

Appendix IV

Borehole Logs

R	GS					www.rc	ogersgeot	WS 1	
								Sheet 1 of 1	_
-	ect Na	ame				oject N 782/11		Co-ords: - Hole Type WLS	
	ation:	Charles	stown I	Road, Glossop				Level: - Scale 1:50	
Clier	nt:	MET C	onsulti	ng Engineers				Dates: 13/01/2011 Logged By	
Well	Water Strikes	Sample Depth (m)	es & In	Situ Testing Results	Depth (m)	Level (m AOD)	Legend	Stratum Description	
	∇	0.00-0.21	C		0.21		***	CONCRETE. (Subangular to rounded fine and medium (up to 20mm) aggregate; Slight brown weathering discolouration; 1.5% Excess voidage)	
i		0.21-1.00	С		0.60 0.80			MADE GROUND (Medium dense buff-grey slightly clayey silty sandy angular to subrounded fine to coarse gravel of Carboniferous limestone)	
		0.70-2.00	c		1.20			\(\(\(\text{(MG)} \) \(\text{MADE GROUND (Soft to firm brown silty sandy clay with scattered } \)	l
		0.70-2.00						fine to coarse gravel sized clinker/ash/bitumen macadam (ragments) (MG)	
					2.00			Loose becoming very loose brown clayey silty fine and medium SAND with frequent narrow and very thin lenses and seams of silty sandy gravelly clay. Gravel is subangular to rounded, fine to coarse and of shaly mudstone/siltstone/fine grained micaceous sandstone/coarse grained feldspathic sandstone. Flecks of black carbonaceous material. (ALLUVIUM)	
								No recovery 2.0 - 3.0m. End of Borehole at 2.00 m	l
								-4	
					,			·	l
								-5 	
			:						
								-6	
			1					-7	
	:			,				-8	
	-		Туре_	Results	_		L		
Ren	narks:	0.0 - 0.2	!1m =	Concrete core	0.21 -	1.0m =	95% F	Recovery 0.7 - 2.0m = 40% Recovery.	ı

Driller reported borehole collapse at 1.0m.



RGS	!)				www.re	ogersgeote	ch.co.uk Borehold WS	
							Sheet 1	of 1
Project N Glossop			•		oject N 1782/1		Co-ords: - Hole T	
Location:	Charles	stown	Road, Glossop				Level: - Sca 1:50	
Client:	MET C	onsulti	ng Engineers				Dates: 12/01/2011 Logged	Ву
Well Water Strikes	Sample Depth (m)		Situ Testing Results	Depth (m)	Level (m AOD	Legend	Stratum Description	
7 <u>1</u> 22.		,,		0.05	i		Brown silty TOPSOIL with scattered root remains. (MG)	1
	0.00-1.00	С	•	0.75			MADE GROUND (Medium dense becoming very loose to loose brown-black sandy fine to coarse gravel sized clinker/ash fragments) (MG)	
	1.00-2.00	С	i			X X X X X X X X X X X X X X X X X X X	Soft to firm slightly fissured at depth variably friable brown silty CLAY with rare narrow lenses and seams of yellow-brown fine and medium sand. Fissures predominantly clean. Fissure surfaces dull. Flecks of black carbonaceous material. (ALLUVIUM) (RA)	-1
	2.00-3.00	С		2.00		* * * •	No recovery 2.0 - 3.0m.	2
				3.00		<u> </u>	Soft becoming soft to firm slightly fissured brown CLAY/SILT	3
	3.00-4.00	c	!			X X X X X X X X X X X X X X X X X X X	with rare well-rounded fine and medium gravel of fine grained micaceous sandstone. Fissures predominantly clean. Fissure surfaces dull. (ALLUVIUM) (RA)	
			į	4.00		* X × X \	End of Borehole at 4.00 m	
			:					-5
				i				
								-6
				i				
								7
			ė					-8
				ļ				
					*			- g
	:						·	[[]
					-			1

Remarks: 0.0 - 1.0m = 95% Recovery 1.0 - 2.0m = 90% Recovery 2.0 - 3.0m = 0% Recovery 3.0 - 4.0m = 75% Recovery



Client: Well Water Strikes D	Charlest MET Co	nsulti	Road, Glossop ng Engineers Situ Testing Results	Depth (m) 0.03	oject N 782/11 Level (m AOD)	/E	Co-ords: - Level: - Dates: 13/01/2011 Stratum Description Brown silty TOPSOIL with scattered root remains.	Sheet 1 of 1 Hole Type WLS Scale 1:50 Logged By RB
Glossop Location: Client: Well Water Strikes D	MET Co Sample Depth (m)	s & In Type	ng Engineers Situ Testing	Depth (m) 0.03	782/11	/E	Level: - Dates: 13/01/2011 Stratum Description	Scale 1:50 Logged By
Glossop Location: Client: Well Water Strikes D	MET Co Sample Depth (m)	s & In Type	ng Engineers Situ Testing	Depth (m) 0.03	782/11	/E	Level: - Dates: 13/01/2011 Stratum Description	Scale 1:50 Logged By
Client: Well Water Strikes D	MET Co	s & In Type	ng Engineers Situ Testing	(m) 0.03	Level (m AOD)	Legend	Dates: 13/01/2011	1:50 Logged By
Well Water Strikes D	Sample Depth (m) 0.00-1.00	s & In Type	Situ Testing	(m) 0.03	Level (m AOD)	Legend	Stratum Description	
	Oepth (m)	С		(m) 0.03	Level (m AOD)	Legend		- 1
	0.00-1.00	С	Results	0.03	(m AOD)	****		- /-
			į			XXXXX)\	BIOWIT SILLY TO COLE WITH SCALE COLICE TO CITICALION.	71
		- T		1.00			(MG) MADE GROUND (Medium dense locally medium dense and yellow-brown locally clayey silty angular to well-round fine to coarse gravel of mixed lithology with occasional cobbles. Occasional medium and coarse gravel sized brick/concrete fragments. Clinker and ash traces. Occas fine/medium/coarse closed rootlets) (MG) No recovery 1.0 - 2.0m.	ded
1 2	2.00-3.00	C		2.00			MADE GROUND (Medium dense brown sandy angular to coarse gravel of mixed lithology with occasional cobble Many fine to coarse gravel sized brick/concrete fragment Clinker and ash traces) (MG)	es.
				3.00		*****	End of Borehole at 3.00 m	
			· .					-5
	į							7
				·				9
		Туре	Results	1				t



R	GS				www.rogersgeotech.co.uk								Borehole No WS 4		
T.Z.	UD												neet 1 of	1	
Droi	ect Na	me			Pr	oject N	lo.						lole Type	_	
-	ectiva ssop	ai i i C				782/11		Co-ords	: -			'	WLS		
	ation:	Charles	town	Road, Glossop									Scale	_	
		a		, 				Level:	-				1:50		
			•					D	40/04	1/2014		Lo	gged By		
Clie	nt:			ing Engineers				Dates:	13/0	1/2011	<u>.</u>		RB		
Well	Water Strikes	Sample Depth (m)	es & In	Situ Testing Results	Depth (m)	Level (m AOD)	Legend			Stratum D	escription				
	Junes	0.00-0.22	С	Results	0.06	, , , , ,		CONCRETE so	reed.		·				
	;	0.22-0.70	С		0.22			(MG) CONCRETE. (saggregate; Slig voidage) (MG) No recovery 0.2			fine to coarse iscolouration;	e (up to 28r 0.5% Exce	//	-	
								No recovery U.2		End of Borehold	at 0.70 m			-2	
														- 3	
			:												
					•										
											3				
	L		Туре	Results Concrete core	<u> </u>		1							-	

Remarks: 0.0 - 0.22m = Concrete core 0.22 - 0.7m = 0% Recovery



R	GS					www.rc	ogersgeoti	ech.co.uk Borehole No WS 5	
								Sheet 1 of 1	
_	ect Na	ame				oject N 782/11		Co-ords: - Hole Type WLS	
	ation:	Charles	town R	oad, Glossop	l			Level: - Scale 1:50	
Clie	nt:	MET C	onsultin	g Engineers				Dates: 12/01/2011 Logged By RB	
Well	Water Strikes	Sample	es & In S	Situ Testing	Depth (m)	Level (m AOD	Legend	Stratum Description	
	Strikes	Depth (m)	Туре	Results	0.03	(III AOD		Brown silty TOSOIL with scattered root remains.	
		0.00-1.00	С					(MG) MADE GROUND (Medium dense locally dense brown/red and yellow speckled locally clayey, silty and sandy fine to coarse gravel often cobble sized brick/mortar/concrete fragments. Scattered fine to coarse gravel sized clinker/ash fragments. Scattered subangular to well-rounded fine to coarse gravel of mixed lithology with occasional cobbles) (MG)	1
					1.80	-	××××	End of Borehole at 1.80 m	2
				;					
				ļ				•	3
								<u> </u>	4
•									
								<u> </u>	5
			ļ	·					
									6
								-	7
									ı
									8
									9
					-				
								[
- Don	0 400	00 10	Type	Results	 I ∩ . 1	8m = 8		covery Driller reported borehole collapse	\exists

Remarks: 0.0 - 1.0m = 95% Recovery 1.0 - 1.8m = 80% Recovery. Driller reported borehole collapse at 1.8m.



R	GS					www.rc	ogersgeotec	h.co.uk	Borehole No WS 6
11	OD.								Sheet 1 of 1
Proi	ect Na	ame			Pr	oject N	lo.		Hole Type
_	ssop					782/11		Co-ords: -	WLS
Loc	ation:	Charles	town	Road, Glossop		_		Level: -	Scale 1:50
Clie	nt:	MET Co	onsulti	ing Engineers				Dates: 13/01/2011	Logged By RB
Vell	Water			Situ Testing	Depth (m)	Level (m AOD	Legend	Stratum Description	
	Strikes	Depth (m) 0.00-0.12	C	Results	0.12	-		CONCRETE. (Angular fine to coarse (up to 25mm) aggregory weathering discolouration; 1.5% Excess voidage) (MG)	regate; Slight
		0.63-0.70 0.70-1.00	C C		0.63 0.70		XXX /	MADE GROUND (Brick wall recovered as half and whol (Driller's notes) (MG)	e bricks)
		-			1.20			CONCRETE. (Excess voidage = 3%; 80% angular fine a aggregate; Slight brown weathering discolouration) (MG)	and medium
	:	1.00-2.00	С		2.10			MADE GROUND (Very soft brown very silty very sandy of much angular to well-rounded fine to coarse gravel of milithology and scattered fine and medium gravel sized brick/clinker/ash fragments)	clay with / ixed
	\Box	2.00-3.00	С		2.10			(MG) Very soft brown very silty very sandy CLAY with much ar well-rounded fine to coarse gravel of mudstone/siltstone grained micaceous sandstone/quartzitic pebbles, Cobbl inclusion of plastic amorphous/spongy pseudo-fibrous n 2.1m. (ALLUVIUM) (RA)	fine /- e sized
		3.00-4.00	С		3.70			Very loose brown slightly silty fine to coarse SAND with angular to well-rounded fine and medium gravel of mudstone/siltstone/fine and medium gralned micaceous sandstone/coarse grained feldspathic sandstone/quartzi pebbles. (ALLUVIUM)	. :
H					4.00		A	(RA) Firm to stiff slightly fissured brown silty CLAY with scatte angular to well-rounded fine and medium gravel of mudstone/siltstone/fine and medium grained micaceous Fissures predominantly clean. Fissure surfaces dull. Fle black carbonaceous material. (ALLUVIUM) (RA)	sandstone.
								End of Borehole at 4.00 m	
	9 9 9 9 9 9 9								
									-
									ţ
			7	Danish-					· ·
<u> </u>	n orko:	00 01	Туре	Results Concrete core	0.625			te core 0.7 - 1.0m = 100% Recovery	·

1.0 - 2.0m = 75% Recovery 2.0 - 3.0m = 80% Recovery 3.0 - 4.0m = 90% Recovery



R	GS					www.ro	gersgeoti		Borehole No WS 7				
17.												Sheet 1 of	1
-	ect Na	ame				oject N 782/11			Co-ords:	: -		Hole Type WLS	9
Glos		Charles	town	Road, Glossop		102111	/E		,			Scale	_
Loca	ation:	Chanes	itowii	Road, Glossop					Level:	-		1:50	
Clie	nt:	MET C	onsult	ing Engineers					Dates:	14/01/2011		Logged By RB	/
Well	Water Strikes	Sample Depth (m)		Situ Testing Results	Depth (m)	Level (m AOD)	Legend			Stratum Description			
	Olikes	0.00-0.27	Type C	resuits	0.05			\ <u>`</u>	ONCRETE scr	reed.		/	1
		0.27-1.00	С		0.27			a	CONCRETE. (A ggregate; Sligh quare mesh re-	Angular and subangular fine and me nt brown weathering discolouration; -bar at depth of 0.095m; 0.5% Exce	edium (; 6mm e ess void	up to 18mm) diameter dage)	/ <u>-</u>
		1.00-1.40	С		1.40			۸ 9 9	MG) AADE GROUNE prey speckled to pravel often cobl angular to subro with occasional of MG)	D (Loose locally medium dense to ocally clayey, silty and sandy fine to ble sized brick/concrete fragments ounded fine to coarse gravel of mix cobbles. Clinker and ash traces) End of Borehole at 1.40 m	dense I coarse . Scatte ed litho	prown/red and erred logy	-1
													3
			Туре	Results						1 /m = 90% Pacovery			9

Remarks: 0.0 - 0.27m = Concrete core 0.27 - 1.0m = 80% Recovery 1.0 - 1.4m = 90% Recovery



R	GS	ı				www.rc	ogersgeot	ech.co.uk	Borehole No WS 8
	_~~								Sheet 1 of 1
Proi	ect Na	ame			Pr	oject N	lo.		Hole Type
-	ssop					782/11		Co-ords: -	WLS
	ation:	Charles	stown	Road, Glossop				Level: -	Scale 1:50
 Clie	nt:	MET C	onsult	ing Engineers				Dates: 17/01/2011	Logged By RB
Vell	Water	Sample Depth (m)	es & In	Situ Testing	Depth (m)	Level (m AQD)	Legend	Stratum Description	1,
	Suikes	0.00-0.24	Type C	Results	0.06			CONCRETE screed.	<u>/</u>
		0.24-1.00	С		0.24			(MG) CONCRETE. (Angular and subangular fine to coarse (aggregate; Slight brown weathering discolouration; 5% voidage) (MG)	up to 25mm)
					1,00		*****	MADE GROUND (Medium dense red and grey coarse sized brick/concrete fragments. Clinker and ash traces (MG)	gravel and cobble
		1.00-1.80	C					No recovery 1.0 - 1.8m.	
					1.80		****	MADE GROUND (Loose becoming medium dense to d yellow speckled clayey silty sandy fine to coarse gravel	Ī
		1,80-2.50	С		2.50			occasionally cobble sized brick/concrete fragments. So subangular to rounded fine to coarse gravel of fine and grained micaceous sandstone. Clinker and ash traces) (MG)	medium - F
			!					End of Borehole at 2.50 m	
								·	
		· 						·	
					-				
								•	
								•	
									-
									}
								•	
					•				-
								•	
							.		
						1			-
				*	,				-
								•	
								•	
									į
	narks:		Type	Results				ecovery 1.0 - 1.8m = 0% Recovery 1.8 -	

2.5m = 50% Recovery



75	. =-				www.ro	gersgeotech	.co.uk		Borehole No WS 9
									Sheet 1 of
	ame				-		Co-ords:	-	Hole Type WLS
<u> </u>	Charles	town	Road, Glossop			· <u> </u>	Level:	-	Scale 1:50
t:	MET C	onsulti	ing Engineers				Dates:	14/01/2011	Logged By RB
				Depth	Level	Legend		Stratum Description	
JUIKÇA	Берті (т)	гуре	Results	0.10			cobble sized frag		e gravel and
	0.00-1.00	С		0.40		<u> </u>	MADE GROUND dense brown silt	y fine and medium sand with much a	subangular and //
				1.00		\$°0,20\\	micaceous sand: clinker/ash fragm	stone. Scattered fine and medium gr	ravel sized
	1.00-2.00	С					MADE GROUND subangular to we lithology. Clinker	ell-rounded fine to coarse gravel of n	clay with much
	2.00-3.00	С				x 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Loose brown clar Sand is fine to co to coarse and of sandstone/coars pebbles. (ALLUV	parse. Gravel is angular to well-roun mudstone/siltstone/fine grained mic e grained feldspathic sandstone/qua	ded, fine
∇	3.00-3.60	С		3.60			Very soft to soft to CLAY with scatte coarse gravel of sandstone/coars pebbles. Occasion plastic amorphotoms	ered locally much angular to well-rou mudstone/siltstone/fine grained mic e grained feldspathic sandstone/qua onal fine and medium gravel sized in	Inded fine to accous artzitic aclusions of
							Medium dense b fine to coarse. G coarse and of mi sandstone/coars pebbles. (ALLUV	ravel is angular to well-rounded, fine udstone/siltstone/fine grained micac e grained feldspathic sandstone/qua	o to
							(104)	End of Borehole at 3.50 m	i
			†. 						
				'					
				1					
	sop tion: t: Water Strikes	tion: Charles t: MET C Water Sample Depth (m) 0.00-1.00 1.00-2.00 2.00-3.00	t: MET Consult Water Samples & In Depth (m) Type 1.00-2.00 C 2.00-3.00 C	t: MET Consulting Engineers Water Samples & In Situ Testing Depth (m) Type Results 1.00-2.00 C 2.00-3.00 C	Proceeding Proceeding Proceeding Procedure P	cct Name sop J1782/11 tion: Charlestown Road, Glossop It: MET Consulting Engineers Water Samples & In Situ Testing (m) Level (m) AOD (m AOD) 0.00-1.00 C 0.40 0.65 1.00 1.00-2.00 C 3.00-3.60 C	ect Name sop J1782/11/E tion: Charlestown Road, Glossop It: MET Consulting Engineers Water Samples & In Situ Testing (m) (m) AOD Legend O.00-1.00 C O.065 1.00-2.00 C 2.00-3.00 C 3.00 3.00 3.60	tion: Charlestown Road, Glossop Level: MET Consulting Engineers Dates: Mater Samples & In Situ Testing Depth (m) AOD) O.00-1.00 C O.00-1.00 C	Sect Name Project No. J1782/11/E Co-ords: - It: MET Consulting Engineers Dates: 14/01/2011 Water Samples & In Situ Testing Depth (m) Type Results D.10 0.00-1.00 C D.40 D.65 1.00 D.65 D.65 D.65 D.65 D.65 D.65 1.00 D.65 D.65 D.65 D.65 1.00 D.65 D.65 D.65 D.65 D.65 D.65 D.65 1.00 D.65 D.65 D.65 D.65 D.65 D.65 D.65 D.65 1.00 D.65 D.65

3.6m = 95% Recovery



Project Name Glossop Location: Charlestown Road, Glossop Level: - Client: MET Consulting Engineers Dates: 17/01/2011 Well Water Samples & In Situ Testing (m) AOD Legend Stratum Description Strikes Depth (m) Type Results 0.00-0.36 C CONCRETE screed. (MG) CONCRETE (Angular and subangular fine to coarse (up to 25 aggregate; slight brown weathering discolouration; 5% Excess	heet 1 of 1
Glossop Location: Charlestown Road, Glossop Level: - Client: MET Consulting Engineers Dates: 17/01/2011 Well Water Samples & In Situ Testing (m) AOD Legend Stratum Description O.00-0.36 C O.00-	
Client: MET Consulting Engineers Dates: 17/01/2011 Well Water Strikes Depth (m) Type Results 0.00-0.36 C 0.00-0.36 C CONCRETE screed. (MG) CONCRETE: (Angular and subangular fine to coarse (up to 25 aggregate; slight brown weathering discolouration; 5% Excess	Hole Type WLS
Well Water Samples & In Situ Testing Depth (m) Type Results Depth (m) O.00-0.36 C CONCRETE screed. (MG) CONCRETE (Angular and subangular fine to coarse (up to 25 aggregate; slight brown weathering discolouration; 5% Excess	Scale 1:50
Strikes Depth (m) Type Results (m) (m AOD) Eager Stratum Description 0.00-0.36 C CONCRETE screed. (MG) CONCRETE: (Angular and subangular fine to coarse (up to 25 aggregate; slight brown weathering discolouration; 5% Excess	ogged By RB
0.00-0.36 C 0.04 CONCRETE screed. (MG) CONCRETE. (Angular and subangular fine to coarse (up to 25 aggregate; slight brown weathering discolouration; 5% Excess	
CONCRETE. (Angular and subangular fine to coarse (up to 25 aggregate; slight brown weathering discolouration; 5% Excess	
	5mm)
0.30-1.00 C 0.75 AAAAA Voidage) (MG)	- /k
1.00 MADE GROUND (Very loose brown clayey silty fine to coarse with scattered fine to coarse gravel sized brick/concrete	sand
fragments. Occasional subangular to rounded fine to coarse 1.00-2.00 C gravel of mixed lithology. Rare pottery)	/ -
(MG) Loose to medium dense brown silty very clayey very sandy	/
Subangular to well-rounded fine to coarse GRAVEL of Subangular to well-rounded fine to coarse GRAVEL of mudstone/sittstone/fine grained micaceous sandstone/coarse	, -2
grained feldspathic sandstone/quartzitic pebbles. (ALLUVIUM)	"
2.00-3.00 C Firm to stiff locally firm slightly fissured brown silty CLAY with scattered subangular to well-rounded fine and medium gr	ravel
of mudstone/siltstone/fine grained micaceous sandstone/coars grained feldspathic sandstone/limestone/chert/quartzitic	-3
3.00-3.50 C pebbles. Rare fine to coarse gravel sized inclusions/narrow an lenses and seams of yellow-brown fine and medium sand. Fle black carbonaceous material. (ALLUVIUM/possible TILL)	nd ecks of
3.50 Biack carbonaceous material. (ALLOVIolivipossible TILL)	
	-4
	-5
	[3
	-6
	<u>}</u>
	<u> </u>
	-7
	<u> </u>
	-
	-8
	· ~9
	ļ
	ļ.
	ţ
Type Results	

Remarks: 0.0 - 0.36m = Concrete core 0.36 - 1.0m = 100% Recovery 1.0 - 2.0m = 100% Recovery 2.0 - 3.0m = 20% Recovery 3.0 - 3.5m = 100% Recovery



R	GS					www.rc	gersgeote	ech.co.uk Borehole No WS 11	
								Sheet 1 of 1	4
	ect Na ssop	ime				oject N 782/11		Co-ords: - Hole Type WLS	
Loca	ation:	Charles	town	Road, Glossop	•			Level: - Scale 1:50	
Clie	nt:	MET Co	onsulti	ng Engineers				Dates: 17/01/2011 Logged By RB	
Well	Water Strikes	Sample Depth (m)	Type	Situ Testing Results	Depth (m)	Level (m AOD	Legend	Stratum Description	
		0.00-0.26	С		0.05 0.26			CONCRETE screed. (MG)	•
		0.25-1.00	С		0.26			CONCRETE. (Angular and subangular fine to coarse (up to 26mm) aggregate; Slight brown weathering discolouration; 5% Excess voidage) (MG)	٠
					1.00		××××	MADE GROUND (Loose to medium dense red-brown locally clayey and silty sandy medium and coarse gravel often cobble sized brick/moratr fragments. Many fine to coarse gravel sized clinker/ash fragments in upper levels. Occasional subangular to well-rounded fine to coarse gravel of mixed lithology) (MG)	
								End of Borehole at 1.00 m	2
									1
]	
									•
								. [7	′
									3
								· [1	
							,		
									,
								[
			Туре	Results	•	1.5	<u></u>		_
Ren	narks:	0.0 - 0.2	6m =	Concrete core	0.26 -	1.0m =	= 80% F	Recovery	ì



R	GS	٠.				www.rc	ogersgeol	ech.co.uk		Borehole No WS 12
										Sheet 1 of 1
_	ect Na ssop	ame				roject N 1782/11		Co-ords:	-	Hole Type WLS
Loc	ation:	Charles	stown	Road, Glossop				Level:	-	Scale 1:50
Clie	nt:	MET C	onsul	ting Engineers				Dates:	18/01/2011	Logged By RB
Well	Water Strikes	Sample Depth (m)	es & Ir Type	Situ Testing Results	Depth (m)	Level (m AOD)	Legend		Stratum Description	
	∇	0.00-0.48	С		0.48		****	voidage) (MG)	ngular and subangular fine to coarse thrown weathering discolouration; 1.5	
		0.48-1.00	C.		1.00			sized clinker/ash (MG) MADE GROUND	fragments)	1 Drown slightly
		1.00-2.00	С		1.60			brick fragments. (MG)	fine to coarse gravel often cobble siz Clinker and ash traces) E GROUND (Medium dense pale yell	
					2.00		₩.	silty sandy suban medium and coa cobbles)	gular and subrounded fine to coarse rse grained feldspathic sandstone wit	gravel of -2 h many
									End of Borehole at 2.50 m	
										-3
	•			·						
										-5
										6
										7
										-a -
									,	-9
			Туре	Results						ļ.
Rem	arks:	0.0 - 0.4			0.48 -	1.0m =	75% R	ecovery 1.0 -	2.0m = 95% Recovery	
										AGS

RGS										
								Sheet 1 of	1	
	ject N ssop	ame			1	roject N 1782/11		Co-ords: - Hole Type WLS	е	
Loc	ation:	Charte	harfestown Road, Glossop					Level: - Scale 1:50		
Clie	nt:	MET C	onsult	ing Engineers	·			Dates: 17/01/2011 Logged By	/	
Well	Water Strikes	Sampl Depth (m)		Situ Testing Results	Depth (m)	Level (m AOD)	Legend	Stratum Description		
	O	0.00-0.18	Type C	Results	0.05 0.18	(117100)		CONCRETE screed.	1	
	∇	0.18-1.00	С		0.70			(MG) CONCRETE. (Angular and subangular fine and medium (up to 20mm) aggregate; Slight brown weathering discolouration; 0.5% Excess voidage) (MG) MADE GROUND (Very loose grey-brown fine to coarse gravel often	-1	
		1.00-2.00	С		1.30	:		cobble sized concrete fragments with much subangular to rounded fine to coarse gravel of mixed lithology. Clinker and ash traces) (MG) Loose becoming very loose brown slightly clayey slightly silty		
		2.00-3.00	С					SAND/GRAVEL. Sand is fine to coarse. Gravel is subangular to well-rounded, fine to coarse and of mudstone/siltstone/fine grained micaceous sandstone/coarse grained feldspathic sandstone/limestone/chert/quartzitic pebbles. (ALLUVIUM) (RA) Very loose to loose becoming loose locally poorly and thickly	engular to -2 e/fine tithic /IUM)	
		3.00-4.00	С					laminated yellow-brown slightly slity fine and medium SAND. (ALLUVIUM) (RA)	3	
					3.80		* * * * *	Loose brown slightly clayey sandy micaceous SILT. (ALLUVIUM)		
					4.00			(RA) End of Borehole at 4.00 m	4	
									5	
		<u> </u>	Туре	Results				<u> </u>		
Rem	arks:	0.0 - 0.18			0.18 - 1	1.0m =	95% R	ecovery 1.0 - 2.0m = 95% Recovery 2.0		

- 3.0m = 60% Recovery 3.0 - 4.0m = 75% Recovery



R	GS	,					Borehole No WS 14			
							Sheet 1 of 1			
Glo	ject N ssop				J1	roject N 1782/1		Co-ords: -	Hole Type WLS	
Location:		Charles	stown	Road, Glossop	,			Level: -	Scale 1:50	
Clie	nt:	MET C	onsult	ing Engineers				Dates: 18/01/2011	Logged By RB	
Well Water Strikes		Sampl Depth (m)	es & In	Situ Testing Results	Depth (m)	Level (m AOD	Legend	Stratum Description		
		0.00-0.12 0.12-1.00	C	rasare	0.12			CONCRETE. (Angular and subangular fine to coarse (up to aggregate; Slight brown weathering discolouration; 0% Exceeding (MG)	/[
		1.00-2.00	С					MADE GROUND (Very loose brown very clayey very silty fine medium sand with scattered fine and medium gravel sized clinker/ash fragments. Scatteered angular to well-rounded fin and medium gravel of mixed lithology) (MG) Very loose locally poorly and thickly laminated brown silty fine to coarse SAND with occasional well-rounded fine and media quartzitic pebbles. (ALLUVIUM) (RA)	ne /-1	
		2.00-3.00	С		2,30		X - X - X - X - X - X - X - X - X - X -	Very soft grey-brown silty sandy CLAY with scattered locally much angular to well-rounded fine to coarse gravel of mudstone/siltstone/fine grained micaceous sandstone/coarse grained feldspathic sandstone/limestone/chert/quartzitic pebbles. Traces of spongy pseudo-fibrous organic material. (ALLUVIUM)	B (
	V				3.20		127128 (1144)	(RA)		
		3.00-4.00	С					End of Borehole at 4.00 m	-5	
									6	
	!								7	
		İ						*	-8 -	
;									-9 -	
			Time	Don He					}	
Rem	arks:			Results Concrete core 0				ecovery 1.0 - 2.0m = 60% Recovery 2.0		



www.rogersgeotech.co.uk									Borehole N WS 15		
	_~									Sheet 1 of	1
Project Name Project No. Glossop J1782/11/E Co-ords: -										Hole Type WLS	3
Glossop J1782/11/E Location: Charlestown Road, Glossop										Scale	
Loc	ation:	Chanes	stown	Road, Glossop				Level:		1:50	
Clie	nt:	MET C	onsulti	ing Engineers				Dates:	18/01/2011	Logged By RB	y
Vell	Water Strikes			Situ Testing	Depth (m)	Level (m AOD	Legend		Stratum Description		
	Guikes	Depth (m)	С	Results	0.30			clayey slightly sil gravel of Carbon (MG) POSSIBLE MAD	D (Loose becoming medium dense grey ty sandy angular to rounded fine and m liferous limestone. Clinker and ash trace E GROUND (Medium dense to dense y	edium es) rellow-brown and	<u> </u>
		1.00-1.30	С					grey slightly sand coarse GRAVEL sandstone/media	dy clayey silty angular to subrounded fir . of fine and medium grained micaceous urn and coarse grained feldspathic sand	ne to S	-1
					1.30			many cobbles)	End of Borehole at 1.30 m		†
											-2
•											
			,								-3
											-
	·										
		į									-
					į						
									•		
											ţ
			Туре	Results 5% Recovery	1		<u> </u>				_



RGS www.rogersgeotech.co.uk										
								Sheet 1 of 1		
Glo	ect N					oject N 782/1		Co-ords: -	Hole Type WLS	
Loca	ation:	Charles	stown I	Road, Glossop				Level: -	Scale 1:50	
Client: MET Consulting Engineers Dates: 18/01/2011										
Well	Water Strikes			Situ TestIng Results	Depth (m)	Level (m AOD	Legend	Stratum Description		
Well		Sample Depth (m) 0.00-1.00 1.00-2.00 2.00-3.00 3.00-4.00		Results Results	Depth (m) 1.30 2.00 4.00	Level (m AOD	Legend	MADE GROUND (Very loose becoming loose at depth of slightly sandy clayey silty angular to subrounded fine to gravel of Carboniferous limestone/fine and medium grainicaceous sandstone with occasional cobbles. Clinker/and glass in upper levels. Cobble sized inclusion of coargravel sized polystyrene fragments at 1.2m) (MG) Very loose locally poorly and thickly laminated friable grey-brown slightly organic slightly clayey sandy SILT wis scattered fine and medium gravel sized inclusions of spipseudo-fibrous organic material. (ALLUVIUM) (RA) No recovery 2.0 - 3.0m. Very loose becoming medium dense at depth grey-brown organic very clayey very silty SAND/GRAVEL. Sand is fire coarse. Gravel is angular to well-rounded, fine to coarse mudstone/siltstone/fine and medium grained micaceous sandstone/siltstone/fine and medium grained micaceous sandstone/siltstone/fine and medium grained micaceous medium gravel sized inclusions of spongy pseudo-fibrous material. (ALLUVIUM) (RA) End of Borehole at 4.00 m	coarse ned sash traces se	
					:				-8	
Rem	arks:	0.0 - 1.0r		Results % Recovery 1.	0 - 2.0	lm = 95	5% Reco	overy 2.0 - 3.0m = 0% Recovery 3.0 -		
				Recovery	-				ACS	



R	GS	·			,	www.rc	ogersgeot	ech.co.uk	Borehole No WS 17
									Sheet 1 of 1
Project Name Glossop						roject N 1782/1		Co-ords: -	Hole Type WLS
Location: Charlestown Road, Glossop							Level: -	Scale 1:50	
Clie	nt:	MET C	onsult	ing Engineers				Dates: 18/01/2011	Logged By RB
Well	Water Strikes	Sample Depth (m)	es & in Type	Results	Depth (m)	Level (m AOD	Legend	Stratum Description	
		0.00-0.50	С		0.20			MADE GROUND (Very loose buff-grey sandy angular to re and medium gravel of Carboniferous limestone) \ (MG).	ounded fine
					0.50		*****	MADE GROUND (Very loose grey-black slightly clayey slip silty sandy subangular to rounded medium and coarse gra- fine and medium grained micaceous sandstone with cobb Many fine and medium gravel sized clinker/ash fragments (MG)	avel of
				-					-2
									3
									-4
									-5
									-6
									-7
		·						·	-8
			i.		•			•	-9
		·							ļ .
			Туре	Results					
Rem	arks:	0.0 - 0.5	m = 90 Ne at	0% Recovery. Di	riller re	ported	broken	sample tube and adandonment of	

