



# ALLIED EXPLORATION & GEOTECHNICS LIMITED

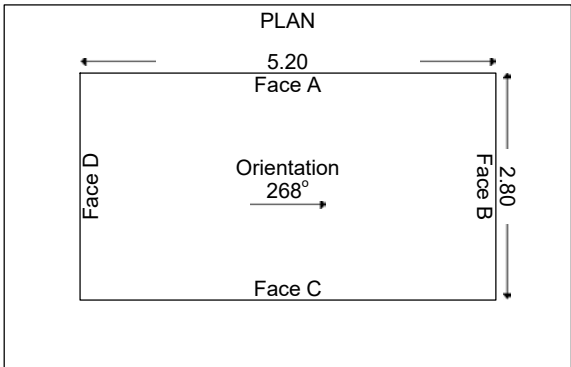
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG    Tel: 0191 387 4700 Fax: 0191 387 4710  
 Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL    Tel: 01772 735 300 Fax: 01772 735 999

## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: <b>Prairie Site Ground Investigation Works</b>		Exploratory Hole No. <b>PRAIRIE_AUK_TP139B</b>
Client: <b>South Tees Development Corporation</b>	Location: <b>E:454375.664 N:521349.513</b>	Sheet: <b>1 of 3</b>
Method (Equipment): <b>Machine Excavated (360 Tracked Excavator)</b>	Ground Level (m): <b>8.371</b> Start Date: <b>16/04/2020</b>	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.10 0.20 0.30 0.30	J1 B2 ES3 PID	<0.1ppm		7.87		0.50	MADE GROUND (Brown clayey very sandy gravel with medium cobble and boulder content and fragments of wood and metal. Sand is fine to coarse. Gravel is fine to coarse subangular to subrounded and includes concrete, refractory brick and red brick. Cobbles and boulders are subangular and include red and yellow brick and concrete).
				7.47		0.90	
				6.67		1.70	MADE GROUND (Strong grey concrete).
						2.30	MADE GROUND (Grey brown sandy gravel and cobbles. Gravel is fine to coarse subangular and includes red brick and refractory brick. Cobbles are subangular and include red brick and refractory brick). between c.1.20-2.20m BGL ... Face D: brick wall.
2.50	HSV	47 (16)kPa					Soft to firm thinly laminated grey brown sandy CLAY with fine yellow brown sand on the laminae. from c.2.00m BGL ... Face A: brick and concrete structure.
3.00 3.10 3.30 3.30 3.50	J4 B5 ES6 PID HSV	<0.1ppm 77 (22)kPa		4.37		4.00	at c.3.00m BGL ... clay is of intermediate plasticity.  from c.3.50m BGL ... firm to stiff.
							Complete at 4.00m BGL.



**GROUNDWATER**  
Water strike at 0.90m BGL.

**STABILITY**  
Pit sides and base stable throughout excavation.

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

**GENERAL REMARKS**  
(1) Descriptions represent Face B. 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. <b>4251</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:454375.664 N:521349.513		<b>PRAIRIE_AUK_TP139B</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.371	Start Date: 16/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP139B.1  
PRAIRIE\_AUK\_TP139B



Figure PRAIRIE\_AUK\_TP139B.2  
PRAIRIE\_AUK\_TP139B





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## TRIAL PIT RECORD

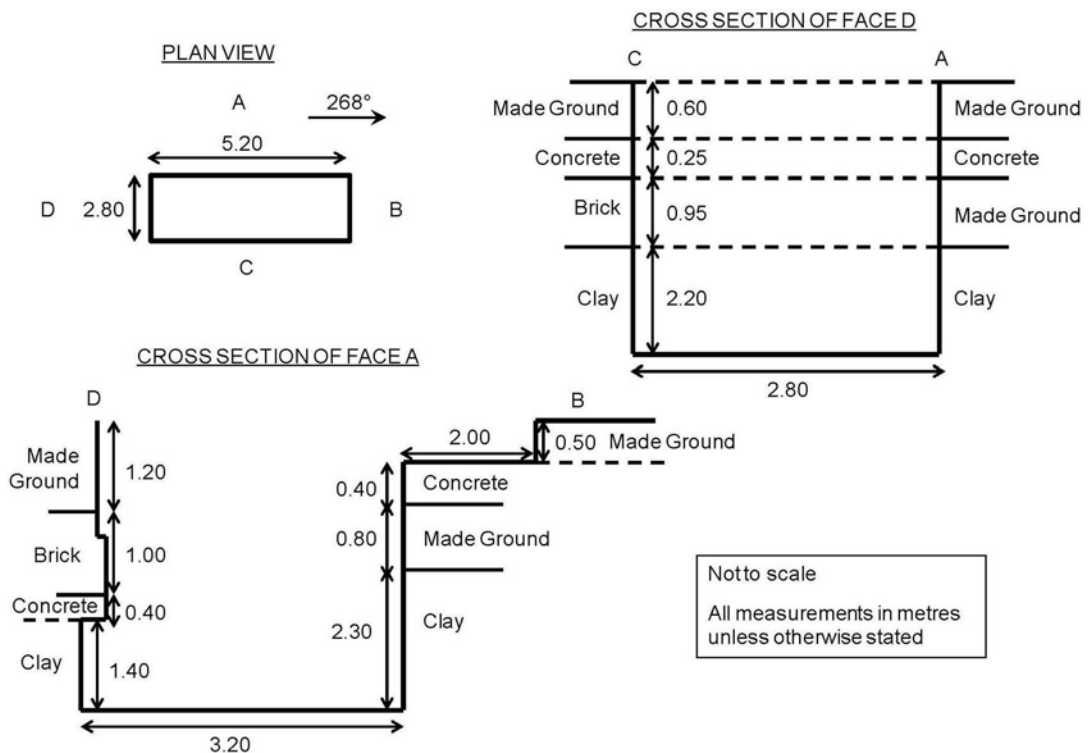
Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454375.664 N:521349.513		<b>PRAIRIE_AUK_TP139B</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.371	Start Date: 16/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP139B.3  
 PRAIRIE\_AUK\_TP139B - Spoil



Figure PRAIRIE\_AUK\_TP139B.4  
 PRAIRIE\_AUK\_TP139B Sketch





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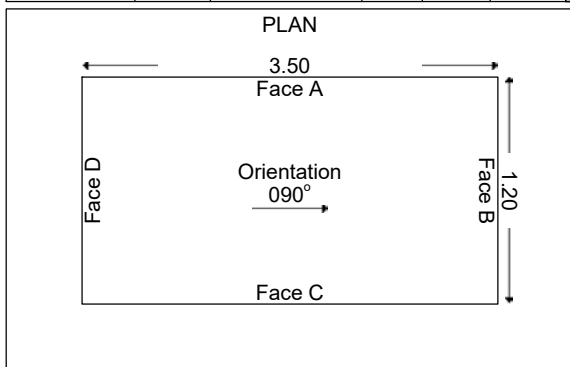
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:455029.355 N:521363.743	<b>PRAIRIE_AUK_TP140</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.765	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			8.67	[Cross-hatched pattern]	0.10	MADE GROUND (Grey sandy gravel. Sand is fine to coarse. Gravel is fine to coarse subangular and includes sandstone, concrete and red brick).
0.50	PID	0.8ppm		8.47		0.30	
0.80	B2			8.37		0.40	
1.00	ES3					(0.80)	MADE GROUND (Grey sandy gravel with medium cobble content. Sand is fine to coarse. Gravel is fine to coarse subangular and includes weak (lean) mix concrete and fused grey ash).
1.00	PID	<0.1ppm		7.57	[X-pattern]	1.20	MADE GROUND (Compacted grey blue ash. Recovered as sandy gravel. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, weak concrete and possible fused ash).
1.40	J4						
1.50	PID	<0.1ppm					
1.60	B5					(1.40)	MADE GROUND (Grey brown black red clayey sandy gravel with high cobble content and fragments of metal. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, clinker, coke, weak concrete and red and yellow brick. Cobbles are angular and include brick, concrete and vesicular grey slag. Slag content is 25-50%).
2.40	J6					2.60	Firm (friable) brown silty CLAY with yellow silty fine to medium sand lenses. Engineer notes becoming interlaminated silt and clay with depth. <i>Complete at 2.60m BGL.</i>
2.50	B7			6.17			
2.60	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. <b>4251</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:455029.355 N:521363.743		<b>PRAIRIE_AUK_TP140</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.765	Start Date: 23/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP140.1  
PRAIRIE\_AUK\_TP140



Figure PRAIRIE\_AUK\_TP140.2  
PRAIRIE\_AUK\_TP140





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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:455029.355 N:521363.743		PRAIRIE_AUK_TP140
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.765	Start Date: 23/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP140.3  
PRAIRIE\_AUK\_TP140 - Spoil





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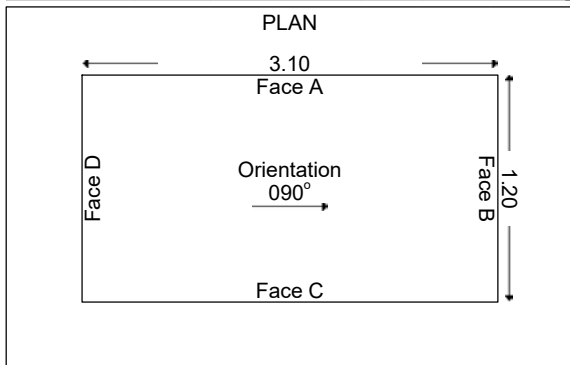
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454997.498 N:521308.610	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.907	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			8.71		0.20	MADE GROUND (Grey sandy gravel. Sand is fine to coarse. Gravel is fine to coarse subangular and includes sandstone, concrete and red brick).
0.50	PID	0.8ppm				(0.70)	MADE GROUND (Grey brown black red clayey sandy gravel with high cobble content and fragments on metal. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, clinker, coke, weak concrete and red and yellow brick. Cobbles are angular and include brick and concrete).
0.80	B2			8.01		0.90	MADE GROUND (Grey brown black red sandy gravel with high cobble content and fragments of metal. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, clinker, coke, weak concrete and red and yellow brick. Cobbles are angular and include brick and concrete).
1.00	PID	0.6ppm				(1.10)	MADE GROUND (Soft/loose black clayey silt with hydrocarbon/creosote/ammonia odour). (Engineer notes material is probably soot/chimney particles).
1.50	J3			6.91		2.00	at c.0.90m BGL ... solid brick wall section. Pit extended west to avoid.
2.00	ES4					(1.00)	MADE GROUND (Soft/loose black clayey silt with hydrocarbon/creosote/ammonia odour). (Engineer notes material is probably soot/chimney particles).
2.00	PID	1.6ppm		5.91		3.00	at c.3.00m BGL ... concrete base. Terminated at 3.00m BGL - due to concrete base.



**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. <b>4251</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:454997.498 N:521308.610		<b>PRAIRIE_AUK_TP141</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.907	Start Date: 23/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP141.1  
PRAIRIE\_AUK\_TP141



Figure PRAIRIE\_AUK\_TP141.2  
PRAIRIE\_AUK\_TP141







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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:454997.498 N:521308.610		PRAIRIE_AUK_TP141
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.907	Start Date: 23/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP141.3  
PRAIRIE\_AUK\_TP141 - Spoil





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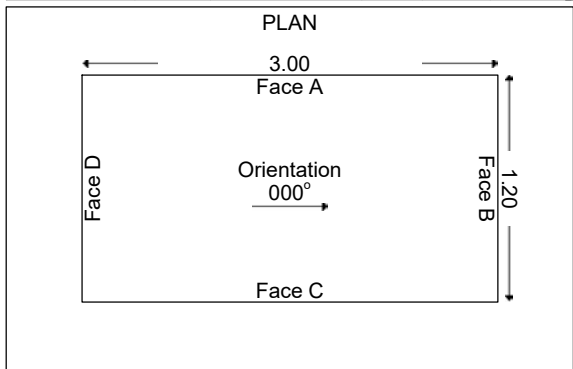
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP142	
Client: South Tees Development Corporation		Location: E:454954.060 N:521286.604	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.896	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 PID B2	0.8ppm		8.70		0.20	MADE GROUND (Grey sandy gravel. Sand is fine to coarse. Gravel is fine to coarse subangular and includes sandstone, concrete and slag. Slag is vesicular grey).
0.50				(0.80)		MADE GROUND (Grey brown black sandy gravel with high cobble content and fragments of metal. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, clinker, coke, weak concrete and red and yellow brick. Cobbles are angular and include brick, slag and concrete. Slag content is 25-50%. Slag is vesicular green grey).	
0.70							
0.90							
1.00	ES3 PID	3.9ppm		7.90		1.00	
			7.70	1.20			
1.50	ES4 PID J5	3.0ppm	7.20	1.70		MADE GROUND (Concrete blocks (backfilled)).	
1.50						MADE GROUND (Soft/loose black clayey silt with hydrocarbon/creosote/ammonia odour). (Engineer notes material is probably soot/chimney particles). at c.1.70m BGL ... concrete base.	
1.60						Terminated at 1.70m BGL - due to concrete base.	



**GROUNDWATER**  
 Saturated strata between 1.00-1.20m BGL (Slight inflow). Engineer notes water contains globules of non aqueous phase liquid.

**STABILITY**  
 Pit sides and base stable throughout excavation.

ADDITIONAL INFORMATION		
Sketch Diagram:	No Sketch Taken3	
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. <b>4251</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:454954.060 N:521286.604		PRAIRIE_AUK_TP142
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.896	Start Date: 23/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP142.1  
PRAIRIE\_AUK\_TP142



Figure PRAIRIE\_AUK\_TP142.2  
PRAIRIE\_AUK\_TP142





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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:454954.060 N:521286.604		<b>PRAIRIE_AUK_TP142</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.896	Start Date: 23/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP142.3  
PRAIRIE\_AUK\_TP142 - Spoil





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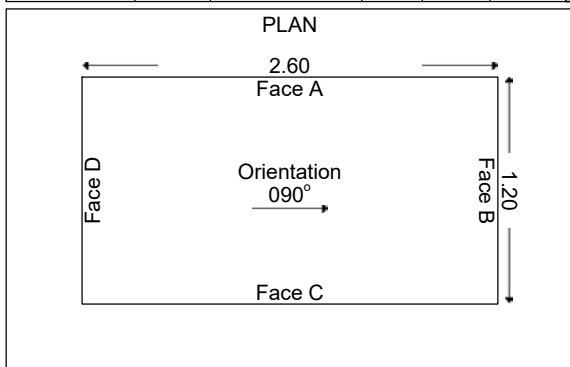
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP143
Client: South Tees Development Corporation	Location: E:454890.560 N:521284.540	
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.721	Start Date: 23/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description	
0.30	J1					MADE GROUND (Grey brown black red clayey sandy gravel with high cobble content and fragments of metal. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, clinker, weak concrete and red and yellow brick. Cobbles are angular and include brick, concrete and vesicular grey slag. Slag content is 25-50%).	
0.50	PID	<0.1ppm					(1.00)
0.60	B2						
0.80	ES3				7.72	1.00	
1.00	PID	<0.1ppm					Firm (friable) brown silty CLAY.
1.30	J4					(0.80)	
1.50	B5			6.92	1.80		
1.60	ES6					Terminated at 1.80m BGL - due to water ingress.	



**GROUNDWATER**  
 Water strike at 1.80m BGL (Heavy inflow) - Water level rose to 1.60m BGL. Engineer notes unknown heavy water source discharging into pit. No known services in the area Arcadis instructed to backfill.

**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. <b>4251</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:454890.560 N:521284.540		PRAIRIE_AUK_TP143
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.721	Start Date: 23/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP143.1  
PRAIRIE\_AUK\_TP143



Figure PRAIRIE\_AUK\_TP143.2  
PRAIRIE\_AUK\_TP143





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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:454890.560 N:521284.540	PRAIRIE_AUK_TP143
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.721	Start Date: 23/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP143.3  
PRAIRIE\_AUK\_TP143 - Spoil





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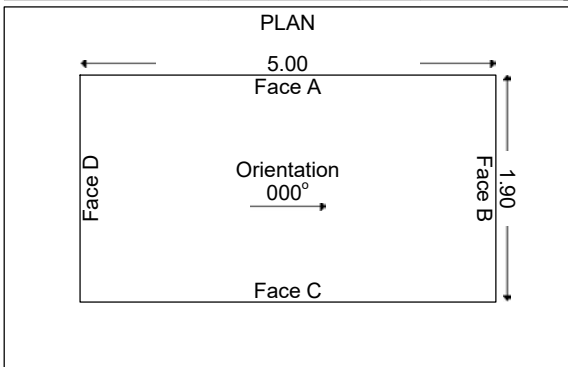
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP144	
Client: South Tees Development Corporation		Location: E:454789.038 N:521289.908	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.803	Start Date: 24/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description
0.40 0.50 0.60 0.80 1.00	J1 PID B2 ES3 PID	0.8ppm   1.5ppm		7.60		MADE GROUND (Grey brown black red sandy gravel with high cobble content and fragments of metal. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, clinker, concrete, slag and red and yellow brick. Cobbles are angular and include brick, concrete and slag. Slag content is 50-75%. Slag is vesicular grey). between c.0.00-1.20m BGL ... Faces A and C are concrete walls. at c.1.20m BGL ... concrete base. <i>Terminated at 1.20m BGL - due to concrete base.</i>



**GROUNDWATER**  
 Saturated strata (slight inflow) at 1.10m BGL. Slight sheen noted.

**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. <b>4251</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:454789.038 N:521289.908		<b>PRAIRIE_AUK_TP144</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.803	Start Date: 24/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP144.1  
PRAIRIE\_AUK\_TP144



Figure PRAIRIE\_AUK\_TP144.2  
PRAIRIE\_AUK\_TP144





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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:454789.038 N:521289.908	PRAIRIE_AUK_TP144
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.803	Start Date: 24/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP144.3  
PRAIRIE\_AUK\_TP144 - Spoil





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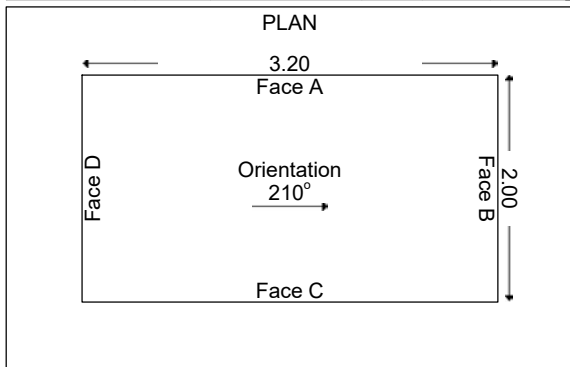
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP145
Client: South Tees Development Corporation	Location: E:454703.421 N:521301.805	
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.912	Start Date: 14/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description
0.05	J1			8.81		MADE GROUND (Grass over brown sandy topsoil).
0.05	J2					MADE GROUND (Brown black clayey very sandy gravel with low cobble and boulder content and fragments of wood, metal and plastic. Gravel is fine to coarse subangular to subrounded and includes brick, concrete and slag. Cobbles and boulders are subangular and include concrete and brick. Slag content is 0-25%. Slag is vesicular grey green white).
1.00	B3					
1.60	PID	0.2ppm		7.21		at c.1.60m BGL ... slight hydrocarbon odour.
1.60	ES4					Firm to stiff orange brown mottled grey slightly sandy CLAY.
1.90	J5					at c.1.90m BGL ... clay is of high plasticity.
2.00	HSV	77 (30)kPa				
2.40	B6			6.41		Firm thinly laminated grey brown slightly sandy CLAY with light grey sand on lamination surfaces. Sand is fine.
2.90	J7					at c.2.90m BGL ... clay is of high plasticity.
3.00	HSV	64 (28)kPa				
3.40	B8			5.41		Complete at 3.50m BGL.



**GROUNDWATER**  
 Groundwater seepage at 1.70m 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:454703.421 N:521301.805		PRAIRIE_AUK_TP145
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.912	Start Date: 14/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP145.1  
PRAIRIE\_AUK\_TP145



Figure PRAIRIE\_AUK\_TP145.2  
PRAIRIE\_AUK\_TP145





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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:454703.421 N:521301.805	PRAIRIE_AUK_TP145
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.912	Start Date: 14/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP145.3  
PRAIRIE\_AUK\_TP145 - Spoil





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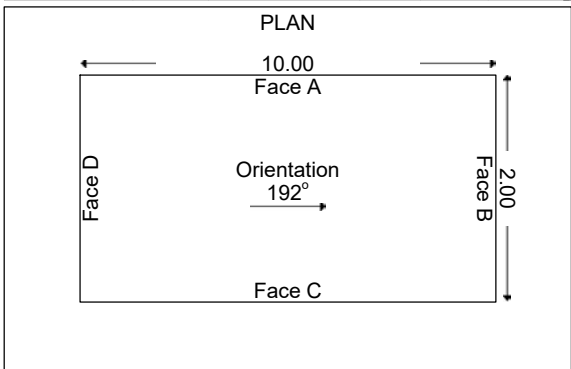
Tel: 0191 387 4700 Fax: 0191 387 4710  
 Tel: 01772 735 300 Fax: 01772 735 999

## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP146	
Client: South Tees Development Corporation		Location: E:454604.642 N:521287.306	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.695	Start Date: 14/04/2020
		Sheet: 1 of 2	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
				8.60	XXXXXX	0.10	MADE GROUND (Brown sandy gravelly topsoil. Sand is fine to coarse. Gravel is fine to coarse subangular and includes concrete). MADE GROUND (Strong grey concrete slab with rebar, possibly an old floor). Terminated at 0.30m BGL - due to concrete base.
				8.40	XXXXXX	0.30	



**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**  
 (1) No samples taken.  
 (2) Relocated to PRAIRIE\_AUK\_TP146A.

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. <b>4251</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:454604.642 N:521287.306	PRAIRIE_AUK_TP146
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.695	Start Date: 14/04/2020	Sheet: 2 of 2

Figure PRAIRIE\_AUK\_TP146.1  
PRAIRIE\_AUK\_TP146





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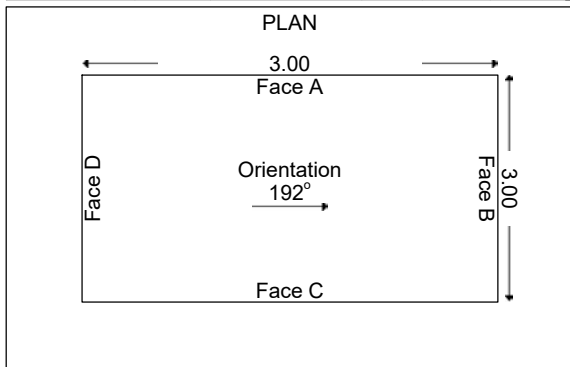
Tel: 0191 387 4700 Fax: 0191 387 4710  
 Tel: 01772 735 300 Fax: 01772 735 999

## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.		
Client: South Tees Development Corporation		Location: E:454610.811 N:521287.001		PRAIRIE_AUK_TP146A	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.602	Start Date: 14/04/2020	Sheet: 1 of 2	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
				8.50	XXXXXX	0.10	MADE GROUND (Brown sandy gravelly topsoil. Sand is fine to coarse. Gravel is fine to coarse subangular and includes concrete). at c.0.10m BGL ... strong grey concrete slab, possibly an old floor. Terminated at 0.10m 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**  
 (1) No samples taken.  
 (2) Relocated from PRAIRIE\_AUK\_TP146.  
 (3) Relocated to PRAIRIE\_AUK\_TP146B.

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. <b>4251</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:454610.811 N:521287.001		PRAIRIE_AUK_TP146A
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.602	Start Date: 14/04/2020	

Figure PRAIRIE\_AUK\_TP146A.1  
PRAIRIE\_AUK\_TP146A





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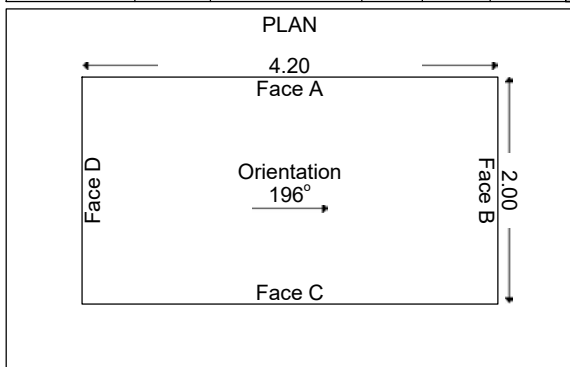
Tel: 0191 387 4700 Fax: 0191 387 4710  
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP146B	
Client: South Tees Development Corporation		Location: E:454603.479 N:521283.232	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.643	Start Date: 14/04/2020
		Sheet: 1 of 2	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
				8.54	[Cross-hatched legend symbol]	0.10	MADE GROUND (Brown sandy topsoil).
				8.34		0.30	MADE GROUND (Black sandy gravel with medium cobble content. Gravel is fine to coarse subangular and includes red brick and concrete. Cobbles are subangular and include red brick and concrete).
				8.04		0.60	MADE GROUND (Strong grey concrete slab, possibly an old floor). <i>Terminated at 0.60m BGL - due to concrete base.</i>



**GROUNDWATER**  
 No groundwater inflow observed.

**STABILITY**  
 Pit sides stable throughout excavation.

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

**GENERAL REMARKS**  
 (1) No samples taken.  
 (2) Relocated from PRAIRIE\_AUK\_TP146A.  
 (3) Relocated to PRAIRIE\_AUK\_TP146C.

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. <b>4251</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:454603.479 N:521283.232		<b>PRAIRIE_AUK_TP146B</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.643	Start Date: 14/04/2020	Sheet: 2 of 2

Figure PRAIRIE\_AUK\_TP146B.1  
PRAIRIE\_AUK\_TP146B



Figure PRAIRIE\_AUK\_TP146B.2  
PRAIRIE\_AUK\_TP146B - Spoil





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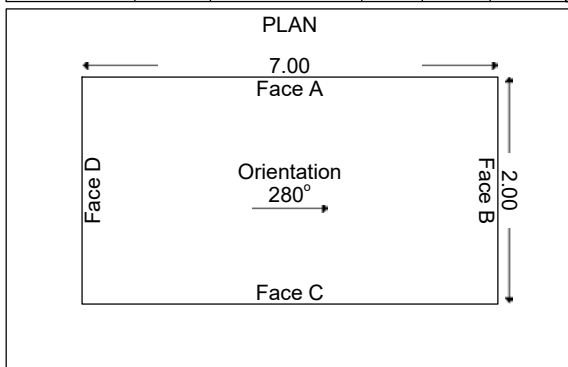
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454595.940 N:521282.000	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.682	Start Date: 14/04/2020
		Sheet:	1 of 3

SAMPLES & TESTS			Water	STRATA		
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)
0.05	J1		8.58	[Cross-hatched pattern]	0.10	MADE GROUND (Brown sandy topsoil).
0.30	J2				(0.60)	MADE GROUND (Black sandy gravel with medium cobble content and fragments of metal and wood. Gravel is fine to coarse subangular and includes red brick and concrete).
0.50	B3		7.98		0.70	
			7.78		0.90	MADE GROUND (Strong grey concrete).
1.00	J4			[Wavy line pattern]	(0.50)	MADE GROUND (Black clayey very sandy gravel with medium cobble content and fragments of metal and wood. Gravel is fine to coarse subangular and includes red brick, concrete and ash. Cobbles are subangular and include red brick and concrete. Slight hydrocarbon odour).
1.30	PID	0.2ppm	7.28		1.40	Stiff grey brown slightly sandy CLAY. at c.1.70m BGL ... clay is of high plasticity.
1.30	ES5					
1.30	B6					
1.50	HSV	97 (40)kPa				
1.70	J7					
					(1.60)	
2.30	B8					from c.2.50m BGL ... fissured.
2.50	PID	<0.1ppm				
2.50	HSV	97 (30)kPa				
2.50	ES9					
2.70	J10					
			5.68		3.00	Complete at 3.00m BGL.



**GROUNDWATER**  
 Groundwater seepage at 1.20m BGL.

**STABILITY**  
 Face C unstable from c.0.90m BGL.

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

**GENERAL REMARKS**  
 (1) Relocated from PRAIRIE\_AUK\_TP146B.

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. <b>4251</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:454595.940 N:521282.000		<b>PRAIRIE_AUK_TP146C</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.682	Start Date: 14/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP146C.1  
PRAIRIE\_AUK\_TP146C



Figure PRAIRIE\_AUK\_TP146C.2  
PRAIRIE\_AUK\_TP146C





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## TRIAL PIT RECORD

Status:-

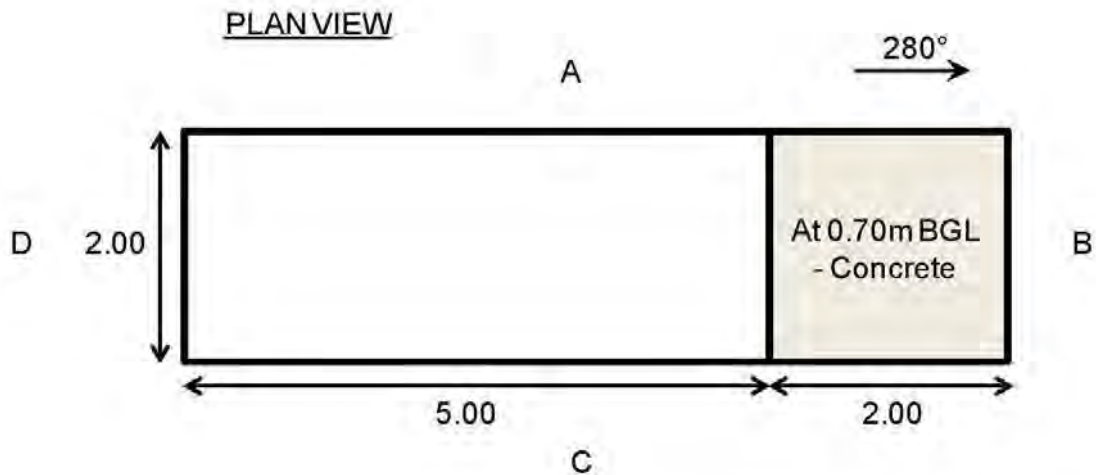
**FINAL**

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454595.940 N:521282.000		<b>PRAIRIE_AUK_TP146C</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.682	Start Date: 14/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP146C.3  
PRAIRIE\_AUK\_TP146C - Spoil



Figure PRAIRIE\_AUK\_TP146C.4  
PRAIRIE\_AUK\_TP146C Sketch



Not to scale  
All measurements in metres  
unless otherwise stated



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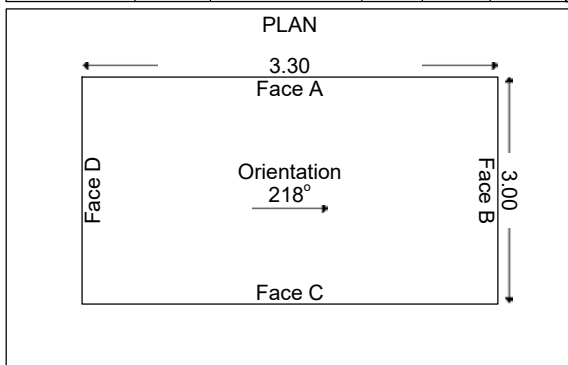
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP147	
Client: South Tees Development Corporation		Location: E:454535.320 N:521258.153	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.595	Start Date: 17/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.40	J1		↓ Water		[Cross-hatch pattern]	(0.80)	MADE GROUND (Brown gravelly sand. Sand is fine to coarse. Gravel is fine to coarse subangular and includes concrete, brick and slag. Slag content is 0-25%. Slag is vesicular grey green white).
0.60	B2			7.80		0.80	
1.10	J3			7.60	1.00	MADE GROUND (Strong green grey fine grained concrete, possibly an old floor). from c.0.80m BGL ... Face C: concrete wall/structure.	
1.50	ES4	<0.1ppm		6.80	1.80	MADE GROUND (Brown black sand and gravel with medium cobble content, fragments of metal and occasional coarse gravel sized pockets of firm brown clay. Sand is fine to coarse. Gravel is fine to coarse subangular and includes brick, refractory brick, concrete and slag. Cobbles are subangular and include concrete and brick. Slag content is 0-25%. Slag is vesicular grey green white). at c.1.80m BGL ... concrete.	
1.50	PID						Terminated at 1.80m BGL - due to concrete base.
1.70	B5						



**GROUNDWATER**  
 Perched water at 1.60m BGL

**STABILITY**  
 Pit sides and base stable throughout excavation.

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

**GENERAL REMARKS**  
 (1) Refer to following sketch 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. <b>4251</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:454535.320 N:521258.153		PRAIRIE_AUK_TP147
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.595	Start Date: 17/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP147.1  
PRAIRIE\_AUK\_TP147



Figure PRAIRIE\_AUK\_TP147.2  
PRAIRIE\_AUK\_TP147







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## TRIAL PIT RECORD

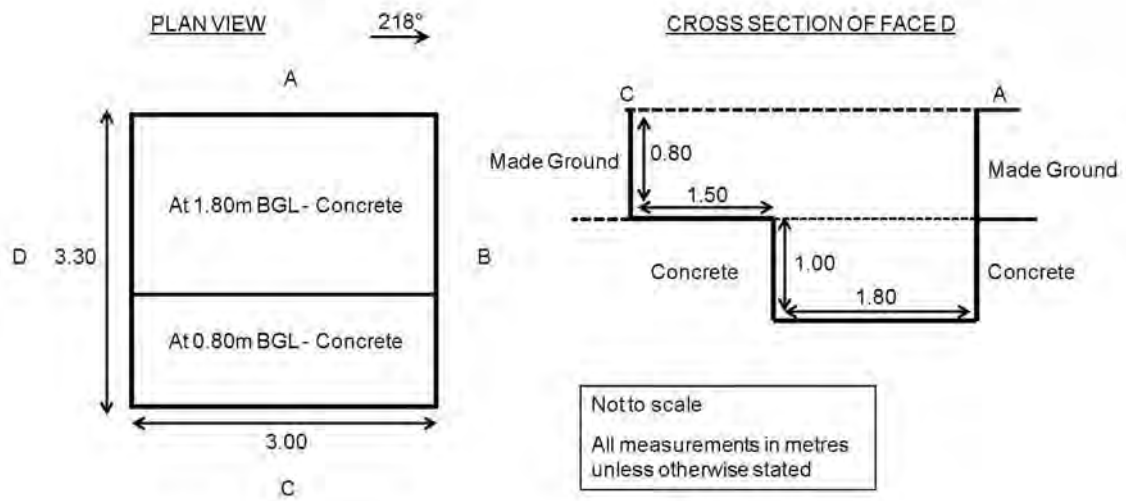
Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454535.320 N:521258.153		<b>PRAIRIE_AUK_TP147</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.595	Start Date: 17/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP147.3  
 PRAIRIE\_AUK\_TP147 - Spoil



Figure PRAIRIE\_AUK\_TP147.4  
 PRAIRIE\_AUK\_TP147 Sketch





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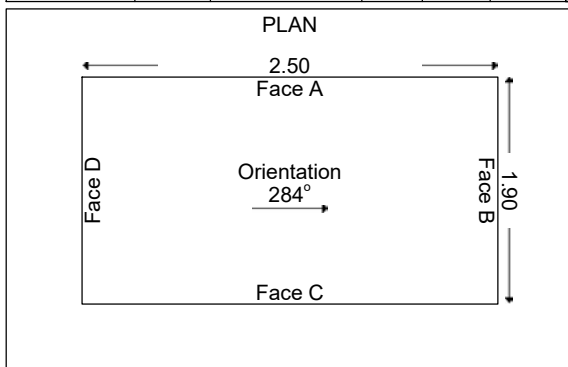
Tel: 0191 387 4700 Fax: 0191 387 4710  
 Tel: 01772 735 300 Fax: 01772 735 999

## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP148	
Client: South Tees Development Corporation		Location: E:454428.137 N:521287.984	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.724	Start Date: 16/04/2020
		Sheet: 1 of 2	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
				8.12		0.60	MADE GROUND (Brown sandy topsoil).
				7.52		1.20	MADE GROUND (Strong grey reinforced concrete (10mm diameter rebar)).
							Terminated at 1.20m BGL - due to concrete base.



**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**  
 (1) No samples taken.  
 (2) Relocated to PRAIRIE\_AUK\_TP148A.

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. <b>4251</b>
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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:454428.137 N:521287.984		<b>PRAIRIE_AUK_TP148</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.724	Start Date: 16/04/2020	Sheet: 2 of 2

Figure PRAIRIE\_AUK\_TP148.1  
PRAIRIE\_AUK\_TP148



Figure PRAIRIE\_AUK\_TP148.2  
PRAIRIE\_AUK\_TP148





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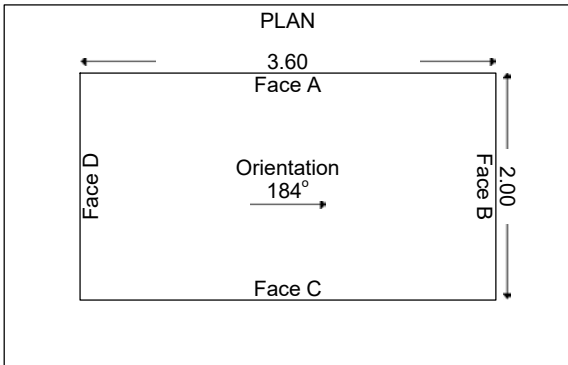
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454424.353 N:521284.277	<b>PRAIRIE_AUK_TP148A</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.956	Start Date: 16/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.50	J1					(1.00)	MADE GROUND (Grey brown gravelly sand with medium cobble and boulder content and fragments of metal, plastic, tile and wire. Sand is fine to coarse. Gravel is fine to coarse subangular to subrounded and includes brick and concrete. Cobbles and boulders are subangular and include brick and concrete).
0.80	B2			7.96		1.00	
1.30	J3	<0.1ppm		7.46		(0.50)	MADE GROUND (Black gravelly sand with fragments of metal. Sand is fine to coarse. Gravel is fine to coarse subangular and includes brick, concrete, ash and slag. Slag content is 0-25%. Slag is vesicular grey green white). between c.1.00-1.20m BGL ... strong grey reinforced concrete (10mm diameter rebar).
1.30	B4					1.50	
1.40	ES5					(0.50)	
1.40	PID			6.96			
1.70	B6					MADE GROUND (Strong ground grey concrete or slag). <i>Terminated at 2.00m BGL - due to concrete/slag base.</i>	



**GROUNDWATER**  
 Slight groundwater seepage at 1.70m BGL.

**STABILITY**  
 Pit sides and base stable throughout excavation.

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

**GENERAL REMARKS**  
 (1) Relocated from PRAIRIE\_AUK\_TP148.

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. <b>4251</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:454424.353 N:521284.277		PRAIRIE_AUK_TP148A
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.956	Start Date: 16/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP148A.1  
PRAIRIE\_AUK\_TP148A



Figure PRAIRIE\_AUK\_TP148A.2  
PRAIRIE\_AUK\_TP148A





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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:454424.353 N:521284.277	<b>PRAIRIE_AUK_TP148A</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 8.956	Start Date: 16/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP148A.3  
PRAIRIE\_AUK\_TP148A - Spoil





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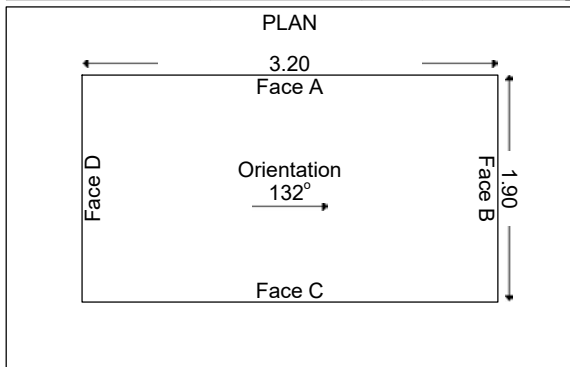
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454320.946 N:521308.856	<b>PRAIRIE_AUK_TP149</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.798	Start Date: 09/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA					
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description	
0.50	J1				[Cross-hatched pattern]	1.50	MADE GROUND (Black clayey very sandy gravel with medium cobble content. Sand is fine to coarse. Gravel is fine to coarse subangular and includes slag, coal, coke, sinter and clinker. Cobbles are subangular and include concrete, slag and red brick. Slag content is 0-25%. Slag is vesicular grey green. Slight diesel odour noted).	
1.00	B2							
1.30 1.30	ES3 PID	<0.1ppm		6.30		1.50		
1.80	J4				[Horizontal line pattern]	1.50	Firm indistinctly laminated orange brown mottled grey silty CLAY. at c.1.80m BGL ... clay is of intermediate to high plasticity.	
2.00	HSV	55 (34)kPa						
2.20	B5							
2.80 2.80	J6 HSV	68 (20)kPa		4.80		3.00	Complete at 3.00m 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. <b>4251</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:454320.946 N:521308.856		PRAIRIE_AUK_TP149
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.798	Start Date: 09/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP149.1  
PRAIRIE\_AUK\_TP149



Figure PRAIRIE\_AUK\_TP149.2  
PRAIRIE\_AUK\_TP149







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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:454320.946 N:521308.856		PRAIRIE_AUK_TP149
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 7.798	Start Date: 09/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP149.3  
PRAIRIE\_AUK\_TP149 - Spoil





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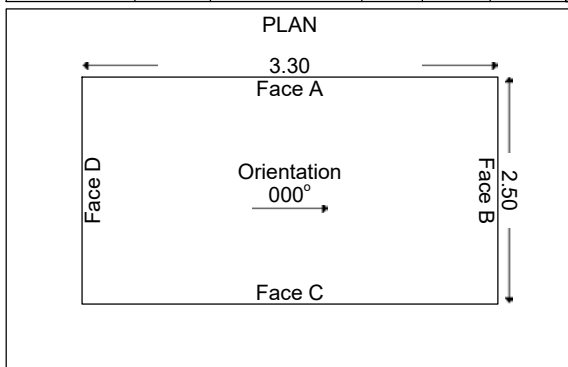
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP150
Client: South Tees Development Corporation	Location: E:454235.334 N:521322.653	
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.172	Start Date: 16/04/2020
		Sheet: 1 of 4

SAMPLES & TESTS			STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description
0.50	J1			8.67	(0.50)	MADE GROUND (Brown black red sandy gravel. Sand is fine to coarse. Gravel is fine to coarse subangular and includes ash, clinker, slag, brick and concrete. Slag content is 0-25%. Slag is vesicular).
0.60	B2					
1.50	ES3				(1.70)	MADE GROUND (Brown black grey clayey very sandy gravel with medium cobble content and fragments of metal and plastic. Sand is fine to coarse. Gravel is fine to coarse subangular and includes ash, clinker, slag, brick and concrete. Slag content is 25-50%. Slag is vesicular). between c.0.50-2.20m BGL ... brick structure exposed on eastern side of pit and concrete structure exposed on southern and western sides of pit.
				6.97	2.20	at c.2.20m BGL ... 610mm diameter metal pipe (redundant) running 000 degrees. <i>Terminated at 2.20m BGL - due to service.</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**

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. <b>4251</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:454235.334 N:521322.653		<b>PRAIRIE_AUK_TP150</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.172	Start Date: 16/04/2020	Sheet: 2 of 4

Figure PRAIRIE\_AUK\_TP150.1  
PRAIRIE\_AUK\_TP150



Figure PRAIRIE\_AUK\_TP150.2  
PRAIRIE\_AUK\_TP150





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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:454235.334 N:521322.653		<b>PRAIRIE_AUK_TP150</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.172	Start Date: 16/04/2020	Sheet: 3 of 4

Figure PRAIRIE\_AUK\_TP150.3  
PRAIRIE\_AUK\_TP150



Figure PRAIRIE\_AUK\_TP150.4  
PRAIRIE\_AUK\_TP150





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## TRIAL PIT RECORD

Status:-

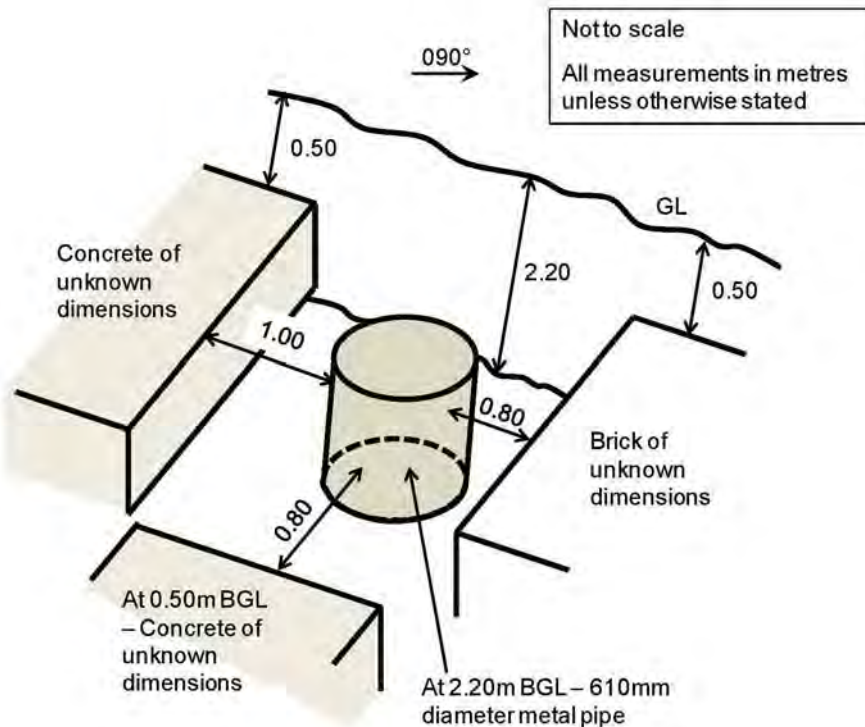
**FINAL**

Project: Prairie Site Ground Investigation Works			Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454235.334 N:521322.653		PRAIRIE_AUK_TP150
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.172	Start Date: 16/04/2020	Sheet: 4 of 4

Figure PRAIRIE\_AUK\_TP150.5  
PRAIRIE\_AUK\_TP150 - Spoil



Figure PRAIRIE\_AUK\_TP150.6  
PRAIRIE\_AUK\_TP150 Sketch





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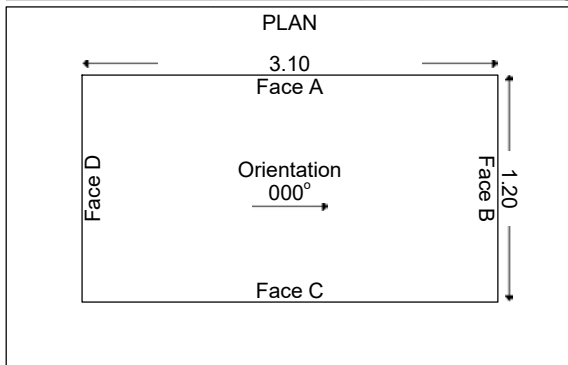
## TRIAL PIT RECORD

Status:-

**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP151	
Client: South Tees Development Corporation		Location: E:455089.187 N:521231.720	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 10.499	Start Date: 23/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.30	J1			10.30	[Cross-hatched pattern]	0.20	MADE GROUND (Grey sandy gravel. Sand is fine to coarse. Gravel is fine to coarse subangular and includes sandstone, concrete and red brick).
0.40	B2			10.00		0.50	
0.50	PID	1.1ppm		9.90		0.60	
0.80	J3				[Cross-hatched pattern]		MADE GROUND (Grey sandy gravel with medium cobble content. Sand is fine to coarse. Gravel is fine to coarse subangular and includes weak (lean) mix concrete and fused grey ash).
1.00	B4						
1.00	PID	0.8ppm					
1.20	ES5						
1.50	PID	0.9ppm					
1.80	J6				[Cross-hatched pattern]	(2.30)	MADE GROUND (Compacted grey blue ash. Recovered as sandy gravel. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, weak concrete and possibly fused ash).
2.00	B7						
2.00	PID	<0.1ppm					
2.50	PID	<0.1ppm					
2.80	J8			7.60	[Cross-hatched pattern]	2.90	MADE GROUND (Grey brown black red clayey sandy gravel with high cobble content with fragments of metal. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, clinker, coke, weak concrete and red and yellow brick. Cobbles are angular and include red and yellow brick and concrete).
3.00	PID	<0.1ppm					
3.20	B9						
3.80	J10				[Cross-hatched pattern]	(1.30)	Firm (friable) brown silty CLAY with yellow silty fine to medium sand lenses. Engineer notes becoming faintly interlaminated silt and clay with depth.
4.20	B11			6.30		4.20	
							Complete at 4.20m 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: D. Portsmouth	Contract No. <b>4251</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:455089.187 N:521231.720	PRAIRIE_AUK_TP151	
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.499	Start Date: 23/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP151.1  
PRAIRIE\_AUK\_TP151



Figure PRAIRIE\_AUK\_TP151.2  
PRAIRIE\_AUK\_TP151





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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:455089.187 N:521231.720		<b>PRAIRIE_AUK_TP151</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.499	Start Date: 23/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP151.3  
PRAIRIE\_AUK\_TP151



Figure PRAIRIE\_AUK\_TP151.4  
PRAIRIE\_AUK\_TP151 - Spoil







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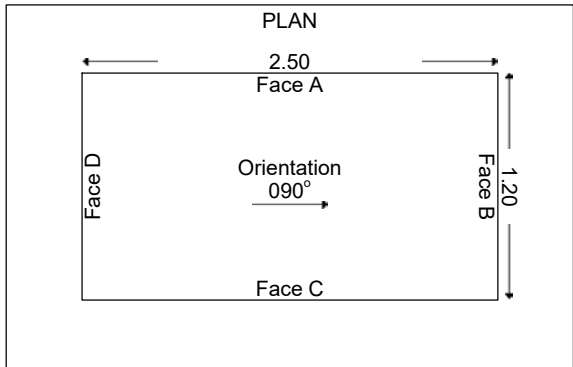
Tel: 0191 387 4700 Fax: 0191 387 4710  
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:455033.237 N:521245.226	<b>PRAIRIE_AUK_TP152</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.958	Start Date: 22/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.30	J1			9.76	[Cross-hatched pattern]	0.20	MADE GROUND (Grey sandy gravel with 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 0-25%. Slag is vesicular grey).
0.50	PID	0.3ppm		9.56		0.40	
0.65	J2			9.36		0.60	
0.80	B3				[Cross-hatched pattern]	(1.50)	MADE GROUND (Compacted grey blue ash. Recovered as sandy gravel. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, weak concrete and possible fused ash).
1.00	PID	1.6ppm					
1.50	PID	0.8ppm					
1.60	J4				[Cross-hatched pattern]	2.10	MADE GROUND (Grey sandy gravel with medium cobble content. Sand is fine to coarse. Gravel is fine to coarse subangular and includes weak (lean) mix concrete and grey fused ash).
1.80	B5						
2.00	ES6			7.86			
							at c.2.10m BGL ... concrete. <i>Terminated at 2.10m BGL - due to concrete base.</i>



**GROUNDWATER**  
 No groundwater inflow observed.

**STABILITY**  
 Pit sides and base 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. <b>4251</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:455033.237 N:521245.226		PRAIRIE_AUK_TP152
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.958	Start Date: 22/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP152.1  
PRAIRIE\_AUK\_TP152



Figure PRAIRIE\_AUK\_TP152.2  
PRAIRIE\_AUK\_TP152





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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:455033.237 N:521245.226		PRAIRIE_AUK_TP152
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.958	Start Date: 22/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP152.3  
PRAIRIE\_AUK\_TP152 - Spoil





# ALLIED EXPLORATION & GEOTECHNICS LIMITED

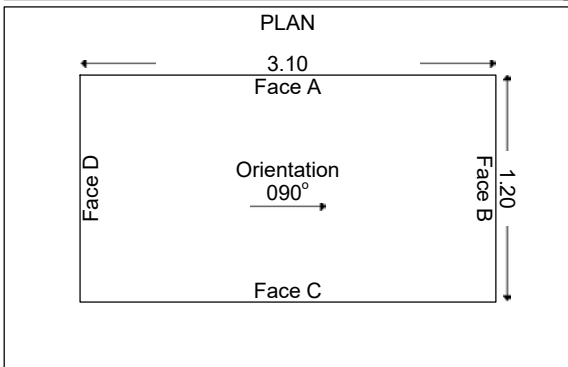
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454900.596 N:521232.384	<b>PRAIRIE_AUK_TP153</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.441	Start Date: 22/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.50	J1			9.24	[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 0-25%. Slag is vesicular grey).
0.50	PID	1.8ppm		9.14		0.30	
0.80	J2				[Cross-hatched pattern]	0.60	MADE GROUND (Macadam).
0.90	B3					(0.60)	
1.00	PID	0.5ppm		8.24	[Cross-hatched pattern]	1.20	MADE GROUND (Compacted grey sandy gravel. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, weak concrete and possible fused ash).
1.10	ES4						
1.50	J5				[Horizontal line pattern]	(1.20)	MADE GROUND (Grey brown black red sandy gravel with medium cobble content and fragments of metal. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, clinker, coke, weak concrete and slag. Cobbles are angular and include brick. Slag content is 0-25%. Slag is vesicular grey).
1.50	PID	<0.1ppm					
1.60	B6				[Horizontal line pattern]		Firm grey brown slightly sandy CLAY with sand lenses. Sand is fine to medium. at c.2.00m BGL ... 150mm diameter clay pipe (broken) at eastern end of pit running 000 degrees with slight seepage and hydrocarbon odour.
2.00	PID	<0.1ppm					
2.40	J7			7.04		2.40	Terminated at 2.40m 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. <b>4251</b>
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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:454900.596 N:521232.384		<b>PRAIRIE_AUK_TP153</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.441	Start Date: 22/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP153.1  
PRAIRIE\_AUK\_TP153



Figure PRAIRIE\_AUK\_TP153.2  
PRAIRIE\_AUK\_TP153





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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:454900.596 N:521232.384		PRAIRIE_AUK_TP153
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.441	Start Date: 22/04/2020	Sheet: 3 of 3

Figure PRAIRIE\_AUK\_TP153.3  
PRAIRIE\_AUK\_TP153 - Spoil





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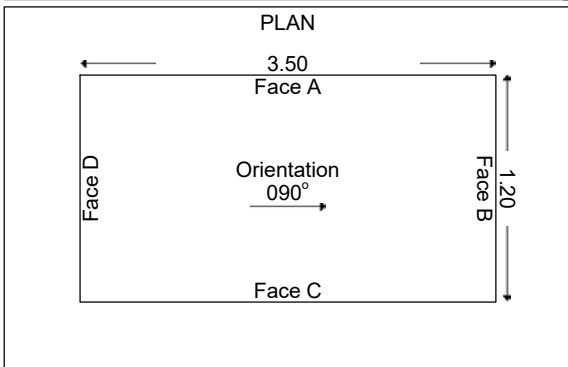
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710  
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## TRIAL PIT RECORD

Status:-  
**FINAL**

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454781.179 N:521239.256	PRAIRIE_AUK_TP154
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.292	Start Date: 21/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.50	PID	1.1ppm		9.19	[Cross-hatched pattern]	0.10	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).
0.60	J1			8.99		0.30	
0.80	B2					(0.60)	MADE GROUND (Grey gravel. Gravel is medium to coarse subangular and includes limestone and slag. Slag content is 0-25%).
0.85	ES3						
1.00	PID	0.2ppm				0.90	MADE GROUND (Grey brown black 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, coke, weak concrete and possibly fused ash). at c.0.90m BGL ... 100mm diameter cast iron pipe in western most end of pit running 045 degrees.
1.30	J4						
1.50	PID	<0.1ppm				(2.20)	Firm grey brown slightly sandy CLAY. Sand is fine to medium. Engineer notes grading to interlaminated silt/clay with depth. at c.1.30m BGL ... clay is of high plasticity. at c.2.30m BGL ... clay is of intermediate plasticity.
1.60	B5						
2.30	J6						
2.60	B7						
				6.19		3.10	Complete at 3.10m 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: D. Portsmouth	Contract No. <b>4251</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:454781.179 N:521239.256		<b>PRAIRIE_AUK_TP154</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.292	Start Date: 21/04/2020	Sheet: 2 of 3

Figure PRAIRIE\_AUK\_TP154.1  
PRAIRIE\_AUK\_TP154



Figure PRAIRIE\_AUK\_TP154.2  
PRAIRIE\_AUK\_TP154







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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:454781.179 N:521239.256	<b>PRAIRIE_AUK_TP154</b>
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 9.292	Start Date: 21/04/2020
Sheet: 3 of 3		

Figure PRAIRIE\_AUK\_TP154.3  
PRAIRIE\_AUK\_TP154



Figure PRAIRIE\_AUK\_TP154.4  
PRAIRIE\_AUK\_TP154 - Spoil

