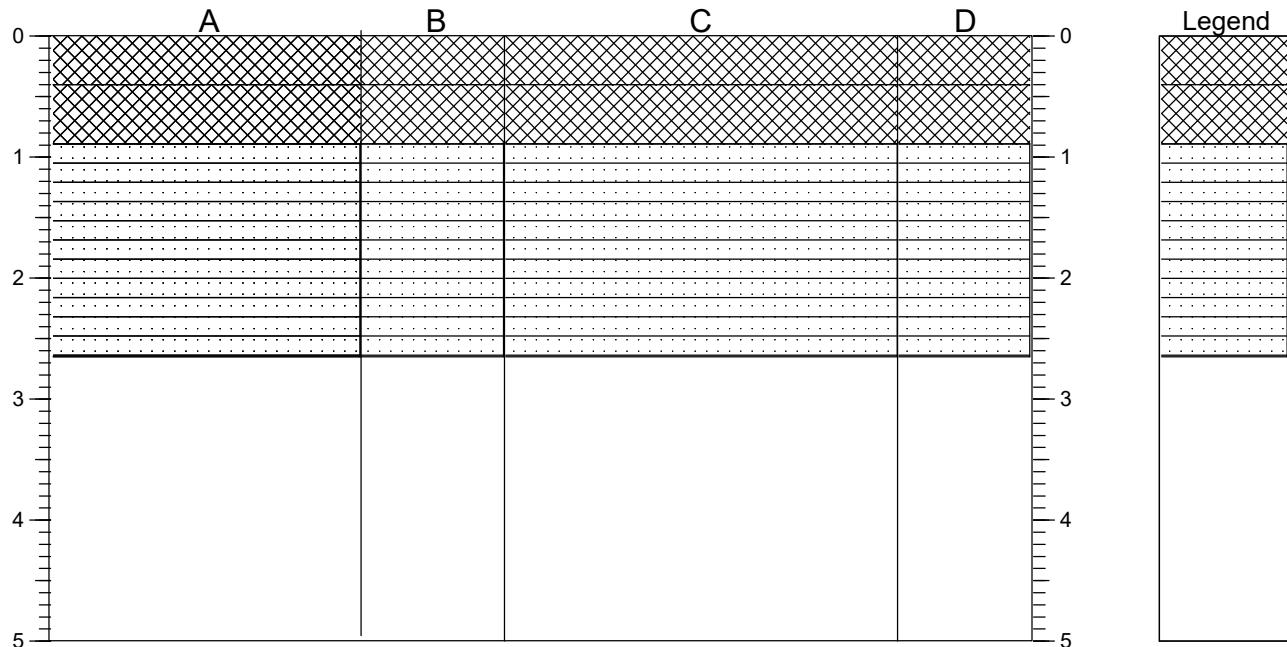
Trial pit dimensions are approximate.

## GENERAL REMARKS

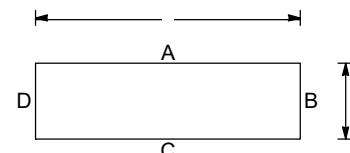
Dry. Backfilled with arisings. Ground level approximated from 24/08/2020 topographical survey NGP/NU/12-20/22157.

All dimensions in metres Scale 1:62.5	Method/ Plant Used Caterpillar 311 C U	Logged By JCO
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Project Nutfield Site Investigation	Client HGH consulting	Date 01/03/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 115.85	Co-Ordinates (NGR) E 530144.200 N 150606.100
Contractor	Location Nutfield	Sheet 1 of 1



STRATA				SAMPLES & TESTS		
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
0.40	115.45		Medium brown sandy TOPSOIL with frequent rootlets (COVER SOILS).			
0.89	114.96		Medium yellowy brown slightly sandy silty CLAY with frequent gravel, cobbles and boulders comprising sandstone and shale. Inclusions of soft bright orange silt and firm dark grey clay (MADE GROUND).			
2.65	113.20		Medium strong interbedded yellowy brown to dark brown grey interbedded sandstone and mudstone (PROBABLE SANDGATE FORMATION).	0.89-2.65	JJ1	Basic Suite
			END OF TRIAL PIT			



Trial pit dimensions are approximate.

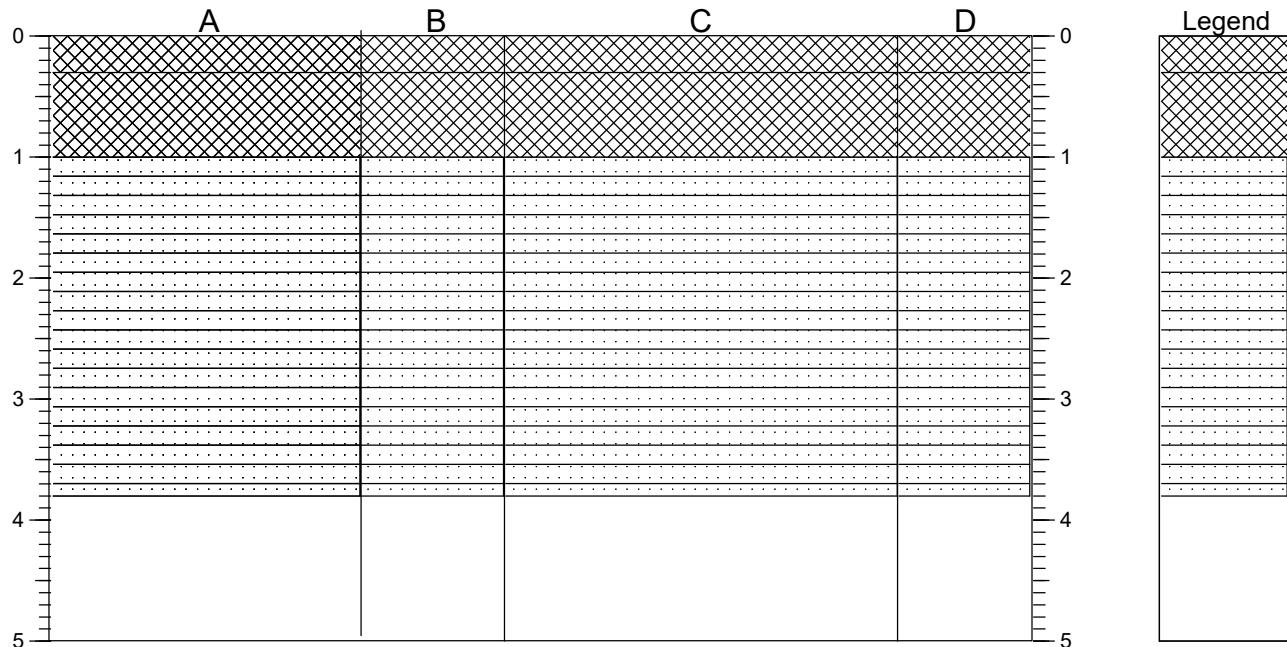
## GENERAL REMARKS

Dry. Backfilled with arisings. Ground level approximated from 24/08/2020 topographical survey NGP/NU/12-20/22157.

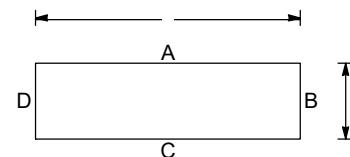
All dimensions in metres Scale 1:62.5	Method/ Plant Used Caterpillar 311 C U	Logged By JCO
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# TRIAL PIT LOG

Project Nutfield Site Investigation	Client HGH consulting	Date 02/03/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 120.35	Co-Ordinates (NGR) E 530193.600 N 150552.600
Contractor	Location Nutfield	Sheet 1 of 1



STRATA				SAMPLES & TESTS		
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
0.30	120.05		Medium brown clayey sandy TOPSOIL with frequent rootlets and occasional gravel and cobbles. Cobbles comprise brick and gravel comprises brick, sandstone and shale (MADE GROUND).			
1.00	119.35		Medium yellowy brown very sandy CLAY with frequent gravel and cobbles comprising brick, sandstone and shale. Occasional inclusions of grey clay (MADE GROUND).	1.00-3.80	JJ1	Basic Suite
3.80	116.55		Medium strong interbedded pale to dark brown interbedded sandstone and mudstone (PROBABLE SANDGATE FORMATION).			
			END OF TRIAL PIT			



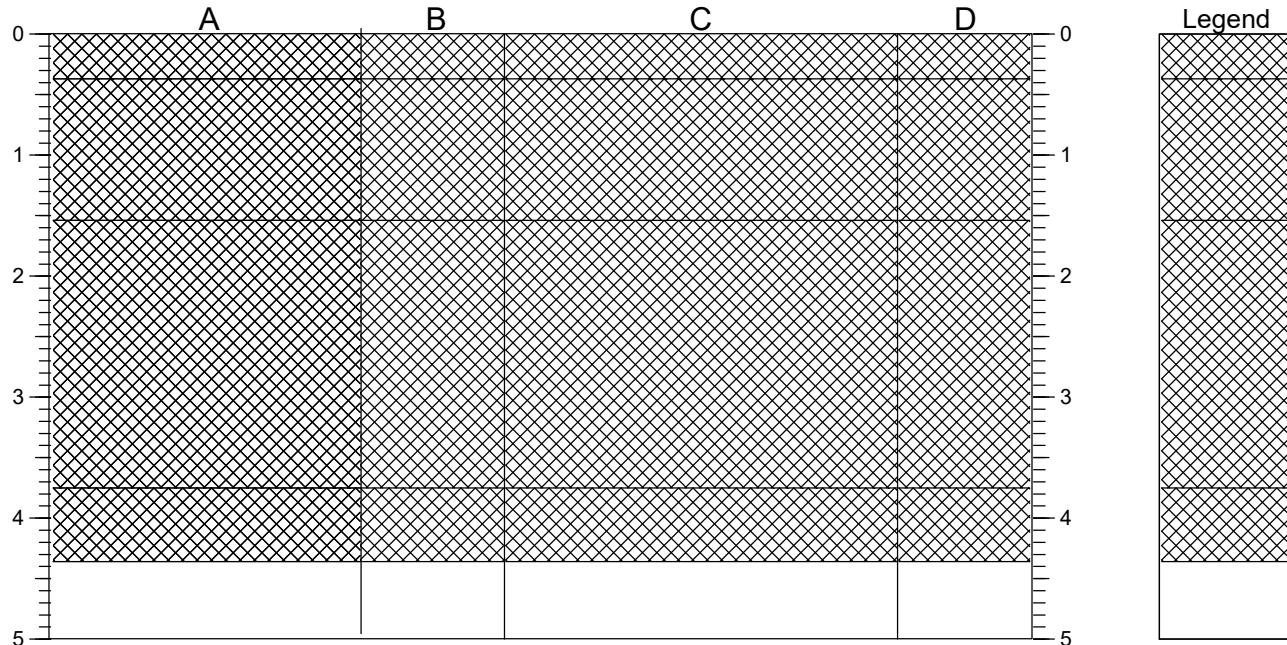
Trial pit dimensions are approximate.

## GENERAL REMARKS

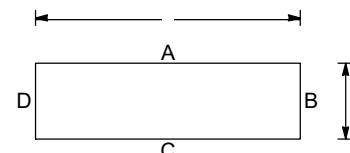
Dry. Backfilled with arisings. Ground level approximated from 24/08/2020 topographical survey NGP/NU/12-20/22157.

All dimensions in metres Scale 1:62.5	Method/ Plant Used Caterpillar 311 C U	Logged By JCO
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Project Nutfield Site Investigation	Client HGH consulting	Date 02/03/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 121.90	Co-Ordinates (NGR) E 530213.800 N 150499.100
Contractor	Location Nutfield	Sheet 1 of 1



STRATA				SAMPLES & TESTS		
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
0.37	121.53		Medium brown clayey TOPSOIL with occasional rootlets (COVER SOILS).			
			Medium yellowy greenish brown slightly silty SAND & GRAVEL with frequent cobbles. Gravel and cobbles comprise sandstone, brick and shale. Occasional inclusions of black cohesive material. Rare pieces of wood (MADE GROUND).			
1.54	120.36		Firm blackish grey CLAY. Very dense material with a tar/petrol odour throughout (MADE GROUND).	1.54-3.75	JJ1	Additional Suite
3.75	118.15		Medium greenish grey clayey SILT with occasional gravel and cobbles comprising sandstone and shale. Inclusions of black cohesive material (MADE GROUND).			
4.36	117.54		END OF TRIAL PIT			



Trial pit dimensions are approximate.

## GENERAL REMARKS

Dry. Backfilled with arisings. Ground level approximated from 24/08/2020 topographical survey NGP/NU/12-20/22157.

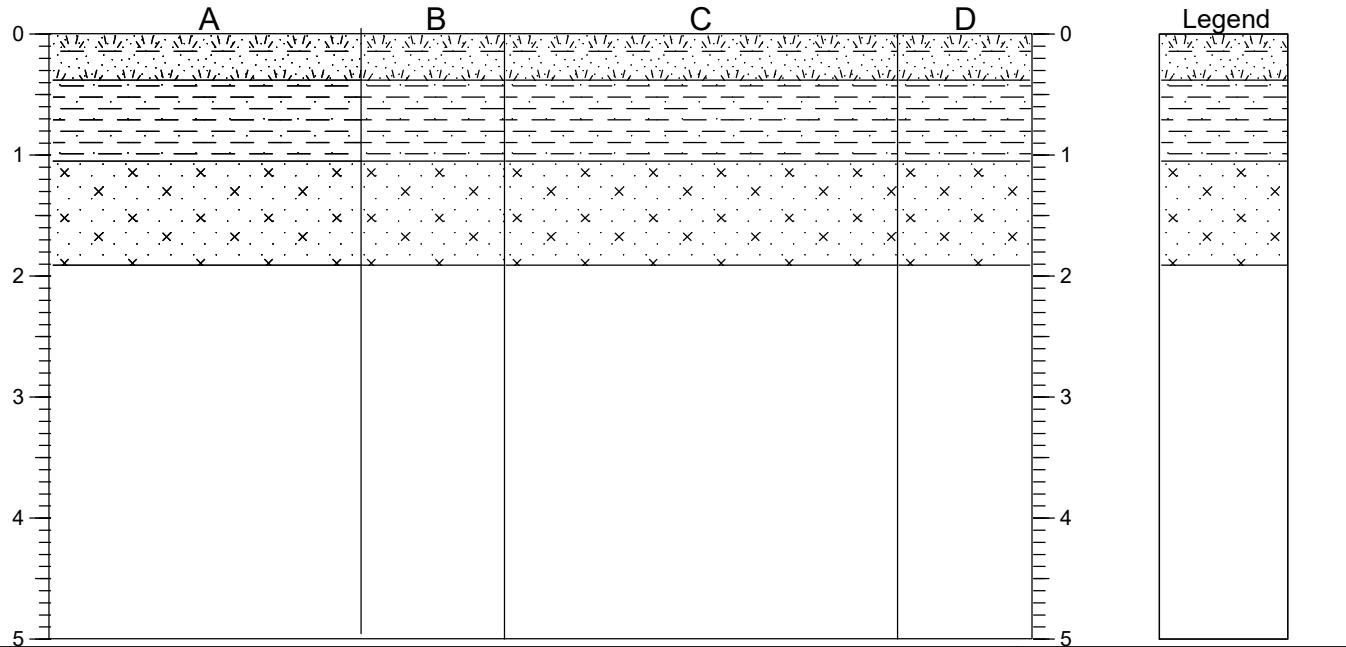


Technical advisers on environmental issues

Baddesley Colliery Offices,  
Main Road,  
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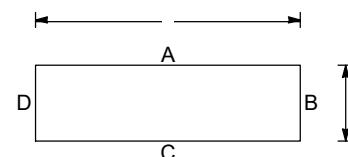
# TRIAL PIT LOG

Project Nutfield Site Investigation	Client HGH consulting	Date 02/03/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 122.95	Co-Ordinates (NGR) E 530306.400 N 150492.900
Contractor	Location Nutfield	Sheet 1 of 1



STRATA				SAMPLES & TESTS		
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
0.38	122.57		Medium brown sandy TOPSOIL with occasional gravels comprising sandstone and shale.	1.05-1.91	JJ1	Basic Suite
1.05	121.90		Medium yellowy brown silty sandy CLAY with occasional gravels comprising sandstone (SANDGATE FORMATION).			
1.91	121.04		Strong pale yellowy brown slightly clayey silty SAND (SANDGATE FORMATION).			
			END OF TRIAL PIT			

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Trial pit dimensions are approximate.

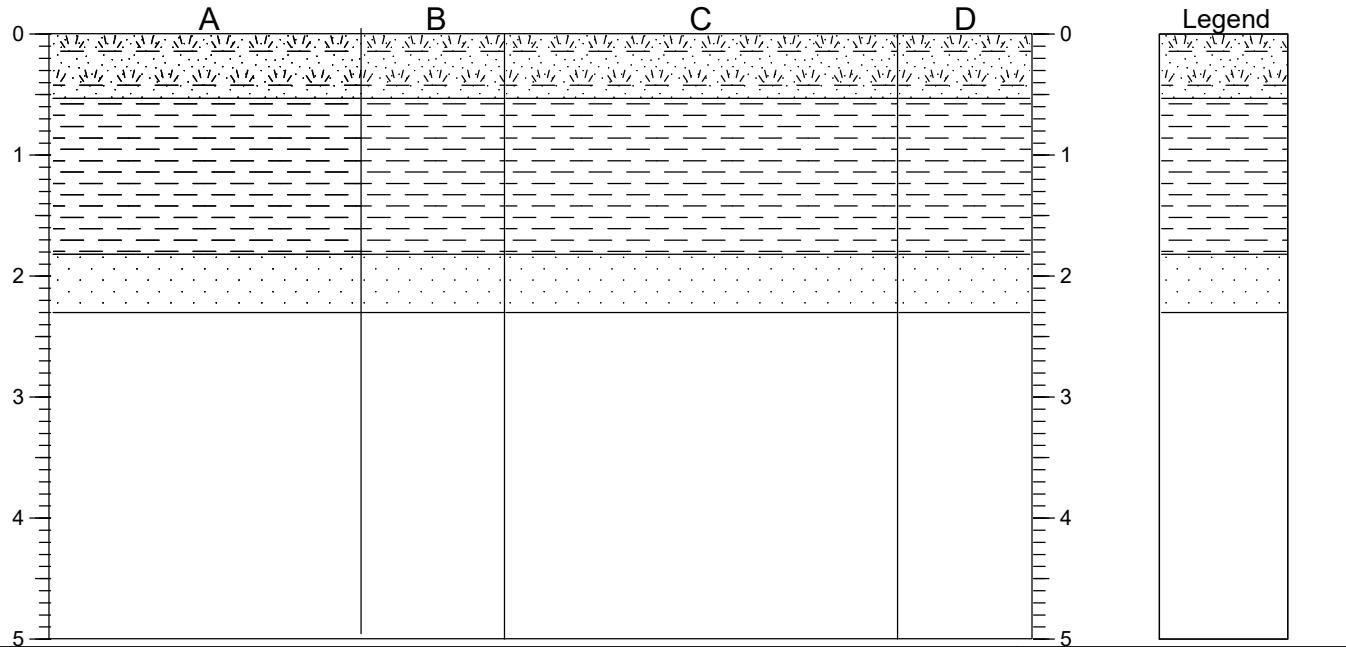
## GENERAL REMARKS

Groundwater encountered at base of trial pit.  
Backfilled with arisings.  
Ground level approximated from  
24/08/2020 topographical survey  
NGP/NU/12-20/22157.

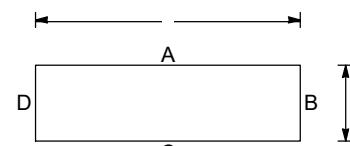
All dimensions in metres Scale 1:62.5	Method/ Plant Used Caterpillar 311 C U	Logged By JCO
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# TRIAL PIT LOG

Project Nutfield Site Investigation	Client HGH consulting	Date 01/03/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 105.48	Co-Ordinates (NGR) E 530184.000 N 150687.100
Contractor	Location Nutfield	Sheet 1 of 1



STRATA				SAMPLES & TESTS		
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
0.53	104.95		Medium brown clayey TOPSOIL with occasional rootlets.			
			Weak yellowy brown slightly sandy CLAY with occasional gravel and cobbles comprising shale and sandstone (PROBABLE SANDGATE FORMATION).			
			Medium strong greenish brown silty SAND (SANDGATE FORMATION).	1.82-2.30	JJ1	Basic Suite
			END OF TRIAL PIT			



Trial pit dimensions are approximate.

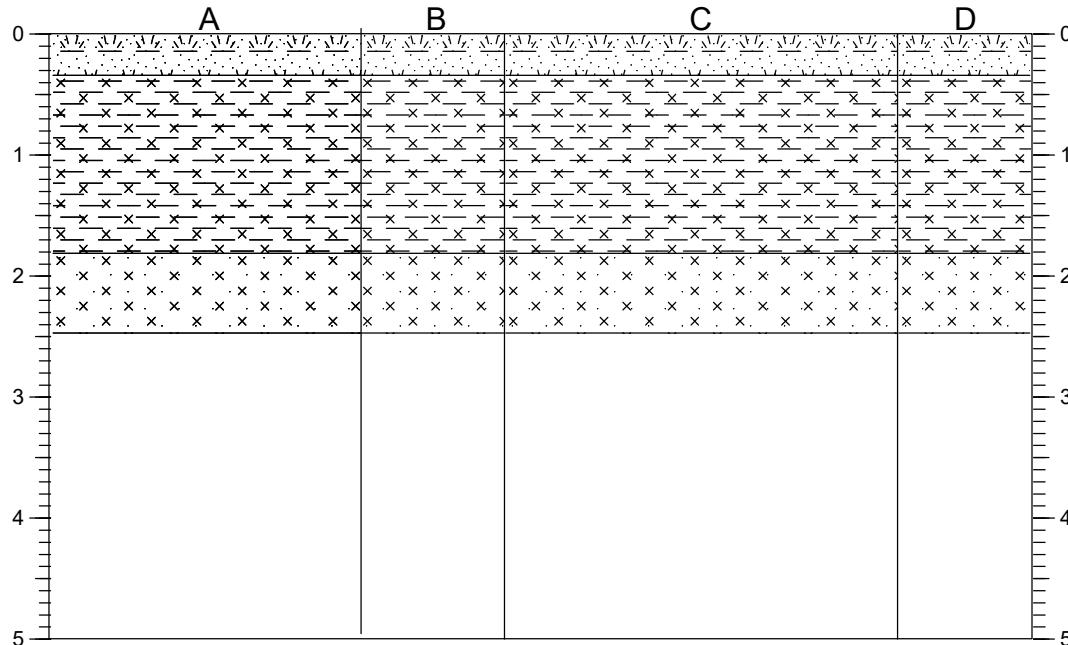
## GENERAL REMARKS

Groundwater encountered at 1.85m depth, trial pit filled with water to this level from the base within 10 minutes. Backfilled with arisings. Ground level approximated from 24/08/2020 topographical survey  
NGP/NU/12-20/22157.

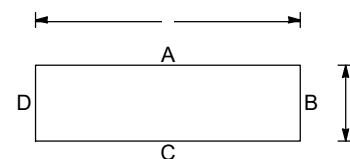
All dimensions in metres Scale 1:62.5	Method/ Plant Used Caterpillar 311 C U	Logged By JCO
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# TRIAL PIT LOG

Project Nutfield Site Investigation	Client HGH consulting	Date 01/03/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 105.89	Co-Ordinates (NGR) E 530132.400 N 150708.700
Contractor	Location Nutfield	Sheet 1 of 1



STRATA				SAMPLES & TESTS		
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
0.34	105.55		Dark brown silty TOPSOIL with frequent rootlets.	0.34-0.71	JJ1	Basic Suite
			Pale grey to yellowy brown slightly sandy silty CLAY with occasional gravel and rare cobbles of sandstone (PROBABLE SANDGATE FORMATION).			
1.81	104.08		Weak sandy SILT interbedded with thin sand laminations (SANDGATE FORMATION).			
2.47	103.42		END OF TRIAL PIT			



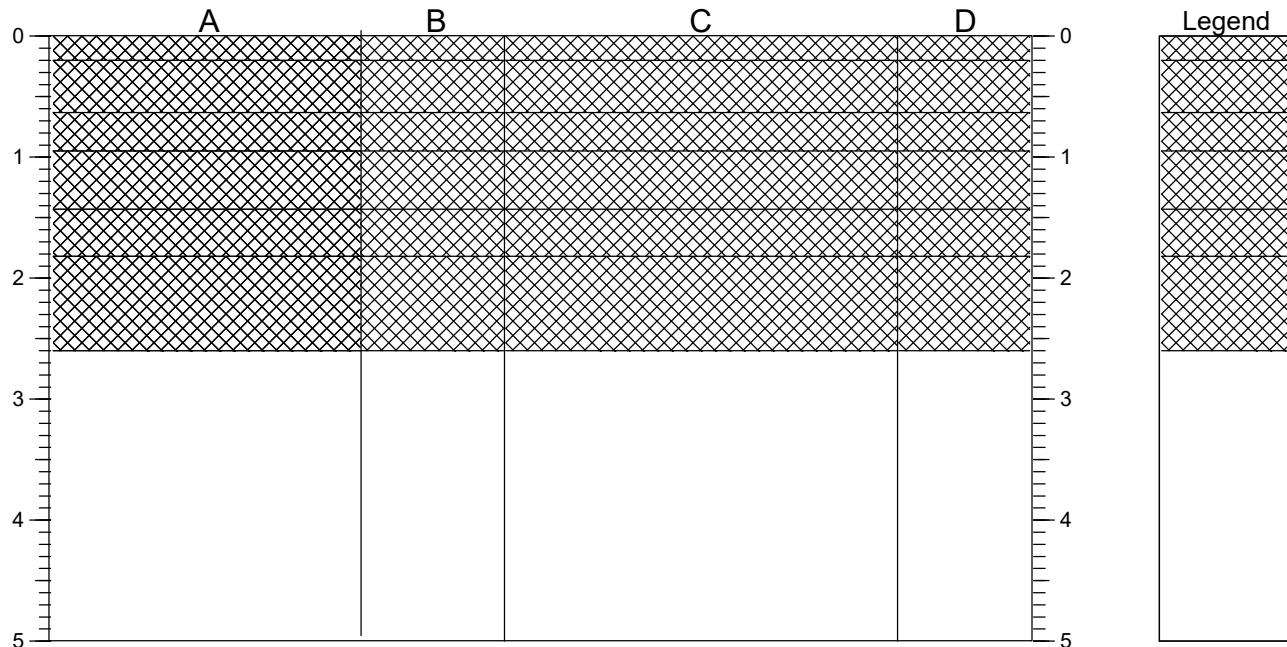
Trial pit dimensions are approximate.

## GENERAL REMARKS

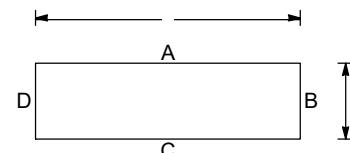
Dry. Backfilled with arisings. Ground level approximated from 24/08/2020 topographical survey NGP/NU/12-20/22157.

All dimensions in metres Scale 1:62.5	Method/ Plant Used Caterpillar 311 C U	Logged By JCO
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Project Nutfield Site Investigation	Client HGH consulting	Date 28/02/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 122.39	Co-Ordinates (NGR) E 530575.700 N 150788.000
Contractor	Location Nutfield	Sheet 1 of 1



STRATA				SAMPLES & TESTS		
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
0.20	122.19		Medium brown sandy slightly gravelly TOPSOIL with occasional rootlets (MADE GROUND).			
0.63	121.76		Medium yellowy brown very clayey silty SAND (MADE GROUND).			
0.95	121.44		Yellowy brown to grey silty sandy CLAY (MADE GROUND).			
1.43	120.96		Black SAND & GRAVEL comprising coal with occasional cobbles of coal (MADE GROUND).	1.43-1.82	JJ1	Basic Suite
1.82	120.57		Purplish dark brown SAND & GRAVEL clinker with occasional cobbles of black shiny coal material (MADE GROUND).			
2.60	119.79		Soft bright orange SILT. Material is brittle yet cohesive and waxy/greasy (MADE GROUND).			
			END OF TRIAL PIT			



Trial pit dimensions are approximate.

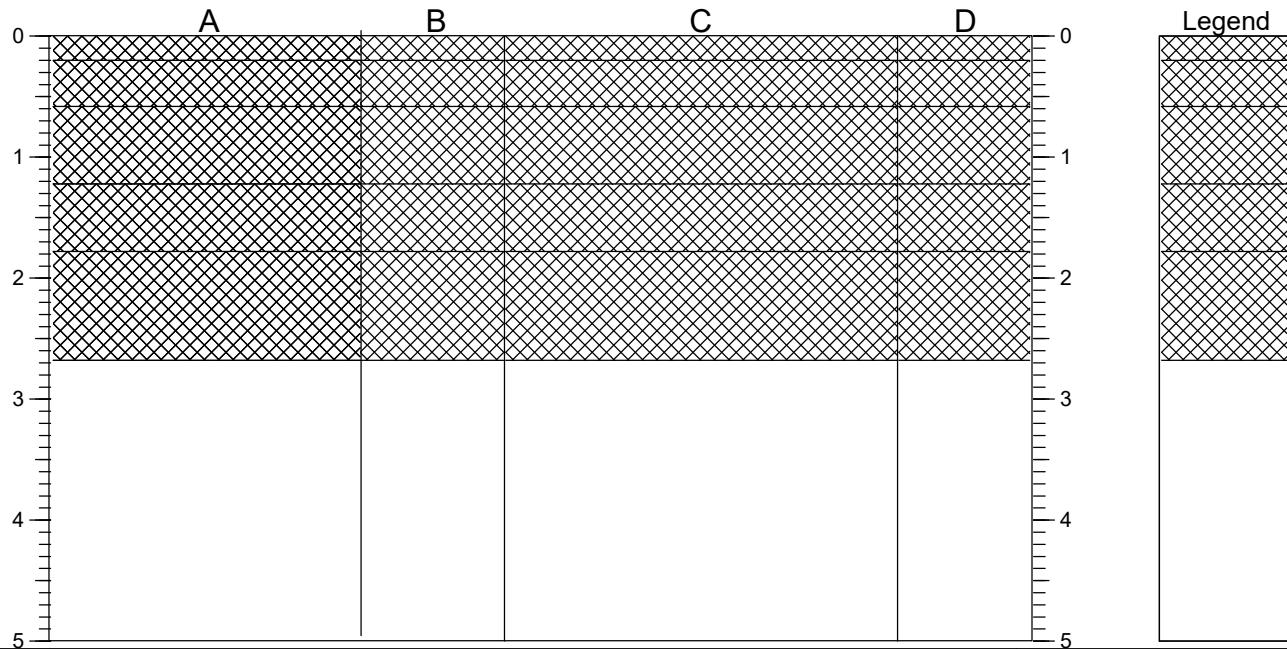
## GENERAL REMARKS

Dry. Backfilled with arisings. Ground level approximated from 24/08/2020 topographical survey NGP/NU/12-20/22157.

All dimensions in metres Scale 1:62.5	Method/ Plant Used Caterpillar 311 C U	Logged By JCO
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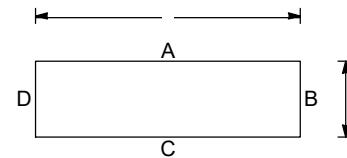
# TRIAL PIT LOG

Project Nutfield Site Investigation	Client HGH consulting	Date 28/02/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 123.79	Co-Ordinates (NGR) E 530623.900 N 150822.700
Contractor	Location Nutfield	Sheet 1 of 1



STRATA				SAMPLES & TESTS		
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
0.20	123.59		Yellowy brown clayey TOPSOIL with frequent rootlets, occasional gravel and cobbles comprising sandstone and shale (MADE GROUND).			
0.58	123.21		Yellow to brown clayey very silty GRAVEL with rare cobbles. Gravel and cobbles comprise sandstone (MADE GROUND).			
1.22	122.57		Medium brown to grey slightly sandy slightly gravelly CLAY with occasional cobbles comprising sandstone (MADE GROUND).			
1.78	122.01		Black very sandy GRAVEL comprising coal with occasional cobbles of coal (MADE GROUND).			
2.68	121.11		Soft bright orange SILT. Material is brittle yet cohesive and waxy/greasy (MADE GROUND).			
			END OF TRIAL PIT			

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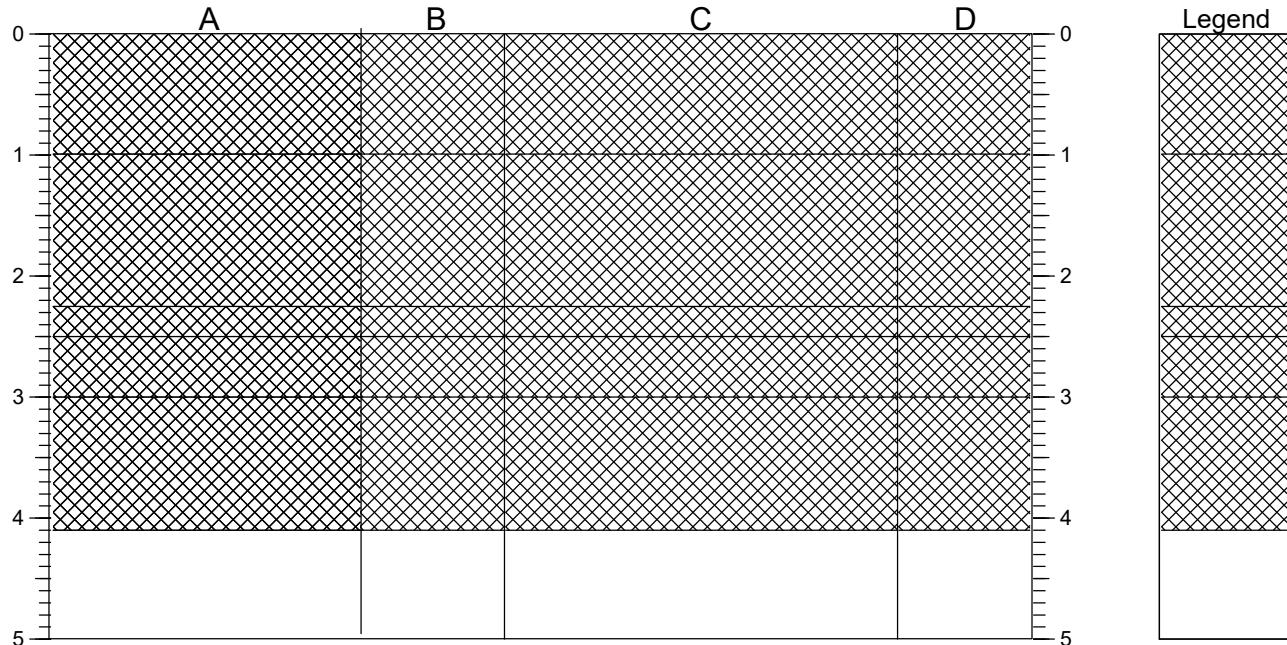
Trial pit dimensions are approximate.

## GENERAL REMARKS

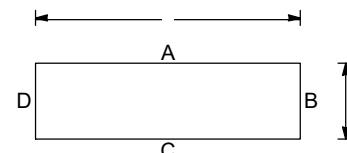
Dry. Backfilled with arisings. Ground level approximated from 24/08/2020 topographical survey NGP/NU/12-20/22157.

All dimensions in metres Scale 1:62.5	Method/ Plant Used Caterpillar 311 C U	Logged By JCO
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Project Nutfield Site Investigation	Client HGH consulting	Date 27/02/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 137.35	Co-Ordinates (NGR) E 530719.800 N 150709.000
Contractor	Location Nutfield	Sheet 1 of 1



STRATA			SAMPLES & TESTS			
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
			Medium soft light yellowy brown sandy very silty CLAY with few gravel, cobbles and boulders. Gravel, cobbles and boulders comprise sandstone and shale (MADE GROUND).			
0.99	136.36		Dark to pale grey very sandy SILT with frequent gravel and cobbles comprising sandstone (MADE GROUND).			
2.25	135.10		Black sandy GRAVEL comprising coal/charcoal with frequent cobbles of coal/charcoal (MADE GROUND).	2.25-2.50	JJ1	Basic Suite
2.50	134.85		Medium soft light brown slightly clayey very silty SAND (MADE GROUND).			
3.00	134.35		Soft bright orange SILT. Material is brittle yet cohesive and waxy (MADE GROUND).	3.00-4.10	JJ2	Basic Suite
4.10	133.25		END OF TRIAL PIT			



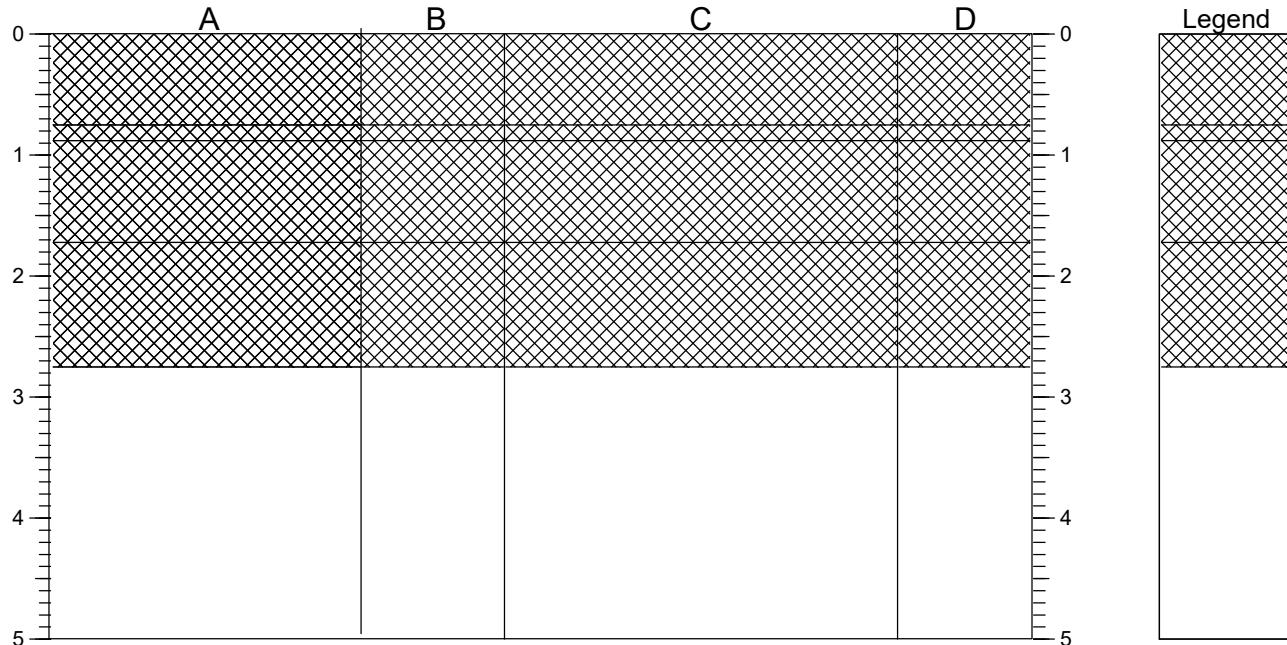
Trial pit dimensions are approximate.

## GENERAL REMARKS

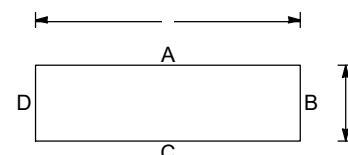
Dry. Backfilled with arisings. Ground level approximated from 24/08/2020 topographical survey NGP/NU/12-20/22157.

All dimensions in metres Scale 1:62.5	Method/ Plant Used Caterpillar 311 C U	Logged By JCO
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Project Nutfield Site Investigation	Client HGH consulting	Date 27/02/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 134.42	Co-Ordinates (NGR) E 530746.800 N 150751.900
Contractor	Location Nutfield	Sheet 1 of 1



STRATA				SAMPLES & TESTS		
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
0.75	133.67		Yellowy brown slightly clayey silty slightly gravelly SAND (MADE GROUND).			
0.88	133.54		Black sandy GRAVEL comprising coal/charcoal with occasional cobbles of coal/charcoal (MADE GROUND).	0.88-1.36	JJ1	Basic Suite
1.72	132.70		Yellowy brown slightly clayey silty SAND with occasional gravel and cobbles comprising coal and sandstone and rare boulders comprising sandstone (MADE GROUND).			
2.75	131.67		Soft bright orange SILT. Material is brittle yet cohesive and waxy (MADE GROUND).			
			END OF TRIAL PIT			



Trial pit dimensions are approximate.

## GENERAL REMARKS

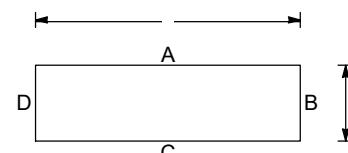
Dry. Backfilled with arisings. Ground level approximated from 24/08/2020 topographical survey NGP/NU/12-20/22157.

All dimensions in metres Scale 1:62.5	Method/ Plant Used Caterpillar 311 C U	Logged By JCO
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Project Nutfield Site Investigation	Client HGH consulting	Date 28/02/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 134.96	Co-Ordinates (NGR) E 530787.700 N 150729.700
Contractor	Location Nutfield	Sheet 1 of 1



STRATA			SAMPLES & TESTS			
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
0.10	134.86		Medium brown very sandy TOPSOIL with frequent rootlets (MADE GROUND). Light brown sandy SILT with frequent gravel comprising coal, sandstone and shale (MADE GROUND).			
0.57	134.39		Black slightly clayey very gravelly SAND comprising coal with occasional cobbles of coal. Material has a slight sheen (MADE GROUND).			
0.66	134.30		Light brown sandy SILT with frequent gravel comprising coal, sandstone and shale (MADE GROUND).			
0.77	134.19		Black slightly clayey very gravelly SAND comprising coal with occasional cobbles of coal. Material has a slight sheen (MADE GROUND).			
0.90	134.06		Light brown sandy SILT with frequent gravel comprising coal, sandstone and shale (MADE GROUND).			
1.47	133.49		Medium yellowy greyish brown slightly silty SAND with frequent gravel and cobbles comprising shale, sandstone. Clods of soft bright orange silt (MADE GROUND). Soft bright orange SILT. Material is brittle yet cohesive and waxy (MADE GROUND).	1.47-3.40	JJ1	Additional Suite
3.40	131.56		END OF TRIAL PIT			



Trial pit dimensions are approximate.

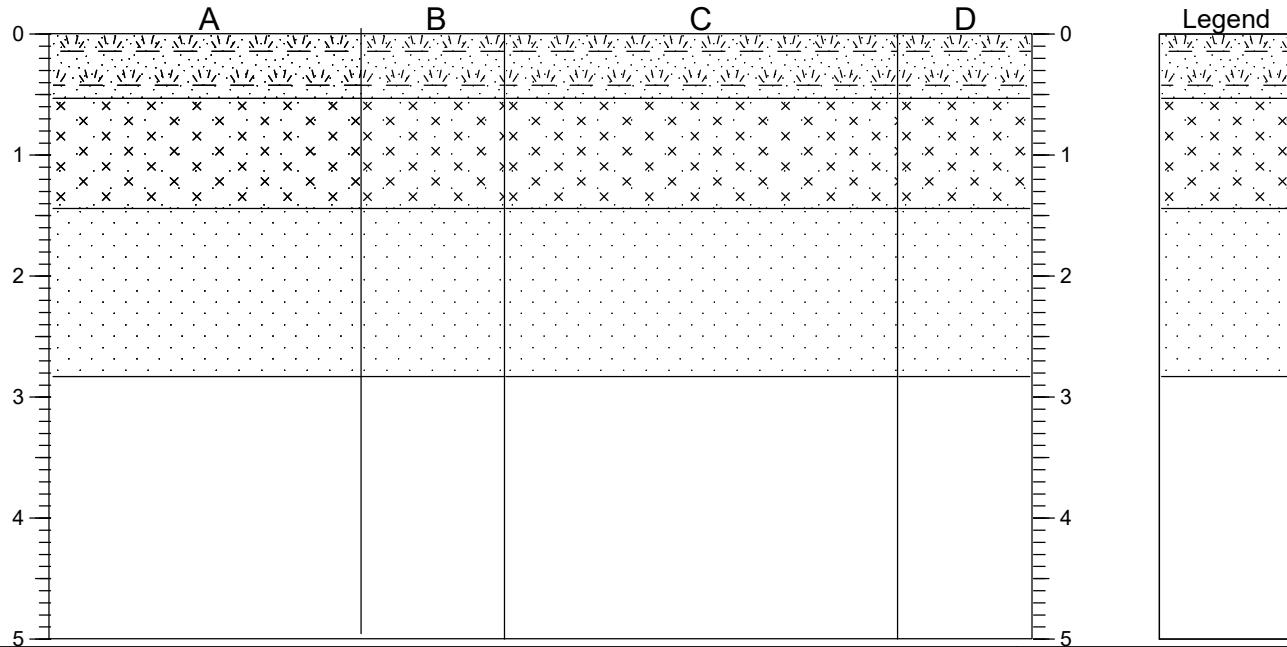
## GENERAL REMARKS

Dry. Backfilled with arisings. Ground level approximated from 24/08/2020 topographical survey NGP/NU/12-20/22157.

All dimensions in metres Scale 1:62.5	Method/ Plant Used Caterpillar 311 C U	Logged By JCO
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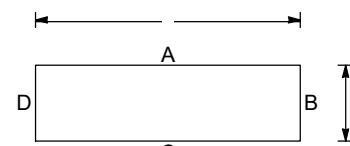
# TRIAL PIT LOG

Project Nutfield Site Investigation	Client HGH consulting	Date 03/03/23
Job No HGH/NU/JRC/20064/01	Ground Level (mAOD) 116.16	Co-Ordinates (NGR) E 530263.000 N 150567.000
Contractor	Location Nutfield	Sheet 1 of 1



STRATA				SAMPLES & TESTS		
Depth	Reduced level	Water Depth	DESCRIPTION	Depth	No	Remarks/Tests
0.53	115.63		Medium brown clayey TOPSOIL with frequent rootlets.			
			Medium yellowy brown slightly clayey sandy SILT with frequent gravel and cobbles comprising sandstone and shale (PROBABLE SANDGATE FORMATION).			
1.44	114.72		Greenish/yellowish grey silty SAND (SANDGATE FORMATION).	1.66-2.80	JJ1	Basic Suite
2.83	113.33		END OF TRIAL PIT			

AGS3 UK TP GL239 NUTFIELD TPS JCO GPJ MJCARTR.GDT 9/8/23



Trial pit dimensions are approximate.

## GENERAL REMARKS

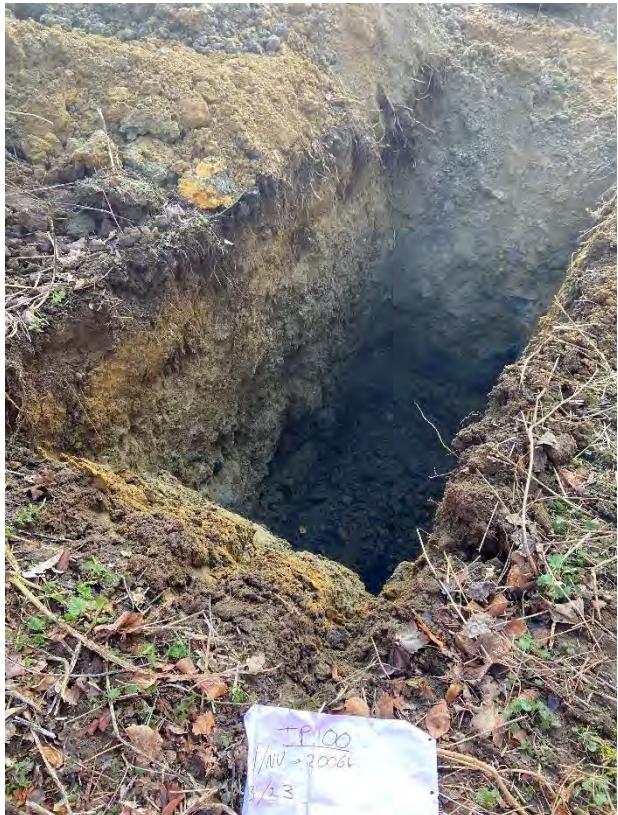
Groundwater encountered at 2.6m depth, trial pit filled with water to this level from the base. Backfilled with arisings. Ground level approximated from 24/08/2020 topographical survey  
NGP/NU/12-20/22157.

All dimensions in metres Scale 1:62.5	Method/ Plant Used Caterpillar 311 C U	Logged By JCO
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**APPENDIX I**

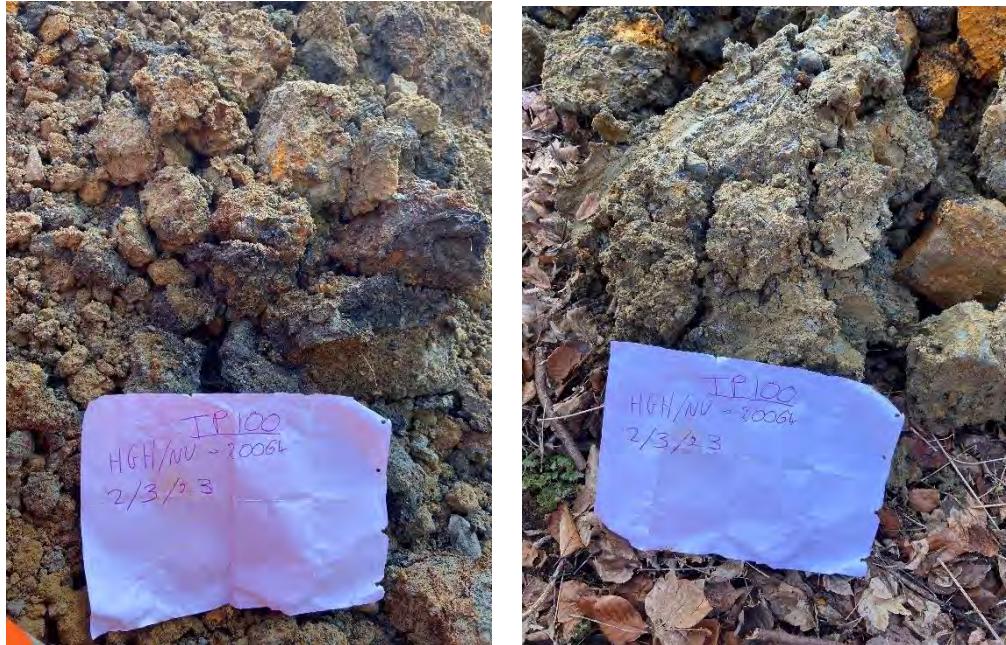
**PHOTOGRAPHS OF THE 2023 TRIAL PITS**

## TP100 – TRIAL PIT PHOTOGRAPHS



## TP100 – STOCKPILE PHOTOGRAPHS

**1.86mbgl – 2.48mbgl**



**2.48mbgl – 2.95mbgl**



## TP101 – TRIAL PIT PHOTOGRAPHS

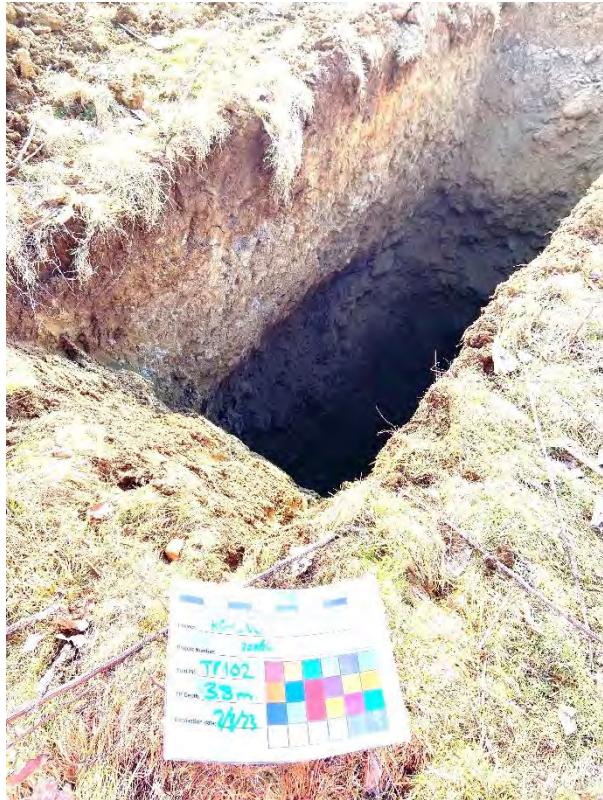


## TP101 – STOCKPILE PHOTOGRAPHS

**0.89mbgl – 2.65mbgl**



## TP102 – TRIAL PIT PHOTOGRAPHS



## TP102 – STOCKPILE PHOTOGRAPHS

**0.3mbgl – 1mbgl**



**1mbgl – 3.8mbgl**



## TP103 – TRIAL PIT PHOTOGRAPHS



## TP103 – STOCKPILE PHOTOGRAPHS

**0.37mbgl – 1.54mbgl**



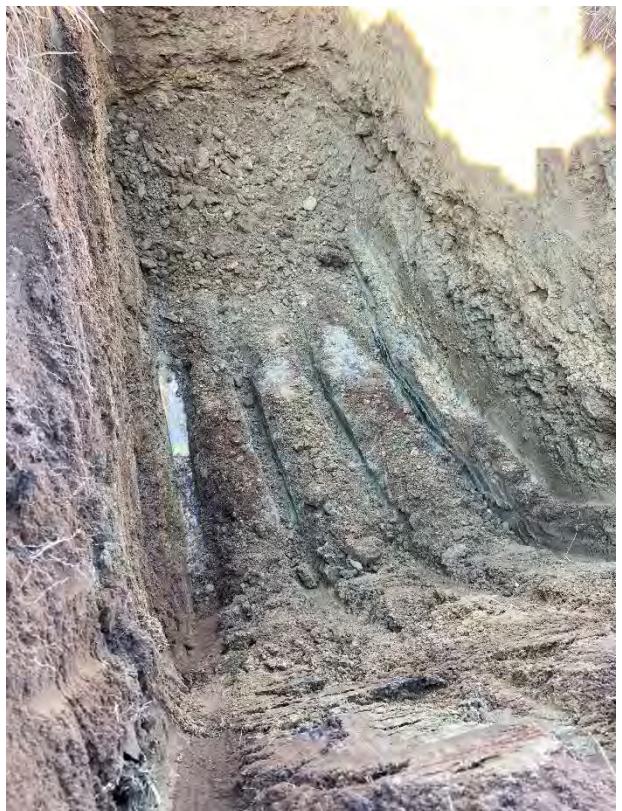
**1.54mbgl – 3.75mbgl**



**3.75mbgl – 4.36mbgl**



## TP104 – TRIAL PIT PHOTOGRAPHS



## TP104 – STOCKPILE PHOTOGRAPHS

1.05mbgl – 1.91mbgl



## TP105 – TRIAL PIT PHOTOGRAPHS



## TP105 – STOCKPILE PHOTOGRAPHS

**0.58mbgl – 1.82mbgl**



**1.82mbgl – 2.3mbgl**



## TP106 – TRIAL PIT PHOTOGRAPHS



## TP106 – STOCKPILE PHOTOGRAPHS

**0.34mbgl – 1.81mbgl**



**1.81mbgl – 2.47mbgl**



## TP107 – TRIAL PIT PHOTOGRAPHS



## TP107 – STOCKPILE PHOTOGRAPHS

**1.43mbgl – 1.82mbgl**



**1.82mbgl – 2.6mbgl**



## TP108 – TRIAL PIT PHOTOGRAPHS



## TP108 – STOCKPILE PHOTOGRAPHS

**0.58mbgl – 1.22mbgl**



**1.22mbgl – 1. 78mbgl**



## TP109 – TRIAL PIT PHOTOGRAPHS



## TP109 – STOCKPILE PHOTOGRAPHS

0.99mbgl – 2.25mbgl



3mbgl – 4.1mbgl



## TP110 – TRIAL PIT PHOTOGRAPHS

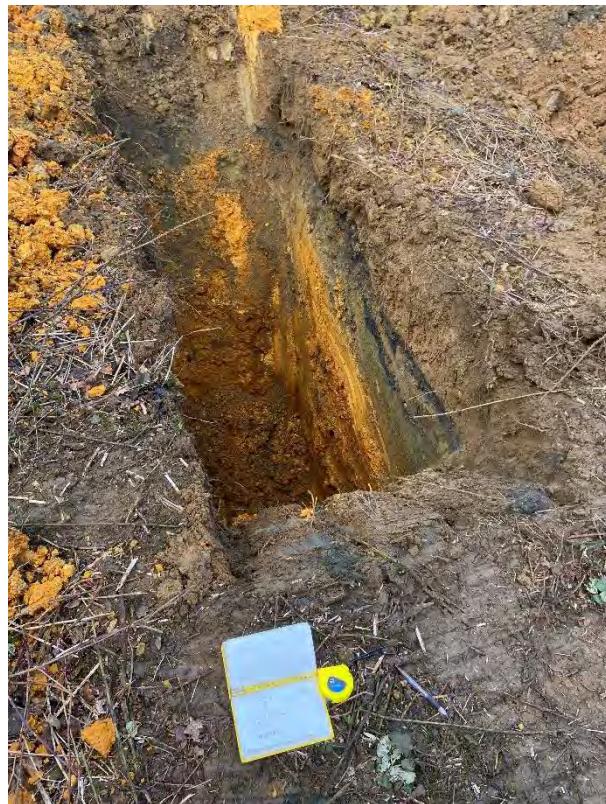


## TP110 – STOCKPILE PHOTOGRAPHS

**1.72mbgl – 2.75mbgl**



## TP111 – TRIAL PIT PHOTOGRAPHS



TP111 – STOCKPILE PHOTOGRAPHS

0.9mbgl – 1.47mbgl



## TP112 – TRIAL PIT PHOTOGRAPHS



TP112 – STOCKPILE PHOTOGRAPHS

1.44mbgl – 2.83mbgl

