Status:-

G	TRI	FINAL			
Project:	: Prairie Site Ground Inve	Exploratory Hole No.			
Client:	South Tees Development Corporation	Location:	E:455108.905 N:521613.04	6	PRAIRIE_AUK_TP109
Method	(Equipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 9.164	Start Date: 21/04/2020	Sheet: 3 of 3



Status:-

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TRIAL PIT RECORD **FINAL** Project: Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP110 South Tees Development Corporation E:455001.878 N:521603.274

Method (Equipm	nont):						Ground Le	.070 IV.JZ IUUJ.Z	Start Date:	Sheet:		
metriou (Equipii		e Excavated (3	60 Tracl	ked Exc	avator)		Ground Le	8.856	21/04/2020	Sileet.	1 of 3	
SAMPLES & TESTS					STRATA							
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	epth kness) Description					
0.50 0.50 1.00 1.00 1.00	J1 PID B2 ES3 PID	<0.1ppm				([2.10)	Gravel is fin concrete. SI with occasio include cond	e to coarse subar ag content is 50- nal rust (iron) pa crete and cement	ngular and inc 75%. Slag is v rticles. Cobble ed slag).	eludes red resicular (es are sub	green grey white	
1.50 1.50	J4 PID	<0.1ppm				¢ ¢ ¢	from c.1.50r	n BGL slightly	sandy.			
2.50 2.50 2.50 2.80 3.00 3.00 3.50 3.50 4.00 4.00 4.00 4.50 4.50	J6 PID ES7 B8 HSV PID J9 PID B10 ES11 HSV PID J12 PID	0.3ppm 59 (18)kPa 0.2ppm <0.1ppm 49 (12)kPa <0.1ppm 0.1ppm		4.36		(2.40)	sandy slight wood. Grave coal, slag, c	UND (Soft to firm by gravelly clay will be sined to coarse oke and red brick of the soft o	th fragments of subangular ass.	of pottery	, metal and	
•	_	PLAN 3.10 Face A					NDWATER undwater inflov	v observed.				
Orientation 188° 188° Face C					STABII Pit side		ble throughout exc	cavation.				
	ADDIT	TIONAL INFOR	MATIOI	N		GENE	RAL REMARI	(S				
Sketch Dia			Sketch Ta									
Photograp	phs:	Yes		See add shee								
	ensions in Scale 1:50					of symbo see Key S		Checked by:	Logged K. Russell	d by: I-Clamp	Contract No. 4251	

TRIAL PIT RECORD **FINAL** Project: Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP110 South Tees Development Corporation E:455001.878 N:521603.274 Start Date: 21/04/2020 Method (Equipment):

Machine Excavated (360 Tracked Excavator) Ground Level (m): 8.856 2 of 3





ALLIED EXPLORATION & GEOTECHNICS LIMITED Head Office: Regional Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710 Tel: 01772 735 300 Fax: 01772 735 999

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



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	TRI	FINAL			
Project:	Prairie Site Ground Inve	Exploratory Hole No.			
Client:	South Tees Development Corporation	Location:	E:454901.611 N:521593.47	3	PRAIRIE_AUK_TP111
Method (Ed	quipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.252	Start Date: 22/04/2020	Sheet: 1 of 3

Machine Excavated (360 Tracked Excavator)							8.252	22/04/2020	1 of 3		
SAM	SAMPLES & TESTS							STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)		De	escription		
0.40 0.40 0.60	J1 PID B2	<0.1ppm		7.45		(0.80)	to coarse. G includes red vesicular gre	ravel is fine to coar brick, concrete and ey green white).	rse subangula d slag. Slag c	avelly sand. Sand is fine ar to subrounded and ontent is 0-25%. Slag is	
1.00 1.00	J3 PID	0.1ppm				(1.20)	content and coarse. Gravincludes ash	fragments of wood yel is fine to coarse n, macadam, red br	l, nails and me subangular t ick, concrete,	etal. Sand is fine to to subrounded and coke and slag. Cobbles	
1.50 1.50 1.60	ES4 PID B5	0.2ppm		6.25		2.00	content is 0-	25%. Slag is vesic	ular grey gree	•	
2.00 2.00	J6 PID	<0.1ppm				- - -		orange brown mottl GL clay if of inte			
2.50 2.60	HSV B7	70 (30)kPa				(1.20) - - -					
3.00 3.00 3.00	J8 HSV PID	101 (32)kPa <0.1ppm		5.05		3.20	Complete at	3.20m BGL.			
						-					
		PLAN					NDWATER indwater inflow	observed.			
Face A Orientation 188° R B Orientation B Orientation B Orientation Orientation B Orientation Or				STABII Pit side		ble throughout exca	vation.				
		Face C			→						
	ADDIT	IONAL INFOR	MATIO	N		GENERAL REMARKS					
Sketch Diag	gram:	No S	Sketch T	aken							
Photograp	ohs:	Yes		See add shee							
	All dimensions in metres Scale 1:50 For explanation of symbols abbreviations see Key Sh					ls and neets	Checked by:	Logged K. Russell-	by: Contract No. Clamp 4251		

TRIAL PIT RECORD **FINAL** Project: Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP111 South Tees Development Corporation E:454901.611 N:521593.473 Start Date: 22/04/2020 Method (Equipment):

Machine Excavated (360 Tracked Excavator) 2 of 3





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TRIAL PIT RECORD **FINAL** Project: Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP111 South Tees Development Corporation E:454901.611 N:521593.473 Method (Equipment):
Machine Excavated (360 Tracked Excavator) Start Date: 22/04/2020 3 of 3





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G	TRI	FINAL			
Project:	Prairie Site Ground Inve	Exploratory Hole No.			
Client:	South Tees Development Corporation	Location:	E:454830.544 N:521581.11	2	PRAIRIE_AUK_TP112
Method (Equ	uipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.900	Start Date: 22/04/2020	Sheet: 1 of 3

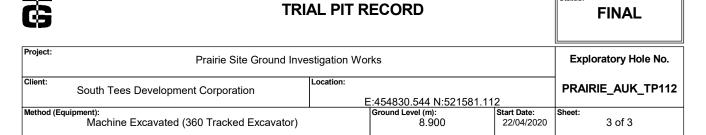
lethod (Equipment): Machine Excavated (360 Tracked Excavator)						Ground	d Level (m): 8.900	Start Date: 22/04/2020	Sheet:	1 of 3	
SAMPLES & TESTS					STRATA						
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)		С	escription		
0.50 0.50 0.70	J1 PID B2	<0.1ppm		8.10		(0.80) c (0.80) r - 0.80 y	and fragm coarse su refractory /ellow bri white).	ROUND (Brown sand nents of metal, plastic bangular and include bricks. Cobbles are ck. Slag content is 0-	c, tin cans and es red brick, of subangular a 25%. Slag is	d nails. G concrete, ind includ vesicular	ravel is fine to slag and e concrete and grey green
1.00 1.00 1.50	J3 PID	<0.1ppm				(1.10) f	of metal, ine to coaconcrete,	ROUND (Black claye) nails, plastic and cera arse subangular to su refractory brick and s grey green white).	amic. Sand is ubrounded ar	fine to condition	oarse. Gravel is es ash, red brick,
1.50 1.70 2.00	PID B5 J6	<0.1ppm		7.00		1.90 N	MADE GF	ROUND (Black grave			
2.00 2.10 2.10 2.30	PID ES7 PID B8	0.5ppm 0.9ppm	<u></u>	6.50		2.40 r	macadam	ge brown mottled gre	dour noted).		
2.50 2.70 2.70 3.00 3.00 3.10	HSV J9 PID J10 PID HSV	76 (38)kPa <0.1ppm <0.1ppm 56 (24)kPa		5.50	× × × × × × × × × × × × × × × × × × ×	70 70)	at c.2.70n	m orange mottled bro n BGL clay is of hi n BGL clay/silt is o	gh plasticity.		
•		PLAN 2.60 Face A			<u> </u>		DWATEFike at 2.40				
Face D		Orientation		T dCt	— 1.40 ·	STABILIT		stable throughout exca	nuation.		
		Face C				Fit sides	anu base	stable tilloughout exce	avauon.		
	ADDIT	IONAL INFORI	MATIO	N_		GENERAL REMARKS					
Sketch Diag	gram:	No S	Sketch Ta	aken							
Photograp	ohs:	Yes		See add shee							
	nsions in scale 1:50		<u>'</u>	For exp abbrev	lanation iations s	of symbols see Key She	and eets	Checked by:	Logged K. Russell		Contract No. 4251

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





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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: 01772 735 300 Fax: 01772 735 999

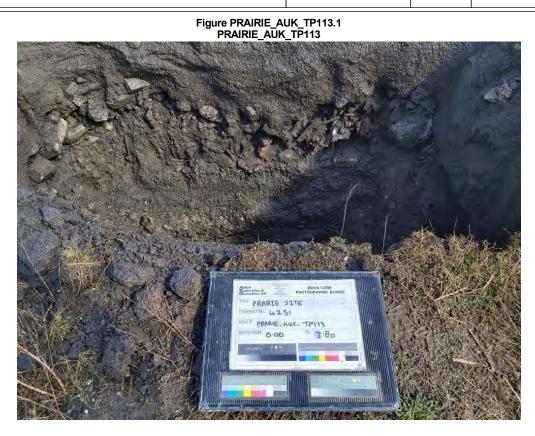
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Status:-TRIAL PIT RECORD **FINAL** Project: Prairie Site Ground Investigation Works Exploratory Hole No. Client: Location: PRAIRIE_AUK_TP113 South Tees Development Corporation Method (Equipment): Machine Excavated (360 Tracked Ex Start Date:

	Machine	Excavated (36	30 Trac	ked Exc	cavator)		Ground Le	8.160	06/04/2020	Sneet:	1 of 4
SAN	//PLES &	TESTS					<u>'</u>	STRATA		1	
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)		D	escription		
0.05 0.05	J1 B2			8.06			MADE GRO Fragments of is fine to coa	UND (Grass over UND (Dark brown of metal.Sand is fin arse subangular ar d slag. Slag conter	gravelly sand the to coarse and include sa	d with low and includendstone,	des ash. Gravel ash, red brick,
0.80	J3						and include	red brick, concrete	and slag).		g
1.10	B4					(2.20)		50			
1.30 1.30	PID ES5 B6	<0.1ppm	<u>‡</u>				boulders are fused slag. at c.1.50-2.3	n BGL high coble subangular and in 60m BGL Faces e to coarse subang	nclude concr B and C: Wh	ete, brick nite grey s	and partially sandy gravel.
				5.86		2.30	MADE GRO	UND (Firm orange	hrown elight	tly candy	eliabtly gravelly
2.50	J7					(0.70)	clay). (Possibly Na	atural Ground).			Siightly gravelly
2.80	B8			5.16		3.00	at c.2.50m E from c.2.90r	BGL clay is of int n BGL Face A: s	ermediate plants	asticity. ete plinth	ledge.
						(0.80)	Firm indistin sand lenses	ctly laminated orar with some fine sa	nge brown sa nd on lamina	andy CLA tion surfa	Y with some silty ices.
3.50 3.50 3.80	HSV J9	54 (20)kPa		4.36		3.80		at 3.80m BGL - due			
		PLAN					NDWATER	501			
		3.20 Face A			1	Water st	trike at 1.70m	BGL.			
Face D		Orientation 350°		ے د 0	2.00	OTABU	IT) (
lig.				C		STABIL Pit sides		phout excavation.			
		Face C			_ ↓						
	ADDIT	IONAL INFOR	MATIO	N		GENER	RAL REMARI	(S			
Sketch Diag			etch Tal								
Photograp	ohs:	Yes		See add							
	nsions in Scale 1:50			For exp abbrev	lanation	of symbols see Key Sh	s and leets	Checked by:	Logged K. Russell	d by: -Clamp	Contract No. 4251

TRIAL PIT RECORD **FINAL** Project: Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP113 South Tees Development Corporation E:454694.546 N:521566.242 Start Date: 06/04/2020 Method (Equipment):

Machine Excavated (360 Tracked Excavator) 2 of 4



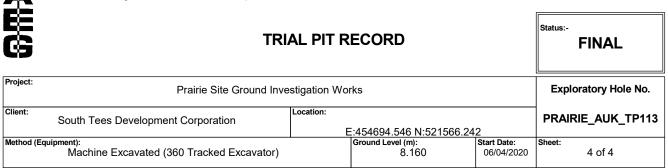


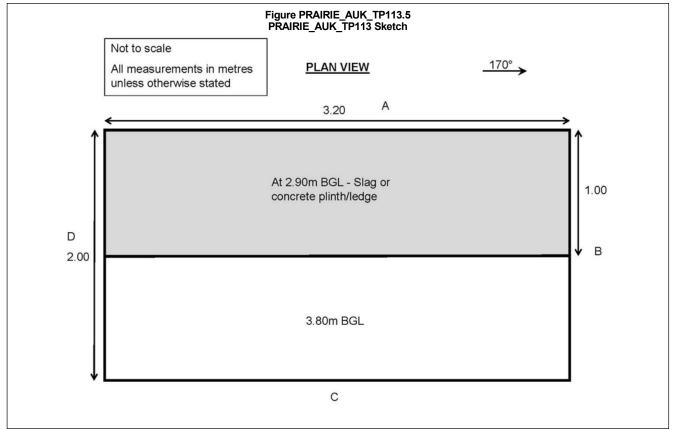
Client:

TRIAL PIT RECORD **FINAL** Exploratory Hole No. Prairie Site Ground Investigation Works Location: PRAIRIE_AUK_TP113 South Tees Development Corporation E:454694.546 N:521566.242 Start Date: 06/04/2020 Method (Equipment): Machine Excavated (360 Tracked Excavator) 3 of 4









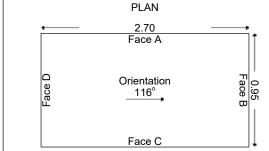
Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG
Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL
Tel: 01913 87 4700 Fax: 01913 87 4700
Tel: 01772 735 300 Fax: 01772 735 999

Status:-

\triangle	Head Office: Regional Office:	ι
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Œ	TRI	TRIAL PIT RECORD							
Project:	Prairie Site Ground Inve	Exploratory Hole No.							
Client:	South Tees Development Corporation	Location:	E:454611.674 N:521563.93	7	PRAIRIE_AUK_TP114				
Method (Ed	quipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 7.756	Start Date: 07/04/2020	Sheet: 1 of 4				

SAMPLES & TESTS						STRATA
Depth Type	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description
0.10 J1 0.10 B2 0.30 J3 0.40 B4 0.50 ES5 0.50 PID 0.90 PID 1.30 J7 1.40 B8	7.2ppm 130.0ppm	*	7.61		(1.85)	MADE GROUND (Grass over brown sandy topsoil). MADE GROUND (Black clayey very sandy gravel with fragments glass, metal and tiles. Sand is fine to coarse. Gravel is fine to coarse subangular and includes red brick, refractory brick, ash and concrete). at c.0.90m BGL clay pipe running from Faces C to A, 300mm diameter. Black tar with hydrocarbon odour noted probably from within the pipe.
						Terminated at 2.00m BGL - due to water ingress and instability.



GROUNDWATER

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

STABILITY Face A unstable from 1.20m BGL.

ADD	ITIONAL INFOR	MATION	GENERAL REMARK	(S		
Sketch Diagram:	Sk	ketch Taken				
Photographs:	Yes	See additional sheets.				
All dimonsions i	in motros	For explanation (of symbols and	Checked by:	I oaged by	Contract No

Scale 1:50 All dimensions in metres For explanation of symbols and abbreviations see Key Sheets	K.W	K. Russell-Clamp	4251
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Head Office: Regional Office Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG

Tel: 0191 387 4700 Fax: 0191 387 4710

TRIAL PIT RECORD

FINAL

Project:

Prairie Site Ground Investigation Works

Exploratory Hole No.

Client:

South Tees Development Corporation

E:454611.674 N:521563.937

Method (Equipment):

Machine Excavated (360 Tracked Excavator)

Ground Level (m):

7.756

7.756

TRIAL PIT RECORD

Exploratory Hole No.

PRAIRIE_AUK_TP114

E:454611.674 N:521563.937

Ground Level (m):

7.756

7.756

7.756

7.756

7.756





TRIAL PIT RECORD **FINAL** Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP114 South Tees Development Corporation E:454611.674 N:521563.937 Method (Equipment): Machine Excavated (360 Tracked Excavator) Start Date: 07/04/2020 3 of 4



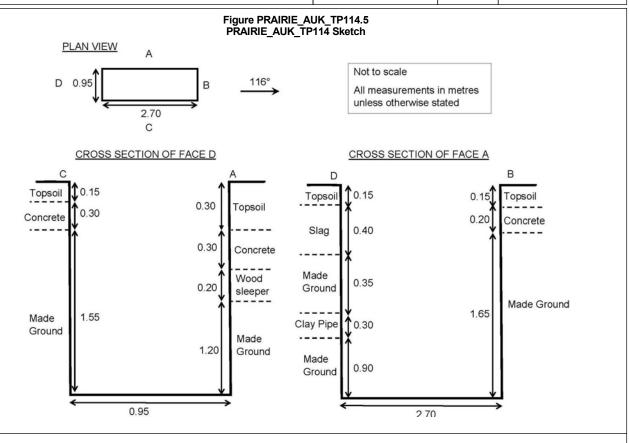


Head Office: Regional Office Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG

Tel: 0191 387 4700 Fax: 0191 387 4710



TRIAL PIT RECORD Project: Prairie Site Ground Investigation Works Exploratory Hole No. Client: South Tees Development Corporation E:454611.674 N:521563.937 Method (Equipment): Ground Level (m): 7.756 Machine Excavated (360 Tracked Excavator) TRIAL PIT RECORD Exploratory Hole No. PRAIRIE_AUK_TP114 E:454611.674 N:521563.937 Ground Level (m): 7.756 7.756 O7/04/2020 4 of 4



	Al	LIED F	Unit 25 St	ella Gill Indust	rial Estate, P		ter-le-Stre		CS LIM 387 4700 Fax: 0191 38' 2 735 300 Fax: 01772 7:	7 4710	
					TR	RIAL PI	TR	ECORD		Status:- FINAL	
Project:			Prairie	e Site Gr	ound In	vestigatio	n Woı	rks		Exploratory Hole No.	
Client:	South Tees	s Developmen	t Corp	oration		Location		E:454493.054 N:521548.	PRAIRIE_AUK_TP115		
Method (Equip		Excavated (36	60 Trad	cked Exc	avator)		_	Ground Level (m): 7.843	Start Date: 08/04/2020	Sheet: 1 of 5	
SA	MPLES &	TESTS						STRATA	•	•	
Depth	Type No	Test Result	Water	Reduced Level				Description			
0.30	J1		<u>‡</u>	7.44		(0.40)	MAI	DE GROUND (Dark brow	n sandy topso	il).	
0.30 0.50 0.80	B2 W9 B3			6.64		(0.80) 	l .	DE GROUND (Yellow gre n c.0.40m BGL Face D	,	,	
1.40 1.70 1.90	J4 B5 PID	<0.1ppm					fine and betv	slag. Slag content is 50-	subrounded ar 75%. Slag is v	nd includes ash, red brick	

(1.90)

Terminated at 3.10m BGL - due to water ingress.

				-					
	PLAN				GROUNDWATER Water strike at 0.30m BGL.				
-	 3.20 Face A		†	vvaler	Strike at 0.30m BGL.				
Face D	Orientation	ם מ מ ס	- 2.40 —	STABI Side A	LITY unstable from c.0.40m BGL.				
	Face C								

ADD	ITIONAL INFOR	MATION	GENERAL REMARKS					
Sketch Diagram:	Sk	xetch Taken	(1) Descriptions repre	sent Face C. Refer to	o following sketches f	or further details.		
Photographs:	Yes	See additional sheets.						
All dimensions in metres For explanation of abbreviations se		of symbols and ee Key Sheets	Checked by:	Logged by: K. Russell-Clamp	Contract No. 4251			

1.90 1.90 2.00

2.40

2.70

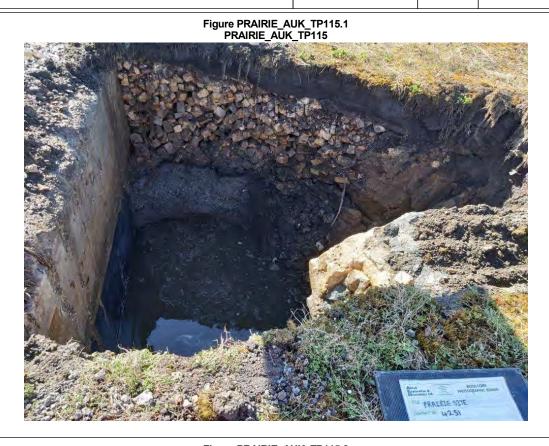
PID ES6 HSV

J7

В8

25 (8)kPa

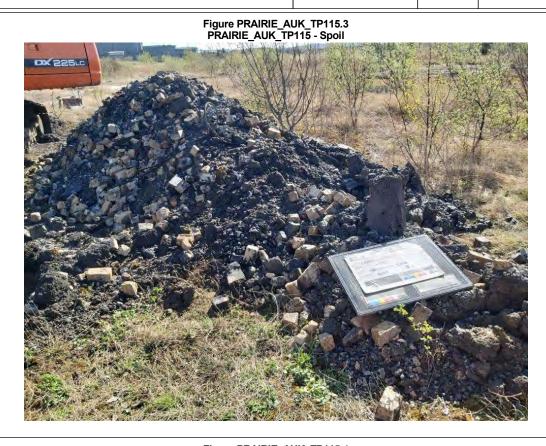
TRIAL PIT RECORD **FINAL** Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP115 South Tees Development Corporation E:454493.054 N:521548.834 Start Date: 08/04/2020 Method (Equipment): Machine Excavated (360 Tracked Excavator) 2 of 5





TRIAL PIT RECORD **FINAL** Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP115 South Tees Development Corporation E:454493.054 N:521548.834 Start Date: 08/04/2020 Method (Equipment):

Machine Excavated (360 Tracked Excavator) 3 of 5



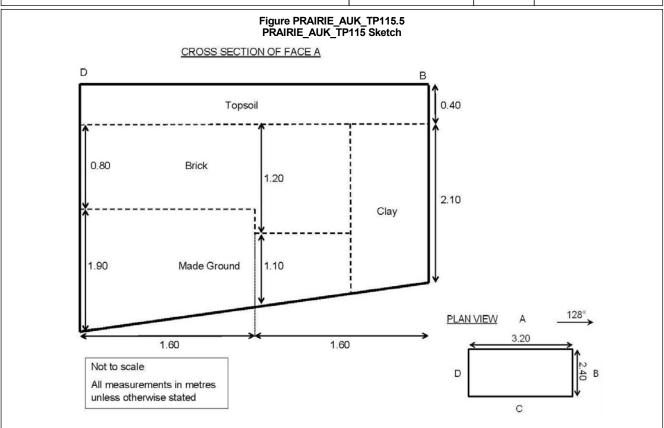


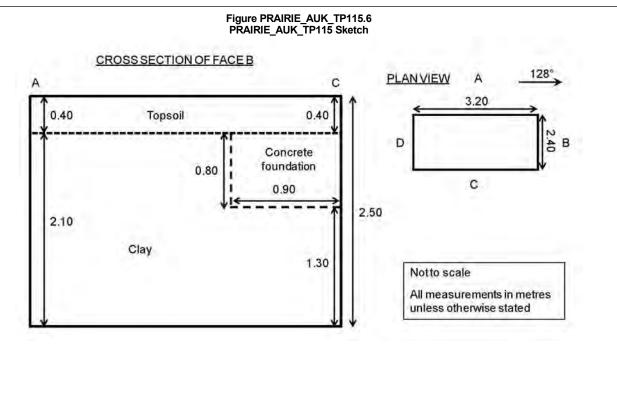
Head Office: Regional Office Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG

Tel: 0191 387 4700 Fax: 0191 387 4710



TRIAL PIT RECORD Project: Prairie Site Ground Investigation Works Exploratory Hole No. Client: South Tees Development Corporation E:454493.054 N:521548.834 Method (Equipment): Ground Level (m): 7.843 Machine Excavated (360 Tracked Excavator) FINAL Exploratory Hole No. PRAIRIE_AUK_TP115

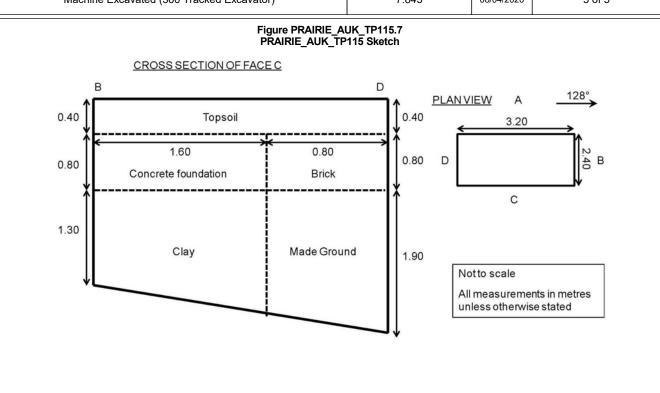


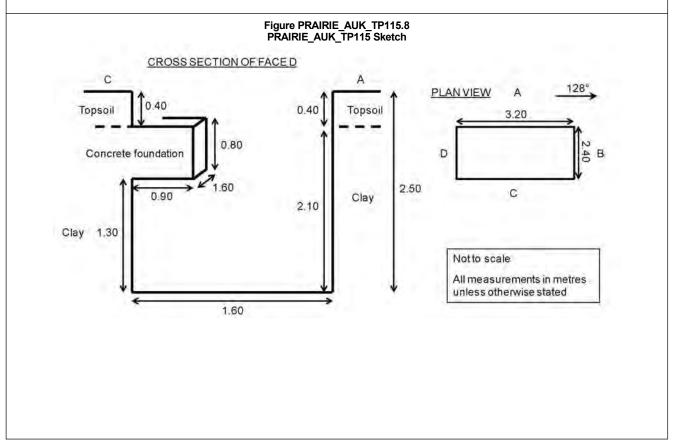


Head Office: Regional Office Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG

Tel: 0191 387 4700 Fax: 0191 387 4710

TRIAL PIT RECORD Project: Prairie Site Ground Investigation Works Exploratory Hole No. Client: South Tees Development Corporation E:454493.054 N:521548.834 Method (Equipment): Ground Level (m): 7.843 Method (Equipment): Start Date: 08/04/2020 To 15 of 5





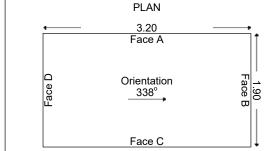
	Head Office: Regional Office:	Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL	Tel: 0191 387 4700 Fax: 0191 Tel: 01772 735 300 Fax: 0177
		TRIAL PIT RECORD	
Project:		Prairie Site Ground Investigation Works	

FINAL Exploratory Hole No.

Status:-

Client:	outh Tee	es Development	Corpo	ration		Location:	E:455046.603 N:521489.50	PRAIRIE_AUK_TP116	
Method (Equipment): Machine Excavated (360 Tracked Excavator)							Ground Level (m): 8.842	Start Date: 23/04/2020	Sheet: 1 of 3
SAMPLES & TESTS							STRATA		

SAM	PLES &	TESTS			STRATA						
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	Description				
0.50 0.50 1.00	J1 PID B2 ES3	5.4ppm				(1.60)	MADE GROUND (Grey brown sandy gravel with medium cobble content. Gravel is fine to coarse subangular to subrounded and includes slag, concrete, red brick and refractory brick. Cobbles are subangular and include slag. Slag content is 50-75%. Slag is vesicular grey green white).				
1.30 1.30 1.50	PID	7.1ppm		7.24		1.60					
1.60 1.60 1.70	J4 J5 PID B6	8.8ppm		7.04		1.80	MADE GROUND (Black brown slightly sandy clayey silt. Organic odour noted). at c.1.60m BGL silt is of intermediate plasticity.				
2.00 2.00 2.00	J7 HSV PID	100 (68)kPa <0.1ppm				(1.10)	Firm to stiff orange brown mottled grey slightly sandy CLAY. at c.2.00m BGL clay is of high plasticity.				
2.50	B8	********				<u>-</u>					
3.00 3.00 3.00 3.50	J9 HSV PID B10	130 kPa <0.1ppm		5.94		2.90	Stiff to very stiff orange slightly sandy slightly gravelly CLAY with coarse gravel sized pockets of orange sand. Gravel is fine to coarse subangular and includes sandstone, coal, mudstone and siltstone. from c.3.00m BGL fissured with grey veins. Clay is of intermediate plasticity.				
3.90	J11			4.94	· · · ·	3.90	Complete at 3.90m BGL.				
5.50	311						Complete at 3.90m BGL.				
			1								



GROUNDWATER No groundwater inflow observed.

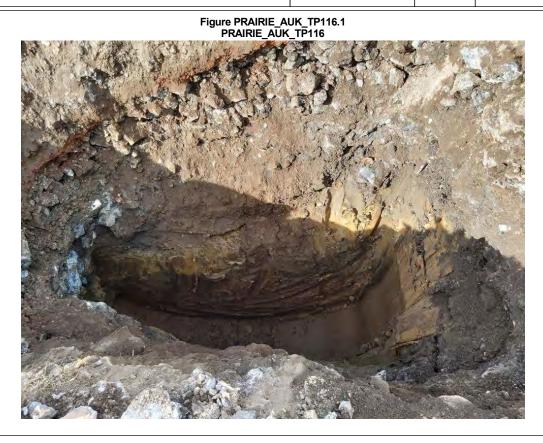
STABILITY
Pit sides and base stable throughout excavation.

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

GENERAL REMARKS

Checked by: Logged by: K. Russell-Clamp Contract No. For explanation of symbols and abbreviations see Key Sheets All dimensions in metres 4251 Scale 1:50

TRIAL PIT RECORD **FINAL** Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP116 South Tees Development Corporation E:455046.603 N:521489.508 Method (Equipment):
Machine Excavated (360 Tracked Excavator) Start Date: 23/04/2020 2 of 3





ALLIED EXPLORATION & GEOTECHNICS LIMITED Head Office: Regional Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710 Tel: 01772 735 300 Fax: 01772 735 999

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



3	TRIAL PIT RECORD									
roject:			Prairie	Site Gr	ound Inv	estigatior	Works		Exploratory Hole No.	
Client:	South Tees	s Development	Corpo	ration		Location:			PRAIRIE_AUK_TP11	
lethod (Equipn	nent):	Excavated (36			cavator)		E:455003.534 N:521496. Ground Level (m): 8.653	122 Start Date: 23/04/2020	Sheet:	
SAN	//PLES & 1	TESTS					STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	<u> </u>	Description		
0.50 0.50 1.00 1.20 1.20 1.50 2.00 2.50 2.80 3.00 3.20	J1 PID B2 ES3 PID J4 B5 PID J6 J7 ES8 PID B9	9.1ppm 10.4ppm 9.6ppm		5.35		(2.60)	MADE GROUND (Black gremedium cobble content. Grasubrounded and includes as and refractory brick. Cobblebrick, macadam, concrete a 75-100%. Slag is vesicular of the cobble content. Gravel subrounded and includes reis 75-100%. Slag is vesicular of the cobble content. Gravel subrounded and includes reis 75-100%. Slag is vesicular of the cobble content. Gravel subrounded and includes reis 75-100%. Slag is vesicular of the cobble content. Gravel subrounded and includes reis 75-100%. Slag is vesicular of the cobble content. Gravel subrounded and includes reis 75-100%. Slag is vesicular of the cobble content. Gravel subrounded and includes reis 75-100%.	ey sandy grave n mottled grey is fine to coars grey green. Sulp	parse subangular to ag, roadstone, macadam ar and include refractory lag. Slag content is phurous odour noted). It with coarse gravel sized slightly sandy clay with e subangular to do concrete. Slag content hite).	
		PLAN					NDWATER water seepage at 2.60m BGL.			

ADD	ITIONAL INFOR	MATION	GENERAL REMARI	KS		
Sketch Diagram:	No :	Sketch Taken				
Photographs:	Yes	See additional sheets.				
All dimensions in metres For explanation of abbreviations se			of symbols and ee Key Sheets	Checked by:	Logged by: K. Russell-Clamp	Contract No. 4251

Print Date and Time: 06/11/2020 14:26:38

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





ALLIED EXPLORATION & GEOTECHNICS LIMITED Head Office: Regional Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710 Tel: 01772 735 300 Fax: 01772 735 999



Project:

Client:

TRIAL PIT RECORD **FINAL** Exploratory Hole No. Prairie Site Ground Investigation Works Location: PRAIRIE_AUK_TP117 South Tees Development Corporation E:455003.534 N:521496.122 | Ground Level (m): 8.653 | S Sheet:



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

Status:-

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Project:

Client:

TRIA	FINAL			
Prairie Site Ground Inves	Exploratory Hole No.			
South Tees Development Corporation	Location:	::454893.854 N:521502.57	8	PRAIRIE_AUK_TP118
oment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.581	Start Date: 23/04/2020	Sheet: 1 of 3

Machine Excavated (360 Tracked Excavator) Screen Strata Strata Date: 2304/2020 Sheet: 1 of 3								E:454893.854 N:521502.57			
Despth Type Test Result Description Description	Method (Equipment): Machine Excavated (360 Tr			0 Trac	Ground Level (m): Start Date: Sheet: 23/04/2020 1 of 3						
MADE GROUND (Grass over topsoil). MADE GROUND (Grow claye) sill to over set of the coarse subangular and includes are subangular and includes mudstone. Organic odour noted. (Possible Made Ground). At c.1.50m BGL clay/sill ti of intermediate plasticity. Firm orange brown motiled grey slightly sandy CLAY. at c.2.20m BGL clay is of high plasticity. Firm orange brown motiled grey slightly sandy CLAY. at c.2.20m BGL clay is of high plasticity. Complete at 3.00m BGL. GROUNDWATER Groundwater seepage at 1.40m BGL.	SAMPLES & TESTS							STRATA			
MADE GROUND (Brown clayey)sility very sandy gravel with low cobble content and fragments of metal. Sand is fine to coarse. Grave subangular to subrounded and includes red brick, concrete, ash, slag and refractory brick. Cobbles are subangular and include red and yellow brick and concrete. Slag content is 0-25%. Slag is vesicular grey green white). 7.18 7.18 7.18 7.18 7.18 7.18 7.18 7.	Depth Type Test No Result			Water	Reduced Level	Legend	Depth (Thickness)	Description			
Face A Groundwater seepage at 1.40m BGL.	0.50 1.00 1.20 1.20 1.50 1.60 1.60 1.60 2.20 2.20 2.50	B2 ES3 PID J4 B5 HSV PID J6 PID B7	<0.1ppm 68 (42)kPa <0.1ppm <0.1ppm		7.18		(1.30) - 1.40 - 1.70 - 1.70 - (1.30)	MADE GROUND (Brown clayer cobble content and fragments is fine to coarse subangular to concrete, ash, slag and refract include red and yellow brick ar Slag is vesicular grey green where the subangular and fine to coarse subangular and noted. (Possible Made Ground). at c.1.50m BGL clay/silt if of Firm orange brown mottled great c.2.20m BGL clay is of high	ey/silty very so of metal. San o subrounded tory brick. Condition concrete. Shite). Ty slightly gravincludes much includes much fintermediate by slightly san of metal.	nd is fine to coarse. Gravel and includes red brick, bbles are subangular and Slag content is 0-25%. velly CLAY/SILT. Gravel is dstone. Organic odour	
	Q		2.80 Face A Orientation			1					

PLAN	
2.80	,
Face A	1
O Orientation 0 346°	1.50 Face B
Face C]↓

ADD	ITIONAL INFORMA	TION	GENERAL REM
Sketch Diagram:			
Photographs:	Yes	See additional	

STABILITY Pit sides and base stable throughout excavation.

ADD	ITIONAL INFORM	MATION	GENERAL REMARK	(S		
Sketch Diagram:	Sketch Diagram: No Sketch Taken					
Photographs:	Yes	See additional sheets.				
All dimensions in metres Scale 1:50 For explanation o abbreviations se				Checked by: K, W	Logged by: K. Russell-Clamp	Contract No. 4251

Project:

Client:

TRIAL PIT RECORD **FINAL** Exploratory Hole No. Prairie Site Ground Investigation Works Location: PRAIRIE_AUK_TP118 South Tees Development Corporation E:454893.854 N:521502.578 Method (Equipment):
Machine Excavated (360 Tracked Excavator) Start Date: 23/04/2020 2 of 3





ALLIED EXPLORATION & GEOTECHNICS LIMITED Head Office: Regional Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710 Tel: 01772 735 300 Fax: 01772 735 999

South Tees Development Corporation

Client:

Location:

TRIAL PIT RECORD Project: Prairie Site Ground Investigation Works

Exploratory Hole No. PRAIRIE_AUK_TP118

FINAL

Method (Equipment):
Machine Excavated (360 Tracked Excavator) Start Date: 23/04/2020 3 of 3

E:454893.854 N:521502.578



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 Tel: 01772 735 300 Fax: 01772 735 999

Status:-

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TRIAL PIT RECORD **FINAL** Project: Prairie Site Ground Investigation Works Exploratory Hole No. Client: Location: PRAIRIE_AUK_TP119 South Tees Development Corporation E:454801.846 N:521499.669 Method (Equipment): Machine Excavated (360 Tracked Excavator) Ground Level (m): 8 925 Start Date: 22/04/2020 1 of 3

Machine Excavated (360 Tracked Excavator)							8.925	22/04/2020	1 of 3			
SAMPLES & TESTS							STRATA					
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)		Description				
0.50 0.50 1.00 1.00	J1 PID B2 PID	<0.1ppm <0.1ppm		8.83		0.10	MADE GRO cobble conte subangular Cobbles are	ent. Sand is fine to to subrounded and	y clayey/silty sa coarse. Grave includes maca clude slag. Sla	andy gravel with low I is fine to coarse adam, ash and slag. ag content is 50-75%.		
1.50 1.50 1.50	ES3 J4 PID	<0.1ppm						n BGL gravelly s				
2.00	B5 PID	<0.1ppm	Ī	6.73		2.20		GL slightly claye brown mottled gre				
2.50 2.50 2.50 2.50 2.50 3.00	J6 ES7 HSV PID B8	47 (20)kPa <0.1ppm		5.73		(1.00) - - - - - - - - - 3.20	at c.2.50m BGL clay is of high plasticity.					
3.00	HSV	65 (22)kPa		3.73		-	Complete at	3.20m BGL.				
						-						
	_	PLAN 2.50					NDWATER strike at 2.20m	BGL				
		Face A Orientation		ת מ	1.50							
Face D		354°,		С	50	STABII Pit side		ble throughout exca	vation.			
		-										
ADDITIONAL INFORMATION					GENE	RAL REMAR	(S					
Sketch Diagra	am:	No Sketch Taken										
Photographs	s:	Yes		See add shee								
All dimensions in metres Scale 1:50 For explanation of symbols and abbreviations see Key Sheets Ch						Checked by:	Logged b K. Russell-C	clamp Contract No. 4251				

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





ALLIED EXPLORATION & GEOTECHNICS LIMITED Head Office: Regional Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710 Tel: 01772 735 300 Fax: 01772 735 999

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



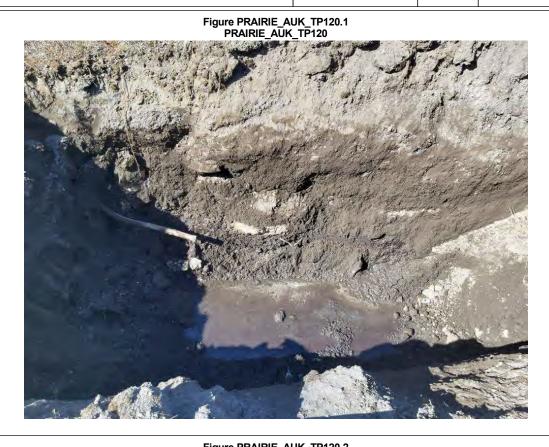


Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG

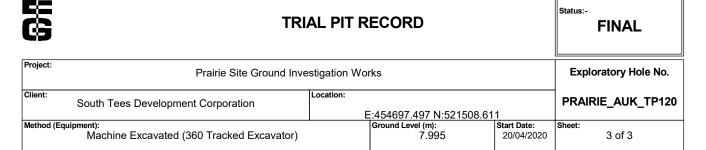
Tel: 0191 387 4700 Fax: 0191 387 4710

#		Regional Office:	Unit 20 Bu	siness Devel	opment Centre	e, Eanam Whai	f, Blackburn, BB1 5BL	Tel: 017	72 735 300 Fax: 01772 73	35 999	
				Status:- FINAL							
Project:	Prairie Site Ground Investigation Works									Exploratory Hole No.	
Client:	Location:									PRAIRIE_AUK_TP120	
Mathad (Cavin	South Tees Development Corporation						E:454697 Ground L	7.497 N:521508	.611 Start Date:	Sheet:	
Wethou (Equi)	ethod (Equipment): Machine Excavated (360 Tracked Excavator)						Glound E	7.995	20/04/2020	1 of 3	
SA	SAMPLES & TESTS							STRATA			
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)			Description		
0.50 0.50 0.80 1.00 1.00	J1 PID B2 ES3 PID J4 PID	<0.1ppm <0.1ppm <0.1ppm		6.50		(1.50) - - - - - - - - - - - - - -	fragments o subangular are subangu vesicular gro at c.1.50m E	f metal. Sand is and includes re ular and include ey green white).	fine to coarse. d brick, ash, cor concrete. Slag	low cobble content and Gravel is fine to coarse norete and slag. Cobbles content is 0-25%. Slag is	
		PLAN					INDWATED.				
Face D		PLAN 3.20 Face A Orientation 242°			1.50		INDWATER dwater seepage	e at 1.50m BGL.			
Fac		Face C		C	00	STAB Pit side		able throughout e	excavation.		
	ADDI	TIONAL INFOR	MATIO	N		GENE	RAL REMARI	KS			
Sketch Di	iagram:	No :	Sketch T	aken							
Photogr	raphs:	Yes		See add							
All dim	nensions ir Scale 1:5			For exp	lanation riations s	of symbo	ols and heets	Checked by	/: Logged K. Russell	d by: Contract No. 4251	

TRIAL PIT RECORD **FINAL** Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP120 South Tees Development Corporation E:454697.497 N:521508.611 Method (Equipment): Machine Excavated (360 Tracked Excavator) Start Date: 20/04/2020 2 of 3









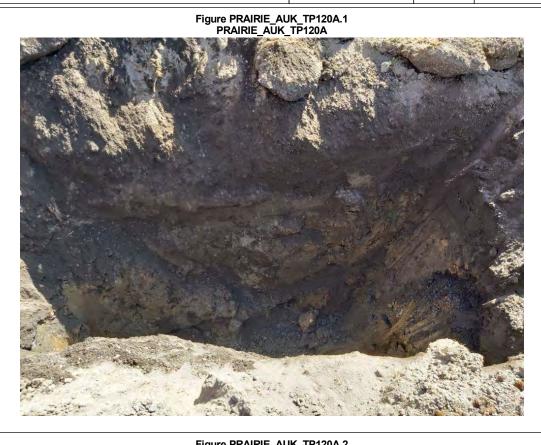
Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Tel: 0191 387 4700 Fax: 0191 387 4710 Init 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL Tel: 01772 735 300 Fax: 01772 735 999

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					TD	IAI DI	T DECORD		Status:-
Œ					IK	IAL PI	T RECORD		FINAL
Project:		Exploratory Hole No.							
Client:	outh Te	es Development	Corpo	oration		Location		70	PRAIRIE_AUK_TP120A
Method (Equipme	ent): Machir	ne Excavated (36	0 Trac	cked Exc	cavator)		E:454697.765 N:521513.77 Ground Level (m): 7.878	Start Date: 20/04/2020	Sheet: 1 of 3
SAM	PLES 8	R TESTS					STRATA		
Depth	Type No	Test Result	Water	Reduced Level		Depth (Thickness)	С	Description	
0.50 0.50 0.80 1.00 1.00	J1 PID B2 ES3 PID	<0.1ppm	1	6.58		(1.30) - - - - - - - - - 1.30	MADE GROUND (Black claye metal. Sand is fine to coarse. subrounded and includes red content is 0-25%. Slag is vesion to the content is 0-25%.	Gravel is fine brick, concrei cular grey gre	to coarse subangular to te, ash and slag. Slag sen white).
1.50 1.50 1.50 1.80	J4 HSV PID B5	62 (22)kPa <0.1ppm	=	5.88		(0.70) - - - 2.00	Soft to firm yellow brown mottl		
2.50 2.50 2.50 2.80	J6 HSV PID B7	74 (18)kPa <0.1ppm		4.98		- - (0.90) - - - 2.90	Firm to stiff thinly laminated or CLAY with fine yellow brown s Complete at 2.90m BGL.	range brown r and on the la	mottled grey slightly sandy minae.
		DI AN					NADWATED.		
		PLAN 3.20			•		INDWATER strike at 1.30m BGL		
		Face A							
Face D		Orientation 300°		a CC E D	1.50	STABI Pit side	LITY es and base stable throughout exca	avation.	
	ADDI	TIONAL INFORM	/ATIC	N		GENE	RAL REMARKS		
Sketch Diag	ram:	No S	ketch T	āken					

ADD	ITIONAL INFORI	MATION	GENERAL REMAR	KS		
Sketch Diagram:	No S	Sketch Taken				
Photographs:	Yes	See additional sheets.				
All dimensions i Scale 1:5	 	For explanation of abbreviations se	of symbols and ee Key Sheets	Checked by:	Logged by: K. Russell-Clamp	Contract No. 4251

TRIAL PIT RECORD **FINAL** Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP120A South Tees Development Corporation E:454697.765 N:521513.778 Method (Equipment): Machine Excavated (360 Tracked Excavator) Start Date: 20/04/2020 2 of 3





South Tees Development Corporation

Method (Equipment):
Machine Excavated (360 Tracked Excavator)

Start Date: 20/04/2020

E:454697.765 N:521513.778

Ground Level (m): 7.878

PRAIRIE_AUK_TP120A

3 of 3

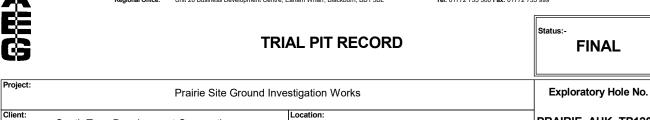


Figure PRAIRIE_AUK_TP120A.3 PRAIRIE_AUK_TP120A - Spoil

PRAIRIE_AUK_TP121

Δ	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 Tel: 01772 735 300 Fax: 01772 73	
		TRIAL PIT RECORD		Status:- FINAL
Project:		Prairie Site Ground Investigation Works		Exploratory Hole No.
Client:		Location:		DDAIDIE ALIK TO40

South Tees Development Corporation

							Ę	:454597.680 N:52	21503.83	6	
Method (Equipr		e Excavated (360) Trac	ked Exc	avator)			Ground Level (m): 8.213		Start Date: 09/04/2020	Sheet: 1 of 3
SAI	MPLES 8	TESTS						STF	RATA		
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)			D	escription	
0.40	J1 B2		<u></u>	7.31		(0.90)	coar and	se. Gravel is fine	to coarse	subangular	r gravel. Sand is fine to and includes red brick sicular grey green white).
1.20	J3		Ŧ			-	suba	angular to subrour	nded and	includes sla	Gravel is fine to coarse g. Slag content is bon odour noted).
1.50 1.50 1.80	PID ES4 B5	<0.1ppm				-	from	include slag.	ow cobbl	e content. C	obbles are subangular
2.20	J6					(3.60)					
2.80	B7 J8					- - - - -					
3.80	B9										
4.20	J10										
4.50	B11			3.71		4.50		nplete at 4.50m BG	GL.		
						- - - - - - - - - -					
		PLAN		1		GROU					
←		2.80 Face A Orientation			1	vvater	strike i	at 0.90m BGL.			
Face D		070°,		α σ	1.60	STABI Pit side	ILITY es stab	ole throughout excav	vation.		
	ADDI	TIONAL INFORM	IATIO	N		GENE	RAL F	REMARKS			
Sketch Dia	gram:	No Sk	etch T	aken							
Photogra	phs:	Yes		See add shee							

For explanation of symbols and abbreviations see Key Sheets

Checked by:

Logged by: K. Russell-Clamp

Contract No.

4251

All dimensions in metres Scale 1:50

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







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



Status:-

FINAL

Exploratory Hole No.

PRAIRIE_AUK_TP122

Δ	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 3 Tel: 01772 735 300 Fax: 01772
		TRIAL PIT RECORD	
Project:		Prairie Site Ground Investigation Works	
Client:		Location:	

South Tees Development Corporation

South Tees Developmen	nt Corpo	oration						PRAIR	RIE_AUK_TP122
Method (Equipment):					E:454506 Ground Le	5.312 N:521498.46 evel (m):		Sheet:	
Machine Excavated (3	60 Trac	cked Exc	cavator)			7.802	08/04/2020		1 of 3
SAMPLES & TESTS					<u> </u>	STRATA			
Depth Type Test No Result	Water	Reduced Level	Legend	Depth (Thickness)		С	escription		
0.40 J1 0.80 B2 1.00 PID <0.1ppm 1.00 ES3	<u>+</u>	6.60		- - - (1.20) - - - - - - - 1.20	fragments of to coarse su refractory bri vesicular gre	UND (Black sandy f wood and metal, bangular to subro ick, slag and conc ey green white. Slig at 1.20m BGL - due	pipes and wo unded and inc rete. Slag con ght hydrocarb	od sleep cludes re itent is 0 on odou	er. Gravel is fine d brick, -25%. Slag is r noted).
PLAN 2.50 Face A			<u> </u>		INDWATER strike at 0.30m	BGL (Heavy inflow).		
Orientation 198° Face C		T accord	1.70	STABI Pit side	LITY es stable throug	hout excavation.			
ADDITIONAL INFOR	RMATIO)N		GENF	RAL REMARK	(S			
	ketch Tal			1	···· • •				
				1					
Photographs: Yes		See add shee							

TRIAL PIT RECORD **FINAL** Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP122 South Tees Development Corporation E:454506.312 N:521498.464 Method (Equipment):
Machine Excavated (360 Tracked Excavator) Start Date: 08/04/2020 2 of 3



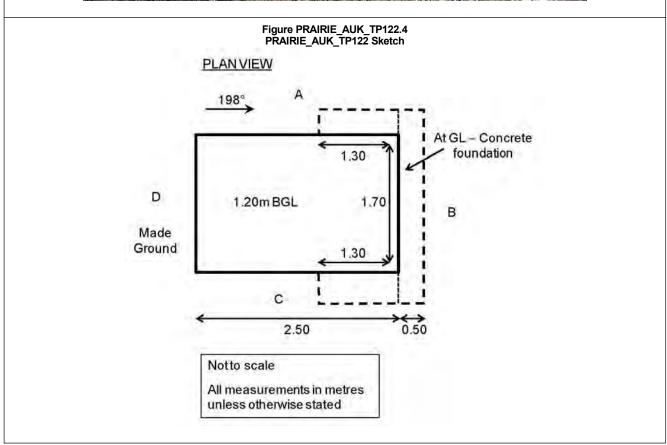




Head Office: Unit 25 Stella Gill Industrial Estate, Pelton Fell, Chester-le-Street, Co. Durham, DH2 2RG Regional Office: Unit 20 Business Development Centre, Eanam Wharf, Blackburn, BB1 5BL Tel: 0191 387 4700 Fax: 0191 387 4710 Tel: 01772 735 390 Fax: 01772 735 399

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





Status:-

A	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: 019 Tel: 01772 735 300 Fax: 017
		TRIAL PIT RECORD	
Project:		Prairie Site Ground Investigation Works	

South Tees Development Corporation

Client:

INIALF	FINAL			
ound Investigatio	n Wor	ks		Exploratory Hole No.
Location		:454400.354 N:521497.9	95	PRAIRIE_AUK_TP123
		Ground Level (m):	Start Date:	Sheet:

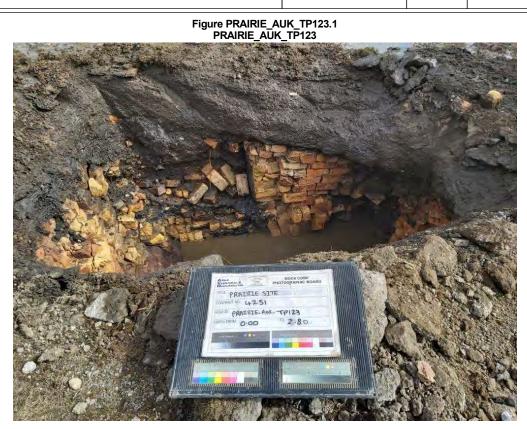
							E:454400.354 N:521497.99	95		
Method (Equipn		e Excavated (36	0 Trac	ked Exc	avator)		Ground Level (m): 8.155	Start Date: 08/04/2020	Sheet:	1 of 3
SAM	MPLES &	TESTS					STRATA	•	•	
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	С	Description		
0.30 0.50 0.60	J1 B2 PID	<0.1ppm	<u>‡</u>	7.36		(0.80)	MADE GROUND (Brown sand Gravel is fine to coarse suban macadam and red and yellow vesicular grey green white. Co	gular and inc brick. Slag co	ludes slag ontent is 0	i, concrete,
1.50	ES3					(2.00)	MADE GROUND (Red and ye (Engineer notes bricks are sta	illow refractor cked - possik	y bricks). Ile structu	re).
				5.36		2.80	Terminated at 2.80m BGL - du	e to brick stru	cture.	
•		PLAN 3.30 Face A			1		NDWATER trike at 0.60m BGL.			
Face D		Orientation 352°		Tace B	2.20	STABIL Pit sides	LITY s stable throughout excavation.			
		Face C								

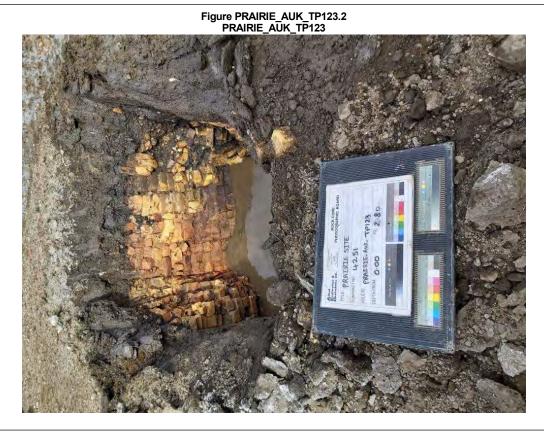
Face	352°,	2.20 → ace B	STABILITY Pit sides stable throughout excavation.
ADD	ITIONAL INFORMATION		GENERAL REMARKS
Sketch Diagram:	No Sketch Taken	1	

See additional sheets. Photographs:

Contract No. 4251 For explanation of symbols and abbreviations see Key Sheets Checked by: Logged by: K. Russell-Clamp All dimensions in metres Scale 1:50

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





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

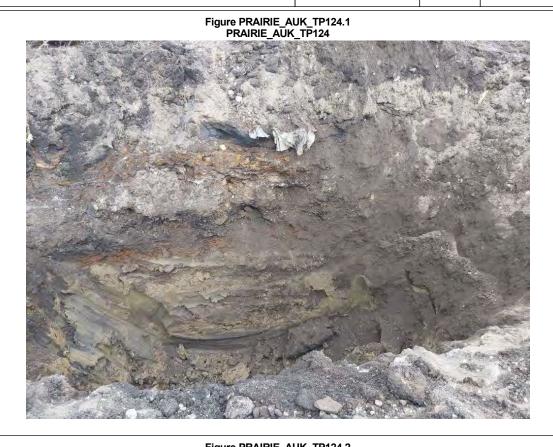


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	TRIAL PIT RECORD									Status:- FINAL		
Project:		Exploratory Hole No.										
Client:	South	PRAIRIE_AUK_TP124										
Method (E	Equipment): Mad	chine	Excavated (36	0 Trac	ked Exc	avator)	.	_	E:454306.625 N:521454 Ground Level (m): 8.269	Start Date: 08/04/2020	Sheet: 1 of 4	
	SAMPLE	S &	TESTS						STRATA	·		
Dept	th Ty	ype No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	,		Description		
0.10 0.20 1.00 1.50 1.50 2.00 2.20 2.50 2.50 2.50	E P E H P E	J1 J3 J3 J3 J6 SV J1D J7 SSV	<0.1ppm 32 (20)kPa <0.1ppm		7.97 6.57		(1.40)	MAI frag to c san	oarse subangular and ir dstone). n indistinctly laminated o	ck clayey very g stic. Sand is fine ncludes red brick	to coarse. Gravel is fine	
	•		PLAN 4.00 Face A			,	GROU No gro		ATER ater inflow observed.			

Face D	Orientation 166° Face C	0.70 ——→ Face B	STABILITY Pit sides stable throug	ghout excavation.			
ADD	ITIONAL INFORM	IATION	GENERAL REMARKS				
Sketch Diagram:	Sket	tch Taken					
Photographs:	Yes	See additional sheets.					
All dimensions in metres Fo Scale 1:50 ab		For explanation of abbreviations se	of symbols and see Key Sheets	Checked by:	Logged by: K. Russell-Clamp	Contract No. 4251	
Print Date a	nd Time: 06/11/2020 14:2		-				

TRIAL PIT RECORD **FINAL** Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP124 South Tees Development Corporation E:454306.625 N:521454.373 Method (Equipment): Machine Excavated (360 Tracked Excavator) Start Date: 08/04/2020 2 of 4





TRIAL PIT RECORD **FINAL** Exploratory Hole No. Prairie Site Ground Investigation Works Client: Location: PRAIRIE_AUK_TP124 South Tees Development Corporation E:454306.625 N:521454.373 Method (Equipment):
Machine Excavated (360 Tracked Excavator) Start Date: 08/04/2020 3 of 4





Figure PRAIRIE_AUK_TP124.4 PRAIRIE_AUK_TP124 - Spoil



South Tees Development Corporation

Client:

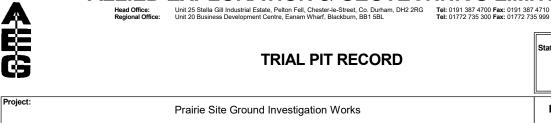
Location:

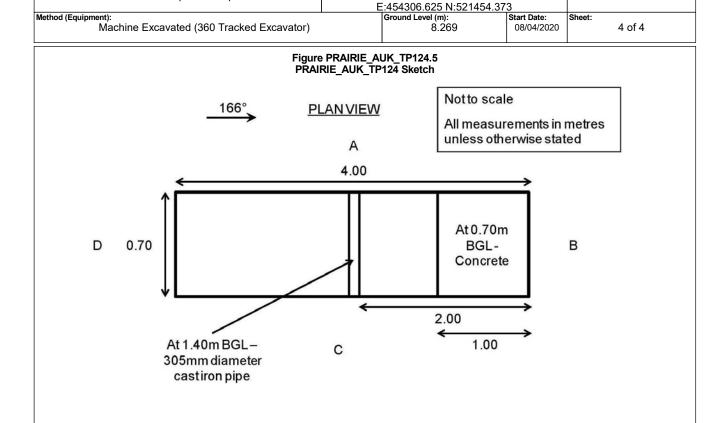
Status:-

FINAL

Exploratory Hole No.

PRAIRIE_AUK_TP124





					f, Blackburn, BB1 5BL Tel: 01772	735 300 Fax: 01772 73	
Head Office: Regional Office:			TR	IAL PI	T RECORD		FINAL
ect:	Prairie	Site Gr	ound Inv	estigation/	n Works		Exploratory Hole No.
t: South Tees Developmer	t Corpo	ration		Location		70	PRAIRIE_AUK_TP125
od (Equipment): Machine Excavated (3	60 Trac	ked Exc	cavator)		E:454246.923 N:521423.87 Ground Level (m): 8.473	Start Date: 09/04/2020	Sheet: 1 of 2
SAMPLES & TESTS					STRATA		
Depth Type Test No Result	Water	Reduced Level	Legend	Depth (Thickness)		Description	
		8.27		0.20	MADE GROUND (Strong grey Terminated at 0.20m BGL - du		
PLAN 6.65 Face A Orientation 240°		Take D	5.00 —	No gro	NDWATER undwater inflow observed.	avation.	
Face C							
ADDITIONAL INFOR	MATIO	N			RAL REMARKS samples taken.		

Į							
	ADD	ITIONAL INFOR	RMATION	GENERAL REMARK			
	Sketch Diagram:	SI	ketch Taken	(1) No samples taken	•		
	Photographs:	Yes	See additional sheets.				
	All dimensions i	in metres	For explanation (of symbols and	Checked by:	Logged by:	Contract No.

For explanation of symbols and abbreviations see Key Sheets dimensions in metres Scale 1:50 K. Russell-Clamp K.W 4251

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: 01772 735 300 Fax: 01772 735 999

Status:-

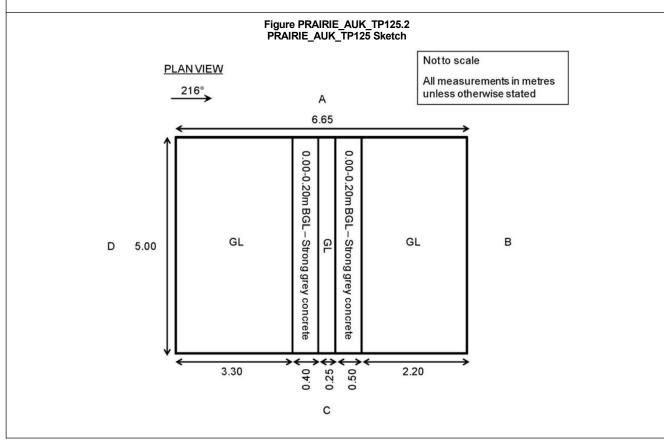
2 of 2



Client:

TRIAL PIT RECORD **FINAL** Prairie Site Ground Investigation Works Exploratory Hole No. Location: PRAIRIE_AUK_TP125 South Tees Development Corporation E:454246.923 N:521423.879 Start Date: 09/04/2020 Method (Equipment): Machine Excavated (360 Tracked Excavator) Ground Level (m): 8.473





Status:-

	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: 019 Tel: 01772 735 300 Fax: 017
		TRIAL PIT RECORD	
Project:		Prairie Site Ground Investigation Works	

Œ					TR	IAL PI	TR	ECORD		F	INAL	_
Project:	Prairie Site Ground Investigation Works											ole No.
Client:	South Tee	s Development	32	PRAIRIE_	_AUK_	_TP125A						
Method (Equipm		Excavated (360	0 Tracl	ked Exc	cavator)	•		Ground Level (m): 8.619	Start Date: 09/04/2020	Sheet:	1 of 3	
SAN	IPLES &	TESTS						STRATA				
Depth	Type No	Test Result	Water	Reduced Level		Depth (Thickness)		С	escription			
0.10 0.20	J1 B2			8.22	IXXXXXI	(0.40) - 0.40	Gra	DE GROUND (Brown grav vel is fine to coarse suban adam and ash).				
						- - - (0.80) -		DE GROUND (Concrete st nm)).	ructure infille	d with with	gravel	
				7.42		1.20		1.20m BGL concrete ba ninated at 1.20m BGL - du		base.		/

Face D	PLAN 2.90 Face A Orientation	Face B		GROUNDWATER No groundwater inflow observed.
Fac		% B	3	STABILITY Pit sides stable throughout excavation.
ADD	ITIONAL INFORMA	TION		GENERAL REMARKS
Sketch Diagram:	No Sket	ch Taken		
Photographs:	Yes	See addition sheets.	nal	

For explanation of symbols and abbreviations see Key Sheets

Checked by:

Logged by: K. Russell-Clamp

Contract No.

4251

All dimensions in metres

Scale 1:50

TRIAL PIT RECORD

FINAL

Project:	Prairie Site Ground Inve	estigation Wo	rks		Explorat	ory Hole No.
Client:	South Tees Development Corporation	Location:	E:454257.923 N:521427.28		PRAIRIE_	AUK_TP125A
Method (Ed	quipment): Machine Excavated (360 Tracked Excavator)		Ground Level (m): 8.619	Start Date: 09/04/2020	Sheet:	? of 3





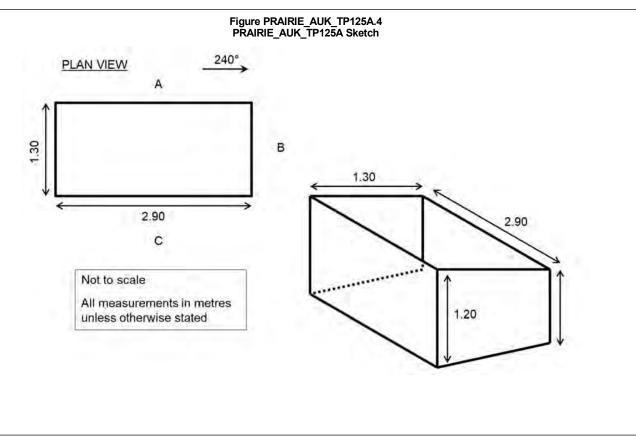
Figure PRAIRIE_AUK_TP125A.2 PRAIRIE_AUK_TP125a



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 735 909

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





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 Tel: 01772 735 300 Fax: 01772 735 999

Status:-

_	_

TRIAL PIT RECORD **FINAL** Project: Prairie Site Ground Investigation Works Exploratory Hole No. Client: Location: PRAIRIE_AUK_TP126 South Tees Development Corporation E:454177.949 N:521411.231 Method (Equipment): Machine Excavated (360 Tracked Excavator) Start Date: Ground Level (m): 1 of 2

M	lachine	e Excavated (360	0 Trac	ked Exc	cavator)			8.749)	17/04/2020	0	1 of 3
SAMPI	LES &	TESTS					STRATA					
Depth	Type No	Test Result	Water	Reduced Level Legend		Depth (Thickness)	Description					
0.20 0.40 1.40 1.80 2.60 2.60	J1 B2 J3 B4 ES5 PID	0.2ppm		6.05		(2.20)	woo suba 0-25 at c. subs MAE boul suba is 0-incluinclubetw and	0.50m BGL to surface structure DE GROUND (B ders with fragmangular and inclu 25%. Slag is vesi de 50-75% vesi de 50-75% vesi	nd is fine to udes ash, or op of concres. Frown black ents of merudes slag a sicular grey icular grey or BGL t.	o coarse. Graclinker and slete obstruction red and yellital. Gravel is and red and y green. Cob green slag. E green slag). concrete strustruction - pit	avel is fine ag. Slag con. Possibon. Possibon wy gravel, fine to coayellow briebles are a Boulders a cuture surr	e to coarse content is ole walls of cobbles and carse angular to ck. Slag content ingular and are angular and counds the north
PLAN 3.50 Face A					GROUN Slight gr		ATER water seepage (v	vater percho	ed on concrete	e base) at 2	2.70m BGL.	
Orientation Face B Orientation O00° B O00°					STABILITY Pit sides and base unstable throughout excavation.							
Face C												
	ADDIT	IONAL INFORM	MATIO	N				REMARKS ktended west by 2	2.00m due t	o concrete ob	struction at	t 0.50m BGL
Sketch Diagram: Sketch Taken									,			

Checked by:

Logged by: D. Portsmouth

Contract No.

4251

Print Date and Time: 06/11/2020 14:28:16

Photographs:

All dimensions in metres

Scale 1:50

See additional sheets.

For explanation of symbols and abbreviations see Key Sheets