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Dark grey rock in layers.	
Black bai.	456.6
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Light clunch Bund	459-H 2 5 153 - H.
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Blue bind strong:	486-9
Dark bind	488-9 2 162 2 9
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White rock, no hartings.	495-5
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While rock, no partings.	5-16-2 2 10 142 2
Stone bind	524-6 224 144 26
Strong blue bind	534-10 + 14+ 2 19
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Strong blue bind	5267
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Strong blue bind. Dinth	532-4 1 1 11 144 1 4
Dark bind	533-9 1 5 144 2 9
Black bind	53 4-0
Black rock.	535-6 16 148 6
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Black rock	536-4 7 148 2 4
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SECTIO	ON OF			SK	<u> </u>	61	NB/	R	
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<u>-</u>	Grey bind	130-4	538.2			10	149		
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	boal J	>	۵۰۵ در سرکز محاصد در این	, ,		2.	180		6
	Church		54.0-10 54.0-10	1		2	180	- * ;	<u> </u>
1	Bal		Sul-1				180		1.0
	blunch	JP.	541-4		13	3	180		
	Bat	4 ~	541-4			3	180		<i>H</i>
	Bal		54/-9	7		3	180		4
	blunch	A administra	s డు · 6			2. 	180		6
	Bat		512-8			ລ	180		8
	Stone clunch		54,4-4	J	,		181	,	7
Δ	White rock without b	eds or wind			2	4	183		11
	Grey rock	-112	5 to . y		a	S	18 <i>H</i>		7
	Stone bind	9 CC	555-6		2_	11	185		6
	Dark bind		కేక్కా/ం			rt,			10,
	boai	4	565-11	<u></u>			185	ļ	
		MB.	<u>\$460</u>	4			185		
	Stone bind	·	560-4				186		4
+	Blue bind very strong) —	562-1	_			187		1
	Ironstone measure.		562,3	ļ\		_ع.	187	<u>.</u>	3.
	Blue bind very stron	g ·	564-10			4	188		10
	Ironstone measure.	Bird	565-0	ļ. ļ		_2	188		
/4	Blue bind . very stro		566-8	ļ ļ			1.88	.	
	Ironstone measure		5 66-10			ໍ່ a.	188	.2	10,
-	Blue bind strong		<u> 567 -1</u>			3.	189	 	
1	Ironstone measure		5675	1 1			. 189		S
	Blue bund		544-10	T		5.	1,9,1	ļ	(to
	Ironskone measure		2.32-1		1	3	191		1
 [Carried for	waid .	\	-		191	2	1
1 (1149) Wt 8	1826 10 5000 2/11 M & C Ltd	ч.							2
	The second of th	•			*.				



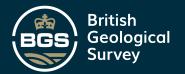
SECT	CION. OF			S K	. \ \	Doth ja		8	
٠	de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la		ļ	Pathoma	feet. ins.	Fathome.	feet	P	
	Brown Black bind	ight forwa	S 46-5	V		191	2		
I	Stone blunch		5 46-11			192	-		
3	Grey bank		2 78-2		.9.	192			
	Grey rock	u	\$ 80.1		1 1.	192			
	Stone bind very stro	mq.	501-4		, ,	1 93		2,	
	Grey rock in layers.		583-5		2 3	194		5	
	Stone bind very skro	ng	592-1	La	2 8	1 9.4		1	
	Blue bind	Bud	597-3	<i>\(\frac{1}{r}\)</i>	2 1	199			
11	Ironskone measure.	Sma	5 97-14			199		<i>.</i>	
-	Blue bund		60-1 -5			200		<i>3</i> .	
	Dark clunch		301 -7			200	1	7.,	
+- - -	los 15 ST. JOHNS CTOP	COAL)	603-0	(1 5	. 201.		No. 100 Profession Constitution	
* - 	Dark clunch	ye	605-3	- 1	2 3	2º1	. 2	8	
	Light Clunch		604-7			202	<i>1</i>	2	
-4	Stone bund		6 10 -9		7	203	,	9	
	Grey rock in layers	INB.	6 11-6		9	203	2	6	
	Stone brud	91	6/3-0		, 6	204	. ,		
	Strong blue brid		6 16-2	. \ /	a	205	1	2	
	Dark bind		618-6		2H	206		6	
	book. 1st ST. JOHAS (BO)	TOM COAL)	618-11	(5.	206	. ,	// <u></u>	
-	Bac		619-0		- /	206	. 1.	·	
	Dark clunch	Po1-	619-4		4.	206	1	<i>i</i>	
	While rock no partin	9s. 131	695-8	1	#	204	,	f	
	Grey rock in layers.		626-4	_	." 8	208	a.	4	
	Stone bind strong		6 35-5	2	. /	a.o.	.2	. 5 7	
	Blue bund	(10)	634-11		26	211			
	Ironstone measures	But	635 -/		2.	211	2	·	
	Blue bind		6363		1 2	2/2		3.	
+	Ironstone measure		6 36 - 3	- 4-	2	<u>212</u>		S	
	Blue bind		638- 3		2	212	۵.	<i>\$</i>	
1	boal 2nd ST. JOHN'S		હ ે . વ		9_	2/3/		. 2	
+++	Black bal		639-3		1	213		<u>3</u>	
<u></u>		Carried for	swald 7.3			213		.3.	
(1119) Wt	3826 10 5000 2/11 M & G Ltd	8 	· · · · · · · · · · · · · · · · · · ·	· 新型 · 金髓	,	1%	.*		



. × . •	- 1	SK	461	Depen of	6	北
			feet ins		feet	
WESTPHALMNB A	(~ 0 - 2	yards	feet in	-		<u>"</u>
Drought fo	ward. 639-3	,		2 13		3
Stone clunch	643-9	-'	- //	214	,	
Dark blue bind	643 /	\	<u> </u>	-		9
Stone bind	6547		2 /	216		10
White rock	637-Y	1 '.	2 3.	218		
Stone bind	6548	1 '		219		7
Black bat	2 % · - /			`		
Dark blunch	66 2-4	,	1 4		2	4
White rock in layers.	663.10		16	221		10
Brown cank. White rock in layers.	6 64-11	1		222		11
Brown cank	668-2		3	`	2	2.
Stone buid. very stong.	6%-5		2 3		,	5
Blue brid	672 -1	7	, 8	224		١,,
Ironskone measure.	ان وري		. 2	. 224		3.
Blue bind	674-5		2 2	224	a	5.
Dark bind Bine	l 645-4		11	225	-	4.
Ironstone measure	675-6		2	. 225		6.
Dark bind	680-0	,	, 6	226	2	
Ironstone measure	580-2			. 226	2	a .
Black bina	680 -4		ŝ	226	2	٧.
Black but	681-5	\	10	224		5
Strong clunch	683-11		2 6	227	2	11
White rock no partings.	689-8	('	2 9	229	2	8
Grey cank.			1 9	230	t	5.
White rock.	692-2		9	230	2	2
bockle shell bed.	ind 692-4	/		230	 2.	4
Strong blue bind			"	231		3,
Strong stone bind	694-8		1 8	231	′	8
White rock. C	MB 695-7	1	5	231	2	
Strong stone bind.	697-10	1	2	232	'	10
barred	forward 4-10	1		232	11	10.



19	S	K4	Į6	N	1/19	á	Ŋ
		Thic	kness	200	Depth	from	
		yards.	fe.	mi	yaras.	feet	Par
WESTPHONEN B Brought forward	694-10	U			232	,	J'A
Grey rock very strong UNS	400-6		2	8	233	,	D
Blue stone bind.	¥324	,	, .	10	244	a	
Blue bind.	7::: 5	/ 2	2	,	244	,	S.
Blackshale	744-1		,	8	248	.,	,
	74, L, -3	/		2.	248	-	3.
Blackshale with thin streaks of	160al.		2	,	248	2	H
·	146-10	ĺ		6	248	2	10
blunch with balls of Ironstone	B	100	,	з.	249	,	,
	752-3	4	, ,	2	250	2.	3.
	458-3	1	L "	.,	252	2	3
_	158-5	*		2.	252	2	క
	160-2	97	,	9	253	,	a .
Tronstone measure	760-4			2	253		14
	161-11	1990	,	4	253	2	11
	162-9	a.cepage.a.		10.	2 <i>51</i> +		9.
Ironotone measure.	63-0	a de la companya de l		3.	25 <i>H</i>	,	۳
A .	164-4	of the contract of the contrac	, ,	H	255	2	4
Blue bina	175-4		2 2		258	,	14
Black bind	115-8	- Charter and Constitution		4	258	,	8
Ironstone measure	Y76-0	v engones	13	4	258	2	٠.
Blue bind	444-6		,	6	259		6
Ironstone measure	A4.1-8			a .	259		8
Blue bind.	VV9-6		•	10	ર દવ	a	6
Ironstone measure	3-91.			2.	259	a	8
Blue bind	A8 0-11		,	3	260	٠.	11
Ironokone measure	Y81-1	and the same of th		2.	260	,	,
Blue bina	785-1		,		261	2	,
	4x 5= 6			త [∵]	261	2	6
Blackshale		ž.	1	1			1
Shell bed	y8 5-y	1		1.	261	2	4
Shell bed	485-10 485-10			1: 3.	261	2	10



20	SI	49	61	IÉ,	A	2	2
		Thick	eness.	300	Depel		Sign
		yards.	fc.	ins	yards	feet	no
WESTPHALIAN B Brought forward	, Y85-10				261	2	10
Black bat	7861			3.	262	,	/
blunch.	786.3			4	262		5
Ironotone or earle	78.71-0			Y	262	1	••
Strong stone bind with far	k vhees 10	2	Q	10	265	•	10
Blue bind (5)	1993			5	266	,	3
Ironotone measure	40706			3.	266	1	6
Blackshale	1197 - "	1		5.	266	,	"
loal	يك د د د			3.	266	a	2
Black bat	4.72.49		13	#	266	2	6
Grey clunch	80000		2 .	4	268		10
Stone bind	\$ 1000		/	10	269	′	8
White rock in one bed	809-5			9.	269	2	5
Very strong stone bind	8 19-11		3 1	6.	273	"	"
White rock in layers.			, ,	"	274	2	10
Brown cank very hard	\$ 84 × 1		- :	2 3	24	5 2	,
Grey rock in layers.	₹ 8 3 % ~	/ 	3 1	,	249	-	1
Brown earle	3 837.2 3	1		3.	249	' 	4
White rock in thin layers	5 548 - 7	11	3	2 "	282	1	
Strong stone bund.	251-	11	1	2	283		6
While rock in layers.	85-2-1	. 1 1	1	#	1		10
Strong stone bind	1521	1		8	284	'	6
White rock	253.	7	×	H	•	'	10
i Yop Hard boal.	889 J		2 .	 -	286	/	10
Soft dut (holing)	e 839.1			′	286	'	"
Soft clunch.	260 -	1 1		10		2	'
Strong blunch	868-			2 8	284	2	,
Rock. in layers.	8690		2	" <u> </u>	289		
· Rock in one bed ffl	8 Y2"	1 1		2 8	290		
Rock in layers.	8 /2 ·			8		٠	
Strong stone bind.	2'19. sand 3'49.	1	2	30 4	29.3	, ,	\$.



	હિ	SK4	6	N	E/4	3	D
		Thicks	ness.	3	Depel	gone	Ly
		yards	fe.	ins	yards	fe	
WESTPHALIAN B Brought forward	8 79-5	1			293	(21
Grey rock, very hard. (almost a	call 60. 5	V	,	,	293	1	16
Strong blue bind (with Ironstone b.	ale 3)93.9	4	,	3.	294	2	9
Branch Ghal	893-11			2.	294	2	1
Soft boal.	874-1			2.	298		1.
Black bak	894.6			5 .	298		6.
Grey clunch	8 9 6.6		2		298	2	6.
Grey rock.	809-4	-	2	10	299	2	4
White rock, very hard.	908.3	2.	2	11	302	2	3
Grey rock	9 15-10	2	1.	4	.తి0	, ,	10.
Soft tank band	9 16 - 25			42	305	1	2/2.
Distorage practice to the contract of the cont	918-8	\mathcal{L}	2	5/2	306	-	8
	20-9	(2	1	306	2	9.
ð	del 6	\	".	9	308		6.
Blue bina B	33 · L	2.	2.	0	311	.,	μ,
Blue build with Ironstone bands;		(,	1 8	.	312	3	
	4 38 -5			2.	312	. 2.	2.
boal. DUNSIA (TOP COAL)	139-4	(, ;	- I	313		H.
Dark soft clunch.	40.7		1 3	s.	313	,	٧.
strong stone bind with Ironstone	- 1		")		314	2	6.
Stone brud with rock bands ?	51-4	2	- 70	0.	314	,	4.
	53.4		2		314	2	+ .
	56-6	1	2	_	318	2	6.
Coal. Dunsil. DUNSH (BOTTOM CON)			2 2	-	319	1	8.
Strong blunch with boal band		L (2 3.		320		11.
	632	\ <u></u>	2 3.	_	321	,	2.
	6 7.6	[]	1 4		322	'	6 , ,
Glaggy Rock Birth	682		. 8		322	2	2.
Try rock.	200		1 4	'	323	.,	9.
Blue bind with Ironstone bands		2	2 1.		325	2	10.
	86-8	1/2	2 10	,	328	2	8.
Carried forward. I	86-8	V			328	.2]	₽.

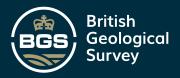


	in	/ / c	e NJ		lo	4Î	
<u> </u>	(6)	140	kness.		Depit		Maria.
		yards.		nj	yards	ft	un
†	WESTPHALIAN B	-	1		328		8
-	boal Waterloo 4-05 Bright Coal 2-10 Bught Coal 2-13	'a	,	62.	330	,	R
	(cone. 49/stz.			,			
	blunch . 991-5			21/2.	330	1	5. !-
	Stone clunch.	.		10/2		-	3½.
	Stone bind \$1-13 - 974 "92	1 1		6.	3.31	,	92.
	Flaggy 198.	$\{ \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid \mid$		4	ბ32	2	1/2.
	Stone bind	1 \	1	12.	334	•	2.
	Blue bind 10 15 -0	_	1	10. 	338	1	-
	book WATERLOO MARKER 1016-0	<u> </u>	/		338	2	٠
i	Dark clunch. 25 Bul 1319-2	1 1	-	2.	339	2	2.
	Dark blue bind 1029-1		,	.8	343		10.
	Grey rock. 1034.		2 - 1	8	344 344	2	6
	Dark blue buid. Coal \$2.057	9 5	1 9	Ī.	352	′	9.
	Dut 9 coal 23						
	boal. 2nd Waterloo Dark Chunch			8.	356	1069	5-
	boal. 2 Waterloo Dark Clunch + hunge. 2 - 11/2. Strong Church 2. 44.	3	2	<u>*</u>	300		
	coal imagi. 9.)					
	Strong stone elunch. 1969 1040-5		1		356	2	5
	Stone bind with Rock bands 1080."	3	1	2.	360		7.
4	Strong blue bind. 10 & Y - 1.		2 1	H	362	,	"
-	grey rock Bind 1091 V	/	.	8	363	2	1.
	Strong blue bind. 1097-3		/ 2	8	365	2	3.
	Dark blue bind. 1101-4		, , ,	,	364		4.
	Dark blue bind.	$ \setminus \setminus$	2	<u></u>	369	-	3.
	boal. Zadwateklos 08.7			6	369	/	9.
	local and merige	/	,	4	340	٠.	4.
			. ,		340	,	4.
	Blue bina	1 \ 5	- ,	,	375	2	4.
	boal. "28-			9	346		1.
	Strong clunch. 1130-3	2	2	,	346	2	2
	Carried forward.				346	2	2.
*	13.	•	•		,		



	S	K4 (6N	É	/6	1		2
		Thick	ness.		Deput	from	క ా	
	11 2	yardo	pe.	iis	yaras	fe.	2	
WESTPHALIAN B Brought fo	1130-2 rward	1			346	2		5
Rock	// 32 ° °		, ,	' o.	377	,		4
Strong stone bind I !	11 37-11	,	2	"	349	,	"	D
Stone bind	1154-1	16	, ;	۷.	385	2	1.	
Bat and munge ?4th WATER	LOD 1161-4	\ \(\frac{1}{2} \)	, .	3.	387	:	4.	
Haggy rock and Bind p		/	2 /	ο.	389		2-	
bank.	1/ S # 1		,	9.	389	1.	"	
Stone land.	1/69-3			4	389	2	.3.	
bank.	40-12		,	, _C	390		H.	
Grey rock.	- 11719		/	5	390	,	9.	
Stone bind	144.0	,	2	3.	392	,	,	
Rock,	11 14 11 1100		, ,	4.	392	2	<i>4</i> .	
Strong Stony bund.	1183-9	,	2	2.	394	,	9.	
Strong stone bind.	1774-2	15		<u>s.</u>	399	. 2	2	
	1205-0 stone Bund.		2 /	0,	401	2		
Dark blue bind with Iron Bank shale	1204-5		2 6	5.	402	,	5.	
boal.	12.08 -1	`~		8	402	2	, .	
boal and minger	12,09 -1		,	-	4 03		1.	
- Grey clunch ! JC	1211-55		2 1	+ 1/2	403	2	5/2.	
Coal Jet ELL	12/1-10			+2	403	2	10.	
Black bak.	1212-0	(V	2.	404	٠.		
Stone clunch	12/3 -5			·5.	404		5	
Strong Stone bind	1215-5	1,		_	405		క.	
Dark blue brid L1-13	12.19-4	<i>\(\ , \)</i>	/ 2	٤. ا	406	,	у.	
Stone bund with rock be	3-9-E	3	, ,		409	I.	8.	
Strong blue bind.	1235-6	7,	2 /	 o.	411	2	6.	
Dark blue bind with Cank b	ands, 13-2	/ a	1 : 8		464	,	2.	
Dark blue bind with Ironsto	13446-0		2 1		415	,	-	
Strong blue bind	12 53- y	2	, 4		414	2	y.	
Strong Stone bind	125,2 -6			,,	418	~ !	6.	
Grey rock	1256-9		, 3.		418	2	9.	
barned for	Ī	•		0	7.0	******	19.	

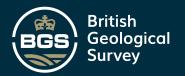
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7	24	SK	4,6	3N	IE/E	18	2
		Thicking yards.			Depen of Yards	fo.	3.1
	Dark blue bind with Ironstone 12.63.10		,	,	418 421	2	
	Dark shale. 1268-10	V	2	_	422	2	
	Bright soft boat. John 12.40-6		'	8. 3.	423 423	,	63
+	Die Sofe boal Sill boal 2.70-62			-	423	2	2 1/4
	Soft blunch. 1271.4			44	423	2	y .
	Strong stone clunch. DB 19.43.4		2	9	H2H H25	,	3.
	Stone bind with rock bands. 12. 4 6.3 strong stone bind with rock bands. 4.5	2		2.	428		<i>5</i> .
and the second	Dark blue bind	1 2	,	8	430	2	,
	with Ironstone -1294,9	,	2	10.	432 433	<i>!</i>	9.
10 to 10 to	Rock. Oli 1300-11		.,	14	433	,	,,
W.	Stone bina		/	1+.	1434		3.
. 4	Grey rock. 1303-10		1 2	Y	434 440		10.
	Dark blue bind with Ironstone Bands. Blackshale with cank balls.	8 / 2	2	<i>u</i> .	443		3.
Spracovymen	Strong stone bund. B. 1330.11		,	8.	443	,	"
	WESTPHALLAN A Jack blue bind. 1351.3.	3	2	234	450	/	34.
ĺ	Dark clunch and minge. 1351-4		. -	31/4	1	,	4.
	Clunchy bund with It insigne. 1555		"	5.		2	
and the same	Shaley bind with Ironitore. 1567.6 Dark blue bind.	1 1	1 2	6. 3.	455 454	2	6.
	Strong stone bind. 13 44.		,	3.	458		
1	Grey rock.		1. 2	. ,	459	2	
	Rock and bank.	. 1	2 2	2.	461	,	3.
gangle .	Blue bind and Thells. B 1842.	3 7	2		464		3.
1	Churchy brid.	1 1	2	3.	7		
- African	Carried forward 1394.		Γ		∥ 464	· a	1 Ψ,
l		-					-



€. 25			~1		1/	A	
	2	KÄ	R	N	16	7	9
(30)	- Y	Thick	resi		~	for	Surface
		yards	4	ins.		1 2	
WESTPILANA Brought forward 3	94.6		0		1164	T . •	
	94.0	V	2	6	465	2	
	399-4	/	2		466	,	14.
	01-9		2	5,/	•		q.
₩	02		<u> </u>	10.	,	,	y.
A	101-0	7	,	5	469		
	ా-కే.			54	469		5/2.
/ Skrong dark elunch of 14	08-5			113	469	,	5.
• Grey clunch.	11-5	(,		3.	440	,	8.
Dark blue bind with Ironskone bas	18:8	/2	,		472	2	P.
			2	<i>5</i> .	443	2	1.
Black bat and shells No 14. Blue bind with Ironstone bands 14.	ان - رشامت		,	Y	444		8.
Blue bind with Ironstone bands 14	30-1	2	,	5	446	2_	, .
Blue bind with Shells + Ironstone.	43.5	4	1	4.	481	-	5,
Soft boal	13-105			53	481	٠	10%.
It back blunch and boal	4435			63	481	,	5,
coss Hard book 1446 12	46-21		,	9生	482		23.
£it. 3.	4 /	\		ళ.	482		13.
Cloal.	- %		4)	Υ.	482	,	22.
Strong grey blunch. "151	- /	1		103	H83	2	1.
Dark Soft clunch H	5 - 5 . o	$\int \cdot $	′	4.	485		5.
Dark clunch with Streaks of lo			٠.	,	486		6.
blunchy bind with cank balls.	19-8	1 -	'	2.	486	,	8.
Dark clunch with Skreaks of loa	£.4.1		,	<u>5.</u>	488		1.
loal.	6 4. 2			4.	488	,	ર્ડ.
Wark elunch with streaks of loo-al	68-10 H	4	'	2	488	1 .	γ.
Strong stone blunch with cank	balls	\'	٠,	3.	469	′	10.
	yy - 9 yo 10	/ 2	2	"	492	,	9.
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	6 2 - 4		2	9.	494	•	4.
britished with the second	85-9	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		5 ⁻.	495	,	9
Carried forward	·85-4[. [ļ		495	·	19.
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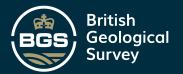
,		• b	V Asc) N			1)
			Thicke	fr.	L,	Depth of	Je.	Surf	<u> </u>
	WESTPHA	HMNA Brought forward.	Yards.	Je.	me.	·495	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	4	J
, -	-	Grey rock. 1496-9	3	2		498	2		
6		Strong Stone bind 1 1503-2	2		5.	501		2.	
٠,		Grey rock.		,	,,	501	/	2.	
	-	Strong Stone land, 8	∥ 1	/	8.	501	2	10.	
		Grey rock. 506 - 4	1		9.	502	٠,	7.	
,	-	Strong Stone bind.	1		-	503		7.	
		Blue bind.		,	10.		2	5.	
		(514-16)			53.	<i> </i>	a.	103.	
	EEP SOFT	Dirt. (1806) 15/20/1/2			½ ,	504	2	11.	
6	pp cont)	Solt new clumph 2.7/2			ళ.	<i>క౦క.</i>	0	4.	
		poly gay same,		'	32	505	1	9. 01.	
		Bod.			*	505 505	2	23.	
9.			#4	2	2 9 至		2	22.	
		Grey clunch with streaks of Coal 3. 0		2	ļ [*]	504 508	,		
		Blue bind with cank balls 1539 - 8	<i>H</i>		9.	\$13	<u>'</u>	9.	
		Dark clunchy bind. B 5-43-5		<u>'</u>	9.	514	,	5.	
		Dark bear le 2		2	3.	515	,	8.	
	EAP SOF	boal.		7	3.	515	,	//	
		Soft grey clunch with streaks of boo	38	,	8	516		7.	
-	-	Strong stone clunch with Rock band	·	٠,	11	518	,	6.	
	-	Strong bind with rock bands.	B/		5	519	7	11	
	DEEP HAL	Dark blue bind with Stone binds.		ລ	6	521	,	5.	
	ROOF COA	boal.			7.	521	2		
1		Grey clunch. JC 567-11		2	"	522	,	11	
		Stone clunch. 569.6	[,	6.	523	٠.	5	
	-	Flaggy rock SIB 1542-4		2	"	524		4.	•
1		Strong stone bind.		2	4.	525	2	8	
1		Drone bind with rock bands.		/	1	526	2.	9.	0
1		smong blue bind,	1 2	2	6.	52 Y	2	3.	
]	1	Carried forward.	J			524	12	3 -	
1	1	14.							a.



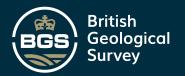
	S	K4	6N		3		2
	_	Thicks		Depel	Ť	Bour	te A
	1583-3	Yards.	fe u	ns Yards	f	D	H
WESTPHALIAN A Brought for	ward.			- రఖ	1 4		U
Strong blue bra with cank b		/ /	- 5	528	2	8	Z
Dark blue bind. Bind	1590-10	('	1 2	53 c	,	1	
1 0	1594-2	\	4	531	,	2	
Noft coal	1594-4		2	. 531	,	14	
EEP) Hard coal with soft streaks (Depty. 10		2 8:	532	/	0,2.	
(Doft eval.	Naco		9	532	/	10.	
sloom.	1598.4		9	532	2	7.	
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	600-5		10	533	,	5.	
2 the sign of the	603-6	/	/	. 53H	/	6	
Grey rock.	504-2		1 2.	534	2	8.	
staring saves severe. V.	1637 24	1	/ //	536	′	у.	
	613 - 0		1 3.	536	2	10,	
	1621-8	3	1 10	. 540	1	8.	
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	625-0	\	<u>వ</u>	541	2		
	626.32		1 53	542		5%	
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Grey clunch with streaks of	boal of	4	94	543	.,	3.	
Dark grey clunch.	631-1		1 10.	543	2	r	
o .	34-3	/ .	2	544	2	3.	
a a constant of the constant o	36-6		2 3.	545	,	6.	
	638-4	/	1 10.	546		#	
1	646-2	/ /	//	544	,	3.	
Strong blue bind with Ironston	e Bands	, .	. ///	548	2	2.	٠.
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, , , , , , , , , , , , , , , , , , , ,	54-2	. 2	5.	551	1.	2	
	5 % 10	\., /	. 8	ప్ క ష	,	10.	
7,00 510	0 21 - Y	15	9	568	0	y .	
	106-1		1 6	568	a	1.	•
barried forwar	100.6-1			568	R	1.	



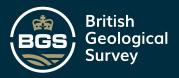
ı	S	K46NE		10
+		Thickness	Depth	om Surface
		yards ft we	yards	40
	1406' /		568	35-
	bonglomerate. 1711-2	1 2 1	540	TR
	Grey rock. (1715-10	1 , 8	541	2 10.
	bonglomerate 1418-0	2 2	542	2 .
	Grey rock. 1769 -1	14 2 1	587	, ,
	boal 1763-2	,	584	1 2.
	Strong stone bind. 1762-11	9.	584	, ,,
	Grey rock: (17 74-0	3 2 1	591	, .
1	banky rock. 1788-8	H 2 8	596	. 8
3	Grey rock 180 4-0	6 4	602	/ -
	local Tops.) V may	, , ,	602	2 ,
	boal bottoms. J Tupton Seam 18 12. 20		604	<i>"</i>
-	deft grey clunch. 1813-4	1 9.	604	1.9.
	Strong dark clunch. 1816 -9		605	1 9.
,	Strong bird, with rock bands.	2 9.	606	1 6.
	Grey rock	1 4	604	· . 1.
	Strong stone bind. 1856-10	1 9.	1604	1 10.
	Itrong stone bind. 1835-1	4 . 3	611	2 1.
-	Dark blue bind 1833.6	1 . 5.	612	2 6
4	boal. Tupkon 3/4 Seam. 18611-2	2 8	613	2 2 .
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ļ	Dark clunchy brid. 1844-10	1 10		2 10.
	1848 - 1	23	l· [- 2
	wasted that survey.	13.		2
2	185 V = 0			1 2.
	surong viae some.	1 2 4	'	9.
	18 63 - 1	2 4		· \(\mu \).
	11. F 8 1. 9 . H	2 8	621	
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	Carried forwards - 10	n i I	025	·· Vo.



1	SKM 6NI			
	SE CONT	- 6	3	2
	Thickness.	Deput fro	m 5	1
	 	yards	<u> </u>	int t
	WESTPHALIMA Brought forward.	625	Y	0.
	Strong blue bund. It 184 7-0 1 2	625	2	D
_	Stone bund with rock bands. 6.5	628	2	1)
-	Blue bind with Ironstone. 1888-10 / 2 5	629	' .	0.
	Dark shaley bind with Ironstone 5. 5	630	2	5.
;	Soft sloom	630	2	10 <u>.</u>
-	Strong stone lind. 1878-7 /1 2 11	632	2	9.
-	Strong blue bind. It B 1901-1 2 H	633	2	
	Strong stone buide 1910-1 3	636	a	<u>'</u>
	Strong blue bind. (7/9-1/3).	639	2	,
+	Nock bind.	639	2	10.
÷ ;	Blue bind with Ironskone band. 1 2 2 3.	645	2	<i>4</i> .
-	Dark shale 1 1935= 82 4 42	645		84.
	(p 1/35",	645		11
-	Doje dain surven.	646		
1	Goal: yara roux	646	2	10, .
÷ .	Dark grey climeto.	644		ч.
A BEALT OF	stony current was	648		4.
1	19/1/1-9		2	9.
-	19 4 4 4			6.
-	19/1/19			9.
-	Soft dark clunch with streaks of boat. 2 4	650		1
	Grey clunch with streaks of boal.	650	2	,
1	Strong stone bind with rock bands.	651	a	, -
	banky rock. 1962-1 21:	654		
	Black cank. 1965-6 1. 5.	655	":	6.
	Strong stone bind . A 1968-5 2 11	656	٠.	5.
	Strong blue bind. 2 11	654	-	4.
	Stone buid	. 1	/	1,
	bank 1918-82 4	A	′	
	barred forward 48. 82	1.659	1.	183.



	1		~15	r M		lo
30		SK4	6N	Depen fo	E som	
	1948-82.	yards f	t ins	yards		4
_	a. 1981-9		03	660		⁸ R
Strong stone but stone but with w	ock bands! 991-2	3	5.	663	2	2
Rock and cank	1995 -1	,	. ///	665	٠.	1.
Strong bind.	B 1999-42		1 33	1	2	43.
soft blue bind	(bannel boal 2-6	22	1 0 2	667	-	/
Biackshale Sean	n. 4-0" Bright. Dirti 20 0 4-1 bannel boals	2 /	10	669	0	/
S nacksmute news	(Hard Bright boal.	2	(20	(۶)		
Soft dark clunch	M7	1 /	9	669	2	10.
Strong stone clu	^ 6\~ / F 4		2 2	641	2	
Strong clunchy be strong stone bin	And a	 +	, 3.	644	-+	3.
. Rock band.	20 22 7	1 1	. 4	644		7.
Stone bind.	JU15 20 2. 9 -1	2	6	646	/	
Blue bind.	2032 -	y	2 6	644 648	/	4.
Strong blue brid.	2039-4		2	64 g	3 9 2	y.
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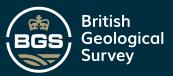
32.	Method of Disposal of		Filery Tip and Title and T	I7A
SCHEDULE; 1	Sports		113	
	VATER ROHER FER	8 '	j (
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	USE OF			
NO. 1 AREA SITE COORDS.	DOMESTIC))		
	Shaft from	No. 1	λο. 3	
NDS DIVISION	15	- 286 yds.	- 604. yda.	
FI, 360.1 (COLIENT)	Vorkings Orained	Top Hard Seam	Low Main Seem.	
OF SHA	Quantity Pumped	205,807 G.P. Day.	43,200 G.P. Day.	
0.0	CAPACITY	500 G.P.M.	120 G.P. M.	
MATTOWAL	8	Mather J. Platt Mather J.	в.т.н.	
	No.	No. 1	ко. 3	
				is a consider



	Sample S	Sulf Coll Sole Cast						
### CALIFER FOR PRINTERS PRINTERS VATER FROUNTERS PRINTERS	### Giapesil. Clapesil. Children Chil	### CAST # ### CAST # ##################################						
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Silities Silities	Start	SHAFT SHAF			•			K, 872.21
S	### \$ H. F.	S			<			
1.	1.2 yds. 5 G.P.M. Waterloo Hae Working 1.2 yds. 5 G.P.M. Waterloo Hae Working 20 G.P.M. Waterloo Hae Working 20 G.P.M. Approaching outcrop 2.25 G.P.M. Approaching outcrop 2.5 G.P.M. Barrier encountered 1.2 yds. 1.2 G.P.M. Water from Seam 1.2 G.P.M. Water from Seam 1.2 G.P.M. Approaching outcrop 20 G.P	1.2 yds. 5 G.P.M. Waterloo Hae Working 20 G.P.M. Waterloo Hae Working 20 G.P.M. Waterloo Hae Working 20 G.P.M. Approaching outcrop 2.25 G.P.M. Water from Sean 12 G.P.M. Water from Sean 12 G.P.M. Water from Sean 12 G.P.M. Water from Sean 12 G.P.M. Water from Sean 12 G.P.M. Water from Sean 13 G.P.M. 17 yds. 10 G.P.M. 16 G.P.M. 15 yds. 10 G.P.M. 15 G.P.M. 1			B A F T		6 0 F	2
- 42 yds. 5 G.P.M. Waterloo Rise Working 20 G.P - 42 yds. 9.25 G.P.M. Approaching outcrop 20 G.P.M. Barrier encountered 5.5 G.P.M. Water from Seam 2.2 G.P.M. Water from Seam 2.2 G.P.M. Water from Seam 2.2 G.P.M. Water from Seam 2.2 G.P.M. 12 G.P.M. 12 G.P.M. 2.47 yds. 10 G.P.M. 13 G.P.M. 14 yds. 10 G.P.M. 2.47 yds. 2.4	- 42 yda. 5 G.P.M. Waterloo Rise Working 20 G.P	- 42 yds		SIMFI	HORIZON	QUANTITY		1
-42 yds	## 14 yda	- 42 yds.						Amail III
- 48 yds.	- 42 yds. 9.25 G.P.M. Barrier encountered - 62 yds. 12 G.P.M. Water from Seam - 73 yds. 12 G.P.M. Water from Seam - 10 yds. 6 G.P.M. and roof 11 yds. 10 G.P.M. 10 G.P.M 44 yds. 13 G.P.M. 13 G.P.M 45 yds. 20 G.P.M. 20	- 49 yds. 9.25 G.P.M. Barrier encountered - 62 yds. 9.5 G.P.M. Barrier encountered - 73 yds. 12 G.P.M. Water from Seam - 10 yds. Small Feeder 10 yds. 6 G.P.M. 4 G.P.M. 10 G.P.M. 11 G.P.M. 13 G.P.M. 13 G.P.M. 14 yds. 14 G.P.M. 15 G.P.M. 15 G.P.M. 15 G.P.M. 16 G.P.M. 16 G.P.M. 16 G.P.M. 16 G.P.M. 16 G.P.M. 16 G.P.M. 16 G.P.M. 17 yds. 17 yds. 18 G.P.M. 16 G.P.M. 18 G.P.M. 19 yds. 19 G.P.M. 18 G.P.M. 19 yds. 19 de. Small feeder.		No. 1 Shaft.	- 42 yds.	5 G. P. M.	Waterloo Rise Working	
- 62 yds.	- 62 yds 78 yds 78 yds 12 G.P.M. - 10 yds 10 yds 17 yds 18 G.P.M 19 yds 19 yds 19 yds 19 yds 10 G.P.M 1	- 62 yds. 9.5 G.P.M. Water from Seam - 78 yds. 12 G.P.M. Water from Seam - 18 yds. Small Foeder 10 yds. 6 G.P.M. 4 G.P.M 17 yds. 10 G.P.M. 10 G.P.M 47 yds. 13 G.P.M. 13 G.P.M 47 yds. 30 G.P.M. 15 G.P.M 47 yds. Small foeder.		Sheft Water	- 48 yds.	9.25 G.P.W.	Approaching outerop	20 G. P. M.
- 62 yds. 9.5 G.P.M. Barrier encountered - 78 yds. 12 G.P.M. Water from Seam - 10 yds. 5 G.P.M. and roof 10 yds. 6 G.P.M. 4 G.P.M 14 yds. 10 G.P.M. 10 G.P.M 67 yds. 30 G.P.M. 30 G.P.M. 5 G.P.M. 5 M. 13 G.P.M. 5 M. 13 G.P.M. 5 M. 13 G.P.M. 5 M.	- 62 yds. 9.5 G.P.M. Water from Seam - 78 yds. 12 G.P.M. Water from Seam - 95 yds. Small Feeder. 6 G.P.M. and roof. - 10 yds. 6 G.P.M. 6 G.P.M. - 17 yds. 10 G.P.M. 10 G.P.M. - 47 yds. 30 G.P.M. 30 G.P.M. - 67 yds. 30 G.P.M. 30 G.P.M. 30 G.P.M.	- 62 yds. 9.5 G.P.M. Water from Seam - 78 yds. 12 G.P.M. Water from Seam - 35 yds. Small Feeder. 6 G.P.M. and roofs. - 10 yds. 6 G.P.M. 4 G.P.M. - 14 yds. 10 G.P.M. 10 G.P.M. - 44 yds. 30 G.P.M. 30 G.P.M. - 49 yds. Small feeder.		Feeders.				
- 78 yds. 12 G.P.M. Water from Seam and roof.	- 78 yds.	- 78 yds. 12 G.P.M. Water from Seam - 55 yds. Small Feeder. - 10 yds. 6 G.P.M. 6 G.P.M. - 17 yds. 4 G.P.M. 10 G.P.M. - 14 yds. 10 G.P.M. 10 G.P.M. - 67 yds. 30 G.P.M. Small feeder.			- 62 yds.	9.5 G.P.M.	Barrier encountered	
- 10 yda. - 10 yda. - 10 yda. - 17 yda. - 14 yda. - 47 yda. - 49 yda. Small feedor.	- 10 yds 10 yds 10 yds 11 yds 12 yds 13 yds 14 yds 17 yds 17 yds 17 yds 17 yds 17 yds 17 yds 17 yds 17 yds 17 yds 17 yds 17 yds 18 G.P.M 67 yds 19 yds 10 G.P.M 10 G.P.M 10 yds 10 G.P.M 10 yds 10 G.P.M 10 G.P.M 10 yds 10 yds 10 yds 10 yds 10 yds 10 yds 10 yds 10 yds 10 yds 10 yds 10 G.P.M	and roof. - 55 yds. - 10 yds. - 15 yds. - 15 yds. - 15 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 17 yds. - 18 yds. - 19 yds. - 19 yds. - 19 yds. - 10 G.P.M.		78 25	70 C	Water from Seam		
- 85 yds. Small Feeder. 6 G.P. M. - 10 yds. 6 G.P. M. - 17 yds. 10 G.P. M. - 14 yds. 13 G.P. M. - 47 yds. 30 G.P. M. - 459 yds. Small feeder.	- 35 yde. - 10 yds. - 10 yds. - 17 yds. - 16 G.P.M. - 17 yds. - 14 yds. - 47 yds. - 67 yds. - 49 yds. Small feeder.	- 35 yda. - 10 yda. - 10 yda. - 17 yda. - 16 .P.M. - 47 yda. - 47 yda. - 47 yda. - 499 ydas Small feedor.			**************************************	LC Criteria		1
- 85 yds 10 yds. 6 G.P.W. 4 G.P.W 17 yds 16 G.P.W. 10 G.P.W 47 yds 47 yds 67 yds 499 yds. Smell feedor.	- 35 yds. 6 G.P.M 10 yds. 6 G.P.M 17 yds. 10 G.P.M 4 G.P.M 47 yds. 10 G.P.M 47 yds. 30 G.P.M 49 yds. Small fooder.	- 85 yds 10 yds. 6 G.P.M. - 17 yds 16 gds. 10 G.P.M 14 yds 17 yds 17 yds 17 yds 17 yds 17 yds 17 yds 18 gds 19 yds					and roof.	
- 10 yds. 6 G.P.W. - 17 yds. 10 G.P.M. - 44 yds. 10 G.P.W. - 47 yds. 30 G.P.W. - 49 yds. Small feeder.	- 10 yds. 6 G.P.W. - 17 yds. 4 G.P.W. - 36 yds. 10 G.P.W. - 47 yds. 13 G.P.W. - 499 yds. Small feeder.	- 10 yds. 6 G.P.M 17 yds. 4 G.P.M 36 yds. 10 G.P.M 44 yds. 10 G.P.M 47 yds. 13 G.P.M 67 yds. 30 G.P.M. Small fooder.			- 85 yds.	Small Feeder.		
- 17 yds 36 yds 4, G.P.M. 10 G.P.M 44 yds 47 yds 67 yds 49 yds. Small feeder.	- 17 yds 36 yds 44 G.P.M. 10 G.P.M. 11 G.P.M 47 yds 67 yds 499 yds. Small feeder.	- 17 yds 36 yds 44 yds 44 yds 47 yds 67 yds 499 yds. Small fooder.		No. 2 Shaft.	- 10 yds.	Ж. С. В. Ж.		8
- 1/ yds. - 36 yds. - 4, 6.P.M. 10 G.P.M. - 4, yds. - 67 yds. 30 G.P.M. Small feeder.	- 17 ydds 36 ydds 44 ydds 47 ydds 67 ydds. 30 G.P.M. Small fooder.	- 1/ yds 36 yds 4 G.P.M. 10 G.P.M. 11 G.P.M. 13 G.P.M 47 yds 67 yds 49 yds. Small feeder.	415 TT	Details of Shaft				
6. 10 G.P.M. 10 G.P.M. 30 G.P.M. Small feedore	6. 10 G.P.M. 10 G.P.M. 30 G.P.M. Small feeder.	5. 10 G.P.M. 10 G.P.M. 30 G.P.M. Small feedore.		Water Feeders	- 17 yds.	4 G.P.W.		
5. 15 G.P.M. 50 G.P.M. Small feeder.	5. 15 G.P.M. 30 G.P.M. Small feedor.	5. 15 G.P.M. 5. 30 G.P.M. Small feedore.			- 36 yds.	10 G. P.M.		
13 G.P.M. 30 G.P.M. Small feedor.	de. Small feedor.	do. Small feedor.				200		
do. Small feedor.	So G.P.M. Small feedor.	Small feedors						
dae Small feeder.	dae Small feeder.	dae Small feeder.			- 47 yds.	13 G.P.W.		3
Small feeders.	Small feeder.	Small feeders.			- 67 yds.	30 G.P.M.		
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Schedule: 3	S. FORD					2	/SK	112/30 46/17A	
	T E R BOILEN FEED	9 .	000	g. p. day					
A N E A	ONL WASHING	1	Ě						
IO. 1 AREA	DOMESTIC U.S. E) • · · · · · · · · · · · · · · · · · ·	2,000	g. p. day					
	SOURCE	Watershed Glapwell	Hill Watershed	- op -					
EAST HIRL	фантіту	56,000 G. P. Day	To Reservoir 258,000	G.P. Day	Total 314,000				
COAL BOARD	NAME OF WELL OR OTHER WORK	Sto okley Pumping	Station	Reservoir.			À A		
NAT 108 A.	ADORESS OF PREHISES	Glapwell, Nr. Chesterfield,	Derbyshire.				2		
				ō	3				



Solibute: \$	8,892 (6)	ms Top Hard and 1st Waterloo n further affected by		12	/3	0 sk	(°/36 .u. \$ (17	
EAST HIPLANDS PIVISION HO. 1 AREA Glapwall.	WATER PROBLEMS IN WORKINGS.	A deep and normally very dry mine, Glapwell has only experienced trouble with water as shallower Seams Top Hard and 1st Waterloo approached the Outdrop near the water bearing rock and alluvium of the River Doe Lea. This has been further affected by waterlogged ancient workings of the 6 ft. thick Top Hard Seam mear the Outdrop. The working of Lower Seams could have	allowed to rise indefinitely.					
MATIONAL COAL BOARD EAST HIDLAN Glapwells.	は上では 一茂〇 ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	A deep and normally very dry mine, Glapwell approached the Outgrop near the water bearin waterlogged ancient workings of the 6 ft. th	affected if the flood water at Langwith was allowed to rise indefinitely.					