



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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: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: 2 of 4

Figure PRAIRIE_AUK_TP169.1
PRAIRIE_AUK_TP169



Figure PRAIRIE_AUK_TP169.2
PRAIRIE_AUK_TP169





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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: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: 3 of 4

Figure PRAIRIE_AUK_TP169.3
PRAIRIE_AUK_TP169



Figure PRAIRIE_AUK_TP169.4
PRAIRIE_AUK_TP169





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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: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: 4 of 4

Figure PRAIRIE_AUK_TP169.5
PRAIRIE_AUK_TP169 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

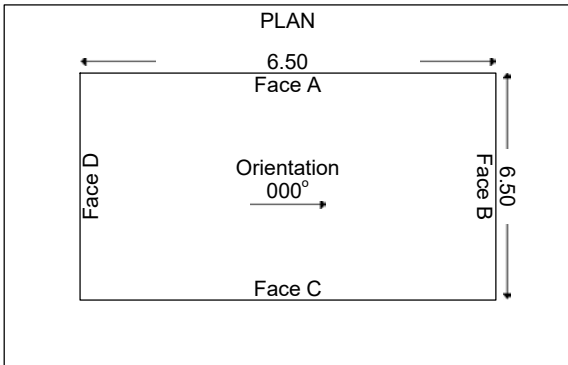
Tel: 0191 387 4700 Fax: 0191 387 4710
 Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454583.361 N:521042.047	PRAIRIE_AUK_TP170
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.409	Start Date: 21/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			Water	STRATA			
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	Description
0.30	J1		10.21	[Cross-hatched pattern]	0.20	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 red brick. Slag content is 25-50%. Slag is vesicular grey green).	
0.40	B2				(0.50)		
0.50	ES3	<0.1ppm	9.71		0.70		
0.50	PID		9.61		0.80	MADE GROUND (Brown black grey sandy gravel with high cobble content. Sand is fine to coarse and includes predominantly ash. Gravel is fine to coarse subangular and includes ash, clinker, coke, red brick and slag. Cobbles are angular and include brick and concrete. Slag content is 25-50%. Slag is vesicular grey green).	
1.00	ES4			[Cross-hatched pattern]	(0.50)	MADE GROUND (Concrete and cast iron cover. Pit extended to excavate down eastern edge of slab).	
1.00	PID	17.5ppm	9.11		1.30		
1.50	J5			[Horizontal dashed pattern]	(0.50)	MADE GROUND (Firm grey mottled black silty slightly sandy clay with yellow brown sand lenses. Sand is fine to medium. Slight hydrocarbon odour). Firm to stiff (friable) laminated red brown CLAY with brown silty fine to medium sand lenses. Complete at 1.80m BGL.	
1.50	PID	1.1ppm	8.61		1.80		
1.80	B6						



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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454583.361 N:521042.047		PRAIRIE_AUK_TP170
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.409	Start Date: 21/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP170.1
PRAIRIE_AUK_TP170



Figure PRAIRIE_AUK_TP170.2
PRAIRIE_AUK_TP170





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454583.361 N:521042.047		PRAIRIE_AUK_TP170
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.409	Start Date: 21/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP170.3
PRAIRIE_AUK_TP170 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

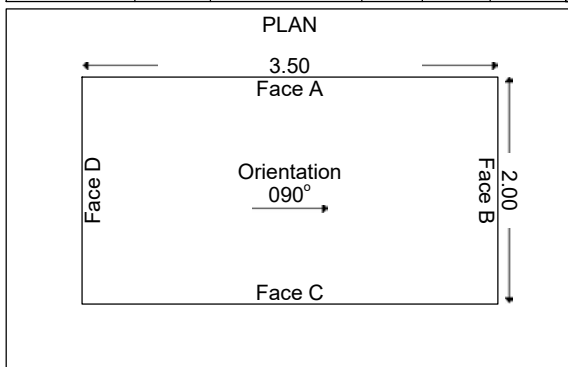
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710
 Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP171
Client: South Tees Development Corporation	Location: E:454564.178 N:520951.248	
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.593	Start Date: 20/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.50	PID	1.4ppm		11.09		0.50	MADE GROUND (Grey sandy gravel with low cobble content. Sand is fine to coarse. Gravel is fine to coarse subangular and include slag, concrete and coke. Gravel slag content is 25-50%. Cobbles are angular and includes slag. Cobble slag content is 75-100%. Slag is vesicular grey green).
0.60	J1					0.50	
0.70	B2					1.00	MADE GROUND (Brown black 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).
0.75	ES3					1.00	
1.00	PID	1.3ppm				1.30	MADE GROUND (Soft to firm grey mottled silty clay).
1.10	J4					1.30	
1.20	B5					1.30	Firm laminated brown CLAY with yellow brown fine to coarse sand lenses.
1.30	ES6					1.30	
1.50	J7					1.80	
1.50	PID	<0.1ppm				1.80	
1.80	B8			9.49		2.10	
							Complete at 2.10m 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. 4251
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454564.178 N:520951.248		PRAIRIE_AUK_TP171
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.593	Start Date: 20/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP171.1
PRAIRIE_AUK_TP171



Figure PRAIRIE_AUK_TP171.2
PRAIRIE_AUK_TP171





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454564.178 N:520951.248		PRAIRIE_AUK_TP171
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.593	Start Date: 20/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP171.3
PRAIRIE_AUK_TP171 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

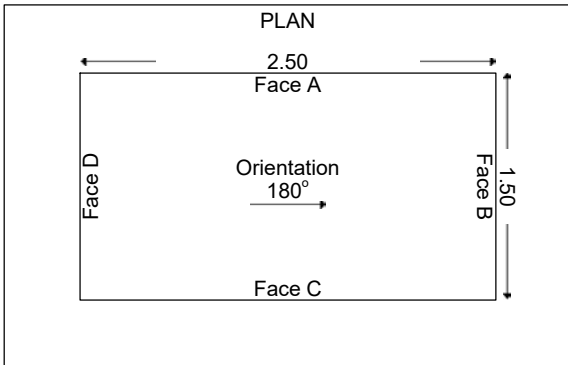
Tel: 0191 387 4700 Fax: 0191 387 4710
 Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454508.970 N:520896.605	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 12.862	Start Date: 06/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.40	J1	<0.1ppm		12.66		0.20	MADE GROUND (Brown clayey sand with many rootlets. Sand is fine to coarse and includes ash).
0.60	B2			11.90		MADE GROUND (Brown sandy gravel with high cobble content with fragments of metal, wire, plastic and wood. Sand is fine to coarse. Gravel is fine to coarse subangular and includes slag, brick and concrete. Cobbles are subangular and include red and yellow brick, concrete and slag. Slag content is 25-50%. Slag is vesicular). at c.0.60m BGL ... cobbles.	
0.80	ES3						
0.80	PID						
1.40	J4						
1.60	B5	10.76	2.10	at c.2.10m BGL ... engineer notes possible service as TP was near 'Industrial water pipes'. Concrete obstruction was centered in the pit and ran E-W - unknown dimensions due to possible service. <i>Terminated at 2.10m BGL - due to instability and concrete obstruction.</i>			



GROUNDWATER
 No groundwater inflow observed.

STABILITY
 Pit sides 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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454508.970 N:520896.605		PRAIRIE_AUK_TP172
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.862	Start Date: 06/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP172.1
PRAIRIE_AUK_TP172



Figure PRAIRIE_AUK_TP172.2
PRAIRIE_AUK_TP172





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454508.970 N:520896.605		PRAIRIE_AUK_TP172
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.862	Start Date: 06/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP172.3
PRAIRIE_AUK_TP172 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

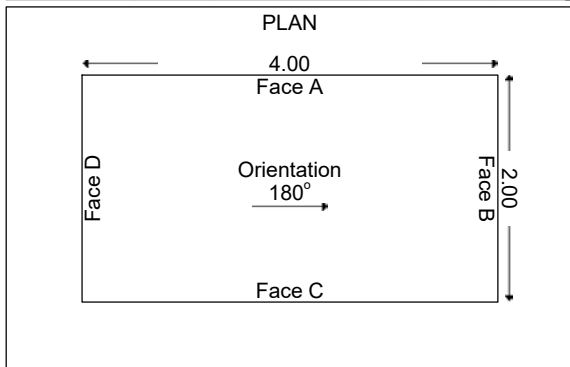
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710
 Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454451.197 N:520922.212	PRAIRIE_AUK_TP173
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.407	Start Date: 09/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.60	J1	<0.1ppm		11.31	[Cross-hatched pattern]	0.10	MADE GROUND (Brown clayey sand with many rootlets. Sand is fine to coarse and includes ash). MADE GROUND (Grey gravel. Gravel is medium to coarse subangular to subrounded and includes slag. Slag content is 75-100%. Slag is vesicular). Soft to firm brown grey thinly and thickly interbedded SILT and CLAY with occasional sand lenses. at c.0.80m BGL ... very sandy gravel with clay pockets.
0.80	B2			11.01		0.40	
0.90	ES3						
0.90	PID						
1.40	J4						
1.50	HSV*						
1.80	B5					(2.30)	
2.40	J6						
2.50	HSV*			8.71		2.70	Complete at 2.70m 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
(1) Material too friable/sandy for HSV testing.

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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454451.197 N:520922.212		PRAIRIE_AUK_TP173
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.407	Start Date: 09/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP173.1
PRAIRIE_AUK_TP173



Figure PRAIRIE_AUK_TP173.2
PRAIRIE_AUK_TP173





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454451.197 N:520922.212		PRAIRIE_AUK_TP173
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.407	Start Date: 09/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP173.3
PRAIRIE_AUK_TP173 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

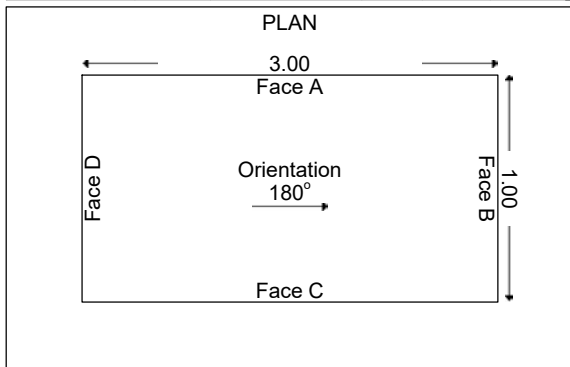
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710
 Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454464.960 N:520888.025	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 11.852	Start Date: 08/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA					
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description	
0.40	J1			11.75		0.10	MADE GROUND (Brown clayey sand with many rootlets. Sand is fine to coarse and includes ash).	
0.60	B2					(1.00)	MADE GROUND (Brown grey black sandy gravel and cobbles with rebar noted (20mm) with fragments of metal and wood. Sand is fine to coarse. Gravel is fine to coarse of clinker, ash, coal, concrete, red brick and slag. Slag content is 0-25%. Slag is vesicular grey).	
0.80	ES3	<0.1ppm			10.75		1.10	Soft (friable) grey brown mottled clayey SILT with CLAY interbeds and yellow sand lenses. Sand is fine to coarse. at c.1.20m BGL ... clay is of low to intermediate plasticity.
0.80	PID							
1.20	J4							
1.40	B5							
1.60	ES6	<0.1ppm					(1.50)	
1.60	PID							
					9.25		2.60	Complete at 2.60m BGL.



GROUNDWATER
Groundwater seepage at 2.00m BGL (slight inflow).

STABILITY
Pit sides stable throughout excavation.

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

GENERAL REMARKS
(1) Engineer notes pit moved west by 1m due to old concrete (30mm rebar) foundation uncovered with abandoned electric cables running N-S, adjacent and parallel to foundation.

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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454464.960 N:520888.025		PRAIRIE_AUK_TP174
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.852	Start Date: 08/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP174.1
PRAIRIE_AUK_TP174



Figure PRAIRIE_AUK_TP174.2
PRAIRIE_AUK_TP174





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454464.960 N:520888.025		PRAIRIE_AUK_TP174
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.852	Start Date: 08/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP174.3
PRAIRIE_AUK_TP174 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

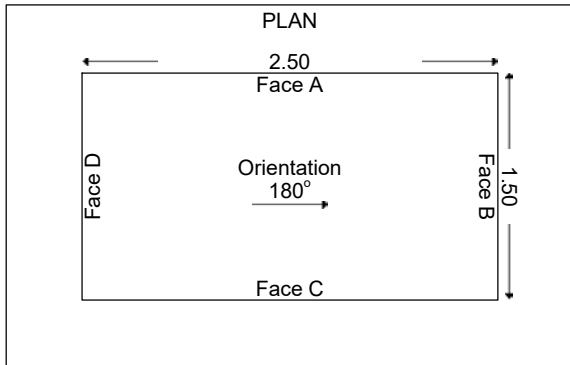
Tel: 0191 387 4700 Fax: 0191 387 4710
 Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454511.473 N:520862.590	PRAIRIE_AUK_TP175
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.085	Start Date: 06/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			Water	STRATA		
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)
0.40	J1		11.79		0.30	MADE GROUND (Brown clayey sand with many rootlets. Sand is fine to coarse and includes ash).
0.60	B2				(0.60)	MADE GROUND (Brown clayey sandy cobbles. Sand is fine to coarse. Gravel is fine to coarse subangular and includes slag, brick and concrete. Cobbles are subangular and include brick and concrete. Slag content is 25-50%. Slag is vesicular. Strong Hydrocarbon odour).
0.80	ES3	101.1ppm	11.19		0.90	at c.0.60m BGL ... loose broken piece of 6" pipe containing black sandy gel like liquid - possibly partially solidified tar/oil.
0.80	PID					Firm brown sandy CLAY with silt lenses. Sand is fine to medium. Engineer notes grades to silt with clay interbeds. Hydrocarbon odour. at c.1.40m BGL ... clay is of intermediate plasticity.
1.40	J4					
1.50	HSV	49 (20)kPa				
1.60	B5					
1.80	ES6					
1.80	PID	5.3ppm				
2.50	HSV*					
2.60	J7				(3.60)	
2.80	B8					
3.50	HSV*					
3.60	J9					
			7.59		4.50	Complete at 4.50m BGL.



GROUNDWATER
 Perched water at 0.90m 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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454511.473 N:520862.590		PRAIRIE_AUK_TP175
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.085	Start Date: 06/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP175.1
PRAIRIE_AUK_TP175



Figure PRAIRIE_AUK_TP175.2
PRAIRIE_AUK_TP175





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454511.473 N:520862.590		PRAIRIE_AUK_TP175
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.085	Start Date: 06/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP175.3
PRAIRIE_AUK_TP175 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

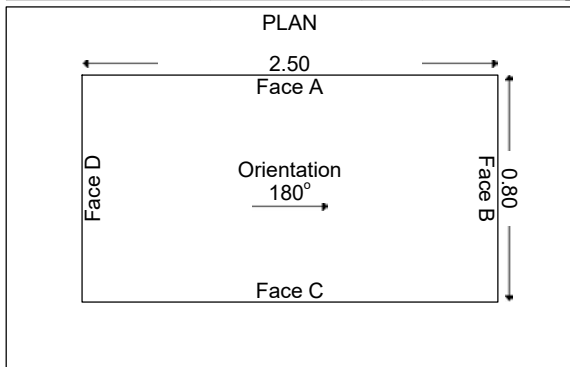
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG **Tel:** 0191 387 4700 **Fax:** 0191 387 4710
Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL **Tel:** 01772 735 300 **Fax:** 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454471.902 N:520790.947	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 12.168	Start Date: 07/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description
0.40 0.50	J1 B2			11.87	[Cross-hatch pattern]	MADE GROUND (Grey gravel. Gravel is fine to coarse subangular to subrounded and includes slag. Slag content is 75-100%. Slag is vesicular).
0.90 0.90	ES3 PID	1.1ppm		11.17	[Cross-hatch pattern]	MADE GROUND (Red, brown and black clayey sandy gravel with fragments of wood. Sand is fine to coarse. Gravel is fine to coarse of clinker, ash, coal, concrete, red brick and slag. Slag content is 0-25%. Slag is vesicular grey). (Engineer notes 150mm cast iron pipe broken and loose in pit).
1.50 1.50	HSV J4	54 (36)kPa		10.17	[X pattern]	Soft to firm grey brown mottled slightly sandy silty CLAY with traces of organic debris.
2.00	B5					Complete at 2.00m 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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454471.902 N:520790.947		PRAIRIE_AUK_TP176
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.168	Start Date: 07/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP176.1
PRAIRIE_AUK_TP176



Figure PRAIRIE_AUK_TP176.2
PRAIRIE_AUK_TP176





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454471.902 N:520790.947		PRAIRIE_AUK_TP176
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.168	Start Date: 07/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP176.3
PRAIRIE_AUK_TP176 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

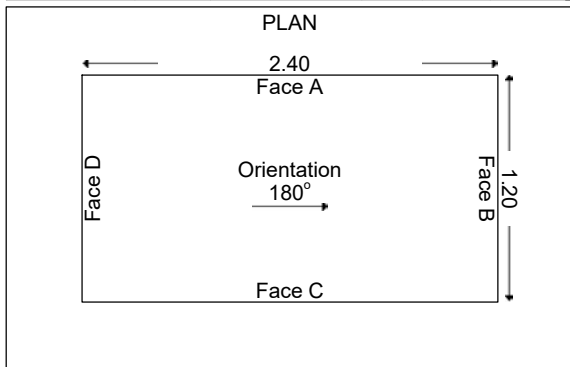
Tel: 0191 387 4700 Fax: 0191 387 4710
 Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP177	
Client: South Tees Development Corporation		Location: E:454522.291 N:520695.237	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 12.982	Start Date: 07/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA					
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description	
0.50	J1	1.1ppm		12.88		0.10	MADE GROUND (Brown clayey sand with many rootlets. Sand is fine to coarse and includes ash).	
0.60	ES2			12.58		0.40		MADE GROUND (Grey gravel. Gravel is coarse and includes slag. Slag content is 75-100%. Slag is vesicular (used as ballast)).
0.70	PID			12.18		(0.40)		MADE GROUND (Red brown black sandy gravel. Sand is fine to coarse. Gravel is fine to medium and includes clinker, ash, coal, concrete and slag. Slag content is 0-25%).
0.90	B3			11.78		(0.40)		MADE GROUND (Soft to firm brown grey mottled dark grey slightly sandy clay. Sand is fine to medium). at c.0.90m BGL ... clay is of high plasticity.
1.00	J4			10.68		(1.10)		MADE GROUND (Grey gravel with cobbles and boulders. Gravel is fine to coarse subangular and includes slag. Cobbles are angular to subangular and include slag. Boulders are subangular to subrounded of slag. Slag content is 100%. Slag is vesicular).
1.40	J6	<0.1ppm					Terminated at 2.30m BGL - due to instability and proximity to services.	
1.80	B7							
1.90	ES8							
1.90	PID							



GROUNDWATER
 Saturated strata at 1.40m BGL (heavy inflow).

STABILITY
 Pit sides 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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454522.291 N:520695.237		PRAIRIE_AUK_TP177
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.982	Start Date: 07/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP177.1
PRAIRIE_AUK_TP177



Figure PRAIRIE_AUK_TP177.2
PRAIRIE_AUK_TP177





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454522.291 N:520695.237		PRAIRIE_AUK_TP177
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.982	Start Date: 07/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP177.3
PRAIRIE_AUK_TP177 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

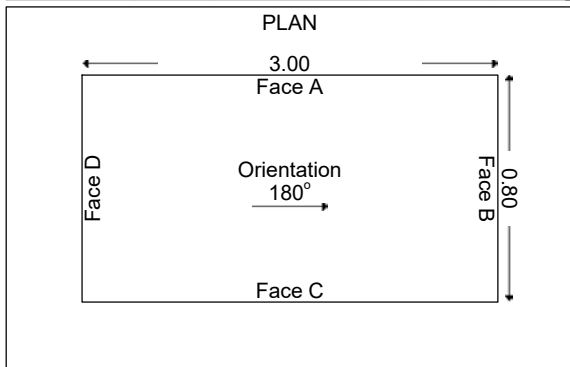
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710
 Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454541.891 N:520667.710	PRAIRIE_AUK_TP178
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 13.162	Start Date: 06/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.40	J1			13.06		0.10	MADE GROUND (Brown clayey sand with many rootlets. Sand is fine to coarse and includes ash).
0.60	B2			12.86		0.30	
0.80	ES3	<0.1ppm				(1.20)	MADE GROUND (Red brown black clayey very sandy gravel. Sand is fine to coarse. Gravel is fine to medium and includes clinker, ash, coal and concrete).
0.80	PID						
1.40	J4			11.66		(1.70)	Firm brown grey mottled dark grey slightly sandy CLAY. Sand is fine to medium. at c.1.60m BGL ... clay is of very high plasticity.
1.60	B5						
1.80	HSV	53 (26)kPa					
2.80	HSV	52 (26)kPa		9.96		(1.30)	Stiff friable red brown slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is fine to coarse subangular and includes sandstone and mudstone.
3.50	HSV*						
				8.66		4.50	Complete at 4.50m BGL.



GROUNDWATER
 Perched water at 1.50m 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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454541.891 N:520667.710		PRAIRIE_AUK_TP178
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 13.162	Start Date: 06/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP178.1
PRAIRIE_AUK_TP178



Figure PRAIRIE_AUK_TP178.2
PRAIRIE_AUK_TP178





ALLIED EXPLORATION & GEOTECHNICS LIMITED

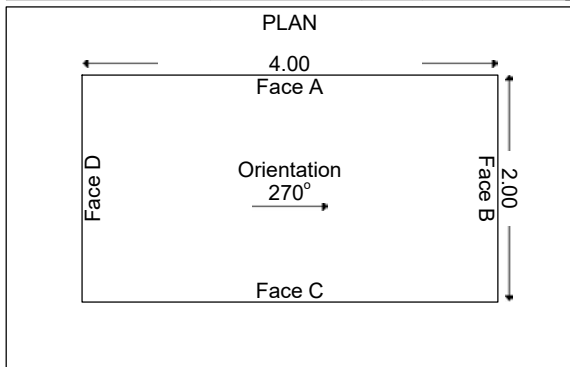
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710
 Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP179	
Client: South Tees Development Corporation		Location: E:454418.321 N:521016.092	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 10.823	Start Date: 09/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA					
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description	
0.20	J1		Water	10.72	[Cross-hatched pattern]	0.10	MADE GROUND (Brown clayey sand with many rootlets. Sand is fine to coarse and includes ash).	
0.40	B2			10.22		0.60	MADE GROUND (Brown clayey/silty very gravelly sand with medium cobble content. Sand is fine to coarse and includes ash. Gravel is fine to coarse subangular and includes red brick, concrete, ash, clinker and slag. Slag content is 0-25%).	
1.00	B3			9.52		1.30	MADE GROUND (Grey cobbles and boulders. Cobbles are subangular and include slag. Boulders are subangular and include slag. Slag is vesicular).	
1.40	ES4	3.8ppm		9.32		1.50	MADE GROUND (Black sandy gravel with fragments of metal. Sand is fine to coarse. Gravel is fine to coarse subangular and include red brick, clinker, ash, concrete and slag. Slag content is 0-25%. Strong hydrocarbon/creosote odour and sheen noted).	
1.40	PID							
1.70	J5					8.82	2.00	Soft to firm brown slightly organic grey mottled black thinly and thickly interbedded SILT and CLAY with occasional sand lenses. Slight hydrocarbon/creosote odour. at c.1.70m BGL ... clay is of high plasticity. <i>Complete at 2.00m BGL.</i>
1.80	B6							
2.00	PID	2.1ppm						
2.00	ES7							
2.00	HSV*							



GROUNDWATER
Saturated strata at 1.20m BGL (heavy 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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454418.321 N:521016.092		PRAIRIE_AUK_TP179
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.823	Start Date: 09/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP179.1
PRAIRIE_AUK_TP179



Figure PRAIRIE_AUK_TP179.2
PRAIRIE_AUK_TP179





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454418.321 N:521016.092	PRAIRIE_AUK_TP179
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.823	Start Date: 09/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP179.3
PRAIRIE_AUK_TP179 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

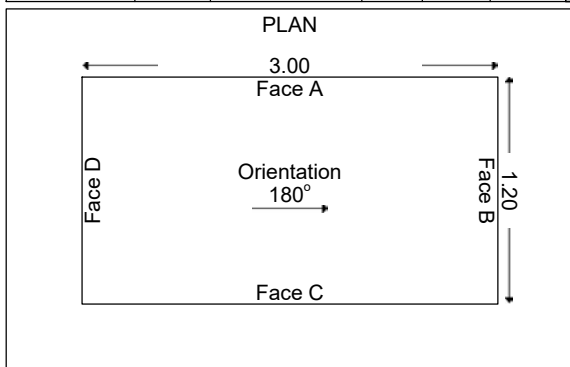
Tel: 0191 387 4700 Fax: 0191 387 4710
 Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP180	
Client: South Tees Development Corporation		Location: E:454435.374 N:521058.356	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 12.569	Start Date: 14/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.10 0.20 0.30 0.30	J1 B2 ES3 PID	<0.1ppm		12.17		0.40	MADE GROUND (Red brown black sandy gravel. Sand is fine to coarse. Gravel is fine to coarse and includes clinker, ash, concrete and slag. Slag content is 0-25%) at c.0.40m BGL ... concrete slab. <i>Terminated at 0.40m BGL - due to concrete base.</i>



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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454435.374 N:521058.356		PRAIRIE_AUK_TP180
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.569	Start Date: 14/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP180.1
PRAIRIE_AUK_TP180



Figure PRAIRIE_AUK_TP180.2
PRAIRIE_AUK_TP180





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454435.374 N:521058.356		PRAIRIE_AUK_TP180
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.569	Start Date: 14/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP180.3
PRAIRIE_AUK_TP180 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

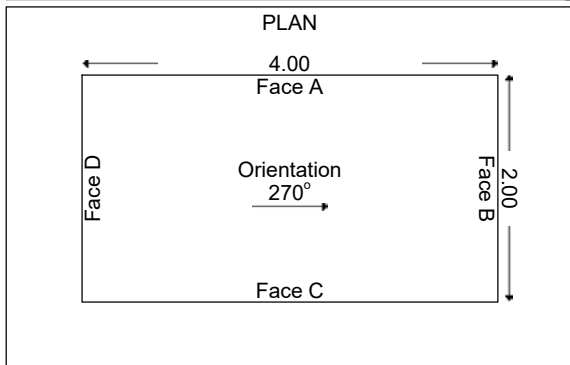
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710
 Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454402.534 N:521065.535	PRAIRIE_AUK_TP181
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.158	Start Date: 09/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			Water	STRATA		
Depth	Type No	Test Result		Reduced Level	Legend	Description
0.30	J1		10.06		0.10	MADE GROUND (Brown clayey sand with many rootlets. Sand is fine to coarse and includes ash).
0.50	B2				(0.70)	MADE GROUND (Brown very sandy gravel. Sand is fine to coarse and includes ash. Gravel is fine to coarse subangular and includes red brick, concrete, ash, clinker and slag. Slag content is 0-25%).
0.60	ES3	<0.1ppm	9.36		0.80	MADE GROUND (Grey cobbles and boulders. Cobbles are subangular and includes slag. Boulders are subangular and includes slag. Slag content is 100%. Slag is vesicular green grey).
0.60	PID				(0.90)	
1.10	B4		8.46		1.70	Firm becoming stiff brown red grey CLAY with occasional sand lenses and interlaminated silt and clay laminae. at c.1.80m BGL ... clay is of intermediate plasticity.
1.80	J5				(1.00)	
2.00	HSV	93 (42)kPa			7.46	2.70
2.00	B6					
2.50	ES7	<0.1ppm				
2.50	PID					



GROUNDWATER
Saturated strata at 1.70m 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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454402.534 N:521065.535		PRAIRIE_AUK_TP181
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.158	Start Date: 09/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP181.1
PRAIRIE_AUK_TP181



Figure PRAIRIE_AUK_TP181.2
PRAIRIE_AUK_TP181





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454402.534 N:521065.535		PRAIRIE_AUK_TP181
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 10.158	Start Date: 09/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP181.3
PRAIRIE_AUK_TP181 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

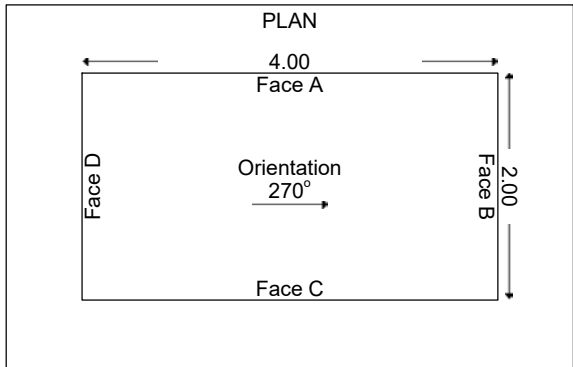
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710
 Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454443.617 N:520943.326	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 11.335	Start Date: 09/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.30	J1			11.24		0.10	MADE GROUND (Brown clayey sand with many rootlets. Sand is fine to coarse and includes ash).
0.60	B2			10.54		0.80	MADE GROUND (Brown grey black clayey very sandy gravel and cobbles with fragments of wood, wood and rebar (10mm). Sand is fine to coarse. Gravel is fine to coarse and includes clinker, ash, coal, concrete, red brick and slag. Slag content is <0-25%. Slag is vesicular grey).
0.90 0.90	ES3 PID	6.2ppm		10.24	1.10	MADE GROUND (Black brown sandy gravel. Sand is fine to coarse. Gravel is fine to coarse subangular and includes brick, concrete, ash, clinker and slag. Slag content is 25-50%. Slag is partially vesicular green grey. Strong hydrocarbon/creosote odour and sheen noted).	
1.30	J4				1.60	Soft to firm brown grey thinly and thickly interbedded SILT and CLAY with occasional sand lenses.	
1.50	HSV*						
1.60	B5						
2.00	ES6						at c.1.30m BGL ... clay is of intermediate plasticity.
2.50	HSV*				8.64		2.70



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
(1) Material too friable/sandy for HSV testing.

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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454443.617 N:520943.326		PRAIRIE_AUK_TP182
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.335	Start Date: 09/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP182.1
PRAIRIE_AUK_TP182



Figure PRAIRIE_AUK_TP182.2
PRAIRIE_AUK_TP182





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454443.617 N:520943.326	PRAIRIE_AUK_TP182
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 11.335	Start Date: 09/04/2020
		Sheet: 3 of 3

Figure PRAIRIE_AUK_TP182.3
PRAIRIE_AUK_TP182 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

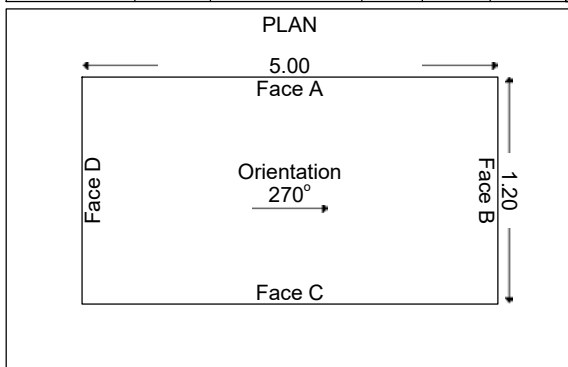
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710
 Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.	
Client: South Tees Development Corporation		Location: E:454449.050 N:521042.255	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 13.301	Start Date: 14/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description
0.50	J1			13.20		MADE GROUND (Brown sand with many rootlets. Sand is fine to coarse and includes ash).
0.80	B2			(0.90)		MADE GROUND (Black brown sandy gravel with high cobble content and fragments of wood. Sand is fine to coarse. Gravel is fine to coarse subangular and includes brick, slag, ash and clinker. Gravel slag content is 50-75%. Cobbles are angular of slag and red brick. Cobble slag content is 0-25%).
				12.30		MADE GROUND (Concrete with 10-20mm rebar. Pit extended to continue excavation).
				11.70		MADE GROUND (Infilled void: red brown cobbles and boulders with fragments of metal. Cobbles are angular and include yellow and red brick. Boulders are angular and include yellow and red brick).
				(2.50)		
				9.20		at c.4.10m BGL ... concrete slab. <i>Terminated at 4.10m BGL - due to concrete slab.</i>



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) Pit extended east by 3.00m to expose a backfilled void beneath concrete between c.1.60-4.10m BGL.

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



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454449.050 N:521042.255		PRAIRIE_AUK_TP183
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 13.301	Start Date: 14/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP183.1
PRAIRIE_AUK_TP183



Figure PRAIRIE_AUK_TP183.2
PRAIRIE_AUK_TP183





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454449.050 N:521042.255		PRAIRIE_AUK_TP183
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 13.301	Start Date: 14/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP183.3
PRAIRIE_AUK_TP183 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

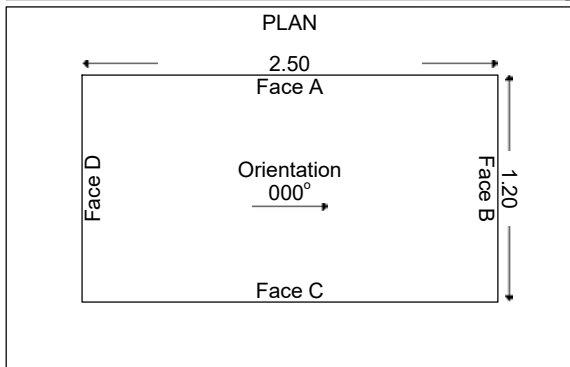
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710
 Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454469.256 N:520988.871	PRAIRIE_AUK_TP184
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 13.090	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 0.30 0.30	J1 ES2 PID	<0.1ppm		12.69		0.40	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 grey)
0.80	B3			11.99		1.10	MADE GROUND (Brown red sandy gravel with high cobble content. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red and yellow brick. Cobbles are angular and include red and yellow brick). at c. 1.10m BGL ... concrete with possible old rawl bolt holes (steel erecting points). Engineer notes that when probed the holes indicate a void below concrete to approximately 4.30m BGL. <i>Terminated at 1.10m BGL - due to concrete obstruction.</i>



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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454469.256 N:520988.871	PRAIRIE_AUK_TP184	
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 13.090	Start Date: 16/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP184.1
PRAIRIE_AUK_TP184



Figure PRAIRIE_AUK_TP184.2
PRAIRIE_AUK_TP184





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454469.256 N:520988.871		PRAIRIE_AUK_TP184
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 13.090	Start Date: 16/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP184.3
PRAIRIE_AUK_TP184 - Spoil





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

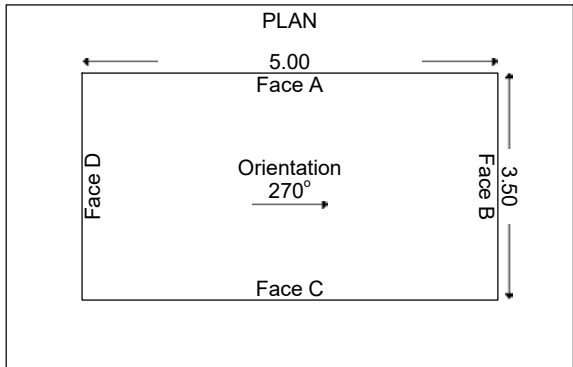
Tel: 0191 387 4700 Fax: 0191 387 4710
Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP185	
Client: South Tees Development Corporation		Location: E:454481.915 N:520916.920	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 12.725	Start Date: 08/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
				12.53		0.20	MADE GROUND (Brown clayey sand with many rootlets. Sand is fine to coarse and includes ash).
						(1.80)	MADE GROUND (Red and yellow cobbles and boulders. Cobbles are angular and include red and yellow brick and coke. Boulders are angular and include red and yellow brick).
				10.73		2.00	
						(0.40)	MADE GROUND (Concrete foundation. Engineer notes slab runs north-south adjacent to concrete vertical wall).
				10.33		2.40	at c.2.00-2.40m BGL ... pit extended east to uncover edge of foundation (5m long). Foundation broken through to reveal underlying clay stratum.
3.00	J1					(1.60)	MADE GROUND (Soft to firm brown slightly sandy slightly gravelly clay with low cobble content. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red brick and coke. Cobbles are angular and include red brick).
3.50	B2						
4.10	J3			8.73		4.00	Friable interbedded brown SILT and laminated CLAY.
4.20	B4					(0.50)	
4.30	ES5			8.23		4.50	Complete at 4.50m BGL.
4.30	PID	<0.1ppm					



GROUNDWATER
No groundwater inflow observed.

STABILITY
Pit sides unstable between 0.00-2.00m BGL. Stable between 2.00-4.50m BGL.

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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454481.915 N:520916.920		PRAIRIE_AUK_TP185
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.725	Start Date: 08/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP185.1
PRAIRIE_AUK_TP185



Figure PRAIRIE_AUK_TP185.2
PRAIRIE_AUK_TP185





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454481.915 N:520916.920		PRAIRIE_AUK_TP185
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.725	Start Date: 08/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP185.3
PRAIRIE_AUK_TP185 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

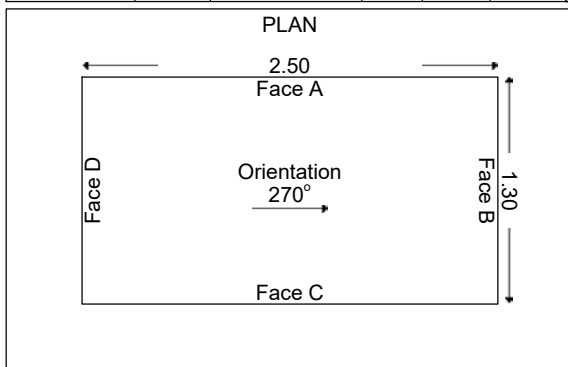
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710
 Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No.
Client: South Tees Development Corporation	Location: E:454477.645 N:520853.859	PRAIRIE_AUK_TP186
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.310	Start Date: 07/04/2020
		Sheet: 1 of 3

SAMPLES & TESTS			STRATA				
Depth	Type No	Test Result	Water	Reduced Level	Legend	Description	
0.35	J1	5.1ppm		12.01		MADE GROUND (Brown slightly clayey sand with many rootlets. Sand is predominantly ash).	
0.40	B2			11.71		MADE GROUND (Red brown black sandy gravel with fragments of wood and rebar (30mm). Sand is fine to coarse. Gravel is fine to coarse and includes clinker, concrete, red brick and slag. Slag content is 0-25%. Slag is vesicular grey and green).	
0.50	ES3						
0.50	PID						
1.00	EW4						
						MADE GROUND (Grey cobbles and boulders. Cobbles are angular and includes red brick and concrete. Boulders are angular and include concrete with 10-20mm rebar).	
						at c. 1.80m BGL ... concrete base/slab. Terminated at 1.80m BGL - due to concrete slab.	



GROUNDWATER
 Saturated strata at 1.00m BGL (moderate inflow) - water exists in what is thought to be a backfilled basement/cellar.

STABILITY
 Pit sides 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
--	---	---------------------------	-----------------------------	-----------------------------



ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454477.645 N:520853.859		PRAIRIE_AUK_TP186
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.310	Start Date: 07/04/2020	Sheet: 2 of 3

Figure PRAIRIE_AUK_TP186.1
PRAIRIE_AUK_TP186



Figure PRAIRIE_AUK_TP186.2
PRAIRIE_AUK_TP186





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

Tel: 0191 387 4700 Fax: 0191 387 4710
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:454477.645 N:520853.859		PRAIRIE_AUK_TP186
Method (Equipment): Machine Excavated (360 Tracked Excavator)	Ground Level (m): 12.310	Start Date: 07/04/2020	Sheet: 3 of 3

Figure PRAIRIE_AUK_TP186.3
PRAIRIE_AUK_TP186 - Spoil





ALLIED EXPLORATION & GEOTECHNICS LIMITED

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

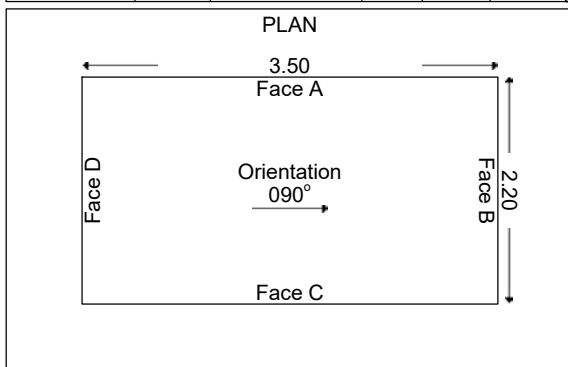
Tel: 0191 387 4700 Fax: 0191 387 4710
 Tel: 01772 735 300 Fax: 01772 735 999

TRIAL PIT RECORD

Status:-
FINAL

Project: Prairie Site Ground Investigation Works		Exploratory Hole No. PRAIRIE_AUK_TP187	
Client: South Tees Development Corporation		Location: E:454559.634 N:520971.721	
Method (Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 11.120	Start Date: 20/04/2020
		Sheet: 1 of 3	

SAMPLES & TESTS			STRATA					
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description	
0.50	J1	1.3ppm		10.77		0.35	MADE GROUND (Grey sandy gravel. Sand is fine to coarse subangular and includes slag, concrete, ash and coke. Slag content is 25-50%. Slag is vesicular grey).	
0.50	PID			10.32		(0.45)	MADE GROUND (Brown black 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).	
0.60	B2	0.2ppm		9.92		1.20	MADE GROUND (Soft to firm grey mottled black silty clay).	
0.70	ES3			9.32		(0.60)	Firm laminated brown CLAY with yellow brown fine to coarse sand lenses.	
1.00	J4			9.32		1.80		Complete at 1.80m BGL.
1.10	PID							
1.30	B5							
1.50	J6							
1.80	B7							
	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
--	---	---------------------------	-----------------------------	-----------------------------