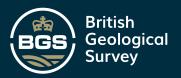


	invi	ntal		roject	Amber Pa	0	Borehole 103R (Sheet 1 of 2)								
Contractor Hydracrat Water Elevation 138.06mOD						lient	300	Project No. EGMLS283							
						o-ordinates	2240.90r 4112.63r		Logged By JG Checked By						
Run (Flush) %	TCR %	SCR %	RQD %	MAX MIN CL	F.I. D	escription						Depth	Leg	end	Level O.D.
)					S	andy clay	DG .					0.00 -			38.06
3.00		(20	9)		ellow SANDS		lamina	tod arail	laceous fine to	C C	2.40 _ 3.00 -			35.66
- - - - - -	100	53	10	14 <1	9	rained SAND	STONE, ver	y weak		sely spaced fractu	red silty	3.00 3.10 3.15 3.35 - 3.70 3.80	- 0 0		35.06 34.96 34.91 34.71
4.20					9 0 w	ravel range and gr reak	ey closely s	paced fr	actured	vered as fine to	STONE	4.20 - 4.95			133.80 133.1
6.20	85	14	56	12 <1	o fr	range, with	brown we	athered	zones,	and recovered as extremely closely ered as a fine to	spaced	5.45 _			32.6
	100	86	68	60	O Y Ia	range thinly ellow thinly l minae	ak laminated S aminated S laminated	ANDSTO	ONE, we	ak with thin carbon	naceous	- 6.45 			131.61
9.20					0	arbonaceous	laminae rey thinly	to thick	ly lamin	weak with thi	$ $	9.20			128.86
<u> </u>	78	28	3	10 <1	G	irey with ora	nge weathe	ered zone	es along	joints, very thinly o moderately wea	k. Clay				128.46 128.36
Drilling Data						1		Cas	sing	Progress/Grou	Hole	Casing	our Water	Depth	Dept
0.00-3.00 3.00-15.00	Rotary (Method Open Hol Care Open Hol		Bit Ty Tricone Bit Tungsten Bi Tricone Bit	 .	120mm 120mm 120mm	Core Dia.	Depth	Size 140mm	Date/Time 27.08.96	Depth 20.00	Depth	Depth		

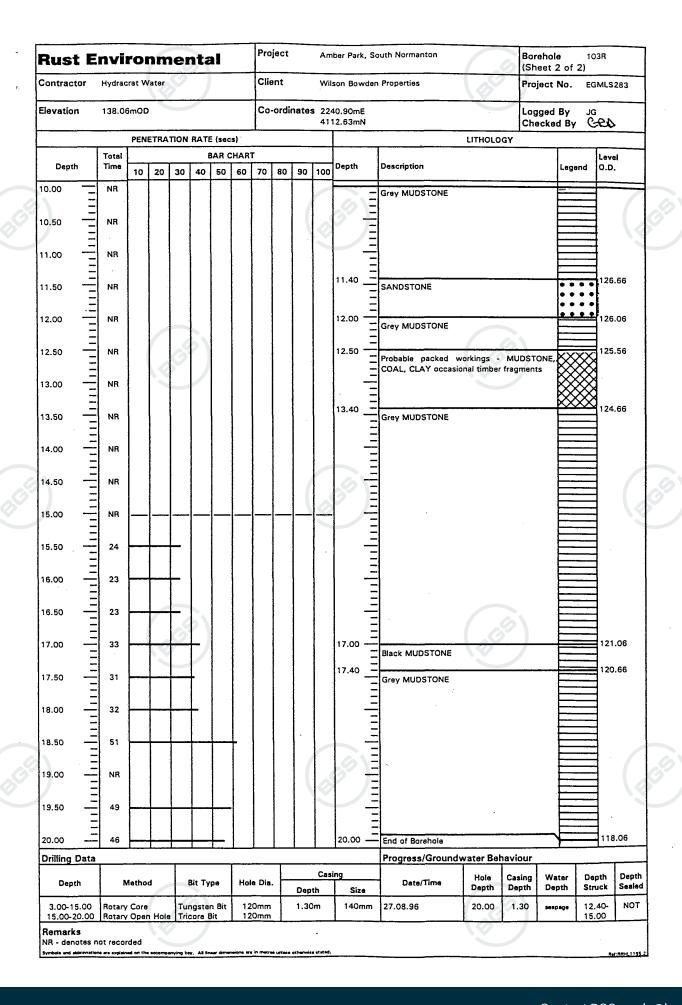


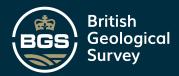
Rust E	nvi	ronr	nei	ntal	F	Project		Borehole 103R (Sheet 2 of 2)											
Contractor Hydracrat Water Elevation 138.06mOD						Client Wilson Bowden Homes								Project No. EGMLS283					
						Co-ordinates		Logged By JG Checked By											
Run (Flush) %	TCR %	SCR %	RQD %	MAX MIN CL	F.1.	Description					÷		Depth	Leg	and	Level O.D.			
	78	28	3	10 <1	0	Grey, with orar very closely s weak. Clay sm Grey, with orar Recovered as f	paced frameared on the same of	ctured M weathere	UDSTO	NE, weak es	to mode	rately	10.45			127.61			
<u>-</u> <u>-</u>					S	SANDSTONE,	core lost						11.40			26.66			
12.00	-			 		Grey thinly lam	inated MU	DSTONE	work t	n moderate	ly work		12.00		#4 1	26.06			
_					Γ						iy Weak		12.20			125.86			
12.00			00		C	Grey broken M Grey and black and rare fine gr PROBABLE PA	fine muds ravel size t	tone and imber fra	coal gra	vel with mu		natrix	12.55			125.5			
	1			1	ŀ	Grey broken M	UDSTONE	weak				- √.	13.40 — 13.50 —	- XX	₩.	24.6 24.5			
-	43	21	13	10 <1	T	Grey MUDSTO							13.50 -			124.5			
15.00		_				(G						15.00			123.0			
15.00						Grey MUDSTO							_						
=	1				<u>}</u>	Plack MUDSTO	NE with a	oal laver			1-3		17.00 -		=	121.0			
			0		1	Black MUDSTC					10		17.40 <u> </u>			120.6			
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Deilling Dei						Base of Boreho	210		 -	Drogram	Grave		20.00 -	2115		118.0			
Drilling Data Depth		Method		Bit T	уре	Hole Dia.	Core Dia.	Cas		Progress. Date/T	ime	Hole Depth	Casing Depth	Water Depth	Depth Struck				
0.00-3.00 3.00-15.00	Rotary	Open Hole Core Open Hole		Tricone Bit Tungsten B Tricone Bit	it .	120mm 120mm 120mm	75mm	Depth 1.30m	Size 140mm	27.08.96		20.00	1.50	DRY	-	-			



	Rust Environmental ontractor Hydracrat Water							Project Amber Park, South Normanton									Borehole 103R (Sheet 1 of 2)					
Contractor								Clien	t		Wil	son Bowo	ien Pr	roperties	Project				No. EGMLS283			
Elevation 138.06mOD							ľ	Co-ordinates 2240.90mE 4112.63mN									Logged By JG Checked By					
PENETRATION RATE (secs)													_	·	LITHOLO	GY						
Depth	Total Time	10	20	30	40 B	AR CH		0 8	80	90	100	Depth	De	escription			Leg	end O.E				
0.00 _												0.00	- Ye	allow sandy clay			=	138	3.06			
, <u> </u>	447								-								-	-1				
0.50	NR																-					
1.00	NR											-					[-]	<u>-</u>]				
Ξ	, ,,=											_					[-]	_]				
1.50	NR									ı			=				<u> </u> -]				
2.00	NR											-	3				<u> </u>					
3.50	N/P				5					į		2.40 _		ellow SANDSTONE	1	91			5.66			
2.50	NR												=	SHOW SANDSTONE								
1.50 ————————————————————————————————————	NR					-	- -	- -	-			3.00 -	_ 	ellow SANDSTONE				13!	5.06			
3.50	NR											_										
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=																	•		8.46			
9.50 —	NR											9.60	= G	irey MUDSTONE				**	J.+U			
10.00	NR	<u></u>	1					\perp				<u></u>	4									
Drilling Data				7		_			Г			ian	P	rogress/Ground	1			Τ	Τ.			
Depth		/letho	ď		Bit Typ	20	Hole I	Dia.		Dep	Cas th	Size	\exists	Date/Time	Hole Depth	Casing Depth	Water Depth	Depth Struck	Dep Seal			
0.00-3.00 3.00-15.00	Rotary Rotary				one E		120r 120r			1.30		140mr		7.08.96	20.00	1.30	-	-				







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

Filename: 283-01.DWG