

QUARTER SHEE	T SKUTSE	
BH REGISTRATI	ON NUMBER 143-164	
NUMBER NOT	+ 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>
(Delete as appropriate)		
Pecorbs	ENTERED & HED BY WALL	<u>INGE</u> C

(NGRC FORM 2)



	Calliery: bering below Blackshale Coal. mber given by owner (if different from above):			V.	icol. Ma her Con	_	
<u>46 yds.</u>	workings, 110 rds, 5. of No. 3 Pit, and W. at No. 8 Pit [All 3 pits are close toge	ther	-	A si	ketch-ma m a large destrable	T 5	, [†] [
urpose for w	hich made To brove Mickley & Hilburn coals bore commenced relative to O.D 1979-25 th. If not down bor	e state i	f horizon	tal or u			
evel at which	Bolsever Calliery Co	Bolsov	er Call	iery.	<u>Ča.</u>		
lade by							
	See Section	Dip of	strate (Not H	eros ded	<u>) </u>	
pecimens			ICKNESS		-pane	DEPTH	
GEOLOGICAL	DESCRIPTION	 T	Fr.	in.		Fr.	in
LASSIFICATION		100	الصنان				
	Coles (diamond bit dills), 2's in. to 425 tt.	1 X In	DE 10		·		
. —	when in brackets train core-enamination	·#					
	Blackshale Coal ar - 1879.254.00	29	205 4	trac	sur	ace	
	Blackshale Coal ar - 1313.23 11.00			1		77	1
	Clunch, soft or coal streams		4	21		5	10
	Stone clunch [Stigmaria]		—				
	Stone bind a +laggy rock [mainly silty		30	82		36	7
	mudst. a silkstone]		22	9%		59	1
	Stone bind w. ironst. balls [hard grey sitty mudet.]						_
	Bind, chunchy [Hard any Slickensided mudst.		2	102	******************	62	3
	w. plant debris]			6		66	-
	Stone bind		-4-	6		69	
	Bind, clunchy [dark slickensided mudsr.]			72		69	10
	", black or coal streaks		2	25		72	ļ .
	Clunch, sott			3			-
	Brambton Law COAL 3 iv.			7		7	1
**	Bind, clunchy		17	9	····	90	¥
	Stone Lind [Hard silly mudst. w sillst streaks]		 2	2 <u>'</u> 2		92	K
	1 Find dark blue			6		93	4
	", black w. COAL streaks		1	σį		94	.5
	· a clunchy bird		9			103	6
	, down blue w. ironst. bands [stone bind]		72.	9		106	13
	11 Sott black	***************************************				107	يَمُ
	CANNEL UID.		16	6		123	8
	Bind, dark shaly		<u> </u>	9		12.5	ي ا
. . •	" black		1	6		126	ی
	CANNEL interior 12 in.			6_		12.6	ī
	Bind, clunchy, w. coal streaks		15	8		142	7
	- + shalp blind, dark blue [Bind a stone bind]		2	4		144	1
•	" blue clunchy		19	9		164	8
	", blue a gray or irensk bands [Hand, in siltst streaks	J	44	8		209	4
	Shale 4 bind w. ironst. bands, blue-grey 4 dark		**	82		211	0
		l					-
	Shale dark			77	Ш	1211	
			1.	75	 	215	8



	control of Phaning bolo, Rightshale, COAlli) <i>M</i>	י אַר פ	arter S	11001		
) (*)****	ver Solidary Hoving below Blackshale Coally	1			K	13 5	3
	The state of the s	TH	HEKNEM	$\boldsymbol{\Delta}$		Dirtn	_ 4 :
CLASSIFICATION	DESCRIPTION		Fh	10		Fy.	is.
	Brought torward			J		215	8
	Shule, dark grey [Black carbonaccous shale, cleared]		<u> </u>			218	9
	" . blue - grey & dark m ironsu bands						
	[listric surfaces]		16	10		235	7
	Shale, dark [Curbonicala		2	ユ		238	2
	Clunch, dark w. coal streaks [coaly dirt]			ユー		238	
	Bind, blue a gray w ironst. [Silk, mudst. a silkst.]		16	1)		255	8
,	" w. ironst. [Carboniale		14			269_	9
	dark w. ironst. bands Caxbonicola		2.6	94		296	64
	, quera blue w ironst. [Bands of siltst. 4 sandst.]		30	23/4		327	94
İ	Shale, black w coar markings (sic.)			03/4	ļ	332	10
	(COAL GIN.						
	dirt 20% "			ļ			
	CANNEL T "	<u></u>	2	914		336	73
	1		41	04	.,	377	8
	Bird a slely but a conty a worst. lade [Dip 20°] Birt a slele gray a dark wirner bands 3 Shale dark						
	1 T Dih 20°7		20	9		398	
	Bil a class gran a dard w worst bands		36	52		434	
	Shale do le		5	32	,	440	1
Sub	milbon, COAL, interior & in.			8		440	
/ / /	Bind, soft black w. coal markings		٦	8	ļ <u></u>	448	
1	To Shale, grey a dark gray		61	 2		509	8
1 /	Section of the sectio						<u> </u>
l .	Dapth from surface 2715 tt. 4 in						
1							
	*						
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İ	A Che	n					-
	W.	1841			ļ		-
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<i>Y</i>	(2019)	er Gilliery county Derby	1		geol. map.
♥GROLOGICAL CLASSIFICATION.	69	NATURE OF STRATA.	Feet.	Inches.	Foot.
	~ /	Brought forward	#		1186
		Black bind		罗芝	B
		Rock	6	2	1/ 3
		Strong grey bind	4	3	100
		Rock /	2	72	1199
	Ist. Water 100.	Stone bind 40 in.	43	4.	1207
	TSI. TOUTE TOU.	Clunch	1	42	1209
		Strong bind w. rock band	3	$ i^{-} $	1515
	· .	Stone bird.	10	0	127.5
		Blue bind w. ironst. balls COAL 8 in.	6	11	1229
		Clunch 8 in.	,	G	12.31
i		Stone bind w. ironst. balls	19	3	1250
		Strong grey hind	7		1257
		Grey rock	21	94	1278
		Dark blue bind	12	94	1291
: \		(COAL 41n.			
	2nd. Water 100				
) dirt 4. "		ا يه	, ,
		COAL 20%	<u> 2</u> —	77	4 4
	;	Black bind 18 4			
		dirr 1,		1. 1	
		COAL 10 2 "	7	04	1298
	· · · · · · · · · · · · · · · · · · ·	Strong bind w. ironst. balls	6	3	1304
		Stone bind w. rock bands	12_	2	1317
- , ,	٤.	Strong bind w. wanst. balls	11	1/2	1319
MUNCH (4	V_{in}	COAL 5 in.		سی ا	1329
Street base of 1	12 376-5	Clunch	·	11/2	1332
Strange Plant of	15.0 9 st. 10.76	Strong bird w. ironst. balls COAL 9 in.		8	1339
Showe parables		Strong clunch	2	6	1378
Rock of 14		Hard stony bind	2	10	1387
Rocking of gir		Strong bind	. 6	0	1293
"/		Rock & rock bind	6	6	1400
		Clunch Eastly Company	3	9	1402
		Faulty bind 4 rock	3	0	1407
		Strong bind w. ironst. balls	12	0	142/
		Blue bind	4	52	1425
		Canky rock	4	4	1430
		Blue bind	10	10	1441
		Grey rock Blue bind	10	72	1442
		Black shale	2.	9	1455
		Ironstone band		2	1455
		COAL Gin.	-	6	1456
1.1% In the approximate of the same of the state of		Clunch COAL 4½ in.	9	0	146
		रियान दि "			1465



34	Bolsover	Colliery County De	1 by	L'N.	. •
GEOLOGICAL	7	NATURE OF STRATA.	11	ICKNESS.	DE DE
CLASSIFICATION.			Peet	i. Inches	. Feet.
		Brought found		- -	14.65
		lurch v. word balls	3		1467
		greg wich	5	- 0	11/4/4
	_	Home bunk	6	42	16,00
		I ask the bul	16	9	
		Home find w. would. I		62	1509
		She but w. "	. 8	16	1317
		Black bil		. . G	11/16
ے	, ,	$\begin{cases} \frac{COAL}{dirt} & 1 \end{cases}$			
	<u>LL</u> .	COAL 22	٠ ا ک	u	1521
••		Clunch	4	ä	026
		Stone hind v. worst. ball	4		
		Ein and lasting	19	34	1145
		Grey rock		5-5	1548
		Dan blue bird	3	1	1/51
	7)	Roch 4 slove bird	10	8	1561
		Dank blue bird	34		11526
		Black brid		6	15.98
		Clunk (COAL a dir) 2 in.	2	151.8
			L 20	12	1511
*		Stone bid a centy or Blue bird w innot! fall		0	1677
		Stone bid w. rock bar	Lo 14	62	1640
The second second second	* * *	Black bril	7	8	16.8
		COAL 32		3 £	16 48
, s 		Clunch		6	16.7
		Strong stone bind	11	9,	1140
		Black bind,	4	42	11012
		COAL 41		42	1665
	• •	Clunch	2.	10	1040
·		Black bind	14	110	1653
		Dark blue bind w. iron	t.balls 9	8	1672
	5	Soft " " " " " " " " " " " " " " " " " " "		61	100
		COAL 15 in		3]	1 7 1
Dee	b Soft.	COAL 24	.		
		dirt 8/2	•		
	e de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya del companya de la companya de la companya del companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la co	COAL 494	. 8	84	1710
· · · · · · · · · · · · · · · · · · ·		Strong clunch w. coal stre	chr 5	0.	1715
		" stone clunch	19	54	1735
Angelia and and	•	Blue bind	۷	7	1737
		SCOAL 6 in			,_,, .
		Charles Minge 38 "	- 11	8	1741
another sation		Clunch Strong stone bind we ironst	balls 19	8	1746
7 04 26 NOV	(o. 14)	Stone bind w. rock ba	nde 19	8,	164
anather section	10 ⁵ /	Grey rock	nds 18 49	州土	1834
W. 917, 1379.	₹	COAL Lin.	" " "	2	1834
. راز /	<i>7</i>	Haggy Rock	5	2	1:40
		strong stone bind	25	75	1865
Al Do	eb Hard	'I COAL SR			
T De	UM I'M	Int. Cannel 4 bat 18	5	102	1871



18	Bolsover	Collicry county Derhy		1' N.S.	gool map	4
GEOLOGICAL				CNESS.	DEP	
CLASSIFICATION.	NAT	URE OF STRATA.	Feet.	Inches.	Peet.	Ie
		Brought formand	3		15.71	:
	Sq	hong clunch	3	6"	1,125	
	42	me had we rock bands	20	9.	1.645	
		lue bid	7	0_	1905	
		(COAL 22 m.				
·		Clunch 101 "				
		COAL 4 "				
	Piper.	dirt 6 "	-			
		CCAL 5"			1	
		Minge 19 -				
7		COAL 26 "	15	3	1918	
		Cluric	2	05	1920	
		Blue bind	5	2	195	
		Grey and	l	6,	1926	٠.
		here buil	18	105	1945	
		Black bird		1	1945	
1		(CANNEL ZIII)	1. 1	(O)		
V	0 1	Blue a HACH bind 18 "	100			
		COAL 6"	3	9	1949	٠
		Store church	2_	10	1952	
,		Blue brid		7	148.3	
	***	COAL 3 in.		3	1953	
		Black but		6	7.3	
		Clurch	4	0	1957	
,		Stone bird w. rock bonds	19	2	1976	1
		Blue bird w. worst. falls	7	11	1984	1
		Black bind	2_		HET	
		" w. coal sheets		6	1187	(
		Stone clumb	4	17	1992	
		Blue bud		2	1192	
,	en de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la co	Black but	7	7	2000	
		" staly but		1/2	2003	
	and the second	Blue bil		经之	2004	
		(COAL 20 2 in.		61		
	-G.	dirt. 4 " ninge 9½ "			1	
	Tupton Low Main .		100	_ی	2011	
		(<u>COAL</u> 43 "	6		2011	
		Clunch	5	0	201b 2021	
		Grey rock		1	2036	
		Strong stone bind w. rock bands	15	4		. •
. ;		Blue bind	6	4	2012	
and a second second	-11 3/	(COAL 31 t in.		i	11	
	Tupton 14.	dark clunch 40 E	4	34	2049	Ć
	, - , - , -	COAL 34 "	6 3 16	74	205L	
and the second		Clunck	1K	8	2069	•
	,	Rock	10 -	北艺	11074	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Strong bink w. rock band	4		2077	
4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Stone bind	4 3 23 /5	6.2		
4		Strong blue bind	42	14,2	2116	ĺ
		Stene bind w. net bands	12		2123	l
		Strong bind	7 5	川北		1
		Blue bind w. ironst. bands	11		2:129	
	(2)	Black " " -	6	10	116.136	1



, , , REC		LL or BORING (continued)	rs E	Streey	reor map	64
, qt	BOI JOHER	collicry county Derby =	- TOTAL CO	NE98.	DEI	
GEOLOGICAL	(20)	NATURE OF STRATA.	Feet.	Inches.	Poet.	Inches
CLASSIFICATION.					2136	9
		Brought torward COAL 3½ in.		(T		
		COAL 31 in.		100		
	Yard.	Int. COAL 2 -				
	14100.	Clunch 4			,	. 4
		COAL ZOZ "	2	9£	2/39	6 Z
		Grey clunch	4		1143	7
Salar salar salar salar salar salar salar salar salar salar salar salar salar salar salar salar salar salar s		Blue bink	3	۷.	2146	9
		(CANNEL 32 in.		8	2//7	5-
		COAL 42 "		9	2/47	2
		Clunck	10	11	2162	5
		stone bind w. ironst balls	27_	0	2184	j
		Rock Strong stone bind	127	95	21715	62
and the graph of		" grey bind	5		2.20\$	ΙοŹ
		" blue bind w. irenst.	5	12	1207	0
	61	Soft bind		3	2207	
	Blackshale	COAL SS in.	4	7	22/1	10 7
	- TREMANDE	Soft clunch w. coal streaks		9	212	
the contract of the contract of		Stone clusich	, 2	4	2214	1
		Strong stone hind w. rock	(= = =		5568	-0-
		bands a ironst.	43	3	1272	3
<u> </u>		Clunchy bind	. 4		12.5	
	• • •					
and a second of the				1		
				1	1 4	- -
						- As
		William -	39.			
	*****	15.1		1		
			1			1
and the second section 1.	61			61.		
.: '* '						
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	Side	transferred from NCB		1	-	
	EMD	is Not then plans				1-1
	1	DERRY 26 NU.	1		1	1 15
		3 shope (2) (6) (6)	-		- - -	
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	and the second	V 80				
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		and produced the second second second second second second second second second second second second second se			1	
4	·	وأنفروه مقدون والرابي السارو للشاكات والرابيون				
		فقداد المقومين والمردوق والمراهمهم والمراد المدانية ليها والموادية				
1 14 14	(11900B) Wt 10250/0	175 2,500 9/22 H, J, R & L, Ld Gp 616			; ∦	



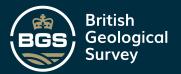
- Cind		1-0-1- 5-1-1-1-	
DESCRIPTION OF STRATA.	THY OKNESS.	DEPTH BRIOW TOPHARD. Yds.Ft.Ins.	SURFACE
	Yds.Ft.Ins.	1024104TTT	356 0 8
TOPHARD COAL.	7 1 4	, 41	356 1 0 356 1 91
Strong Clunch.	1 8 8 8	2 0 9	358 1 5
Strong stone.	1 0 7	3 1 44	359 B 01
General etone Minds		509	361 1 5
Strong grey bind with iron.balls Blue bind.	F 6100	5 2 3 4 5 5 8 4 5	361 2 116 362 0 03
Ironstone band. Blue bind with ironstone balls.	2 1 0	6 1 5	368 8 1
Trongtone hend-	1	6 1 64	362 2 2 1 364 1 3 4
Blue bind with ironstone balls.	1 8 1	8 0 8	364 1 48
Ironstone band. Blue bind with ironstone balls.	3	8 0 11 1 8 1 0 1	364 1 75 364 1 64
Cannel	2	8 1 2	364 1 10
Black bind. Clunch.	1 0 1	9 1 34	365 1 12± 367 8 8±
/Stone bind.	2 0 9	13 0 0	369 0 8
Blue bind.	2 0 10	15 0 10\$	371 1 66 371 1 101
Cank.	2 9 0	16 0 11	372 1 7
Stone bind. Blue bind.	1 1 7	17 8 64 17 8 104	374 0 84 374 0 64
COALe Stone olunche	2 0 5	80 0 4	376 1 0
Stone bind.	1 2 112	26 0 8 1	378 0 114 382 1 44
Strong bind with rook bands. Blue bind.	4 0 5	26 1 3	382 1 114
COAL (DUNSILL).	1 1 2 1	26 2 6	383 Q # 383 G 4
Bate Soft clunche	104	28 0 0	384 0 8
Hard stone clunch with iron.ball	2 10 10 10 10 10 10 10 10 10 10 10 10 10	28 2 11 30 0 91	385 0 7 386 1 5±
Stone bind.	10	30 1 10	386 2 3
Stone bind.	1 2 8	38 1 31 33 0 01	388 1 114 389 0 8
Black bind.	4	33 0 5	389 1 1
Clanch	1 1 2 7½	33 1 6 34 1 1±	389 8 8 390 1 91
Black bind with coal streaks. Chunch.	· 2 9 -	35 0 10€	391 1 6
Strong bind.	3 1 10½ 10	38 2 9 39 0 7	395 0 5 395 1 3
Rock. Black bind.	81	39 1 31	395 1 11
Rock	2 0 2	41 1 5g	397 £ 1
Strong grey bind.	8 4	43 2 0 1	399 2 8 1
Stone bind.	1 1 74	45 0 8 46 1 0	401 1 4 408 1 8
COn1 (let WATERLOO). Clunch.	14	46 2 4	403 0 0
Strong bind with rock band.	3 1 0	47 2 55 51 0 55	404 0 1 407 1 1
Stone bind. Blue bind with ironatone balls.	2 0 11	53 1 44	409 2 0
COAL	1 6	53 8 0g	409 E 8
Clunch. Stone bind with ironstone balls.	_	60 1 9	416 8 6
Strong grey bind.	Teii	62 2 10	419 0 6



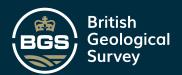
	Yas	L	t.Ins.	Yas	Pt.	In.	()	Pt.	, Io
				65	1	84	W.	2	- A
Grey canky rook.	8 4	1	10 6	70	ō	81	426		10
Curb. Dark blue b. 4d.	4	0	9 1	74	0	11春	430	1	7
COAL		_	4 84	74	1	31 61	450	1 2	11
Dirt.			2	74	1	9	430	2	. 5
Dirt. COAL (And WATERLOO)	61	1	81	74	0_	1 91	450	1	5
Black bind.	2	ī	6₹ 3±	75 76	2	31	431	3	11
COAL		_	1.	76	0	8	458	3	4
Strong bind with ironstone balls.	2	0	-4	76 78	_ <u>2</u> .	_ 0 1	432		10
COAT		•	3	78 82	2	5 7	435	-0- 0	_ <u>1</u>
Stone bind with rook bands. Strong bind with ironstone balls.	3	2	2 11 }	86	2	61	443	Ö	8
COAL			5 11 }	86		11‡ 11	443	Q_ 1	_ 7 Y
Clunch. Strong bind with ironstone balls.	2	1	8	89	2	7	446	0	3
Clunch.	1	1	5 1	90	0	9}	447	2	ď
Curb. Stone bind with ironstone balls.	1	1	1.	98	2	101	449	0	6
Stone bind with rock bands,	4	1	11	97	1	0	453	1	8
Grey rock with bind partings	5	0	0	102	1	0	458	1	8
COPA.		2	9	108	1	9	459		
Strong clunch. Hard stoney bind.	2	2	10	106	1	1	468		9
Strong bind. (Flaggy rock.	2	0 &	8	108	0	1	464	ī	5
Rook bind.		2	10 6	110	1	7	465	£	3
Clunch. Faulty bind and rock.	1	0	9	112	ī	10	468	2	8
Grey rock. Curb.	1	0	0	P 13	. —	10			_
Strong bind with ironatone balls. Blue bind.	1	0	∙ 0 5 }	117	0	10 31	475	2 0	11
Canky rock.	i	ī	4	120 124	1	7 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	476	8	3
Blue bind. Grey rook.		ī	ī	124	1	6	480	2	8
Blue bind. Water garland.	1	0	9 1	125	2		482	0	0
Blue bind.	8	0		128 128	0	11	484	0	10
Black shale. Ironstone band.		4	8	129	0	1	485	0	9
COAL. Clunch.	3	0	6	129 132	0	7	485 488	1	_ 3
COATe		-	44	138 138	0	111	488 488	1	9
Dirt. COAL.	_		1	_132_	_1	2	488	_1_	10
Clunch with ironstone balls. Grey rock.	1	8	8	133 135		10 10	489 491	1	6
Stone bind.	2 6	0 1 8	4년 9	137 148	1 2	8 1 114	493	1	10
Dark blue bind. Stone bind.	1	2	41	143	2	4	500	ŏ	
Curb. Stone bind with ironstone balls.	3	0	8	146	2	6	503	0	8
Blue bind with ironstone balls.	8	2	1	149	1	7	505 506	20	3
Black bind. COAL (ELL BRAN)		1	1 0	150		94.	506	91	. 8
Dirt. GOAL.	1.	_	1 10	153 151	ğτ.	1 20	506 507	1	10

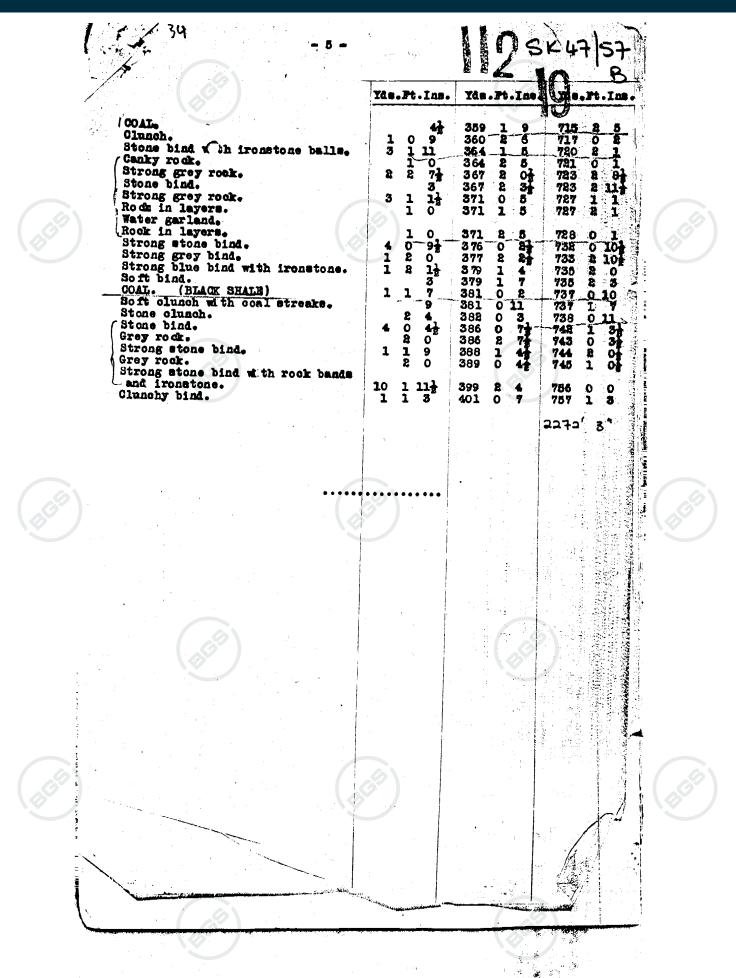


-3-		2/12/	47/578
	de.Ft.Ins.	Yds.Pt. Igs.	Yds.Ft.Ins.
	1 1 8	152 148	508 % 4
Clunch. Hard stone bind with ironstone	6 1 31	158 2 111	515 7 1 1 516 1
balls and \$" Goal parting. Grey rock.	2 5	159 2 5 160 2 6	517 2
Dark blue binde	13 0 5	163 2 11 164 1 2	520 0 7 520 1 10
Canky rock. Stone bind.	(1 3	104 2	
Curb. Dark blue bind.	11 1 9	175 2 11 176 1 5	532 2 1
Black hinds	2	176 1 7	532 2 3 533 0 0
Minge (Goal and dirt). Clunch.	6 1 7	176 2 4 183 0 11	539 1 7
Stone bind.	(6)	183 1 5	539 2 1
Curb.	2 1 0	185 2 51	548 0 11 546 8 8
Blue bind with ironatone balls. Stone bind with rock bands.	4 2 6½ 2 1 8	190 2 0 193 0 8	549 1 4
Black bind.	31	193 0 114	549 1 74 549 8 14
COAL. Clunch.	3 2 9 3 2 9	193 1 5t 197 1 2t	553 1 10
Strong stone bind. Black bind.	114	198 2 7 198 2 111	555 0 3 (1) 5
COATie	2 10	199 2 9	556 O 5
Clunche Black binde	4 2 11 2 2	204 2 8 8 1 205 1 10 1 10 1 10 1 10 1 10 1 10 1 1	561 0 45 561 8 65
Dark blue bind.			564 0 42
Water garland. Dark blue bind with ironstone balls	8 0 10 8 0 8	207 2 84	567 1 01
Soft. ditto. ditto.	1 3	211 1 7½ 211 2 3	567 2 31 567 2 11
	2 0	212 1 3	568 1 11 568 2 71
OAL. W	1 1 12	818 1 114 214 0 07	570 O_0-07
Strong clunch streaked with Coal.	1 8 0	215 2 04	571 2 8 1 578 1 2
Strong stone clunch.	6 1 52	223 O 1	579 0 9
Blue bind.	1 0 2	223 0 7 224 0 9	579 1 3 580 1 5
Coal and minge.	i 1 7,	225 2 4	582 0 0- 582 0 111
Clunche (Strong stone binde	114	azo U og	
	6 0 8		588 1 8 594 8 4
Strong stone bind with iron balls. Stone bind with rock bands.	6 0 8		601 8 51
Grey rook.	9 1 10	255 0 71	611 1 31
Grey rook.	2	255 O 9	611 1 51
Hoggy rock.	1 2 8	265 R 1	681 8 9 1
Strong stone bind. (COAL (DEEP HARD),	114		623 1 2 623 2 8
Inferior cannot and base	1 0 6	268 2 6	625 E
Strong clunch. Stone bind with rock bands.	2 1 9	871 1 3	
Curbe Stone binde	4 1 0		631 2 11
Blue bind.	8 1 0 1 10	278 8 1	634 8 9
Clunch.	2 2 5	281 1 6	630 8 6
COAL. (PIPER BRAM).	6	281 2 4	638 0 0
Dirt. W	1 7	281 2 9	638 2 0
Minge.	2 8		639 1 8
COAL	5-1		



<u> </u>			Yds.	Ft.	Ins.		Pt.Las.	0	Pt.L	
				_		005	2 6}	640	0 1	DÀ:
	noh. • bind		1	2	o l	283 285	184	641	2	ŧ₹:
	y rock.			1	6	286	8 6	648 646	0 1	
Blu	e Bind.		3	4	3 1	407				2 / 2
	e bind.		\$	1	7	292 292	1 2	648	1 1	
	ok bind.		87	1	1 9	292	2 11	649	0	7_
	e bind.			-	61	293 293	0 10	649		
_ 1	ok bind. e bind.				5 61	293	1 5	649	2	1
Co		en de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de la companya de			6	293 294	1 11 9	649 650		7 5
	ne clanch.			4	10 7	294	2 4	651	0 (Ð
(00)	L.	معهده أأمار والمعددون أبياه خاسرونيهم	1	···	<u> </u>	294 895	2 7	651 651		5 9
	ok bind.		1	1	6 0	296	1 1	652	1	•
Sto	ne bind with rock	banda.	6	1	2 11	302 305	2 3	658	2 1	
	e bind with ironet	OUG DETTE		2	2	306	0 4	668	1 (D
Bl	ok bind with coal	streaks.	1	1	6 11	306	0 10	662		\$ B
	ne clumch. le bind.		-	•	2	307	2 11	664	Ö	7
Bla	ck bind.		2	. 1	7 11 1	310 311	1 6 1 51	666		2 1†
	ick Shaley bind. Le bind.	· .		ì	- 61	318	0 8	668	0 1	ַס
(00	1.			1	81	312 312	1 10	668		6
Dia	t. 180.				9 }	313	0 0	669	0	8 .
00	I (TUPTON SEAR).		1	0	7 10	314	2 5	670		3 1
Clt	noh.		7	•	10					•
Gre	yrock. ong stone bind wit	th wast hadde.	5	R O	0	317 328	1 5 1 9	678	2	1 5
	o bindo	M TOOK DWILLDS	ž	0	4, .	324	8 1	680	2 2	4
(001	L (TUPTON 1).		1	. B	7 0	325 326	1 84 2 1	681	8	5
COL	Lie				3 1	386 327	2 9	683	0	0 5
	noh.		1 4	2	5 2	332	1 114	688	2	7 <u>†</u>
(Car	ky rock.		_	2	6,	333	1 5	689 691		1} 1
Sta	ong bind with rook	: Da.ma	1	1	111	33 5		21	_	
Sto	ne bind.	ı m.	1	0	6 2	336 340	8 11	698 696	2 .	7 91
\ Sto	rly strong blue bi		3	1	8.	344	0 3	700	0 1	1¥ '
/Sto	ne bind with rock	bands.	[1	B	3 4	345 345	2 10±	702	0	2 6
	ky rock. ne bind.		3	0	9	349	0 7∄	705	1 :	3]
Sti	ong bind.	one he ale	1 2	1	8 5 1	351 352	2 3 1 2 9	707	2 1	1 1
Con		· ·								-
Blu	e bind with ironst	tone bands.	2	2	6 10	353 356	2 3 0 1	709 712	2 1	9
\000\				Ž	3 1 31	356	0 4	712	1	01
	noh. Cerior coal.		1 /		3 1 2	356 356	0 8 0 1 0	712	_	4 6
	noh.			_	4	356	1 8	712	1 1	Ď.
00/		ram).	1	1	81	_ 3 56 _ 358	_2 10± 0 11	713	_ <u></u>	6# 7
	y olunch. Le bind.		ī	ō	8	359	1 1	715	1 9	9
	nel,				31	359	1 4	715	8 (O#







Bulsover Colliery No. 3 shart	112/19	\ .47 57
estophalian		450 12
Brought 700 W		
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Stone bind	19 11	486
Bind, dark blue we ironst. bands	2 42	488 52
" black w. COAL SPREAKS		
(COAL ZO W		494 10 3
clunch 30 ".	6 5	
(COAL	3	495 12
Clunch, dark	16 52	511 7
O-ale sking hind	15 72	527 2 2
Bind, dark blue w. ironst. band	10	Ī
^7 \		
COAL 2(M.	4 92	532 - 0
COAL 32 "	4 92	
	6 42	538 - 42
Clunch a clunchy bind		538 8
Black parting with COAL	4	
· Stone clunch w. ironst. balls	10 0	548 82
Stone clunch w	2 8/2	550 11
Stone bind	•-	
	4	551 3
Black parting w. COAL	24	553 7
clunchy bind	<u> </u>	558 3
Bind, blue	4 6	ss8 4
COAL I M.		
Clunch we come streaks a ironst balls	5 5	563 9
Bind, cluncky or word. balls	4 10	<i>568</i> 7
Band 1 see of	13 9	582 4
Stone bind a rock	(-82) 2 4	584 8
Bind, soft blue COAL 14 in. Chunch abbre bind COAL 1in	6-82 7 7	585 10
? Stone bind COAL lin	6 4	598 112
d Stone bind		,
year Bind, all block	5 4	
COAL 2 in.	2	
Rock, grey	4	604 92
Clunch w. COAL streaks	20	606 92
Stone clunch w. bind partings	8 11	615 85
	ر ک	617 10/2
Stone bind coal lin	1 1	G17 11 2
	1 7	619 62
Stone clunch	10 4	629 10 2
Stonebind w. rock bands	6 7	636 52
Bind, blue		
COAL RIM.	نىر	636 10 2
dirt 2"	<i>S</i> *	
	1 8	638 62
Clunch	15 8	654 2
Rock a stone bind	10	- F



1	12.7	104	Ja
Bolsover Colliery, No. 3 Shaft		K47 5	18. 2
wedphalian B. Brought forward			2 E
Bind, blue ironst bands	3 3'É		6 5
", black	7 3	•	હ
HIGH HAZEL COAL 31 in.	2 7 6 Z	683 687	<u>3_</u> سی
Clunch			62
Bind, clunchy	8 12		りと
Stone bind a rock mixed	46 1/E	750	1
Pack very strong white	6 3	756	4
inonst layers	31 4	787	8
Bind, blue w. ironst. 4 von	2/2	787	10 2
bla CM	1 00	788	10%
COAL 12 in.	4 7	793	52
Clunch a chunchy bind	7	794	の芝
Rock	10 11	804	儿艺
stone bind ,	1 2	806	12
COAL 14 in.	· · · · · · · · · · · · · · · · · · ·	809	2/2
Clunch	3 1 7 42	816	7
Stone bind			62
Rock, white	12 7	836	りと
Stone bind	. 10. 1	837	اه خو
ST. JOHN'S SEAM COAL RI in.		840	<u>ر ال</u>
Stone clunch	2 8	867	ı
Stone bind	2662		8,
Rock, grey	32 7	899	ο,
(COAL 02 Minge 42	5	900	
	15	901	6
Bind, blue	7 10	909	4
Rock-, grey Stone bind	6 9	916	İ
Rock, grey	7 2	923	3
Bind, dark blue we ironst bands	24 6	947	
n, grey	18	966	9534
, blue soft	3 01/2	•	54
n, black soft		973	113
", harder	4 6	, (5	11.4
	(6)		



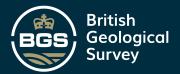
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Bulsover colliery, No. 3 shatt.	SK47(57
weetphalian B. Brought form	ard 973 113
Bind, clunchy	4 5 978 44
COAL IS in.	
Stone clunch	100
chne	24
Stone bind a sivenst b. Bind, dark blue w wonst bands	6 6 1023 2 1
", dark w. ironst. bands ", blue w. ironst. balls	14 1 1007 34
	2 1037 51
Clunch + stone clunch	4 6 1041 114
	11 1042 .104
- Cank Stone bind streaks	14
E COAL 317	31 62 1090 22
Stone bind w. rock bands	6 1090 82
Bind, soft	the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s
(COAL SS IN.	1096 10
TOP HARD Branch 4	/3
Tob Hard	seam with throw of 30-42
Fault intersects shatt at Top Hard	id seam 1066 52
Continued from base of	1 1067 62
Shavin 4 soft clunch	4 15 1071 88
Stone clunch	9 0 1080 84
Bind, clunchy ", blue w. ironst. balls	
CANNEL lin.	1089 81
	2 1089 104
Bind, black Clunch	3 6 1093 4 12 1
Stone bind	3 10 1097 2 %
Bind, blue	4 1 1101 3 2
Stone bind	6 10 1108 17
Bind, blue w. ironst.	5 4 1113 5%
n, black	1 11/3 6
COAL 2 in.	2 1113 8\$
Stone clunch	10 11 1124 78
Stone bind	29 3 1153 10\$
(,6)	



Bolsover Collicry, No. 3 Shaft. Westphalian, B. Brought forward Dunsil (sis) COAL o'z in. Bat Clunch Stone bind Bind, dark COAL 4 in. Bind, black v. coal streets Clunch, strong Stone bind a quy rock Brought forward 1153 103 187 12 187 12 187 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 187 103 18			17	9.700 C
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westphalian A Clunch		55	1596	92
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Bind, blue	7	4	1612	9
Stone bind, cank 4 rock	4	5	1617	2
Bind, blue we ironst.	9	0	1626	2
", strong w. rock bands	7	6	1633	8
Cank	3	5	1637	1
Bind, dark blue	8	2	1645	3
COAL In.	,	,	1645	_4
Clunch, strong	2	5	1647	9
Stone bind	13	ok	1660	98
Bind, black	6	4	1667	18
COAL 4 in.		4	1667	55
	_			_ ''
Clunch , dark Bind, black	3	\$	1670 1673	2 X
	<u>ک</u> ا	3		/ \
Bind, strong black w. ironst.	١		1674 1675	4 2
Branch, very strong	9	4		8 12
Bind, dark blue " " soft, w. shells	٦.	3	1684	8 × 11 × 12
faulty w ironst.		_		
4 silicate (sic.) streaks	14	92	1699	82
(044) 151-		. •		
dirt st				
DEEP SOFT dive 8 3 "				
COAL CIZ	78 (9	1708	52
OVER OVER				- 17 ,11



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Bolsover Colliery, No. 3 Shaft.			1708 52
Rionality 10.	4	8	1713 . 1差
westphalian Clunch, strong	3	2/2	1716 4
A. Bind, clunchy	16	2	1732 6
" strong	ک	0	1734 6
", , soft dark		5	1734 11
COAL 5 in	•		
Clunch w. coal streaks	J	9	1736 8
Clunch	6	1	1742 9
Stone bind, clunchy	G	95	1749 62
	12	10 E 10	1778 3
	ري 2	4	1780 7
a L and faulty w, conc	4	σ	1784 7
", beddy w. bind builds	41	0	1825 7
", strong grey	Τ,	3	1826 0
COAL Sin.	3	2	1829 2
Stone clunch		10	1834 0
Rock, Haggy	4		
Bind, dark stony w ironst.	6	سی ا	1444
Stone bind	5 .	. 7	.07 -
Rock, grey	6	~ E	
Stone bind	10	飞	
Bind, soft		9	1 year
(COAL 26 in.			
DEED HARD COAL 32 "			
dirt 0½"	4	2	1867 82
(COML 19 % "	- T - I	6	1869 2/2
Jacks	ئى		1874 5
Stone clunch	٠	2/2	1874 10
Clunch, soft w. ironst.	20	3 7	1895 5
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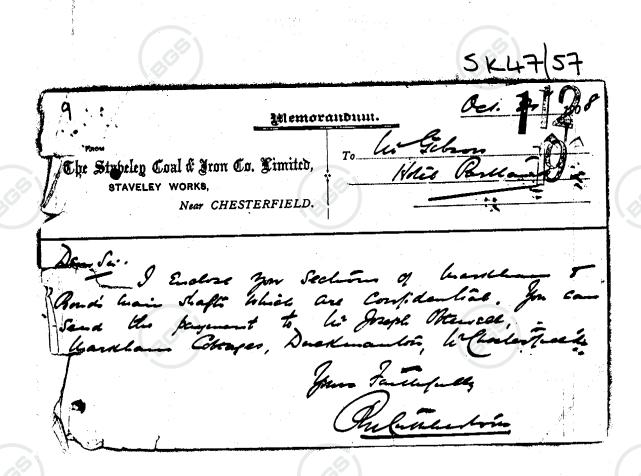
· Bols	sover alliery, No. 3 shatt.		rter	1 26 N	7
, e ₂		THENE	U	A L. Depth	-2
GEOLOGICAL	DESCRIPTION	J. Fr.	m.	SK-H-TT-	> :
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toralian	Clunch	- 2	3	1975	
A.	Bind, blue	_	3	1926	
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1	coal 3 in.		_3_	1952	
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1	Clunch	4	<u> 0</u>	1957	
	Frome bind w. rock bands	19	2	1976	
ŀ	Bind, blue we ironst balls	7	11	1984	
	" black		2	1986	
	1 11 W. COAL Streaks		6	1987	
	Stone clunch	4	11	1992	- (
1	Rind, blue		2	1992	
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	y shalz	3	42	2001	6
	- blue		11	2003	2
	COAL 20% in.				
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Tupton (L	(MAIN SEAM 39 & "	6	8	2010	1
İ	Clunch	4	22	2014	3
		5	1_	2019	4
,	Stone bind, grey w. rock bands	20	52	2039	
	Stone bind, grey w. rock bands Bind, blue		7	2041	<u>ی</u> ا
	11 ab		٦	2041	
رين ب ا		2	8	2044]]
(Op)		3.	4	2047	_
	Clunch, dark		4-2	2047	
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1	Rock a Haggy rock	13	111	2065 2019 2093	
1	Stone bind	13	4	2093	
-	Bind, blue	4	1	7097	
	black	2.2	4	2119	
	Stone hind w. rock bands at top	6		2125	\Box
1	Bind, blue w. ironst. bands	<u>ی</u>		2.131	
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	" black			1 2129	十
1	COAL 3½ In.		_		
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1	Clunch 4 "		9%	3111	7
	(COAL 20½ "		6/2		
	Clunch	3	<u> 672</u>		
·	Bind, blue	3		3147	┦
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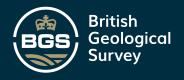


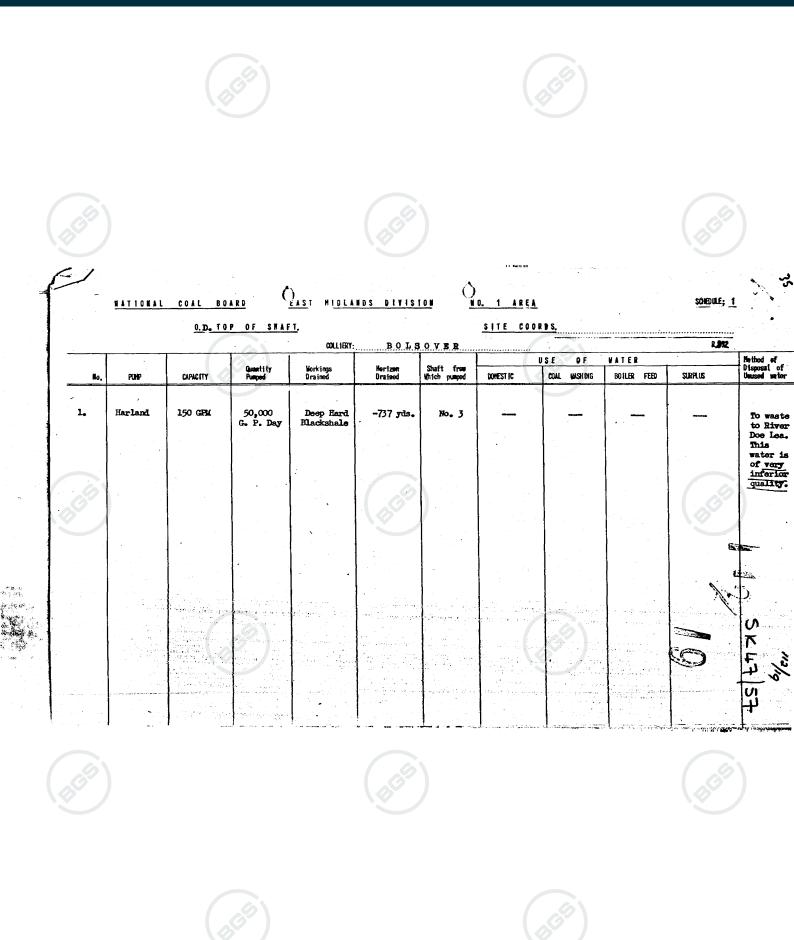
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Rock bind, flaggy Bind, soft dark blue CANNEL IS in Bind, dark blue Bind, blue w. ironstone Shaft borrow at -2095:45 th. 0.).	Clunch		
Bind, soft dark blue CANNEL IS in Bind, dark blue Bind, dark blue Bind, blue w. ironstone Shaft bottom at -2095:45 th. 0.).	Roch blad, Haggy		
Bind, dark blue Bind, blue w. ironstone Shatr borron at -2095:45 th. 0.).	Bind, soft dark due	1 3	2316 9
Bind, blue w. ironsrone Shatr borron at -2095:45 th. 0.).	Bind dayle blue	2 1	
P.P. Shaft borrow at -2095:45 th. 0.).	Bind, blue w. ironstone	3 0	2321 10
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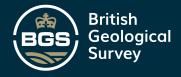
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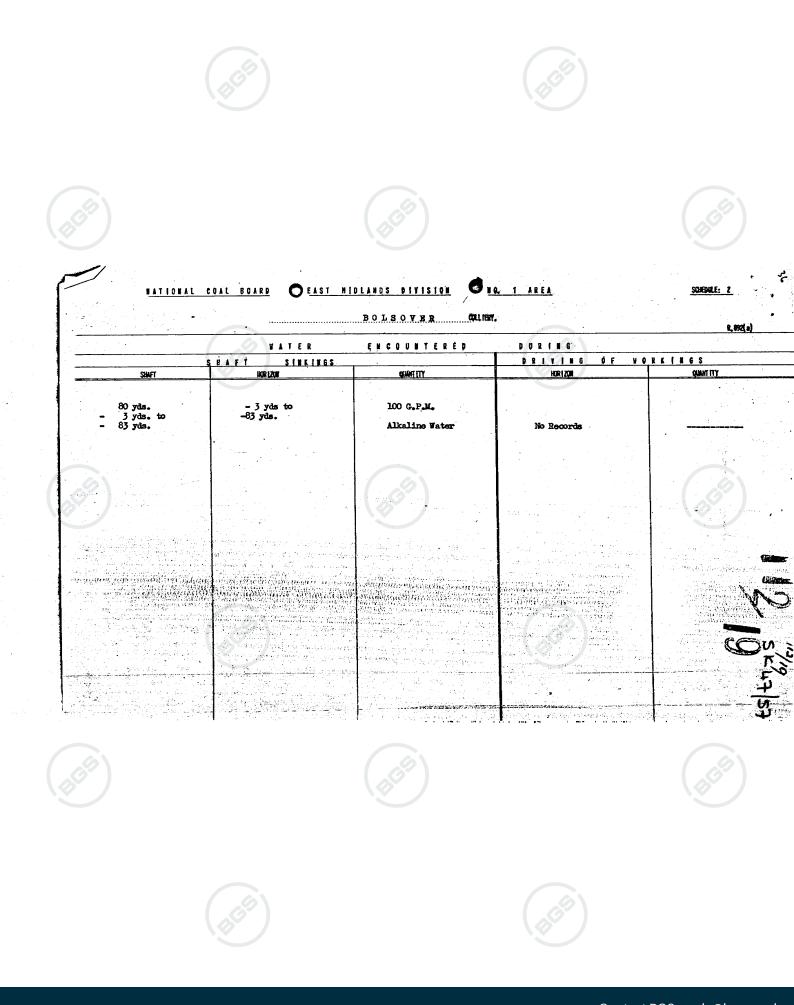


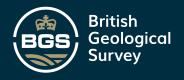


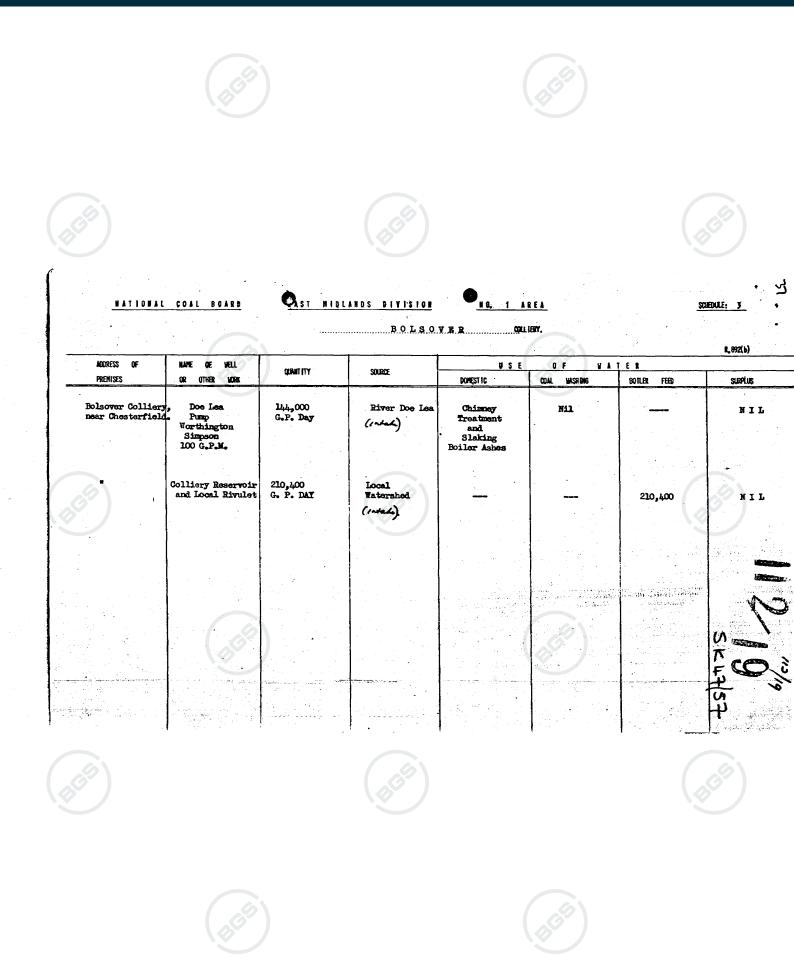














NATIONAL COAL BOARD

EAST MIDLANDS DIVISION

HO: 1 AREA

SCHEDULE: 4

BOLSOVER COLUERY.

CONNENTS ON WATER PROBLEMS IN WORKINGS.

R_892 (c)

At Bolsover Colliery the very good Top Hard Seam was worked first and during this working water was found to be coming to these workings through the Barriers from Oxmroft as this was later found to be flowing to Langwith via the Jacks in this floor below the Bolsover-Langwith Barrier. The water was later pumped by the Bolsover owners, on payment from the Sheepbridge Co., owners of Langwith Colliery. As water continued to run to Langwith the pumping payment was abruptly stopped and very naturally Bolsover Co., ceased to operate the pumps. The water accumulated but upon abandonment of all workings in the Top Hard Seam, no material build up of water was experienced and it is assumed that the steady rise of Langwith Water accumulation is due largely to the steady flow of water from Oxcroft to Bolsover and from Bolsover to Langwith. The seam worked at Bolsover for the past 12 years is the Deep Hard Seam and when the workings reached the vicinity of the No. 2 Oxcroft it was realized that a very large Barrier Pillar would have to be left around this shaft, sunk to thei seam in 1908. The Lower portion of Oxcroft No. 2 shaft was unlined and supported only with Rings and Polling Boards but only sufficient coal was taken to obtain samples and test the seam for industrial use. With this adequate protecting Pillar little fear need be fall of any transference of water from Oxcroft in this seam. The policy of reducing the head of water by pumping with Submersible pump from Oxcroft No. 2 is further justified regarding the Lower Seams.