

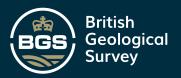
TRUSE E	nvii	oni	mei	ntal		roject		Borehole 102R (Sheet 1 of 3)										
Contractor	Hydrac	rat Wate	ar		С	Client Wilson Bowden Homes							Project No. EGMLS283					
Elevation	143.86	mOD			С	o-ordinates	L	Logged By JG Checked By										
Run (Flush) %	TCR %	SCR %	RQD %	MAX MIN CL	F.I. D	escription				:		Depth	Leg	ena i	Level O.D.			
4.50		(P.C.			ay and ash MADE GROUN	io)	3							43.86			
4.50					L	rey MUDSTO		alagaly	conced	fractured slightly		4.10 4.50 —			39.76			
					M	UDSTONE, v	ery weak	2)		k to moderately we	· · · · · · · · · · · · · · · · · ·	4.85 ~		1	39.01			
	96	72	32	20 <1	G ti	rey, with ora ninly bedded !	inge weatl MUDSTON	hered zo E, weak	nes alor to mode	ng weathered joints	s, very	5.10 5.50 - 5.60 5.90			38.76 38.36 38.26			
				6)	90	ne subvertica	al joint with	hered zo	nd orang	TONE, moderately se staining ng weathered joins moderately weak	strong.	5.50 <u> </u>			137.36 137.26			
					٥	ccasional clav	y on surfac	es		with medium to	COACSE	/ -						
7.50					si G tł	itstone grave rey, with ora ninly bedded	l (nodules) ange weat MUDST(hered zo	nes alo	ng weathered joins moderately weak	s, very	7.50 -			136.36			
<u> </u>	50	31	38	20 < 1		occasional clay on surfaces Grey very thinly bedded silty MUDSTONE, weak to moderately wea						8.50 ~ 8.60 8.75			135.36 135.26 135.11			
<u>-</u>					В	lack COAL, v	ery weak	with thin	carbona	ceous laminae	/	a./g -	\blacksquare		133,11			
						rey silty MUI clay matrix	OSTONE, v	ery weak	, recove	red as mudstone gr	avel in	-	丰					
<u> </u>					G	irey MUDSTO	NE, core le	ost					丰					
10.00 Drilling Data	<u> </u>		1							Progress/Ground	dwater	Behavi	iour					
Depth		Nethod		Bit T	уре	Hole Dia.	Core Dia.	Cas	ing Size	Date/Time	Hole Depth	Casing Depth	Water Depth	Depth Struck				
0.00-4.50 4.50-11.50	Rotary Open Hole Tricone Bit Rotary Core Tungsten Bit Rotary Open Hole Tricone Bit					120mm 120mm 120mm	75mm	4.50m		28.08.96 3.00pm 4.50pm 28.08.96 5.00pm	7.50 18.00 20.00	4.50 4.50 4.50	7.50 18.00	7.50 18.00	:			

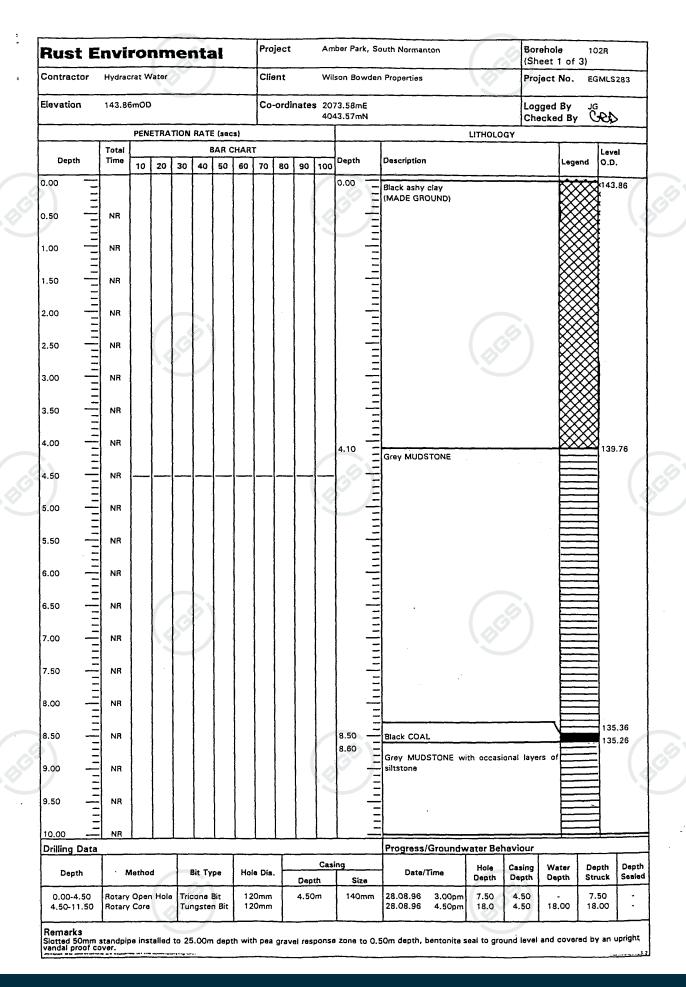


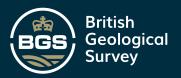
Rust E	nvi	roni	mei	ntal		Project	Amber Pa	rk, Sout	h Norma	enton		Borehol (Sheet		102R	
Contractor	Hydrad	rat Wate	ır			Client	Wilson Bo		Project No. EGMLS283						
levation	143.8	5mOD				Co-ordinates	2073.58r 4043.57r					Logged Checke	By d By	Gers	
Run (Flush) %	TCR %	SCR %	RQD %	MAX MIN CL	F.I.	Description				:		Depth	Leg	end	Level O.D.
10.00						Grey very thinly	y bedded fo	ssilifero	us MUD	STONE very weak		10.00	=		33.86
						Grey thickly lar				to moderately wea	k with	10:35			133.61 133.56
	80	48	36	15 <1		Grey very think		-/		cr (madded)		10.80			33.0
-										along fractures,	thiniy	11:09	- X X - X X	~ ~!	32.8 32.7
11.50		<u> </u>	-	-		SILTSTONE	extremely	closely :	spaceo 1	fractured MUDSTOI	VE and	11.50 -	<u> </u>	لندمه	32.3
11.50										d zones along fra ILTSTONE recover		<u> </u>		\exists	
=	ŀ					rounded mediu					أأل		==	\exists	
				61	1	Grey very thinf	y bedded S	ILTSTO	VE			-	==	\equiv	
-						Grey MUDSTO	NE						=	\Rightarrow	
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<u>. </u>						COAL						14.00	-		129.8
:	ļ	1	1									14.20	#		129.6
7	1		1		1	Grey MUDSTO	NE					-	==	\exists	
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-		}	})									==	=	
<u>-</u>	İ		}]							15.60	= =		128.2
-				1		Yellow SANDS	TONE						=:::		
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					l	Grey MUDSTO	NE					17.10 ~	- ••		126.
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-						Yellow SANDS	STONE					19.80	===	☴	124.0
Drilling Data		<u> </u>				· · · · · · · · · · · · · · · · · · ·	310112			Progress/Groun	dwate	r Behav	iour		==
Depth		Method		Ri+	Туре	Hole Dia.	Core Dia.	Cas	sing	Date/Time	Hole	Casing	Water	Depth	
			_		. 100	Tiole Dia.		Depth	Size		Depth	Depth	Depth	Struck	See
0.00-4.50 4.50-11.50 11.50-25.00	Rotary	Open Ho Core Open Ho		Tricone B Tungsten Tricone B	Bit	120mm 120mm 120mm	75mm	4.50m	140mm	28.08.96 3.00pm 4.50pm 28.08.96 5.00pm	18.00		7.50 18.00	7.50 18.00	
Remarks	L		U				ł	L	l		<u></u>		L	L	ــــــــــــــــــــــــــــــــــــــ
Remarks	[120mm	atered.			28.08.96 5.00pm	20.00	4.50	<u> </u>		

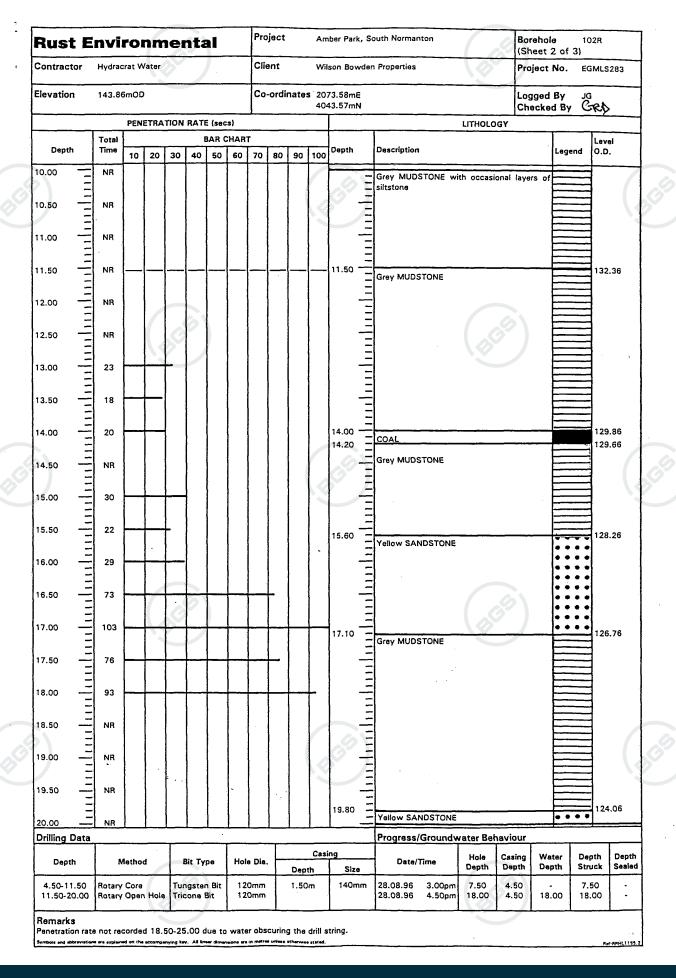


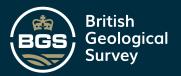
Rust E	nvi	roni	nei	ntal		Project		Borehole 102R (Sheet 3 of 3)							
Contractor	Hydrac	rat Wate	ı			Client		Project No. EGMLS283							
levation	143.86	SmOD				Co-ordinates	2073.58r 4043.57r		Logged By JG Checked By GRAP						
Run (Flush) %	TCR %	SCR %	RQD %	MAX MIN CL	F.I.	Description				:		Depth	Lege		Level O.D.
						Yellow SANDS	TONE								
-	,				ſ	Dark grey MUD Grey MUDSTOR		<u></u>				21.60 21.80			22.26 22.06
		(00			disy Mober of				(e	Geo	<u>-</u>			
							20.	<u>)</u>				25.00			18.86
						Base of Boreho	:					-			
			BC							(8	CG	-	-1		
						(BG					- - -			
	<u></u>	<u> </u>	1	<u> </u>						Programa / C	ducata		⊐ـ	L	
Drilling Data		Method		Bit	Type	Hole Dia.	Core Dia.		sing	Progress/Groun Date/Time	Hole	Casing	Water	Depth Struck	
0.00-4.50 4.50-11.50 11.50-25.00	Rotary	Open Ho Core	- 1	Tricone Bi Tungsten Tricone Bi	t Bit	120mm 120mm 120mm	75mm	Depth 4.50m	Size 140mm	28.08.96 3.00pm 4.50pm 28.08.96 5.00pm	7.50 18.00 20.00		7.50 18.00	7.50 18.00	Jeale
	Innoral A.		-		•	1 250000	I		I		~5.00	1.50	ı		



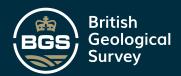








	Environmental							Proje			Am	ber Park, S		Borehole 102R (Sheet 3 of 3)					
Contractor								Clier	nt		Wil	son Bowder	n Properties	ject No.	ct No. EGMLS283				
Elevation 143.86mOD								Co-c	ordir	nates		73.58mE 43.57mN		ν <i>@</i>	245				
		PENE	TRA	TION	RATE	(secs)							LITHOLO	OGY				
Depth	Total Time	10	20	30	40	50		70	80	90	100	Depth	Description			Leg		evel	
20.00	NR							1					Yellow SANDSTONE			-			
20.50	NR						- }					S E							
20.50			ļ									Ξ							
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21.50	NR							1				21.60	Dark grey MUDSTON	E		_ =		22.26	
22.00	NR											21.80	Grey MUDSTONE				===	22.06	
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Drilling Data Depth		fethod		_	it Tys		Hole I	Die			Casi	ing	Progress/Groundv	Hole	Casing	Water	Depti		
	<u> </u>			-			1200		-	Dept		Size 140mm	·	Depth 7.50	Depth 4.50	Depth	Struc 7 50		
20.00-25.00	Rotary	open	noie	ine	one E		1200	1411		1.50r	113	140mm	28.08.96 3.00pm 28.08.96 4.50pm	7.50 18.00	4.50	18.00	7.50 18.00		
	L		2.5/	47					1				<u></u>	3.5//	1		L		



Rust Environmental

Dotto Shaat

Project

EGMLS283.Z59

Amber Park South Normanton

FIGURE A-1

TRIAL PIT AND BOREHOLE LOCATION PLAN **BH104R** BH104-BH103R⊕ BH103 **BH107R** BH102R BH102 ⊕BH106R TP101 TP102 BH105R-BH101R ☑ TP103 ⊕BH101 **I** TP104 LEGEND: DENOTES TRIAL PIT POSITION DENOTES LIGHT CABLE PERCUSSION BOREHOLE DENOTES ROTARY OPENHOLE/ROTARY CORED BOREHOLE 0m 100m SCALE

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