



ALLIED EXPLORATION & GEOTECHNICS LIMITED

Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG
Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL

Tel: 0191 387 4700 Fax: 0191 387 4710
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:455108.905 N:521613.046		PRAIRIE_AUK_TP109
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.164	Start Date: 21/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP109.3
PRAIRIE_AUK_TP109 - Spoil





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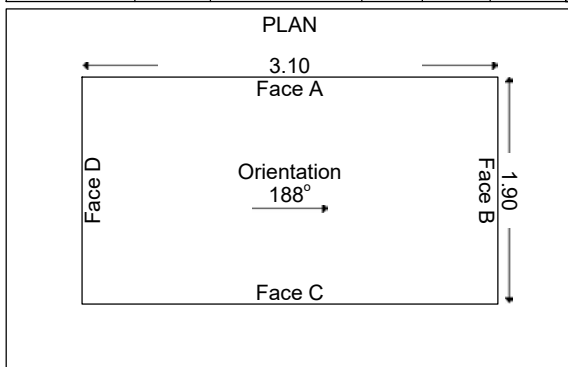
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP110	
Client: South Tees Development Corporation		Location: E:455001.878 N:521603.274	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.856	Start Date: 21/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA						
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description			
0.50 0.50	J1 PID	<0.1ppm	Water	6.76		MADE GROUND (Grey brown sandy gravel with high cobble content. Gravel is fine to coarse subangular and includes red brick, slag and concrete. Slag content is 50-75%. Slag is vesicular green grey white with occasional rust (iron) particles. Cobbles are subangular and include concrete and cemented slag).			
1.00 1.00 1.00	B2 ES3 PID	<0.1ppm				(2.10)	at c.1.00m BGL ... clayey/silty very sandy gravel with medium cobble content.		
1.50 1.50	J4 PID	<0.1ppm				from c.1.50m BGL ... slightly sandy.			
2.00	B5					2.10			
2.50 2.50 2.80	J6 PID ES7	0.3ppm				6.76		MADE GROUND (Soft to firm orange brown mottled grey slightly sandy slightly gravelly clay with fragments of pottery, metal and wood. Gravel is fine to coarse subangular and includes mudstone, coal, slag, coke and red bricks). at c.2.50m BGL ... clay is of high plasticity.	
3.00 3.00 3.00	B8 HSV PID	59 (18)kPa 0.2ppm						(2.40)	
3.50 3.50	J9 PID	<0.1ppm							
4.00 4.00 4.00 4.00 4.50 4.50	B10 ES11 HSV PID J12 PID	49 (12)kPa <0.1ppm 0.1ppm						4.36	4.50



GROUNDWATER
No groundwater inflow observed.

STABILITY
Pit sides and base stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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Client: South Tees Development Corporation	Location: E:455001.878 N:521603.274		PRAIRIE_AUK_TP110
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.856	Start Date: 21/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP110.1
PRAIRIE_AUK_TP110



Figure PRAIRIE_AUK_TP110.2
PRAIRIE_AUK_TP110





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Client: South Tees Development Corporation	Location: E:455001.878 N:521603.274		PRAIRIE_AUK_TP110
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.856	Start Date: 21/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP110.3
PRAIRIE_AUK_TP110 - Spoil





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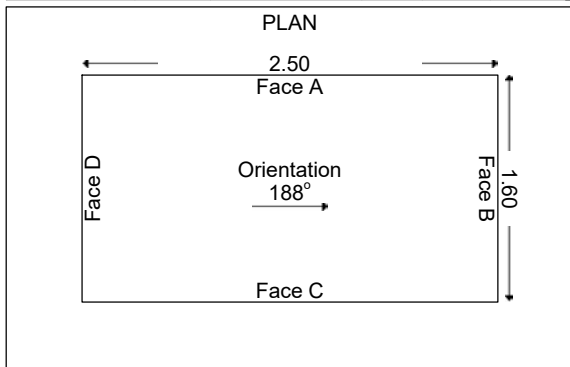
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454901.611 N:521593.473	PRAIRIE_AUK_TP111
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.252	Start Date: 22/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			Water	STRATA			
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	Description
0.40 0.40 0.60	J1 PID B2	<0.1ppm			(0.80)	MADE GROUND (Grass over light brown gravelly sand. Sand is fine to coarse. Gravel is fine to coarse subangular to subrounded and includes red brick, concrete and slag. Slag content is 0-25%. Slag is vesicular grey green white).	
1.00 1.00	J3 PID	0.1ppm			(1.20)	MADE GROUND (Black clayey sandy gravel with medium cobble content and fragments of wood, nails and metal. Sand is fine to coarse. Gravel is fine to coarse subangular to subrounded and includes ash, macadam, red brick, concrete, coke and slag. Cobbles are subangular and include red brick, macadam and concrete. Slag content is 0-25%. Slag is vesicular grey green white).	
1.50 1.50 1.60	ES4 PID B5	0.2ppm			(2.00)		
2.00 2.00	J6 PID	<0.1ppm			(1.20)	Firm to stiff orange brown mottled grey slightly sandy CLAY. at c.2.00m BGL ... clay if of intermediate plasticity.	
2.50 2.60	HSV B7	70 (30)kPa			(3.20)		
3.00 3.00 3.00	J8 HSV PID	101 (32)kPa <0.1ppm				Complete at 3.20m BGL.	



GROUNDWATER
No groundwater inflow observed.

STABILITY
Pit sides and base stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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Client: South Tees Development Corporation	Location: E:454901.611 N:521593.473		PRAIRIE_AUK_TP111
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.252	Start Date: 22/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP111.1
PRAIRIE_AUK_TP111



Figure PRAIRIE_AUK_TP111.2
PRAIRIE_AUK_TP111





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Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.252	Start Date: 22/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP111.3
PRAIRIE_AUK_TP111 - Spoil





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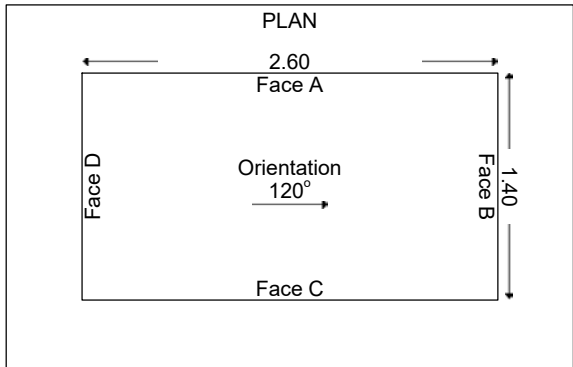
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454830.544 N:521581.112	PRAIRIE_AUK_TP112
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.900	Start Date: 22/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			Water	STRATA			
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	Description
0.50 0.50 0.70	J1 PID B2	<0.1ppm	↓	8.10	[Cross-hatch pattern]	0.80	MADE GROUND (Brown sandy gravel with medium cobble content and fragments of metal, plastic, tin cans and nails. Gravel is fine to coarse subangular and includes red brick, concrete, slag and refractory bricks. Cobbles are subangular and include concrete and yellow brick. Slag content is 0-25%. Slag is vesicular grey green white).
1.00 1.00	J3 PID	<0.1ppm		7.00	[Cross-hatch pattern]	1.90	MADE GROUND (Black clayey/silty very sandy gravel with fragments of metal, nails, plastic and ceramic. Sand is fine to coarse. Gravel is fine to coarse subangular to subrounded and includes ash, red brick, concrete, refractory brick and slag. Slag content is 0-25%. Slag is vesicular grey green white).
1.50 1.50 1.70	ES4 PID B5	<0.1ppm		6.50	[Cross-hatch pattern]	2.40	MADE GROUND (Black gravelly sand. Sand is fine to coarse. Gravel is fine to coarse subangular to subrounded and includes ash and macadam. Hydrocarbon/oily odour noted).
2.00 2.00	J6 PID	0.5ppm		6.20	[Horizontal dashes]	2.70	Firm orange brown mottled grey slightly sandy CLAY.
2.10 2.10 2.30	ES7 PID B8	0.9ppm		5.50	[X marks]	3.40	Soft to firm orange mottled brown slightly sandy silty CLAY. at c.2.70m BGL ... clay is of high plasticity. at c.3.00m BGL ... clay/silt is of intermediate plasticity.
2.30 2.50 2.70	HSV J9 PID	76 (38)kPa <0.1ppm					
2.70 2.70 3.00	J10 PID	<0.1ppm					
3.00 3.10 3.20	HSV B11	56 (24)kPa					
Complete at 3.40m BGL.							



GROUNDWATER
 Water strike at 2.40m BGL.

STABILITY
 Pit sides and base stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454830.544 N:521581.112		PRAIRIE_AUK_TP112
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.900	Start Date: 22/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP112.1
PRAIRIE_AUK_TP112



Figure PRAIRIE_AUK_TP112.2
PRAIRIE_AUK_TP112





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Client: South Tees Development Corporation	Location: E:454830.544 N:521581.112		PRAIRIE_AUK_TP112
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.900	Start Date: 22/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP112.3
PRAIRIE_AUK_TP112 - Spoil





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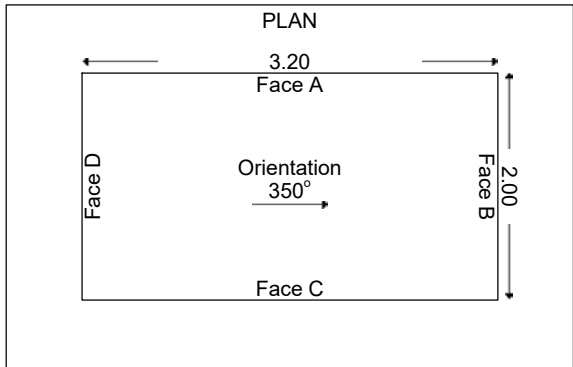
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP113	
Client: South Tees Development Corporation		Location: E:454694.546 N:521566.242	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.160	Start Date: 06/04/2020
		Sheet: 1 of 4	

SAMPLES & TESTS			Water	STRATA						
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	Description			
0.05	J1	<0.1ppm	↓	8.06		0.10	MADE GROUND (Grass over brown sandy topsoil).			
0.05	B2							MADE GROUND (Dark brown gravelly sand with low cobble content. Fragments of metal. Sand is fine to coarse and includes ash. Gravel is fine to coarse subangular and include sandstone, ash, red brick, concrete and slag. Slag content is 0-25%. Cobbles are subangular and include red brick, concrete and slag).		
0.80	J3									
1.10	B4						(2.20)			
1.30	PID							from c. 1.30m BGL ... high cobble and boulder content. Cobbles and boulders are subangular and include concrete, brick and partially fused slag.		
1.30	ES5							at c. 1.50-2.30m BGL ... Faces B and C: White grey sandy gravel. Gravel is fine to coarse subangular to subrounded and includes slag.		
1.80	B6									
2.50	J7	54 (20)kPa				5.86		2.30	MADE GROUND (Firm orange brown slightly sandy slightly gravelly clay). (Possibly Natural Ground).	
2.80	B8						5.16		3.00	at c. 2.50m BGL ... clay is of intermediate plasticity. from c. 2.90m BGL ... Face A: slag or concrete plinth/ledge.
									(0.80)	Firm indistinctly laminated orange brown sandy CLAY with some silty sand lenses with some fine sand on lamination surfaces.
3.50	HSV									
3.50	J9			4.36		3.80				
3.80	B10						Terminated at 3.80m BGL - due to concrete plinth and groundwater ingress.			



GROUNDWATER
Water strike at 1.70m BGL.

STABILITY
Pit sides stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

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TRIAL PIT RECORD

Status:-

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Client: South Tees Development Corporation	Location: E:454694.546 N:521566.242		PRAIRIE_AUK_TP113
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.160	Start Date: 06/04/2020	Sheet: 2 of 4

Figure PRAIRIE_AUK_TP113.1
PRAIRIE_AUK_TP113



Figure PRAIRIE_AUK_TP113.2
PRAIRIE_AUK_TP113





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Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.160	Start Date: 06/04/2020	Sheet: 3 of 4

Figure PRAIRIE_AUK_TP113.3
PRAIRIE_AUK_TP113 - Spoil



Figure PRAIRIE_AUK_TP113.4
PRAIRIE_AUK_TP113 - Reinstatement





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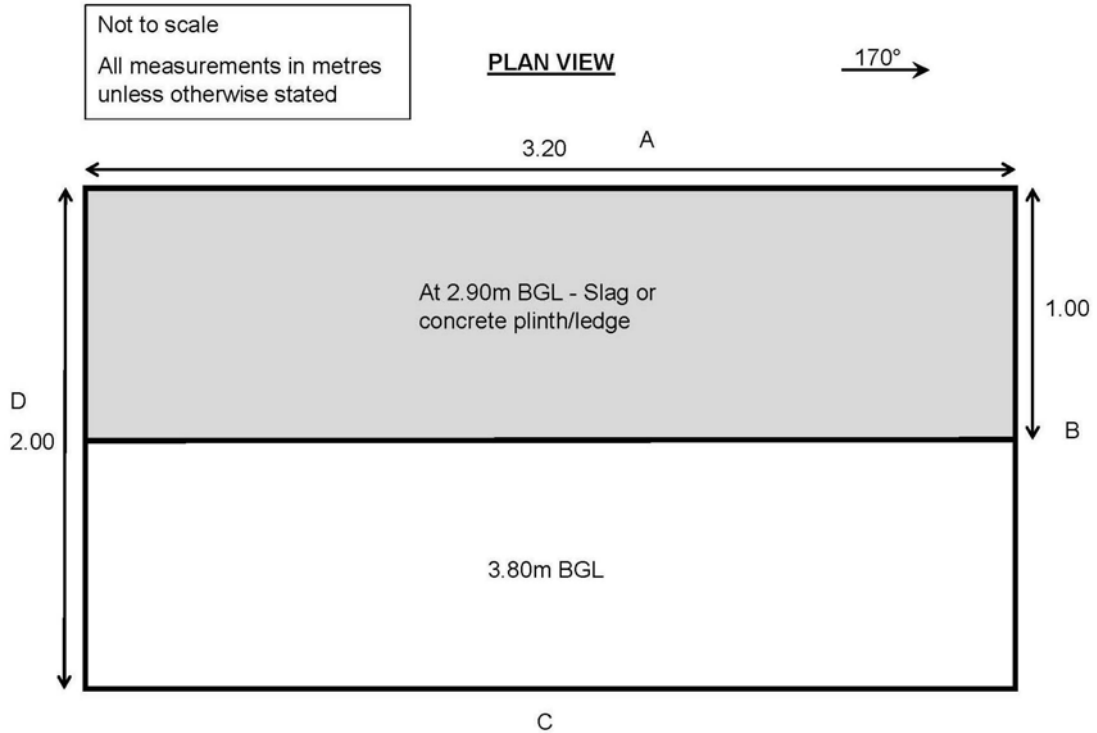
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Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.160	Start Date: 06/04/2020	Sheet: 4 of 4

Figure PRAIRIE_AUK_TP113.5
PRAIRIE_AUK_TP113 Sketch





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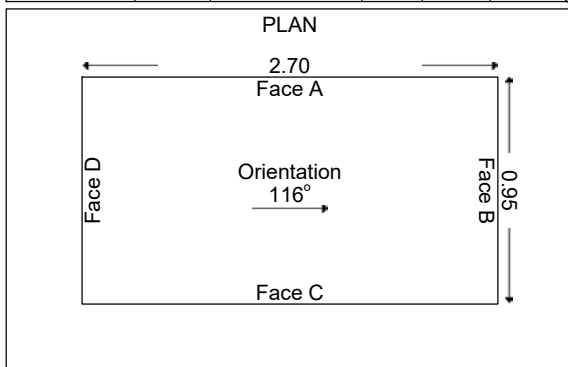
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP114	
Client: South Tees Development Corporation		Location: E:454611.674 N:521563.937	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 7.756	Start Date: 07/04/2020
		Sheet: 1 of 4	

SAMPLES & TESTS			STRATA						
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description		
0.10	J1			7.61		0.15	MADE GROUND (Grass over brown sandy topsoil).		
0.10	B2								MADE GROUND (Black clayey very sandy gravel with fragments glass, metal and tiles. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red brick, refractory brick, ash and concrete).
0.30	J3								
0.40	B4								
0.50	ES5								
0.50	PID	7.2ppm							
0.90	ES6								
0.90	PID	130.0ppm						at c.0.90m BGL ... clay pipe running from Faces C to A, 300mm diameter. Black tar with hydrocarbon odour noted probably from within the pipe.	
1.30	J7						Terminated at 2.00m BGL - due to water ingress and instability.		
1.40	B8								



GROUNDWATER
 Groundwater seepage at 0.50m BGL. Water flowing out of the damaged pipe during excavation.

STABILITY
 Face A unstable from 1.20m BGL.

ADDITIONAL INFORMATION		
Sketch Diagram:	Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454611.674 N:521563.937		PRAIRIE_AUK_TP114
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.756	Start Date: 07/04/2020	Sheet: 2 of 4

Figure PRAIRIE_AUK_TP114.1
PRAIRIE_AUK_TP114



Figure PRAIRIE_AUK_TP114.2
PRAIRIE_AUK_TP114





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Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.756	Start Date: 07/04/2020	Sheet: 3 of 4

Figure PRAIRIE_AUK_TP114.3
PRAIRIE_AUK_TP114 - Spoil



Figure PRAIRIE_AUK_TP114.4
PRAIRIE_AUK_TP114 - Reinstatement





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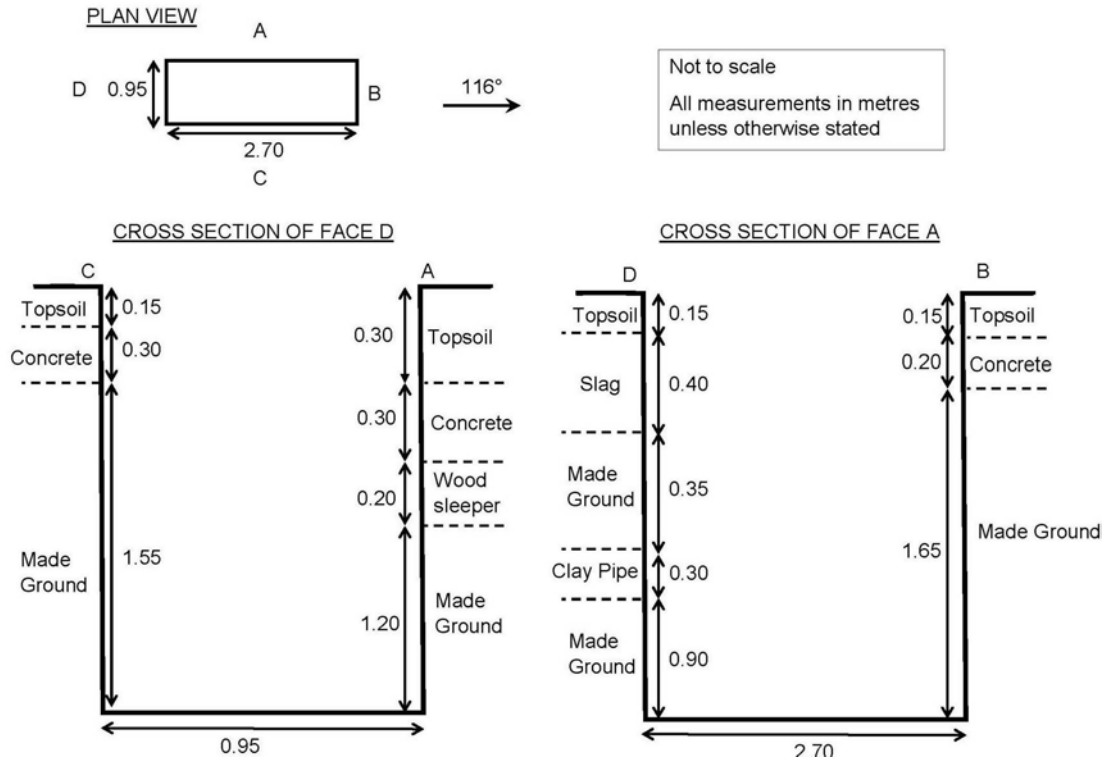
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Client: South Tees Development Corporation	Location: E:454611.674 N:521563.937		PRAIRIE_AUK_TP114
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.756	Start Date: 07/04/2020	Sheet: 4 of 4

Figure PRAIRIE_AUK_TP114.5
 PRAIRIE_AUK_TP114 Sketch





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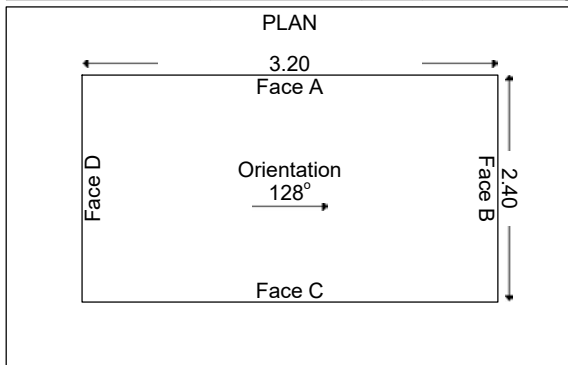
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454493.054 N:521548.834	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 7.843	Start Date: 08/04/2020
		Sheet: 1 of 5	

SAMPLES & TESTS			STRATA					
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description		
0.30	J1		↓ Water	7.44	[Cross-hatched pattern]	MADE GROUND (Dark brown sandy topsoil).		
0.30	B2					(0.40)		
0.50	W9					(0.80)	MADE GROUND (Yellow grey refractory bricks). from c.0.40m BGL ... Face D: concrete wall.	
0.80	B3					6.64	1.20	
1.40	J4							MADE GROUND (Grey slightly clayey very sandy gravel. Gravel is fine to coarse subangular to subrounded and includes ash, red brick and slag. Slag content is 50-75%. Slag is vesicular grey green).
1.70	B5							between 1.20-3.10m BGL ... Face B: firm indistinctly laminated grey sandy silt/clay.
1.90	PID	<0.1ppm						(1.90)
1.90	ES6							
2.00	HSV	25 (8)kPa						
2.40	J7							
2.70	B8			4.74		3.10		
Terminated at 3.10m BGL - due to water ingress.								



GROUNDWATER
 Water strike at 0.30m BGL.

STABILITY
 Side A unstable from c.0.40m BGL.

ADDITIONAL INFORMATION		
Sketch Diagram:	Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS
 (1) Descriptions represent Face C. Refer to following sketches for further details.

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454493.054 N:521548.834		PRAIRIE_AUK_TP115
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.843	Start Date: 08/04/2020	Sheet: 2 of 5

Figure PRAIRIE_AUK_TP115.1
PRAIRIE_AUK_TP115



Figure PRAIRIE_AUK_TP115.2
PRAIRIE_AUK_TP115





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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454493.054 N:521548.834		PRAIRIE_AUK_TP115
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.843	Start Date: 08/04/2020	Sheet: 3 of 5

Figure PRAIRIE_AUK_TP115.3
PRAIRIE_AUK_TP115 - Spoil



Figure PRAIRIE_AUK_TP115.4
PRAIRIE_AUK_TP115 - Reinstatement





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TRIAL PIT RECORD

Status:-
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Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454493.054 N:521548.834		PRAIRIE_AUK_TP115
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.843	Start Date: 08/04/2020	Sheet: 4 of 5

Figure PRAIRIE_AUK_TP115.5
 PRAIRIE_AUK_TP115 Sketch

CROSS SECTION OF FACE A

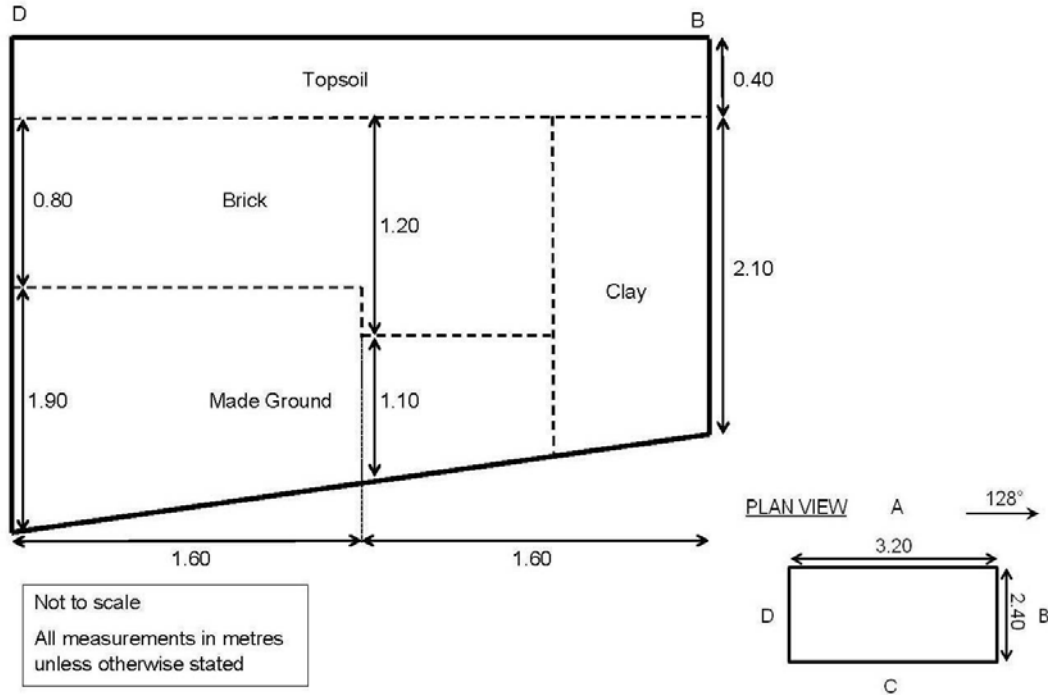
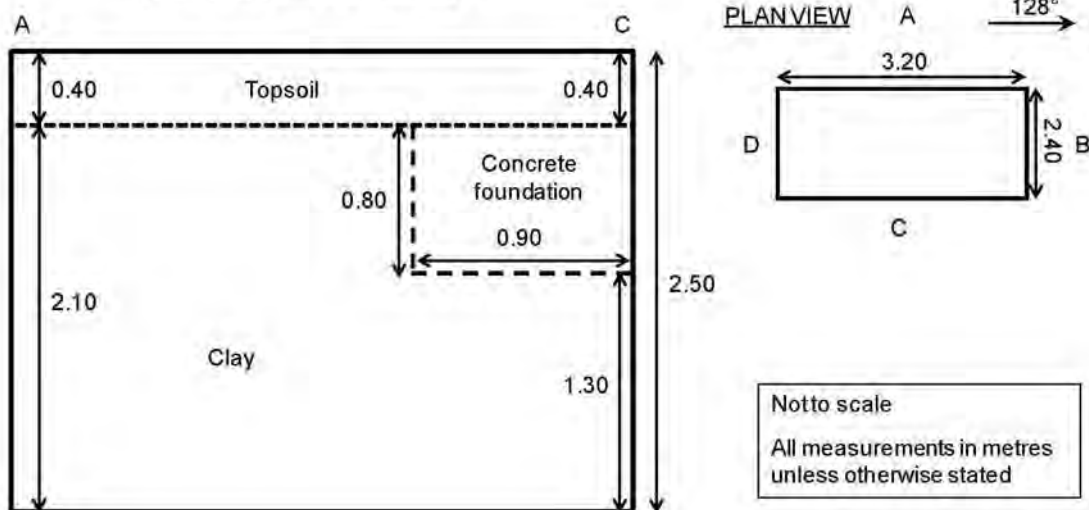


Figure PRAIRIE_AUK_TP115.6
 PRAIRIE_AUK_TP115 Sketch

CROSS SECTION OF FACE B





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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454493.054 N:521548.834		PRAIRIE_AUK_TP115
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.843	Start Date: 08/04/2020	Sheet: 5 of 5

Figure PRAIRIE_AUK_TP115.7
 PRAIRIE_AUK_TP115 Sketch

CROSS SECTION OF FACE C

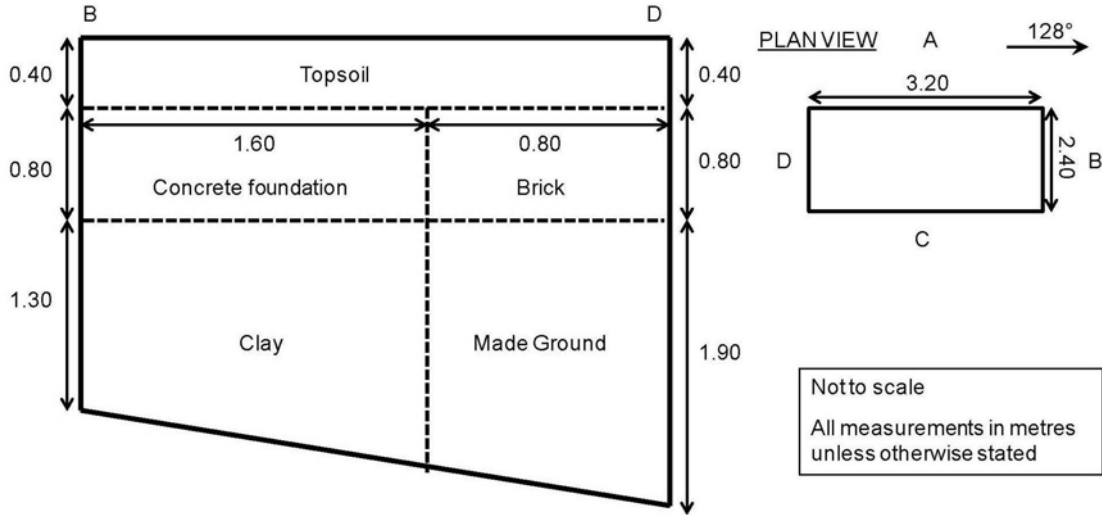
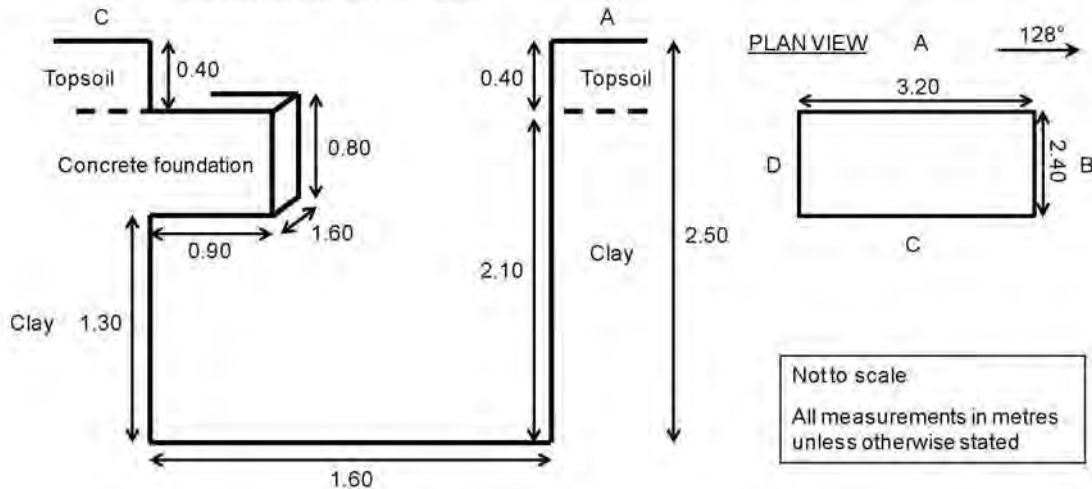


Figure PRAIRIE_AUK_TP115.8
 PRAIRIE_AUK_TP115 Sketch

CROSS SECTION OF FACE D





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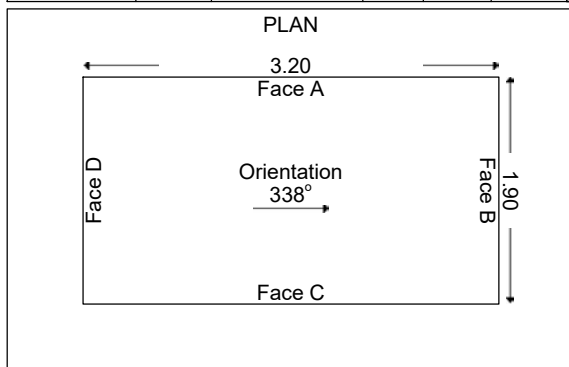
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:455046.603 N:521489.508	PRAIRIE_AUK_TP116
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.842	Start Date: 23/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description
0.50 0.50	J1 PID	5.4ppm			(1.60)	MADE GROUND (Grey brown sandy gravel with medium cobble content. Gravel is fine to coarse subangular to subrounded and includes slag, concrete, red brick and refractory brick. Cobbles are subangular and include slag. Slag content is 50-75%. Slag is vesicular grey green white).
1.00	B2					
1.30 1.30	ES3 PID	7.1ppm		7.24	1.60	
1.50 1.60 1.60	J4 J5 PID	8.8ppm		7.04	1.80	MADE GROUND (Black brown slightly sandy clayey silt. Organic odour noted).
1.70 2.00 2.00	B6 J7 HSV PID	100 (68)kPa <0.1ppm			(1.10)	Firm to stiff orange brown mottled grey slightly sandy CLAY. at c.1.60m BGL ... silt is of intermediate plasticity. at c.2.00m BGL ... clay is of high plasticity.
2.50	B8					
3.00 3.00 3.00	J9 HSV PID	130 kPa <0.1ppm			(1.00)	Stiff to very stiff orange slightly sandy slightly gravelly CLAY with coarse gravel sized pockets of orange sand. Gravel is fine to coarse subangular and includes sandstone, coal, mudstone and siltstone. from c.3.00m BGL ... fissured with grey veins. Clay is of intermediate plasticity.
3.50	B10					
3.90	J11			4.94	3.90	Complete at 3.90m BGL.



GROUNDWATER
No groundwater inflow observed.

STABILITY
Pit sides and base stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:455046.603 N:521489.508		PRAIRIE_AUK_TP116
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.842	Start Date: 23/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP116.1
PRAIRIE_AUK_TP116



Figure PRAIRIE_AUK_TP116.2
PRAIRIE_AUK_TP116





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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation	Location: E:455046.603 N:521489.508		PRAIRIE_AUK_TP116
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.842	Start Date: 23/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP116.3
PRAIRIE_AUK_TP116 - Spoil





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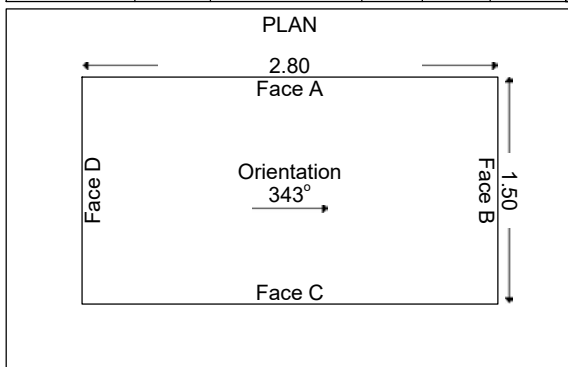
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP117	
Client: South Tees Development Corporation		Location: E:455003.534 N:521496.122	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.653	Start Date: 23/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA							
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description			
0.50 0.50	J1 PID	9.1ppm		6.05		(2.60)	MADE GROUND (Black grey slightly clayey sandy gravel with medium cobble content. Gravel is fine to coarse subangular to subrounded and includes ash, concrete, slag, roadstone, macadam and refractory brick. Cobbles are subangular and include refractory brick, macadam, concrete and cemented slag. Slag content is 75-100%. Slag is vesicular grey green. Sulphurous odour noted).			
1.00 1.20 1.20 1.50	B2 ES3 PID J4	10.4ppm								
2.00 2.00	B5 PID	9.6ppm								
2.50	J6									
2.80 3.00 3.00 3.20	J7 ES8 PID B9	11.1ppm					5.35	(0.70)	MADE GROUND (Grey clayey sandy gravel with coarse gravel sized pockets of firm orange brown mottled grey slightly sandy clay with high cobble content. Gravel is fine to coarse subangular to subrounded and includes red brick, slag and concrete. Slag content is 75-100%. Slag is vesicular grey green white).	
Terminated at 3.30m BGL - due to instability.										



GROUNDWATER
 Groundwater seepage at 2.60m BGL.

STABILITY
 From 1.60m BGL all faces unstable (undermining).

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:455003.534 N:521496.122		PRAIRIE_AUK_TP117
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.653	Start Date: 23/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP117.1
PRAIRIE_AUK_TP117



Figure PRAIRIE_AUK_TP117.2
PRAIRIE_AUK_TP117





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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:455003.534 N:521496.122		PRAIRIE_AUK_TP117
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.653	Start Date: 23/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP117.3
PRAIRIE_AUK_TP117 - Spoil





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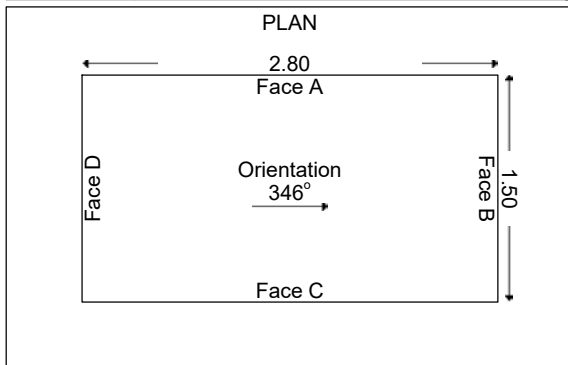
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP118
Client: South Tees Development Corporation	Location: E:454893.854 N:521502.578	
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.581	Start Date: 23/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA					
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description	
0.50	J1			8.48		0.10	MADE GROUND (Grass over topsoil).	
0.50	PID	0.2ppm				(1.30)	MADE GROUND (Brown clayey/silty very sandy gravel with low cobble content and fragments of metal. Sand is fine to coarse. Gravel is fine to coarse subangular to subrounded and includes red brick, concrete, ash, slag and refractory brick. Cobbles are subangular and include red and yellow brick and concrete. Slag content is 0-25%. Slag is vesicular grey green white).	
1.00	B2							
1.20	ES3				7.18		1.40	Firm black brown slightly sandy slightly gravelly CLAY/SILT. Gravel is fine to coarse subangular and includes mudstone. Organic odour noted.
1.20	PID	<0.1ppm						
1.50	J4				6.88		1.70	Firm orange brown mottled grey slightly sandy CLAY. at c.1.50m BGL ... clay/silt if of intermediate plasticity. at c.2.20m BGL ... clay is of high plasticity.
1.60	B5							
1.60	HSV	68 (42)kPa						
1.60	PID	<0.1ppm						
2.20	J6						(1.30)	Firm orange brown mottled grey slightly sandy CLAY. at c.2.20m BGL ... clay is of high plasticity.
2.20	PID	<0.1ppm						
2.50	B7							
2.60	HSV	82 (40)kPa						
				5.58		3.00	Complete at 3.00m BGL.	



GROUNDWATER
Groundwater seepage at 1.40m BGL.

STABILITY
Pit sides and base stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation	Location: E:454893.854 N:521502.578		PRAIRIE_AUK_TP118
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.581	Start Date: 23/04/2020	

Figure PRAIRIE_AUK_TP118.1
PRAIRIE_AUK_TP118



Figure PRAIRIE_AUK_TP118.2
PRAIRIE_AUK_TP118





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TRIAL PIT RECORD

Status:-

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Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation	Location: E:454893.854 N:521502.578		PRAIRIE_AUK_TP118
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.581	Start Date: 23/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP118.3
PRAIRIE_AUK_TP118 - Spoil





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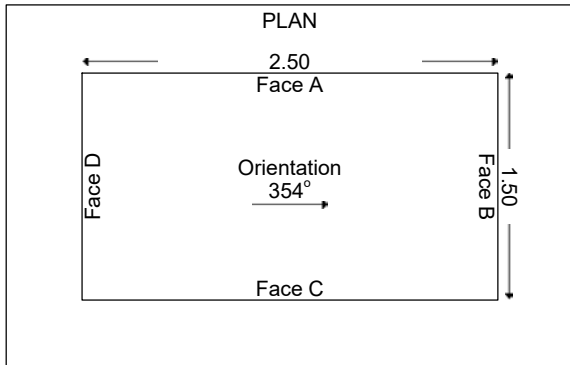
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454801.846 N:521499.669	PRAIRIE_AUK_TP119
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.925	Start Date: 22/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			Water	STRATA			
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	Description
0.50 0.50	J1 PID	<0.1ppm		8.83		0.10	MADE GROUND (Black macadam).
1.00 1.00	B2 PID	<0.1ppm					(2.10)
1.50 1.50	ES3 J4 PID	<0.1ppm					from c. 1.50m BGL ... gravelly sand.
2.00 2.00	B5 PID	<0.1ppm				2.20	at c. 2.00m BGL ... slightly clayey/silty very sandy gravel.
2.50 2.50 2.50 2.50 3.00 3.00	J6 ES7 HSV PID B8 HSV	47 (20)kPa <0.1ppm 65 (22)kPa				(1.00)	Firm orange brown mottled grey slightly sandy CLAY. at c. 2.50m BGL ... clay is of high plasticity.
						5.73	3.20



GROUNDWATER
 Water strike at 2.20m BGL

STABILITY
 Pit sides and base stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454801.846 N:521499.669		PRAIRIE_AUK_TP119
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.925	Start Date: 22/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP119.1
PRAIRIE_AUK_TP119



Figure PRAIRIE_AUK_TP119.2
PRAIRIE_AUK_TP119





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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation	Location: E:454801.846 N:521499.669		PRAIRIE_AUK_TP119
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.925	Start Date: 22/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP119.3
PRAIRIE_AUK_TP119 - Spoil





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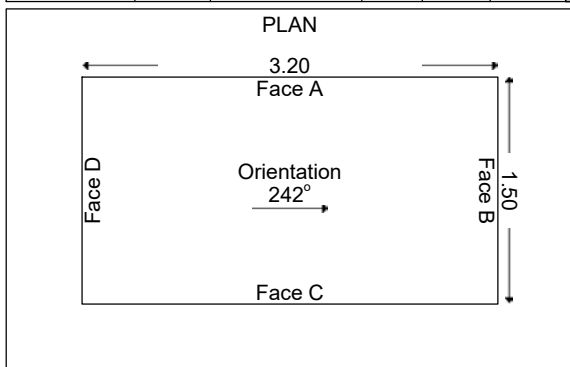
Tel: 0191 387 4700 Fax: 0191 387 4710
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP120
Client: South Tees Development Corporation	Location: E:454697.497 N:521508.611	
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.995	Start Date: 20/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description
0.50 0.50 0.80 1.00 1.00 1.50 1.50	J1 PID B2 ES3 PID J4 PID	<0.1ppm <0.1ppm		6.50		MADE GROUND (Black gravelly sand with low cobble content and fragments of metal. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red brick, ash, concrete and slag. Cobbles are subangular and include concrete. Slag content is 0-25%. Slag is vesicular grey green white). at c.1.50m BGL ... concrete. <i>Terminated at 1.50m BGL - due to concrete obstruction.</i>



GROUNDWATER
 Groundwater seepage at 1.50m BGL.

STABILITY
 Pit sides and base stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454697.497 N:521508.611		PRAIRIE_AUK_TP120
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.995	Start Date: 20/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP120.1
PRAIRIE_AUK_TP120



Figure PRAIRIE_AUK_TP120.2
PRAIRIE_AUK_TP120





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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation	Location: E:454697.497 N:521508.611		PRAIRIE_AUK_TP120
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.995	Start Date: 20/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP120.3
PRAIRIE_AUK_TP120 - Spoil





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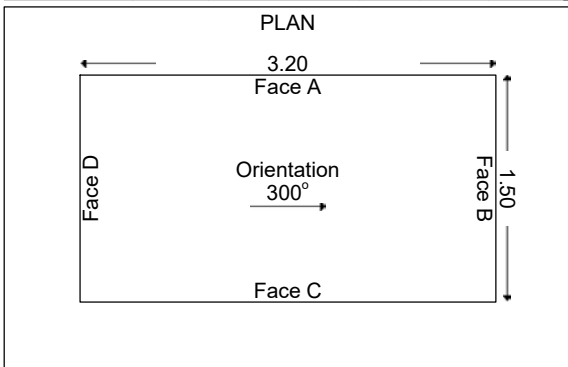
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No. PRAIRIE_AUK_TP120A	
Client: South Tees Development Corporation		Location: E:454697.765 N:521513.778		Sheet: 1 of 3
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 7.878	Start Date: 20/04/2020	

SAMPLES & TESTS			Water	STRATA			
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	Description
0.50 0.50 0.80 1.00 1.00	J1 PID B2 ES3 PID	<0.1ppm	↓	6.58		(1.30)	MADE GROUND (Black clayey very sandy gravel with fragments of metal. Sand is fine to coarse. Gravel is fine to coarse subangular to subrounded and includes red brick, concrete, ash and slag. Slag content is 0-25%. Slag is vesicular grey green white).
1.50 1.50 1.50 1.80	J4 HSV PID B5	62 (22)kPa <0.1ppm				(0.70)	
2.50 2.50 2.50 2.80	J6 HSV PID B7	74 (18)kPa <0.1ppm		5.88		(0.90)	Firm to stiff thinly laminated orange brown mottled grey slightly sandy CLAY with fine yellow brown sand on the laminae.
Complete at 2.90m BGL.							



GROUNDWATER
Water strike at 1.30m BGL

STABILITY
Pit sides and base stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454697.765 N:521513.778		PRAIRIE_AUK_TP120A
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.878	Start Date: 20/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP120A.1
PRAIRIE_AUK_TP120A



Figure PRAIRIE_AUK_TP120A.2
PRAIRIE_AUK_TP120A





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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation		Location: E:454697.765 N:521513.778	PRAIRIE_AUK_TP120A
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.878	Start Date: 20/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP120A.3
PRAIRIE_AUK_TP120A - Spoil





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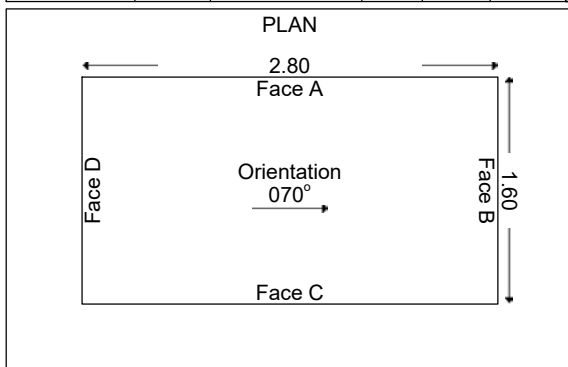
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No. PRAIRIE_AUK_TP121		
Client: South Tees Development Corporation		Location: E:454597.680 N:521503.836		Sheet: 1 of 3	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.213	Start Date: 09/04/2020		

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.40	J1		↓ Water		[Cross-hatched pattern]	0.90	MADE GROUND (Brown clayey very sandy gravel. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red brick and slag. Slag content is 0-25%. Slag is vesicular grey green white).
0.80	B2			7.31		0.90	MADE GROUND (Blue grey sandy gravel. Gravel is fine to coarse subangular to subrounded and includes slag. Slag content is 75-100%. Slag is vesicular. Slight hydrocarbon odour noted). from c.1.20m BGL ... low cobble content. Cobbles are subangular and include slag.
1.20	J3						
1.50	PID	<0.1ppm					
1.50	ES4						
1.80	B5						
2.20	J6						
2.80	B7						
3.20	J8						
3.80	B9						
4.20	J10						
4.50	B11			3.71		4.50	Complete at 4.50m BGL.



GROUNDWATER
 Water strike at 0.90m BGL.

STABILITY
 Pit sides stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454597.680 N:521503.836		PRAIRIE_AUK_TP121
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.213	Start Date: 09/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP121.1
PRAIRIE_AUK_TP121



Figure PRAIRIE_AUK_TP121.2
PRAIRIE_AUK_TP121





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TRIAL PIT RECORD

Status:-

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Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation		Location: E:454597.680 N:521503.836	PRAIRIE_AUK_TP121
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.213	Start Date: 09/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP121.3
PRAIRIE_AUK_TP121 - Spoil





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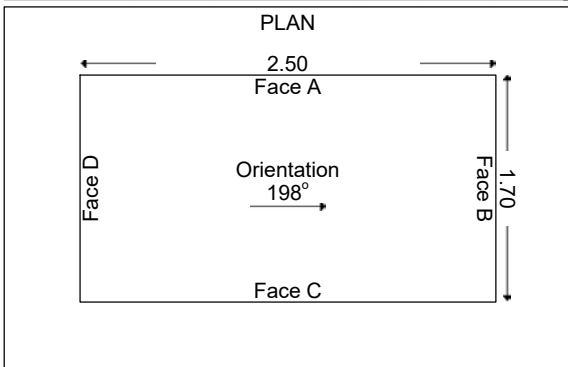
Tel: 0191 387 4700 Fax: 0191 387 4710
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TRIAL PIT RECORD

Status:-
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Project: Prairie Site Ground Investigation Works			Exploratory Hole No. PRAIRIE_AUK_TP122	
Client: South Tees Development Corporation		Location: E:454506.312 N:521498.464		Sheet: 1 of 3
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 7.802	Start Date: 08/04/2020	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description	
0.40	J1					MADE GROUND (Black sandy gravel with high cobble content and fragments of wood and metal, pipes and wood sleeper. Gravel is fine to coarse subangular to subrounded and includes red brick, refractory brick, slag and concrete. Slag content is 0-25%. Slag is vesicular grey green white. Slight hydrocarbon odour noted).	
0.80	B2						(1.20)
1.00	PID	<0.1ppm			6.60	1.20	Terminated at 1.20m BGL - due to fast water ingress.
1.00	ES3						



GROUNDWATER
 Water strike at 0.30m BGL (Heavy inflow).

STABILITY
 Pit sides stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation	Location: E:454506.312 N:521498.464		PRAIRIE_AUK_TP122
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.802	Start Date: 08/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP122.1
PRAIRIE_AUK_TP122



Figure PRAIRIE_AUK_TP122.2
PRAIRIE_AUK_TP122





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TRIAL PIT RECORD

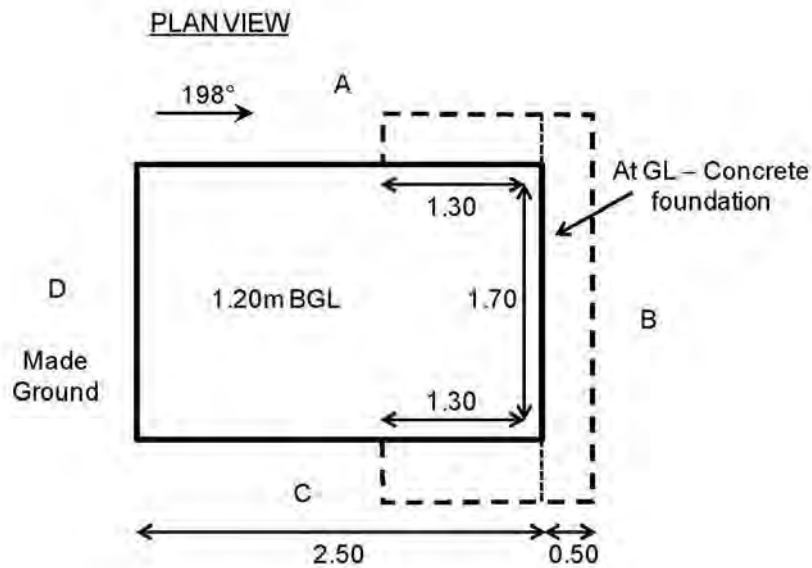
Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454506.312 N:521498.464		PRAIRIE_AUK_TP122
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.802	Start Date: 08/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP122.3
 PRAIRIE_AUK_TP122 - Spoil



Figure PRAIRIE_AUK_TP122.4
 PRAIRIE_AUK_TP122 Sketch



Notto scale
 All measurements in metres
 unless otherwise stated



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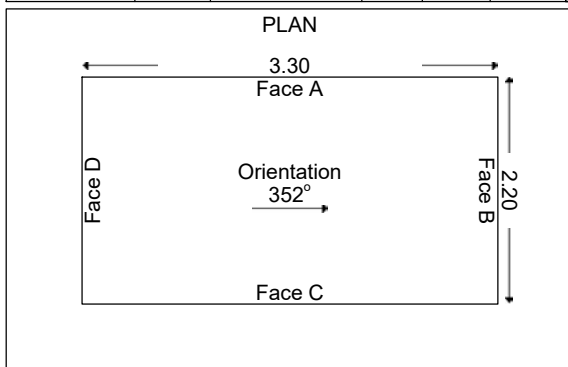
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP123	
Client: South Tees Development Corporation		Location: E:454400.354 N:521497.995	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.155	Start Date: 08/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA					
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description	
0.30	J1	<0.1ppm	↓		[Cross-hatch pattern]	(0.80)	MADE GROUND (Brown sandy gravel with high cobble content. Gravel is fine to coarse subangular and includes slag, concrete, macadam and red and yellow brick. Slag content is 0-25%. Slag is vesicular grey green white. Cobbles include bricks).	
0.50	B2			7.36		0.80		
0.60	PID					[Cross-hatch pattern]	(2.00)	MADE GROUND (Red and yellow refractory bricks). (Engineer notes bricks are stacked - possible structure).
0.60	ES3						5.36	
1.50	B4						Terminated at 2.80m BGL - due to brick structure.	



GROUNDWATER
 Water strike at 0.60m BGL.

STABILITY
 Pit sides stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454400.354 N:521497.995		PRAIRIE_AUK_TP123
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.155	Start Date: 08/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP123.1
PRAIRIE_AUK_TP123



Figure PRAIRIE_AUK_TP123.2
PRAIRIE_AUK_TP123





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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454400.354 N:521497.995		PRAIRIE_AUK_TP123
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.155	Start Date: 08/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP123.3
PRAIRIE_AUK_TP123 - Spoil





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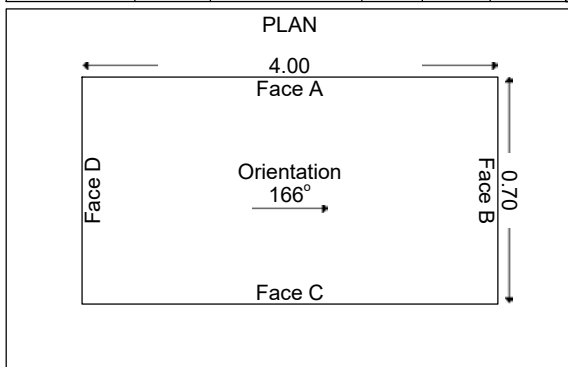
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP124	
Client: South Tees Development Corporation		Location: E:454306.625 N:521454.373	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.269	Start Date: 08/04/2020
		Sheet: 1 of 4	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.10 0.20	J1 B2			7.97	[Cross-hatch pattern]	0.30	MADE GROUND (Black sandy topsoil).
1.00	J3				[Cross-hatch pattern]	1.40	MADE GROUND (Grey black clayey very gravelly sand with fragments of metal and plastic. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red brick, concrete, ash and sandstone).
1.50 1.50 1.50	PID B4 ES5	<0.1ppm		6.57	[Cross-hatch pattern]	1.70	
2.00 2.20	J6 HSV	32 (20)kPa			[Horizontal line pattern]	1.30	Firm indistinctly laminated orange brown mottled grey slightly sandy CLAY. at c.2.00m BGL ... clay is of high plasticity.
2.50 2.50 2.50	PID B7 ES8	<0.1ppm		5.27	[Horizontal line pattern]	3.00	Complete at 3.00m BGL.



GROUNDWATER
 No groundwater inflow observed.

STABILITY
 Pit sides stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454306.625 N:521454.373		PRAIRIE_AUK_TP124
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.269	Start Date: 08/04/2020	Sheet: 2 of 4

Figure PRAIRIE_AUK_TP124.1
PRAIRIE_AUK_TP124



Figure PRAIRIE_AUK_TP124.2
PRAIRIE_AUK_TP124





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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454306.625 N:521454.373		PRAIRIE_AUK_TP124
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.269	Start Date: 08/04/2020	Sheet: 3 of 4

Figure PRAIRIE_AUK_TP124.3
PRAIRIE_AUK_TP124 - Spoil



Figure PRAIRIE_AUK_TP124.4
PRAIRIE_AUK_TP124 - Spoil





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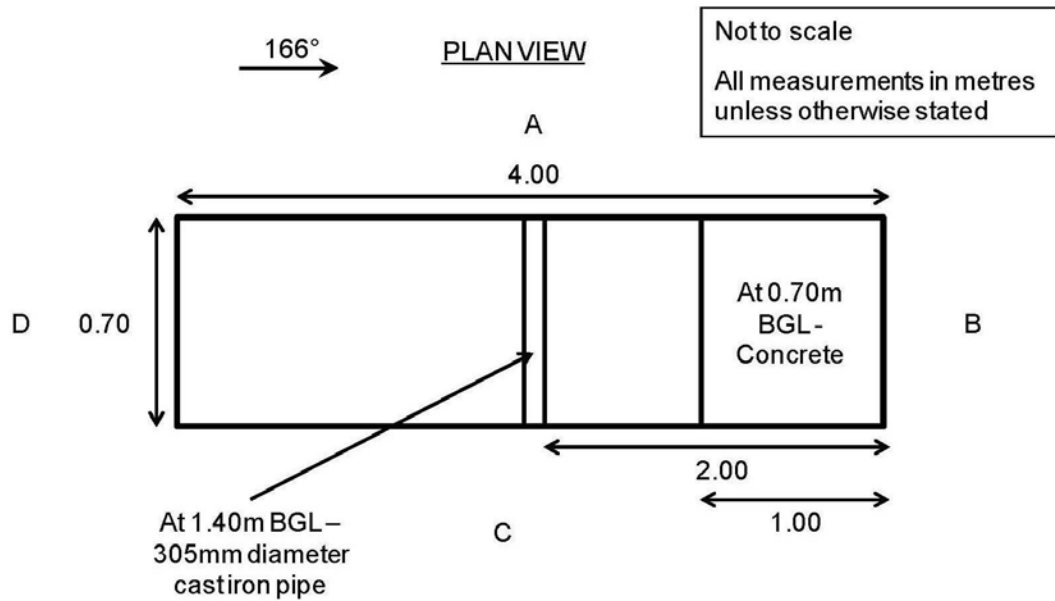
TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454306.625 N:521454.373		PRAIRIE_AUK_TP124
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.269	Start Date: 08/04/2020	Sheet: 4 of 4

Figure PRAIRIE_AUK_TP124.5
PRAIRIE_AUK_TP124 Sketch





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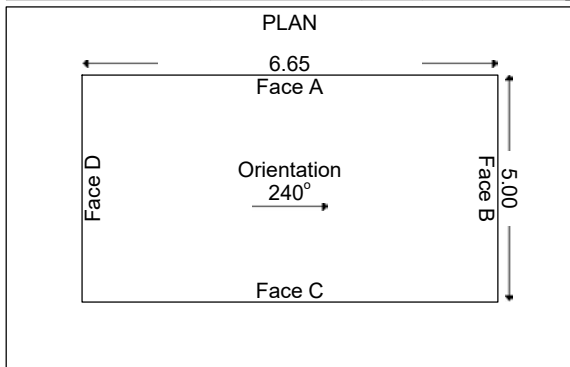
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No. PRAIRIE_AUK_TP125	
Client: South Tees Development Corporation		Location: E:454246.923 N:521423.879		Sheet: 1 of 2
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.473	Start Date: 09/04/2020	

SAMPLES & TESTS			Water	STRATA			
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	Description
			8.27	XXXXXX	0.20	MADE GROUND (Strong grey concrete). <i>Terminated at 0.20m BGL - due to concrete obstruction.</i>	



GROUNDWATER
No groundwater inflow observed.

STABILITY
Pit sides and base stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS
(1) No samples taken.

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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Tel: 0191 387 4700 Fax: 0191 387 4710
 Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

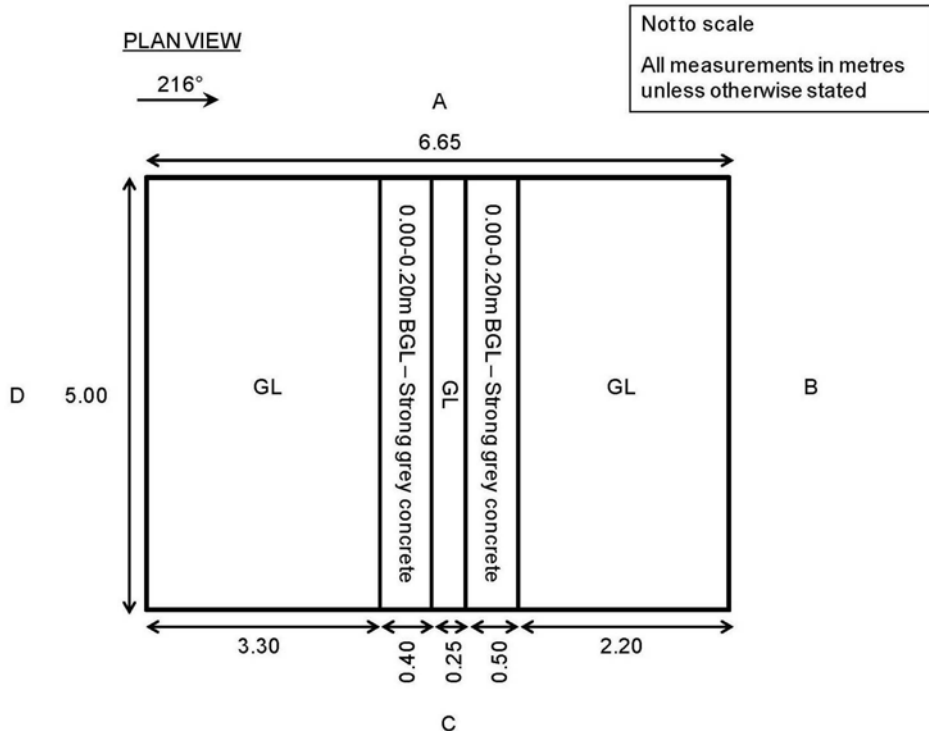
Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454246.923 N:521423.879		PRAIRIE_AUK_TP125
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.473	Start Date: 09/04/2020	Sheet: 2 of 2

Figure PRAIRIE_AUK_TP125.1
 PRAIRIE_AUK_TP125



Figure PRAIRIE_AUK_TP125.2
 PRAIRIE_AUK_TP125 Sketch





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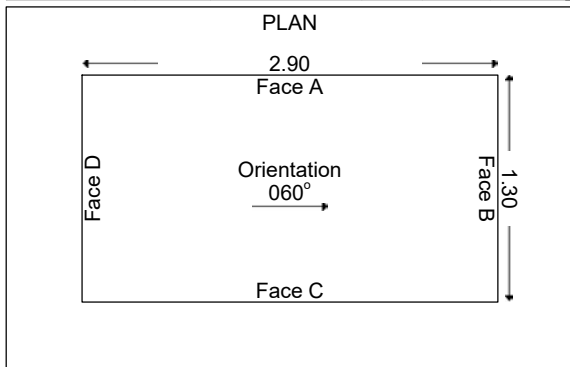
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP125A	
Client: South Tees Development Corporation		Location: E:454257.923 N:521427.282	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.619	Start Date: 09/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.10 0.20	J1 B2			8.22	[Cross-hatched pattern]	0.40	MADE GROUND (Brown gravelly sand. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red brick, concrete, macadam and ash).
				7.42		0.80	MADE GROUND (Concrete structure infilled with gravel (20mm)).
						1.20	at c.1.20m BGL ... concrete base. Terminated at 1.20m BGL - due to concrete base.



GROUNDWATER
No groundwater inflow observed.

STABILITY
Pit sides stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: K. Russell-Clamp	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454257.923 N:521427.282		PRAIRIE_AUK_TP125A
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.619	Start Date: 09/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP125A.1
PRAIRIE_AUK_TP125a



Figure PRAIRIE_AUK_TP125A.2
PRAIRIE_AUK_TP125a





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TRIAL PIT RECORD

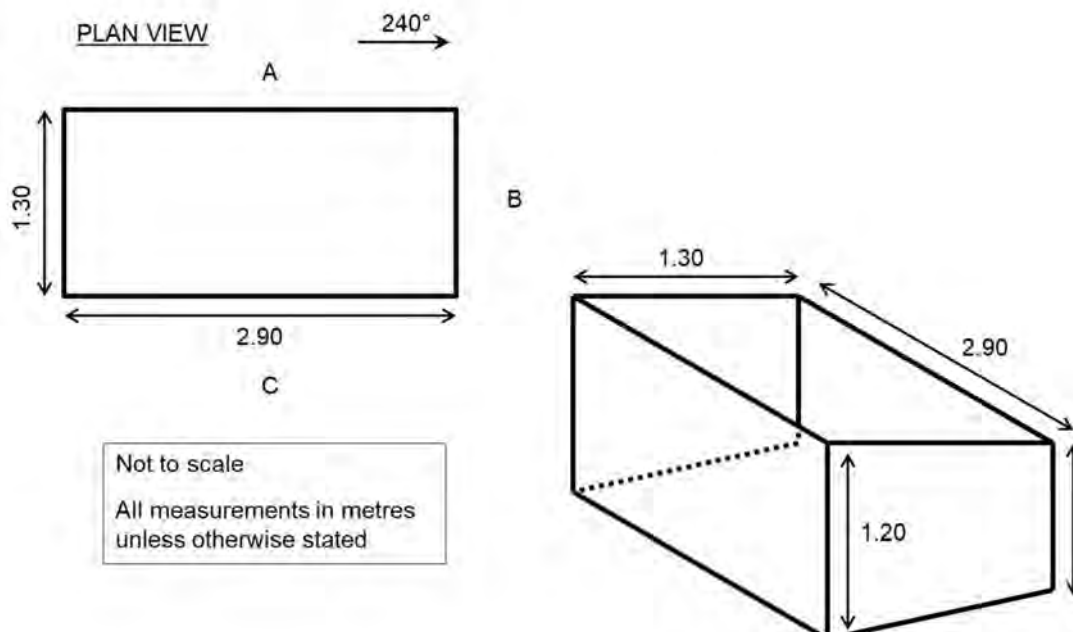
Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454257.923 N:521427.282		PRAIRIE_AUK_TP125A
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.619	Start Date: 09/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP125A.3
PRAIRIE_AUK_TP125A - Spoil



Figure PRAIRIE_AUK_TP125A.4
PRAIRIE_AUK_TP125A Sketch





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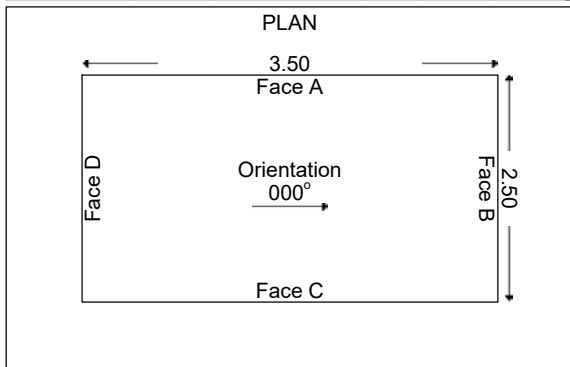
Tel: 0191 387 4700 Fax: 0191 387 4710
 Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454177.949 N:521411.231	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.749	Start Date: 17/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.20 0.40	J1 B2			8.25		(0.50) 0.50	MADE GROUND (Brown black red sandy gravel with fragments of wood and metal. Sand is fine to coarse. Gravel is fine to coarse subangular and includes ash, clinker and slag. Slag content is 0-25%). at c.0.50m BGL ... top of concrete obstruction. Possible walls of subsurface structure.
1.40 1.80	J3 B4					(2.20)	MADE GROUND (Brown black red and yellow gravel, cobbles and boulders with fragments of metal. Gravel is fine to coarse angular to subangular and includes slag and red and yellow brick. Slag content is 0-25%. Slag is vesicular grey green. Cobbles are angular and include 50-75% vesicular grey green slag. Boulders are angular and include 50-75% vesicular grey green slag). between c.0.50-2.70m BGL ... concrete structure surrounds the north and east faces of pit.
2.60 2.60	ES5 PID	0.2ppm		6.05		2.70	at c.2.70m BGL ... concrete obstruction - pit extended west. <i>Terminated at 2.70m BGL - due to concrete obstruction.</i>



GROUNDWATER
 Slight groundwater seepage (water perched on concrete base) at 2.70m BGL.

STABILITY
 Pit sides and base unstable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	Sketch Taken	
Photographs:	Yes	See additional sheets.

GENERAL REMARKS
 (1) Trial pit extended west by 2.00m due to concrete obstruction at 0.50m BGL.

All dimensions in metres Scale 1:50	For explanation of symbols and abbreviations see Key Sheets	Checked by: <i>K.W</i>	Logged by: D. Portsmouth	Contract No. 4251
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