



10  
SECTION OF  
MINERAL 72

Clapwell Colliery No. 2 shaft. (Ventilation shaft)  
No. Bhestefield  
SK4653 6660 (mem. p. 329)

Communicated by W. H. F. (D.D. 276 (C.C. & M.))

Date of boring or sinking 1882

One-inch Map 112 Six-inch Map (County and Half Quarter Sheet) Derby 31 NW.

Vert. Sect. of sheet 92 No. 3.  
Concealed Coalfield of N. 2nd Ed. pp. 178-185.

			Thickness.			Depth from Surface.		
			yards Fathoms.	feet.	ins.	yards Fathoms.	feet.	ins.
MADE GROUND	Pit top raised	6 - 7	2	"	4	2	"	4
SOFT	clay	9 - 9	1	"	2	3	"	9
COAL	Coal	10 - 3			6	3		
Blue bind		14 - 6	1	1	3	4	2	6
Blue		14 - 11			5	4	2	
blunch		19 - 5	1	1	6	6	1	5
Rock		20 - 5			1	6	2	5
Blue bind. strong		22 - 6		2	1	4	1	6
Rock in layers.		28 - 9	2	"	3	9	1	9
Stone bind		30 - 4		1	10	10	"	4
Coal		30 - 11			4	10	"	11
blunch		34 - 7	1	"	8	11	1	7
Stone bind		38 - 6	1	"	11	12	2	6
Ironstone measure		38 - 8			2	12	2	8
Blue bind		40 - 1	1	"	5	13	1	1
Ironstone measure		40 - 3			2	13	1	3
Stone bind. strong		41 - 3	1	"	"	13	2	3
Blue bind		42 - 3	1	"	"	14	"	3
Ironstone measure		43 - 4			1	14	"	4
Blue bind		43 - 8			4	14	"	8
Black shale		44 - 10	2	"	2	14	2	10
Dark bind		49 - 4	1	1	9	16	1	4
Ironstone measure		49 - 10			3	16	1	10
Dark Bind		50 - 11	1	1	1	16	2	11
Ironstone measure		51 - 1			2	14	"	1
Blue bind		52 - 1	1	"	"	14	1	1
Ironstone measure		53 - 3			2	14	1	3
Blue bind		53 - 4	1	1	1	14	2	4
carried forward		53 - 4				14	2	4

SECTION OF

SK46NE<sup>7B</sup> 68112

WESTPHALIAN B

Brought forward.

Ironstone measure

Blue bind

Ironstone measure

Blue bind

Ironstone measure

Blue bind

Ironstone measure.

Blue bind

Ironstone measure

Blue bind

Ironstone measure.

Blue bind

" " strong.

tender, with balls of Ironstone

Rock

Blad. dark coloured.

Blad.

blunchy bind. with ironstone

Blad.

Blunch

Rock.

Stone bind.

Rock

Stone bind

Rock.

Stone bind

Rock

Stone bind

Rock

Blue bind in thin beds.

Blackshale

Blad.

Brought forward

Bind

See

Bind

Thickness.

Depth from Surface.

Yards. Fathoms.	feet.	ins.	Yards. Fathoms.	feet.	ins.
			14		
		3	14	2	
	1	1	18		
		2	18		10
	1	4	18	2	5
		2	18	2	4
		10	19	0	5
		4	19		9
		4	19	1	1
		2	19	1	3
	1	10	20		1
		2	20		3
	1	10	21		1
	1	1	22	2	1
	5	1	28		1
		10	28		11
	1	2	30		
		1	30		1
	4	10	34		11
	1		34	1	11
	2	1	35	1	
		10	35	1	12
	1	2	36		
	1	10	36	1	10
		5	36	2	3
	1	10	37	1	1
		3	37	1	4
		6	37	1	10
		5	37	2	3
	2	9	38	2	
	5	8	43	2	8
		11	44		4
	4		44	1	2
			44	1	2

30  
B

SECTION-OF

SK46NE/612

Surface

WESTPHALIAN B

Brought forward 133-2

blunch

Bat.

Stone blunch

Rock without partings.

in layers.

without partings.

Strong Stone bind.

Rock.

Blue bind

Black shale.

Rock.

light coloured blunch.

Blue

Light coloured blunch.

Blue bind

Black shale. strong.

Blue bind.

Black shale or Branch strong.

CLOWN coal.

Black bat.

Strong blunch.

Stone bind.

Very strong rock.

Stone bind

Strong blue bind

tender blue bind.

Strong black bind (almost black shale).

Strong blue bind.

bloa.

coal.

Soft dirt parting.

brought forward.

yards Fathoms.	feet.	ins.	Fathoms.	feet.	ins.
			44	1	6
			45	1	8
			46	2	4
			47		4
			49		2
			49	2	8
			51	1	4
			52		8
			55	1	6
			55	2	6
			55	2	9
			56	2	1
			56	2	10
			59	2	2
			63	1	6
			64	2	6
			64		1
			64	1	1
			68	1	1
			68	1	3
			69		9
			71	1	11
			72	1	14
			73	1	
			74	2	1
			75	1	9
			77	2	2
			79		6
			79		9
			79	1	3
			79	1	14
			79		14

SECTION OF

SK46NE/

WESTPHALIAN B

Brought forward 2384

Dark blunch. 241-2

Light blunch. 242-9

Black bind. (almost blackshale) 244-0

coal 244-9

Light clunch. 245-10

Strong clunch. 253-6

Soft clunch. 254-14

coal 255-0

Soft dirt holing. 255-2

Strong stone bind. (almost Rock. no partings) 264-0

Bat and coal. 264-1

coal or blunch. 264-2

Bat and coal. 265-0

Soft dirt 265-1

Bat and coal. 265-9

Soft dirt 265-10

Bat. 266-1

Soft dirt 266-3

coal MAINBRIGHT 267-1

Soft clunch. 268-1

blunchy bind. 275-1

coal. 275-2

Light blunch. 276-3

White rock. no. beds. 277-2

Grey rock and stone bind mixed. 284-10

Tender blue bind. 285-1

coal and bat. 286-0

Grey rock and stone bind mixed. 292-6

bank. 295-2

Grey rock and stone bind mixed. 300-5

Strong stone bind. 306-4

black bind. 332-6

brought forward 332-6

Thickness.			Depth of Surface.		
Yards.	feet.	ins.	Yards.	feet.	ins.
Fathoms.			Fathoms.		
			49		
	2	10	80		
	1	4	80	2	
	1	3	81	1	
		9	81	1	9
	1	1	81	2	10
	2	1	84	1	6
		10	84	2	14
		8	85		
		2	86		2
	2	2	88		
		1	88		1
		1	88		2
	10		88	1	
	1		88	1	1
	8		88	1	9
	1		88	1	10
	3		88	2	1
	2		88	2	3
	10		89		1
	1		89	1	1
	2	1	91	2	1
		1	91	2	2
	1	1	92		3
	2	11	93		2
	1	2	94	2	10
		6	95		4
		8	95	1	
	2	6	94	1	6
		2	98	1	2
	1	2	100		5
	1	2	102		4
	8	2	110	2	6
			110	2	6

SECTION OF

SK46NE/62

			Thickness.			Depth from Surface.		
			Yards. Fathoms.	feet.	ins.	Yards. Fathoms.	feet.	
WESTPHALIAN B								
	Brought forward	332.6				110		
boar	TWO-FOOT	334.1		4		111	1	
White blunch		335.4		3		111	2	4
Black bat	LC	335.10		6		111	2	10
Light blunch		336.0		2		112		
Black bat		336.2		2		112		2
Strong stone bind and rock mixed		338.1		1	11	112	2	1
Rock.		340.6		2	5	113	1	6
Stone bind	LCB	343.4		1	1	114	1	4
Rock.		345.5		1	10	115		5
Stone bind		346.9		1	4	115	1	9
Strong blue bind	Bnd	356.4		3	4	118	2	4
Black bind		356.10			6	118	2	10
boar and bat. (very inferior).		358.4		1	6	119	1	4
blunch.	LC	366.6		2	2	122		6
Grey rock and sank		372.11		2	5	124		11
Strong blunch	LC	374.2		1	3	124	2	2
Grey sank		377.3		2	1	124		2
White rock.		384.5		1	3	128		5
Blue bind	Bnd	384.6		1	1	129		6
Dark bind.		384.8			2	129		8
boar		388.0			4	129	1	
blunch	LC	392.0		1	1	130	2	
Strong stone bind (with sank. balls)		428.3		12	3	142	2	3
White rock	LC	438.6		3	3	146		6
Stone bind.		439.4		1	1	146	1	4
Dark blue bind.		440.0			5	146	2	
boar		441.11		1	11	144		11
soft dirt	LC	442.3			4	144	1	3
Stone blunch		445.5		2	11	148	1	2
White rock.		446.4		1	5	148	2	4
Strong blue bind (with ironstone beds).		444.6			11	149		6
Dark blue bind with cockle shells		444.11			5	149		11
Brought forward		444.11				149		11

SECTION OF

SK46NE/6B

30B

WESTPHALIAN B

Brought forward 447-11

Black bind

Bind

450-1

Dark stone bind.

452-4

Dark grey rock in layers.

456-1

Black bat.

456-6

Coal

456-11

Light clunch

Bind

459-4

Strong blue bind with ironstone beds.

463-6

Grey rock. (Dark).

465-3

Coal.

465-4

Strong grey clunch.

St. B

467-1

Stone bind. (very strong).

472-5

Blue bind.

474-1

(rather kinder).

482-5

Black bind.

Bind

485-5

Blue bind strong.

485-5

Dark bind

486-9

Stone bind. strong.

488-9

White rock, no partings.

Stt

491-5

Brown calc.

495-5

White rock, no partings.

513-4

Stone bind

516-2

Strong blue bind

524-6

Ironstone measure

524-10

Strong blue bind

526-5

Ironstone measure

526-7

Strong blue bind.

Bind

527-5

Dark bind

532-4

Black bind

533-9

Black rock.

534-0

Black bind

535-6

Black rock.

535-9

Black bind

536-4

learned forward

Thickness.			Depth from surface		
yards.	feet.	ins.	yards.	feet.	ins.
Fathoms.			Fathoms.		
			149		
	2	2	150		
	2	3	150	2	4
	1	9	152		1
		5	152		6
		5	152		11
	2	5	153		4
	1	1	154		6
	1	9	155		3
		1	155		4
	1	9	155	2	1
	1	2	157		3
	2	10	159	2	1
	1	2	161		2
		3	161		5
	1	1	161	2	6
	1	3	162		9
	2		162	2	9
	1	2	164	2	4
	1	1	165		5
	5	2	141		4
	2	10	142		2
	2	2	144	2	6
		4	144	2	10
	1	7	145		5
	2		145		7
		10	145	2	5
	1	1	147		4
	1	5	147	2	9
		3	148		
	1	6	148		6
		3	148		9
	7		148	2	4
			148	2	4



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SECTION OF

SK46NE6/B

WESTPHALIAN B

Grey bind

Black rock

Black shale

coal

clunch

coal

clunch

Bat

clunch

Bat

clunch

Bat

clunch

Bat

Stone clunch

White rock without beds or joints

Grey rock

Stone bind

Dark bind

coal

Dark clunch

Stone bind

Blue bind. very strong

Ironstone measure

Blue bind. very strong

Ironstone measure

Blue bind. very strong

Ironstone measure

Blue bind. strong

Ironstone measure

Blue bind

Ironstone measure

Brought forward 556-4

558-2

559-4

558-5

560-3

560-4

560-6

560-8

560-10

561-1

561-4

561-4

561-9

560-6

562-8

564-4

569-11

560-4

555-6

555-10

555-11

556-2

560-4

562-1

562-3

564-10

565-0

566-8

566-10

564-1

564-5

564-10

565-1

565-1

carried forward

Thickness

Depth from Surface

yards

feet

ins.

yards

feet

ins.

30B

SECTION OF

SK46NE6/B  
30B

WELTPHALIAN B

Brought forward 545-7  
Black bind Bnd 546-5  
Stone blunch 546-11  
Grey bank 548-2  
Grey rock 580-1  
Stone bind very strong 581-5  
Grey rock in layers 583-5  
Stone bind very strong 592-1  
Blue bind Bnd 597-2  
Ironstone measure 597-4  
Blue bind 601-3  
Dark clunch 601-7  
1st ST. JOHNS (TOP COAL) 603-0  
Dark clunch 605-3  
Light blunch 604-2  
Stone bind 610-4  
Grey rock in layers 611-6  
Stone bind 613-0  
Strong blue bind 616-2  
Dark bind 618-6  
Coal 1st ST. JOHNS (BOTTOM COAL) 618-11  
Bal 619-0  
Dark clunch 619-4  
White rock. no partings. 622-8  
Grey rock in layers 626-4  
Stone bind strong 632-5  
Blue bind 634-11  
Ironstone measures Bnd 635-1  
Blue bind 636-3  
Ironstone measure 636-5  
Blue bind 638-5  
Coal 2nd ST. JOHNS 639-2  
Black bal 639-3  
brought forward 639-3

Thickness.		Depth.	
feet.	ins.	feet.	ins.
1	1	192	2
	9	192	11
1	3	192	2 2
1	11	193	1 1
1	1	193	2 2
2	3	194	1 5
2	2 8	194	1 1
1	2 1	199	2
	2	199	4
1	11	200	1 3
	4	200	1 7
1	5	201	
2	3	201	2 3
1	11	202	1 2
1	7	203	1 9
	9	203	2 6
1	6	204	1
1	2	205	1 2
2	4	206	6
	5	206	11
1		206	1
	4	206	1 4
1	4	207	1 8
1	8	208	2 4
2	1	210	2 5
2	6	211	1 11
	2	211	2 1
1	2	212	3
	2	212	5
2		212	2 5
	9	213	2
1		213	3
		213	3



		Thickness			Depth from surface		
		yards	feet	inches	yards	feet	inches
WESTPHALIAN B							
	Brought forward	639-3			213	3	
Stone clunch	He	643-2	1	11	214	2	
Dark blue bind		643-9		4	214	9	
Stone bind		648-10	1	2	216	10	
White rock		654-1	1	2	218	1	
Stone bind		657-4	1	6	219	7	
Black bat		657-8		1	219	8	
Dark blunch	u-B	658-0		4	219		
White rock in layers.		662-4	1	4	220	4	
Brown cank.		663-10		6	221	10	
White rock in layers.		667-11	1	1	222	11	
Brown cank		668-2		3	222	2	
Stone bind. very strong.		670-5	2	3	223	5	
Blue bind		672-1		8	224	1	
Ironstone measure.		672-3		2	224	3	
Blue bind		674-5	2	2	224	5	
Dark bind	Bind	675-4		11	225	4	
Ironstone measure		675-6		2	225	6	
Dark bind		680-0	1	6	226	2	
Ironstone measure		680-2		2	226	2	
Black bind		680-4		8	226	4	
Black bat		681-5		10	227	5	
Strong clunch		683-11	2	6	227	11	
White rock no partings.		689-8	1	2	229	8	
Grey cank.	He	691-5		9	230	5	
White rock.		692-2		9	230	2	
lockle shell bed.		692-14		2	230	14	
Strong blue bind	Bind	693-3		11	231	3	
Strong stone bind		694-8	1	8	231	8	
White rock.		695-1		5	231	1	
Strong stone bind	u-B	694-10	2	9	232	10	
	Brought forward	697-10			232	10	

SK46NE/112

	Thickness			Depth from top		
	yards	ft.	ins	yards	ft.	ins
WESTPHALIAN B						
Brought forward	694	10		232	1	10
Grey rock, very strong	413	4	2 8	233	1	
Blue stone bind.	432	4	11 10	244	2	
Blue bind.	442	5	2 2 1	244	1	5
Blackshale	444	1	1 8	248		1
Black Ironstone measure	444	3	2	248		3
Blackshale with thin streaks of coal	446	1	2 1	248	2	4
Blown Ironstone measure	446	10	6	248	2	10
Blunch with balls of Ironstone	448	1	1 3	249	1	1
Strong stone bind	452	3	1 1 2	250	2	3
Blue bind	458	3	2	252	2	3
Ironstone measure	458	5	2	252	2	5
Blue bind	460	2	1 9	252	1	2
Ironstone measure	460	4	2	253	1	4
Blue bind.	461	11	1 4	253	2	11
Blackshale	462	9	10	254		9
Ironstone measure	463	0	3	254	1	
Stone bind	464	4	1 1 4	255	2	4
Blue bind	475	4	2 2	258	1	4
Black bind	475	8	4	258	1	8
Ironstone measure	476	0	4	258	2	
Blue bind	477	6	1 6	259		6
Ironstone measure	477	8	2	259		8
Blue bind.	479	6	1 10	259	2	6
Ironstone measure	479	8	2	259	2	8
Blue bind	480	11	1 3	260		11
Ironstone measure	481	1	2	260	1	1
Blue bind	485	1	1	261	2	1
Blackshale	485	6	5	261	2	6
Shell bed	485	4	1	261	2	4
Dark bind	485	10	3	261	2	10
Barned forward	485	10		261	2	10

SK46NE/ 6B2

		Thickness.			Depth from Surface		
		Yards.	ft.	ins	Yards.	feet	ins
WESTPHALIAN B							
Brought forward	785-10				261	2	10
Black bat	786-1			3.	262	"	1
Blunch.	786-5			4	262	"	5
Ironstone or cank.	787-0			4	262	1	"
Strong stone bind with cank balls	788-10	2	2	10	265	"	10
Blue bind	789-3	1	"	5	266	1	3
Ironstone measure	789-6			3.	266	1	6
Blackshale	789-9			5.	266	1	11
Coal	790-2			3.	266	2	2
Black bat	790-6			4	266	2	6
Grey clunch	800-0	2	"	4	268	2	10
Stone bind	801-0		1	10	269	1	8
White rock in one bed	809-5			9.	269	2	5
Very strong stone bind	819-11	3	1	6.	273	"	11
White rock in layers.	821-11	1	1	11	274	2	10
Brown cank very hard.	822-1		2	3	275	2	1
Grey rock in layers.	834-0	3	1	"	279	"	1
Brown cank	837-4			3.	279	"	4
White rock in thin layers	848-4	3	2	"	282	2	4
Strong stone bind.	851-6	1	"	2	283	2	6
White rock in layers.	852-10		1	4	284	"	10
Strong stone bind	852-6			8	284	1	6
White rock.	853-10			4	284	1	10
Top Hard Coal.	854-0	2	"	"	286	1	10
Soft dirt (holing)	859-11			1	286	1	11
Soft clunch.	860-9			10.	286	2	9
Strong blunch	863-5		2	8	287	2	5
Rock. in layers.	869-6	2	"	1	289	2	6
Rock in one bed	872-2		2	8	290	2	2
Rock in layers.	873-10			8	290	2	10
Strong stone bind.	879-5	2	"	4	293	"	5
Brought forward	879-5				293	"	5

SK46NE/62

		Thickness			Depth from surface		
		Yards	ft.	ins	Yards	ft.	ins
WESTPHALIAN B	Brought forward				293		
Grey rock. very hard. (almost can't)	879-5				293		
Strong blue bind (with Ironstone balls)	880-6	4	1	3.	294	2	9
Branch	893-11			2.	294	2	11
Soft coal.	894-1			2.	298		1.
Black bat	894-6			5.	298		6.
Grey clunch	896-6		2		298	2	6.
Grey rock.	899-4		2	10	299	2	4
White rock. very hard.	908-3	2	2	11	302	2	3.
Grey rock	915-10	2	1	4	305		10.
Soft bank band	916-22			4 1/2	305	1	2 1/2
Strong stone bind.	918-8		2	5 1/2	306		8
Blue bind	920-9		2	1.	306	2	9.
Strong stone bind	924-6	1		9	308		6.
Blue bind	933-4	2	2	10	311		4.
Blue bind with Ironstone bands	938-0	1	1	8	312	2	
Black bat	938-2			2.	312	2	2.
Coal. DUNSI (TOP COAL)	939-4		1	2	313		4.
Dark soft clunch.	940-7		1	3.	313	1	4.
Strong stone bind with Ironstone bands	944-6	1		11	314	2	6.
Stone bind with rock bands.	951-11	2		10.	314		4.
Stone bind.	953-4		2		314	2	4.
Blue bind.	956-6	1		12.	318	2	6.
Coal. Dunsil. DUNSI (BOTTOM COAL)	958-8		2	2.	319	1	8.
Strong clunch with coal band	960-11		2	3.	320		11.
Stone clunch with rock bands.	963-2		2	3.	321		2.
Blue bind	964-6	1	1	4	322	1	6.
Flaggy Rock	968-2			8	322	2	2.
Grey rock.	969-9		1	4	323		9.
Blue bind with Ironstone bands.	974-10	2	2	1.	325	2	10.
Dark blue bind. strong.	986-8	2	2	10	328	2	8.
Brought forward.	986-8				328	2	8.

SK46NE/6412

WESTPHALIAN B

Brought forward 986-8  
Coal. 1<sup>st</sup> Waterloo. 4-0 1/2 { Bright Coal. 1-0  
Hard Coal. 1-0 1/2  
Bright Coal. 2-10 1/2  
Dirt. 3/4  
Coal. 991-2 1/2

Clunch 991-5

Stone clunch. 993-3 1/2

Stone bind Lt-13 994-9 1/2

Flaggy 998-1 1/2

Stone bind 1000-5

Blue bind 1005-0

Coal WATERLOO MARKER 1016-0

Dark clunch. Bind 1019-2

Dark blue bind 1029-10

Grey rock. 1034-6

Strong bind with Rock bands. 1041-0

Dark blue bind. 1054-9

Coal. 2<sup>nd</sup> Waterloo 1057-5  
Coal. 5 1/4  
Dark Clunch + Munge. 2-11 1/2  
Strong Clunch. 2-4  
Coal + Munge. 9  
Coal. 1-9

Strong stone clunch. 1069 1070-5

Stone bind with Rock bands. 1080-2

Strong blue bind. 1084-11

Grey rock Bind 1091-2

Strong blue bind. 1097-3

Dark blue bind. 1101-4

Dark blue bind. 1107-3

Coal. 1108-7

Coal and Munge. 1110-4

Stone clunch. Bind 1111-2

Blue bind 1124-4

Coal. 1128-1

Strong clunch. 1130-2

1130-2

Carried forward

Thickness			Depth from Surface		
Yards.	ft	ins	Yards	ft	ins
			328		
1	1	6 1/2	330	1	2
		2 1/2	330	1	5
	1	10 1/2	331		3 1/2
	1	6	331	1	9 1/2
1		4	332	2	1 1/2
1	1	1/2	334		2
4		10	338	1	
			338	2	
1		2	339	2	2
3	1	8	343		10
1	1	8	344	2	6
2		6	344		
5	1	9	352	1	9
			1069		
3	2	8	356	1	5
	1		356	2	5
3	1	2	360		7
2	1	4	362	1	11
1		8	363	2	7
1	2	8	365	2	3
1	1	1	367		4
1	2	11	369		3
	1	6	369	1	9
	1	4	370		4
	1		370	1	4
5	1		375	2	4
	9		376		1
2	1		376	2	2
			376	2	2

SK46NE/6N2

WESTPHALIAN B

Brought forward 1130-2

Rock 1132-0

Strong stone bind. L.B. 1134-11

Stone bind 1154-1

Bat and munge. 24<sup>th</sup> WATERLOO 1161-4

Flaggy rock and Bind partings. 1162-2

Bank. 1162-1

Stone bind. 1169-3

Bank. 1170-4

Grey rock. 1171-9

Stone bind 1174-0

Rock. 1174-2

Strong Stony bind. 1183-9

Strong stone bind. 1191-2

Dark blue bind with Ironstone Bind. 1205-0

Dark shale. Bind 1207-5

Coal. 1208-1

Coal and munge. 1209-1

Grey clunch. 1211-5<sup>1/2</sup>

Coal. 1211-10

Black bat. 1212-0

Stone clunch 1219-5

Strong Stone bind. 1215-5

Dark blue bind. L.B. 1219-4

Stone bind with rock bands. 1229-8

Strong blue bind. 1235-6

Dark blue bind with Canth bands. 12413-2

Dark blue bind with Ironstone bands. 1246-0

Strong blue bind 1253-7

Strong Stone bind 1255-6

Grey rock 1256-9

Carried forward 1256-9

Thickness.			Depth from Surface.		
Yards	ft.	ins	Yards	ft.	ins
			346	2	2
	1	10.	347	1	-
1	2	"	349	"	11
6	1	2.	385	2	1.
1	1	3.	387	"	4.
1	2	10.	389	"	2.
	1	9.	389	1.	11
		4	389	2	3.
1	1		390	"	14.
	1	5	390	1	9.
1	2	3.	392	1	"
	1	4.	392	2	4.
1	2	5.	394	1	9.
5		5.	399	2	2
1	2	10.	401	2	"
2	5.		402	1	5.
		8	402	2	1.
1	-		403	"	1.
2	4 <sup>1/2</sup>		403	2	5 <sup>1/2</sup> .
	4 <sup>1/2</sup>		403	2	10.
	2.		404	"	"
	5.		404	"	5
1	-		405	"	5.
1	1	2.	406	1	7.
3	1	1	409	2	8.
1	2	10.	411	2	6.
2	1	8	414	1	2.
	2	10	415	1	-
2	1	7	417	2	7.
1	"		418	1	6.
1	3.		418	2	9.
			418	2	9.



24  
SK46NE/6B2  
30  
B

WESTPHALIAN B

Brought forward 256.9

Dark blue bind with ironstone 2.63.10

Dark shale. Bind 1268.10

Bright soft coal. } 1270.6

Dirt } 1270.6

Soft coal. } 1271.4

Soft blunch. 1271.4

Strong stone clunch. 1273.4

Stone bind with rock bands. 1276.3

Strong stone bind with rock bands. 1284.5

Dark blue bind. 1292.1

with ironstone. 1294.9

blunchy bind. 1299.7

Rock. 1300.11

Stone bind 1302.3

Grey rock. 1303.10

Dark blue bind with ironstone bands. 1320.11

Blackshale with cank balls. 1320.8

Strong stone bind. 1330.11

Dark blue bind. 1351.11

WESTPHALIAN A

coal. 1351.33

Dark clunch and minge. 1351.4

blunchy bind with ironstone. 1355.0

Shaley bind with ironstone. 1367.6

Dark blue bind. 1372.7

Strong stone bind. 1374.0

Grey rock. 1379.1

Rock and bank. 1384.3

Strong stone bind. 1388.3

Blue bind and shells. 1392.3

blunchy bind. 1394.6

brought forward 1394.6

Thickness.			Depth from Surface		
Yards.	ft.	ins.	Yards.	ft.	ins.
			418	2	9.
2	1	1	421		
1	2		422	2	10.
		8.	423	1	6
		1/2	423	1	6 1/2
		3/4	423	2	2 1/4
		4 3/4	423	2	7.
	1	9	424	1	4
	2	11	425	1	3.
2	2	2	428		5.
2	1	8	430	2	1
1	2	8	432	1	9.
	1	10.	433		7.
	1	4	433	1	11
	1	4	434		3.
	1	7	434	1	10.
5	2	1	440		11
2	2	4.	443		3.
	1	8.	443	1	11
6	2	2	450	1	1
		2 3/4	450	1	3 1/4.
		3 1/4	450	1	7.
1		5.	451	2	
4		6.	455	2	6.
1	2	3.	457	1	9.
	1	3.	458		
1	2	1	459	2	1.
1	2	2.	461	1	3.
	2		462		3.
2			464		3.
	2	3.	464	2	6.
			464	2	6.

SK46NE/612

WESTPHALIAN A

Brought forward 1394.6

Grey clunch. B 1397.0

Strong stone clunch. 1399.4

" " " 1401.9

Stone bind. 1402.7

Dark blue bind. B 1407.0

Coal. 1407.5

Strong dark clunch. 1408.5

Grey clunch. 1411.8

Dark blue bind with ironstone bands. 1418.8

Dark shaley bind. 1421.1

Black bat and shells. 1422.6

Blue bind with ironstone bands. 1430.1

Blue bind with shells + ironstone. 1433.3

Soft coal. 1443.15

Dark clunch and coal. 1444.5

Hard coal. 1446.7

Dirt. 1456.4

Coal. 1477.1

Strong grey clunch. 1451.1

Dark soft clunch. 1455.5

Dark clunch with streaks of coal. 1458.6

blunchy bind with cank balls. 1459.8

Dark clunch with streaks of coal. 1464.1

coal. 1464.5

Dark clunch with streaks of coal. 1465.4

Strong stone blunch with cank balls. 1468.10

Strong stone bind. 1477.9

Grey rock. 1479.7

Stone bind. 1482.4

Strong stone bind. 1485.9

Carried forward. 1485.9

Thickness			Depth from Surface		
Yards	ft.	ins.	Yards	ft.	ins.
			464	2	0
	2	6	465	2	6
	2	4	466	1	4
	2	5	467		9
	10		467	1	7
	1	1	469		
	5		469		5
	11	2	469	1	5
	3		470	1	8
	2	1	472	2	8
	2	5	473	2	1
	1	7	474		8
	2	1	476	2	1
	4	1	481		5
	5	2	481		10
	6	3	481	1	5
	1	9	482		2
	5		482		7
	4		482	1	2
	10	2	483	2	1
	1	4	485		5
	1	1	486		6
	1	2	486	1	8
	1	1	488		1
	4		488		5
	1	2	488	1	7
	3		489	1	10
	2	2	492	1	9
	1	10	493		7
	2	9	494		4
	1	5	495		9
			495		9

SK46NE/ 6112

		Thickness			Depth from Surface		
		Yards.	ft.	ins.	Yards	ft.	ins.
WESTPHALIAN A							
	Brought forward				495		
	1496-9	3	2	-	498	2	
	Strong Stone bind.	2	-	5.	501	-	2.
	Grey rock.		1	"	501	1	2.
	Strong Stone bind.		1	8.	501	2	10.
	Grey rock.			9.	502	-	7.
	Strong Stone bind.	1	-	-	503	-	7.
	Blue bind.	1	1	10.	504	2	5.
	Coal.			5 1/2	504	2	10 1/2.
	Dirt.			1/2	504	2	11.
	Coal.			5.	505	0	4.
	Soft grey clunch.		1	5	505	1	9.
	Coal.			3 1/2	505	2	0 1/2.
	Bat.			2	505	2	2 1/2.
	Grey clunch with streaks of Coal.	1	2	9 1/2	507	2	-
	clunchy bind		2	9.	508	1	9.
	Blue bind with cank balls.	4	1	"	513	-	8.
	Dark clunchy bind.	1	-	9.	514	1	5.
	Dark blue bind.		2	3.	515	-	8.
	Coal.		1	3.	515	1	11
	Soft grey clunch with streaks of coal		1	8	516	-	7.
	Strong stone clunch with Rock bands.	2	-	11	518	1	6.
	Strong bind with rock bands.	1	-	5.	519	1	11
	Dark blue bind with stone bind.	1	2	6	521	1	5.
	Coal.			7.	521	2	-
	Grey clunch.		2	11	522	1	11
	Stone clunch.		1	6.	523	-	5
	Flaggy rock.		2	11	524	-	4.
	Strong stone bind.	1	2	14.	525	2	8.
	Stone bind with rock bands.	1	-	1	526	2	9.
	Strong blue bind.		2	6.	527	2	3.
	Brought forward				527	2	3.

SK46NE/18  
6B2

		Thickness			Depth from Surface	
		Yards.	ft.	ins	Yards	ft.
WESTPHALIAN A						
	Brought forward.				527	2 8
	Strong blue bind with cank balls	1	5		528	2 8
	Dark blue bind.	1	1	2	530	2 10
	Soft blue bind.	1	4		531	1 2
DEEP HARD	Soft coal.			2	531	1 4
	Hard coal with soft streaks		2	8 1/2	532	1 0 1/2
	Soft coal.			9 1/2	532	1 10
	Sloom.			9	532	2 7
	Soft grey clunch.	1			533	7
	Strong stone clunch.			10	533	1 5
	Strong blunchy bind.	1	1		534	1 6
	Grey rock.		1	2	534	2 8
	Strong stone bind.	1	1	11	536	1 7
	Grey rock		1	3	536	2 10
	Strong blue bind.	3	1	10	540	1 8
	Dark blue bind.	2		11	541	1 7
	Soft Loom			5	541	2
	Coal 1st Riper (top)	1	5 1/2		542	5 1/2
	Soft grey clunch.	2			542	2 5 1/2
	Grey clunch with streaks of coal.		9 1/2		543	3
	Dark grey clunch.	1	10		543	2 1
	blunchy bind.	1		2	544	2 3
	Strong stone bind.		2	3	545	1 6
	bank		1	10	546	4
	Strong stone bind.	1		11	547	1 3
	Strong blue bind with Ironstone Bands	1		11	548	2 2
	Dark Blue bind.	1	7		549	9
	Strong stone bind.	2		5	551	1 2
	"	1		8	552	1 10
	Grey rock.	15	1	9	568	0 7
	Strong stone bind.	1	6		568	2 1
	banded forward.				568	2 1

SK46NE/6412

WESTPHALIAN A Brought forward 1706'1

conglomerate. 1711-2

Grey rock. *SSI* 1715-10

conglomerate 1718-0

Grey rock. 1763-1

coal 1763-2

Strong stone bind. 1762-11

Grey rock. *SM* 1774-0

banky rock. 1788-8

Grey rock 1804-0

coal tops. 1808-0

coal bottoms. } *Tupton Seam* 1812-202

light grey clunch. *HL* 1813-7

Strong dark clunch. 1816-9

Strong bind. with rock bands. 1819-6

Grey rock *LI-B* 1821-1

Strong stone bind. 1822-10

Strong stone bind. 1835-1

Dark blue bind. - 1838-6

coal. *Tupton 3/4 Seam* 1841-2

Strong stone clunch. 1843-0

Dark clunchy bind. 1844-10

coal *HL* 1845-0 1/2

Strong grey clunch. 1848-5

" " " 1852-2

Strong blue bind. 1854-9

Grey rock. 1860-4

Strong stone bind. 1863-0

Grey rock. *SSI* 1869-4

Flaggy rock. 1874-5

Strong stone bind. 1875-10

Thickness			Depth from Surface		
yards	ft	in.	yards	ft	in.
			568	2	10
1	2	1	570	1	2
1	1	8	571	2	10
2	2		572	2	
14	2	1	587	1	1
		1	587	1	2
		9	587	1	"
3	2	1	591	1	
14	2	8	596		8
6		14	602	1	
		1	602	2	
1	1		604	"	
		1	604	1	9
1			605	1	9
2	9		606	1	6
1	4		607		1
1	9		607	1	10
4		3	611	2	1
1		5	612	2	6
2	8		613	2	2
1	10		614	1	
1	10		614	2	10
		2 1/2	615		1/2
1		1 1/2	616		2
1	1		617	1	2
1	2	4	619		9
2	4		620		4
2	8		621		
2		14	623		14
1	2	1	624	2	5
1	5		625		10
			625		10

Carried forward 1875-10

SK46NE6/B2

WESTPHALIAN A

Brought forward 1845-10

Strong blue bind. 1847-0

Stone bind with rock bands. 6-5

Blue bind with ironstone. 1888-10

Dark shaley bind with ironstone. 1898-5

Soft sloom 1892-10

Strong stone bind. 1898-9

Strong blue bind. 1901-1

Strong stone bind. 1910-1

Strong blue bind. 1919-1

Rock bind. 1919-10

Blue bind with ironstone band. 1928-1

Dark shale 1935-4

coal 1935-2 1/2

Soft dark clunch. 1935-11

coal. Yard coal. 1938-0

Dark grey clunch. 1940-10

Stony clunchy bind. 1942-4

Stone bind. 1944-4

Blue bind. 1946-9

coal. 1947-6

Minge. 1947-9

Soft dark clunch with streaks of coal. 1950-1

Grey clunch with streaks of coal. 1952-1

Strong stone bind with rock bands. 1955-1

banky rock. 1962-1

Black sand. 1965-6

Strong stone bind. 1968-5

Strong blue bind. 1971-4

Stone bind. 1978-1

bank. 1978-8 1/2

barred forward. 1978-8 1/2

Thickness.			Depth from Surface.		
Yards	ft.	ins.	Yards	ft.	ins.
			625	2	10
	1	2	625	2	
3		5	628	2	5
	2	5	629	1	10
1		4	630	2	5
		5	630	2	10
1	2	11	632	2	9
	2	4	633	2	1
3			636	2	1
3			639	2	1
		9	639	2	10
2	2	3	642	2	1
2	1	3	645		4
		4 1/2	645		8 1/2
		2 1/2	645		11
2	1		646		
2	10		646	2	10
1		9	647	1	4
2			648		4
2	2		648	2	9
		9	649		6
		3	649		9
2	4		650		1
2			650	2	1
1			651	2	1
2	1		654		1
1		5	655		6
2	11		656		5
2	11		657		4
2		9	659	1	1
		4 1/2	659	1	8 1/2
			659	1	8 1/2



30

SK46NE/1612

Thickness			Depth from		
yards	ft	ins	yards	ft	ins
			659	1	8 1/2
1	0	0 1/2	660	1	9
3	0	5	663	2	2 1/2
1	0	11	665	0	1
1	1	3 1/2	666	1	4 1/2
1	0	8 1/2	667	2	1
1	1	0	669	0	1
		9	669	0	10
	2	0	669	2	10
1	2	2	671	2	0
2	1	3	674	0	3
		4	674	0	7
2	0	6	676	1	1
1	0	0	677	1	1
	2	6	678	0	7
1	2	0	679	2	7

1948-8 1/2. Brought forward.

WESTPHALIAN A 1981-9

Strong stone bind.

Stone bind with rock bands 1991-2

Rock and cank. 1995-1

Strong bind. 1999-4 1/2

Soft blue bind. 2003-1

Blackshale seam. 4'-0" {

lannel coal 2'-0 1/2

Bright. 7

Dirt 2007-1 2

lannel coal 1'-0 1/2

Hard Bright coal 2

Soft dark clunch. 2007-10

Strong stone clunch. 2009-10

Strong clunchy bind. 2015-0

Strong stone bind. 2022-3

Rock band. 2022-7

Stone bind. 2029-1

Blue bind. 2032-1

Strong blue bind with bank balls. 2034-7

Stone bind. 2039-7

G. July 1981



SCHEDULE: 1

NO. 1 AREA

EAST MIDLANDS DIVISION

NATIONAL COAL BOARD

SITE COORDS.

Q.D TOP OF SHAFT, 360.1'

COLLIERY: Glapwell. 0.972

No.	PMP	CAPACITY	Quantity Pumped	Workings Drained	Horizon Drained	Shaft from Which pumped	USE OF WATER			Method of Disposal of Unused water
							DOMESTIC	COAL WASHING	BOILER FEED	SURPLUS
No. 1	Mather J. Platt	500 G.P.M.	205,807 G.P. Day.	Top Hard Seam	- 286 yds.	No. 1	-	205,807 g.p.day.	-	-
No. 2	Mather J. Platt	500 G.P.M.	Standby Pump.							
No. 3	B.T.H.	120 G.P.M.	43,200 G.P. Day.	Low Main Seam.	- 604 yds.	No. 3	-	-	-	-

All tips  
Fiery Tip  
and River  
Doe Lea.

2

112

30

112/30

SK46/17A

33

SCHEDULE: 2

R. 0924

NATIONAL COAL BOARD

EAST MIDLANDS DIVISION

NO. 1 AREA

GLAPWELL.

GLAPWELL.

GLAPWELL.

WATER		ENCOUNTERED		DURING	
SHAFT		SINKINGS		DRIVING OF WORKINGS	
SHAFT	HORIZON	QUANTITY	HORIZON	QUANTITY	
No. 1 Shaft. Details of Shaft Water Feeders.	- 42 yds.	5 G.P.M.	Waterloo Rise Working	20 G.P.M.	
	- 48 yds.	9.25 G.P.M.	Approaching outcrop		
	- 62 yds.	9.5 G.P.M.	Barrier encountered		
	- 78 yds.	12 G.P.M.	Water from Seam and roof.		
No. 2 Shaft. Details of Shaft Water Feeders	- 85 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.			
	- 499 yds.	Small feeder.			

112

30

SK 46/17A

112/30



34  
SCHEDULE: 3

NO. 1 AREA  
COLLIERY.

EAST MIDLANDS DIVISION

NATIONAL COAL BOARD

Glapwell.

ADDRESS OF PREMISES	NAME OF WELL OR OTHER WORK	QUANTITY	SOURCE	USE OF WATER			SURPLUS
				DOMESTIC	COAL WASHING	BOILER FEED	
Glapwell, Nr. Chesterfield, Derbyshire.	Stookley Pumping Station	56,000 G. P. Day To Reservoir	Watershed Glapwell Hill	-	-	56,000 g. p. day	NIL
	Colliery Reservoir	258,000 G.P. Day Total 314,000	Watershed - do -	56,000 g. p. day	NIL	202,000 g. p. day	

112

112/30  
SK 46/17A  
30



NATIONAL COAL BOARD

EAST MIDLANDS DIVISION

NO. 1 AREA

SCHEDULE: 4

35

Glapwell. QUERY.

COMMENTS ON WATER PROBLEMS IN WORKINGS

R.892(c)

A deep and normally very dry mine, Glapwell has only experienced trouble with water as shallower seams top hard and 1st Waterloo approached the Outcrop 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 near the Outcrop. The working of lower seams could be affected if the flood water at Langwith was allowed to rise indefinitely.

112/30 SK46/17A