

Burton-on-Trent (HQ) Tel: 01283 551249 Market Harborough Tel: 01858 414981 Email: mail@grm-uk.com Web: www.grm-uk.com

## **Trial Pit Log**

Trial Pit Number

TP2

#### Manchester Road, Chapel-en-le-Frith

Ground Level mAOD

239.600 Coordinates: 0.00E GRM Project ref: P4879 0.00N Scale: 1:25 GROUNDWATER SAMPLES **INSITU TESTING** STRATA STRATA RECORD Hand Vane Strength Depth Level (mAOD) Description Depth (m) (m) (m) (kN/m²) Firm brown locally orange silty sandy CLAY with 0.10-0.20/D/ 0.10-0.20/J/ occasional fine to medium angular to subrounded gravel including quartzite and sandstone.(TOPSOIL) 0.30 239.3 Firm grey and orange silty sandy CLAY.(GLACIAL TILL) 0.60-0.70/D/ 0.60-0.70/J/ 1.20-1.30/D/ 1.20 238 4 Firm to stiff grey and brown silty CLAY.(WEATHERED MILLSTONE GRIT SERIES) 1.80-1.90/D/ 2 2.50-2.60/D/ 3.00-3.10/D/ 3.10 236.5 End of Trial Pit at 3.10 m **Excavation Details** Dimensions (m) **Groundwater Observations** Date excavated: 05/05/2009 Soils wet from surface 0.60 Date backfilled: 05/05/2009 Shoring: 2.00 Stability: Sides stable throughout the excavation Plant: JCB-3CX Logged by: NR Final Depth (m): 3.10 General Remarks:



## **Trial Pit Log**

Trial Pit Number

TP3

## Site Manchester Road, Chapel-en-le-Frith

Ground Level mAOD 240.700

Client GRM Project ref: P4879

GRM Project ref: P4879

GRM Project ref: P4879

GROUNDWATER SAMPLES INSITU TESTING STRATA STRATA RECORD Scale: 1:25

GROUND	WAIER	SAMPLES	IIVOI	TO TESTING	SIK	AIA		STRATA RECORD
Strike	Depth (m)	Depth/Type/Ref (m)	Depth (m)	Hand Vane Strength (kN/m²)	Depth (m)	Level (mAOD)	Legend	Description
	-	0.10-0.20/D/ 0.10-0.20/J/ 0.30-0.40/D/ 0.30-0.40/J/			0.20	240.5	×	Firm brown silty sandy CLAY with occasional fine to medium subangular to subrounded gravel of quartzite.(TOPSOIL)  Firm orange brown and grey silty slightly sandy CLAY.(GLACIAL TILL)
	- 1 - - -	0.90-1.00/D/			0.80	239.9	×——× —×——× —×——× —×——×	Firm to stiff grey and brown slightly silty CLAY with occasional fine to coarse angular to subrounded gravel of sandstone.(GLACIAL TILL)
	- -2 - -	1.90-2.00/D/					×——× —×— ×——× —×—	-X - 
	-	2.60-2.70/D/			2.50	238.2	×——× —×——× —×——× —×——×	Stiff grey and brown slightly silty CLAY with occasional fine to medium subangular to subrounded gravel including quartzite and sandstone.(GLACIAL TILL)
	- - -	3.40-3.50/D/			3.50	237.2	<u>×</u>	End of Trial Pit at 3.50 m
	Exca	vation De	etails			Dime	ensions (m)	Groundwater Observations
<b>D</b>								

Date excavated: 05/05/2009
Date backfilled: 05/05/2009
Shoring:
Stability: Sides stable throughout excavation
Plant: JCB-3CX
Logged by: NR

Soils damp from surface.

2.00

Final Depth (m): 3.50

General Remarks:



# **Trial Pit Log**

Trial Pit Number

TP4

#### Site Manchester Road, Chapel-en-le-Frith

Ground Level mAOD 240.650

GRM Project ref: P4879 Coordinates: 0.00E 0.00N

GROUNDWATER		SAMPLES	AMPLES INSITU TESTING		STRATA		STRATA RECORD Scale: 1:25				
Strike	Depth (m)	Depth/Type/Ref (m)	Depth (m)	Hand Vane Strength (kN/m²)	Depth (m)	Level (mAOD)	Legend		Description		
	- -				0.20	240.5	×	<u> </u>	Firm dark brown silty sandy CLAY with oc to coarse angular to subrounded gravel in and quartzite.(TOPSOIL)  Firm orange brown and grey silty sandy C	cluding brick  LAY with	
	- - - - - -				0.50	240.2	×——× ×——× —×—	- X - X - X - X - X - X	occasional fine to coarse angular to subro including sandstone and quartzite.(GLACI Stiff brown and grey slightly silty CLAY wi occasional fine to coarse subangular to su gravel including quartzite and sandstone.(TILL)	AL TILL) th ibrounded	
	- - - - -						X——X ——X———X —————X				
	- -2 - - - -				2.50 2.60	238.2 238.1			Medium dense brown slightly silty slightly to coarse SAND with some fine to coarse	angular to	
	-						×—————————————————————————————————————		subrounded gravel including quartzite and sandstone.(GLACIAL TILL)  Stiff brown and grey slightly silty CLAY wi occasional fine to coarse subangular to su gravel including quartzite and sandstone.(TILL)	th Ibrounded	
	-				3.60	237.1		<u>-</u>	End of Trial Pit at 3.60 m		
Excavation Details			Dime	ensions (m)		Groundwater Observation	ns				
Date excavated: 05/05/2009 Date backfilled: 05/05/2009 Shoring: Stability: Sides stable throughout excavation Plant: JCB-3CX						0	2.00	I	No groundwater observed.		
Logged	by: N	NR			Final Depth (m): 3.60						
Gener	al Re	marks:									



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## **Trial Pit Log**

Trial Pit Number

TP5

#### Site Manchester Road, Chapel-en-le-Frith

Ground Level mAOD 242.250

Coordinates: 0.00E Client GRM Project ref: P4879 0.00N Scale: 1:25 GROUNDWATER SAMPLES **INSITU TESTING** STRATA STRATA RECORD Hand Vane Strength Depth Level (mAOD) Description Depth Depth/Type/Re (m) (m) (m) (kN/m²) Firm brown silty sandy CLAY with occasional fine to medium angular to subrounded gravel including sandstone and quartzite.(TOPSOIL) 0.10-0.20/D/ 0.10-0.20/J/ 0.20 242.1 Firm orange brown and grey slightly silty slightly sandy CLAY.(GLACIAL TILL) 1.30-1.40/D/ 1.50 240.8 Firm grey slightly clayey SILT.(GLACIAL TILL) 1.60-1.70/D/ 1.90 240.4 Stiff grey slightly silty CLAY.(GLACIAL TILL) 2 2.00-2.10/D/ 2.70 239.6 Firm brown and grey slightly clayey slightly sandy SILT.(GLACIAL TILL) 2.80-2.90/D/ Continued next sheet **Excavation Details** Dimensions (m) **Groundwater Observations** Date excavated: 05/05/2009 Soils damp from surface. 0.60 Date backfilled: 05/05/2009 Shoring: 2.00 Stability: Sides stable throughout excavation Plant: JCB-3CX Logged by: NR Final Depth (m): 4.00 General Remarks:



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## **Trial Pit Log**

Trial Pit Number

TP5

## Manchester Road, Chapel-en-le-Frith

Ground Level mAOD 242.250 Coordinates: 0.00E Client GRM Project ref: P4879 0.00N Scale: 1:25 GROUNDWATER SAMPLES **INSITU TESTING** STRATA STRATA RECORD Depth (m) Hand Vane Strength Level (mAOD) Description Depth Depth/Type/Re Legend (m) (m) (kN/m²) Firm brown and grey slightly clayey slightly sandy SILT.(GLACIAL TILL) 3.80-3.90/D/ 4 00 -4 238.3 End of Trial Pit at 4.00 m -5 **Excavation Details** Dimensions (m) **Groundwater Observations** Date excavated: 05/05/2009 Soils damp from surface. 0.60 Date backfilled: 05/05/2009 Shoring: 2.00 Stability: Sides stable throughout excavation Plant: JCB-3CX Logged by: NR Final Depth (m): 4.00 General Remarks:



# **Trial Pit Log**

Trial Pit Number

TP6

## Manchester Road, Chapel-en-le-Frith

Ground Level mAOD 239.200

Client

GRM Project ref: P4879

STRATA RECORD

Scale: 1:25

Strike Depth | Depth / Type/Ref | Depth | Hand Vane Strength | Depth | (Im) | (Im/OD) | Description

Strike	Depth (m)	Depth/Type/Ref (m)	Depth (m)	Hand Vane Strength (kN/m²)	Depth (m)	Level (mAOD)	Legend	Description			
	-	0.10-0.20/D/ 0.10-0.20/J/ 0.30-0.40/D/ 0.30-0.40/J/			0.20	239.0	×	Firm brown slightly slity slightly sandy CLAY with occasional fine to coarse angular to subrounded gravel including brick and quartzite.(TOPSOIL)  Firm orange brown and grey slightly silty slightly sandy CLAY.(GLACIAL TILL)			
	-1 - - -				1.50	237.7	X———X X————X				
	- - -	1.60-1.70/D/				231.1	X	Firm grey slightly clayey slightly sandy SILT.(GLACIAL TILL)			
	-2	2.20-2.30/D/ 3.00-3.10/D/			2.10	237.1	X X X X X X X X X X X X X X X X X X X	Firm to stiff grey slightly silty CLAY.(WEATHERED MILLSTONE GRIT SERIES)			
	Exca	3.50-3.60/D/	etails			Dime	X — X — X — X — X — X — X — X — X — X —	Continued next sheet  Groundwater Observations			
						<b>D</b>	33.13 (111)	Giodilawatei Observations			

Exodvation Details	Diritorisions (m)	Grodinawater Observations		
Date excavated: 05/05/2009 Date backfilled: 05/05/2009 Shoring:	0.60	Soils damp from surface		
Stability: Sides unstable throughout excavation	2.00			
Plant: JCB-3CX				
Logged by: NR	Final Depth (m): 4.00			

General Remarks:



## **Trial Pit Log**

Trial Pit Number

TP6

## Manchester Road, Chapel-en-le-Frith

Ground Level mAOD 239.200 Coordinates: 0.00E Client GRM Project ref: P4879 0.00N Scale: 1:25 GROUNDWATER SAMPLES **INSITU TESTING** STRATA STRATA RECORD Depth (m) Hand Vane Strength Level (mAOD) Legend Description Depth Depth/Type/Re (m) (m) (m) (kN/m²) Firm to stiff grey slightly silty CLAY.(WEATHERED MILLSTONE GRIT SERIES) 3.90-4.00/D/ 4.00 -4 235.2 End of Trial Pit at 4.00 m -5 **Excavation Details** Dimensions (m) **Groundwater Observations** Date excavated: 05/05/2009 Soils damp from surface 0.60 Date backfilled: 05/05/2009 Shoring: 2.00 Stability: Sides unstable throughout

Final Depth (m): 4.00

General Remarks:

Plant: JCB-3CX Logged by: NR

excavation



## **Trial Pit Log**

Trial Pit Number

TP7

#### Manchester Road, Chapel-en-le-Frith

Ground Level mAOD

241.700 Coordinates: 0.00E Client GRM Project ref: P4879 0.00N Scale: 1:25 GROUNDWATER SAMPLES **INSITU TESTING** STRATA STRATA RECORD Depth (m) Hand Vane Strength Level (mAOD) Description Depth (m) (m) (m) (kN/m²) Firm brown slightly silty slightly sandy CLAY with 0.10-0.20/D/ 0.10-0.20/J/ occasional fine to coarse angular to subrounded gravel including quartzite and sandstone.(TOPSOIL) 0.30 241.4 Firm orange brown and grey sandy silty CLAY.(GLACIAL 0.40-0.50/D/ 0.40-0.50/J/ 1.00-1.10/D/ 1.70 240.0 Firm grey silty slightly sandy CLAY with occasional 1.80-1.90/D/ fine to coarse subangular to subrounded gravel including chert and sandstone.(GLACIAL TILL) 2 Firm grey slightly sandy slightly clayey SILT.(GLACIAL TILL) 2.60 2.70-2.80/D/

Excavation Details	Dimensions (m)	Groundwater Observations		
Date excavated: 05/05/2009 Date backfilled: 05/05/2009 Shoring: Stability: Sides stable throughout excavation	0.60	Soils damp from surface		
Plant: JCB-3CX				
Logged by: NR	Final Depth (m): 4.00			

Continued next sheet

General Remarks:

Strata strengths/densities determined by observation only.

3.70-3.80/D/



## **Trial Pit Log**

Trial Pit Number

TP7

Site	Manchester	Road,	Chapel	-en-le-Frith
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Ground Level mAOD

241.700 Coordinates: 0.00E Client GRM Project ref: P4879 0.00N Scale: 1:25 GROUNDWATER SAMPLES **INSITU TESTING** STRATA STRATA RECORD Depth (m) Hand Vane Strength Depth Level (mAOD) Legend Description Depth/Type/Re (m) (m) (m)  $(kN/m^2)$ Firm grey slightly sandy slightly clayey SILT.(GLACIAL TILL) 4.00 -4 End of Trial Pit at 4.00 m -5 **Groundwater Observations Excavation Details** Dimensions (m)

Date excavated: 05/05/2009 Date backfilled: 05/05/2009 Shoring:	0.60	Soils damp from surface
Stability: Sides stable throughout excavation	2.00	
Plant: JCB-3CX		
Logged by: NR	Final Depth (m): 4.00	

General Remarks:



# **Trial Pit Log**

Trial Pit Number

TP8

## Site Manchester Road, Chapel-en-le-Frith

Ground Level mAOD 240.800

Coordinates: Client GRM Project ref: P4870

Client							GRM Pro	oject ref:	P4879	0.00E 0.00N	
GROUNDWA	ATER SA	AMPLES	INSI	TU TESTING	STR	ATA		STRATA	RECORD	Scale:	1:25
	epth Der	pth/Type/Ref (m)	Depth (m)	Hand Vane Strength (kN/m²)	Depth (m)	Level (mAOD)	Legend	Description			
-	0.1	10-0.20/D/ 10-0.20/J/			0.30			coarse and sands	n slightly silty sandy CLAY with gular to subrounded gravel inclutone.(TOPSOIL)	ding chert	0
-	0.4	40-0.50/D/ 40-0.50/J/			0.30	240.5	x-^x 	Firm orang CLAY.(GL	ge brown and grey slightly sandy ACIAL TILL)	very silty	
- - - - - - - -	1 1.0	00-1.10/D/									
	2 2.0	00-2.10/D/			2.00	238.8		Firm grey	slightly clayey SILT.(GLACIAL <sup>-</sup>	ΓILL)	
- - - - -	2.8	80-2.90/D/			2.70	238.1		Firm brow TILL)	n and grey silty slightly sandy CI	AY.(GLAC	IAL
-					3.50	237.3	$\frac{1}{\times \times \times \times}$	Firm grey	slightly clayey SILT.(GLACIAL	TILL)	
		70-3.80/D/			T		$\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{$	Continued	next sheet		
E	xcava	ation De	etails			Dime	ensions (m)		Groundwater Observation	<u> </u>	
Date excavated: 05/05/2009  Date backfilled: 05/05/2009  Shoring:  Stability: Sides stable throughout excavation						0	2.00	Soils damp	from surface		
Plant: JCB-3CX											
ogged by				Fina	l Deptl						
General	Rema	arks:			1		. /				



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# **Trial Pit Log**

Trial Pit Number

TP8

## ester Road Chanel-en-le-Frith

Site	wanchester Road, Chaper-en-le-Frith													
Client							GF	RM Pro	ject ref: P	4879	Coordinates: 0.00E 0.00N			
GROUND	WATER	SAMPLES	INSI	ITU TESTING	STR	RATA			STRATA REC	Scale: 1:25				
Strike	Depth	Depth/Type/Ref	Depth	Hand Vane Strength	Depth (m)	Level (mAOD)	Legen	d	Description		1			
	(m) -	(m)	(m)	(kN/m²)		(IIII (OD)	<u> </u>	<u>×</u> ×	Firm grey sligh	tly clayey SILT.(GLA	ACIAL TILL)			
	-4				4.00	236.8		× × ·	End of Trial Pit	at 4.00 m				
	- - - -													
	Exca	avation De	etails			Dime	ensions (m)		Gro	oundwater Obse	ervations			
Date ex Date ba Shoring Stability Plant:	ackfilled g: /: Side exca	d: 05/05/2 es stable threavation	2009	ıt		2.00			Soils damp fro	m surface				
Logged					Fina	al Deptl	n (m): 4.00							
Gene	ral Re	emarks:												



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# **Trial Pit Log**

Trial Pit Number

TP9

#### Site Manchester Road, Chapel-en-le-Frith

Ground Level mAOD 240.900

Client GRM Project ref: P4879 Coordinates: 0.00E 0.00N

							GIXIVIT	GRIVI FTOJECT TEI. 1 4079			
GROUND	WATER	SAMPLES	INSI	ITU TESTING	STR	ATA	'	STRATA RECORD	Scale: 1:25		
Strike	Depth (m)	Depth/Type/Ref (m)	Depth (m)	Hand Vane Strength (kN/m²)	Depth (m)	Level (mAOD)	Legend	Description			
	-	0.10-0.20/D/ 0.10-0.20/J/						Firm brown slightly slightly sandy CL some fine to coarse angular to subround including sandstone and chert.(TOPSOIL	ed gravel		
	- - -	0.50-0.60/D/ 0.50-0.60/J/			0.40	240.5	X——X —————————————————————————————————	Firm orange brown and grey slightly silty sandy CLAY.(GLACIAL TILL)	slightly		
	- - 1	0.90-1.00/D/					×— —× —×— ×— —×				
	- - -	1.30-1.40/D/			1.30	239.6	×— —× —×—	Stiff grey slightly silty CLAY.(WEATHER GRIT SERIES)	ED MILLSTONE		
	- - - <b>2</b> -	2.30-2.40/D/					X—————————————————————————————————————				
	- - - - -				3.00	237.9	×—————————————————————————————————————	-X - - -X - End of Trial Pit at 3.00 m			
	Exca	vation De	etails			Dime	ensions (m)	Groundwater Observation	ons		
Date excavated: 05/05/2009 Date backfilled: 05/05/2009 Shoring:							60	Soils damp from surface			
Stability: Sides stable throughout excavation							2.00				
Plant: JCB-3CX Logged by: NR							- ()- 2.00				
		marks:			rina	Deptr	n (m): 3.00				



## **Trial Pit Log**

Trial Pit Number

**TP10** 

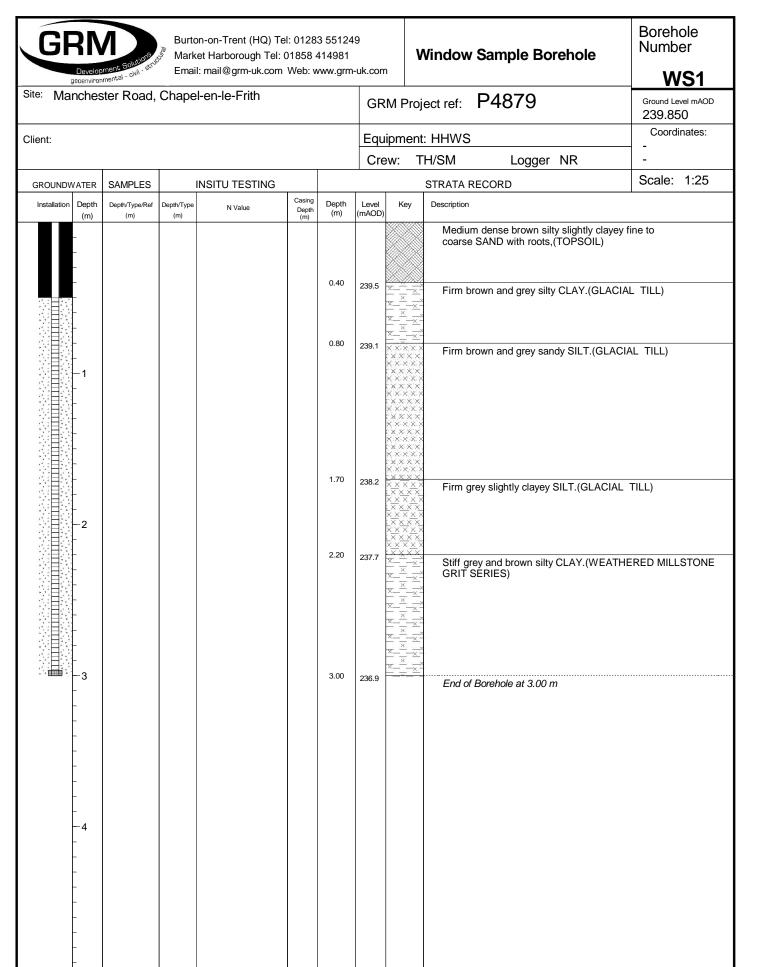
#### Manchester Road, Chapel-en-le-Frith

Ground Level mAOD

243.750 Coordinates: 0.00E Client GRM Project ref: P4879 0.00N Scale: 1:25 GROUNDWATER SAMPLES **INSITU TESTING** STRATA STRATA RECORD Hand Vane Strength Depth Level (mAOD) Description Depth Depth Legend (m) (m) (m) (kN/m²) Firm dark brown silty sandy CLAY with some fine to coarse angular to subrounded gravel including quartzite and brick.(TOPSOIL) 0.60 243.2 Firm orange brown and grey silty slightly sandy CLAY.(GLACIAL TILL) 1.00 242.8 Firm to stiff brown and grey silty CLAY with 1.10-1.20/D/ occasional fine to coarse angular to subrounded gravel including sandstone and chert.(GLACIAL TILL) 2 2.10-2.20/D/ 2.90-3.00/D/ 3.00 240.8 End of Trial Pit at 3.00 m **Excavation Details** Dimensions (m) **Groundwater Observations** 

Date excavated: 05/05/2009 Date backfilled: 05/05/2009 Shoring:	0.60	Soils damp from surface
Stability: Sides stable throughout excavation	2.00	
Plant: JCB-3CX		
Logged by: NR	Final Depth (m): 3.00	

General Remarks:



Hole Started 05/6 General Remarks:

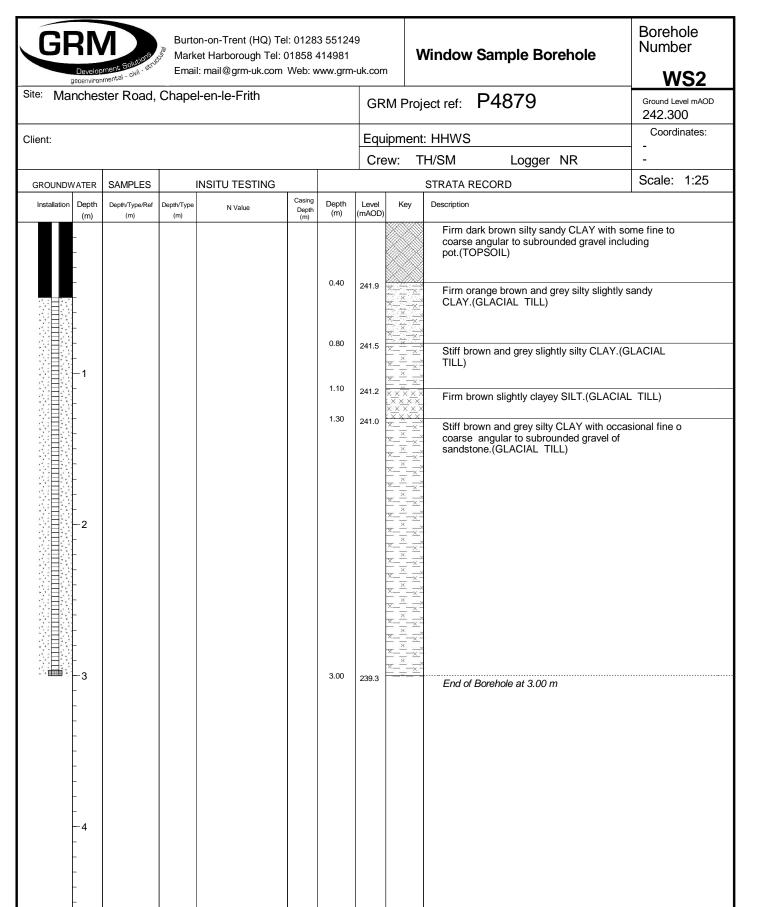
Groundwater Remarks: Soils damp from surface

05/05/2009

Test Type: S = Standard Penetration Test, C = Cone Penetration Test.

Hole Complete 05/05/2009

N values reported are uncorrected. N value 50/275 = 50 blows in 275mm



Hole Started 05/ General Remarks:

Groundwater Remarks: Soils damp from surface

05/05/2009

Test Type: S = Standard Penetration Test, C = Cone Penetration Test.

Hole Complete 05/05/2009

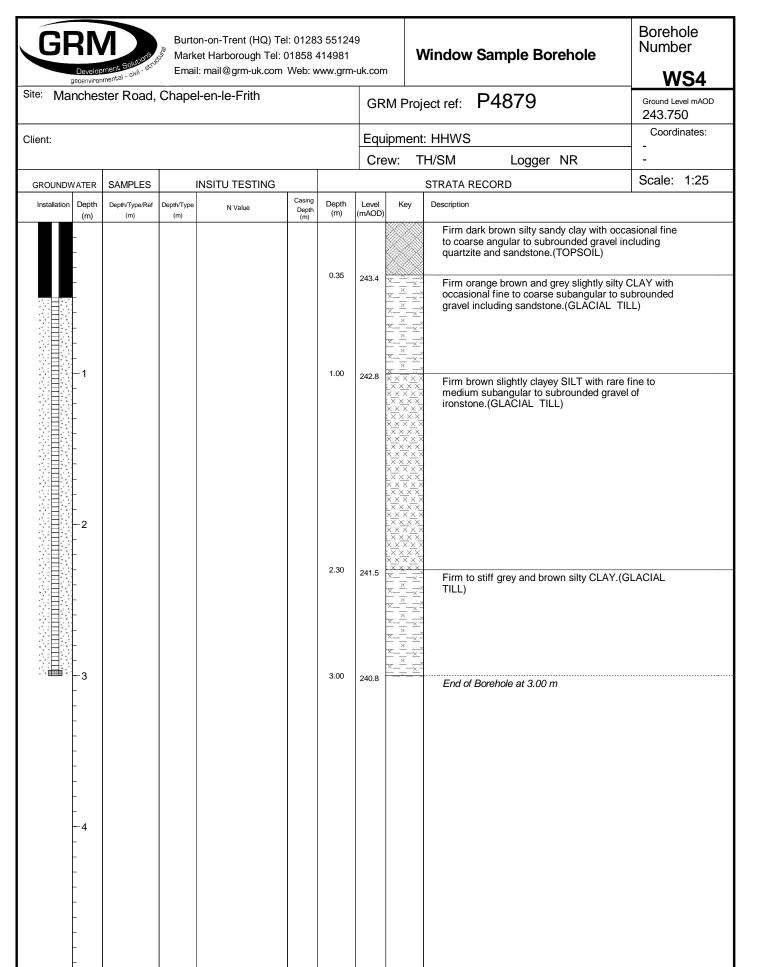
N values reported are uncorrected. N value 50/275 = 50 blows in 275mm

GF	<u> </u>	Ment Solutions		on-on-Trent (HQ) Te et Harborough Tel: l: mail@grm-uk.com	01858	414981			Vindow Sample Borehole	Borehole Number	
Site: Ma	Develor geoenviron	ment Solutions  amental - civil - struct	Chana	l-en-le-Frith	vveb: v	vww.grm			D.10=0	<u>WS3</u>	
one. Ivia	HUHES	ster Rodu,	Спаре	:-en-ie-Fnui			GR	M Proj	ect ref: P4879	Ground Level mAOD 238.700	
Client:							Equ	ipment	:: HHWS	Coordinates:	
		Γ				ı	Cre	Crew: TH/SM Logger NR -			
GROUNDV	VATER	SAMPLES		INSITU TESTING	1		1		STRATA RECORD	Scale: 1:25	
Installation	Depth (m)	Depth/Type/Ref (m)	Depth/Type (m)	N Value	Casing Depth (m)	Depth (m)	Level (mAOD)	Key	Description		
	- - - - - - - - - -					0.60	238.1	X	Firm dark brown slightly slity slightly sand with occasional fine to coarse angular to s gravel including brick.(TOPSOIL)  Firm orange brown and grey slightly silty CLAY.(GLACIAL TILL)	y CLAY ubrounded	
	2					1.60	237.1	X	Firm to stiff brown and grey slightly silty C occasional fine to coarse subangular to su gravel including sandstone and chert. Silt present from 2.1 to 2.3m.(GLACIAL TILL	ıbrounded layer	
,	3 4 					2.50	236.2		End of Borehole at 2.50 m		
Hole Started General Re				Hole Complete 05	/05/200	)9					

N values reported are uncorrected. N value 50/275 = 50 blows in 275mm.

Groundwater Remarks:

Test Type: S = Standard Penetration Test, C = Cone Penetration Test.



Hole Started 05/ General Remarks:

Groundwater Remarks: Soils damp from surface

05/05/2009

Test Type: S = Standard Penetration Test, C = Cone Penetration Test.

Hole Complete 05/05/2009

N values reported are uncorrected. N value 50/275 = 50 blows in 275mm

# APPENDIX H



#### **MONITORING OF SOIL GASES & GROUNDWATER**

PROJECT NO. P4879

SITE. CHAPEL EN LE FRITH

One: Only the live th

**CLIENT.** SP Robinson Developments

**DATE.** 13-May-09

**CONDITIONS.** *TEMP* overcast/windy

ATMOSPHERIC PRESSURE: 984 Telephone: (01283) 551249

**GRM** Development Solutions Limited

Laurus House

First Avenue Centrum 100 Burton-upon-Trent

DE14 2WH

Pacsimile: (01283) 211968

OPERATOR. stephen morris Email: mail@grm-uk.com

**EQUIPMENT.** LMSxi Gas Data Recorder

**RESULTS** 

Borehole/ Well Ref. No.	Methane (CH <sub>4</sub> ) %	Carbon Dioxide (CO <sub>2</sub> ) %	Oxygen (O <sub>2</sub> ) %	Flow	L.E.L	Depth to Groundwater
WS1	0.00	0.20	21.30	0.00	0.00	0.90
WS2	0.00	0.70	20.60	0.00	0.00	0.80
WS3	0.00	0.50	20.90	0.00	0.00	0.50
WS4	0.00	1.60	19.80	0.00	0.00	0.80
_						

<u>Notes</u>					
L.E.L.	Lower Explosive Limit (1	00% L.E.L.'= 5%	Flammable G	as	
N.D.	Not Detected				
N.R.	Not Recorded				
%	By Volume				

Signed (Operator)	
Authorised	

#### **MONITORING OF SOIL GASES & GROUNDWATER**

PROJECT NO. P4879

SITE. CHAPEL EN LE FRITH

CLIENT.

SP Robinson Developments

Eaurus House
First Avenue
Centrum 100
Burton-upon-Trent
DE14 2WH

**CONDITIONS.** Weather Overcast / Dry

ATMOSPHERIC PRESSURE: 998 Telephone: (01283) 551249

**GRM Development Solutions Limited** 

PERATOR. Tony Heron Facsimile: (01283) 211968

Email: mail@grm-uk.com

**EQUIPMENT.** LMSxi

**RESULTS** 

Borehole/ Well Ref. No.	Methane (CH <sub>4</sub> ) %	Carbon Dioxide (CO <sub>2</sub> ) %	Oxygen (O <sub>2</sub> ) %	Flow	L.E.L	Depth to Groundwater
WS1	0.0	0.4	19.9	0.0	0.0	0.91
WS2	0.0	0.3	20.3	0.0	0.0	0.55
WS3	0.0	0.1	20.0	0.0	0.0	0.50
WS4	0.0	0.2	19.8	0.0	0.0	1.23

<u>Notes</u>		
L.E.L.	Lower Explosive Limit (100% L.E.L.'= 5% Flammable Gas	
N.D.	Not Detected	
N.R.	Not Recorded	
%	By Volume	

Signed (Operator)	
Authorised	