



ALLIED EXPLORATION & GEOTECHNICS LIMITED

Head Office:
Regional Office:

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

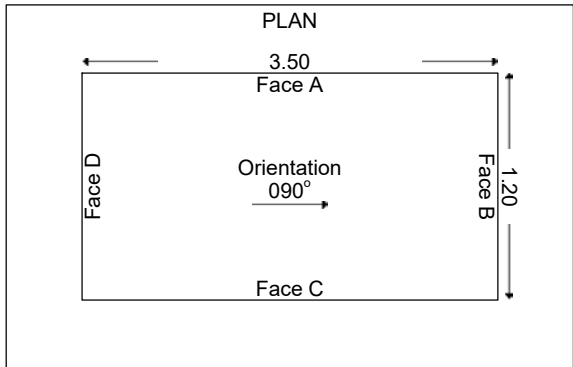
Tel: 0191 387 4700 Fax: 0191 387 4710
Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454696.705 N:521187.080	PRAIRIE_AUK_TP155
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.536	Start Date: 21/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.40	J1	1.8ppm	☞	9.34	[Cross-hatched pattern]	0.20	MADE GROUND (Grey sandy gravel with many rootlets and fragments of metal and wood. Sand is fine to coarse. Gravel is fine to coarse subangular and includes sandstone, concrete and slag. Slag content is 25-50%. Slag is vesicular grey).
0.40	PID			9.24		0.30	
0.50	B2	0.1ppm	☞	8.74	[Horizontal line pattern]	0.80	MADE GROUND (Compacted slag recovered as brown cobbles. Cobbles are angular and include slag. Slag content is 50-75%. Slag is grey dark blue iron rich).
0.70	ES3						
1.00	PID	<0.1ppm	☞		[Horizontal line pattern]	(1.40)	MADE GROUND (Brown slightly clayey sandy gravel with fragments of metal. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, clinker and coke).
1.20	J4						
1.50	PID	<0.1ppm	☞		[Horizontal line pattern]	2.20	Firm grey brown slightly sandy silty CLAY. Sand is fine to medium. Engineer notes grading to interlaminated silt and clay with depth. at c.1.20m BGL ... clay is of intermediate plasticity.
1.60	B5						
2.20	J6			7.34			Complete at 2.20m BGL.



GROUNDWATER
Saturated strata at 0.80m BGL (slight inflow).

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: D. Portsmouth	Contract No. 4251
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TRIAL PIT RECORD

Status:-

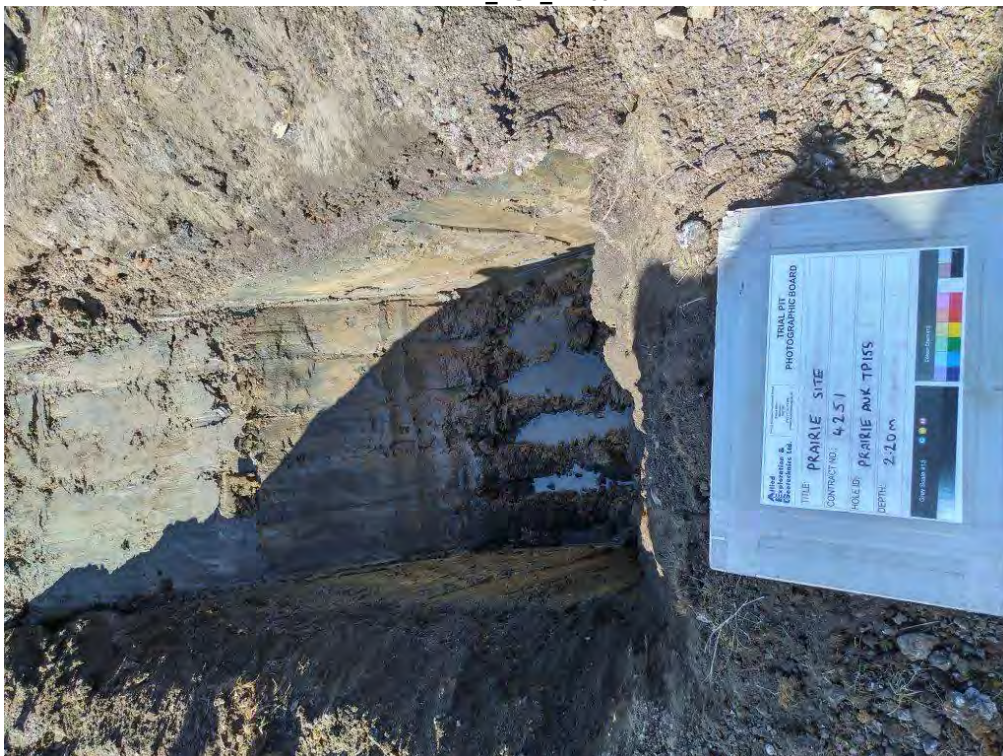
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation	Location: E:454696.705 N:521187.080		PRAIRIE_AUK_TP155
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.536	Start Date: 21/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP155.1
PRAIRIE_AUK_TP155



Figure PRAIRIE_AUK_TP155.2
PRAIRIE_AUK_TP155





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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:454696.705 N:521187.080		PRAIRIE_AUK_TP155
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.536	Start Date: 21/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP155.3
PRAIRIE_AUK_TP155 - Spoil



Figure PRAIRIE_AUK_TP155.4
PRAIRIE_AUK_TP155 - Spoil





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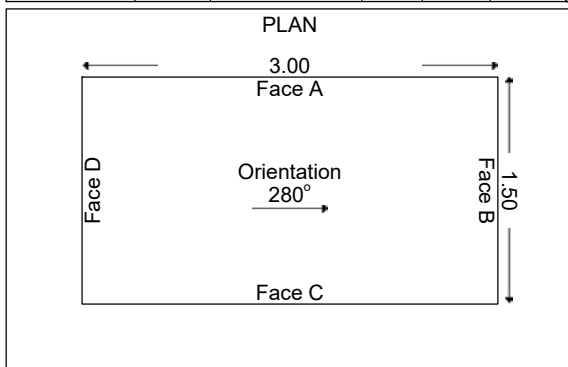
Tel: 0191 387 4700 Fax: 0191 387 4710
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP156	
Client: South Tees Development Corporation		Location: E:454622.162 N:521209.315	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.945	Start Date: 14/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
			↓	8.35		0.60	MADE GROUND (Black clayey sandy gravel with medium cobble content and fragments of wood and metal. Gravel is fine to coarse subangular to subrounded and includes red brick, concrete and slag. Cobbles are subangular and include concrete. Slag content is 0-25%. Slag is vesicular grey green white). at c.0.60m BGL ... concrete. <i>Terminated at 0.60m BGL - due to concrete base.</i>



GROUNDWATER
 Water strike at 0.60m BGL.

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.
 (2) Relocated to PRAIRIE_AUK_TP156A.

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:454622.162 N:521209.315		PRAIRIE_AUK_TP156
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.945	Start Date: 14/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP156.1
PRAIRIE_AUK_TP156



Figure PRAIRIE_AUK_TP156.2
PRAIRIE_AUK_TP156





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TRIAL PIT RECORD

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Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454622.162 N:521209.315		PRAIRIE_AUK_TP156
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.945	Start Date: 14/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP156.3
PRAIRIE_AUK_TP156 - Spoil





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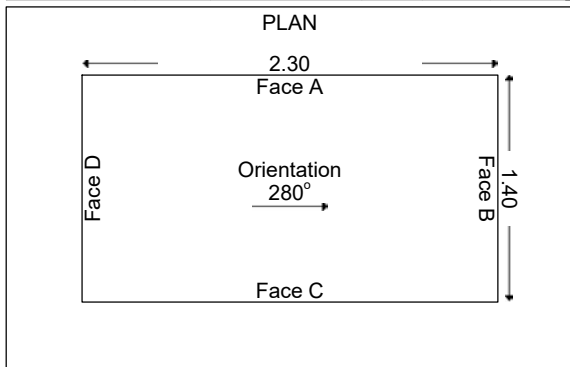
Tel: 0191 387 4700 Fax: 0191 387 4710
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454619.192 N:521200.662	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.863	Start Date: 14/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			Water	STRATA			
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	Description
0.10	J1					0.60	MADE GROUND (Black gravelly sand. Sand is fine to coarse. Gravel is fine to coarse subangular and includes ash, macadam, concrete).
0.30	ES2					0.60	
0.30	PID	<0.1ppm		8.26		0.60	MADE GROUND (Strong dark grey fine grained concrete or slag).
0.50	B3					0.80	
0.70	B4			8.06		0.80	Firm orange brown mottled grey slightly sandy CLAY. at c.1.10m BGL .. clay is of low plasticity.
1.00	HSV	102 (40)kPa				1.70	
1.10	J5					1.70	
1.50	B6					1.70	Complete at 2.50m BGL.
2.00	HSV	99 (38)kPa				2.50	
2.10	J7			6.36		2.50	



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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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454619.192 N:521200.662		PRAIRIE_AUK_TP156A
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.863	Start Date: 14/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP156A.1
PRAIRIE_AUK_TP156A



Figure PRAIRIE_AUK_TP156A.2
PRAIRIE_AUK_TP156A





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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:454619.192 N:521200.662	PRAIRIE_AUK_TP156A
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.863	Start Date: 14/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP156A.3
PRAIRIE_AUK_TP156A - Spoil





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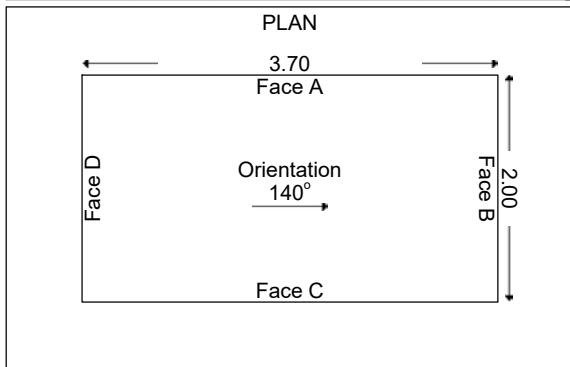
Tel: 0191 387 4700 Fax: 0191 387 4710
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No. PRAIRIE_AUK_TP157	
Client: South Tees Development Corporation		Location: E:454503.120 N:521204.274		Sheet: 1 of 3
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.742	Start Date: 17/04/2020	

SAMPLES & TESTS			STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description
0.50	J1					MADE GROUND (Brown gravelly sand with low cobble content and fragments of metal, girders, metal pipe, metal rope and metal sheets. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red brick, concrete and slag. Cobbles are subangular and include concrete. Slag content is 0-25%. Slag is vesicular grey green white). at c.1.10m BGL ... concrete. <i>Terminated at 1.10m BGL - due to concrete base.</i>
0.80	ES2					
0.80	PID	<0.1ppm		7.64		
1.00	B3					



GROUNDWATER
 Damp at 1.10m BGL.

STABILITY
 Pit sides and base stable throughout excavation.

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

GENERAL REMARKS
 (1) Relocated to PRAIRIE_AUK_TP157A.

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:454503.120 N:521204.274		PRAIRIE_AUK_TP157
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.742	Start Date: 17/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP157.1
PRAIRIE_AUK_TP157



Figure PRAIRIE_AUK_TP157.2
PRAIRIE_AUK_TP157





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TRIAL PIT RECORD

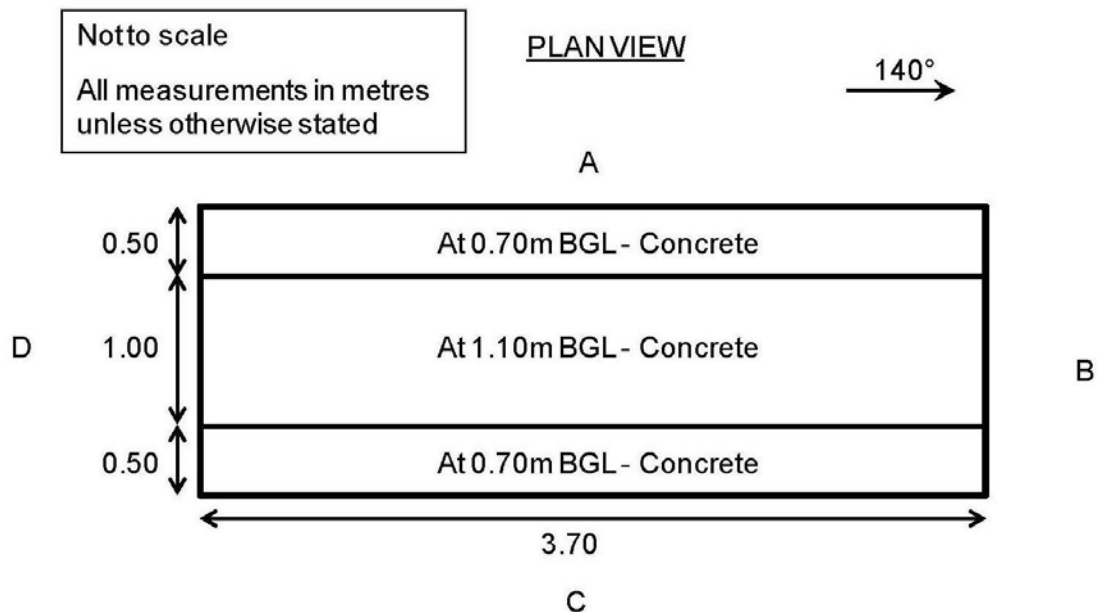
Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454503.120 N:521204.274		PRAIRIE_AUK_TP157
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.742	Start Date: 17/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP157.3
PRAIRIE_AUK_TP157 - Spoil



Figure PRAIRIE_AUK_TP157.4
PRAIRIE_AUK_TP157 Sketch





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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:454497.482 N:521205.005		PRAIRIE_AUK_TP157A
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.784	Start Date: 17/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP157A.1
PRAIRIE_AUK_TP157A



Figure PRAIRIE_AUK_TP157A.2
PRAIRIE_AUK_TP157A





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TRIAL PIT RECORD

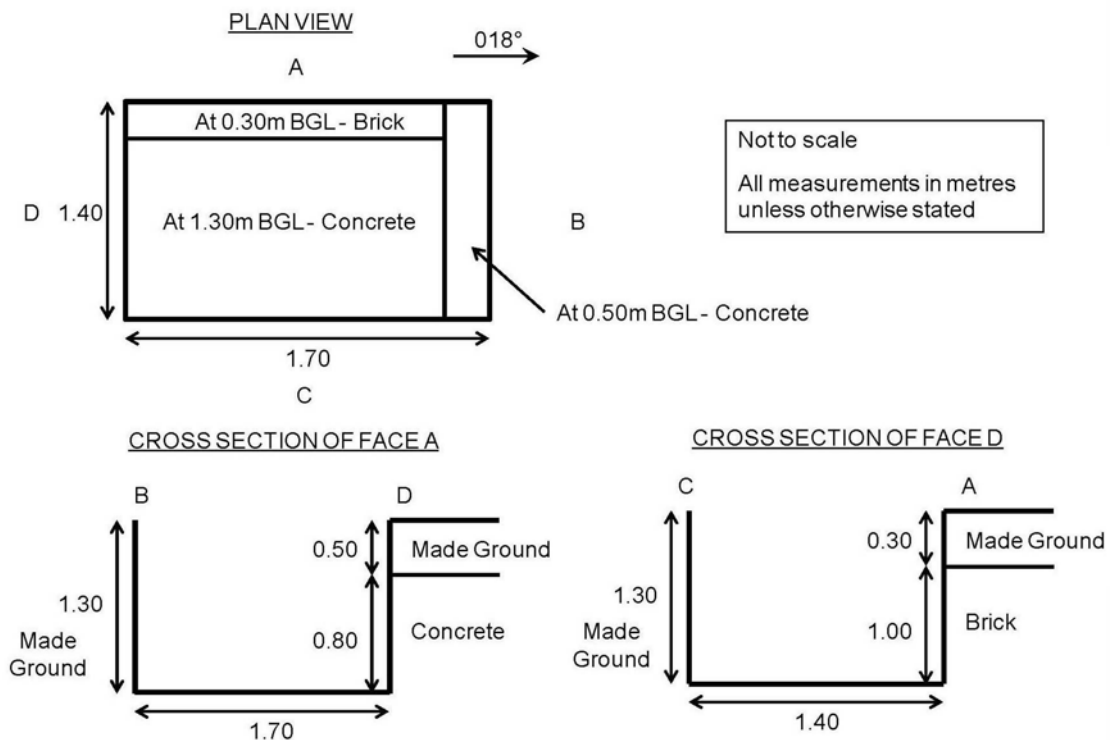
Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454497.482 N:521205.005		PRAIRIE_AUK_TP157A
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.784	Start Date: 17/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP157A.3
 PRAIRIE_AUK_TP157A - Spoil



Figure PRAIRIE_AUK_TP157A.4
 PRAIRIE_AUK_TP157A Sketch





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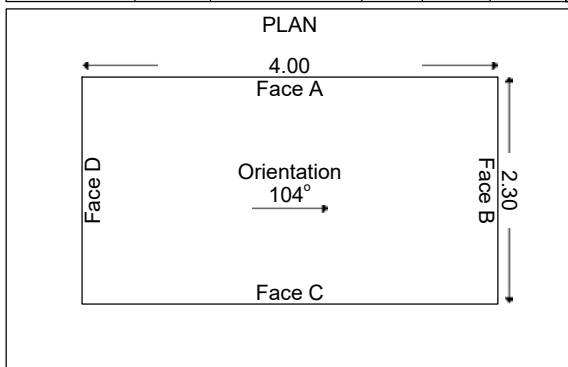
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP157B	
Client: South Tees Development Corporation		Location: E:454499.221 N:521207.945	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.652	Start Date: 17/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description
			↓	5.15	(3.50)	MADE GROUND (Brown gravelly sand with high cobble and boulder content and fragments of metal, wire and metal pipe. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red brick and concrete. Cobbles are subangular and include concrete and brick. Boulders are subangular and include cemented red bricks and concrete with rebar (10-50mm diameter rebar)).
					3.50	Terminated at 3.50m BGL - due to concrete boulders.



GROUNDWATER
 Water strike at 1.00m BGL.

STABILITY
 All faces unstable below 0.50m BGL

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

GENERAL REMARKS
 (1) Relocated from PRAIRIE_AUK_TP157A.
 (2) 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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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation	Location: E:454499.221 N:521207.945		PRAIRIE_AUK_TP157B
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.652	Start Date: 17/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP157B.1
PRAIRIE_AUK_TP157B



Figure PRAIRIE_AUK_TP157B.2
PRAIRIE_AUK_TP157B





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TRIAL PIT RECORD

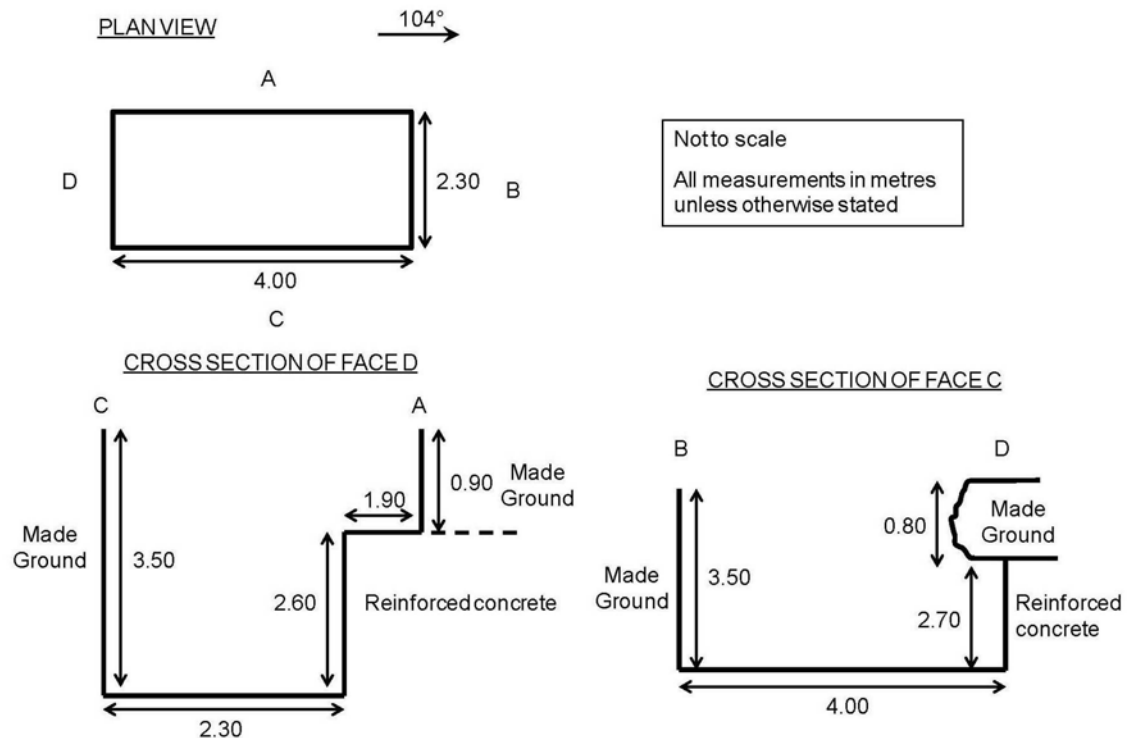
Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454499.221 N:521207.945		PRAIRIE_AUK_TP157B
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.652	Start Date: 17/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP157B.3
 PRAIRIE_AUK_TP157B - Spoil



Figure PRAIRIE_AUK_TP157B.4
 PRAIRIE_AUK_TP157B Sketch





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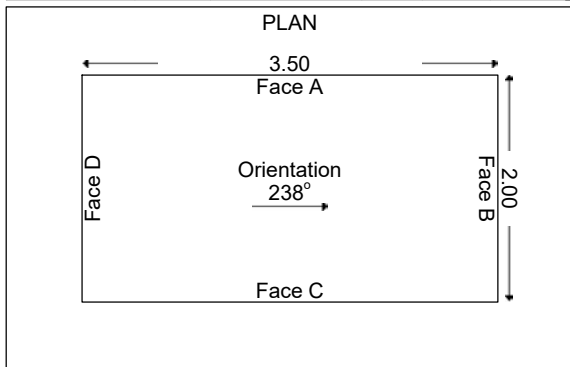
Tel: 0191 387 4700 Fax: 0191 387 4710
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454406.541 N:521196.157	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.657	Start Date: 17/04/2020
		Sheet: 1 of 4	

SAMPLES & TESTS			STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description
0.50	J1		↓		[Cross-hatch pattern]	MADE GROUND (Brown gravelly sand with high cobble and boulder content and fragments of metal and scaffold pipes. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red brick, concrete and slag. Cobbles and boulders are subangular and include red brick and concrete. Slag content is 0-25%. Slag is vesicular grey green white).
1.00	B2			(2.00)		
1.30	ES3	<0.1ppm				Firm to stiff indistinctly laminated orange brown mottled grey slightly sandy CLAY.
1.30	PID					
1.50	J4					
1.90	B5			6.66	2.00	
2.50	J6	95 (41)kPa				[Horizontal line pattern]
2.50	HSV			(1.20)		
3.00	B7			5.46	3.20	



GROUNDWATER
 Water strike at 1.00m BGL.

STABILITY
 Faces A and B unstable from 0.50m BGL.

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:454406.541 N:521196.157		PRAIRIE_AUK_TP158
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.657	Start Date: 17/04/2020	Sheet: 2 of 4

Figure PRAIRIE_AUK_TP158.1
PRAIRIE_AUK_TP158



Figure PRAIRIE_AUK_TP158.2
PRAIRIE_AUK_TP158





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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:454406.541 N:521196.157		PRAIRIE_AUK_TP158
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.657	Start Date: 17/04/2020	Sheet: 3 of 4

Figure PRAIRIE_AUK_TP158.3
PRAIRIE_AUK_TP158



Figure PRAIRIE_AUK_TP158.4
PRAIRIE_AUK_TP158 - Spoil





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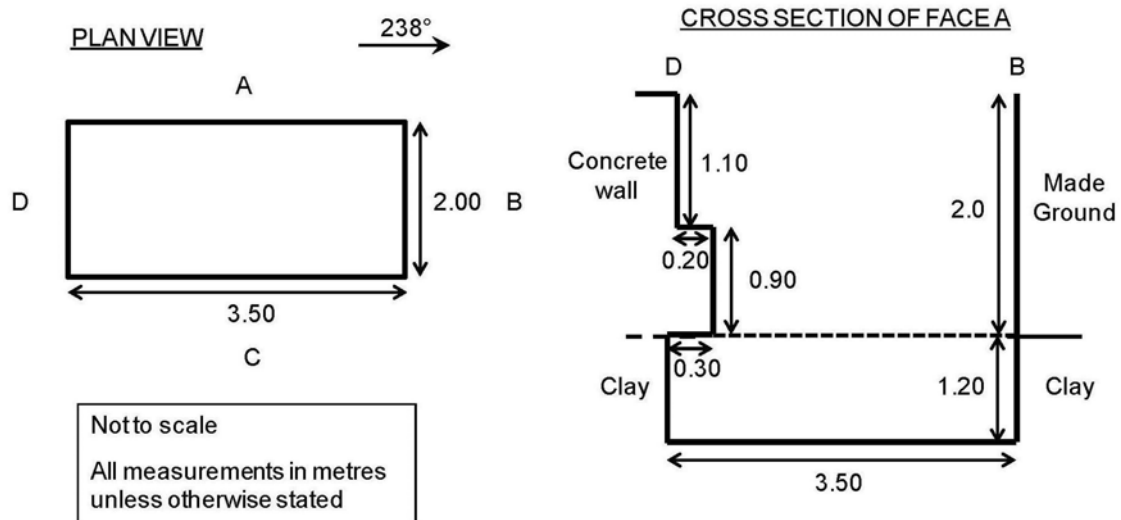
TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454406.541 N:521196.157		PRAIRIE_AUK_TP158
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.657	Start Date: 17/04/2020	Sheet: 4 of 4

Figure PRAIRIE_AUK_TP158.5
PRAIRIE_AUK_TP158 Sketch





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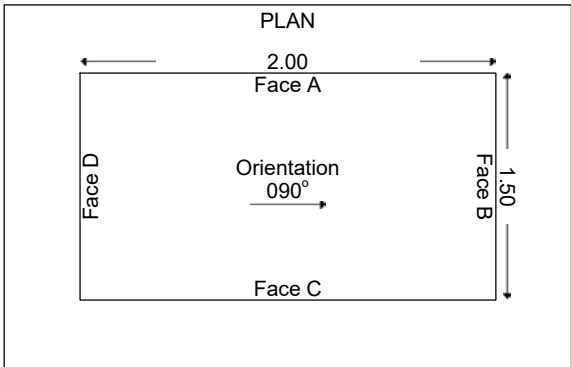
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454285.744 N:521206.190		PRAIRIE_AUK_TP159
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.909	Start Date: 16/04/2020	Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.20 0.40 0.60 0.60	J1 B2 ES3 PID	<0.1ppm		8.01		0.90	MADE GROUND (Brown black red sandy gravel with fragments of metal and wood. Sand is fine to coarse. Gravel is fine to coarse subangular and includes ash, clinker and slag. Slag content is 0-25%).
				7.41		1.50	MADE GROUND (Brown gravel. Gravel is fine to medium subrounded and includes sandstone and clinker). (Pipe bedding). at c.1.20m BGL ... 150mm diameter clay pipe (broken).
1.80	J4					1.00	Soft to firm (friable) interlaminated brown SILT and CLAY with silty sand/sandy silt lenses.
2.30	B5					2.50	Complete at 2.50m BGL.



GROUNDWATER
 Saturated strata between 0.90-1.50m BGL (Slow inflow)

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: D. Portsmouth	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:454285.744 N:521206.190		PRAIRIE_AUK_TP159
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.909	Start Date: 16/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP159.1
PRAIRIE_AUK_TP159



Figure PRAIRIE_AUK_TP159.2
PRAIRIE_AUK_TP159





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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:454285.744 N:521206.190		PRAIRIE_AUK_TP159
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.909	Start Date: 16/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP159.3
PRAIRIE_AUK_TP159



Figure PRAIRIE_AUK_TP159.4
PRAIRIE_AUK_TP159 - Spoil





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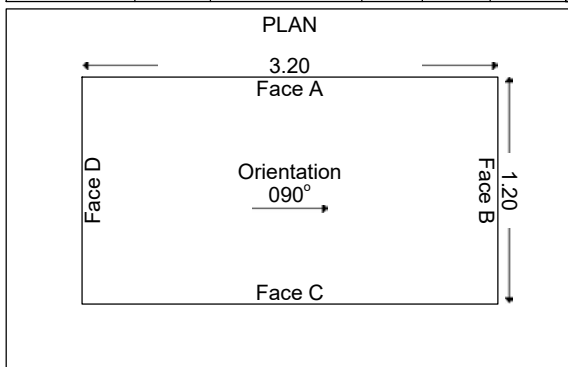
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454601.562 N:521089.621	PRAIRIE_AUK_TP160
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.063	Start Date: 21/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.20 0.30	J1 B2			9.66		0.40	MADE GROUND (Grey sandy gravel with many rootlets. Sand is fine to coarse. Gravel is fine to coarse subangular and includes slag, concrete, ash, coke and brick. Slag content is 25-50%. Slag is vesicular grey).
0.70 0.75	J3 ES4			9.46		0.60	MADE GROUND (Concrete and 10mm diameter rebar).
1.00 1.10	PID J5	0.7ppm		9.26		0.80	MADE GROUND (Brown sandy gravel with fragments of metal. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, clinker and coke).
1.30 1.50	B6 PID	<0.1ppm				(1.30)	Firm laminated grey brown slightly sandy CLAY. Sand is fine to medium.
2.10	J7			7.96		2.10	at c.0.80m BGL ... 150mm diameter cast iron pipe (redundant) in western edge of pit running 000 degrees.
							Terminated at 2.10m BGL - due to service.



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: D. Portsmouth	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:454601.562 N:521089.621		PRAIRIE_AUK_TP160
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.063	Start Date: 21/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP160.1
PRAIRIE_AUK_TP160



Figure PRAIRIE_AUK_TP160.2
PRAIRIE_AUK_TP160





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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:454601.562 N:521089.621		PRAIRIE_AUK_TP160
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.063	Start Date: 21/04/2020	

Figure PRAIRIE_AUK_TP160.3
PRAIRIE_AUK_TP160



Figure PRAIRIE_AUK_TP160.4
PRAIRIE_AUK_TP160 - Spoil





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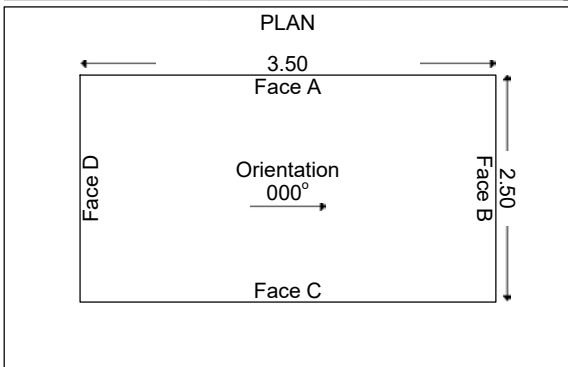
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454550.399 N:521081.305	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 10.027	Start Date: 20/04/2020
		Sheet: 1 of 4	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.50	J1			9.73	[Cross-hatch pattern]	0.30	MADE GROUND (Grey sandy gravel with low cobble content. Sand is fine to coarse. Gravel is fine to coarse subangular and includes slag, concrete and coke. Slag content is 25-50%. Cobbles are angular and include slag. Slag content is 75-100%. Slag is vesicular grey green).
0.80	B2	0.8ppm			[Cross-hatch pattern]	(0.90)	
0.80	PID				[Cross-hatch pattern]		
1.00	ES3			8.83	[Cross-hatch pattern]	1.20	MADE GROUND (Grey red and black sandy gravel and cobbles with fragments of wood. Sand is fine to coarse. Gravel is fine to coarse subangular and includes concrete, slag, ash and brick. Cobbles are subangular and include slag and concrete. Slag content is 25-50%. Slag is vesicular grey).
1.50	J4				[Horizontal line pattern]		(Engineer notes concrete structure close to pit walls).
1.80	B5				[Horizontal line pattern]	(1.50)	at c.1.20m BGL ... concrete noted. Pit extended west to avoid.
2.00	ES6	<0.1ppm			[Horizontal line pattern]		between c.1.20-2.30m BGL ... possibly reworked due to adjacent structures.
2.00	PID				[Horizontal line pattern]		Firm brown laminated brown CLAY with yellow fine to coarse sand lenses.
2.50	J7			7.33	[Horizontal line pattern]	2.70	Complete at 2.70m BGL.



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) Concrete walls bound pit to east and west.

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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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation	Location: E:454550.399 N:521081.305		PRAIRIE_AUK_TP161
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.027	Start Date: 20/04/2020	Sheet: 2 of 4

Figure PRAIRIE_AUK_TP161.1
PRAIRIE_AUK_TP161



Figure PRAIRIE_AUK_TP161.2
PRAIRIE_AUK_TP161





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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:454550.399 N:521081.305		PRAIRIE_AUK_TP161
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.027	Start Date: 20/04/2020	Sheet: 3 of 4

Figure PRAIRIE_AUK_TP161.3
PRAIRIE_AUK_TP161



Figure PRAIRIE_AUK_TP161.4
PRAIRIE_AUK_TP161 - Spoil



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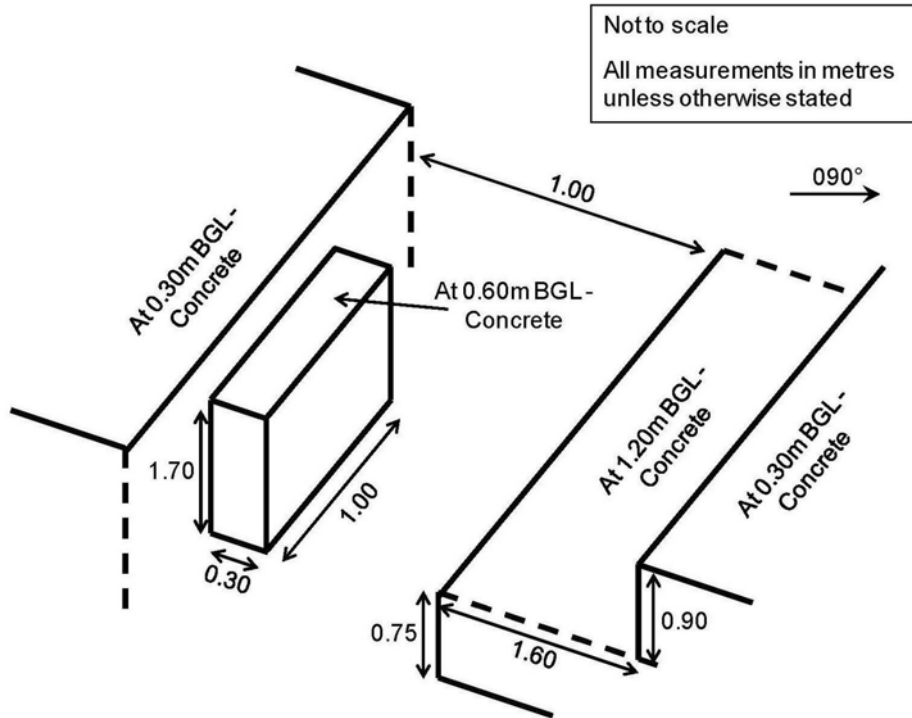
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454550.399 N:521081.305		PRAIRIE_AUK_TP161
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.027	Start Date: 20/04/2020	Sheet: 4 of 4

Figure PRAIRIE_AUK_TP161.5
 PRAIRIE_AUK_TP161 Sketch





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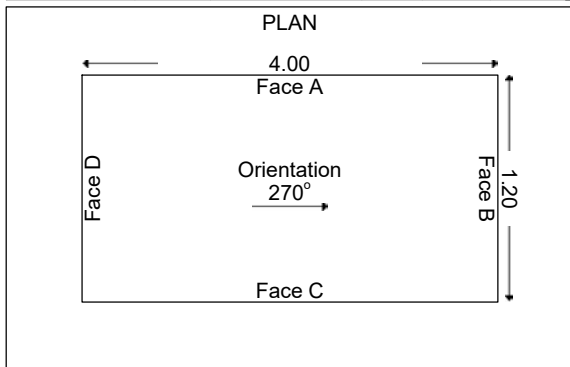
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454442.350 N:521100.483	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 10.562	Start Date: 14/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.70	J1	<0.1ppm		10.16		0.40	MADE GROUND (Brown red yellow cobbles. Cobbles are angular and include red brick).
0.90	B2			10.06		0.50	MADE GROUND (Concrete).
1.60	J3			8.76		1.80	MADE GROUND (Black brown clayey very sandy gravel with medium cobble content and fragments of wood. Sand is fine to coarse. Gravel is fine to coarse subangular and includes brick, slag, ash and clinker. Slag content is 50-75%. Cobbles are angular and include slag and red brick. Slag content is 25-50%. Slag is vesicular grey).
1.70	ES4						
1.70	PID			7.56		3.00	MADE GROUND (Soft to firm brown silty slightly sandy clay with lenses of orange brown sandy gravel. Sand is fine to coarse. Gravel is fine to coarse subangular to subrounded and includes ash and clinker).
2.00	J5						
2.50	B6			6.56		4.00	at c.2.50m BGL ... clay is of high plasticity.
3.10	J7						
3.50	B8	1.00	Firm interlaminated brown slightly sandy SILT and CLAY. at c.3.10m BGL ... clay of high plasticity.				
				at c.3.50m BGL ... insufficiently cohesive.			
				Complete at 4.00m BGL.			



GROUNDWATER
 Saturated strata at 2.80m BGL within granular lenses (heavy inflow).

STABILITY
 Pit sides moderately 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: D. Portsmouth	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:454442.350 N:521100.483		PRAIRIE_AUK_TP162
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.562	Start Date: 14/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP162.1
PRAIRIE_AUK_TP162



Figure PRAIRIE_AUK_TP162.2
PRAIRIE_AUK_TP162





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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:454442.350 N:521100.483		PRAIRIE_AUK_TP162
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.562	Start Date: 14/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP162.3
PRAIRIE_AUK_TP162 - Spoil





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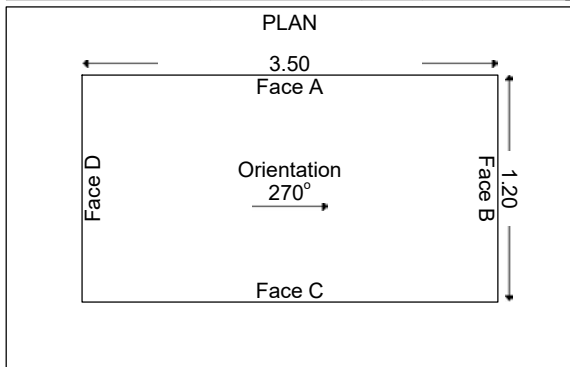
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP163	
Client: South Tees Development Corporation	Location: E:454390.977 N:521100.487		
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.875	Start Date: 14/04/2020	Sheet: 1 of 3

SAMPLES & TESTS			STRATA					
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description	
0.50	J1			9.78		0.10	MADE GROUND (Brown black sand with many rootlets. Sand is fine to coarse and includes ash).	
0.80	B2			8.88		1.00	MADE GROUND (Red brown black very sandy gravel with fragments of wood. Sand is fine to coarse. Gravel is fine to coarse and includes clinker, ash, coke, concrete, red brick and slag. Slag content is 0-25%. Slag is vesicular. Engineer notes 75mm diameter electric cable (broken and loose in pit) found within strata).	
1.20	ES3	4.5ppm		8.58		1.30	MADE GROUND (Black gravel and cobbles with fragments of wood. Gravel is fine to coarse subangular and includes concrete, slag and ash. Cobbles are subangular and include slag. Slag content is 50-75%. Slag is vesicular. Strong hydrocarbon/creosote odour).	
1.20	PID							Soft to firm grey brown slightly sandy CLAY. at c.1.60m BGL ... clay is of intermediate plasticity.
1.60	J4							
1.70	B5							
1.90	ES6	2.1ppm						
1.90	PID							
2.00	HSV	54 (36)kPa		7.48		2.40	Complete at 2.40m BGL.	



GROUNDWATER
Saturated strata at 1.10m BGL (slight inflow).

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: D. Portsmouth	Contract No. 4251
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TRIAL PIT RECORD

Status:-

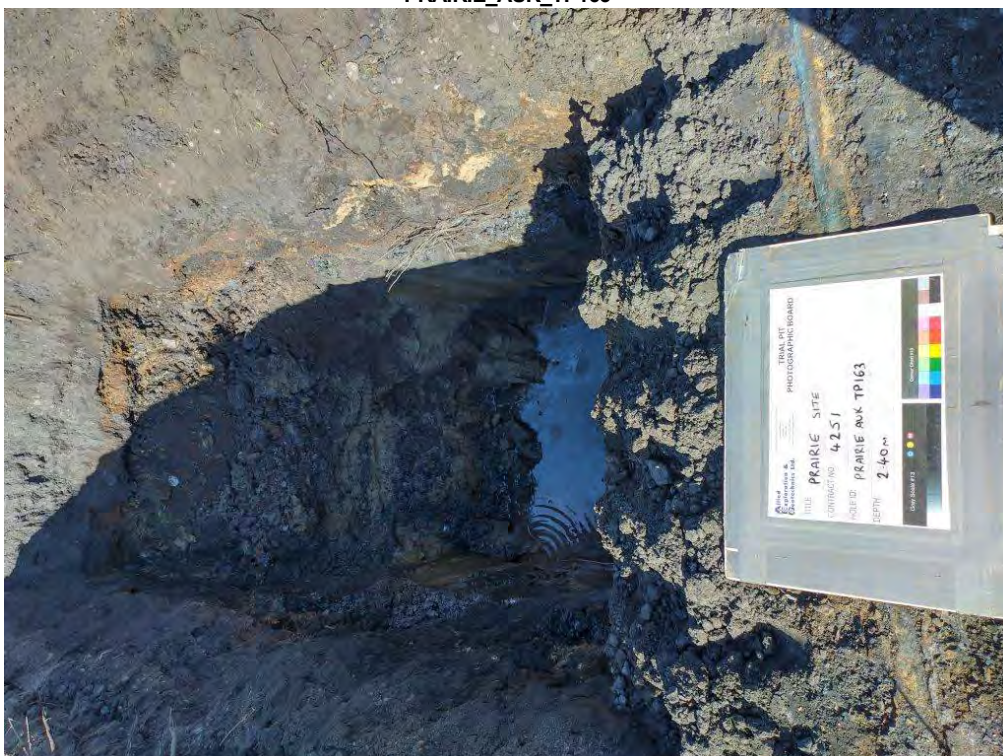
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Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation	Location: E:454390.977 N:521100.487		PRAIRIE_AUK_TP163
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.875	Start Date: 14/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP163.1
PRAIRIE_AUK_TP163



Figure PRAIRIE_AUK_TP163.2
PRAIRIE_AUK_TP163





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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:454390.977 N:521100.487		PRAIRIE_AUK_TP163
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.875	Start Date: 14/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP163.3
PRAIRIE_AUK_TP163 - Spoil





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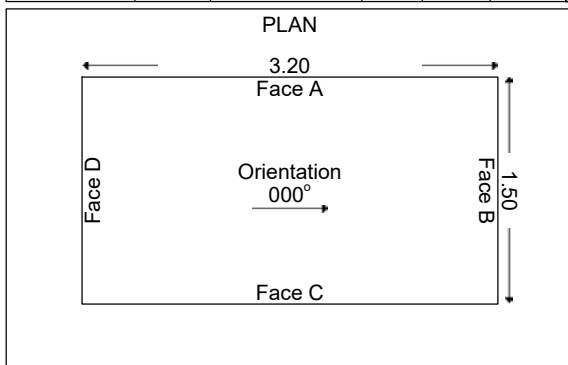
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP164
Client: South Tees Development Corporation	Location: E:454338.024 N:521112.664	
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.003	Start Date: 16/04/2020
		Sheet: 1 of 4

SAMPLES & TESTS			STRATA					
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description	
0.50	J1	<0.1ppm		9.60		0.40	MADE GROUND (Brown black red sandy gravel. Sand is fine to coarse. Gravel is fine to coarse subangular and includes ash, clinker and slag. Slag content is 0-25%. Slag is vesicular).	
0.60	B2			9.20		0.80	MADE GROUND (Black brown grey sandy gravel. Sand is fine to coarse. Gravel is fine to coarse subangular and includes ash, clinker, concrete and slag. Slag content is 25-50%. Slag is vesicular).	
0.70	ES3			8.80		1.20	MADE GROUND (Grey gravel and cobbles. Gravel is fine to coarse subangular and includes slag. Cobbles are angular and include slag. Slag content is 100%. Slag is vesicular).	
0.70	PID							
1.00	B4	<0.1ppm		7.60		1.20	MADE GROUND (Brown red orange slightly gravelly sand. Sand is fine to coarse. Gravel is fine to medium subangular and includes clinker and coke).	
1.30	ES5							
1.30	PID							
1.40	J6							
1.80	B7							
2.60	J8					1.40	Soft to firm interlaminated brown SILT and CLAY with silty sand lenses.	
2.80	B9							
3.80	J10			6.20		3.80	Complete at 3.80m BGL.	



GROUNDWATER
 Saturated strata at 2.40m BGL (Slow inflow).

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: D. Portsmouth	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:454338.024 N:521112.664		PRAIRIE_AUK_TP164
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.003	Start Date: 16/04/2020	Sheet: 2 of 4

Figure PRAIRIE_AUK_TP164.1
PRAIRIE_AUK_TP164



Figure PRAIRIE_AUK_TP164.2
PRAIRIE_AUK_TP164





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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:454338.024 N:521112.664		PRAIRIE_AUK_TP164
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.003	Start Date: 16/04/2020	Sheet: 3 of 4

Figure PRAIRIE_AUK_TP164.3
PRAIRIE_AUK_TP164



Figure PRAIRIE_AUK_TP164.4
PRAIRIE_AUK_TP164 - 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:454338.024 N:521112.664	PRAIRIE_AUK_TP164
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.003	Start Date: 16/04/2020	Sheet: 4 of 4

Figure PRAIRIE_AUK_TP164.5
PRAIRIE_AUK_TP164 - Spoil





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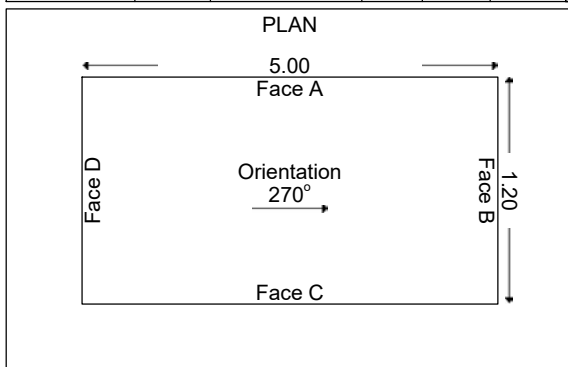
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454460.835 N:521028.046	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 13.490	Start Date: 15/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description
0.50	J1					MADE GROUND (Red brown yellow slightly clayey/silty sandy gravel with high cobble content. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red and yellow brick, slag and concrete. Cobbles are angular and include red and yellow brick. Slag content is 0-25%. Slag is vesicular). from c.0.00m BGL ... Face B: Concrete pillars.
0.80	B2					
1.00	ES3					
1.00	PID	<0.1ppm		(2.60)		
1.50	J4					
1.80	B5					
2.50	J6			10.89		
2.80	B7			(0.70)		
3.30	PID	<0.1ppm		10.19		
3.30	ES8			3.30		
at c.2.60m BGL ... concrete slab - pit extended 3.00m east. MADE GROUND (Red brown yellow sandy gravel with high cobble content and pockets of ash. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red and yellow brick, slag and concrete. Cobbles are angular and include yellow and red brick. Slag content is 0-25%. Slag is vesicular). at c.3.30m BGL ... concrete. Engineer notes evidence of reworked clay but unable to excavate properly to determine due to concrete. <i>Terminated at 3.30m BGL - due to concrete base.</i>						



GROUNDWATER
 No groundwater inflow observed.

STABILITY
 Pit sides moderately unstable throughout excavation.

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

GENERAL REMARKS
 (1) Brick wall found in Face A - set back under the concrete top layer - unable to measure. Refer to Photographs and sketches for further details.
 (2) Brick wall bisects pit (between Face A and Face C). Mainly demolished during excavation.

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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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454460.835 N:521028.046		PRAIRIE_AUK_TP165
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 13.490	Start Date: 15/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP165.1
PRAIRIE_AUK_TP165



Figure PRAIRIE_AUK_TP165.2
PRAIRIE_AUK_TP165



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TRIAL PIT RECORD

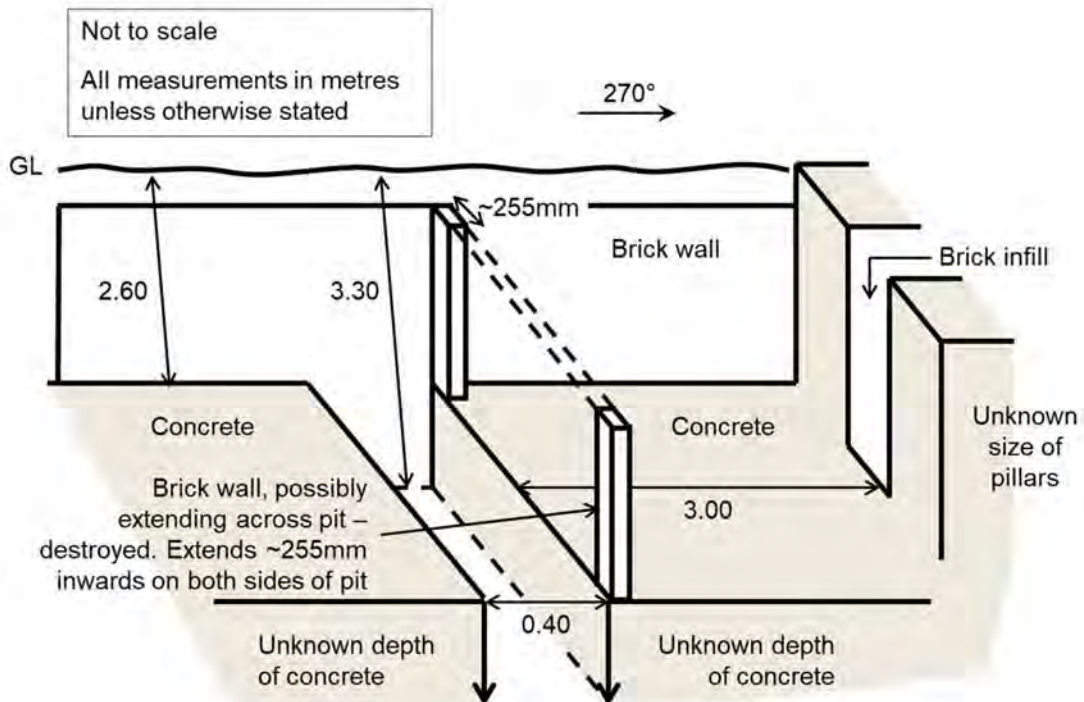
Status:-
FINAL

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454460.835 N:521028.046		PRAIRIE_AUK_TP165
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 13.490	Start Date: 15/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP165.3
PRAIRIE_AUK_TP165 - Spoil



Figure PRAIRIE_AUK_TP165.4
PRAIRIE_AUK_TP165 Sketch





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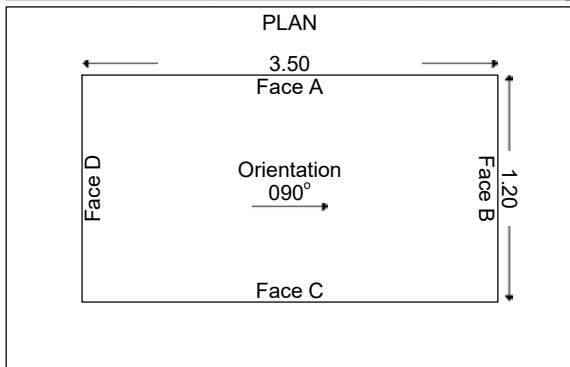
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454598.318 N:520991.331	PRAIRIE_AUK_TP166
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.088	Start Date: 20/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.35	J1	0.2ppm		10.79		0.30	MADE GROUND (Grey sandy gravel. Sand is fine to coarse. Gravel is fine to coarse subangular and includes slag, concrete, ash and coke. Slag content is 25-50%. Gravel is vesicular grey).
0.40	B2			10.59		0.50	
0.45	ES3			10.29		0.80	
0.50	PID	<0.1ppm				1.07	MADE GROUND (Black brown sandy gravel. Sand is fine to coarse and includes predominantly ash. Gravel is fine to medium subangular to subrounded and includes ash, clinker and coke). MADE GROUND (Soft to firm grey mottled black silty clay). Firm slightly laminated brown grey CLAY.
0.60	J4						
0.70	B5						
1.00	J6						
1.00	PID						
1.10	B7	9.59	1.50	Complete at 1.50m BGL.			
1.10	ES8						



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: D. Portsmouth	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:454598.318 N:520991.331		PRAIRIE_AUK_TP166
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.088	Start Date: 20/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP166.1
PRAIRIE_AUK_TP166



Figure PRAIRIE_AUK_TP166.2
PRAIRIE_AUK_TP166





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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:454598.318 N:520991.331		PRAIRIE_AUK_TP166
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.088	Start Date: 20/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP166.3
PRAIRIE_AUK_TP166 - Spoil





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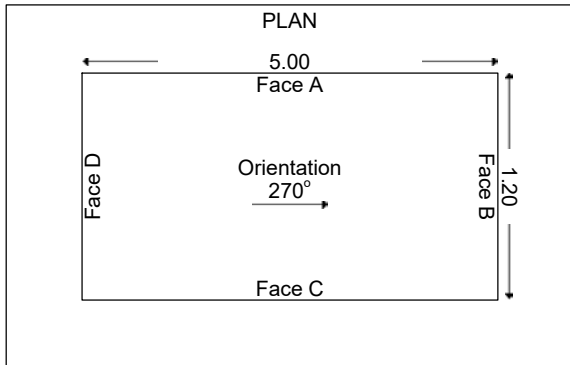
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP167	
Client: South Tees Development Corporation		Location: E:454482.468 N:520987.280	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 13.208	Start Date: 15/04/2020
		Sheet: 1 of 2	

SAMPLES & TESTS			STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description
0.50	J1			13.01		MADE GROUND (Red brown yellow sandy gravel with low cobble content. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red and yellow brick, slag and concrete. Cobbles are angular and include red and yellow brick. Slag content is 0-25%).
0.80	B2					MADE GROUND (Grey cobbles and boulders with rebar (10-50mm). Cobbles and boulders are angular and include concrete).
1.50	J3					
1.80	B4					at c.1.80m BGL ... slightly clayey/silty sandy gravel with medium cobble content.
2.40	J5			10.61		2.60
2.50	ES6					Terminated at 2.60m BGL - due to concrete base.
2.50	PID	<0.1ppm				



GROUNDWATER
 No groundwater inflow observed.

STABILITY
 Pit sides moderately unstable 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: D. Portsmouth	Contract No. 4251
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TRIAL PIT RECORD

Status:-

FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP167	
Client: South Tees Development Corporation	Location: E:454482.468 N:520987.280		Sheet: 2 of 2
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 13.208	Start Date: 15/04/2020	

Figure PRAIRIE_AUK_TP167.1
PRAIRIE_AUK_TP167



Figure PRAIRIE_AUK_TP167.2
PRAIRIE_AUK_TP167





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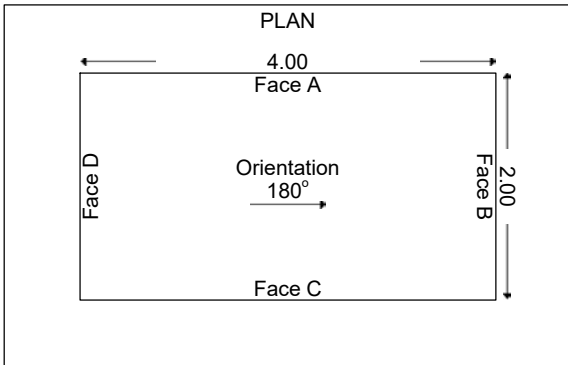
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454395.577 N:521002.419	PRAIRIE_AUK_TP168
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.121	Start Date: 09/04/2020
		Sheet: 1 of 2

SAMPLES & TESTS			Water	STRATA				
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	Description	
0.05	ES1	<0.1ppm		10.02		0.10	MADE GROUND (Brown clayey sand with many rootlets. Sand is fine to coarse and includes ash).	
0.05	PID			9.72		0.40		
0.20	J2			9.02		(0.70)		MADE GROUND (Brown black red sandy gravel with fragments of metal and wood. Sand is fine to coarse. Gravel is fine to coarse subangular and includes ash, clinker and slag. Slag content is 0-25%. Slag is vesicular)
0.30	B3							
0.60	J4							
0.80	B5	9.02	1.10	MADE GROUND (Soft to firm grey mottled black silty clay with low cobble content. Cobbles are angular and include red brick).				
1.40	J6	96 (42)kPa			(1.00)	Firm to stiff brown red grey slightly sandy CLAY with occasional sand lenses.		
1.60	B7							
2.00	HSV	96 (42)kPa		8.02		2.10	Complete at 2.10m BGL.	



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: D. Portsmouth	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:454395.577 N:521002.419		PRAIRIE_AUK_TP168
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.121	Start Date: 09/04/2020	Sheet: 2 of 2

Figure PRAIRIE_AUK_TP168.1
PRAIRIE_AUK_TP168



Figure PRAIRIE_AUK_TP168.2
PRAIRIE_AUK_TP168 - Spoil





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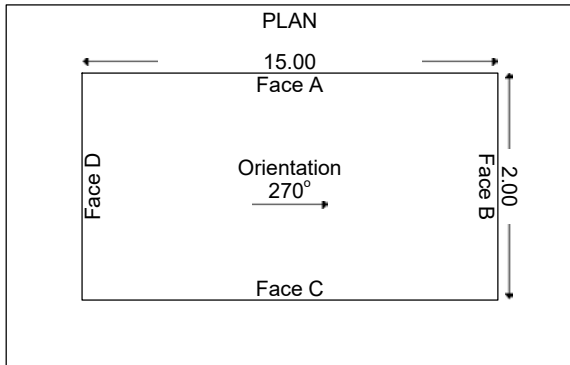
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TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454473.400 N:520964.531	PRAIRIE_AUK_TP169
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.930	Start Date: 15/04/2020
		Sheet: 1 of 4

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.50	J1			12.23		0.70	MADE GROUND (Red brown yellow sandy gravel with high cobble content and many rootlets. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red and yellow brick, slag and concrete. Cobbles are angular and includes red and yellow brick. Slag content is 0-25%. Slag is vesicular grey). at c.0.70m BGL ... concrete slab (coke oven slab). Pit extended 3.00m east.
0.80	B2			11.73		1.20	
1.50	ES3			10.73		2.20	MADE GROUND (Red brown yellow clayey very sandy gravel with high cobble content and pockets of ash. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red and yellow brick, slag and concrete. Cobbles are angular and include red and yellow brick. Slag content is 0-25%. Slag is vesicular grey. Engineer also notes iron plates, 50mm rebar, cast iron metal objects). at c.1.20m BGL ... concrete. Flat concrete structure with 3 No. 460mm diameter cast iron pipes cast into the structure running N-S. Pipes are hollow (empty) and are voided beneath to a depth of 3.80m BGL. Pit extended 3.00m east. MADE GROUND (Red brown yellow sandy gravel with high cobble content and pockets of ash. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red and yellow brick, slag and concrete. Cobbles are angular and include yellow and red brick. Slag content is 0-25%. Slag is vesicular grey. Engineer also notes iron plates, 50mm rebar, cast iron metal girders and other unknown metal objects). at c.2.20m BGL ... concrete. Flat concrete structure with railway rails at extremities. Pit extended 9.00m east. <i>Terminated at 2.20m BGL - due to concrete base.</i>



GROUNDWATER
 No groundwater inflow observed.

STABILITY
 Pit sides moderately unstable 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: D. Portsmouth	Contract No. 4251
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